

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089797.D
 Acq On : 19 Aug 2016 16:02
 Operator : UM/SJ
 Sample : PB92975BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Manual Integrations
 APPROVED

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 8/22/2016 3:47:29 PM

Quant Time: Aug 22 01:32:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	541397	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2137737	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1004284	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	1804178	20.00	ng	0.01
75) Chrysene-d12	13.85	240	1137313	20.00	ng	-0.02
86) Perylene-d12	15.34	264	952042	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	2531847	80.20	ng	0.01
7) Phenol-d6	6.32	99	3326627	85.84	ng	0.00
23) Nitrobenzene-d5	7.26	82	2868243	83.35	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	793704	83.16	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4519685	79.10	ng	0.00
78) Terphenyl-d14	12.79	244	4242824	84.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	504102	32.26	ng	98
3) Pyridine	2.89	79	1457252	35.56	ng	96
4) n-Nitrosodimethylamine	2.86	42	604801	39.64	ng	# 74
6) Aniline	6.34	93	1545053	29.72	ng	# 45
8) 2-Chlorophenol	6.47	128	1558971	41.29	ng	87
9) Benzaldehyde	6.22	77	380077	15.06	ng	99
10) Phenol	6.34	94	1995474	43.93	ng	97
11) bis(2-Chloroethyl)ether	6.43	93	1412199	40.10	ng	88
12) 1,3-Dichlorobenzene	6.63	146	1627389m	41.23	ng	
13) 1,4-Dichlorobenzene	6.71	146	1602941m	39.51	ng	
14) 1,2-Dichlorobenzene	6.86	146	1504499m	39.73	ng	
15) Benzyl Alcohol	6.83	79	1091158	42.46	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1788284	39.67	ng	91
17) 2-Methylphenol	6.95	107	1250974	42.31	ng	97
18) Hexachloroethane	7.20	117	560575	38.74	ng	# 89
19) n-Nitroso-di-n-propylamine	7.12	70	1122551	45.29	ng	# 86
20) 3+4-Methylphenols	7.11	107	1433109	39.53	ng	# 69
22) Acetophenone	7.11	105	1879994	38.30	ng	# 90
24) Nitrobenzene	7.27	77	1458672	37.78	ng	98
25) Isophorone	7.52	82	2845802	41.01	ng	# 92
26) 2-Nitrophenol	7.59	139	781127	40.55	ng	# 83
27) 2,4-Dimethylphenol	7.63	122	1373367	39.56	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	1996235	46.49	ng	96
29) 2,4-Dichlorophenol	7.83	162	1178185	40.45	ng	93
30) 1,2,4-Trichlorobenzene	7.92	180	1322100	41.03	ng	95
31) Naphthalene	8.00	128	4105718	41.09	ng	99
32) Benzoic acid	7.76	122	863439	31.92	ng	97
33) 4-Chloroaniline	8.04	127	956949	22.10	ng	# 95
34) Hexachlorobutadiene	8.12	225	677120	40.13	ng	97
35) Caprolactam	8.42	113	394926	44.52	ng	# 70
36) 4-Chloro-3-methylphenol	8.54	107	1390464	44.07	ng	97
37) 2-Methylnaphthalene	8.68	142	2839573	43.93	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1015829	31.24	ng	96
40) Hexachlorocyclopentadiene	8.84	237	1108400	98.17	ng	98

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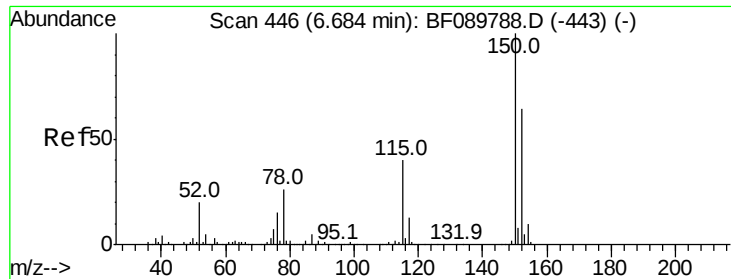
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	850985	41.59	nq	99
43) 2,4,5-Trichlorophenol	9.00	196	888690	43.67	nq	96
45) 1,1'-Biphenyl	9.15	154	3110455	40.02	nq	95
46) 2-Chloronaphthalene	9.16	162	2546085	41.44	nq	99
47) 2-Nitroaniline	9.27	65	873444	49.85	nq	# 77
48) Acenaphthylene	9.58	152	3901023	42.26	nq	99
49) Dimethylphthalate	9.46	163	3188277	45.09	nq	99
50) 2,6-Dinitrotoluene	9.51	165	655652	40.16	nq	# 86
51) Acenaphthene	9.76	154	2984988	48.86	nq	98
52) 3-Nitroaniline	9.67	138	477087	26.38	nq	95
53) 2,4-Dinitrophenol	9.78	184	770940	80.09	nq	# 82
54) Dibenzofuran	9.93	168	3717341	48.44	nq	91
55) 4-Nitrophenol	9.84	139	1082920	73.35	nq	89
56) 2,4-Dinitrotoluene	9.91	165	817724	38.60	nq	# 59
57) Fluorene	10.26	166	2572599	42.07	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	754175	50.92	nq	99
59) Diethylphthalate	10.16	149	3088651	43.00	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	1091167	39.11	nq	94
61) 4-Nitroaniline	10.28	138	671965	39.63	nq	97
62) Azobenzene	10.42	77	3091316	45.77	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	457207	44.10	nq	# 57
65) n-Nitrosodiphenylamine	10.39	169	2624610	46.27	nq	98
66) 4-Bromophenyl-phenylether	10.75	248	834744	44.13	nq	# 86
67) Hexachlorobenzene	10.81	284	868616	40.25	nq	# 84
68) Atrazine	10.91	200	679081	39.09	nq	96
69) Pentachlorophenol	11.00	266	1011762	82.72	nq	98
70) Phenanthrene	11.22	178	3964631	43.51	nq	95
71) Anthracene	11.27	178	3745540	40.44	nq	99
72) Carbazole	11.43	167	3745828	45.09	nq	97
73) Di-n-butylphthalate	11.78	149	4512117	43.41	nq	# 98
74) Fluoranthene	12.40	202	3591161	41.43	nq	93
76) Benzidine	12.53	184	1378070	37.44	nq	97
77) Pyrene	12.63	202	3915456	42.28	nq	95
79) Butylbenzylphthalate	13.28	149	1944533	46.49	nq	88
80) Benzo(a)anthracene	13.84	228	2912997	44.72	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	699205	32.74	nq	# 93
82) Chrysene	13.89	228	2653038	47.51	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	2573946	44.67	nq	97
84) Di-n-octyl phthalate	14.55	149	3836053	50.10	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.63	276	2705366	37.97	nq	98
87) Benzo(b)fluoranthene	14.95	252	2218096	42.35	nq	97
88) Benzo(k)fluoranthene	14.98	252	2234622m	47.03	nq	
89) Benzo(a)pyrene	15.28	252	2238279	45.15	nq	# 96
90) Dibenzo(a,h)anthracene	16.65	278	2251649	41.85	nq	97
91) Benzo(g,h,i)perylene	17.01	276	2343632	41.36	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

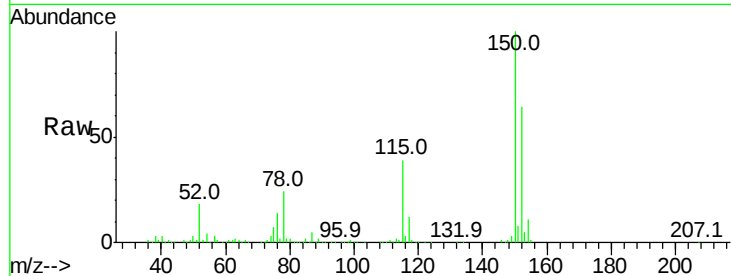
ClientSampled :

PB92975BS

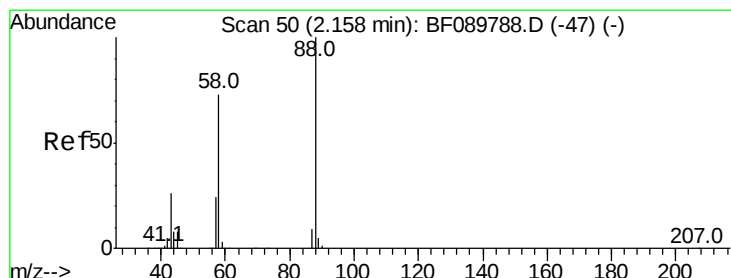
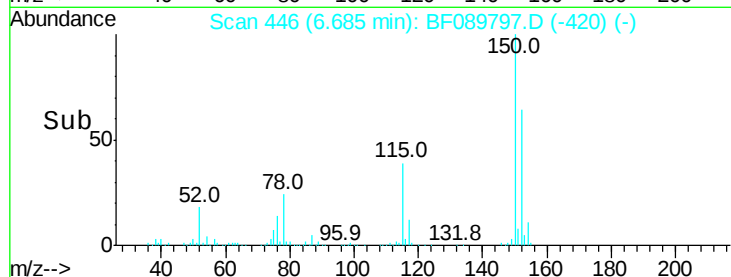
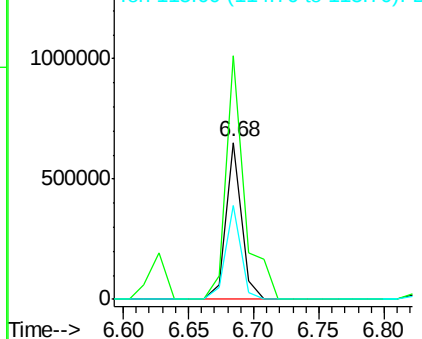
Tot Ion:	152	Resp:	541397
Ion Ratio	Lower	Upper	
152	100		
150	155.4	125.3	187.9
115	59.9	40.9	61.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.26 ng

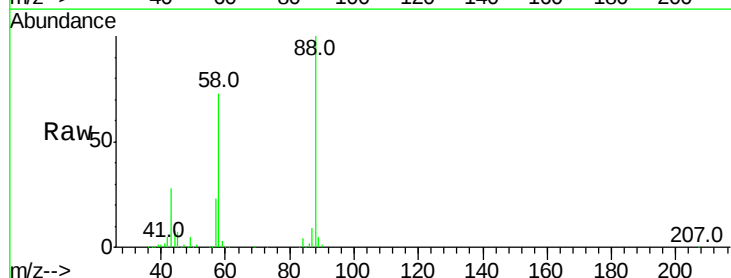
RT: 2.25 min Scan# 58

Delta R.T. 0.09 min

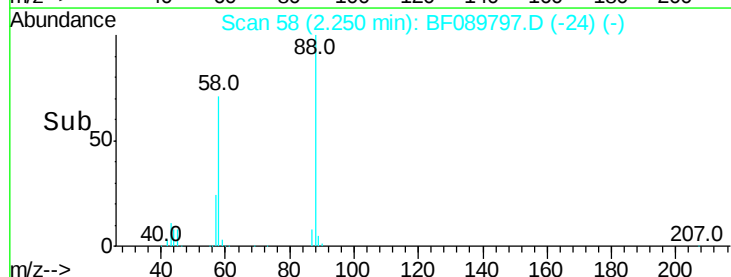
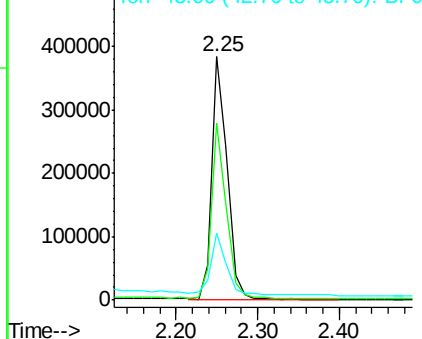
Lab File: BF089797.D

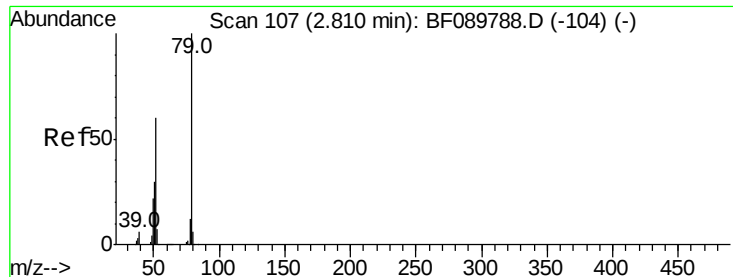
Acq: 19 Aug 2016 16:02

Tgt Ion:	88	Resp:	504102
Ion Ratio	Lower	Upper	
88	100		
58	69.8	57.0	85.4
43	28.6	21.8	32.8



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.56 ng

RT: 2.89 min Scan# 114

Delta R.T. 0.08 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampled :

PB92975BS

Tot Ion: 79 Resp: 1457252

Ion Ratio Lower Upper

79 100

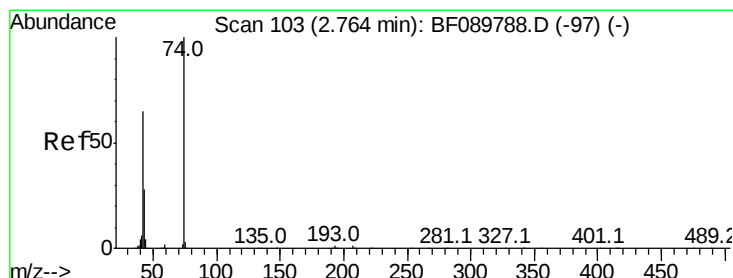
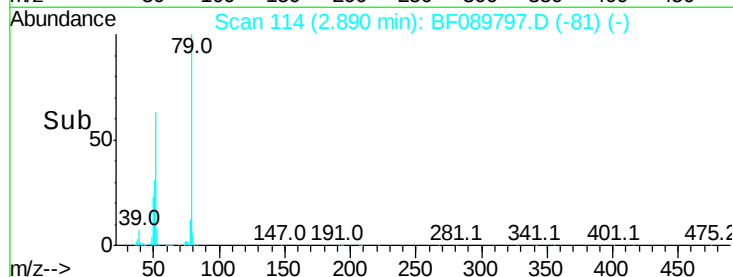
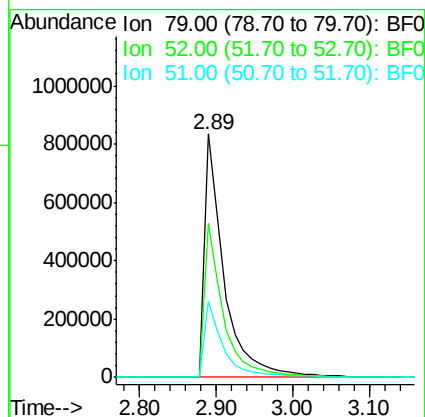
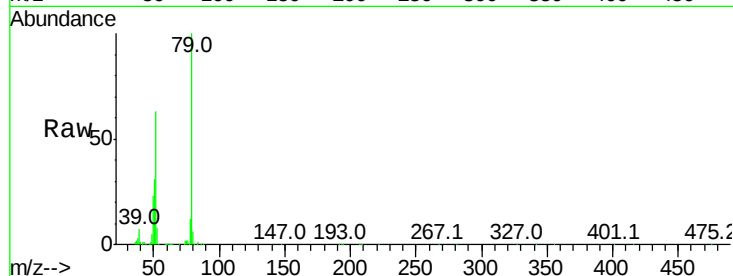
52 63.0 53.6 80.4

51 31.3 26.6 39.8

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#4

n-Nitrosodimethylamine

Concen: 39.64 ng

RT: 2.86 min Scan# 111

Delta R.T. 0.09 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

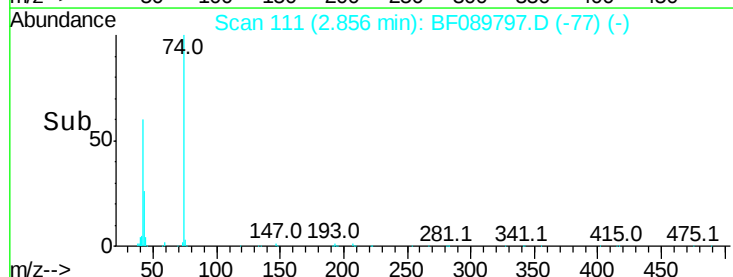
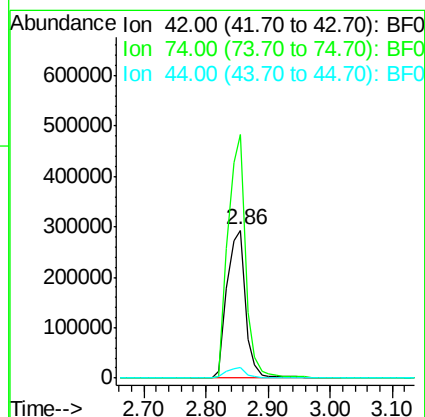
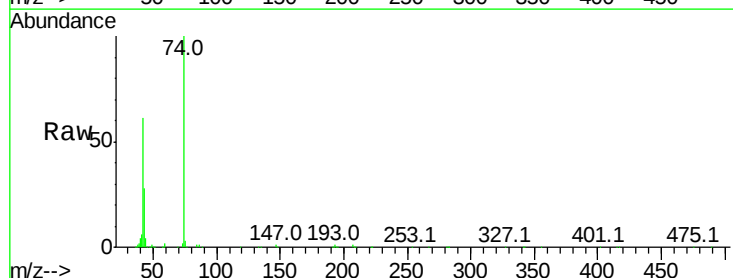
Tgt Ion: 42 Resp: 604801

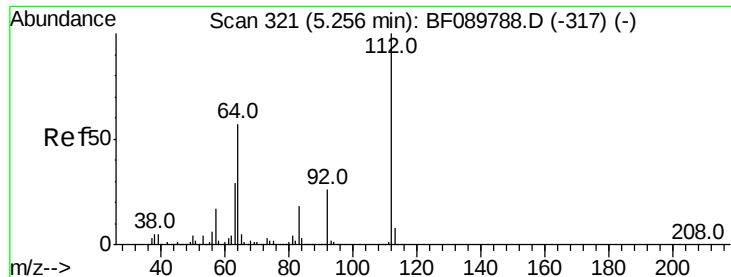
Ion Ratio Lower Upper

42 100

74 165.0 106.2 159.2#

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 80.20 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

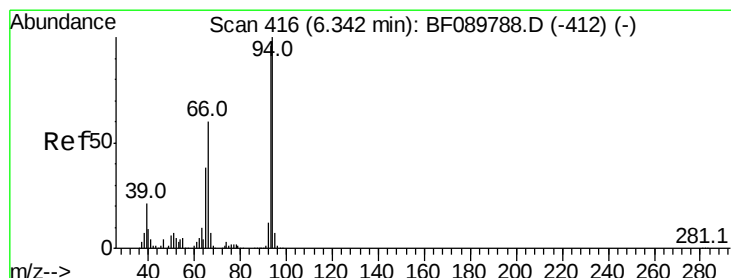
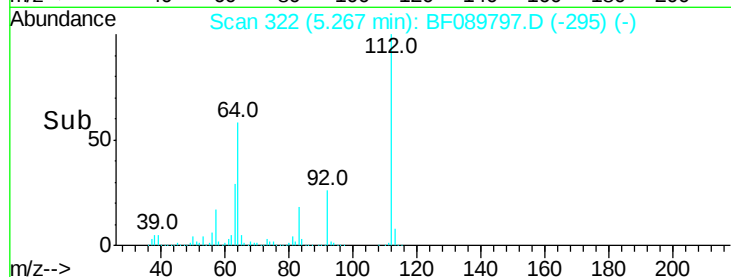
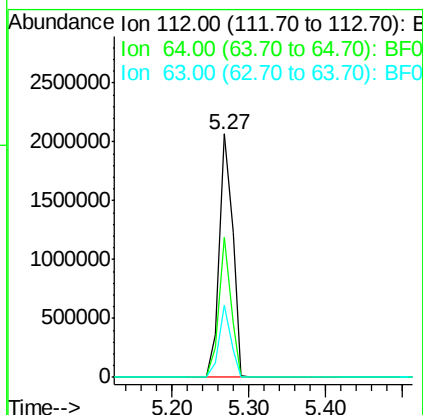
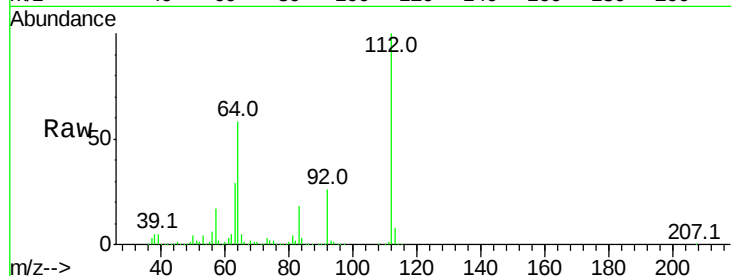
ClientSampled :

PB92975BS

Tot Ion:	112	Resp:	2531847
Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.0	67.4
63	29.4	23.1	34.7

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#6

Aniline

Concen: 29.72 ng

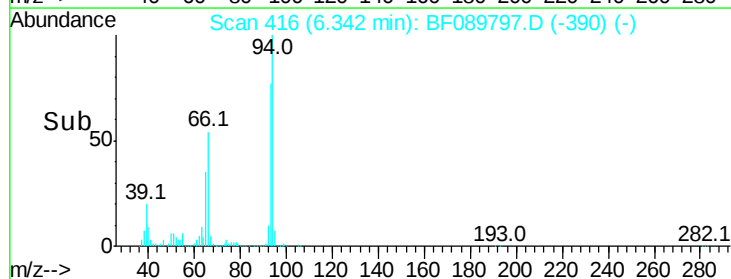
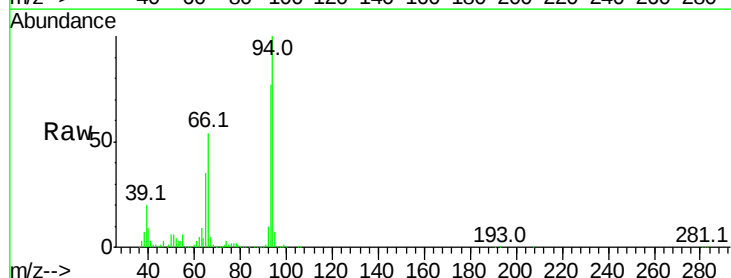
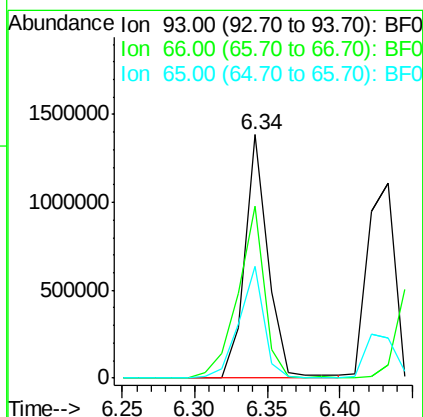
RT: 6.34 min Scan# 416

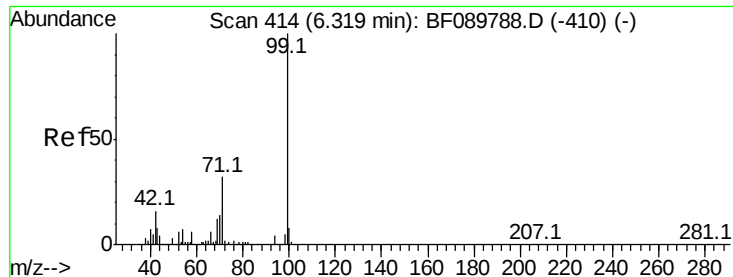
Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Tgt Ion:	93	Resp:	1545053
Ion	Ratio	Lower	Upper
93	100		
66	70.5	30.6	46.0#
65	46.1	15.4	23.2#





#7

Phenol-d6

Concen: 85.84 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

Tot Ion: 99 Resp: 3326627

Ion Ratio Lower Upper

99 100

42 15.8 12.2 18.4

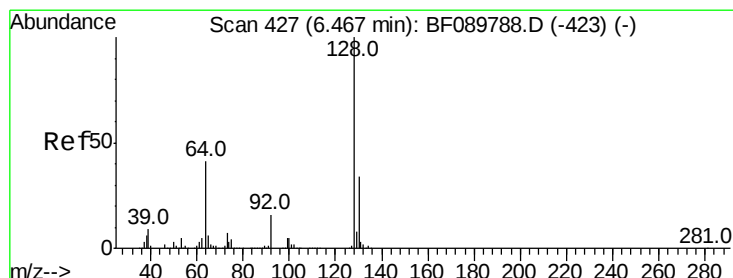
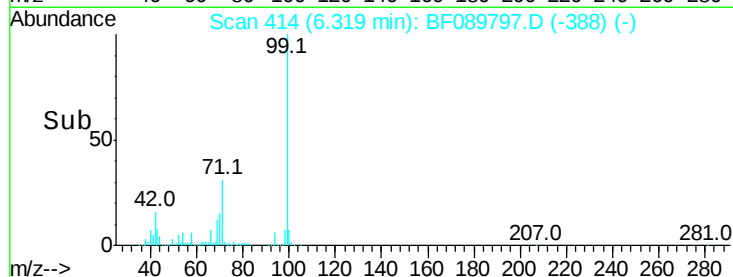
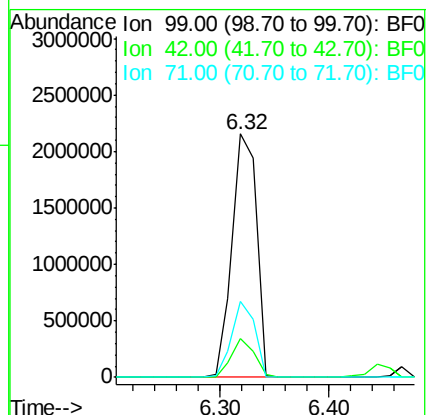
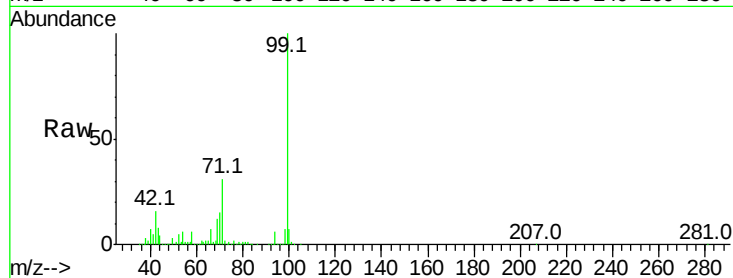
71 31.0 23.8 35.8

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#8

2-Chlorophenol

Concen: 41.29 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

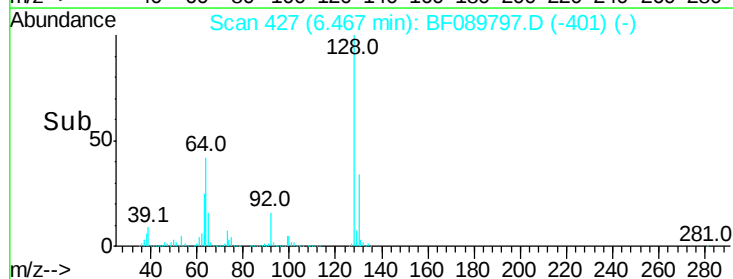
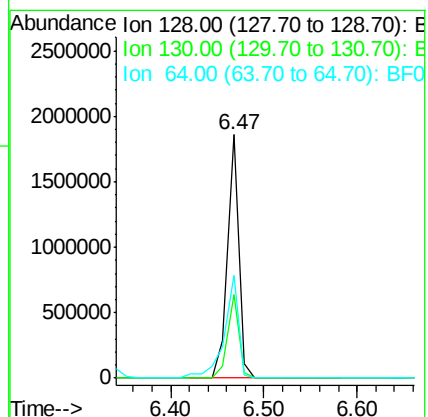
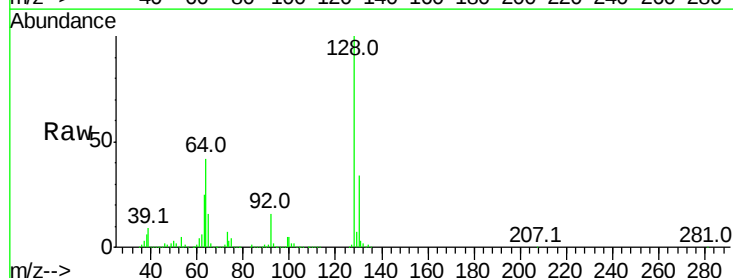
Tgt Ion:128 Resp: 1558971

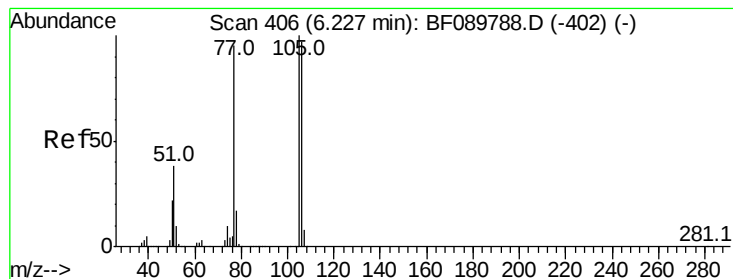
Ion Ratio Lower Upper

128 100

130 34.4 12.0 52.0

64 42.5 35.1 75.1





#9

Benzaldehyde

Concen: 15.06 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

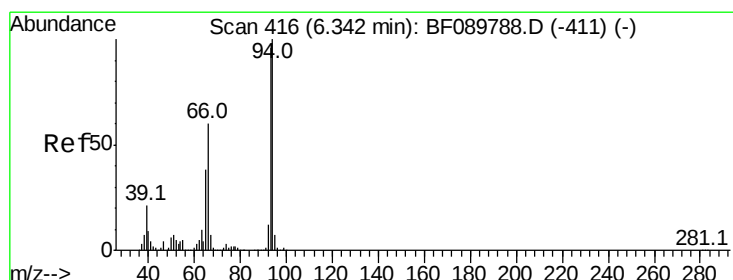
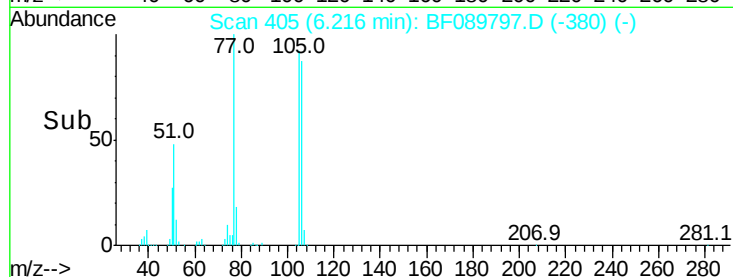
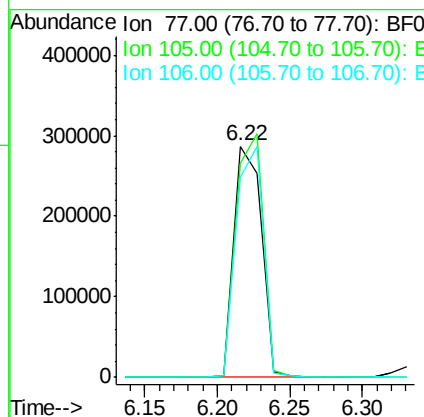
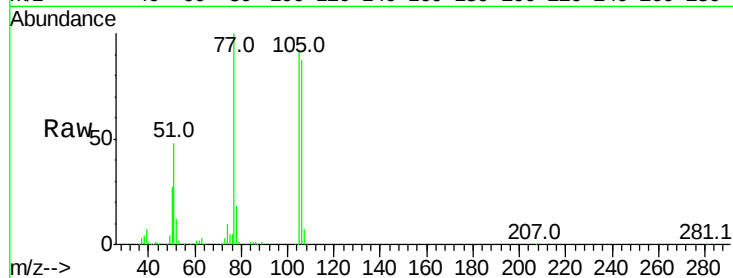
ClientSampleId :

PB92975BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.5	73.3	113.3
106	86.6	68.6	108.6

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#10

Phenol

Concen: 43.93 ng

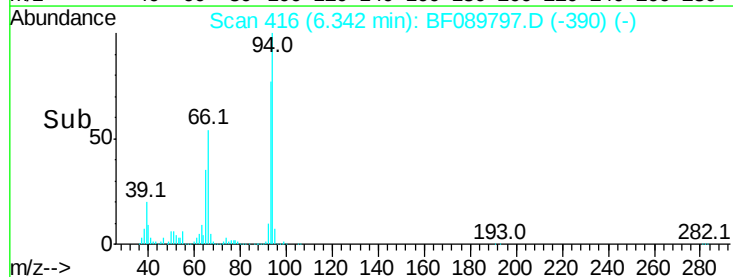
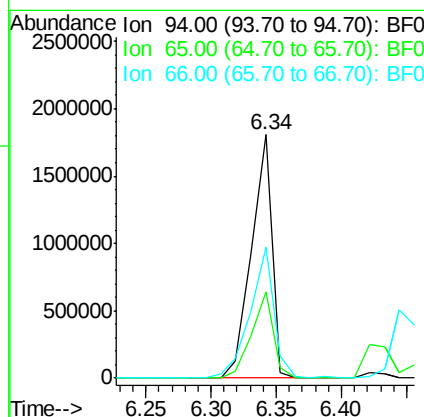
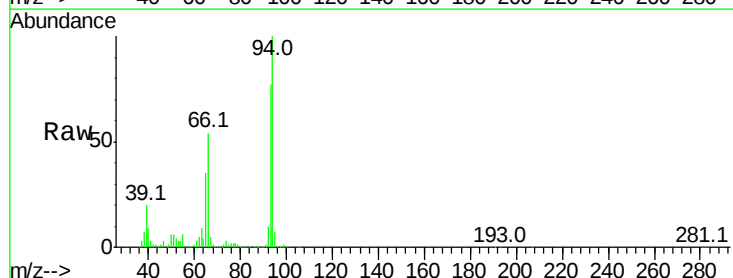
RT: 6.34 min Scan# 416

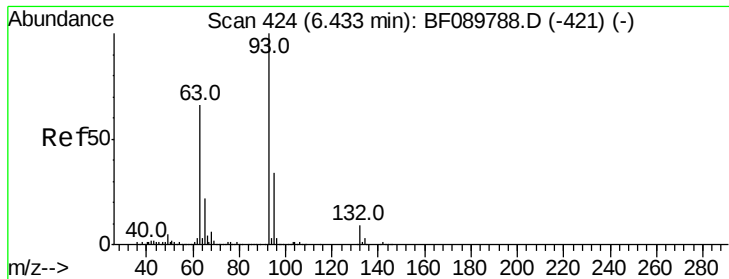
Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.4	14.0	54.0
66	54.0	31.2	71.2





#11

bis(2-Chloroethyl)ether

Concen: 40.10 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampled :

PB92975BS

Tot Ion: 93 Resp: 1412199

Ion Ratio Lower Upper

93 100

63 61.6 55.8 95.8

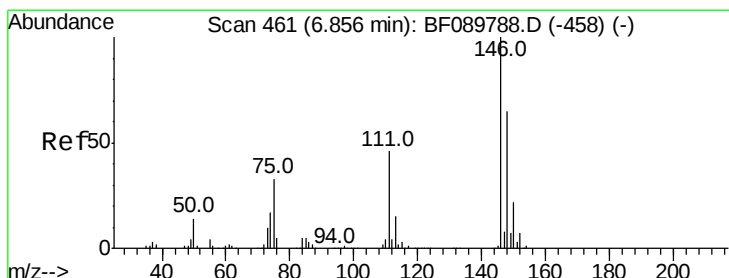
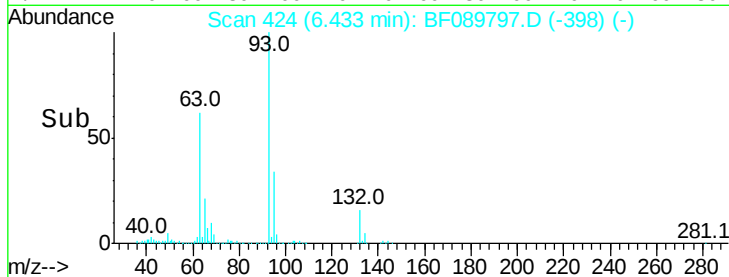
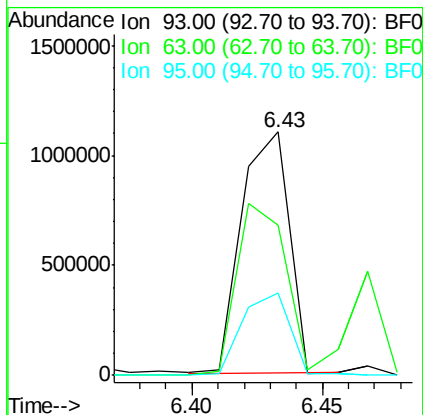
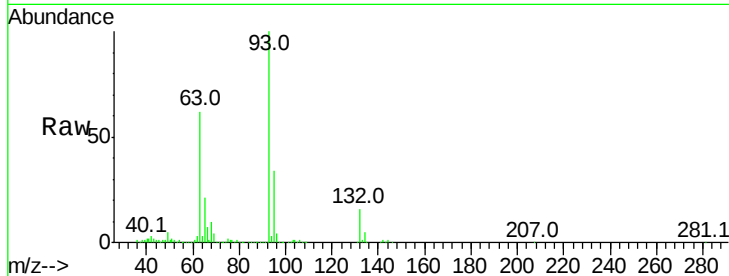
95 33.9 13.0 53.0

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#12

1,3-Dichlorobenzene

Concen: 41.23 ng m

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

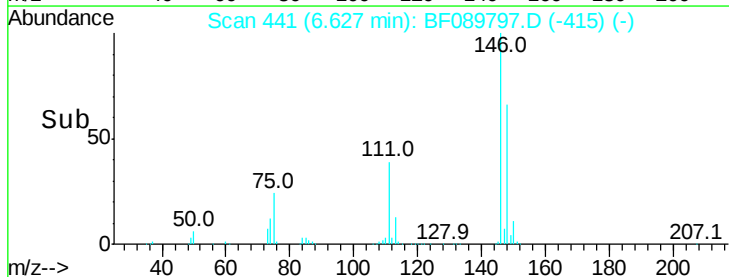
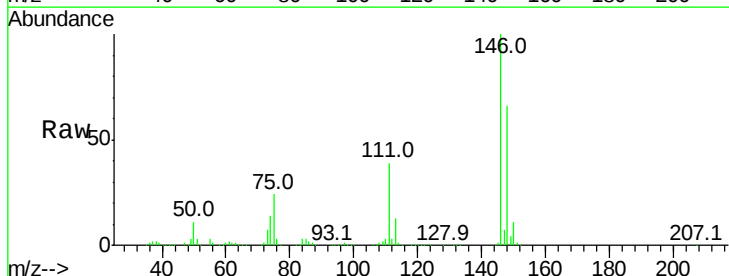
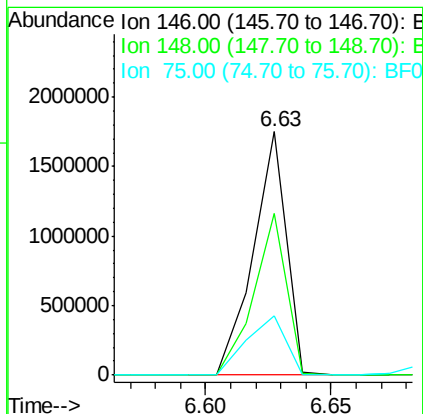
Tgt Ion: 146 Resp: 1627389

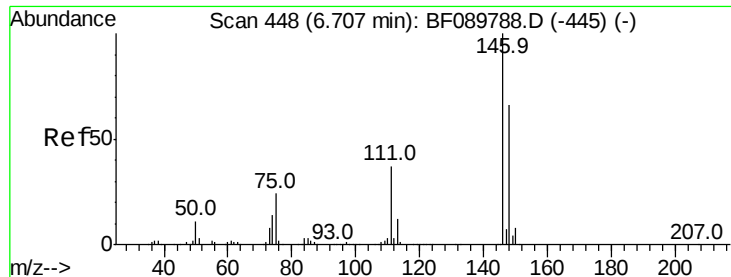
Ion Ratio Lower Upper

146 100

148 66.3 51.0 76.4

75 24.5 27.0 40.6#





#13

1,4-Dichlorobenzene

Concen: 39.51 ng m

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

Tot Ion:146 Resp: 1602941

Ion Ratio Lower Upper

146 100

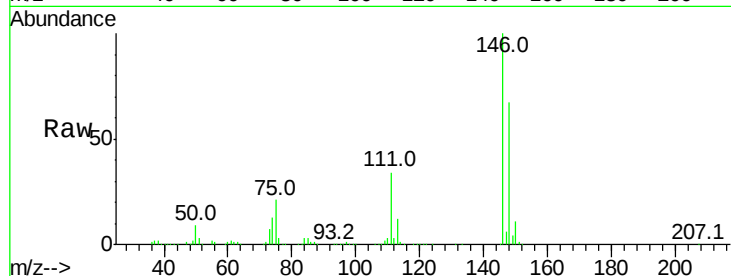
148 66.7 51.0 76.6

111 34.2 34.6 52.0#

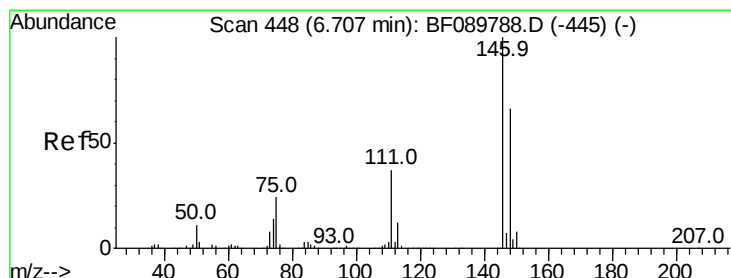
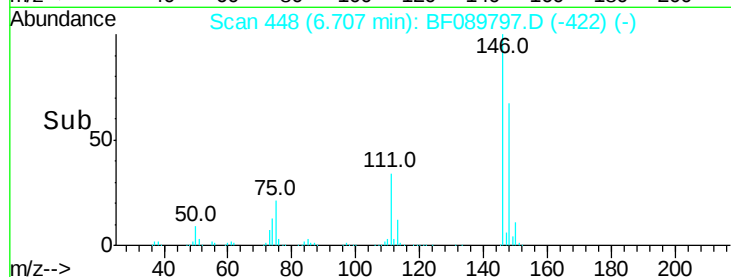
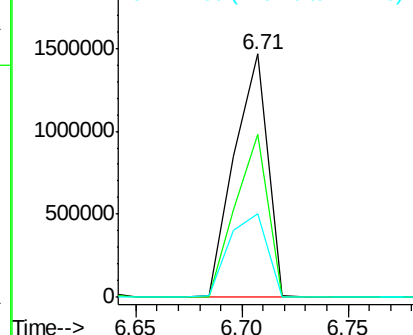
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Abundance Ion 146.00 (145.70 to 146.70): E
2000000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.73 ng m

RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

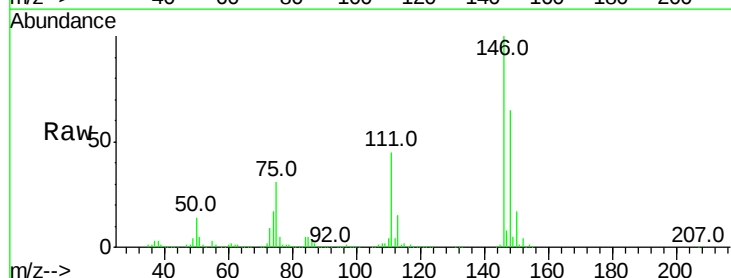
Tgt Ion:146 Resp: 1504499

Ion Ratio Lower Upper

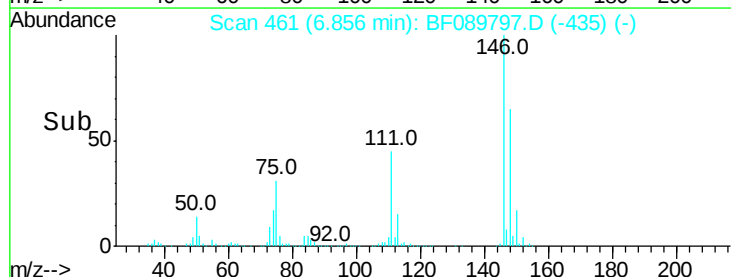
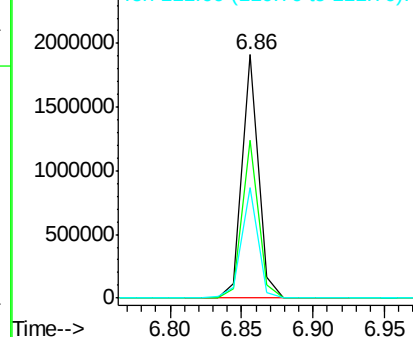
146 100

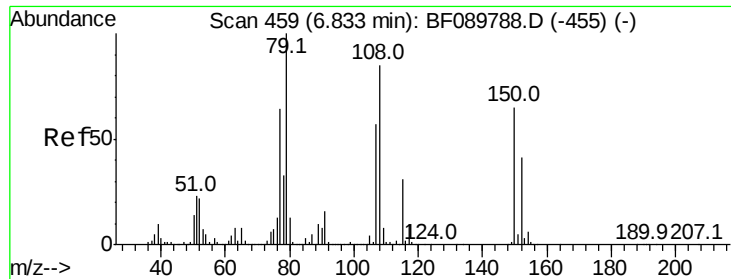
148 64.8 52.2 78.2

111 45.3 29.8 44.6#



Abundance Ion 146.00 (145.70 to 146.70): E
2500000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.46 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampled :

PB92975BS

Tot Ion: 79 Resp: 1091158

Ion Ratio Lower Upper

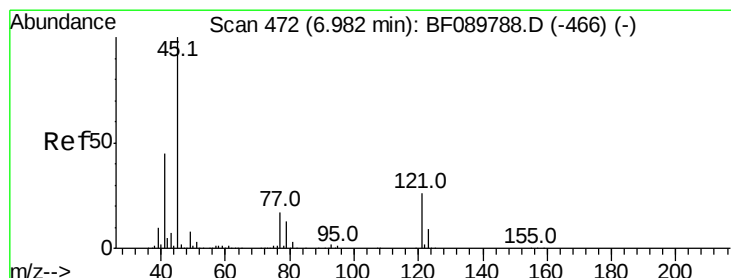
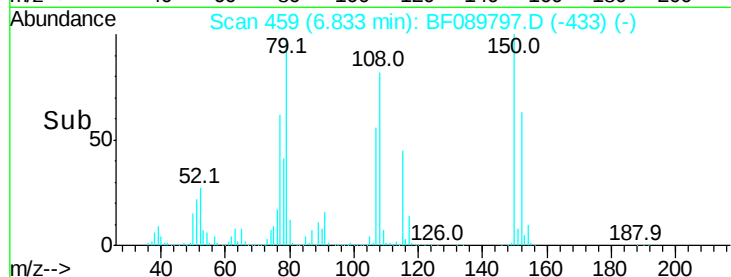
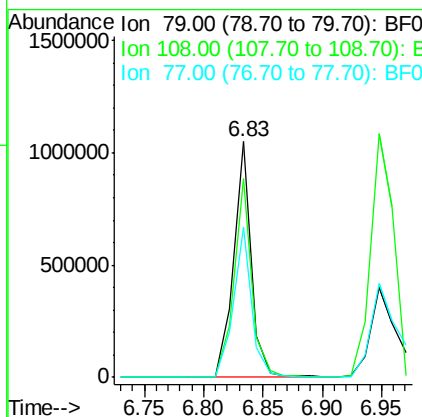
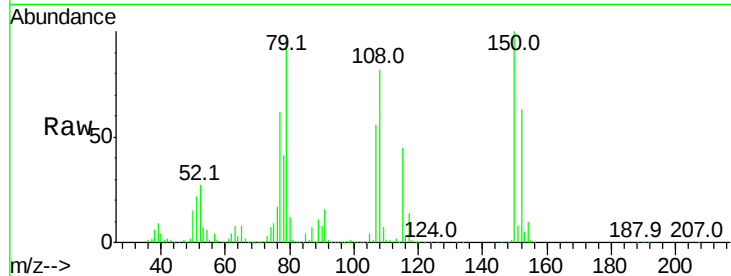
79 100

108 84.3 62.5 93.7

77 63.8 51.5 77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.67 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

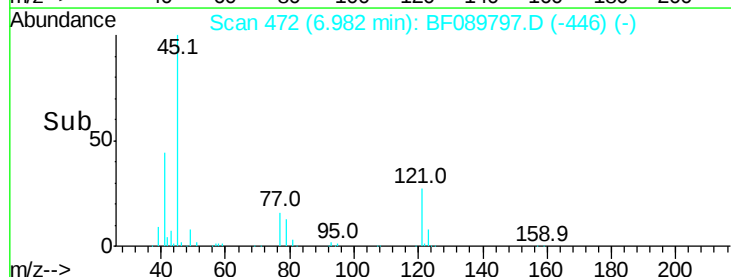
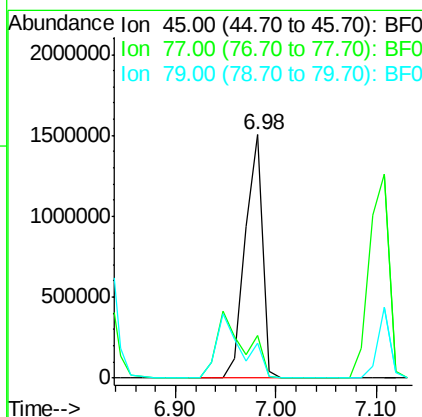
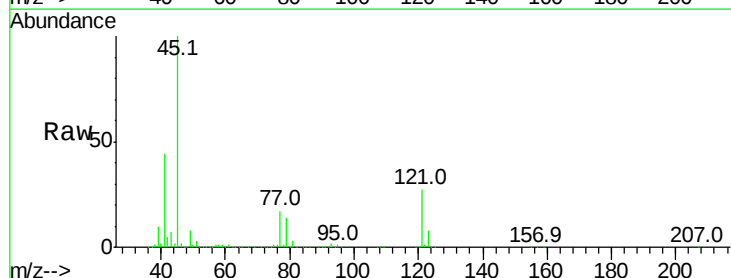
Tgt Ion: 45 Resp: 1788284

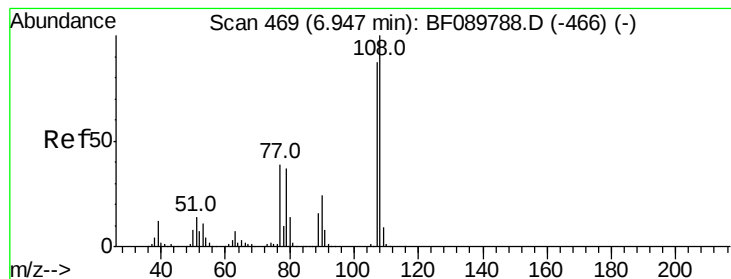
Ion Ratio Lower Upper

45 100

77 17.3 0.0 33.5

79 14.2 0.0 30.7





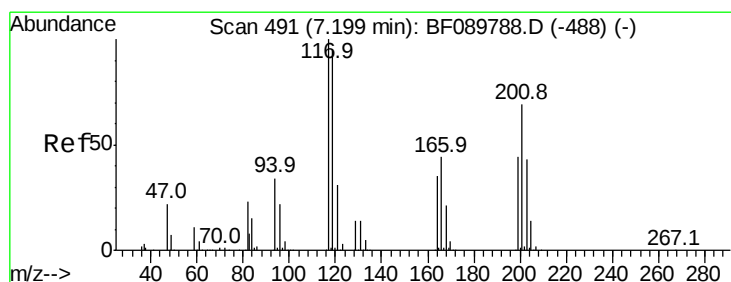
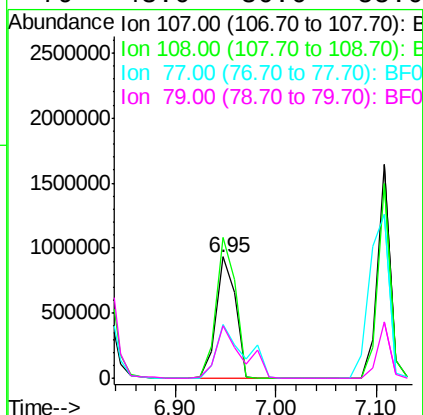
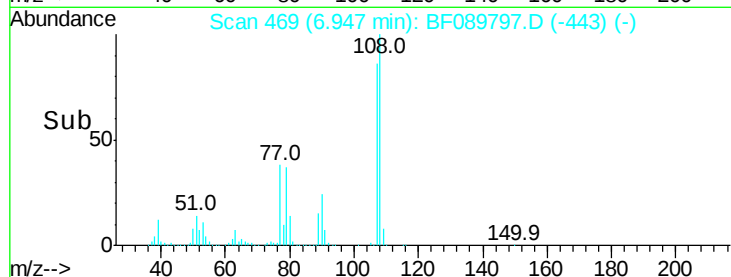
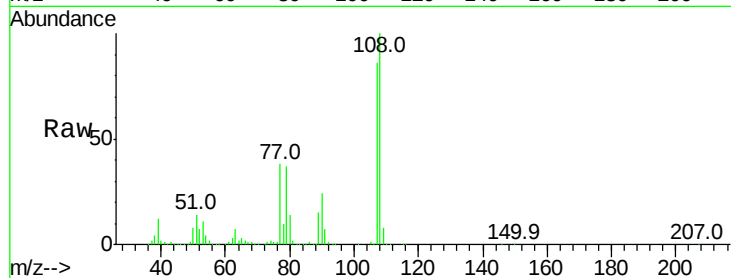
#17
2-Methylphenol
Concen: 42.31 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampled :
PB92975BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.1	91.0	136.4
77	44.7	37.4	56.0
79	43.0	36.6	55.0

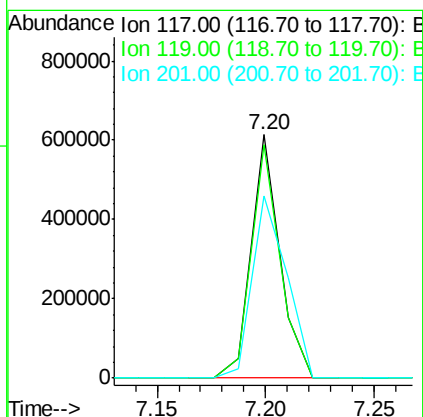
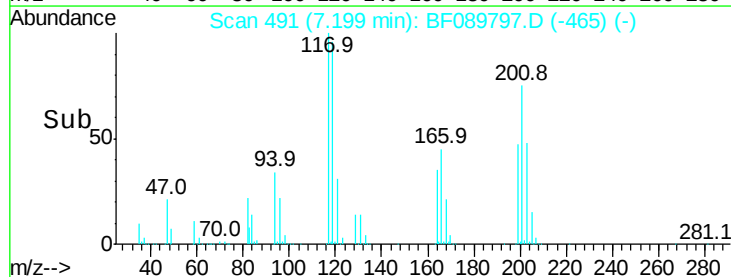
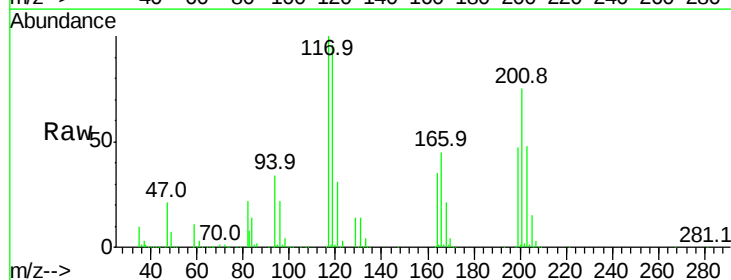
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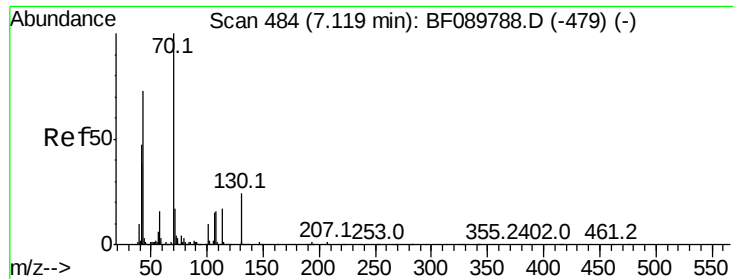
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#18
Hexachloroethane
Concen: 38.74 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.1	115.7
201	74.9	76.9	115.3#





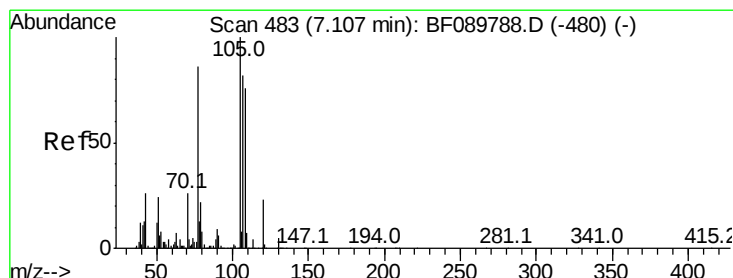
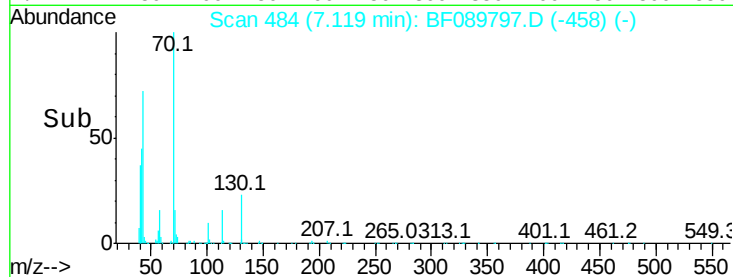
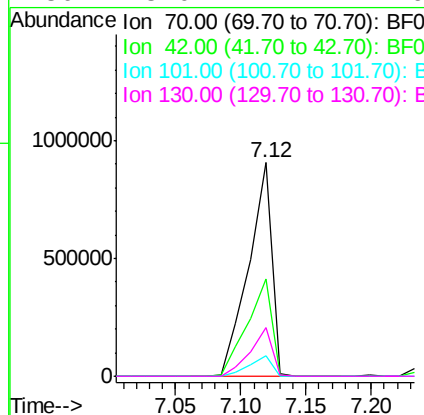
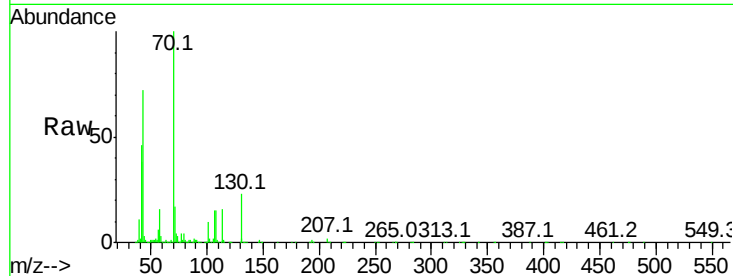
#19
n-Nitroso-di-n-propylamine
Concen: 45.29 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampled :
PB92975BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.6	46.3	69.5#
101	9.9	7.0	10.6
130	23.0	14.4	21.6#

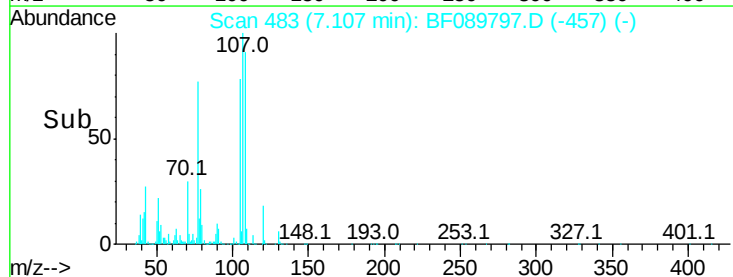
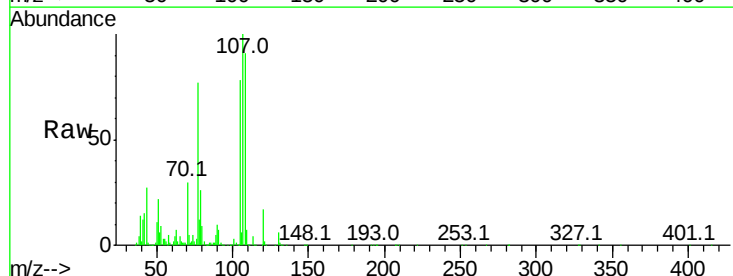
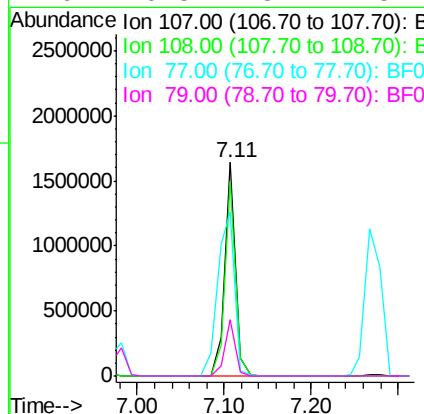
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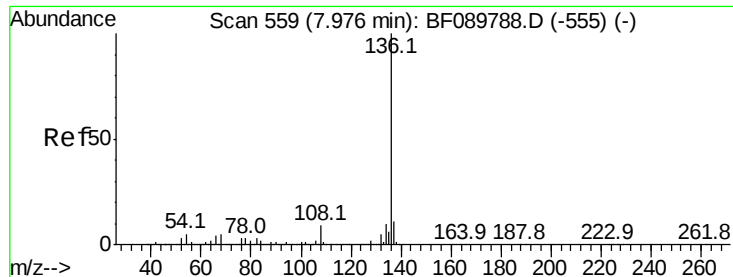
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#20
3+4-Methylphenols
Concen: 39.53 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.2	108.2
77	76.7	122.3	162.3#
79	26.5	8.2	48.2





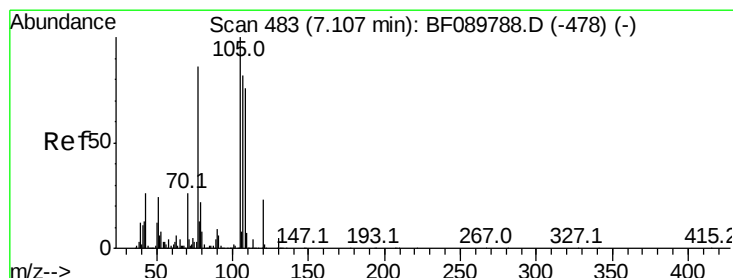
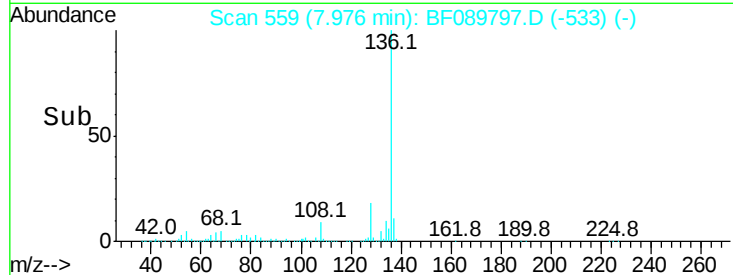
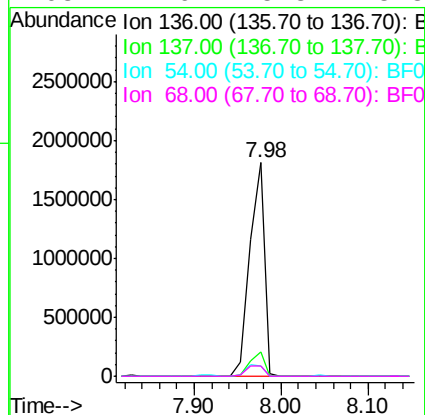
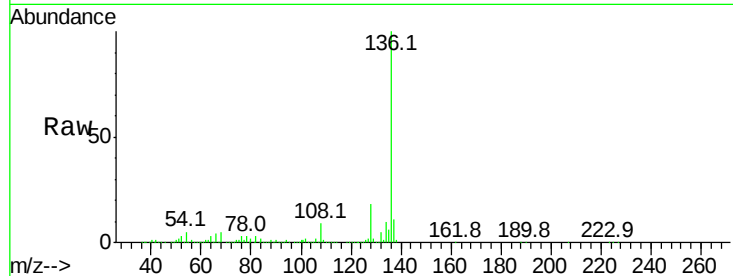
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.9	7.2	10.8#
68	4.6	5.8	8.8#

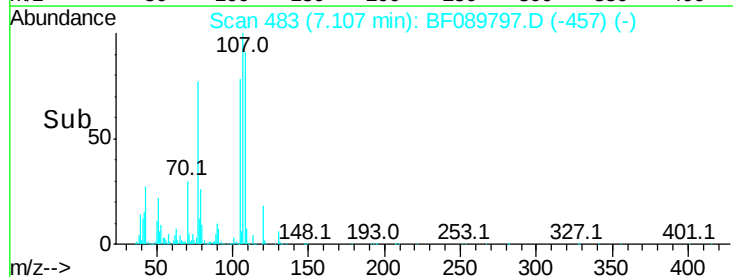
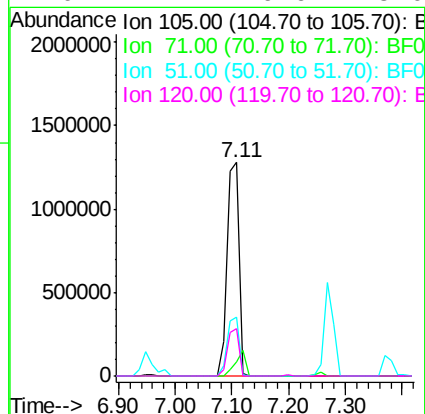
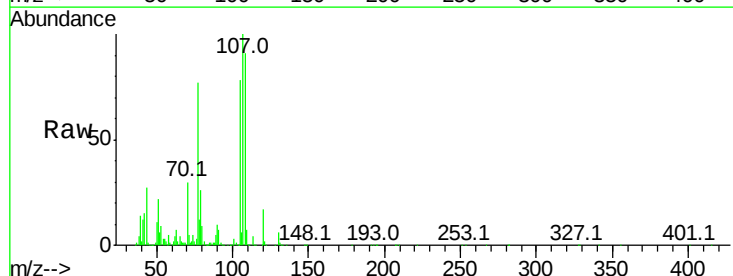
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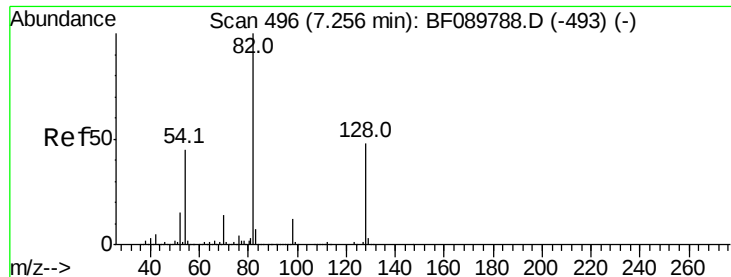
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#22
Acetophenone
Concen: 38.30 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.6	1.9	2.9#
51	27.9	28.5	42.7#
120	22.4	16.6	25.0





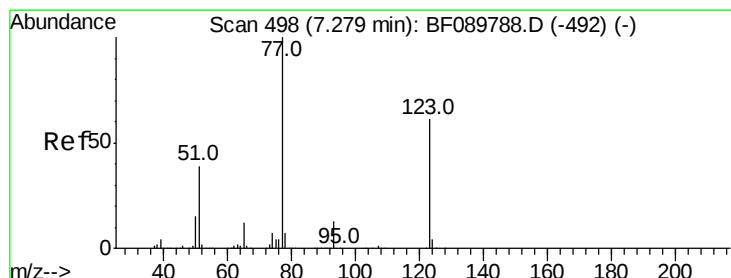
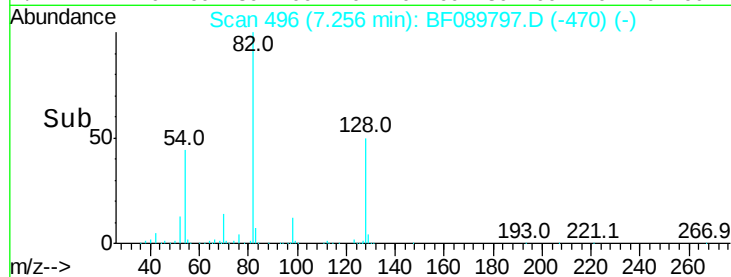
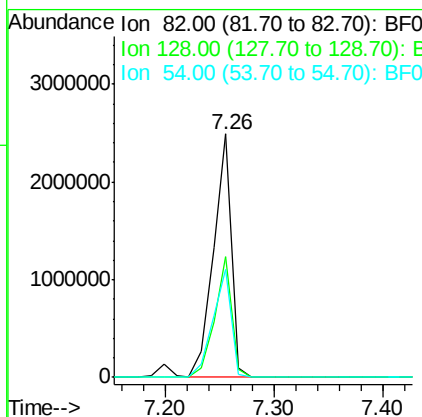
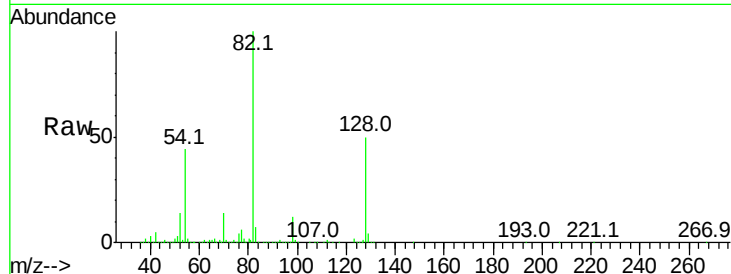
#23
 Nitrobenzene-d5
 Concen: 83.35 ng
 RT: 7.26 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.8	34.4	51.6
54	44.2	40.3	60.5

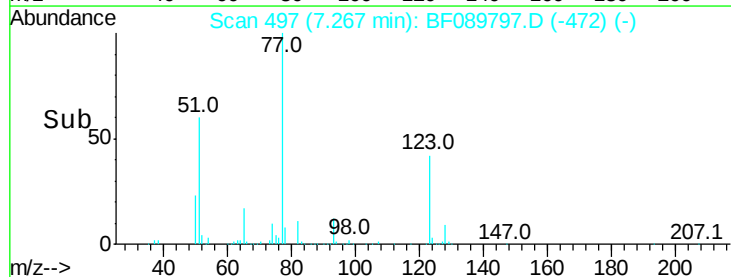
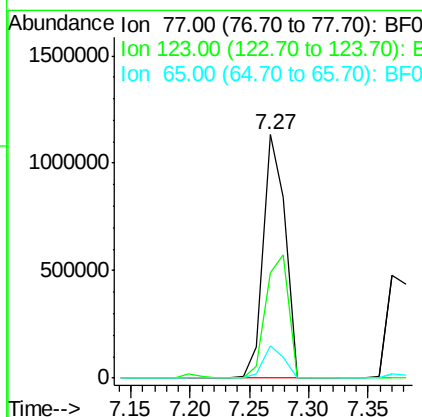
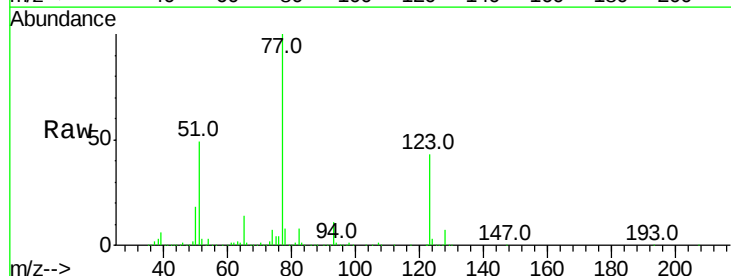
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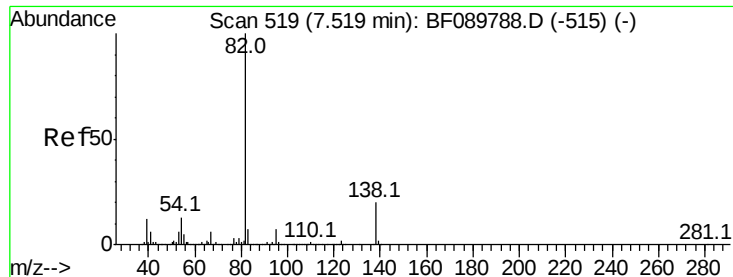
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#24
 Nitrobenzene
 Concen: 37.78 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	36.2	54.2
65	13.6	10.6	15.8





#25

Isophorone

Concen: 41.01 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

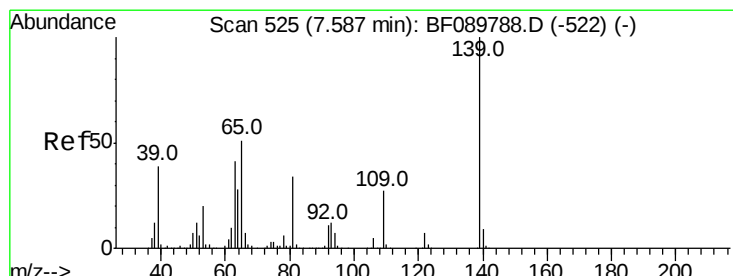
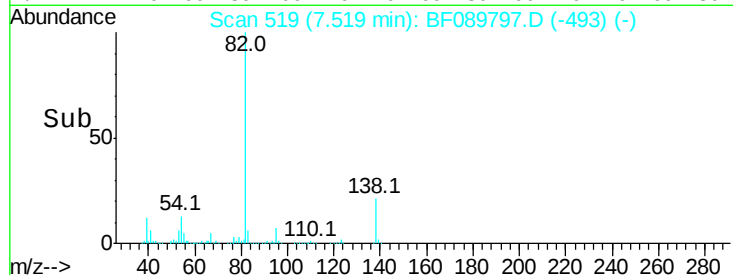
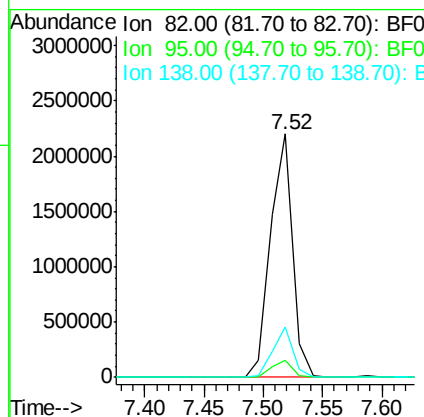
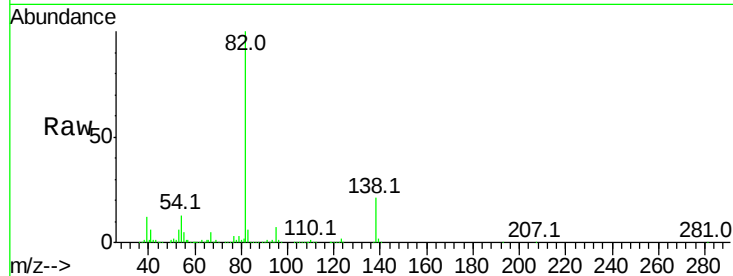
ClientSampled :

PB92975BS

Tot Ion:	82	Resp:	2845802
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.3	7.9
138	20.8	13.0	19.4

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#26

2-Nitrophenol

Concen: 40.55 ng

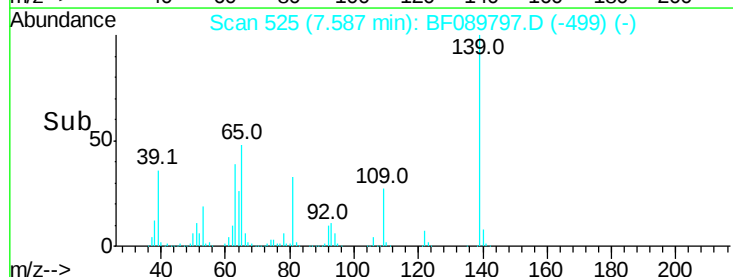
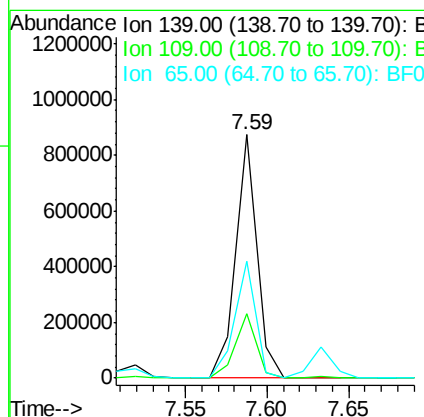
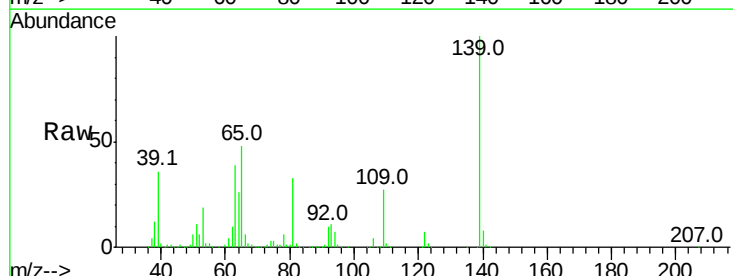
RT: 7.59 min Scan# 525

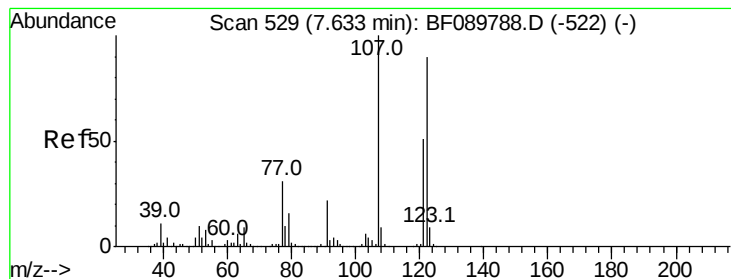
Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Tgt Ion:	139	Resp:	781127
Ion	Ratio	Lower	Upper
139	100		
109	26.6	19.5	29.3
65	48.1	26.5	39.7





#27

2,4-Dimethylphenol

Concen: 39.56 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

Tot Ion:122 Resp: 1373367

Ion Ratio Lower Upper

122 100

107 111.8 84.8 127.2

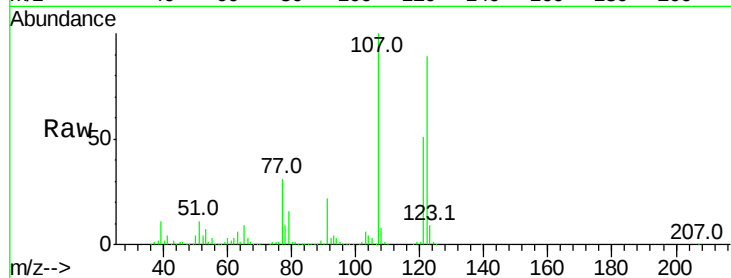
121 57.4 47.0 70.6

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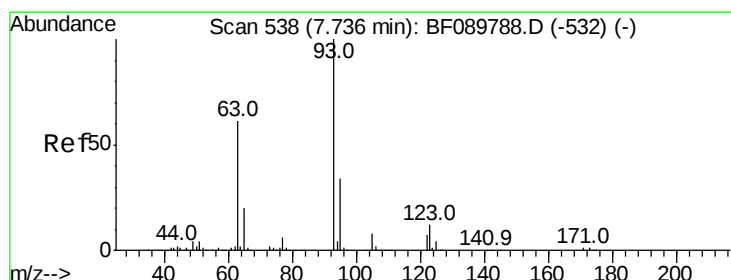
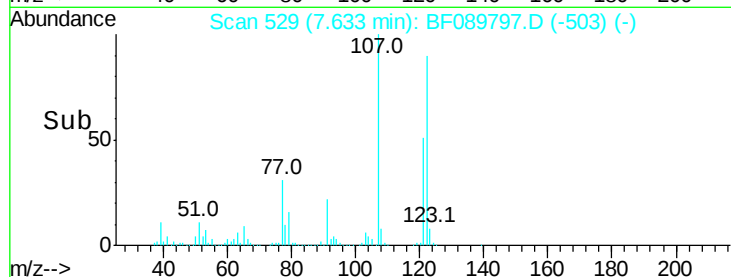
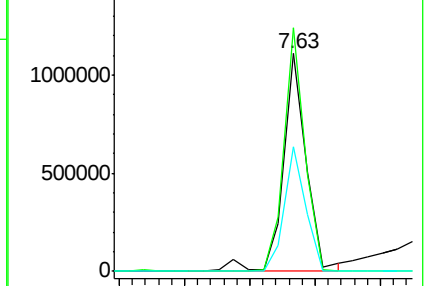
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.49 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

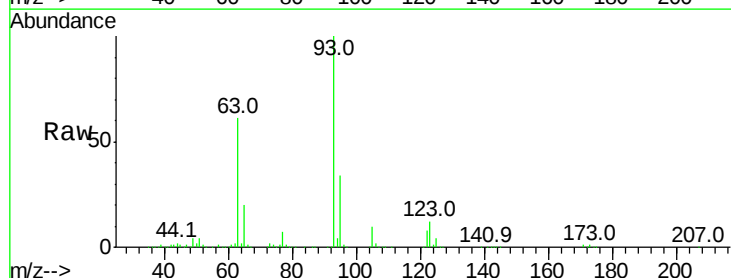
Tgt Ion: 93 Resp: 1996235

Ion Ratio Lower Upper

93 100

95 33.9 25.5 38.3

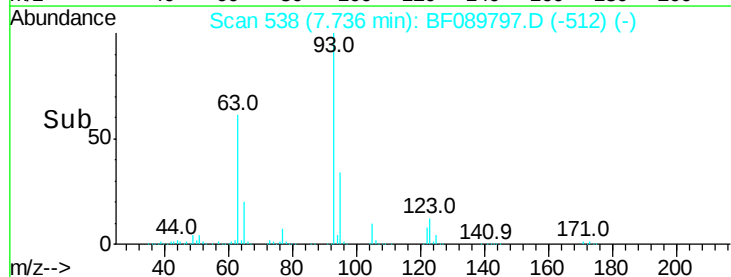
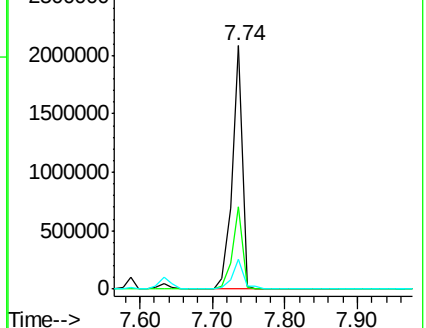
123 12.2 8.5 12.7

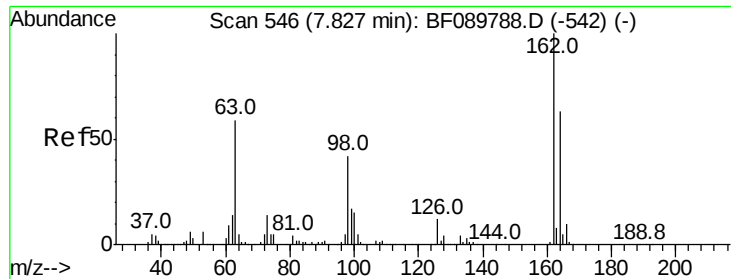


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





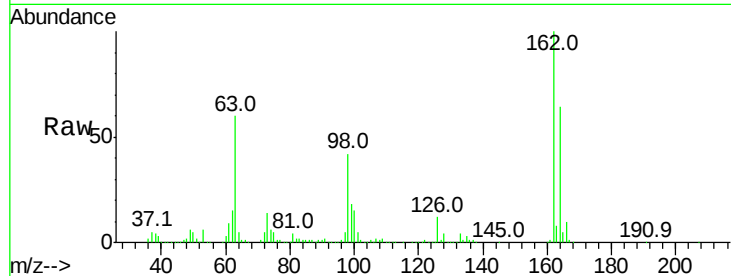
#29
 2,4-Dichlorophenol
 Concen: 40.45 ng
 RT: 7.83 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

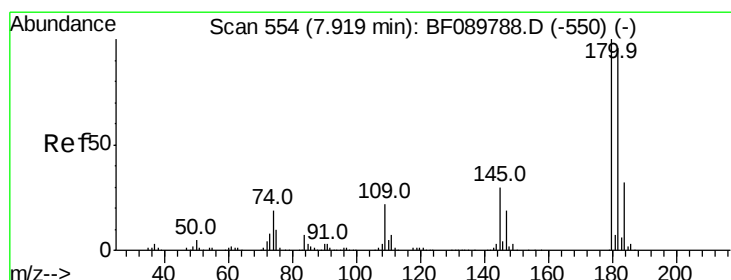
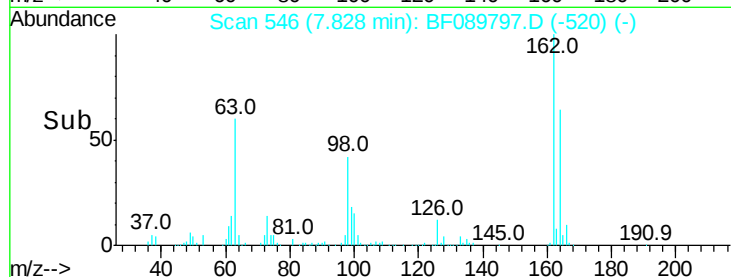
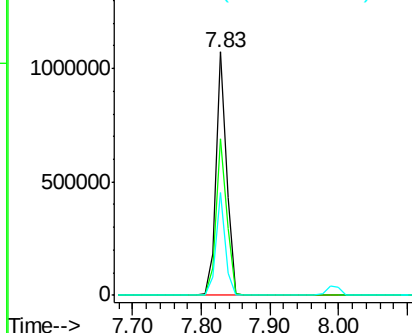
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.5	85.5
98	42.3	12.4	52.4

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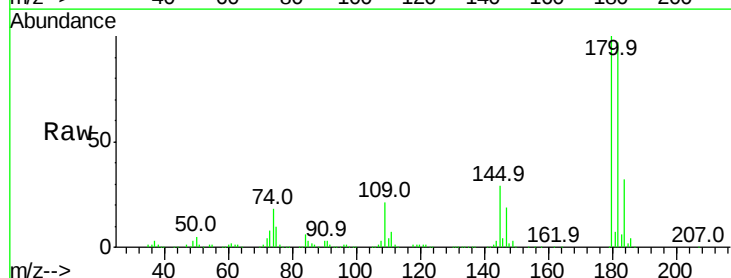


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

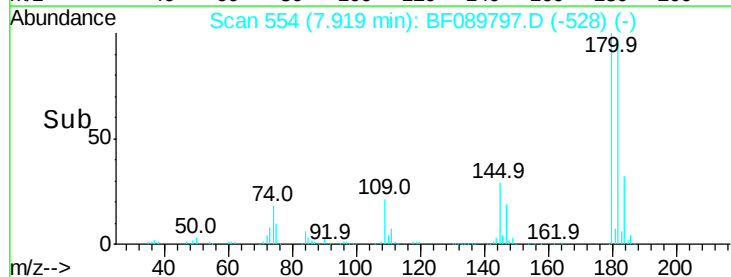
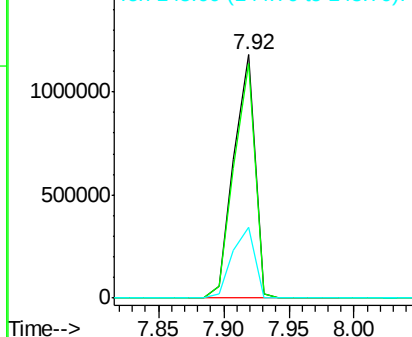


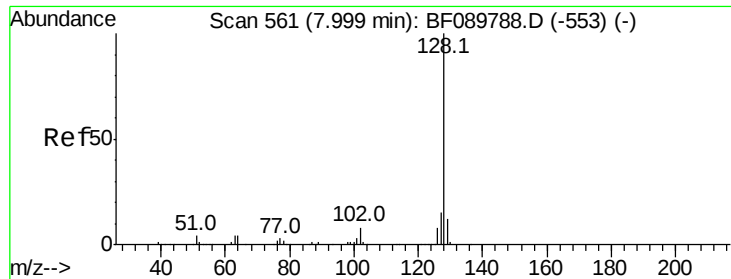
#30
 1,2,4-Trichlorobenzene
 Concen: 41.03 ng
 RT: 7.92 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.5	113.3
145	29.1	28.7	43.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





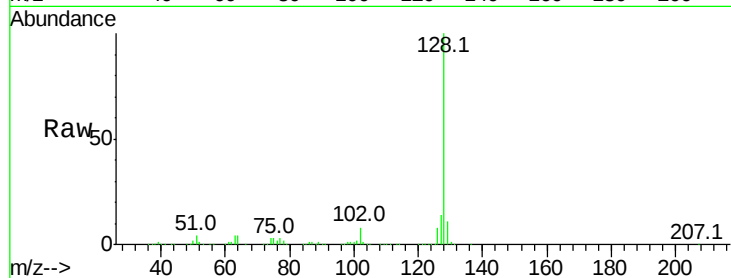
#31
Naphthalene
Concen: 41.09 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

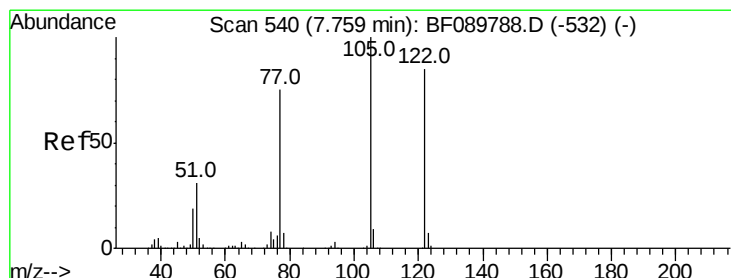
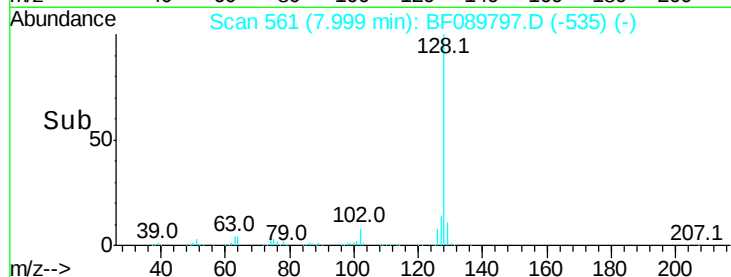
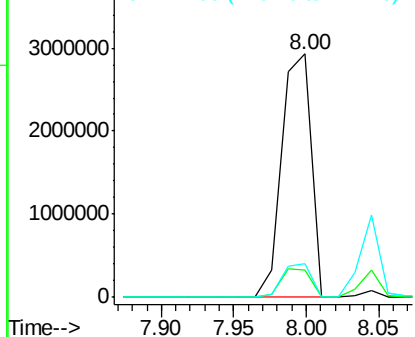
Tot Ion:128 Resp: 4105718
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.9 11.3 16.9

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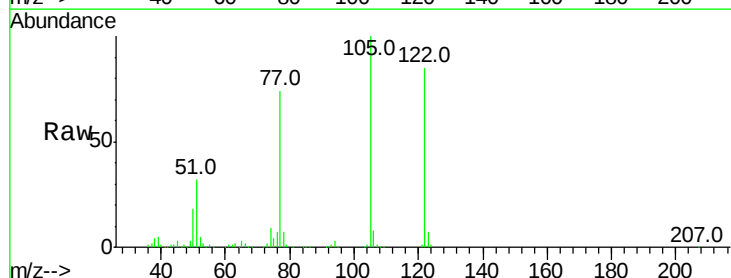


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

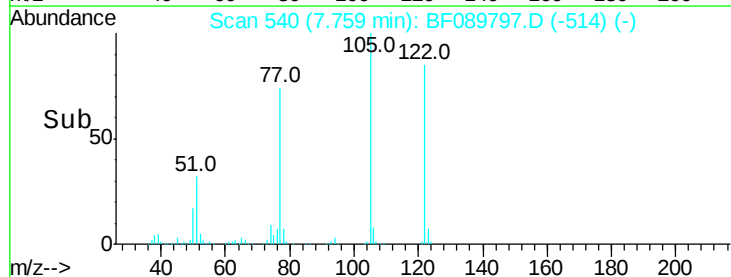
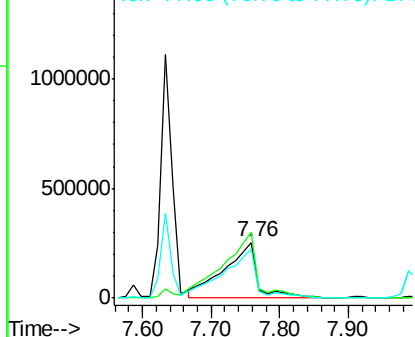


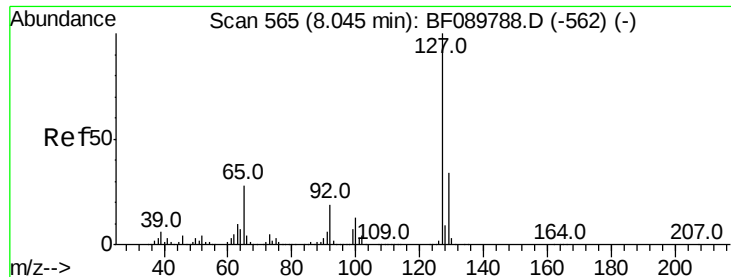
#32
Benzoic acid
Concen: 31.92 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion:122 Resp: 863439
Ion Ratio Lower Upper
122 100
105 118.1 100.8 140.8
77 87.9 72.1 112.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





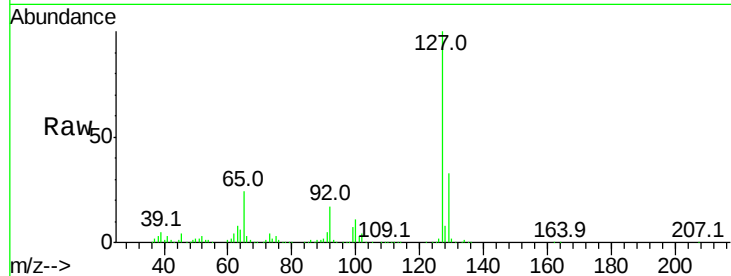
#33
4-Chloroaniline
Concen: 22.10 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

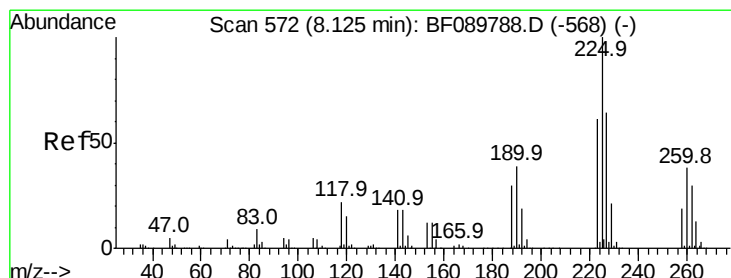
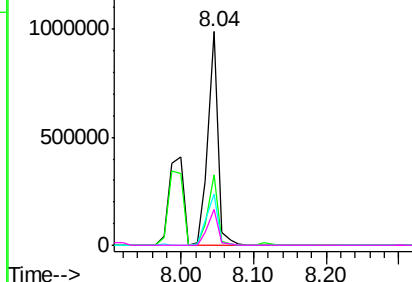
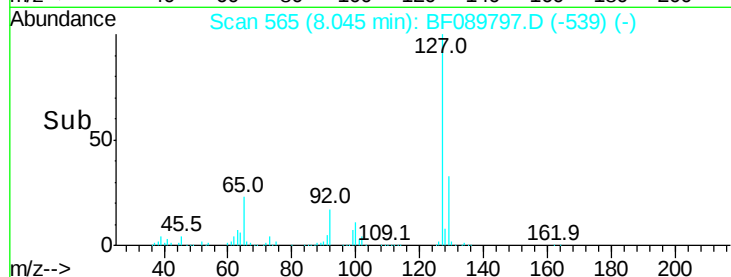
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	27.0	40.6	
65	24.1	14.7	22.1	
92	17.0	11.7	17.5	

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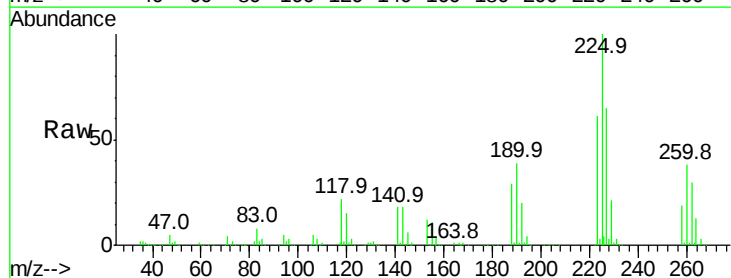


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

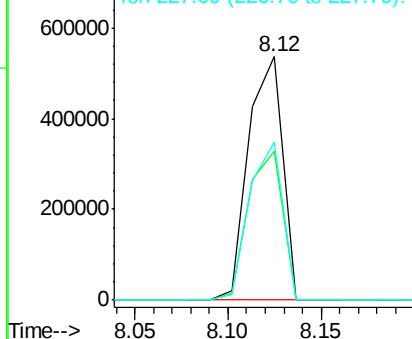
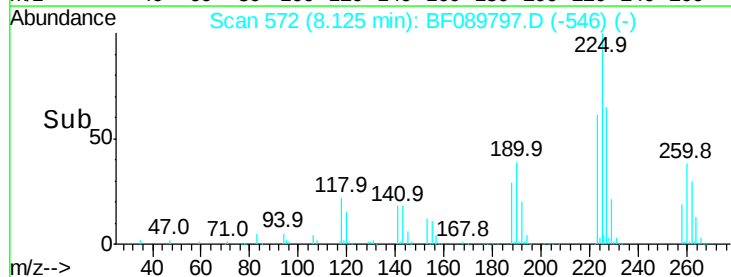


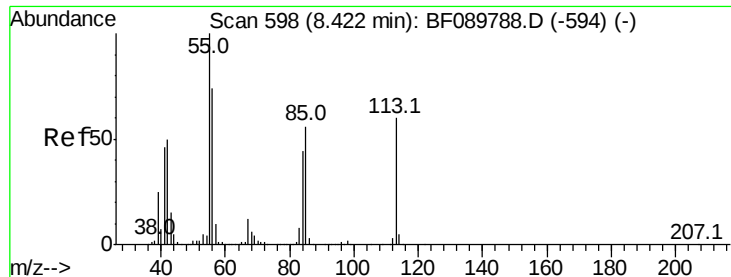
#34
Hexachlorobutadiene
Concen: 40.13 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	51.0	76.6	
227	64.6	49.8	74.6	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





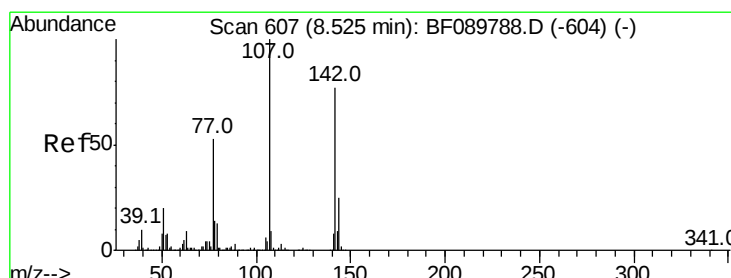
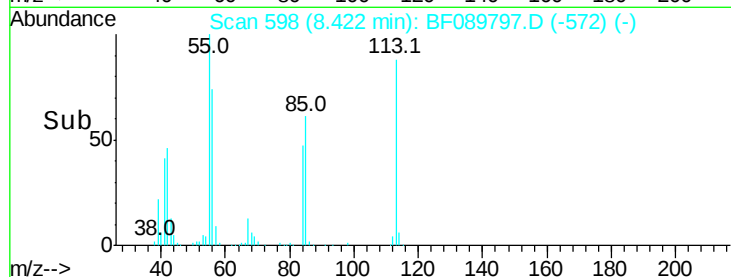
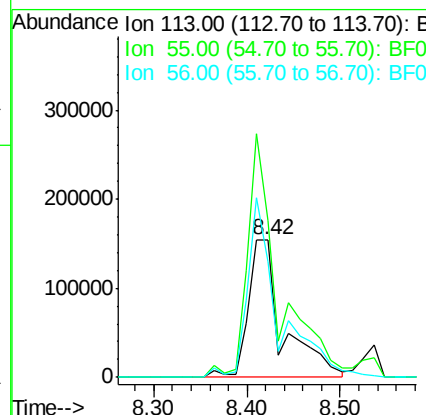
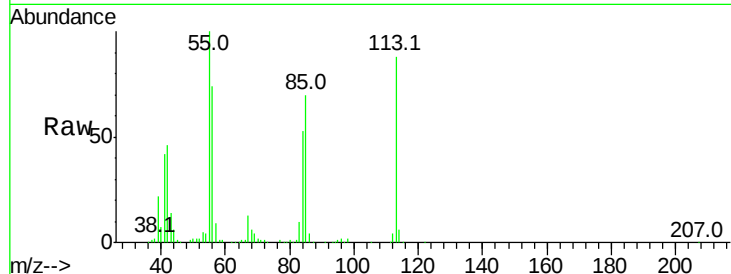
#35
 Caprolactam
 Concen: 44.52 ng
 RT: 8.42 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	113.7	135.9	175.9#	
56	84.0	93.9	133.9#	

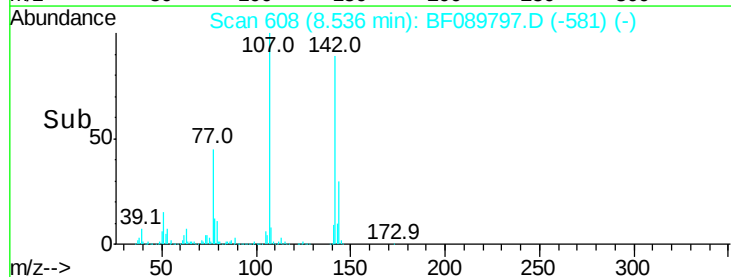
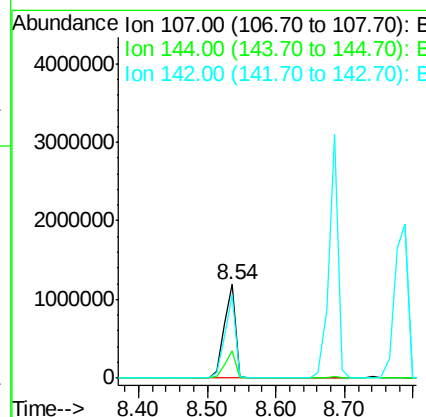
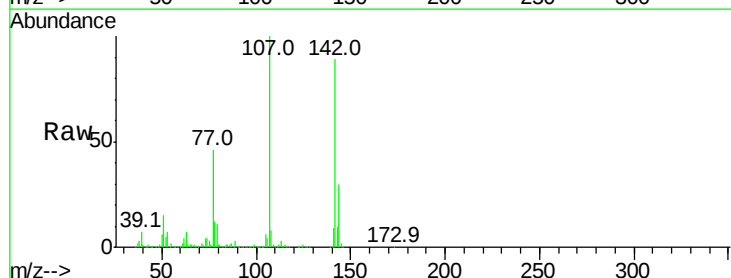
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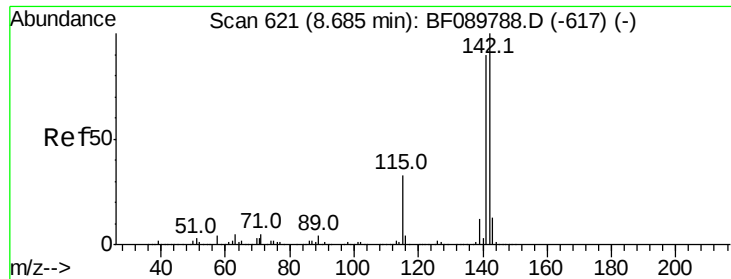
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#36
 4-Chloro-3-methylphenol
 Concen: 44.07 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	29.8	22.6	34.0	
142	89.2	69.3	103.9	





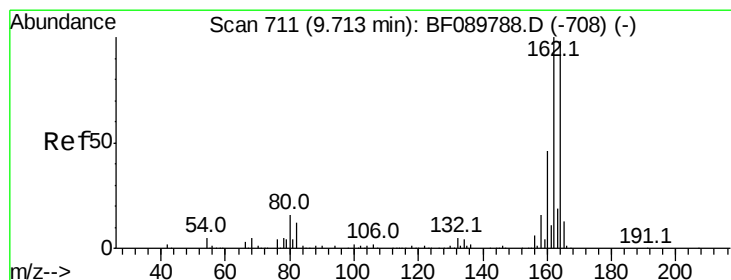
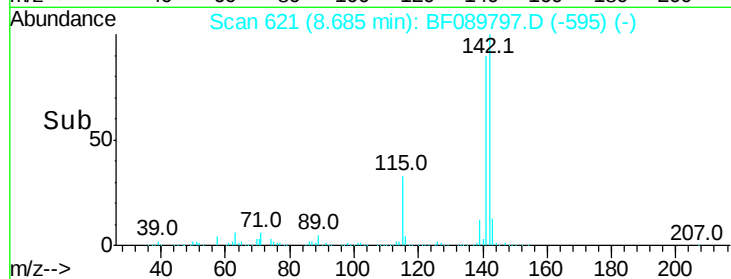
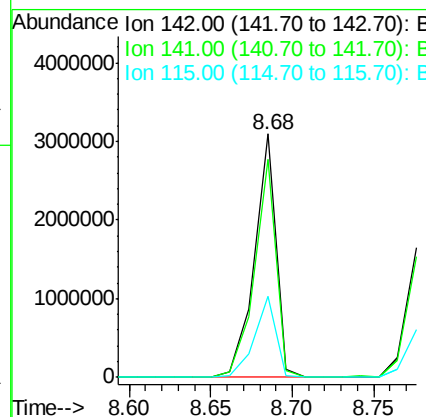
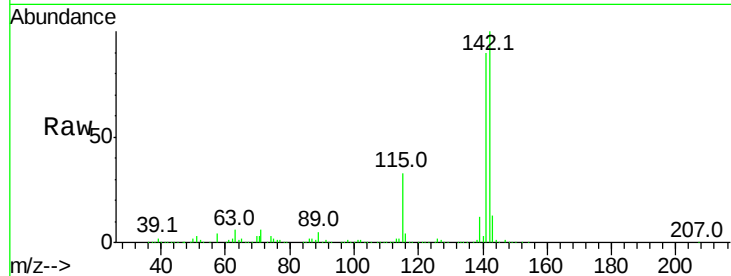
#37
2-Methylnaphthalene
Concen: 43.93 ng
RT: 8.68 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

Tot Ion:142 Resp: 2839573
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2
115 33.4 22.7 34.1

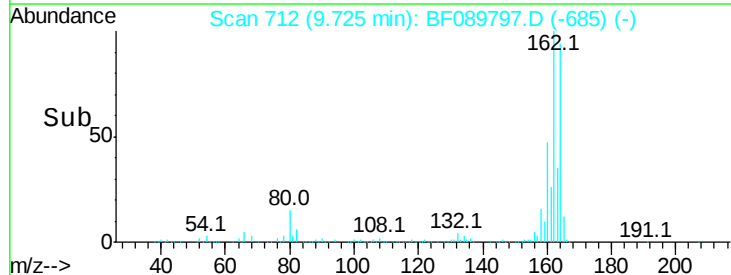
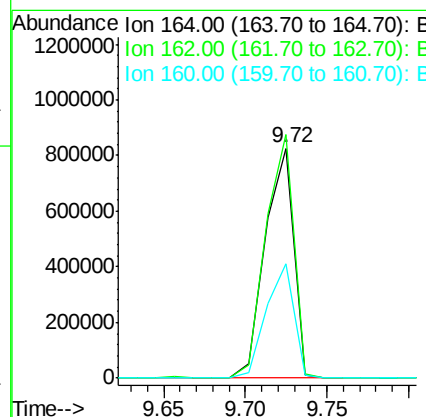
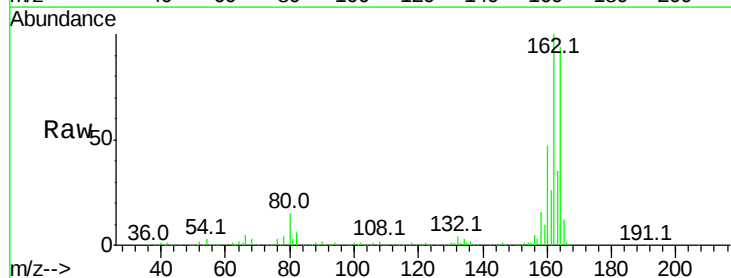
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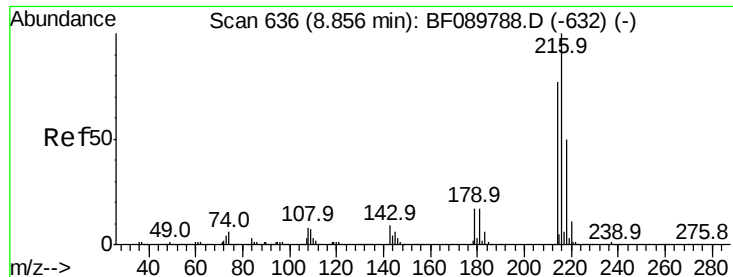
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion:164 Resp: 1004284
Ion Ratio Lower Upper
164 100
162 105.9 81.4 122.2
160 49.5 37.8 56.6





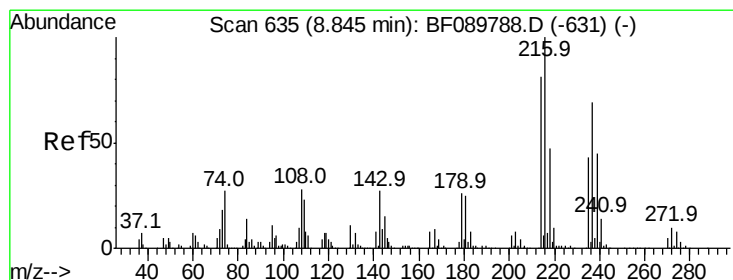
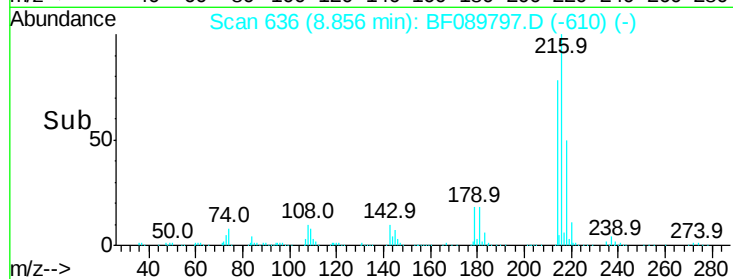
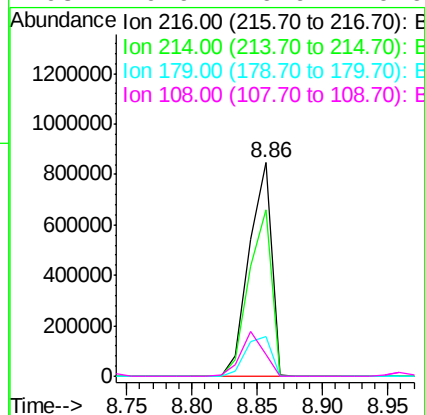
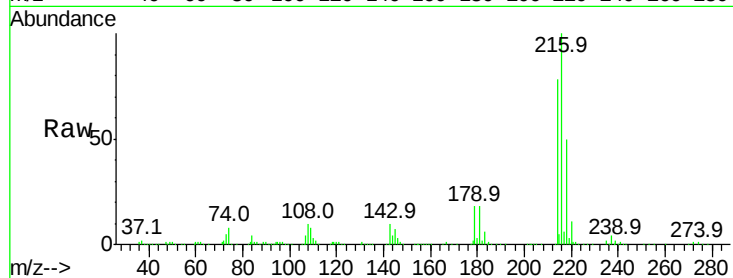
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.24 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Tot Ion:	216	Resp:	1015829
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.5	95.3
179	21.2	19.9	29.9
108	20.9	19.9	29.9

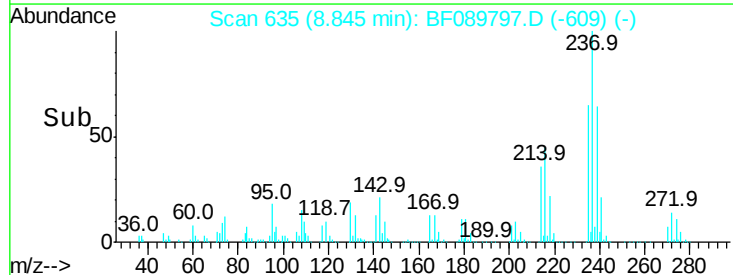
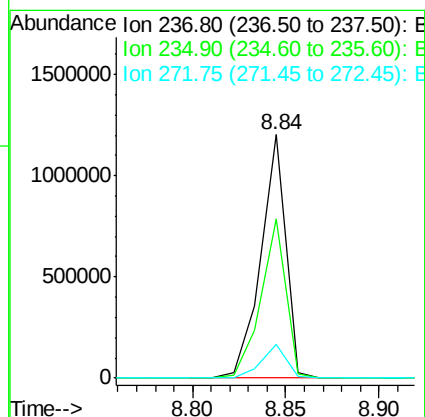
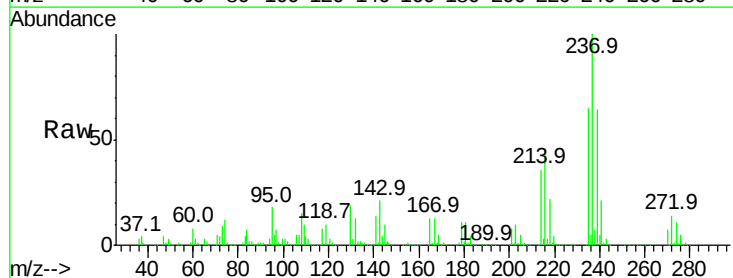
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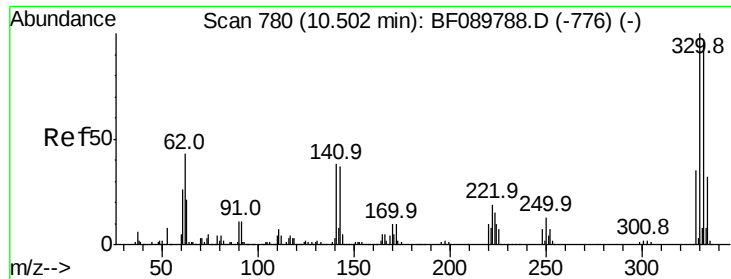
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#40
 Hexachlorocyclopentadiene
 Concen: 98.17 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion:	237	Resp:	1108400
Ion Ratio	Lower	Upper	
237	100		
235	65.1	43.7	83.7
272	13.8	0.0	31.6





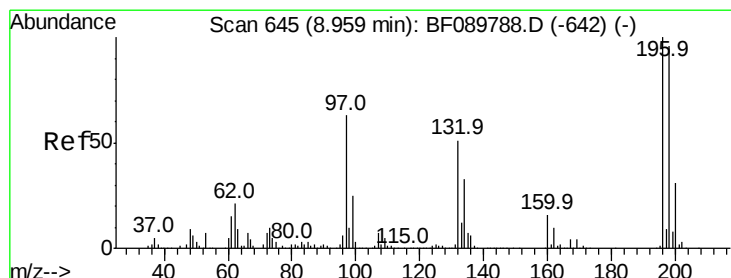
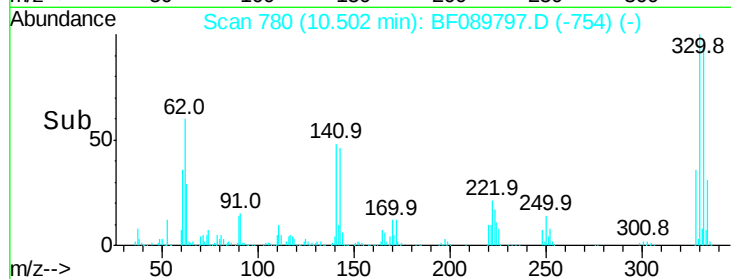
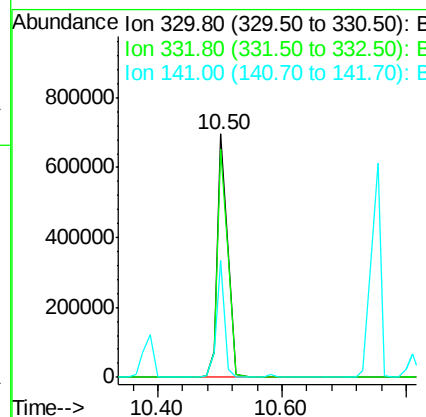
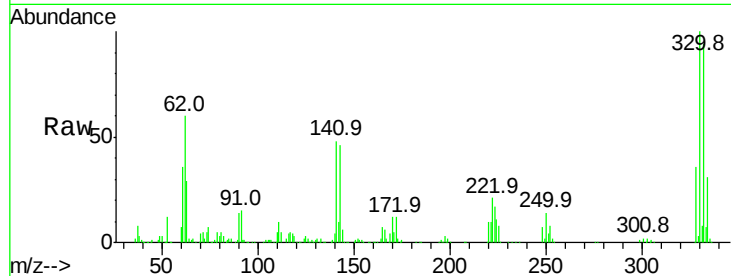
#41
 2,4,6-Tribromophenol
 Concen: 83.16 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampled :
 PB92975BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	793704		
332	94.8	76.7	115.1	
141	37.9	30.2	45.2	

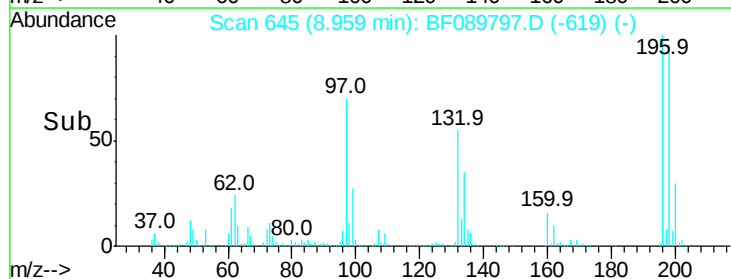
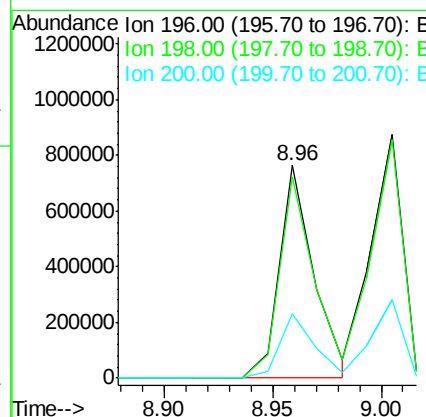
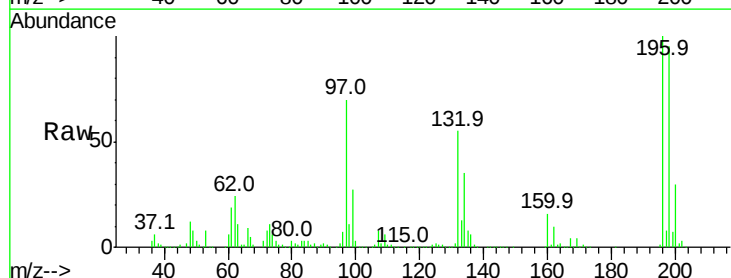
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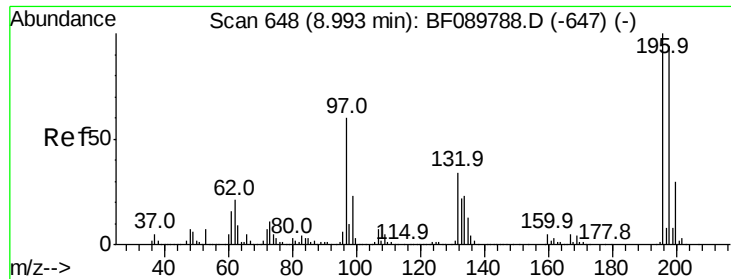
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#42
 2,4,6-Trichlorophenol
 Concen: 41.59 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	850985		
198	94.6	76.3	114.5	
200	30.2	24.6	36.8	





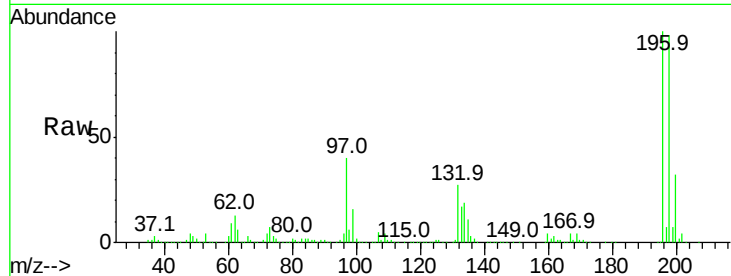
#43
 2,4,5-Trichlorophenol
 Concen: 43.67 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

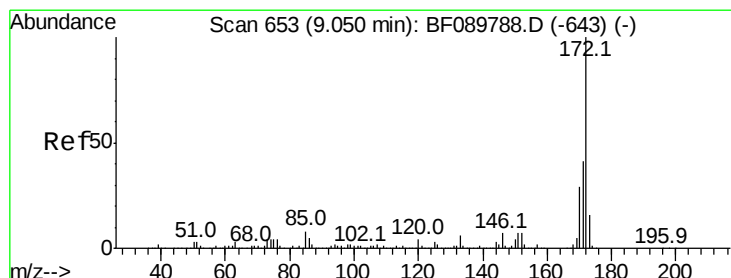
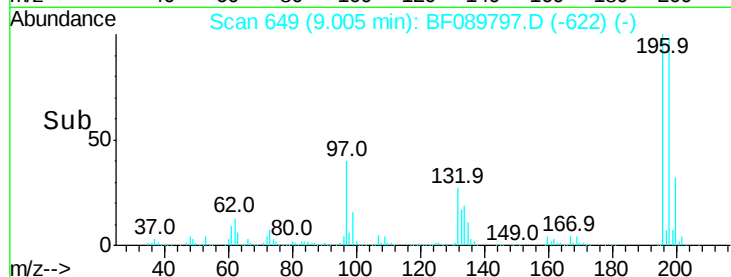
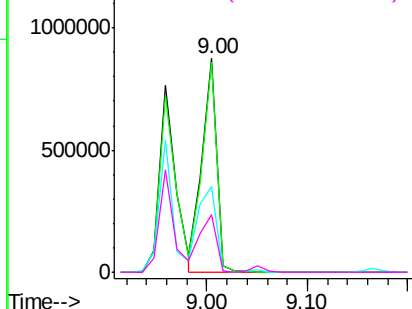
Tot Ion:	196	Resp:	888690
Ion Ratio	Lower	Upper	
196	100		
198	98.1	76.6	114.8
97	40.2	35.8	53.8
132	26.9	23.5	35.3

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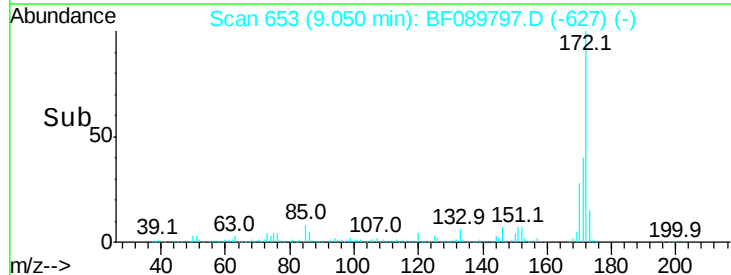
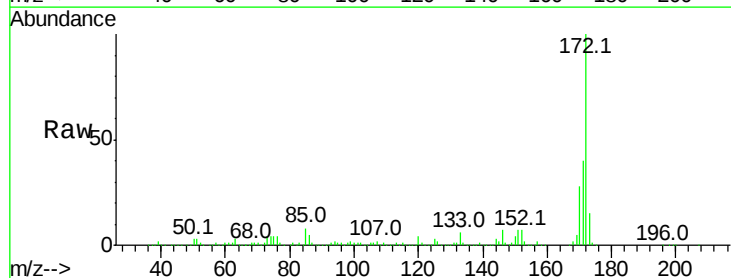
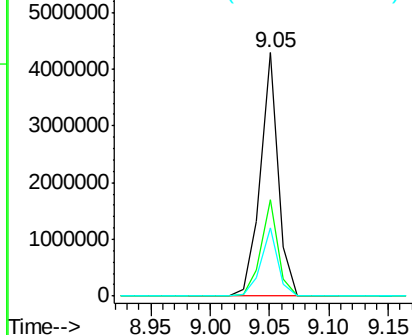
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

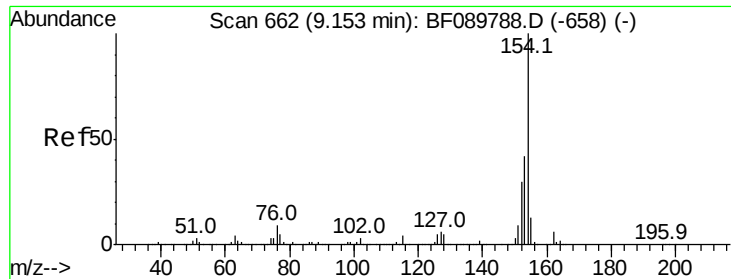


#44
 2-Fluorobiphenyl
 Concen: 79.10 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion:	172	Resp:	4519685
Ion Ratio	Lower	Upper	
172	100		
171	39.7	30.5	45.7
170	28.0	20.6	31.0

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





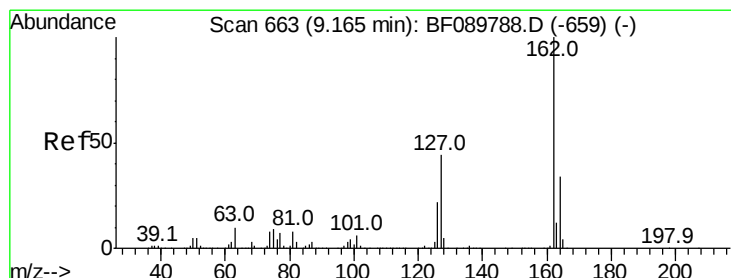
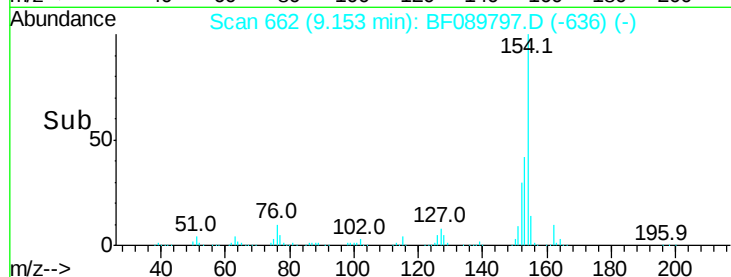
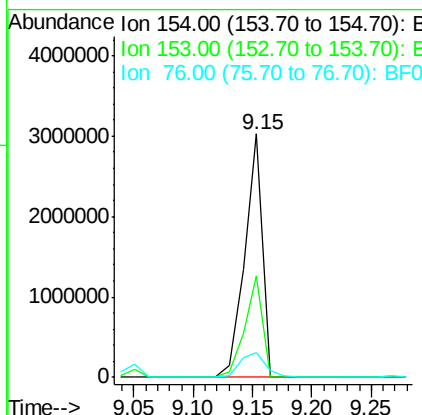
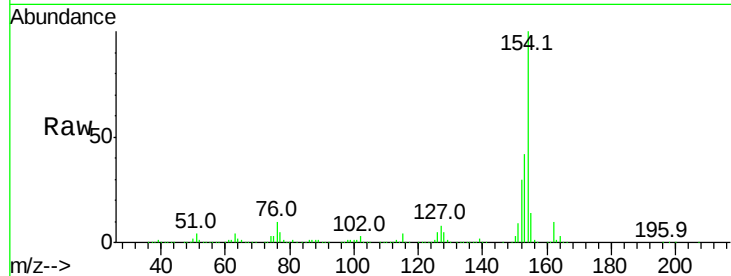
#45
 1,1'-Biphenyl
 Concen: 40.02 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.5	61.5
76	10.4	0.0	36.7

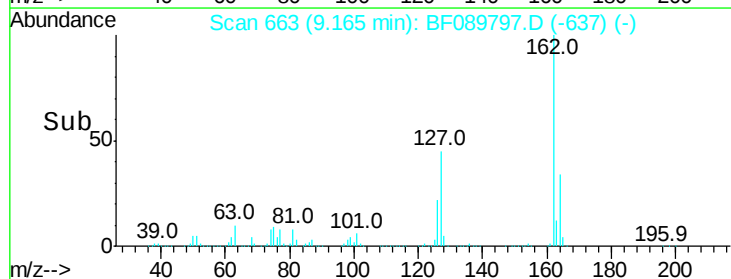
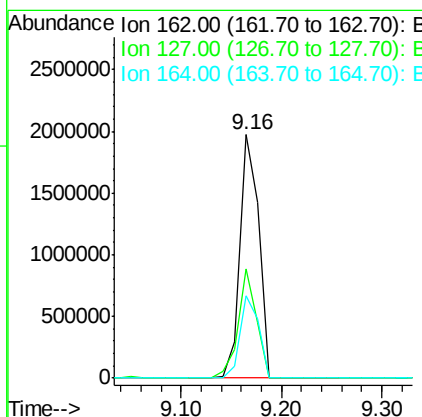
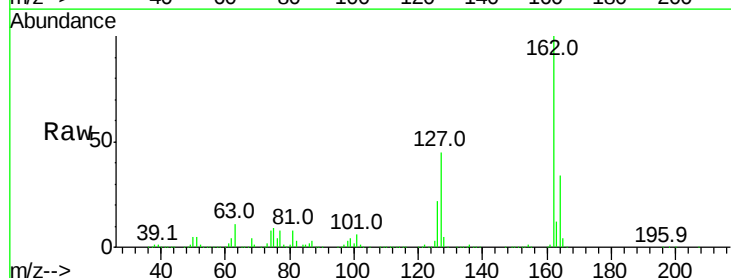
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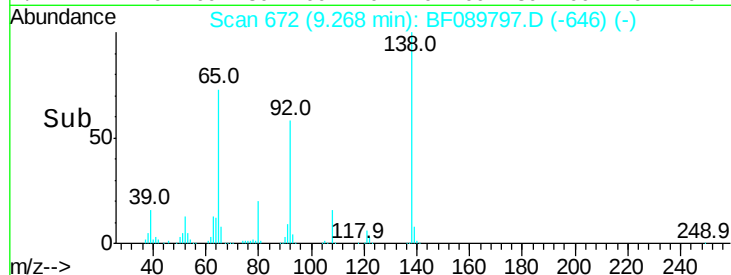
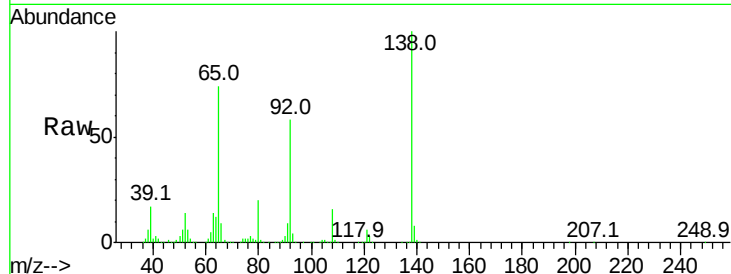
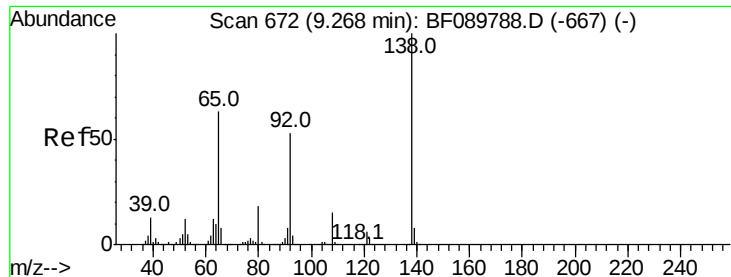
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#46
 2-Chloronaphthalene
 Concen: 41.44 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.7	35.5	53.3
164	34.0	26.6	40.0





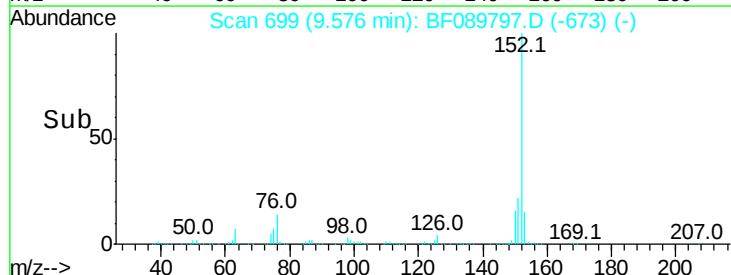
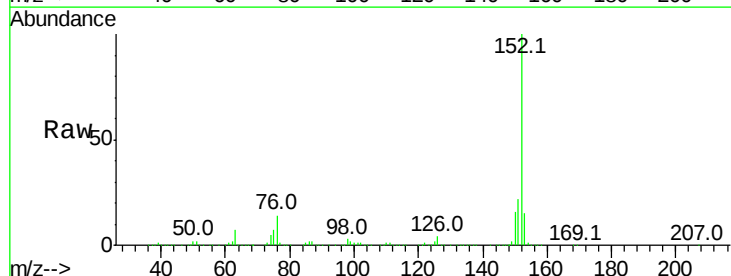
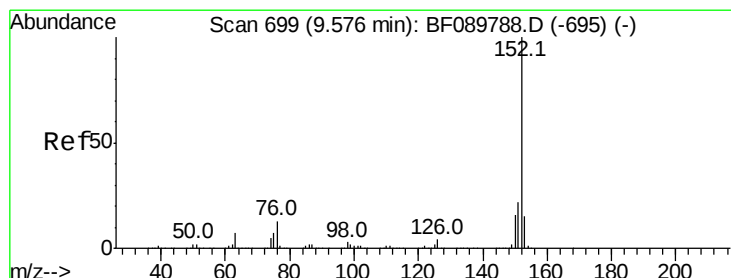
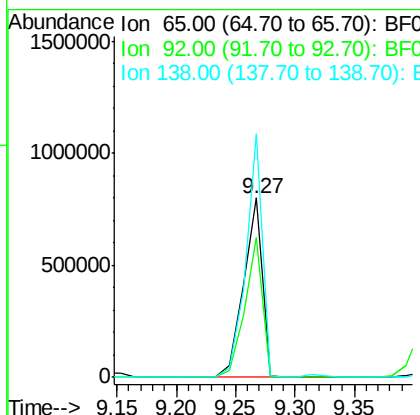
#47
2-Nitroaniline
Concen: 49.85 ng
RT: 9.27 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.1	56.3	84.5
138	135.9	81.8	122.8

Instrument :
BNA_F
ClientSampled :
PB92975BS

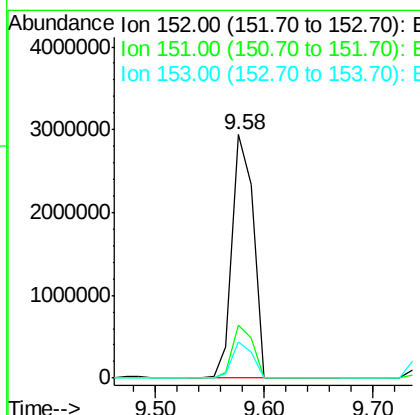
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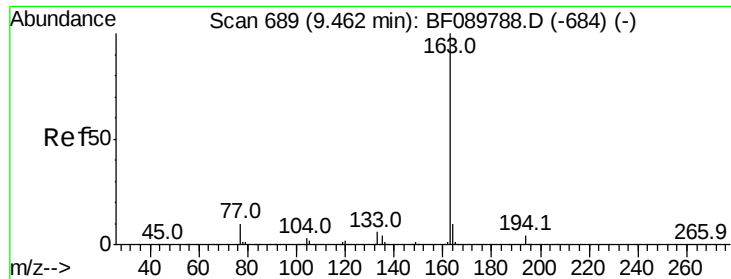
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#48
Acenaphthylene
Concen: 42.26 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.1	25.7
153	14.8	11.2	16.8





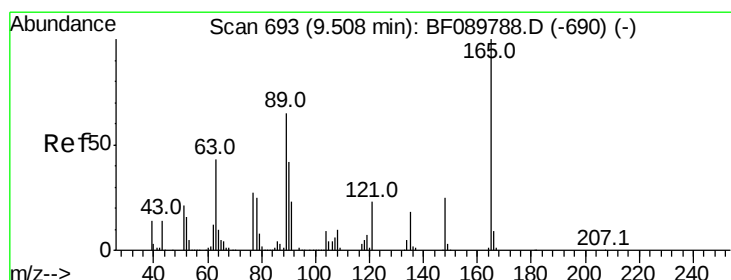
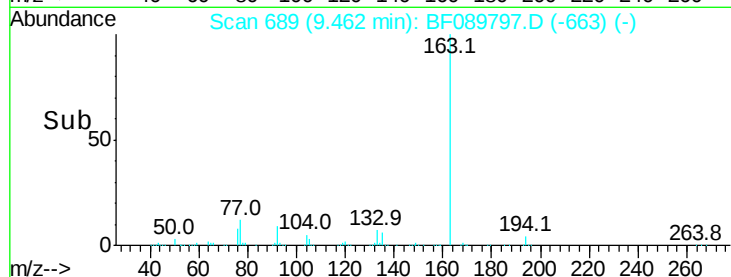
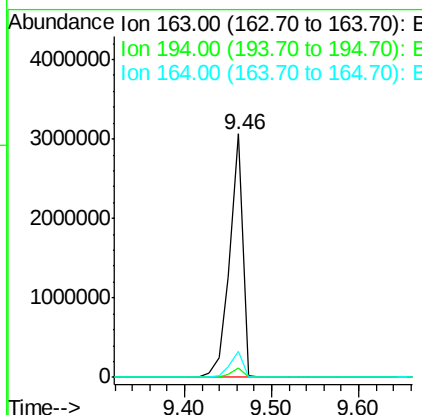
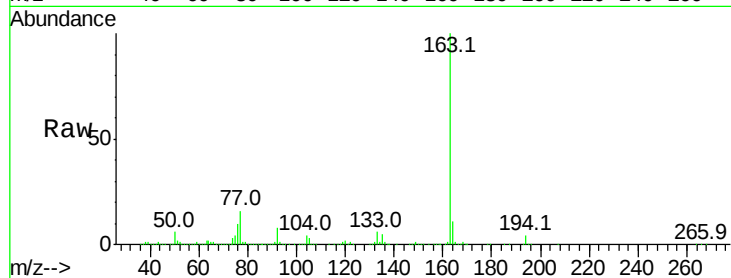
#49
Dimethylphthalate
Concen: 45.09 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	3.8
164	10.9	8.6	12.8

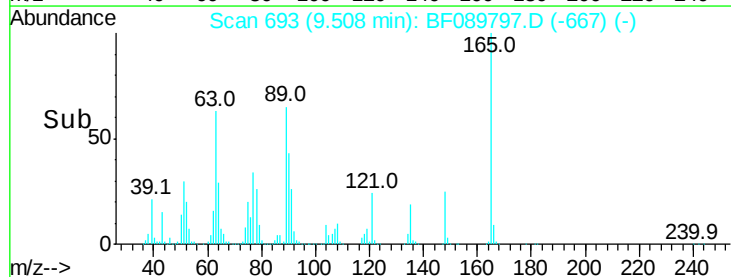
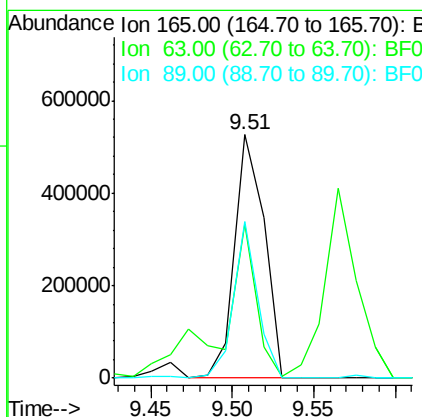
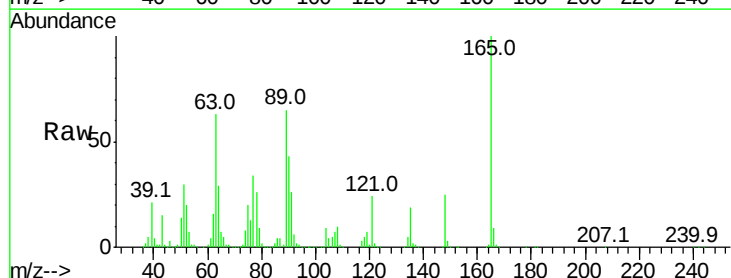
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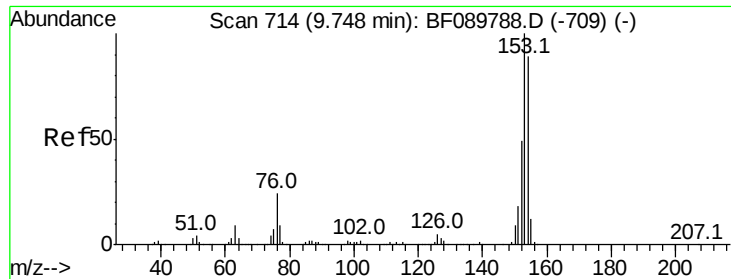
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#50
2,6-Dinitrotoluene
Concen: 40.16 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.4	41.7	62.5#
89	64.6	44.6	67.0





#51

Acenaphthene

Concen: 48.86 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

Tot Ion:154 Resp: 2984988

Ion Ratio Lower Upper

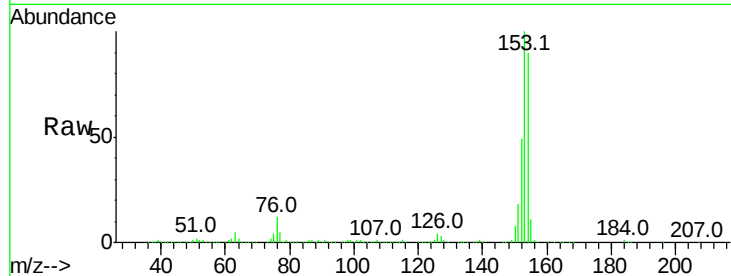
154 100

153 110.6 90.5 135.7

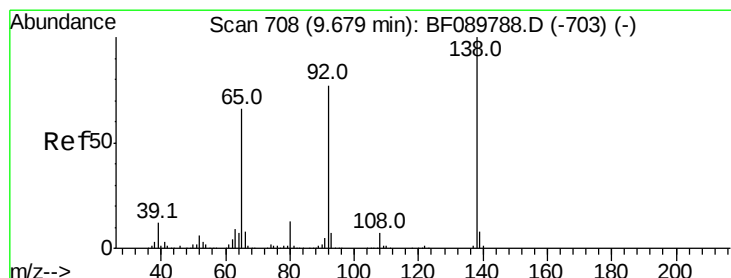
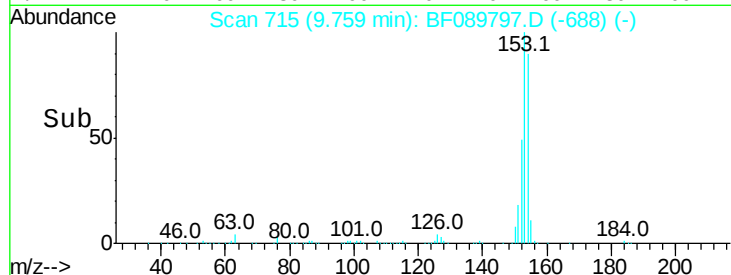
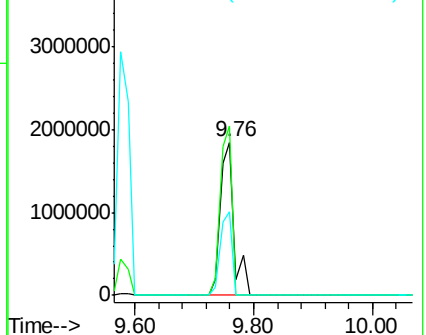
152 54.7 44.6 67.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.38 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

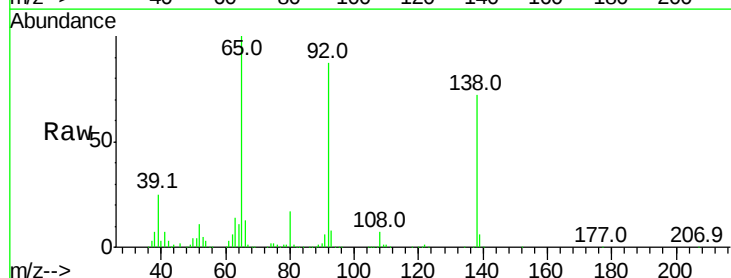
Tgt Ion:138 Resp: 477087

Ion Ratio Lower Upper

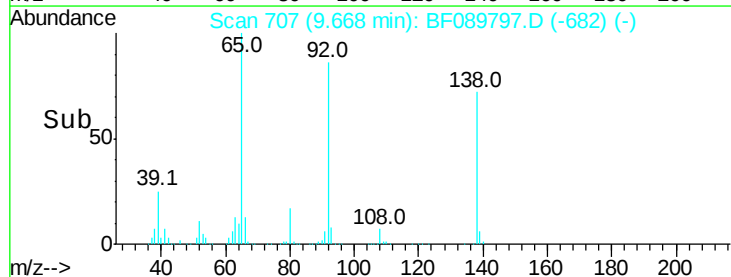
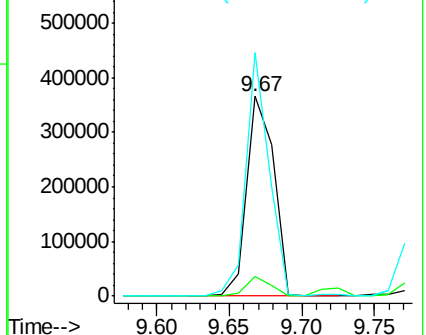
138 100

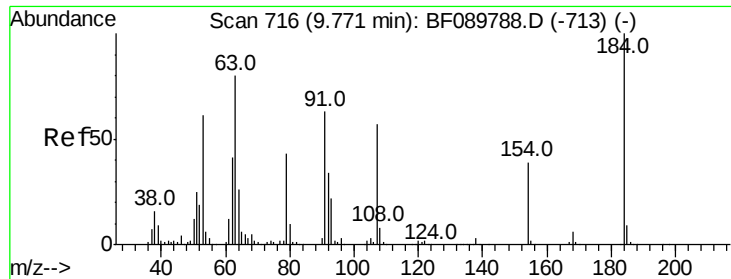
108 9.8 8.1 12.1

92 121.8 92.7 139.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





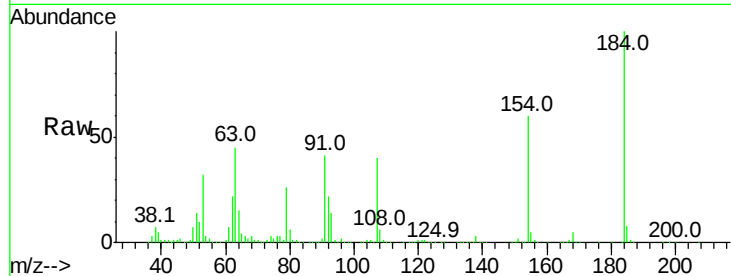
#53
2,4-Dinitrophenol
Concen: 80.09 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampled :
PB92975BS

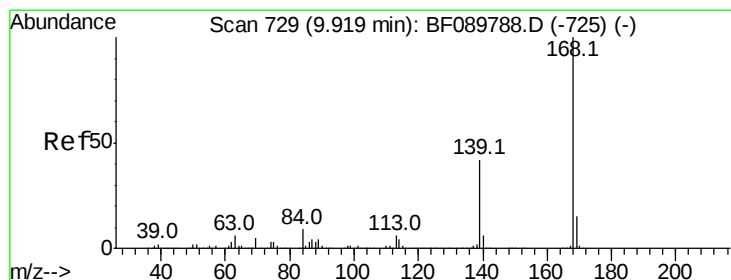
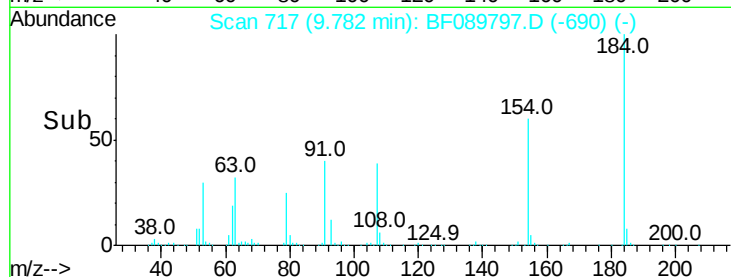
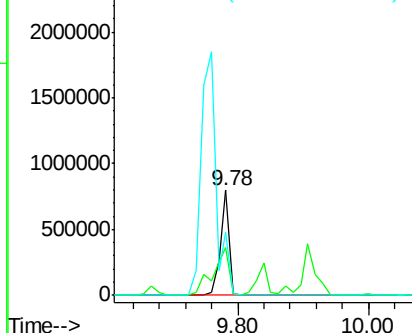
Tot Ion	Ratio	Lower	Upper
184	100		
63	45.0	54.2	81.4#
154	59.9	52.7	79.1

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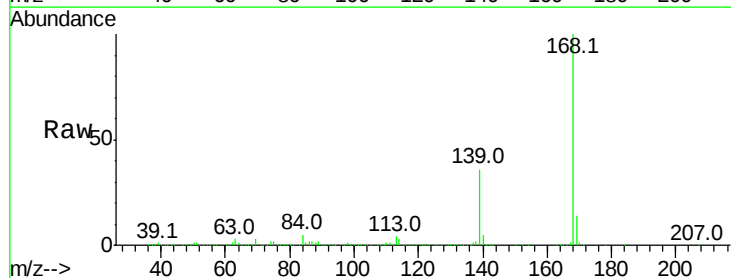


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

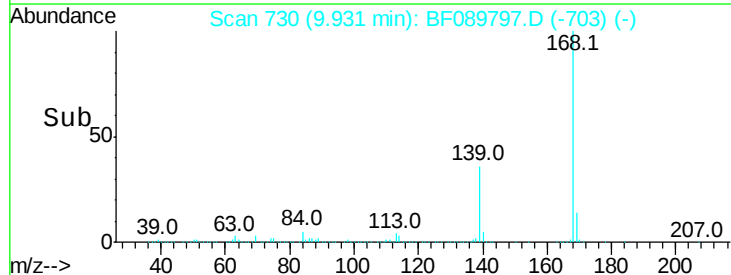
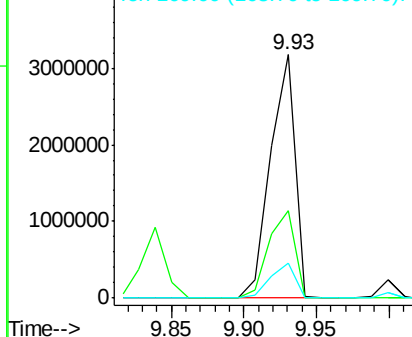


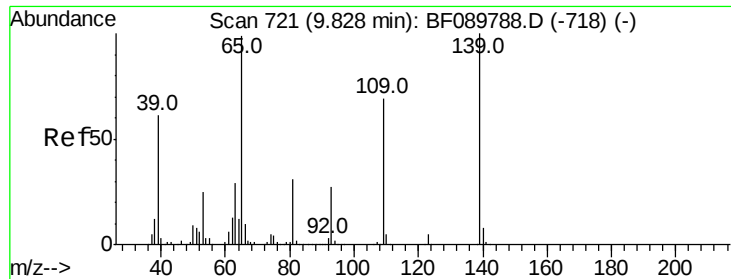
#54
Dibenzofuran
Concen: 48.44 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	34.6	52.0
169	14.3	11.5	17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





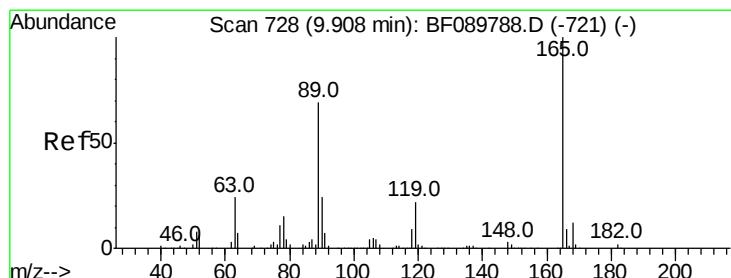
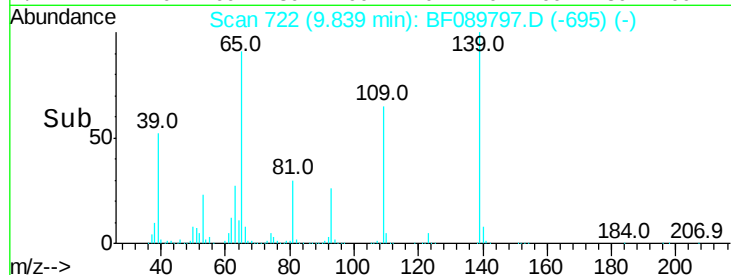
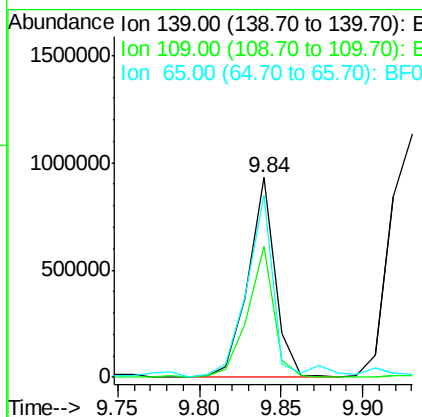
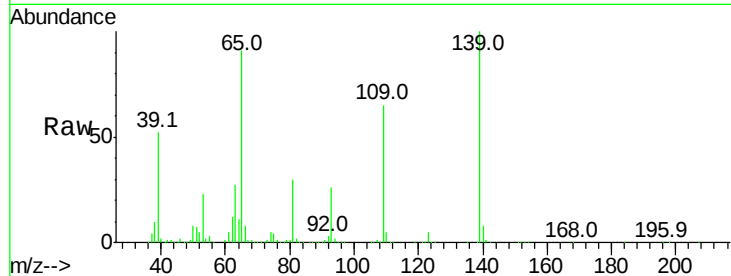
#55
4-Nitrophenol
Concen: 73.35 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampled :
PB92975BS

Tot Ion:139 Resp: 1082920
Ion Ratio Lower Upper
139 100
109 65.4 43.0 83.0
65 91.1 55.7 95.7

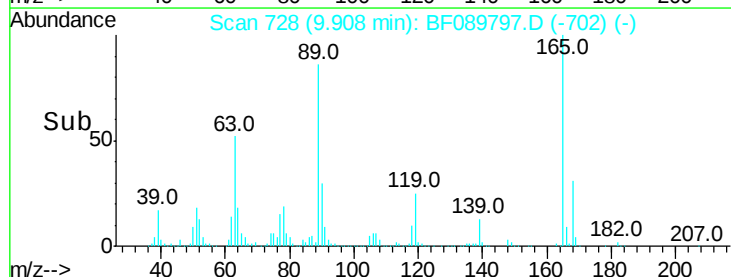
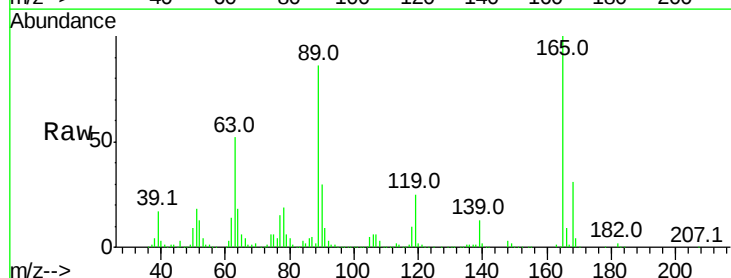
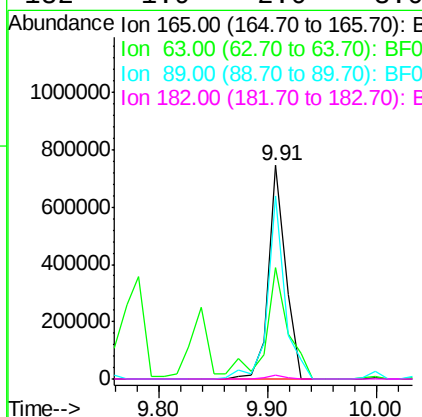
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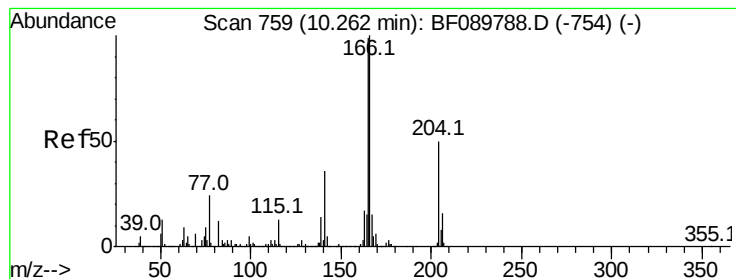
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#56
2,4-Dinitrotoluene
Concen: 38.60 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion:165 Resp: 817724
Ion Ratio Lower Upper
165 100
63 52.1 23.7 35.5#
89 85.5 44.0 66.0#
182 1.9 2.0 3.0#





#57

Fluorene

Concen: 42.07 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampled :

PB92975BS

Tot Ion:166 Resp: 2572599

Ion Ratio Lower Upper

166 100

165 98.0 80.2 120.4

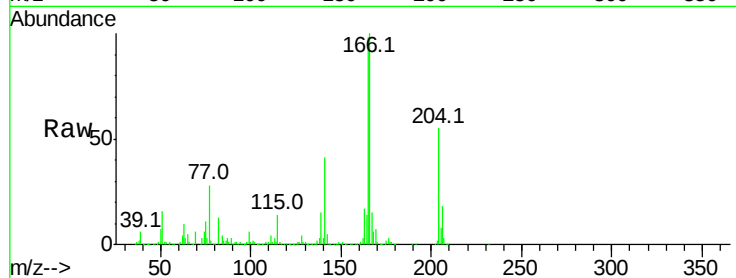
167 14.6 11.3 16.9

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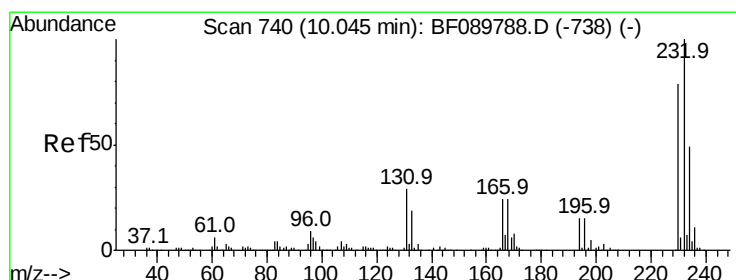
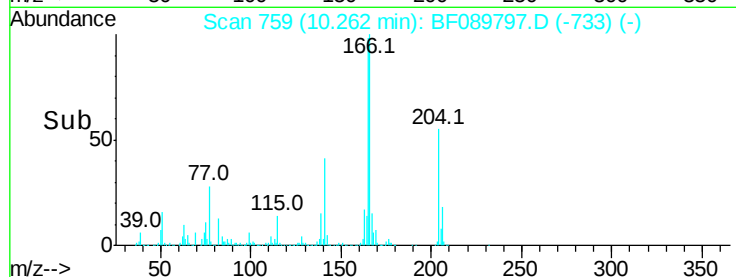
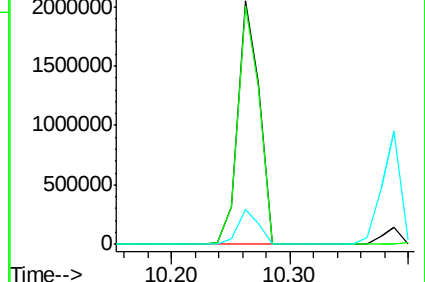
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.92 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Tgt Ion:232 Resp: 754175

Ion Ratio Lower Upper

232 100

131 52.0 42.5 63.7

130 2.4 2.2 3.4

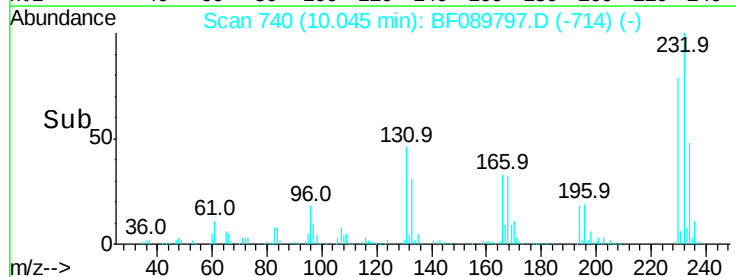
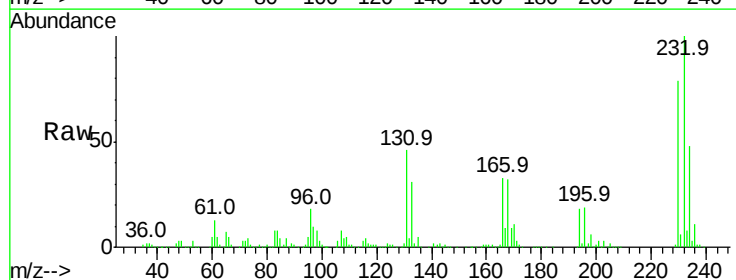
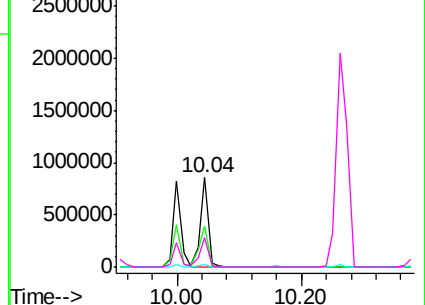
166 34.5 27.3 40.9

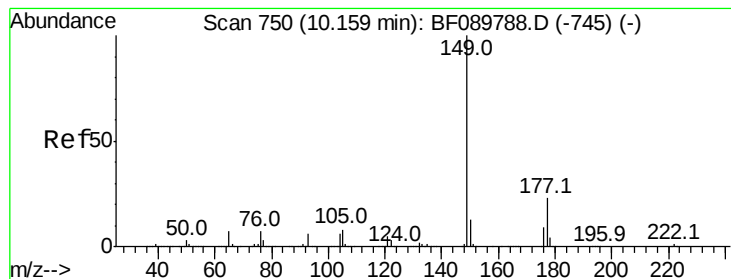
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.00 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

Tot Ion:149 Resp: 3088651

Ion Ratio Lower Upper

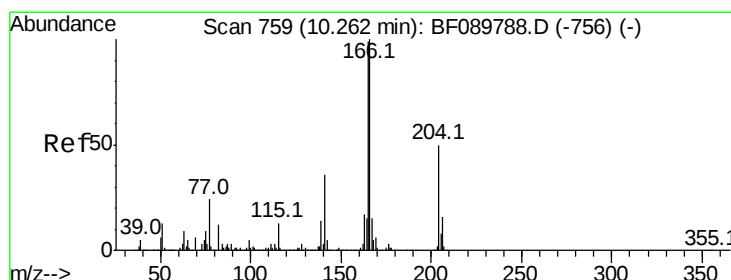
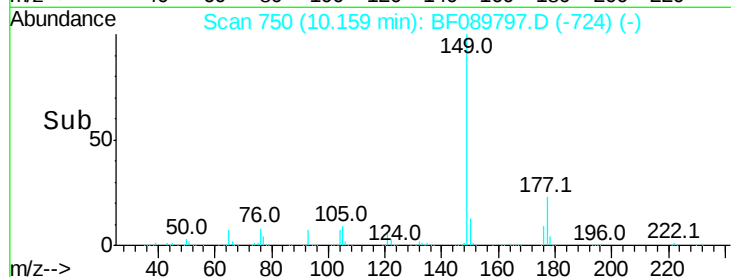
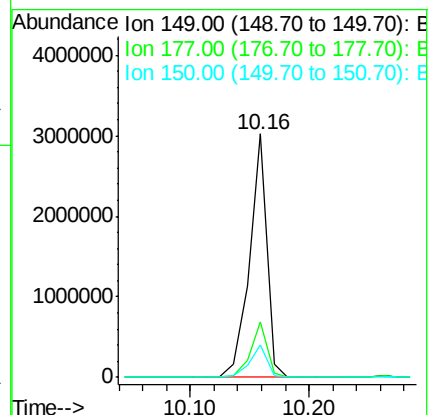
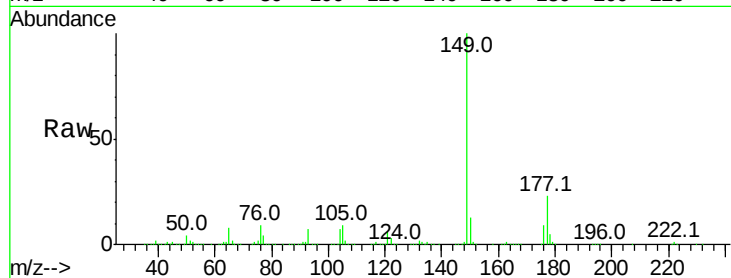
149 100

177 23.0 16.6 25.0

150 13.2 10.5 15.7

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#60

4-Chlorophenyl-phenylether

Concen: 39.11 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

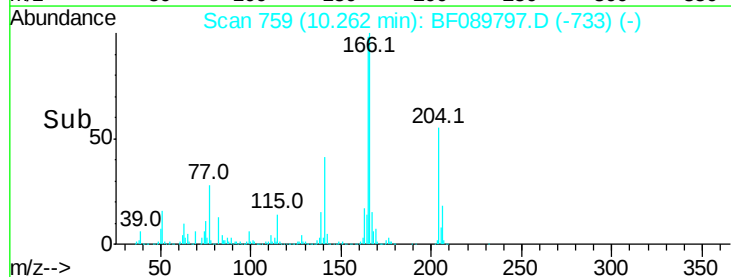
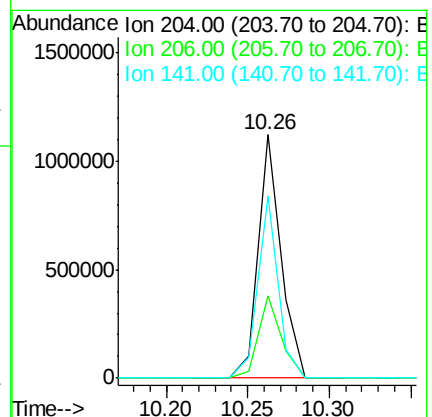
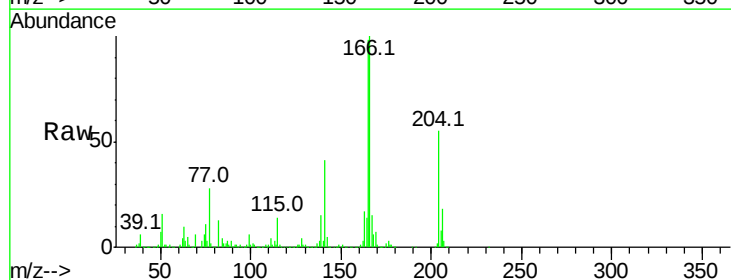
Tgt Ion:204 Resp: 1091167

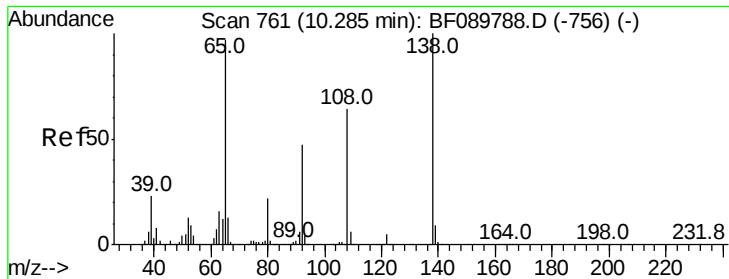
Ion Ratio Lower Upper

204 100

206 33.7 26.5 39.7

141 74.8 54.1 81.1





#61

4-Nitroaniline

Concen: 39.63 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

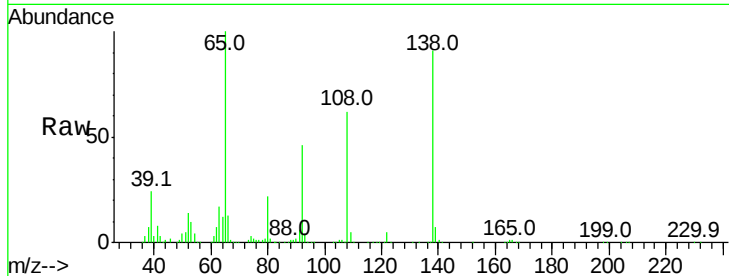
ClientSampleId :

PB92975BS

Tot Ion:	138	Resp:	671965
Ion Ratio	Lower	Upper	
138	100		
92	49.9	26.4	66.4
108	67.6	47.0	87.0

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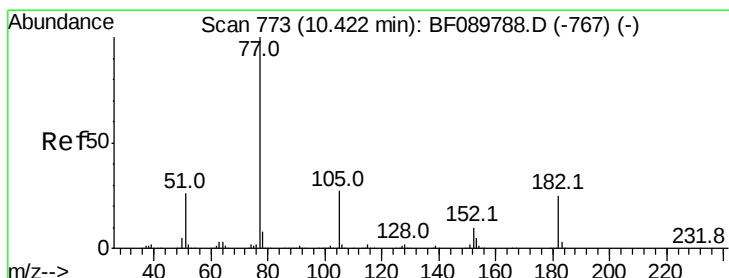
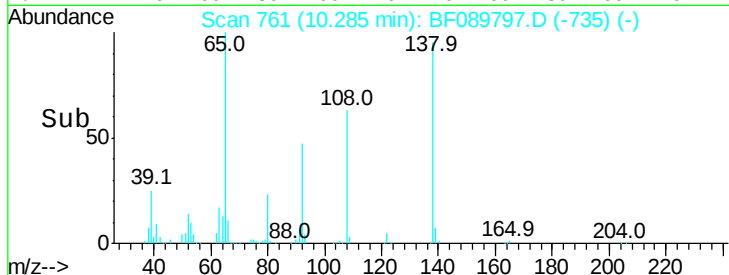
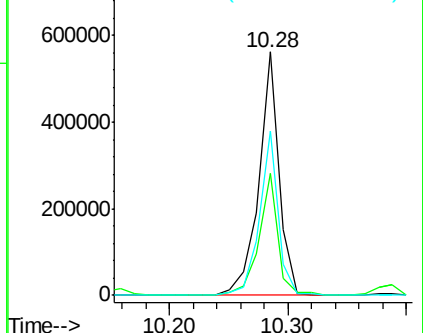
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.77 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

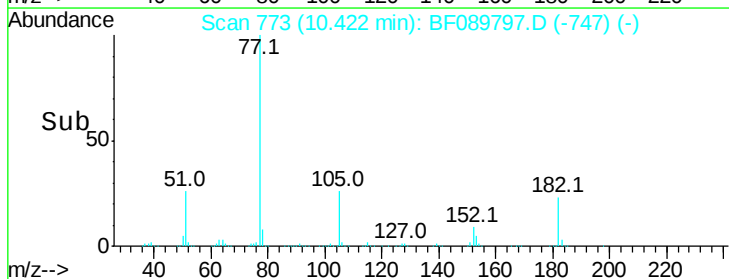
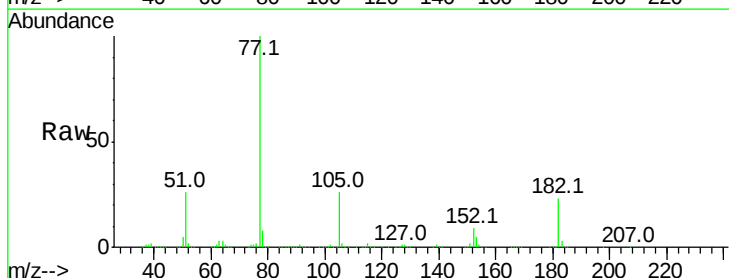
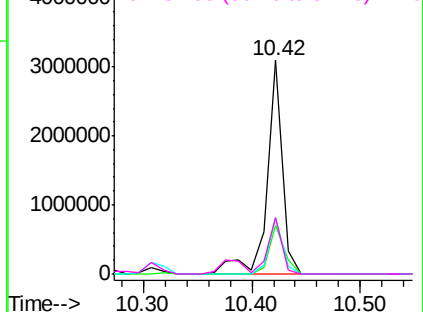
Tgt Ion:	77	Resp:	3091316
Ion Ratio	Lower	Upper	
77	100		
182	22.5	5.6	45.6
105	26.1	4.0	44.0
51	26.2	7.8	47.8

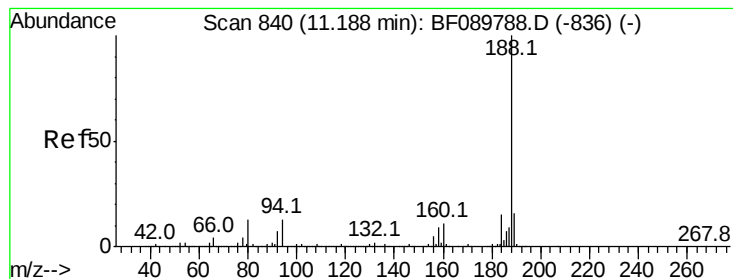
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

Tot Ion:188 Resp: 1804178

Ion Ratio Lower Upper

188 100

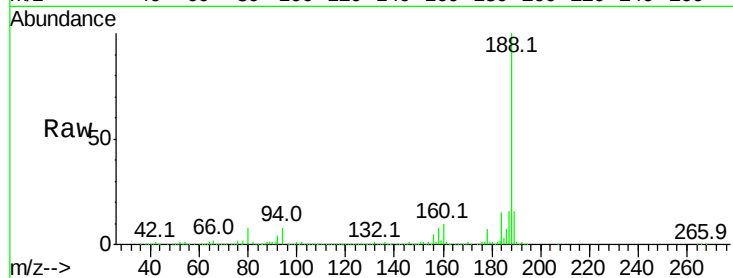
94 7.7 10.2 15.2#

80 7.6 10.9 16.3#

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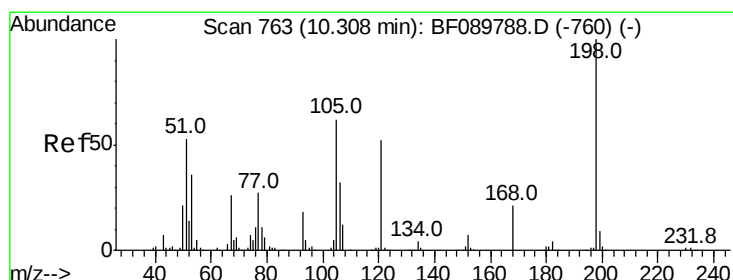
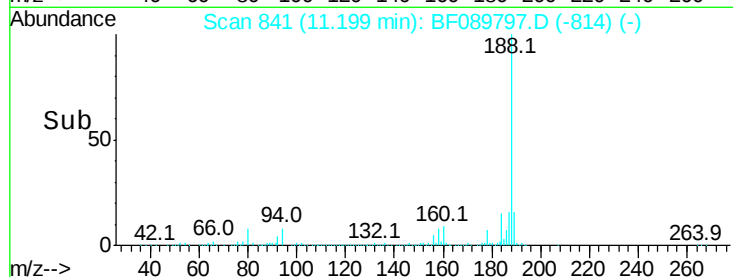
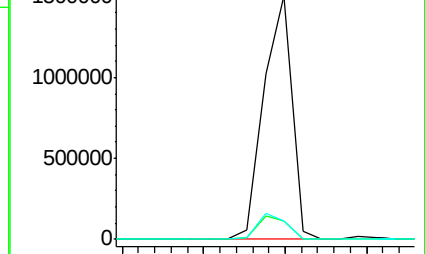
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.10 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

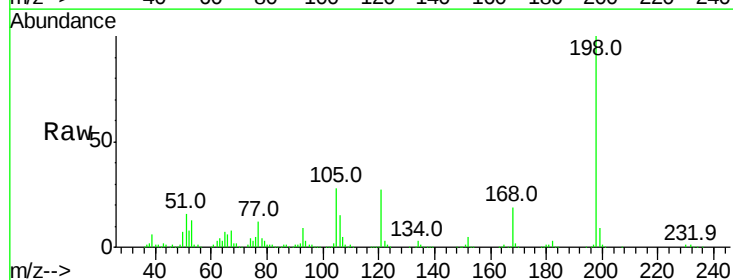
Tgt Ion:198 Resp: 457207

Ion Ratio Lower Upper

198 100

51 16.4 32.3 72.3#

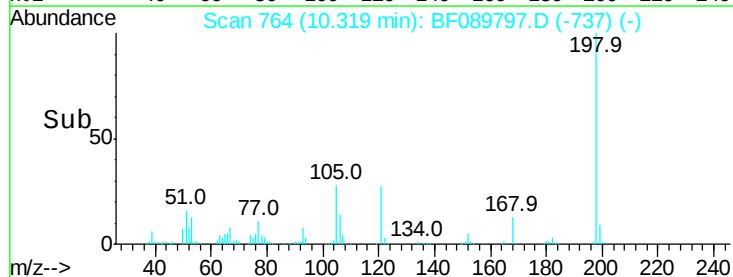
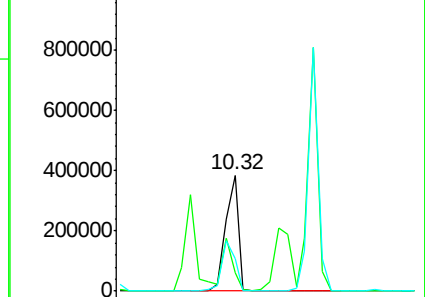
105 27.8 32.9 72.9#

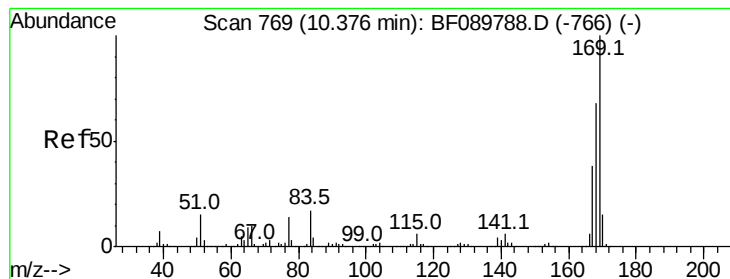


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65
 n-Nitrosodiphenylamine
 Concen: 46.27 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

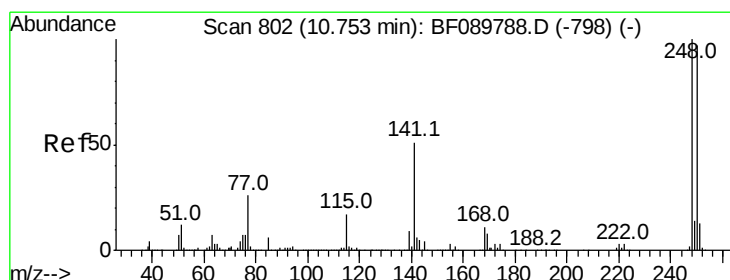
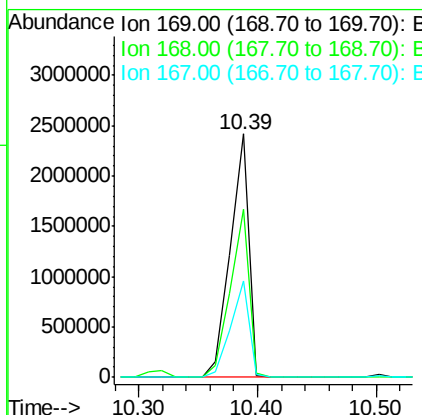
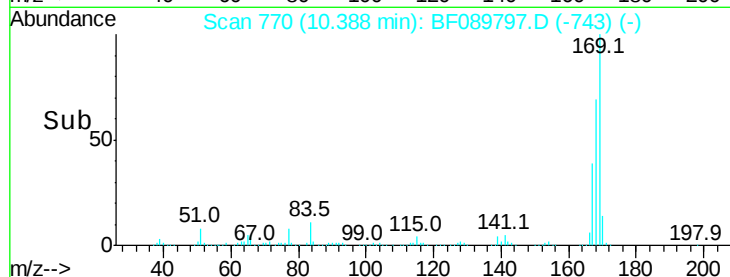
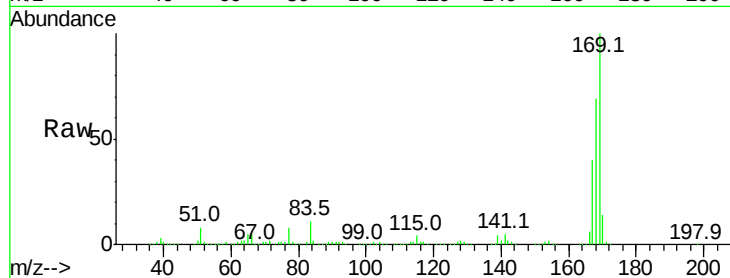
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Tot Ion:169 Resp: 2624610

Ion	Ratio	Lower	Upper
169	100		
168	69.3	54.6	82.0
167	39.5	30.6	45.8

Manual Integrations
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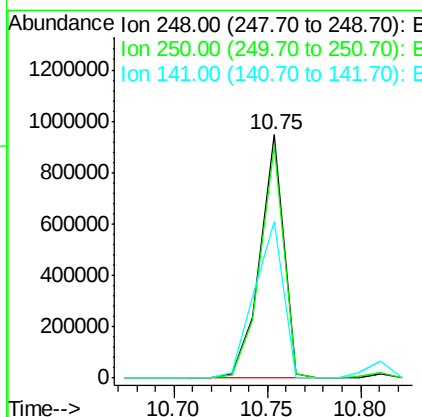
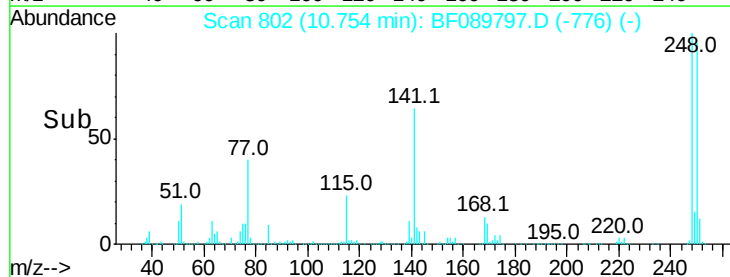
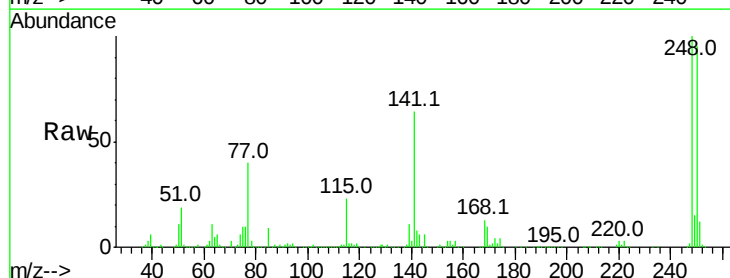
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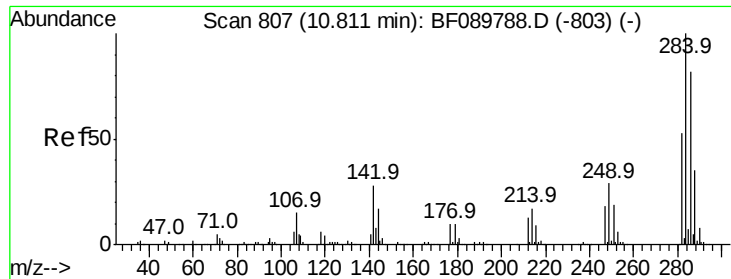


#66
 4-Bromophenyl-phenylether
 Concen: 44.13 ng
 RT: 10.75 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion:248 Resp: 834744

Ion	Ratio	Lower	Upper
248	100		
250	95.4	78.6	117.8
141	64.5	31.4	47.2





#67

Hexachlorobenzene

Concen: 40.25 ng

RT: 10.81 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

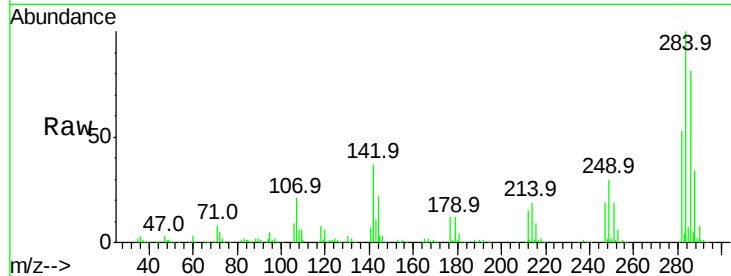
ClientSampled :

PB92975BS

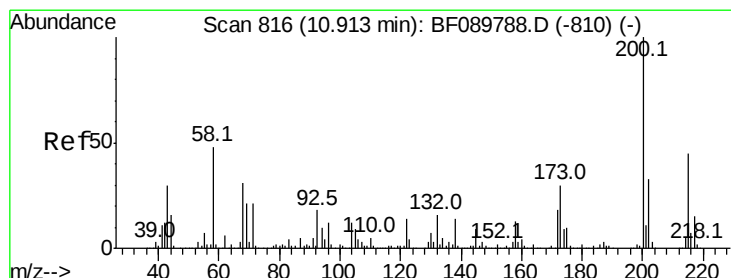
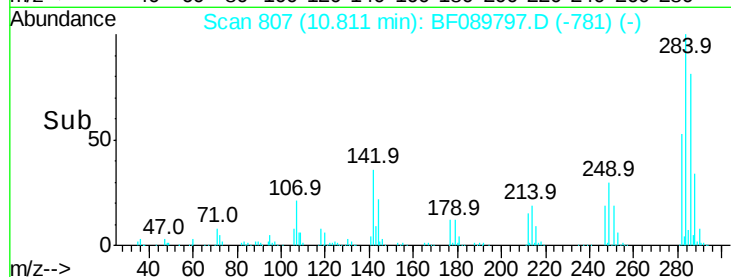
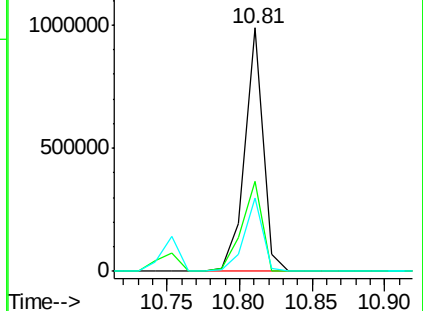
Tot Ion:	284	Resp:	868616
Ion Ratio	Lower	Upper	
284	100		
142	36.7	17.4	26.2#
249	30.3	22.8	34.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.09 ng

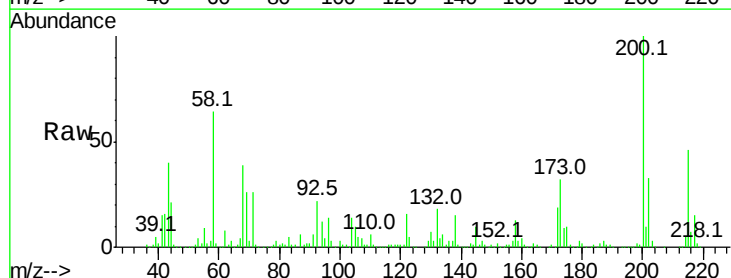
RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

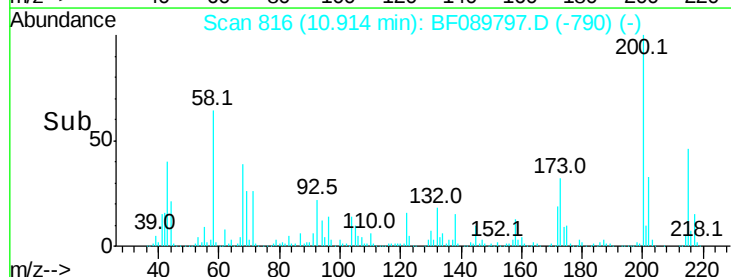
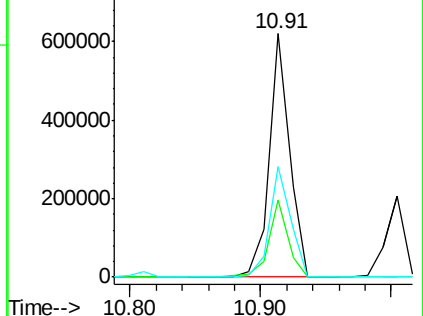
Lab File: BF089797.D

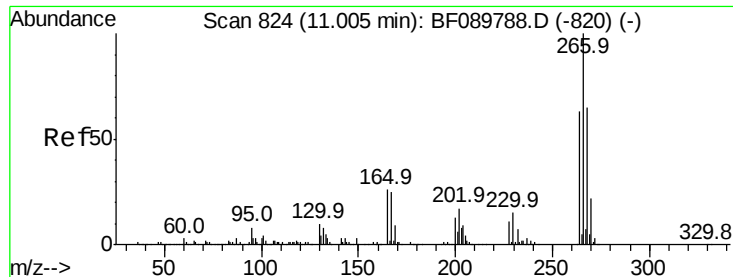
Acq: 19 Aug 2016 16:02

Tgt Ion:	200	Resp:	679081
Ion Ratio	Lower	Upper	
200	100		
173	31.6	6.6	46.6
215	45.5	24.7	64.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





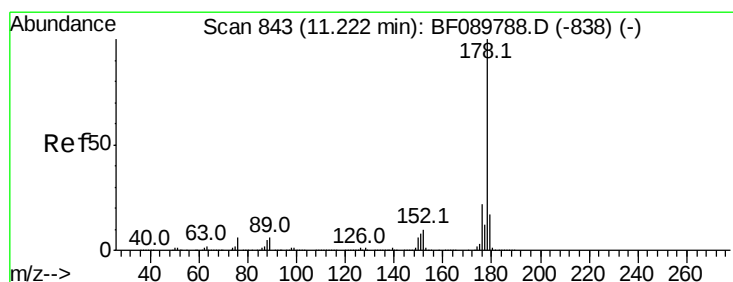
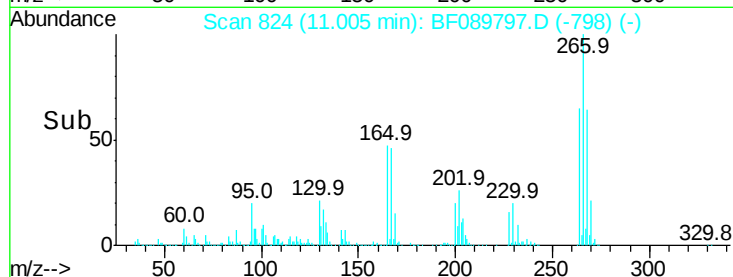
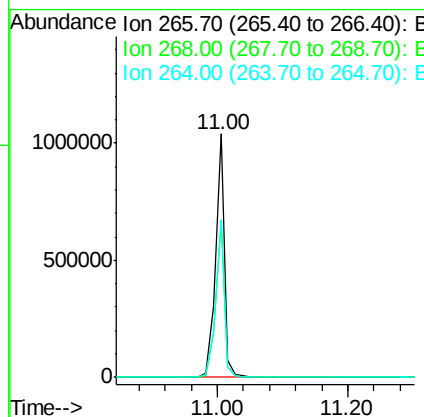
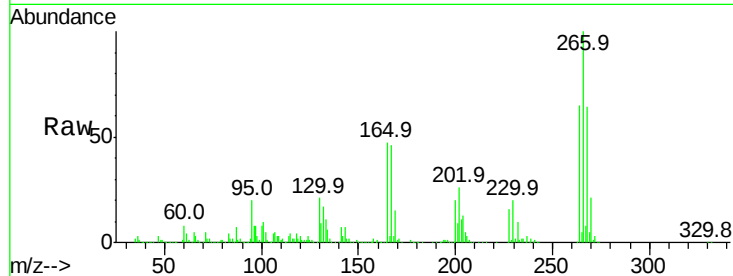
#69
 Pentachlorophenol
 Concen: 82.72 ng
 RT: 11.00 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampled :
 PB92975BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	53.2	79.8
264	65.0	51.1	76.7

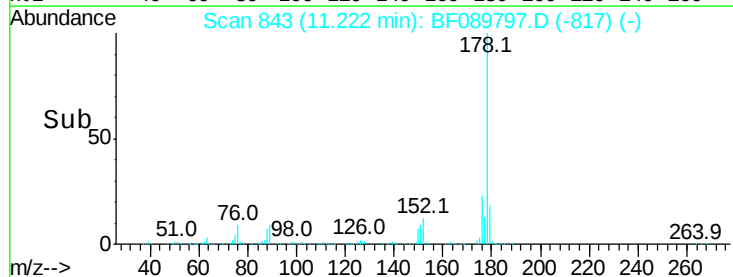
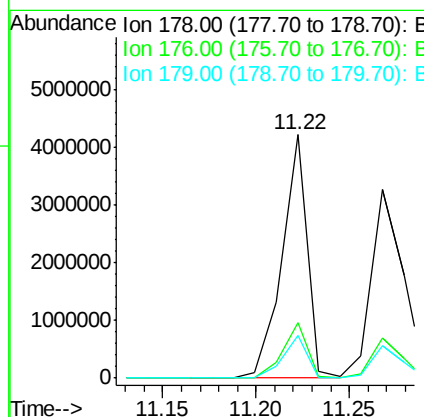
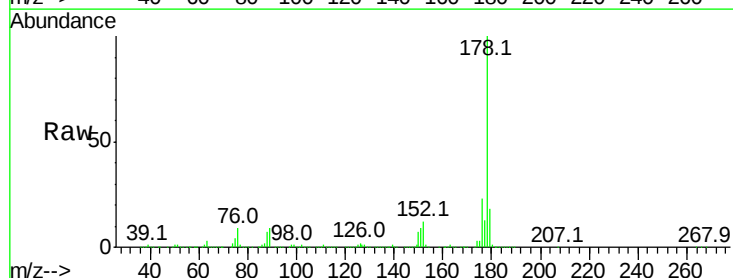
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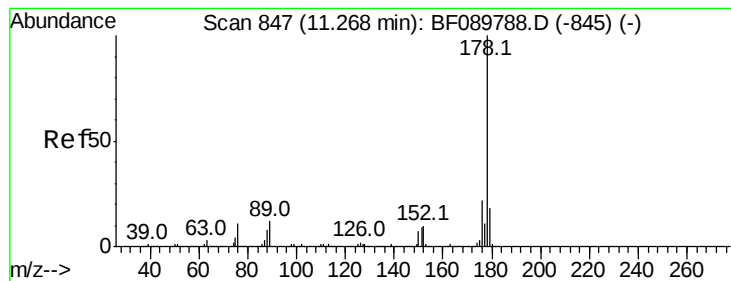
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#70
 Phenanthrene
 Concen: 43.51 ng
 RT: 11.22 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.8	16.4	24.6
179	17.7	12.5	18.7





#71

Anthracene

Concen: 40.44 ng

RT: 11.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampled :

PB92975BS

Tot Ion:178 Resp: 3745540

Ion Ratio Lower Upper

178 100

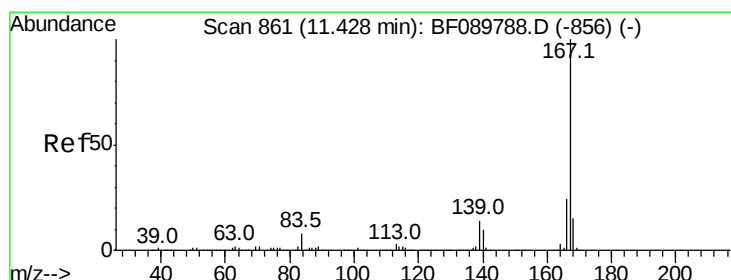
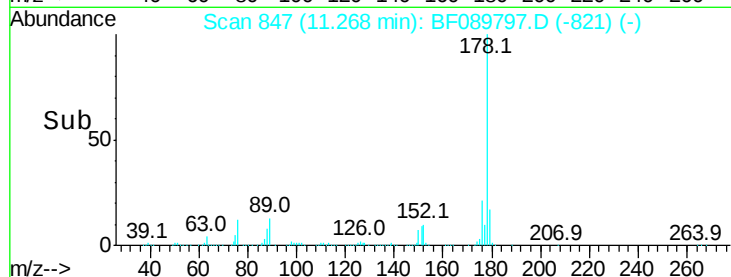
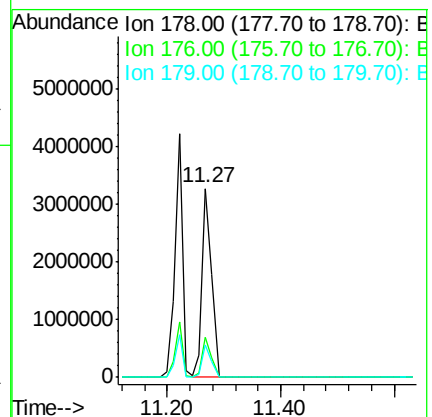
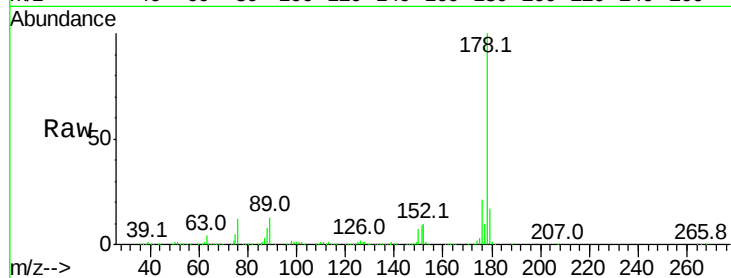
176 20.9 16.4 24.6

179 17.2 13.1 19.7

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#72

Carbazole

Concen: 45.09 ng

RT: 11.43 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

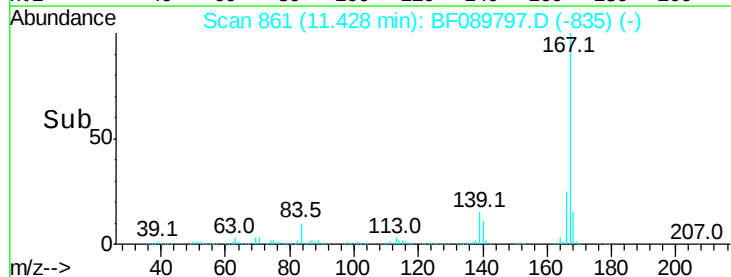
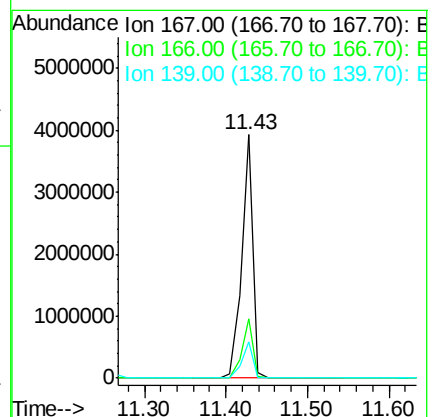
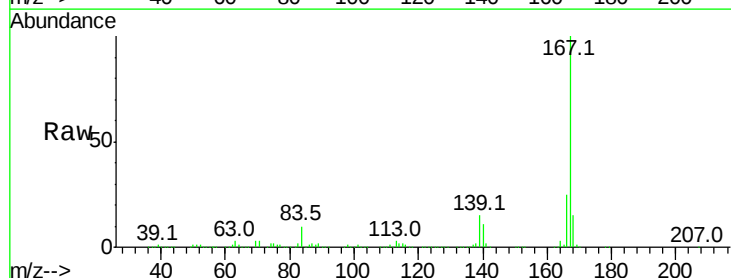
Tgt Ion:167 Resp: 3745828

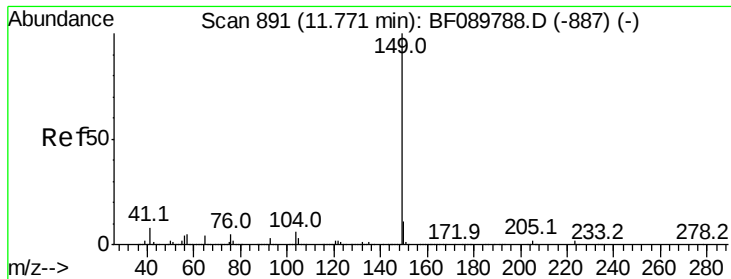
Ion Ratio Lower Upper

167 100

166 24.6 17.9 26.9

139 14.8 12.4 18.6





#73

Di-n-butylphthalate

Concen: 43.41 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

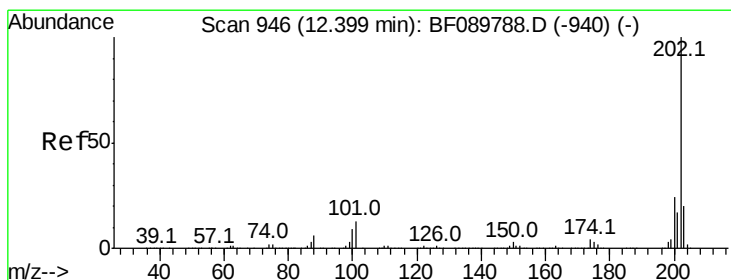
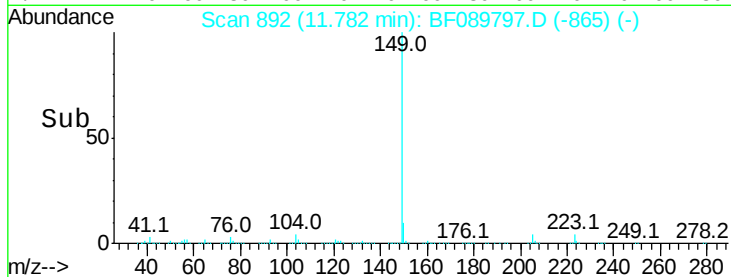
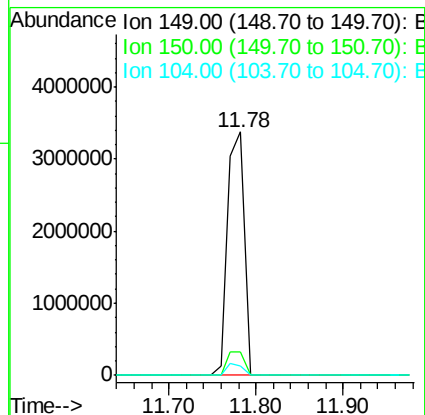
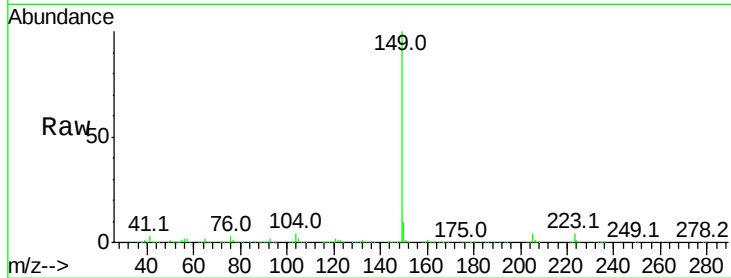
ClientSampleId :

PB92975BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.9	11.9
104	3.9	4.3	6.5

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#74

Fluoranthene

Concen: 41.43 ng

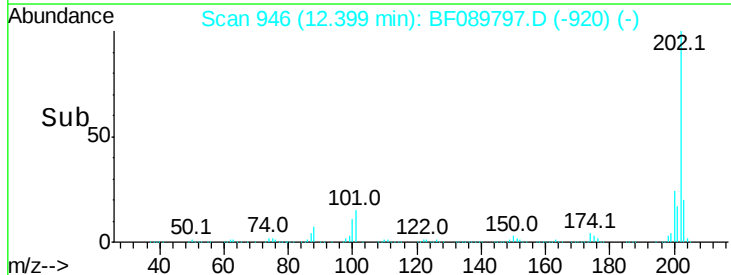
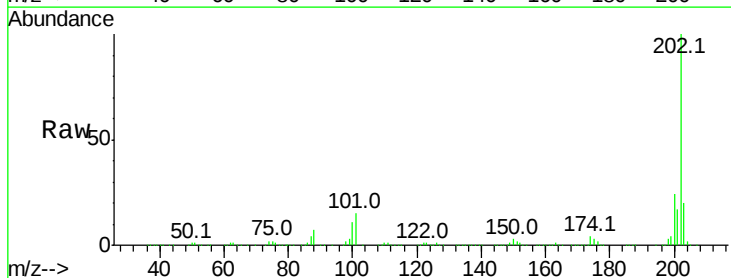
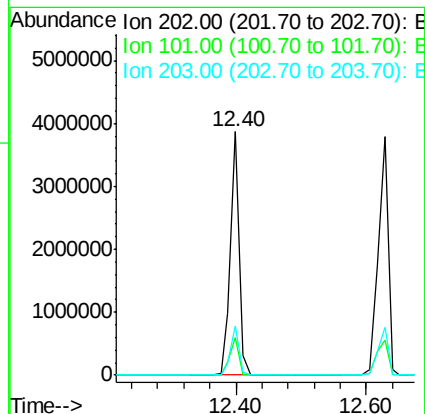
RT: 12.40 min Scan# 946

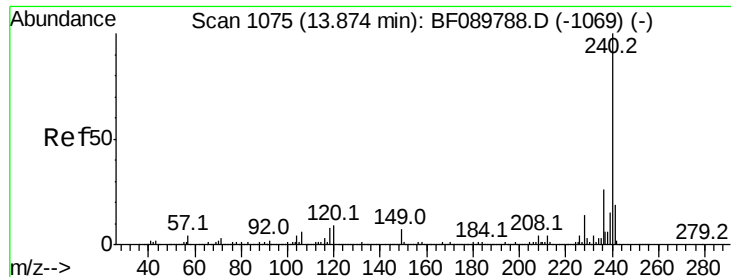
Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	31.2
203	20.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

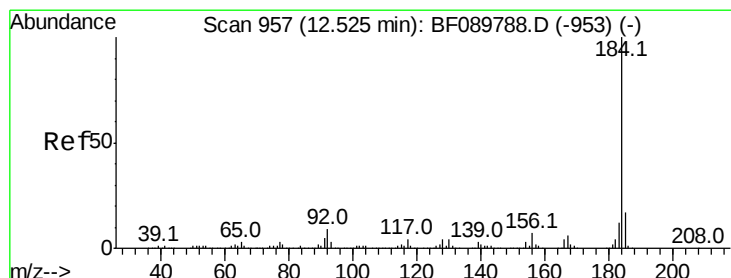
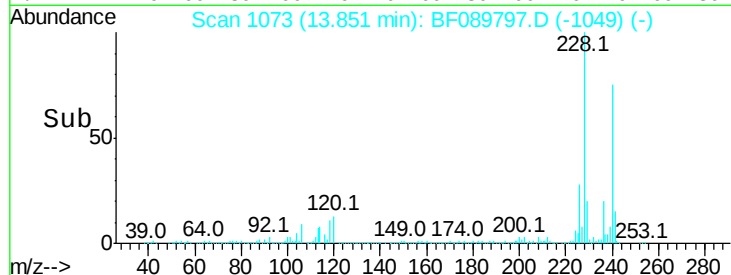
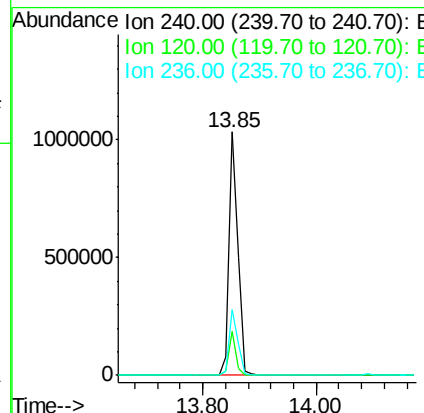
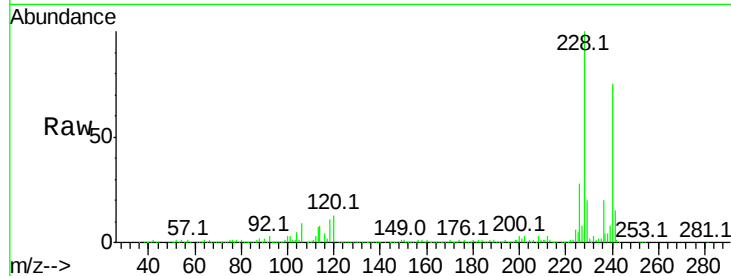
ClientSampled :

PB92975BS

Tot Ion:240 Resp: 1137313
 Ion Ratio Lower Upper
 240 100
 120 18.1 8.3 12.5#
 236 26.9 21.3 31.9

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#76

Benzidine

Concen: 37.44 ng

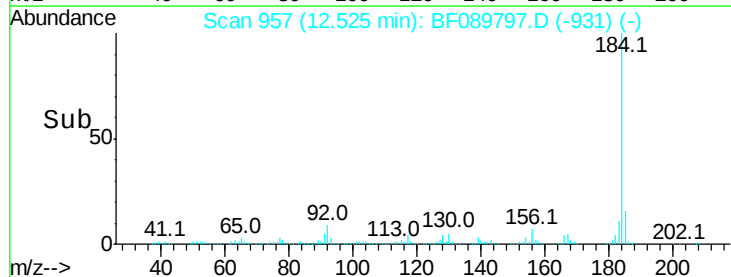
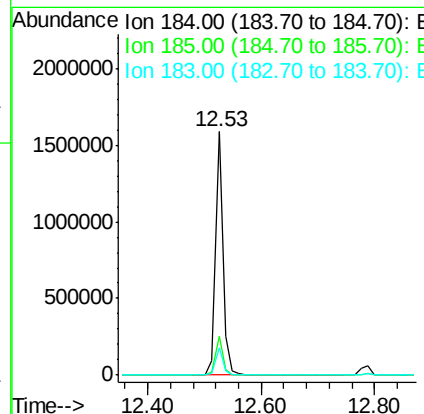
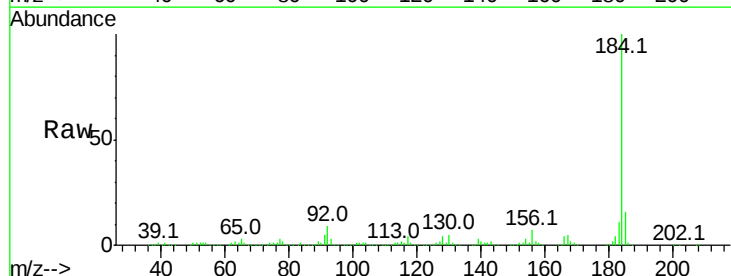
RT: 12.53 min Scan# 957

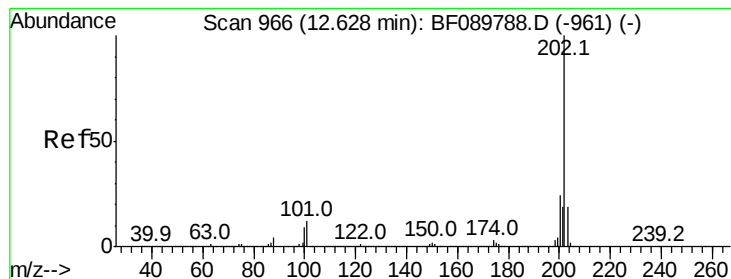
Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Tgt Ion:184 Resp: 1378070
 Ion Ratio Lower Upper
 184 100
 185 16.0 13.8 20.8
 183 11.3 9.7 14.5





#77

Pvrene

Concen: 42.28 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleID :

PB92975BS

Tot Ion:202 Resp: 3915456

Ion Ratio Lower Upper

202 100

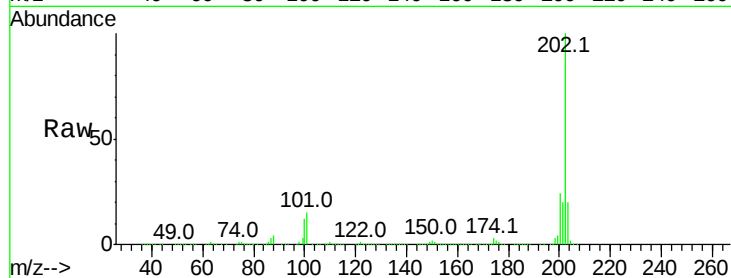
200 24.4 17.8 26.6

203 19.8 14.2 21.4

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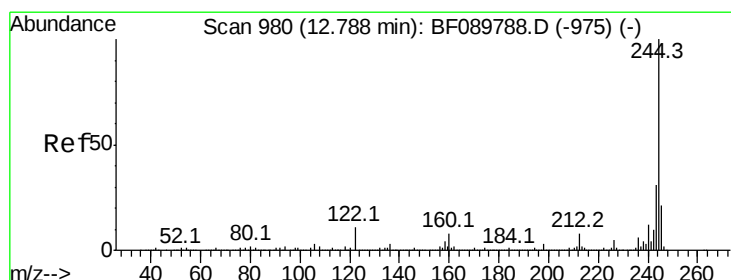
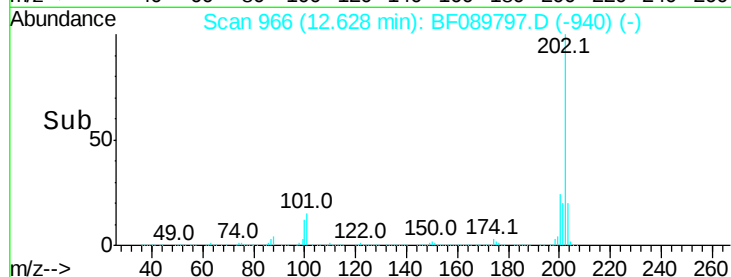
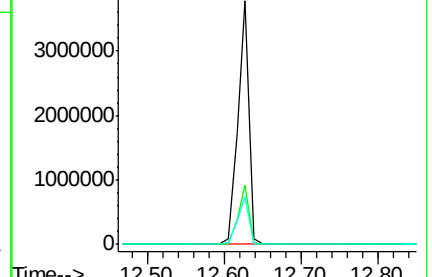
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.40 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

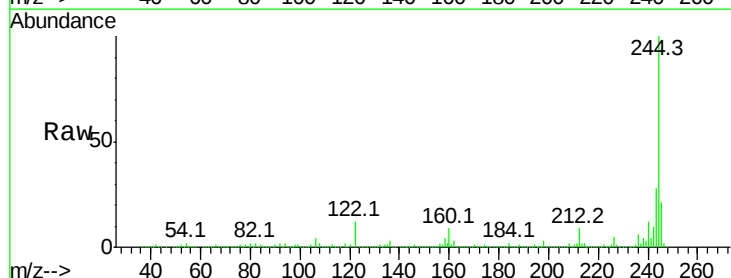
Tgt Ion:244 Resp: 4242824

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

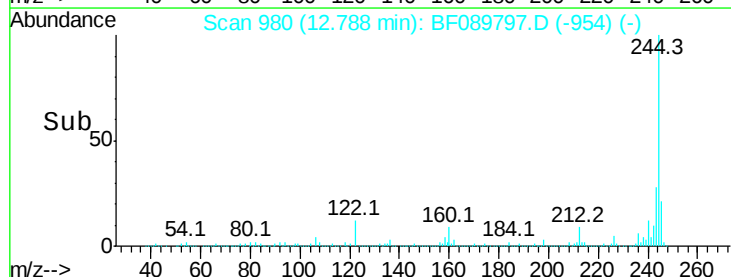
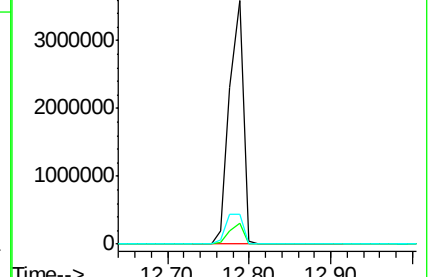
122 12.2 12.0 18.0

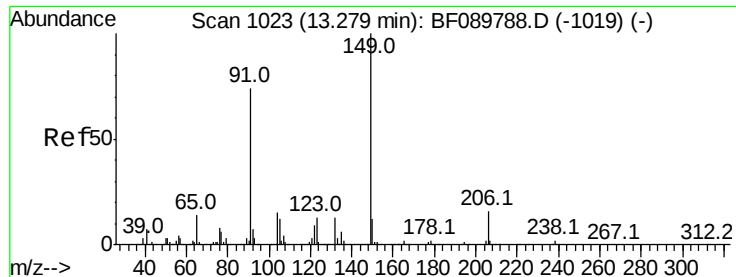


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





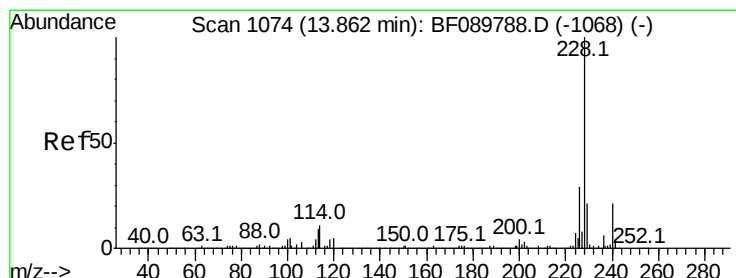
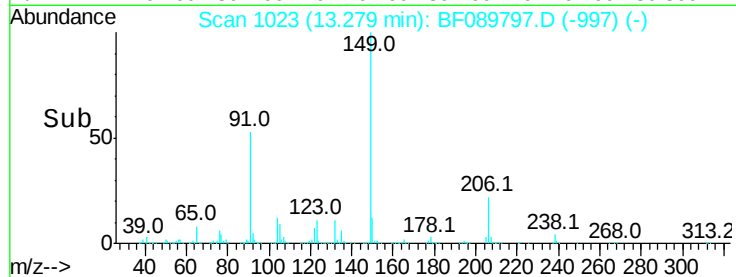
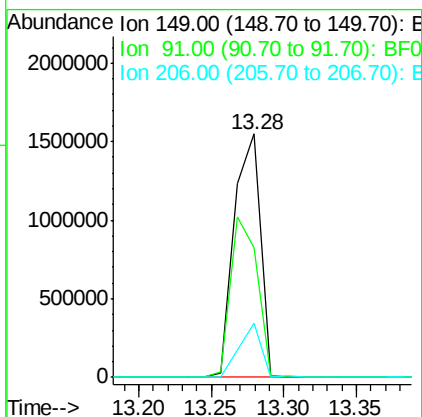
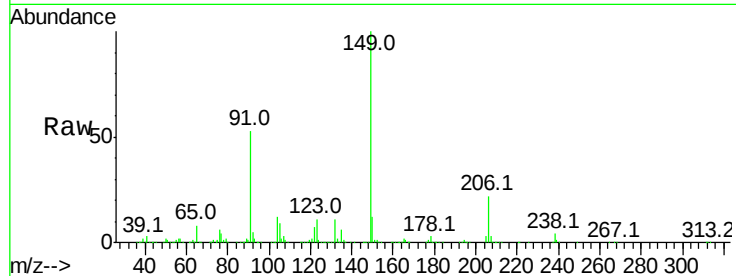
#79
Butylbenzylphthalate
Concen: 46.49 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	53.0	50.7	76.1
206	22.1	15.5	23.3

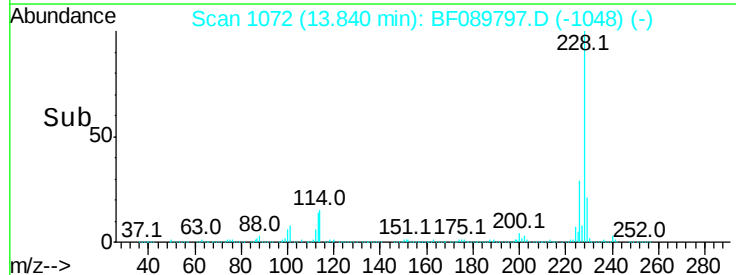
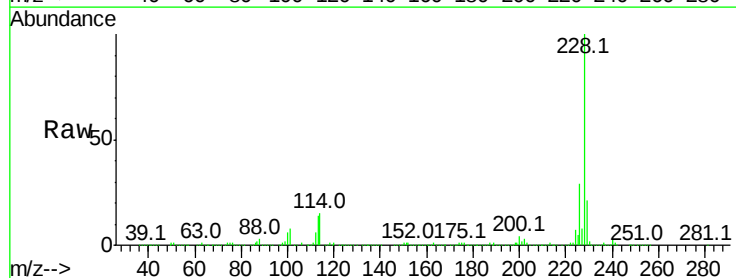
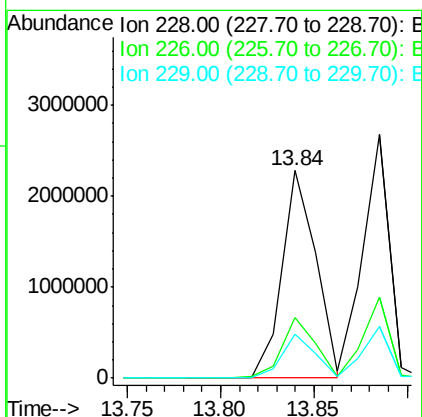
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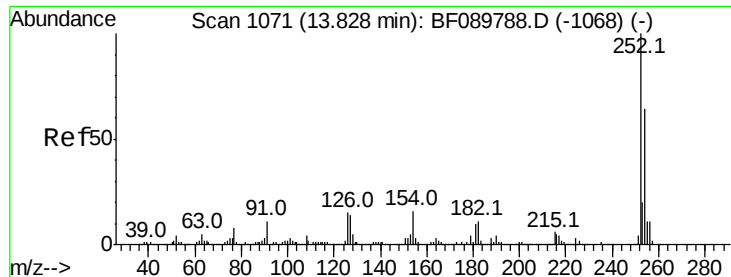
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#80
Benzo(a)anthracene
Concen: 44.72 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.2	34.8
229	21.1	16.2	24.4





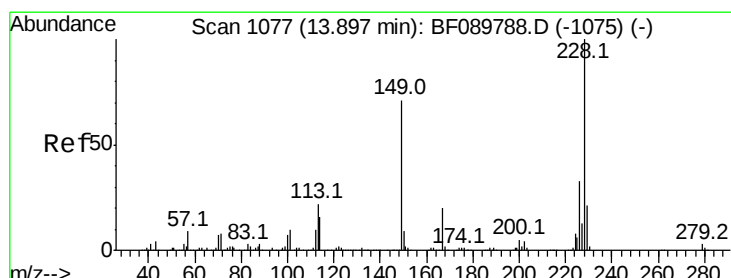
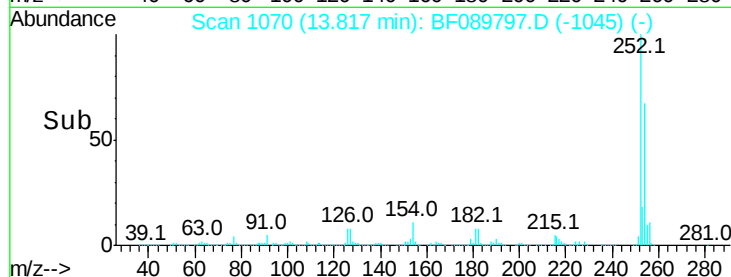
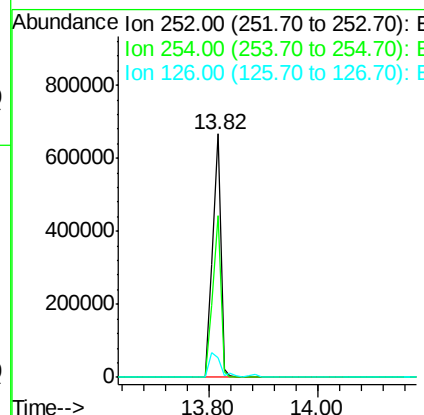
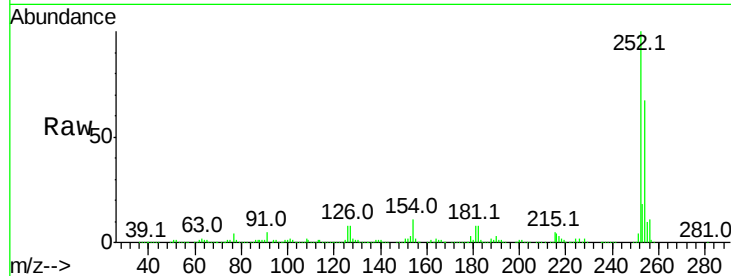
#81
 3,3'-Dichlorobenzidine
 Concen: 32.74 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	699205		
254	66.7	50.6	75.8	
126	8.1	12.6	18.8	

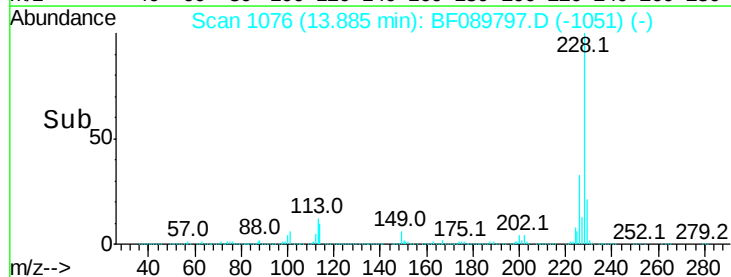
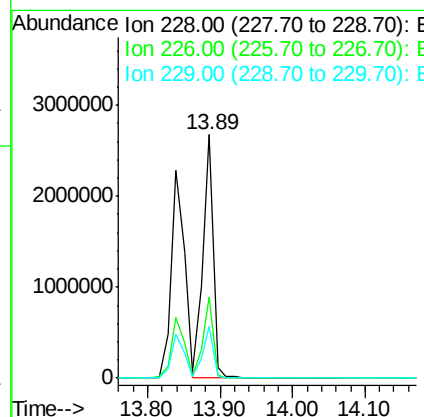
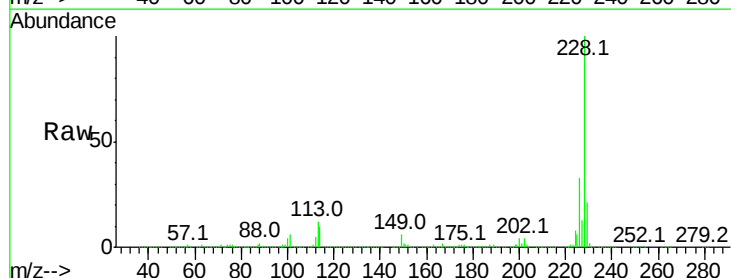
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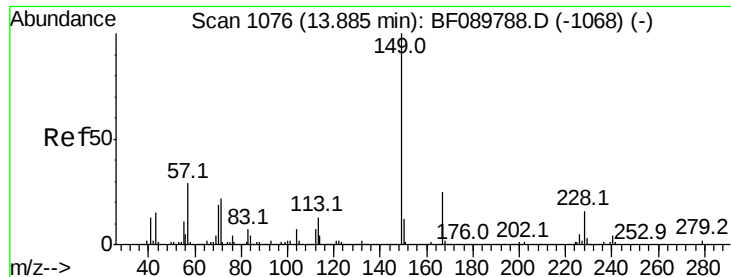
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#82
 Chrysene
 Concen: 47.51 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2653038		
226	33.1	25.4	38.0	
229	21.3	16.5	24.7	





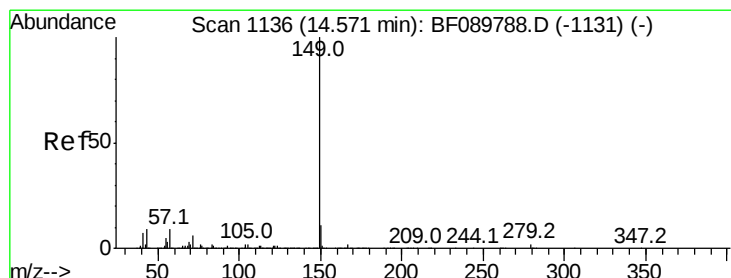
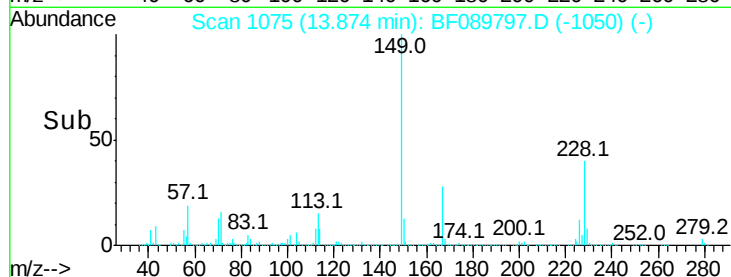
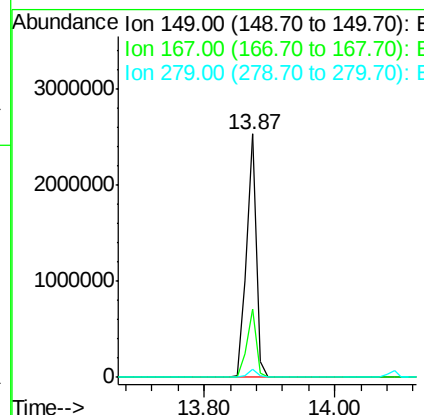
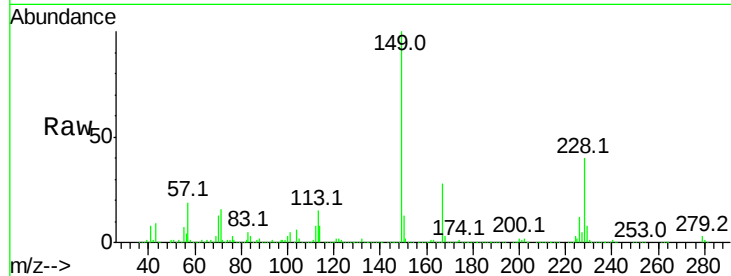
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.67 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Tot Ion:149 Resp: 2573946
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.2 31.8
 279 3.4 2.9 4.3

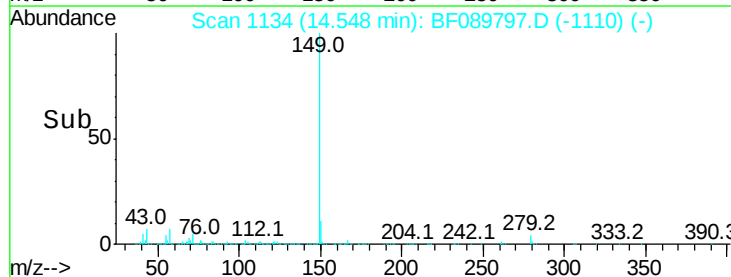
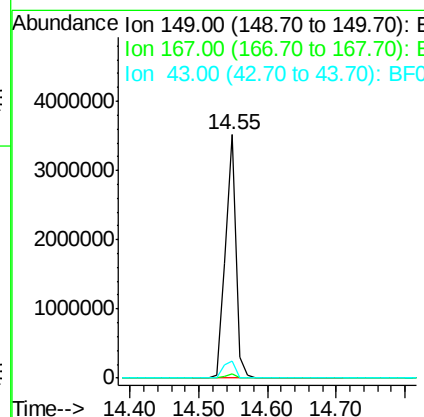
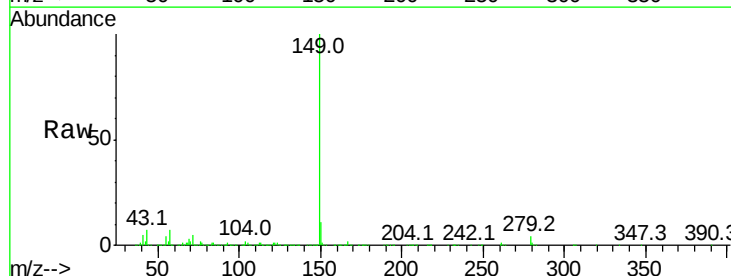
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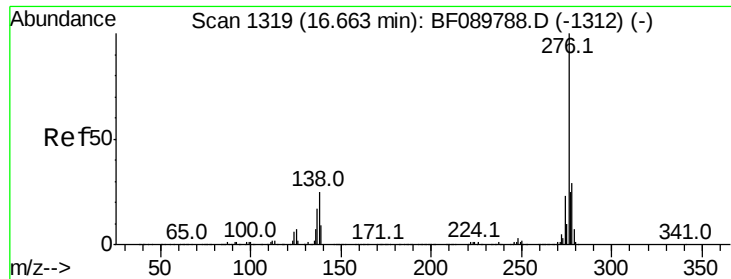
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#84
 Di-n-octyl phthalate
 Concen: 50.10 ng
 RT: 14.55 min Scan# 1134
 Delta R.T. -0.02 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion:149 Resp: 3836053
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.4 8.4 12.6#





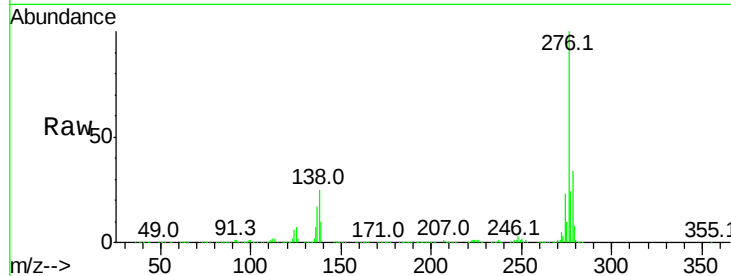
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.97 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampled :
PB92975BS

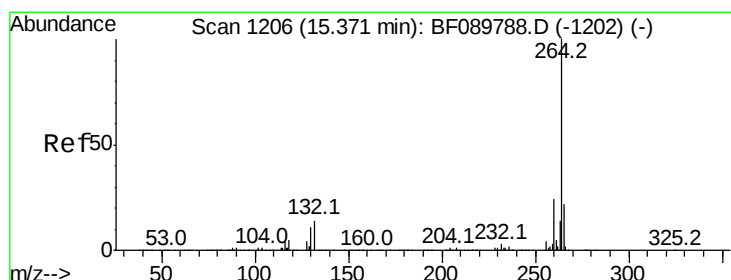
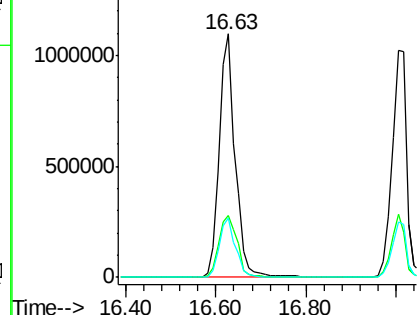
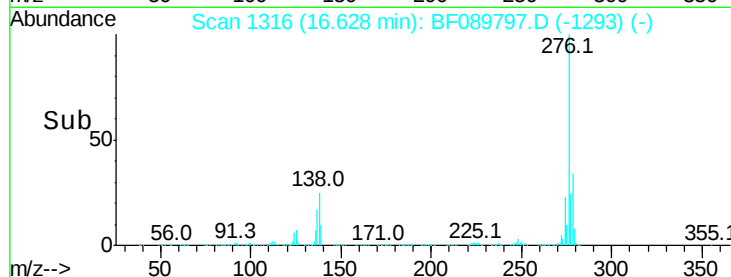
Tot Ion:276 Resp: 2705366
Ion Ratio Lower Upper
276 100
138 29.5 24.6 36.8
277 25.1 20.4 30.6

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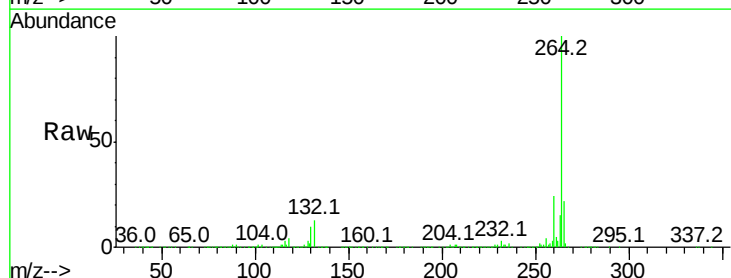


Abundance Ion 276.00 (275.70 to 276.70): E
1500000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

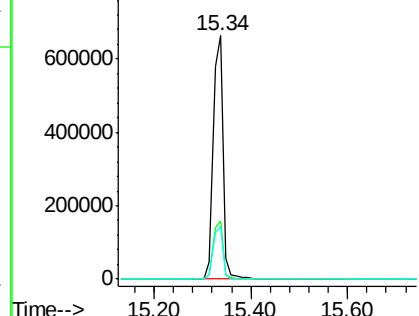
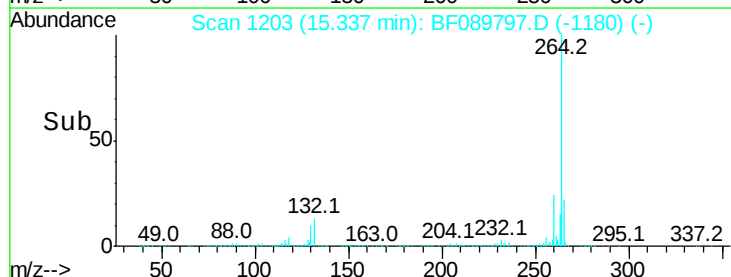


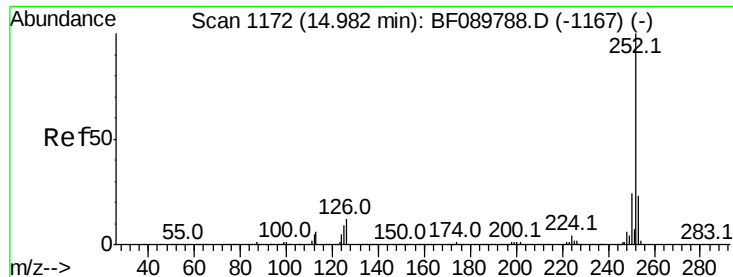
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion:264 Resp: 952042
Ion Ratio Lower Upper
264 100
260 24.0 20.2 30.2
265 21.6 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
800000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.35 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

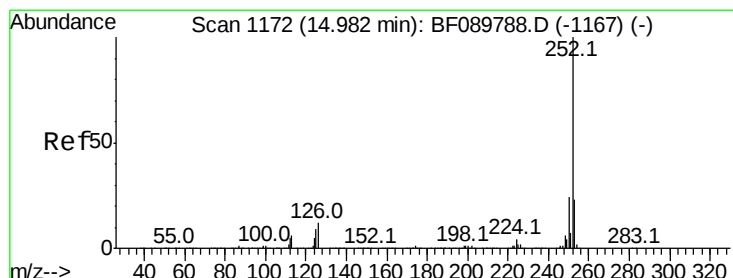
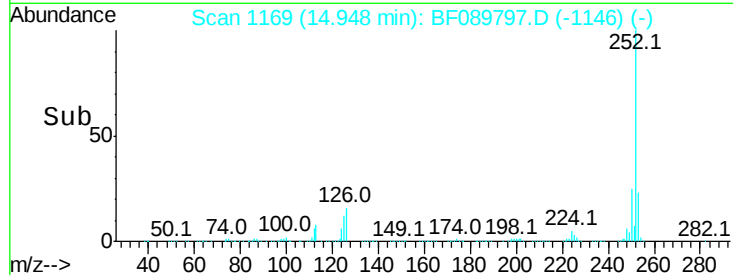
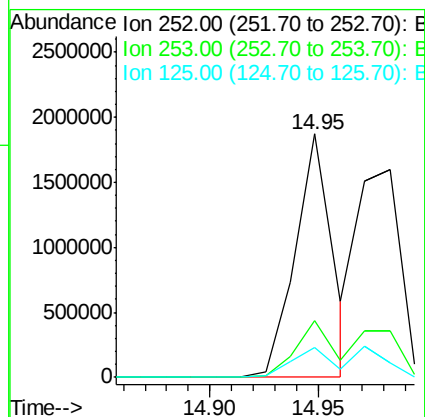
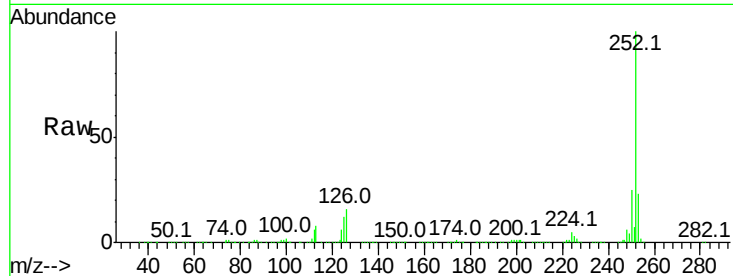
Instrument :
BNA_F

ClientSampled :
PB92975BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	12.4	11.4	17.2

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#88

Benzo(k)fluoranthene

Concen: 47.03 ng m

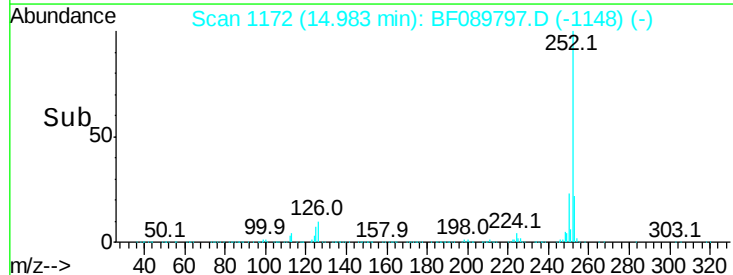
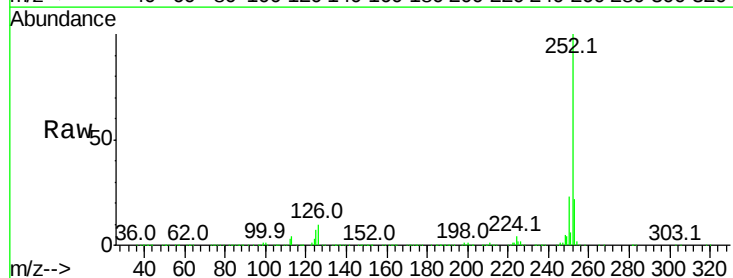
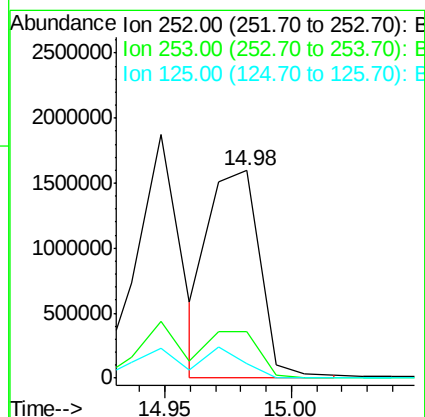
RT: 14.98 min Scan# 1172

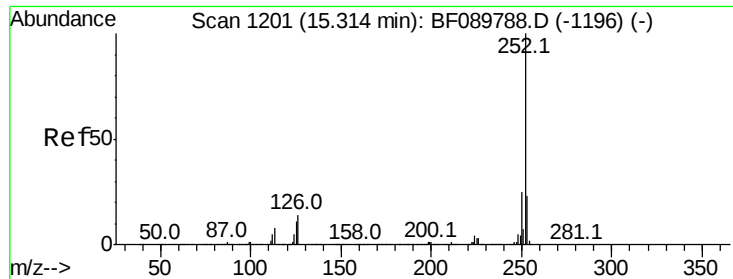
Delta R.T. -0.02 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	7.0	9.8	14.6





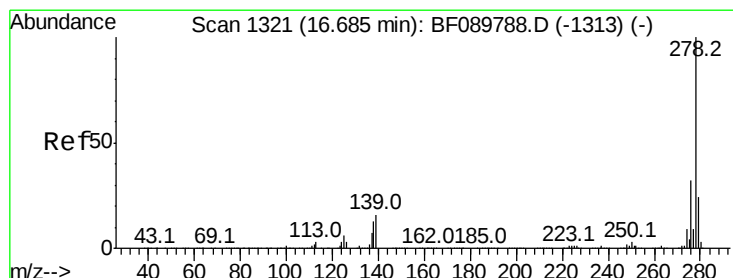
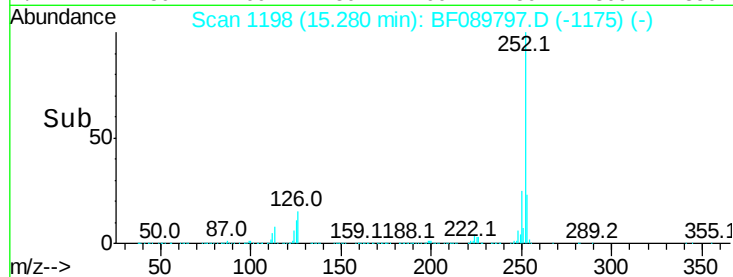
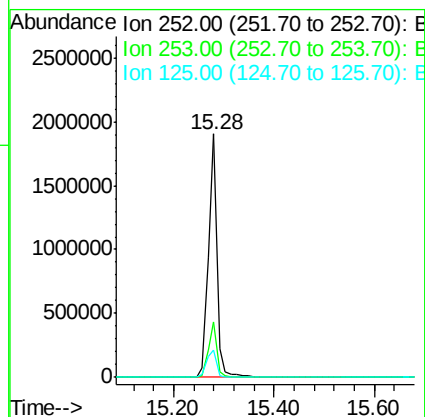
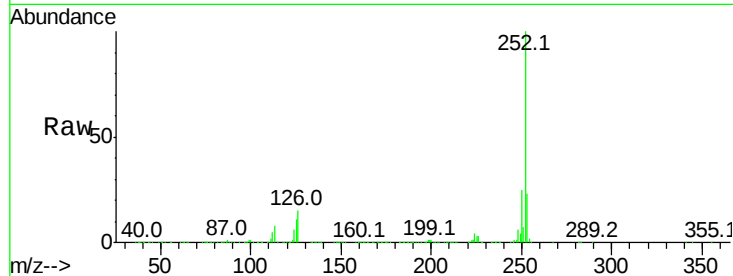
#89
Benzo(a)pyrene
Concen: 45.15 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.03 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.2	11.7	17.5

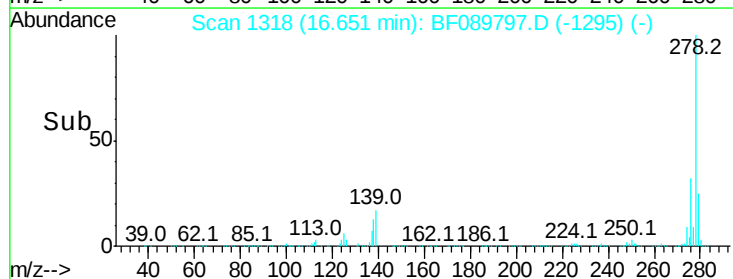
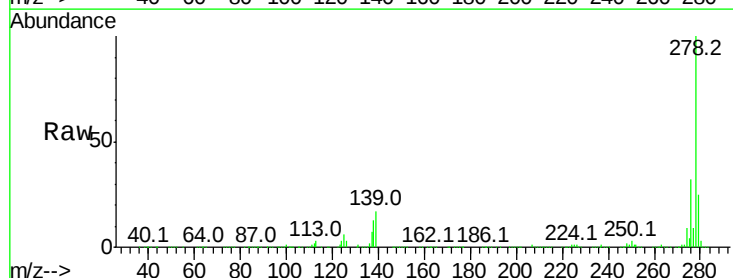
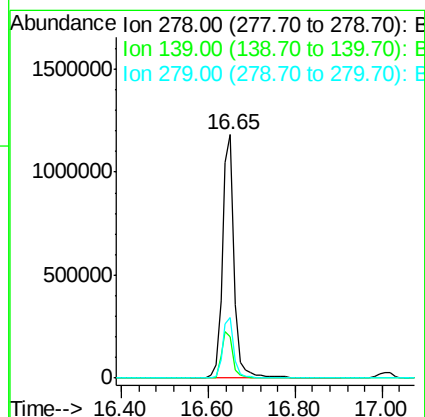
Manual Integrations
APPROVED

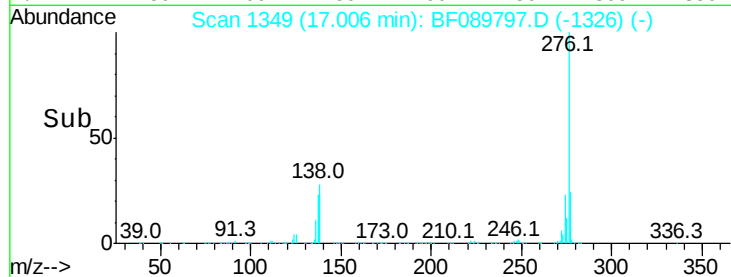
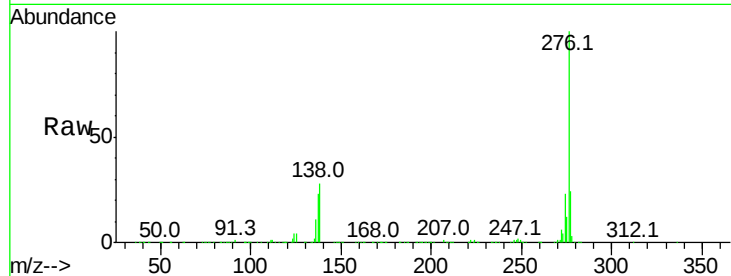
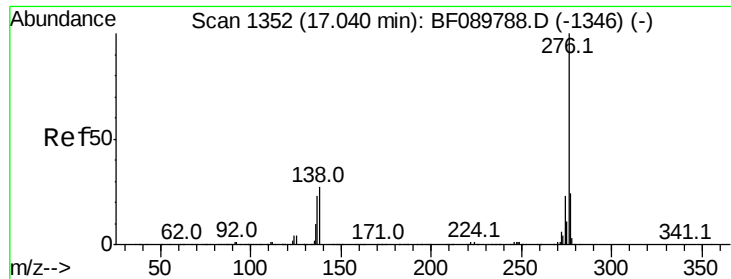
sohil
8/22/2016 3:47:29 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.85 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.9	22.3
279	24.7	19.2	28.8





#91

Benzo(a,h,i)perylene

Concen: 41.36 ng

RT: 17.01 min Scan# 1349

Delta R.T. -0.03 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

Tot Ion:276 Resp: 2343632

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 28.0 22.1 33.1

Manual Integrations

APPROVED

sohil

8/22/2016 3:47:29 PM

