

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089795.D
 Acq On : 19 Aug 2016 15:09
 Operator : UM/SJ
 Sample : PB92811BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Manual Integrations
 APPROVED

umangi
 8/19/2016 4:51:42 PM

Quant Time: Aug 19 16:37:50 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	687171	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2779029	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1317655	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	2317320	20.00	ng	0.01
75) Chrysene-d12	13.87	240	1436551	20.00	ng	0.00
86) Perylene-d12	15.37	264	1189462	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	4139029	103.29	ng	0.02
7) Phenol-d6	6.33	99	4756401	96.70	ng	0.01
23) Nitrobenzene-d5	7.26	82	2923627	65.36	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	1340143	107.02	ng	0.01
44) 2-Fluorobiphenyl	9.05	172	4742590	63.26	ng	0.00
78) Terphenyl-d14	12.79	244	3887957	61.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	539944	27.23	ng	98
3) Pyridine	2.88	79	1564498	30.08	ng	95
4) n-Nitrosodimethylamine	2.84	42	663694	34.27	ng	# 84
6) Aniline	6.34	93	1881850	28.52	ng	# 16
8) 2-Chlorophenol	6.47	128	1572413	32.81	ng	94
9) Benzaldehyde	6.23	77	204311m	6.38	ng	
10) Phenol	6.34	94	1933619	33.54	ng	96
11) bis(2-Chloroethyl)ether	6.43	93	1651553	36.95	ng	96
12) 1,3-Dichlorobenzene	6.63	146	1739209m	34.72	ng	
13) 1,4-Dichlorobenzene	6.71	146	1755027	34.08	ng	94
14) 1,2-Dichlorobenzene	6.86	146	1587205m	33.02	ng	
15) Benzyl Alcohol	6.83	79	1141852	35.00	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1937180	33.86	ng	92
17) 2-Methylphenol	6.95	107	1350721	35.99	ng	98
18) Hexachloroethane	7.20	117	611412	33.29	ng	# 88
19) n-Nitroso-di-n-propylamine	7.12	70	1176157	37.39	ng	# 88
20) 3+4-Methylphenols	7.11	107	1479799	32.16	ng	# 76
22) Acetophenone	7.11	105	2009358	31.49	ng	# 90
24) Nitrobenzene	7.28	77	1698364	33.84	ng	# 79
25) Isophorone	7.52	82	3106175	34.43	ng	# 94
26) 2-Nitrophenol	7.59	139	799041	31.91	ng	# 81
27) 2,4-Dimethylphenol	7.63	122	1508993	33.44	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	2002811	35.88	ng	96
29) 2,4-Dichlorophenol	7.83	162	1283882	33.90	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	1449763	34.61	ng	96
31) Naphthalene	8.00	128	4463106	34.36	ng	99
32) Benzoic acid	7.77	122	1033110	29.38	ng	# 78
33) 4-Chloroaniline	8.04	127	1520646	27.01	ng	# 92
34) Hexachlorobutadiene	8.12	225	735664	33.54	ng	98
35) Caprolactam	8.42	113	432553m	37.51	ng	
36) 4-Chloro-3-methylphenol	8.54	107	1503791	36.67	ng	98
37) 2-Methylnaphthalene	8.68	142	2937918m	34.96	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1138971	26.69	ng	97
40) Hexachlorocyclopentadiene	8.84	237	1131699	76.39	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	927690	34.56	ng	98
43) 2,4,5-Trichlorophenol	9.00	196	926199	34.69	ng	98
45) 1,1'-Biphenyl	9.15	154	3336183	32.72	ng	94
46) 2-Chloronaphthalene	9.18	162	2800719	34.75	ng	# 89
47) 2-Nitroaniline	9.27	65	934447	40.65	ng	88
48) Acenaphthylene	9.59	152	4399420	36.32	ng	99
49) Dimethylphthalate	9.46	163	3244721	34.97	ng	99
50) 2,6-Dinitrotoluene	9.52	165	781056	36.46	ng	# 69
51) Acenaphthene	9.76	154	3223832	40.22	ng	99
52) 3-Nitroaniline	9.68	138	738131	31.10	ng	82
53) 2,4-Dinitrophenol	9.78	184	743913	64.51	ng	97
54) Dibenzofuran	9.93	168	3985799	39.59	ng	94
55) 4-Nitrophenol	9.84	139	1378468	71.16	ng	89
56) 2,4-Dinitrotoluene	9.91	165	961300	34.59	ng	# 56
57) Fluorene	10.27	166	2901226	36.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	782395	40.27	ng	98
59) Diethylphthalate	10.16	149	3129384	33.20	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	1164510	31.82	ng	92
61) 4-Nitroaniline	10.30	138	879861	39.55	ng	89
62) Azobenzene	10.42	77	3289511	37.12	ng	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	532065	39.96	ng	# 77
65) n-Nitrosodiphenylamine	10.39	169	2648124	36.34	ng	98
66) 4-Bromophenyl-phenylether	10.75	248	849383	34.96	ng	# 82
67) Hexachlorobenzene	10.81	284	887016	32.00	ng	# 81
68) Atrazine	10.91	200	608834	27.28	ng	97
69) Pentachlorophenol	11.00	266	1003225	63.86	ng	98
70) Phenanthrene	11.22	178	3876873	33.12	ng	95
71) Anthracene	11.28	178	4377011	36.79	ng	100
72) Carbazole	11.43	167	3556035	33.32	ng	97
73) Di-n-butylphthalate	11.78	149	4934753	36.96	ng	98
74) Fluoranthene	12.40	202	3588049	32.23	ng	92
76) Benzidine	12.52	184	1276182	27.45	ng	99
77) Pyrene	12.63	202	3645818	31.17	ng	96
79) Butylbenzylphthalate	13.28	149	1910383	36.16	ng	# 82
80) Benzo(a)anthracene	13.86	228	2935700	35.68	ng	98
81) 3,3'-Dichlorobenzidine	13.83	252	831361	30.82	ng	97
82) Chrysene	13.91	228	2398331	34.00	ng	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	2587080	35.55	ng	96
84) Di-n-octyl phthalate	14.57	149	3699057	38.25	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.67	276	2938053	32.65	ng	99
87) Benzo(b)fluoranthene	14.98	252	2319636	35.45	ng	98
88) Benzo(k)fluoranthene	15.02	252	2465381m	41.53	ng	
89) Benzo(a)pyrene	15.31	252	2334016	37.68	ng	98
90) Dibenzo(a,h)anthracene	16.70	278	2432651	36.19	ng	99
91) Benzo(g,h,i)perylene	17.06	276	2533706	35.79	ng	96

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

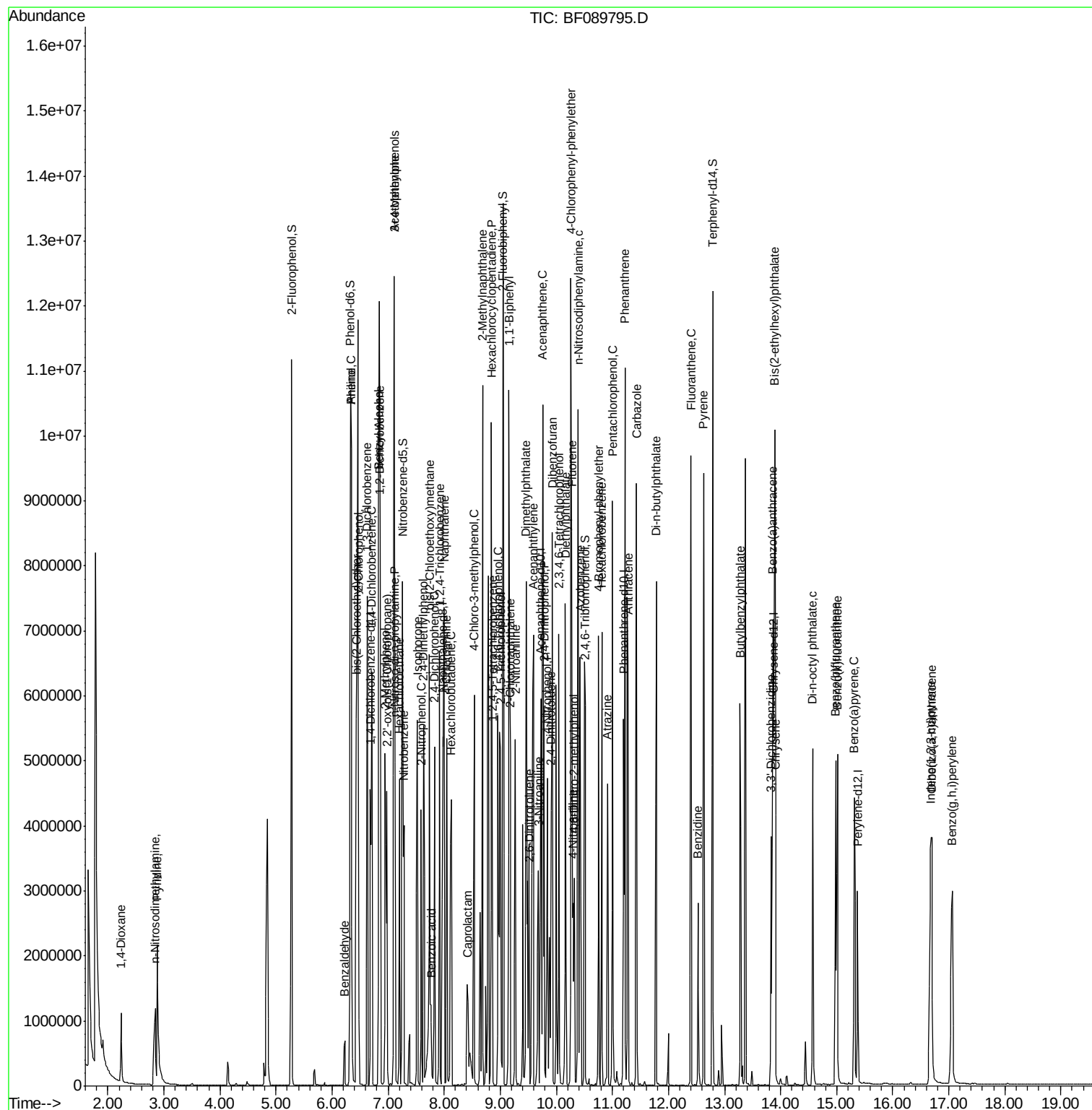
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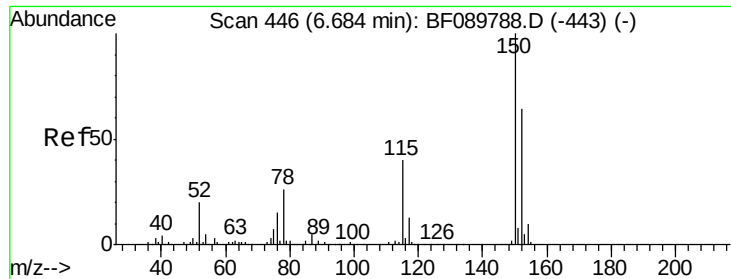
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

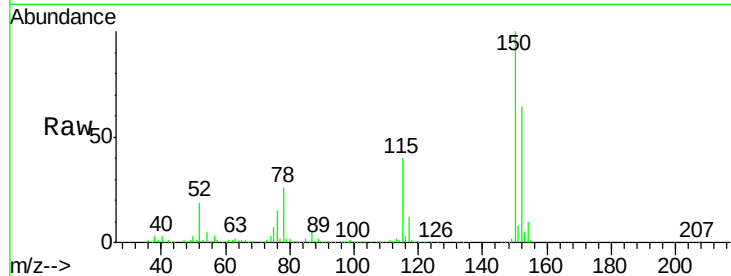
ClientSampleId :

PB92811BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.3	187.9
115	61.7	40.9	61.3

Manual Integrations
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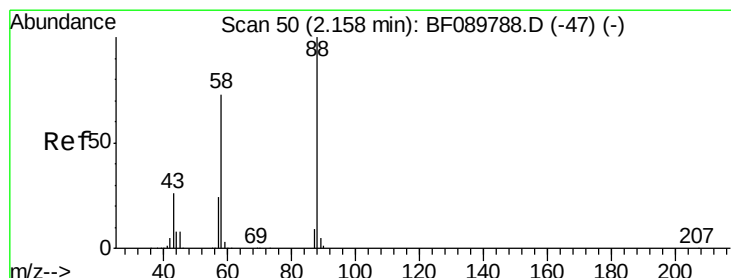
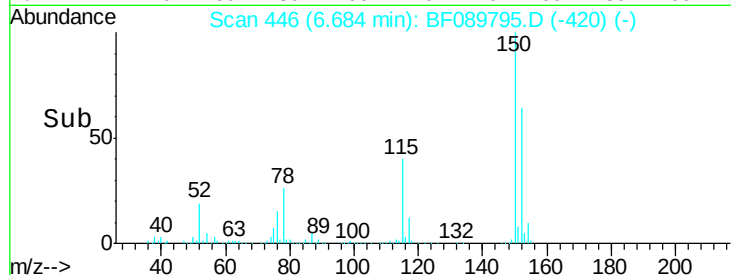
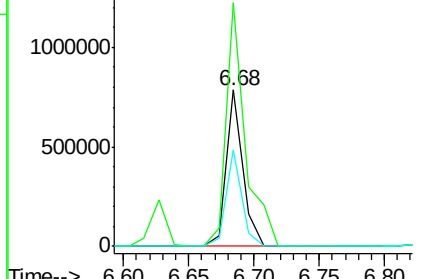
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.23 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.08 min

Lab File: BF089795.D

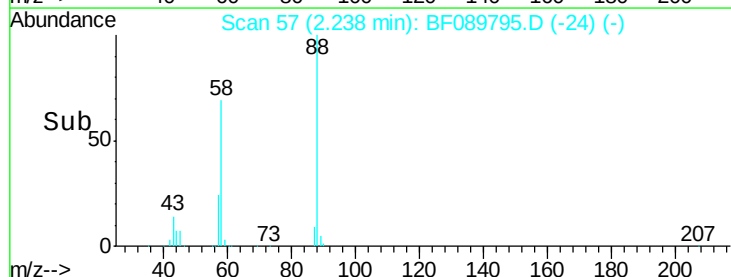
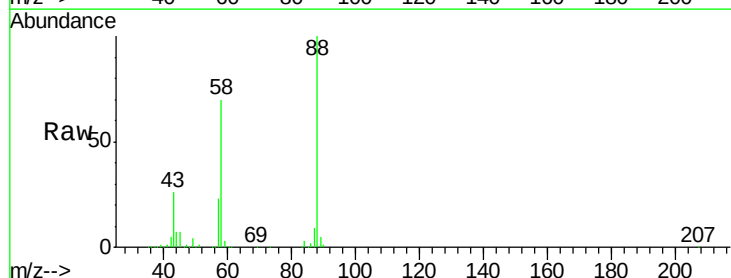
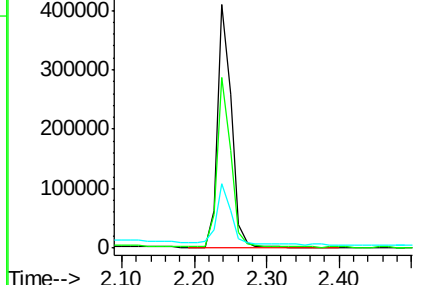
Acq: 19 Aug 2016 15:09

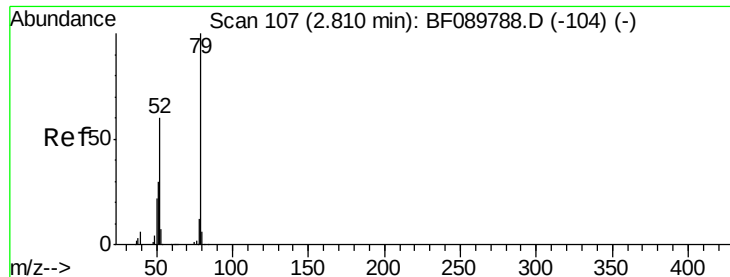
Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	57.0	85.4
43	27.0	21.8	32.8

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

Pyridine

Concen: 30.08 ng

RT: 2.88 min Scan# 113

Delta R.T. 0.07 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampled :

PB92811BS

Tgt Ion: 79 Resp: 1564498

Ion Ratio Lower Upper

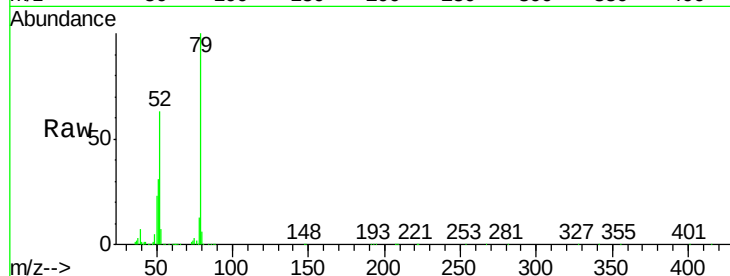
79 100

52 63.1 53.6 80.4

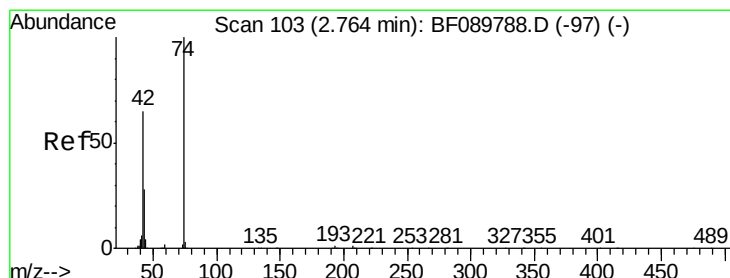
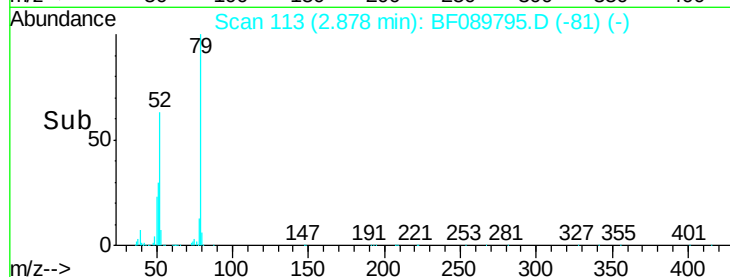
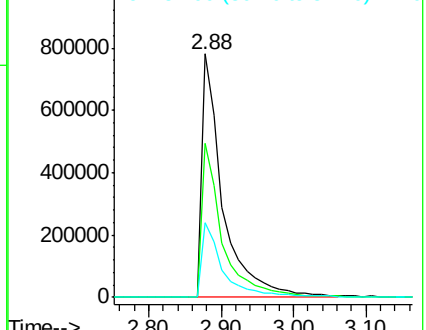
51 30.7 26.6 39.8

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.27 ng

RT: 2.84 min Scan# 110

Delta R.T. 0.08 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

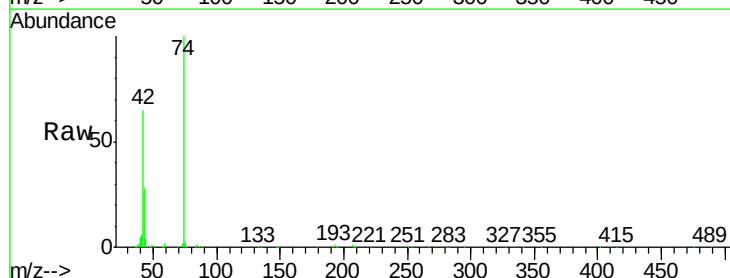
Tgt Ion: 42 Resp: 663694

Ion Ratio Lower Upper

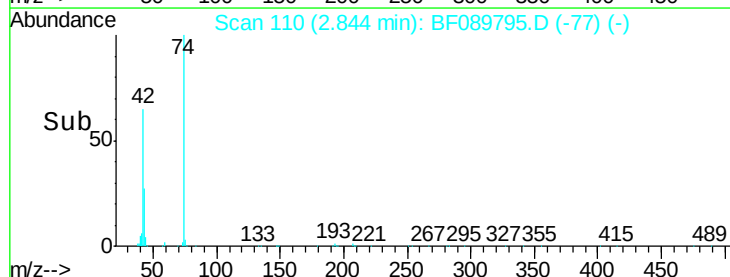
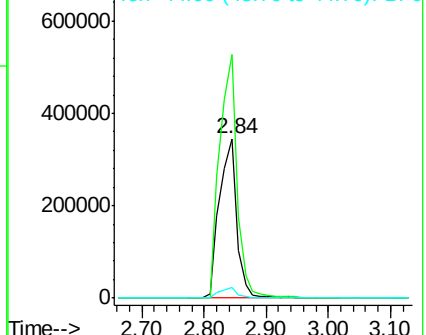
42 100

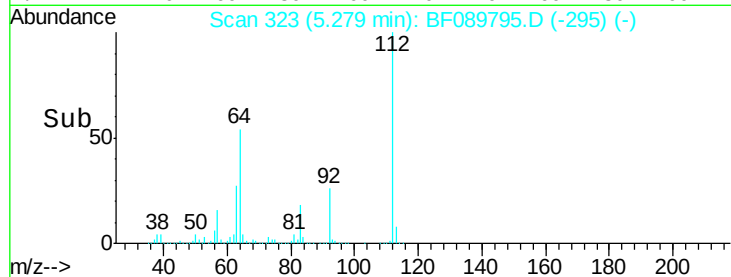
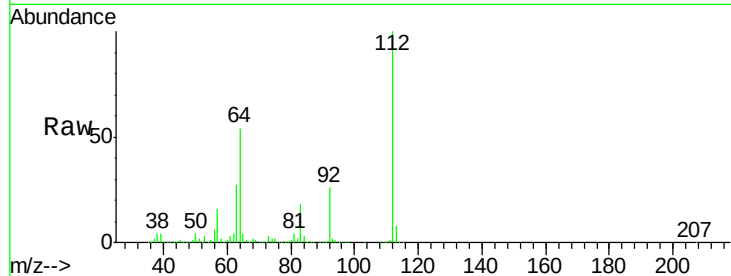
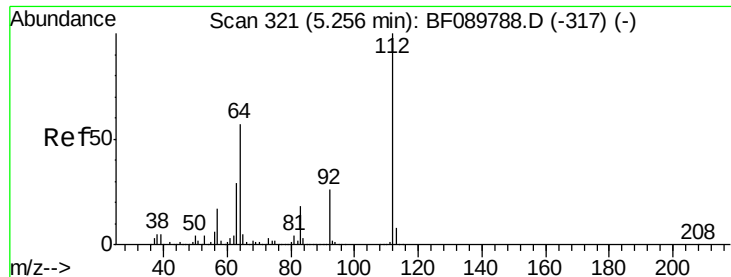
74 152.9 106.2 159.2

44 6.8 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 103.29 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.02 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion: 112 Resp: 4139029

Ion Ratio Lower Upper

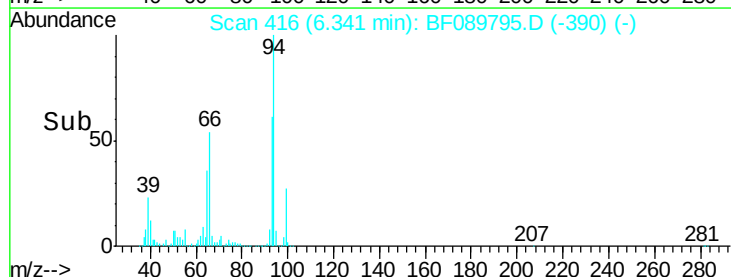
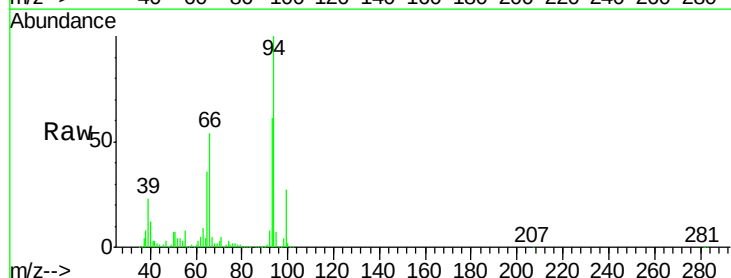
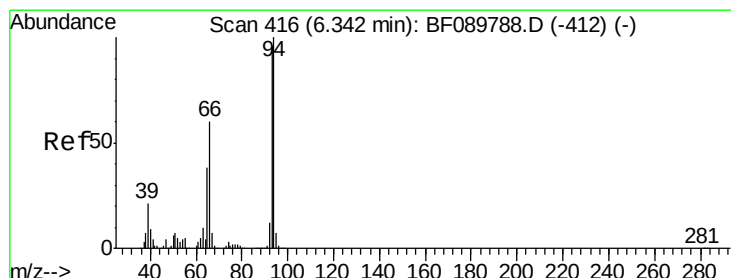
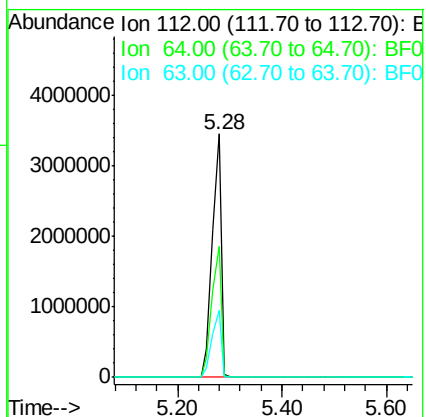
112 100

64 53.6 45.0 67.4

63 27.5 23.1 34.7

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#6

Aniline

Concen: 28.52 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

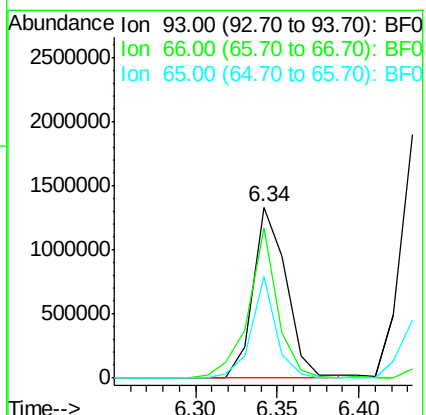
Tgt Ion: 93 Resp: 1881850

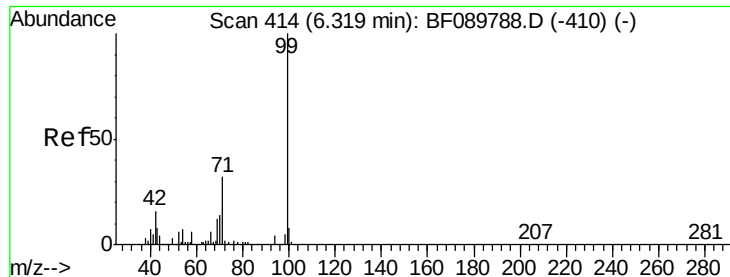
Ion Ratio Lower Upper

93 100

66 87.6 30.6 46.0#

65 59.2 15.4 23.2#





#7

Phenol-d6

Concen: 96.70 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion: 99 Resp: 4756401

Ion Ratio Lower Upper

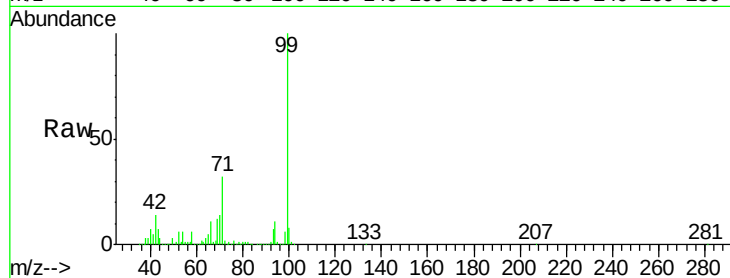
99 100

42 14.3 12.2 18.4

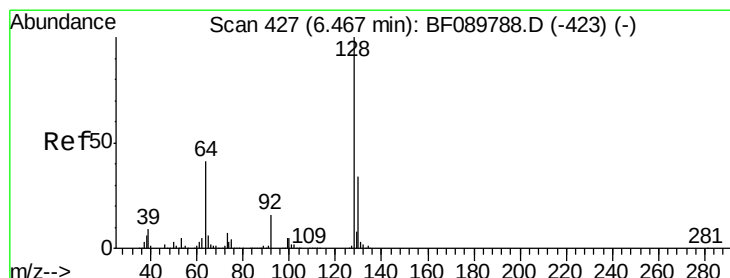
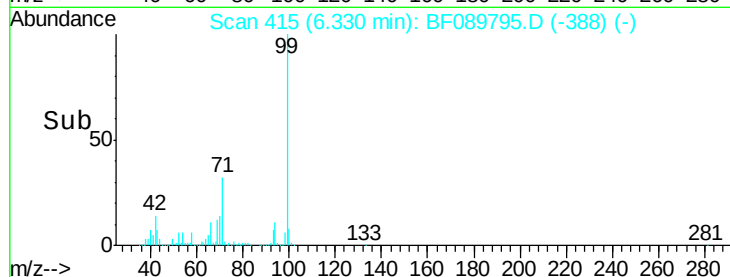
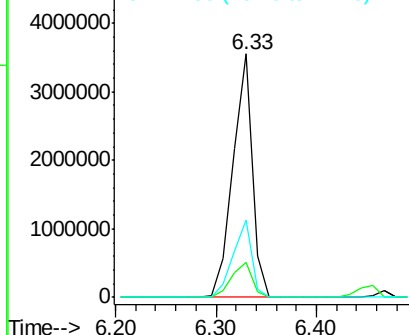
71 31.7 23.8 35.8

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.81 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

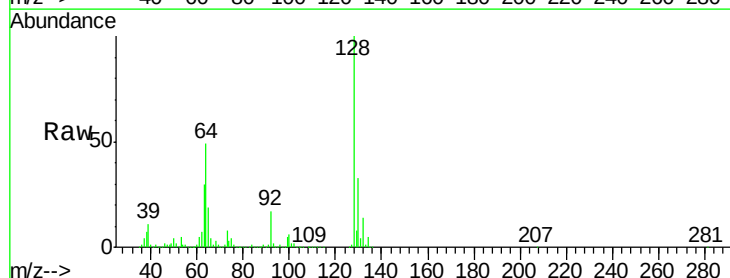
Tgt Ion: 128 Resp: 1572413

Ion Ratio Lower Upper

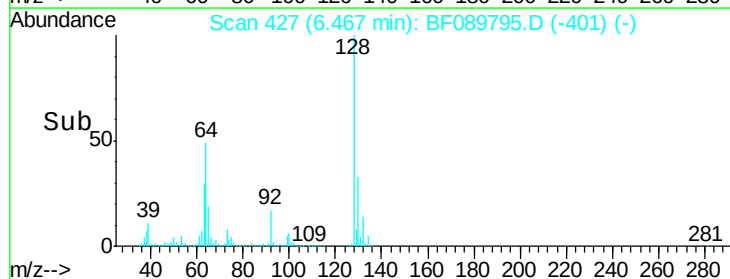
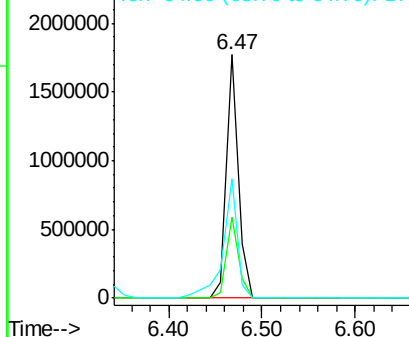
128 100

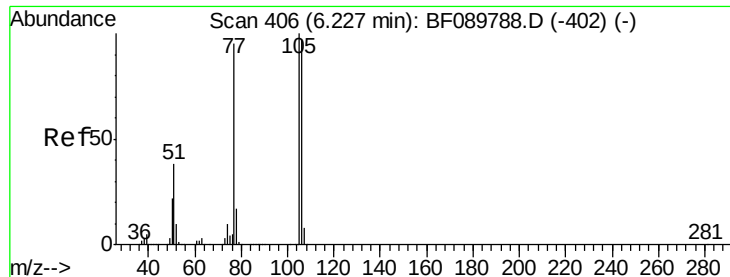
130 33.2 12.0 52.0

64 49.1 35.1 75.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.38 ng m

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

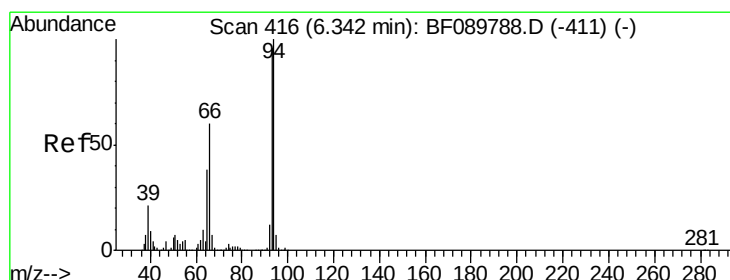
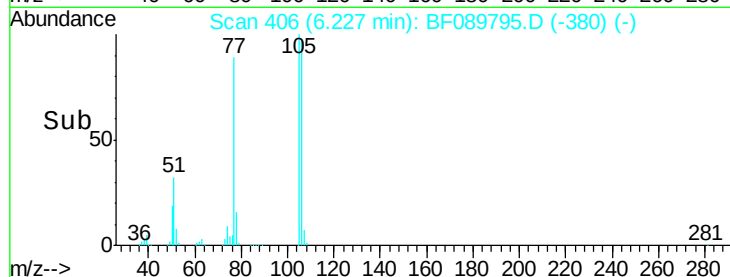
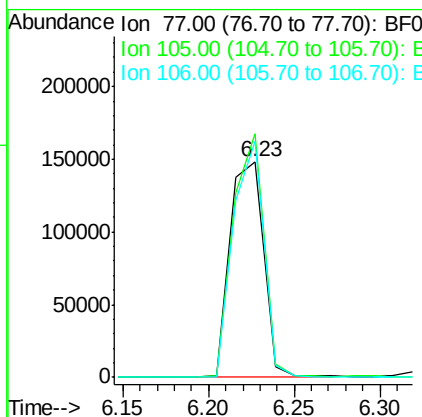
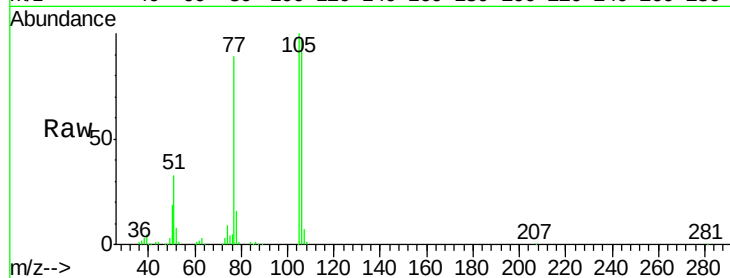
ClientSampleId :

PB92811BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	112.7	73.3	113.3
106	109.4	68.6	108.6

Manual Integrations
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#10

Phenol

Concen: 33.54 ng

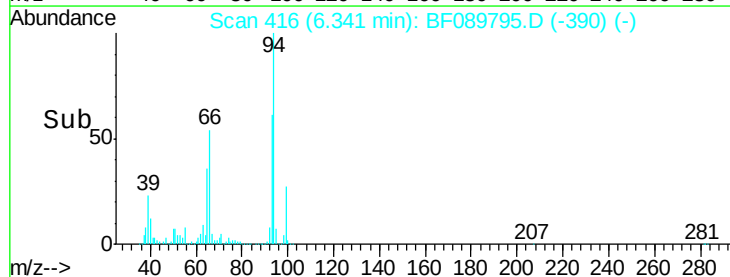
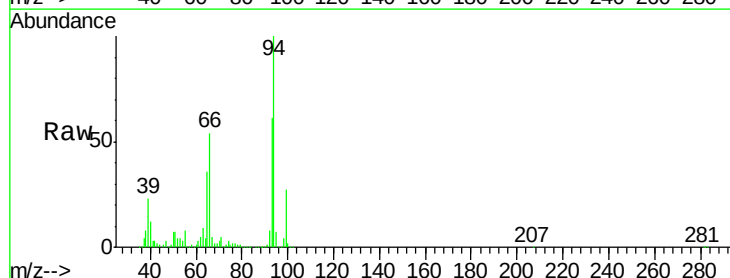
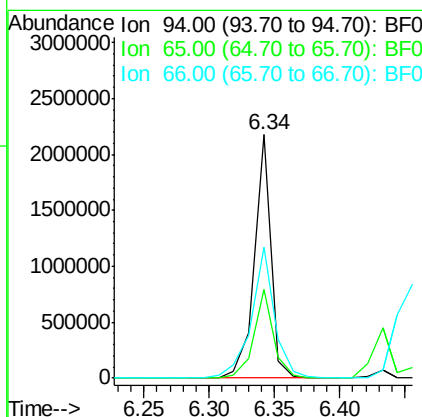
RT: 6.34 min Scan# 416

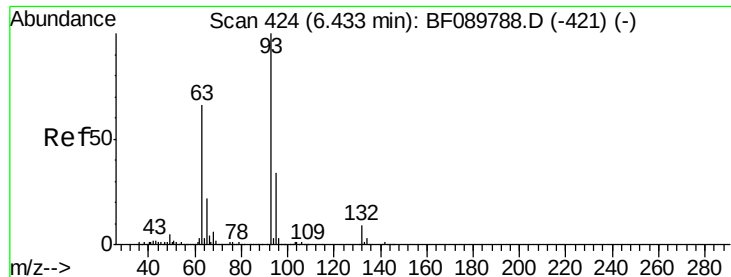
Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.3	14.0	54.0
66	53.7	31.2	71.2





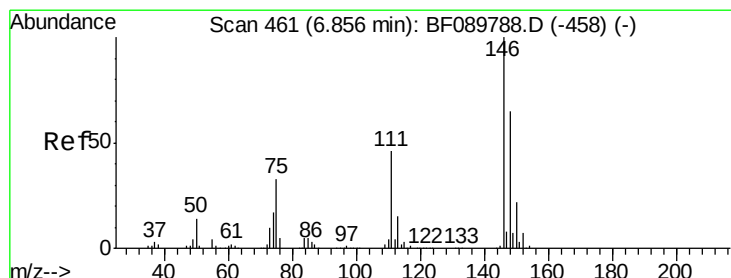
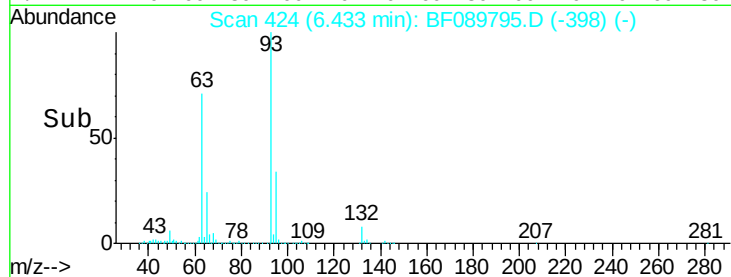
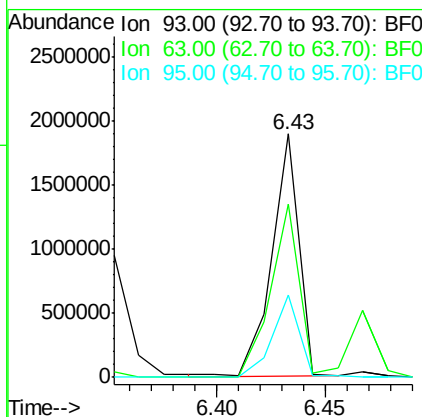
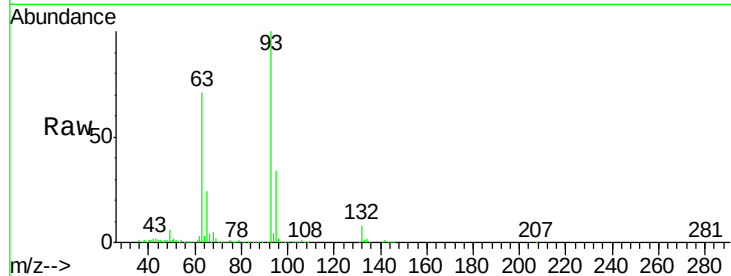
#11
bis(2-Chloroethyl)ether
Concen: 36.95 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion: 93 Resp: 1651553
Ion Ratio Lower Upper
93 100
63 70.9 55.8 95.8
95 33.9 13.0 53.0

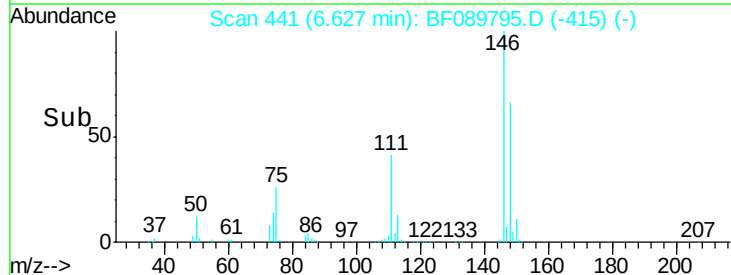
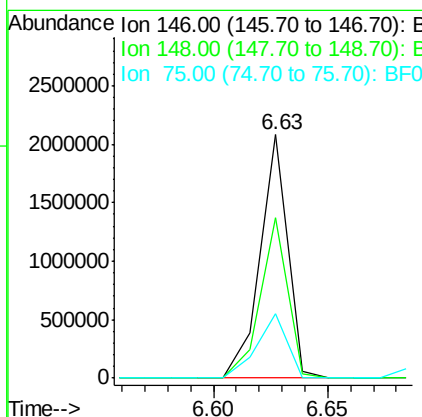
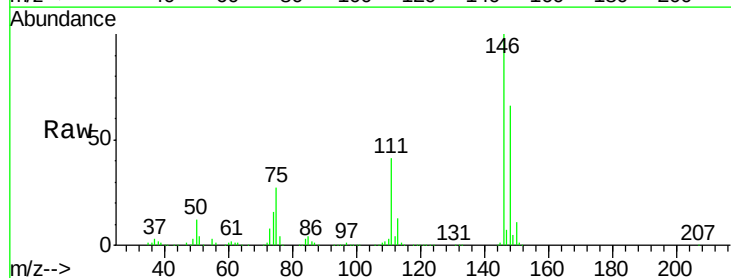
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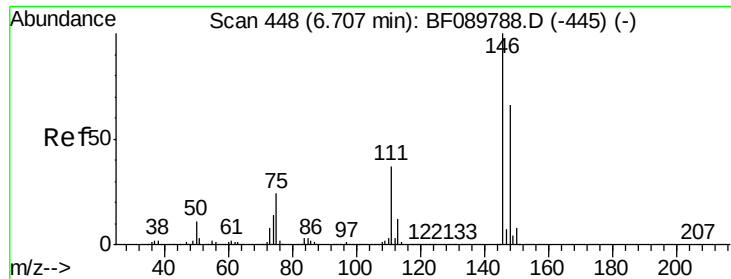
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#12
1,3-Dichlorobenzene
Concen: 34.72 ng m
RT: 6.63 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion: 146 Resp: 1739209
Ion Ratio Lower Upper
146 100
148 65.8 51.0 76.4
75 26.7 27.0 40.6#





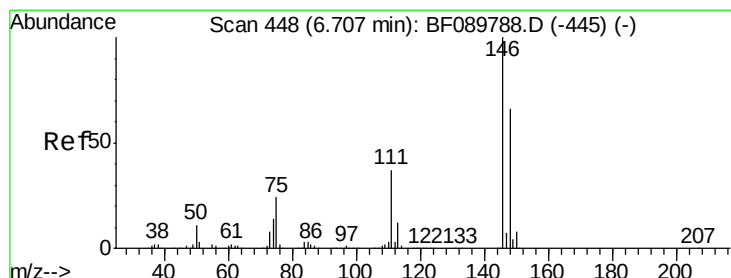
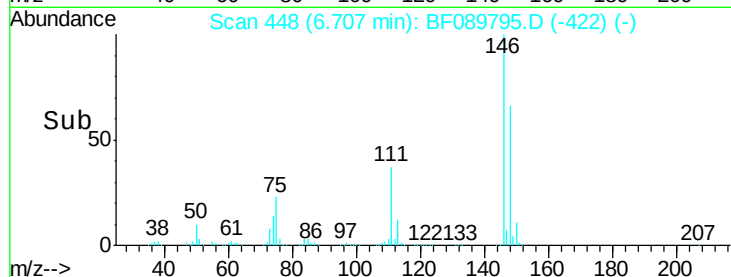
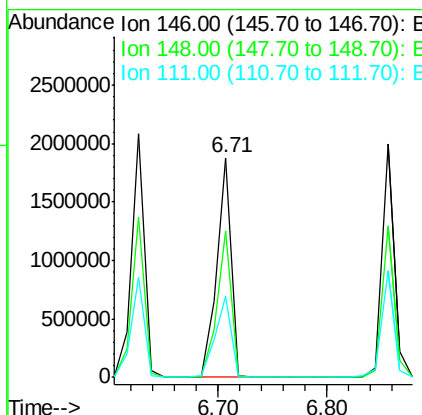
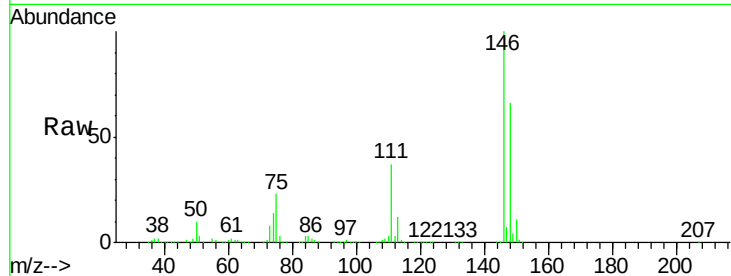
#13
 1,4-Dichlorobenzene
 Concen: 34.08 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion:146 Resp: 1755027
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.0 76.6
 111 36.7 34.6 52.0

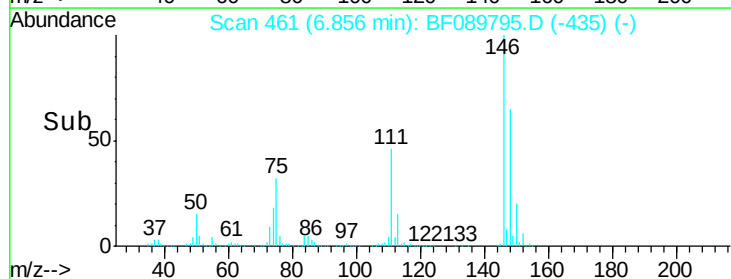
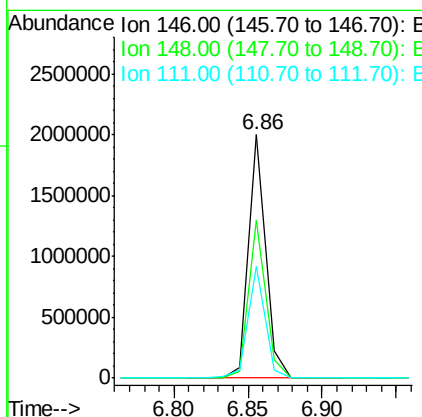
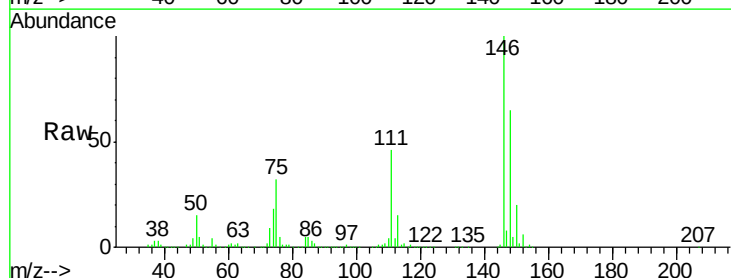
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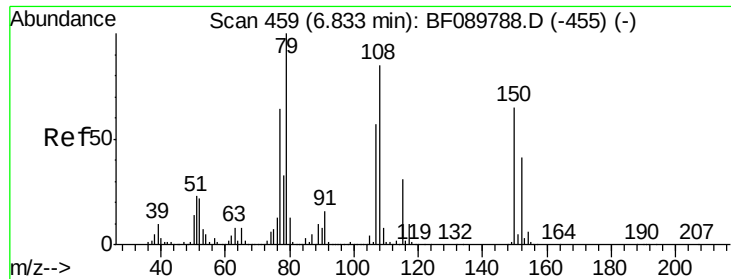
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#14
 1,2-Dichlorobenzene
 Concen: 33.02 ng m
 RT: 6.86 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:146 Resp: 1587205
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 45.7 29.8 44.6#





#15

Benzyl Alcohol

Concen: 35.00 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion: 79 Resp: 1141852

Ion Ratio Lower Upper

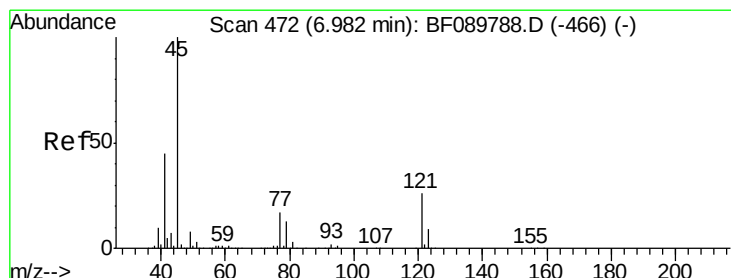
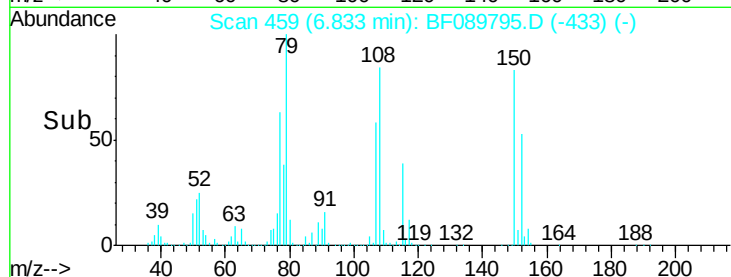
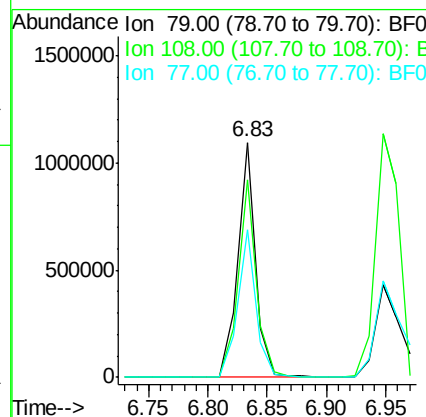
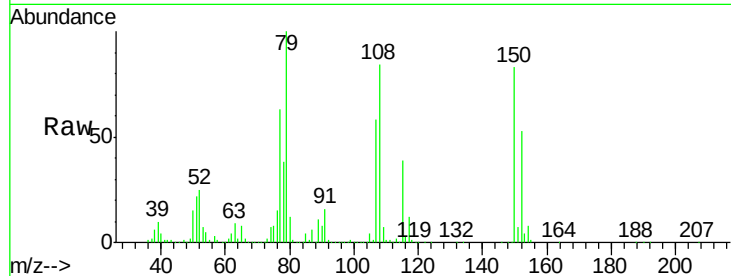
79 100

108 84.0 62.5 93.7

77 63.0 51.5 77.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.86 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

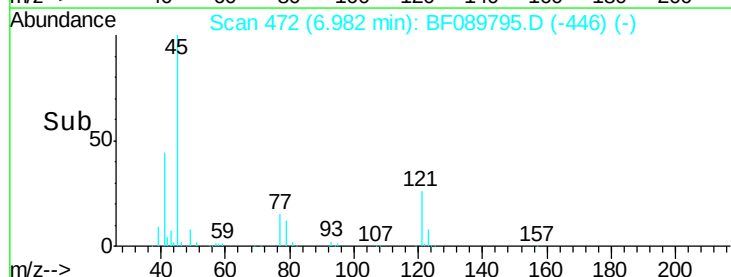
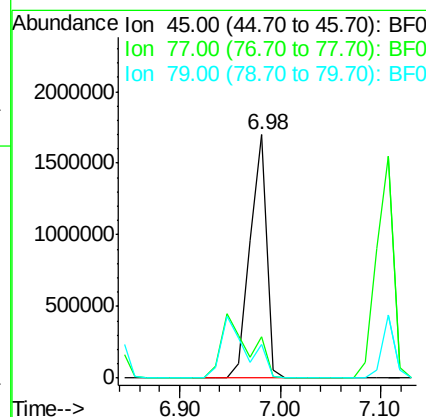
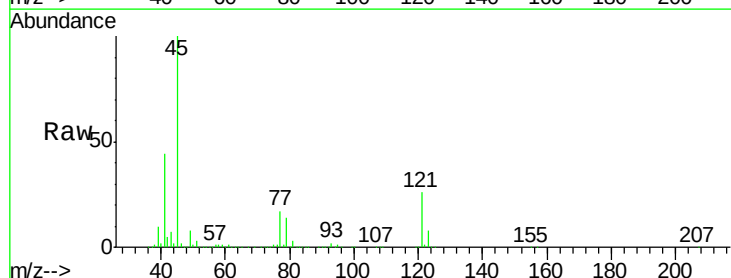
Tgt Ion: 45 Resp: 1937180

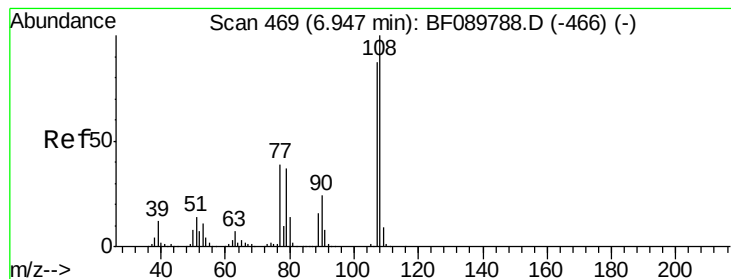
Ion Ratio Lower Upper

45 100

77 17.0 0.0 33.5

79 13.6 0.0 30.7





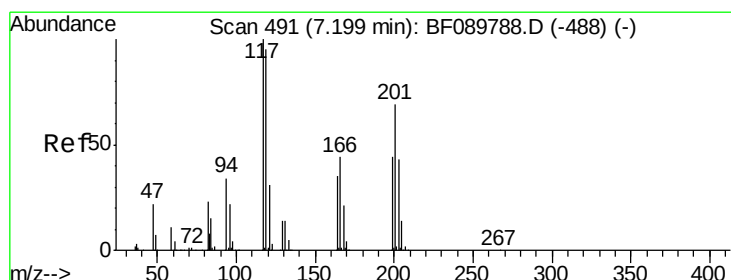
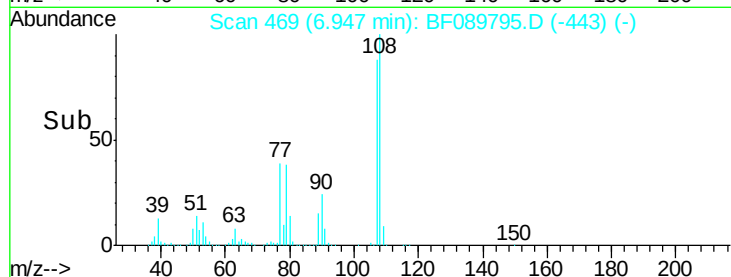
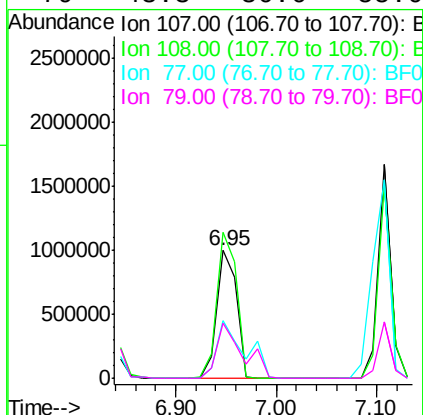
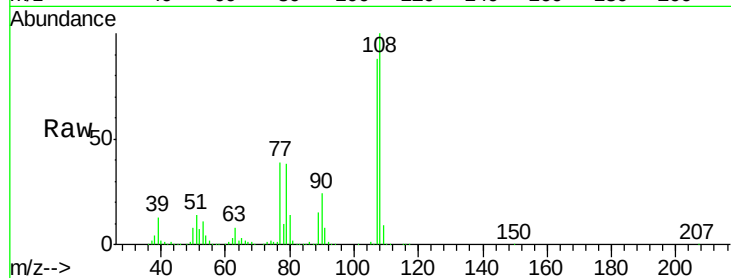
#17
2-Methylphenol
Concen: 35.99 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.0	136.4
77	45.0	37.4	56.0
79	43.3	36.6	55.0

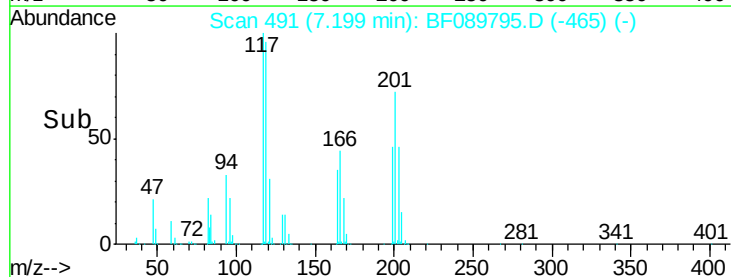
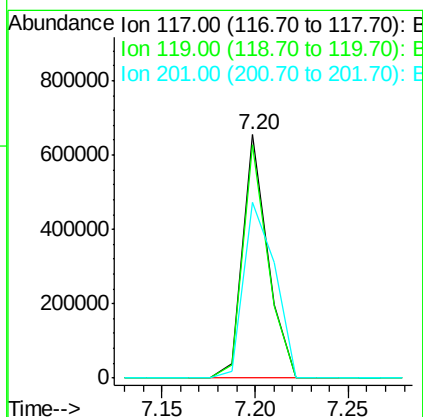
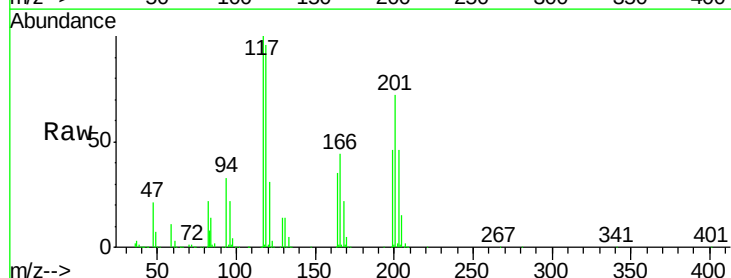
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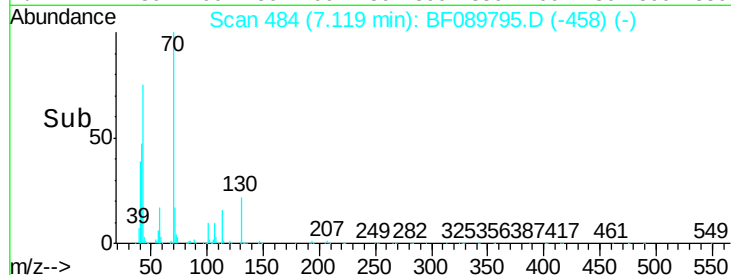
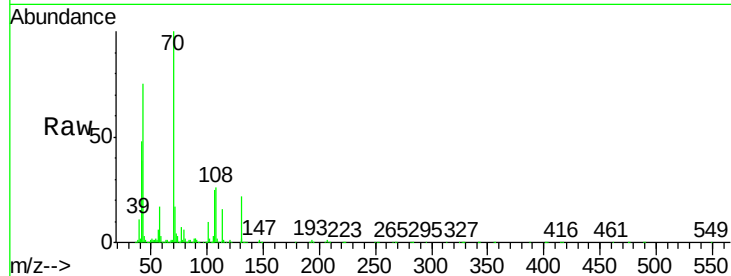
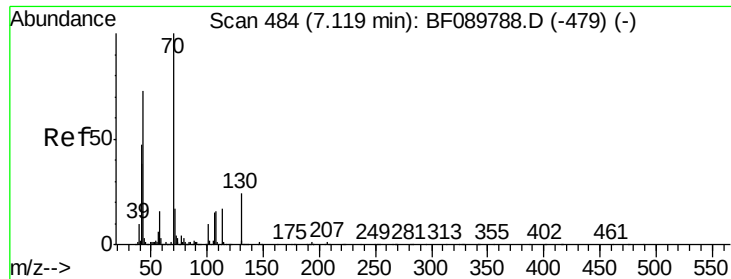
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#18
Hexachloroethane
Concen: 33.29 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.1	115.7
201	72.1	76.9	115.3#





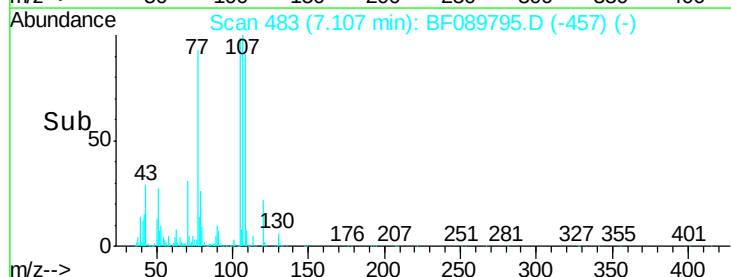
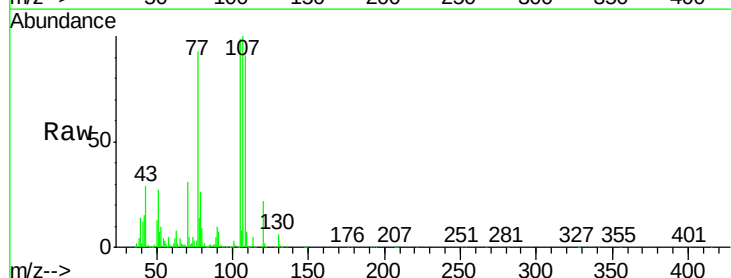
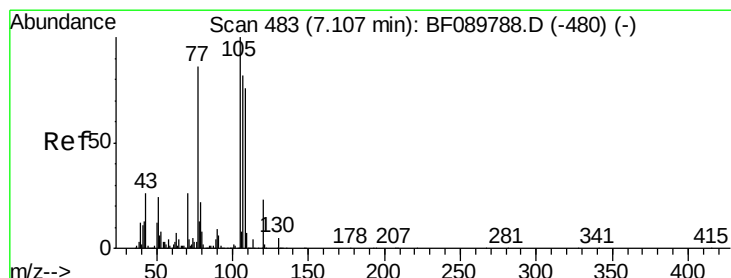
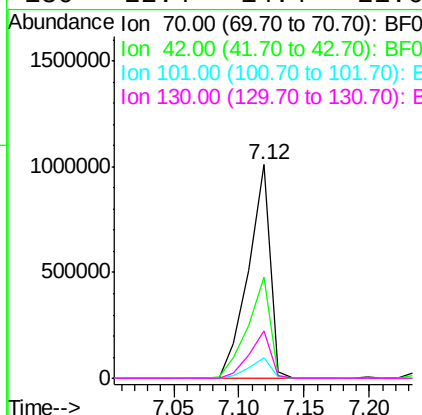
#19
n-Nitroso-di-n-propylamine
Concen: 37.39 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.6	46.3	69.5
101	9.5	7.0	10.6
130	22.4	14.4	21.6#

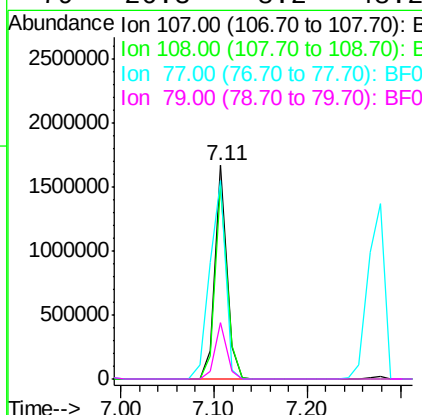
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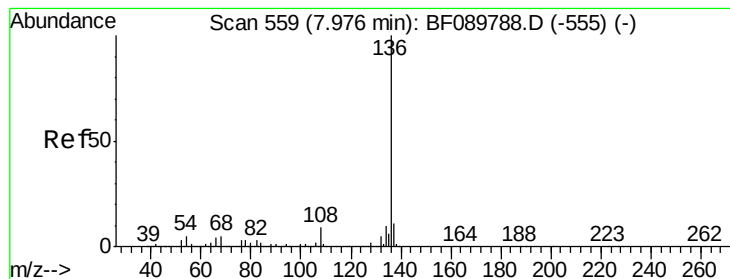
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#20
3+4-Methylphenols
Concen: 32.16 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	92.6	122.3	162.3#
79	26.3	8.2	48.2





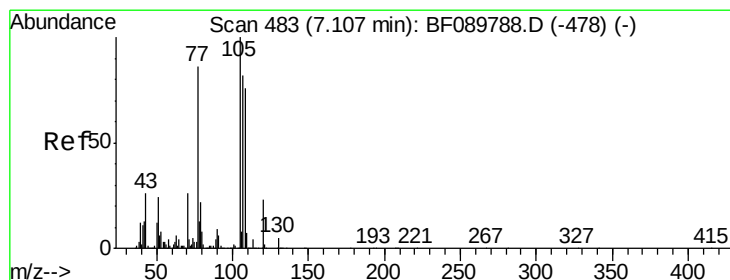
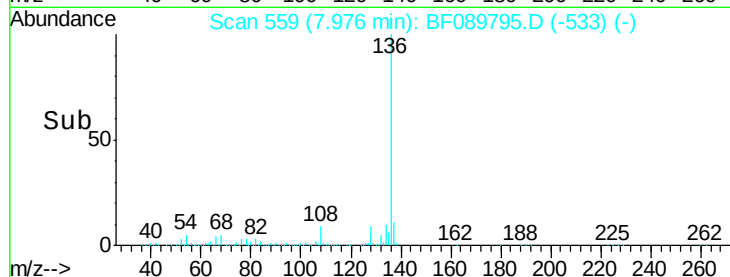
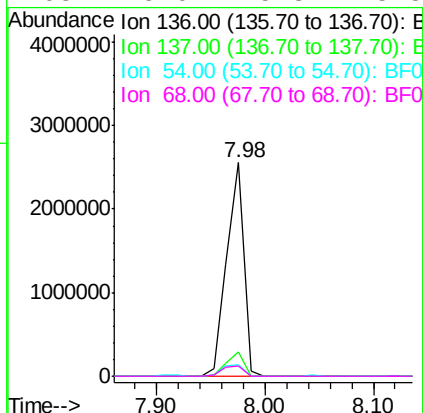
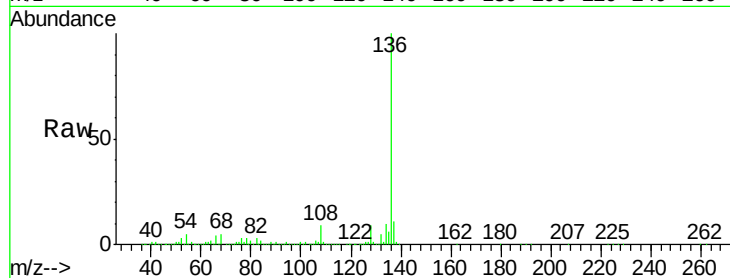
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	2779029		
137	11.5	9.2	13.8	
54	5.5	7.2	10.8#	
68	5.0	5.8	8.8#	

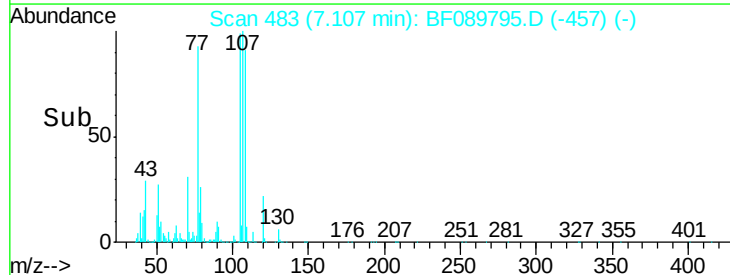
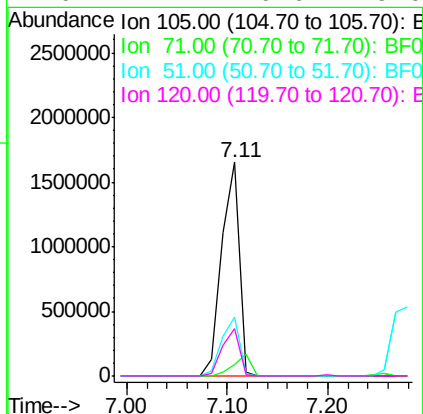
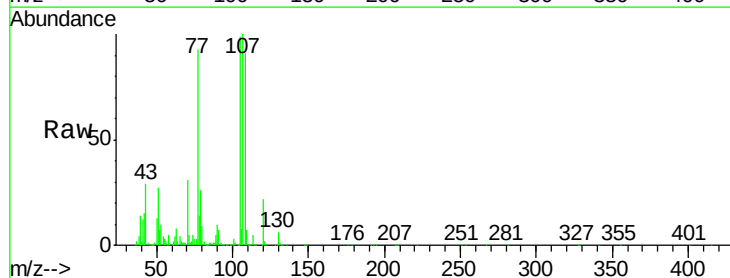
Manual Integrations
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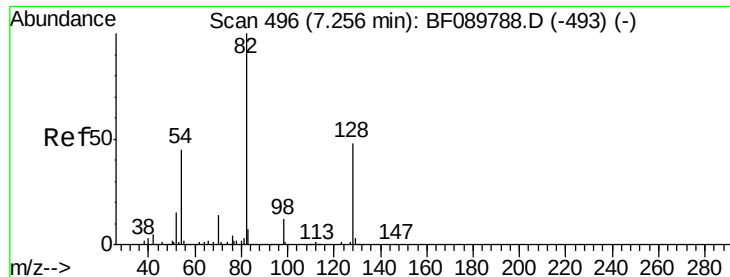
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#22
Acetophenone
Concen: 31.49 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	2009358		
71	5.3	1.9	2.9#	
51	27.3	28.5	42.7#	
120	22.1	16.6	25.0	





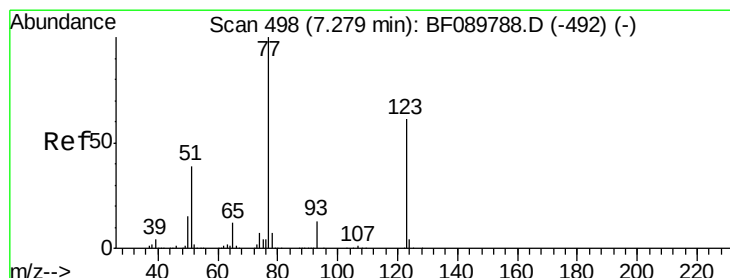
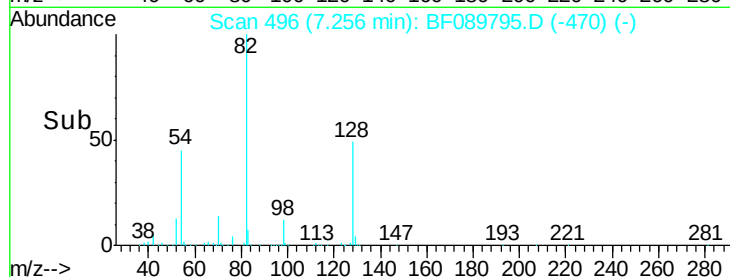
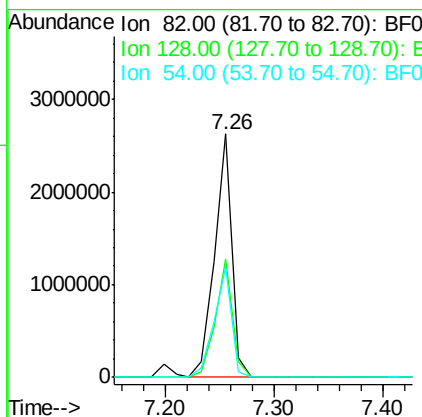
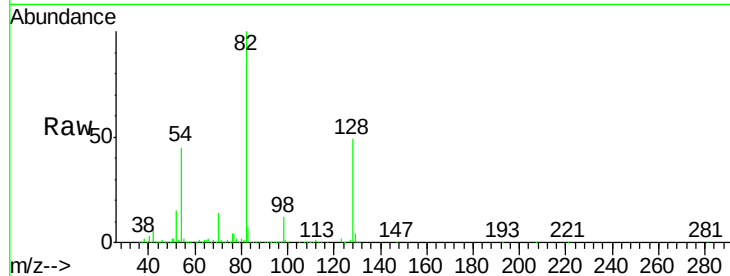
#23
 Nitrobenzene-d5
 Concen: 65.36 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.4	51.6
54	45.4	40.3	60.5

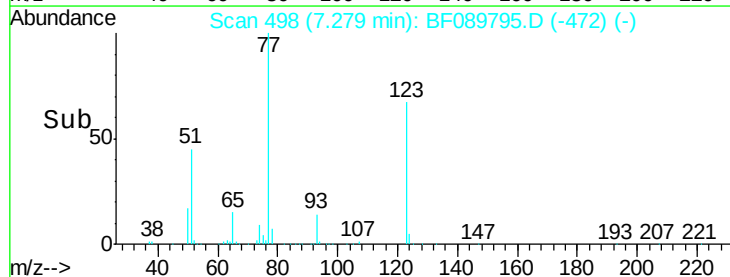
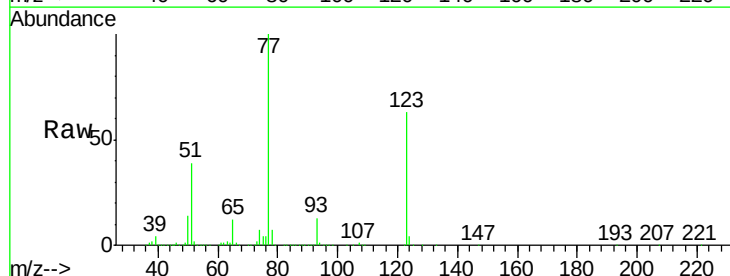
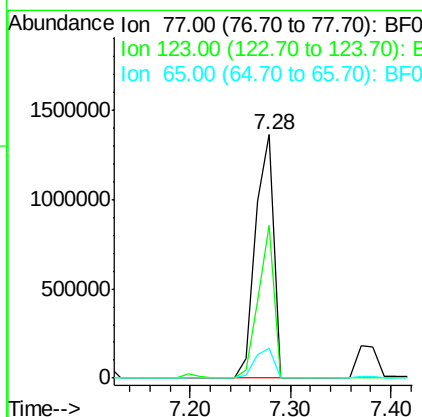
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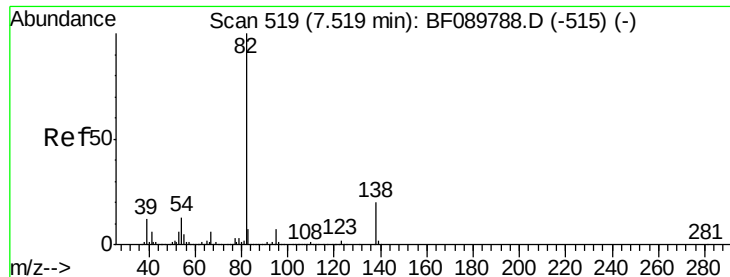
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#24
 Nitrobenzene
 Concen: 33.84 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	62.9	36.2	54.2#
65	12.2	10.6	15.8





#25

Isophorone

Concen: 34.43 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion: 82 Resp: 3106175

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

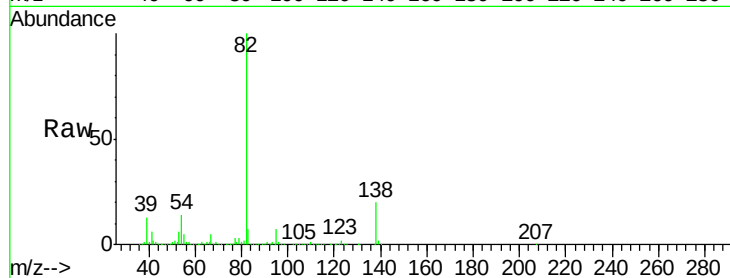
138 19.7 13.0 19.4#

Manual Integrations

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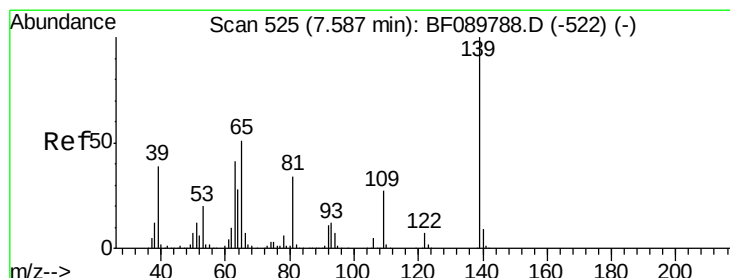
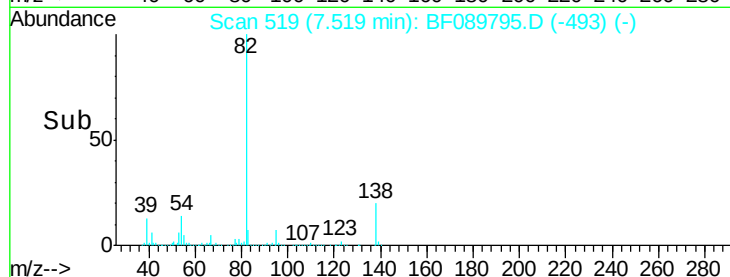
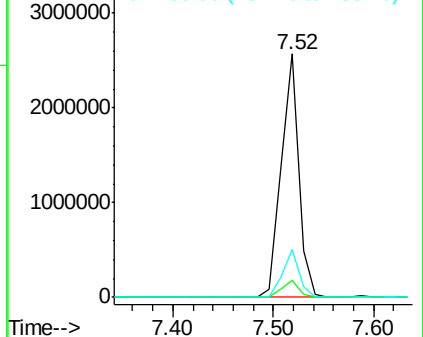
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 31.91 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

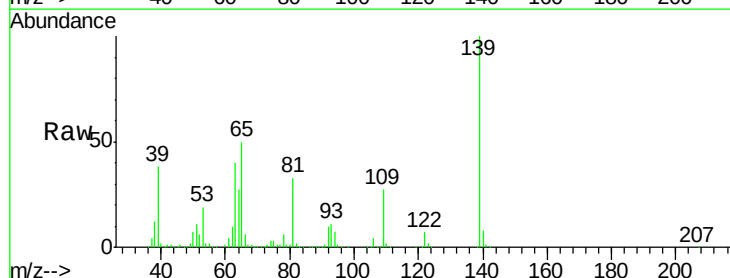
Tgt Ion: 139 Resp: 799041

Ion Ratio Lower Upper

139 100

109 26.7 19.5 29.3

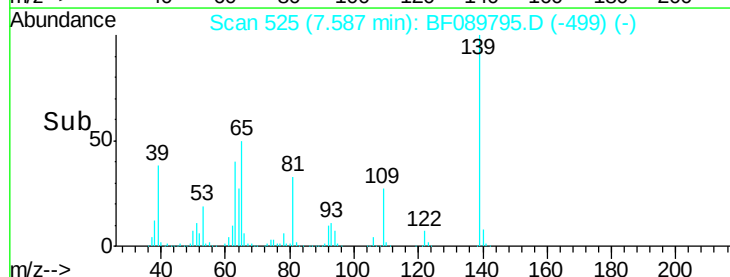
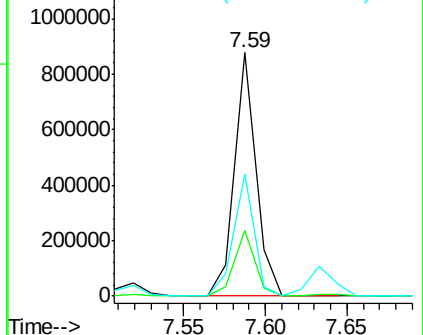
65 50.1 26.5 39.7#

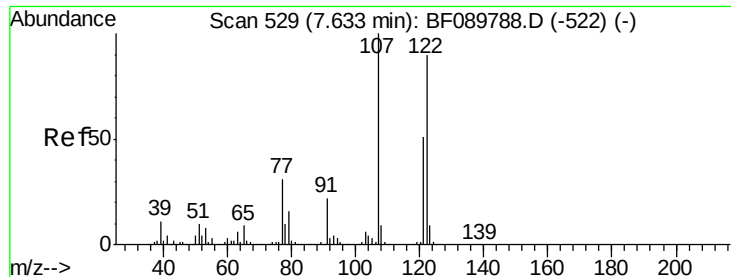


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 33.44 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion:122 Resp: 1508993

Ion Ratio Lower Upper

122 100

107 111.2 84.8 127.2

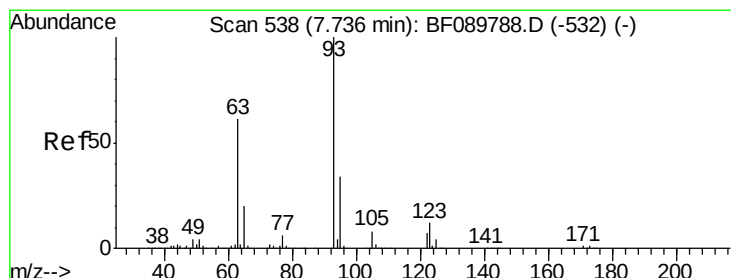
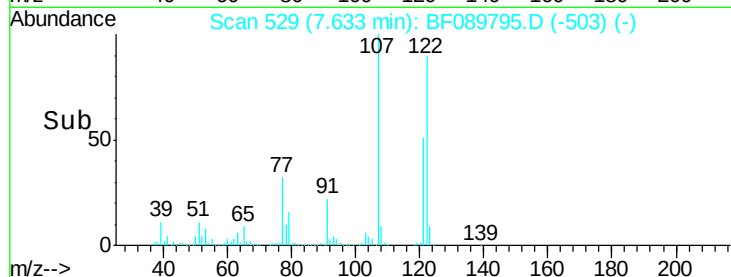
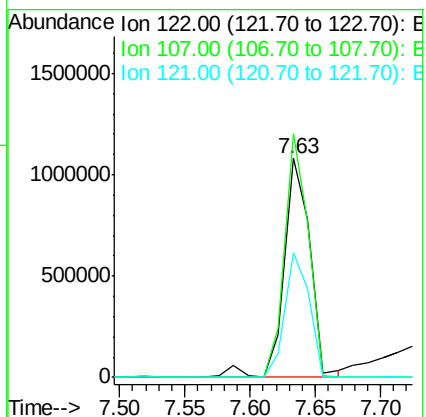
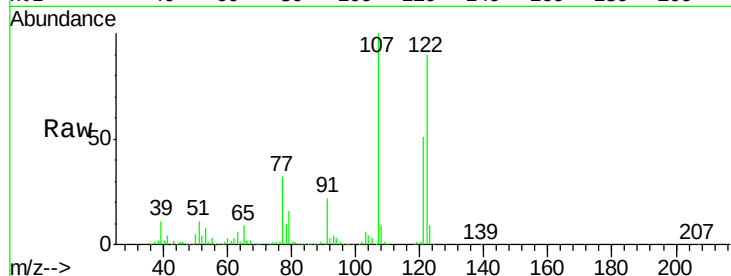
121 56.8 47.0 70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 35.88 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

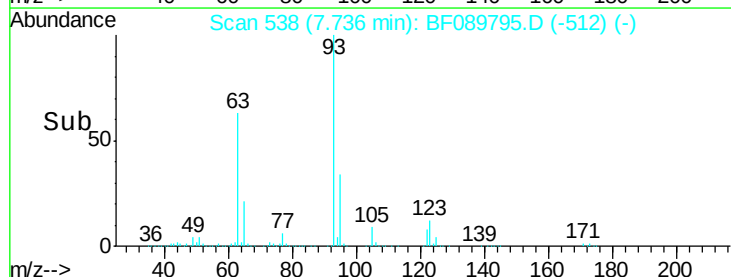
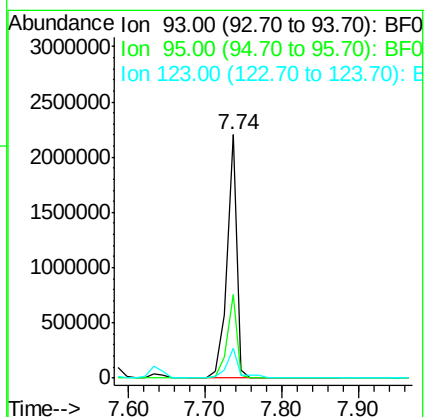
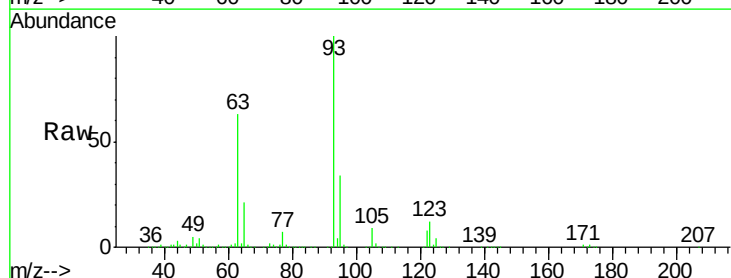
Tgt Ion: 93 Resp: 2002811

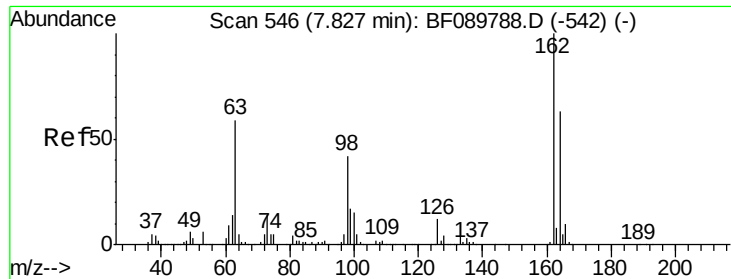
Ion Ratio Lower Upper

93 100

95 34.1 25.5 38.3

123 12.1 8.5 12.7





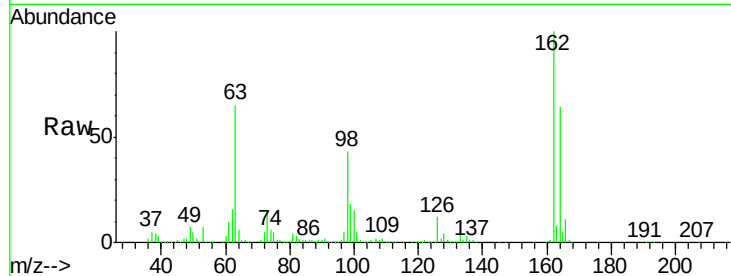
#29
 2,4-Dichlorophenol
 Concen: 33.90 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.5	85.5
98	43.3	12.4	52.4

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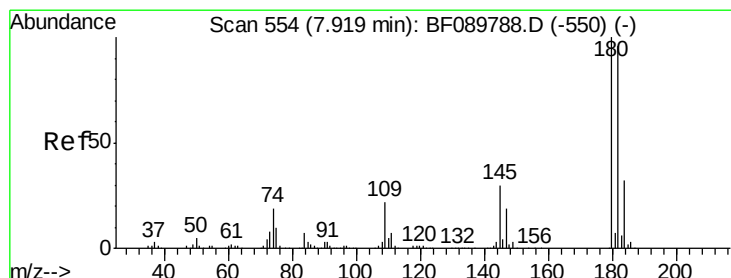
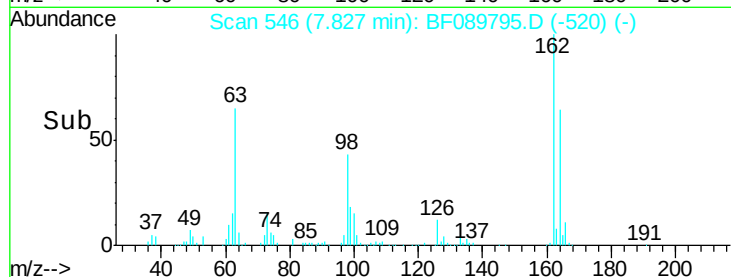
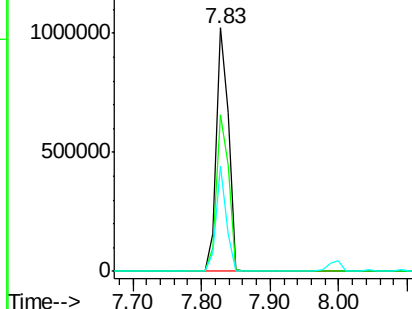


Abundance

Ion 162.00 (161.70 to 162.70): E

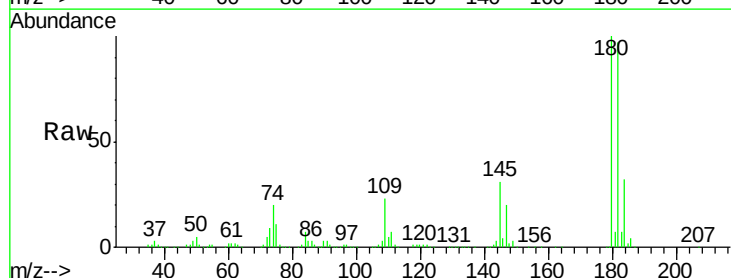
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 34.61 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.5	113.3
145	31.0	28.7	43.1

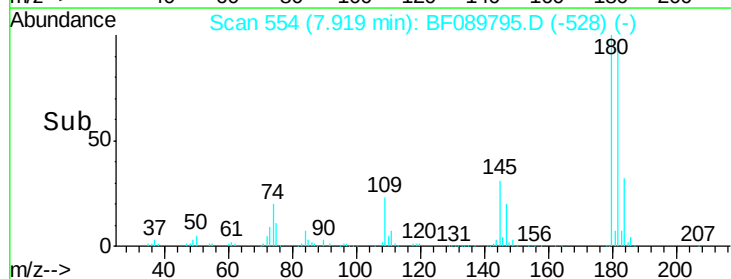
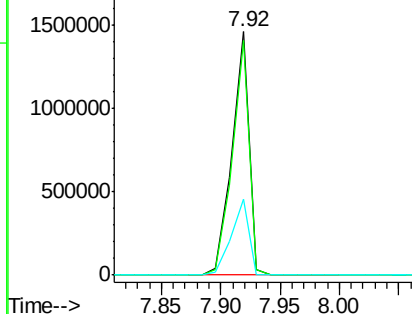


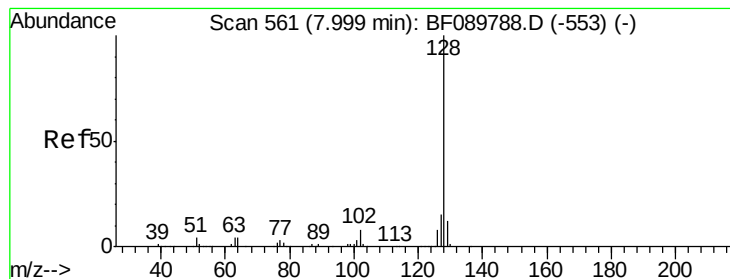
Abundance

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: 34.36 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion:128 Resp: 4463106

Ion Ratio Lower Upper

128 100

129 12.2 9.5 14.3

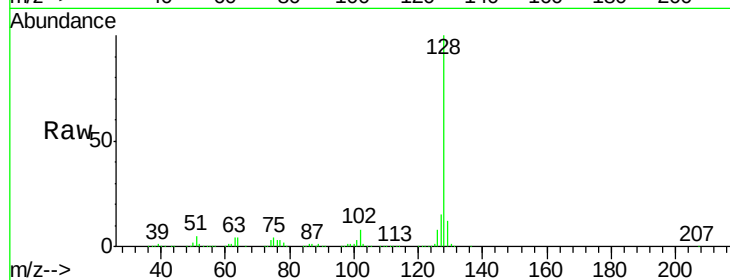
127 14.7 11.3 16.9

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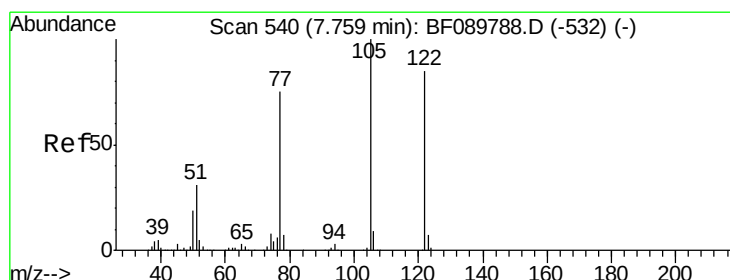
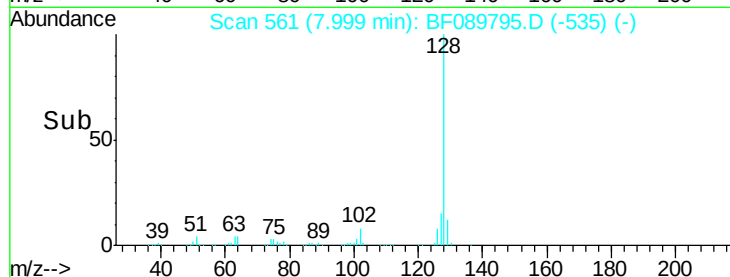
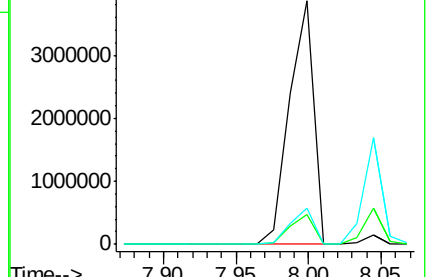
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.38 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

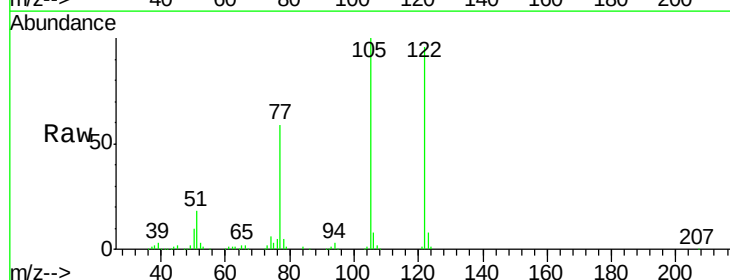
Tgt Ion:122 Resp: 1033110

Ion Ratio Lower Upper

122 100

105 104.3 100.8 140.8

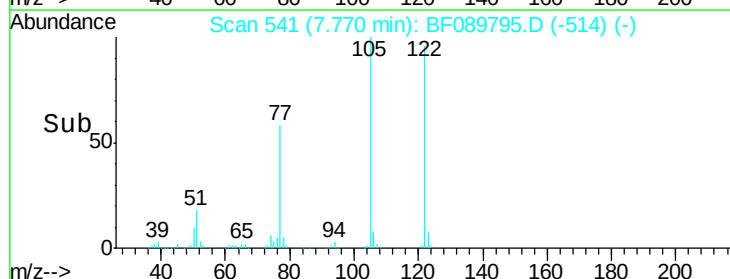
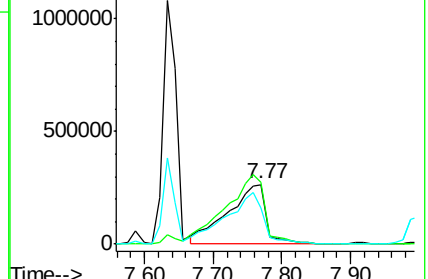
77 61.4 72.1 112.1#

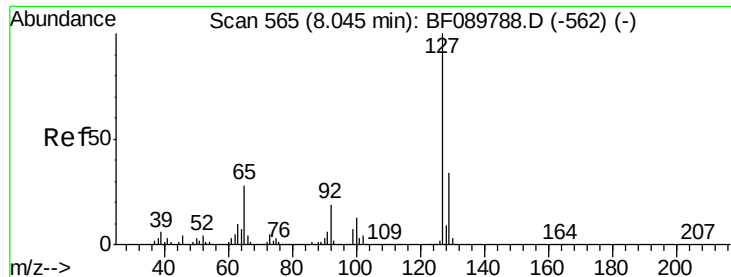


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 27.01 ng

RT: 8.04 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

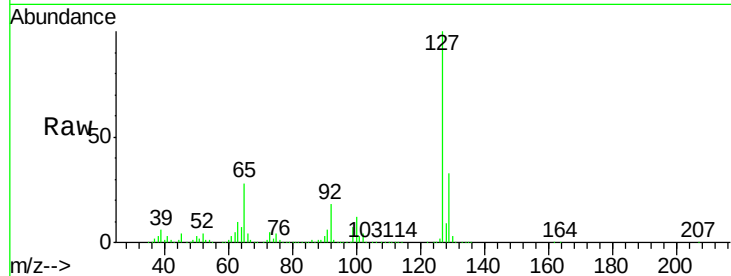
ClientSampled :

PB92811BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.0	40.6
65	27.8	14.7	22.1#
92	18.1	11.7	17.5#

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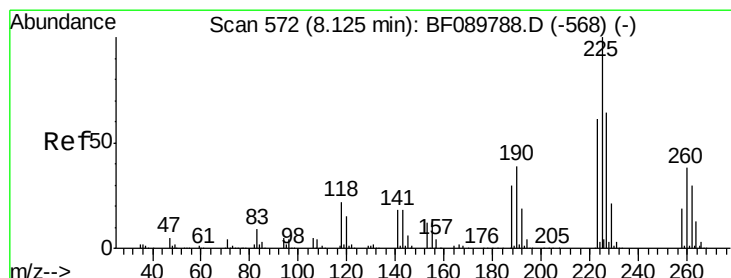
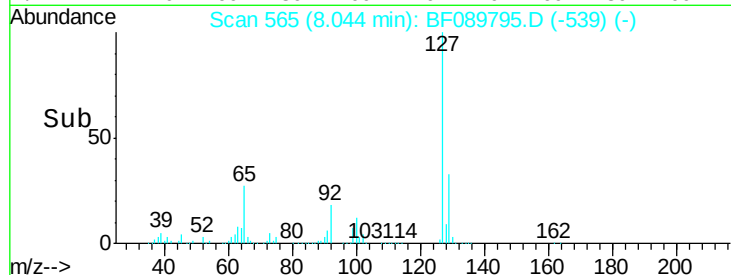
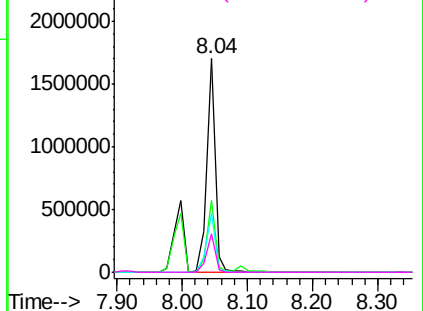
Abundance

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: 33.54 ng

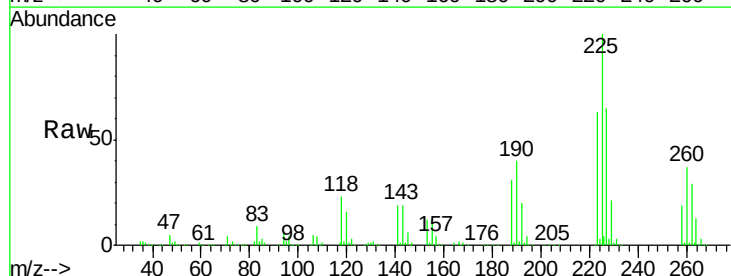
RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	64.7	49.8	74.6

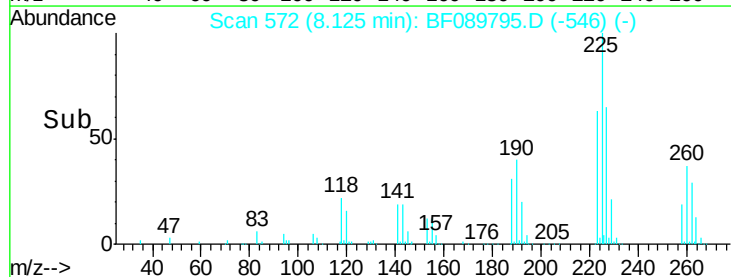
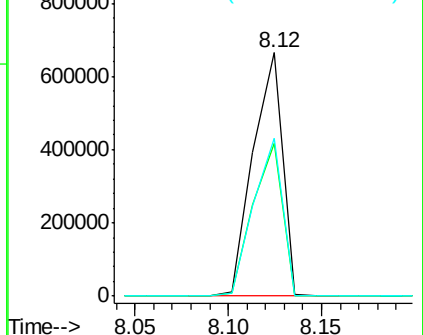


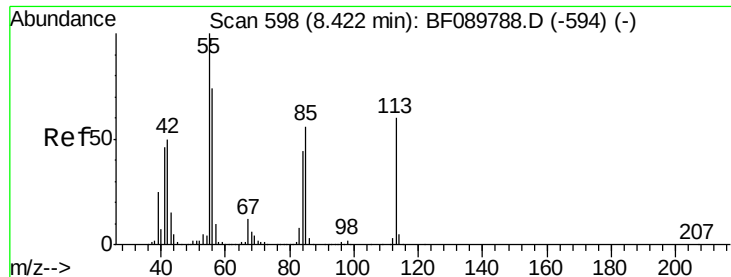
Abundance

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





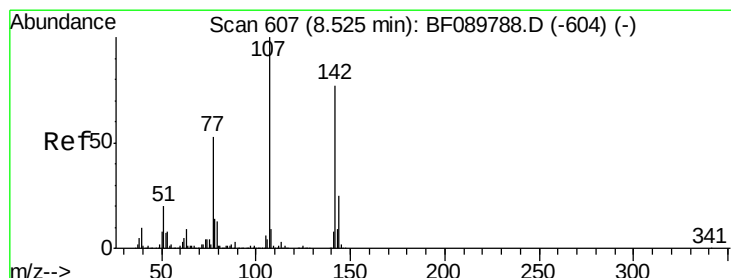
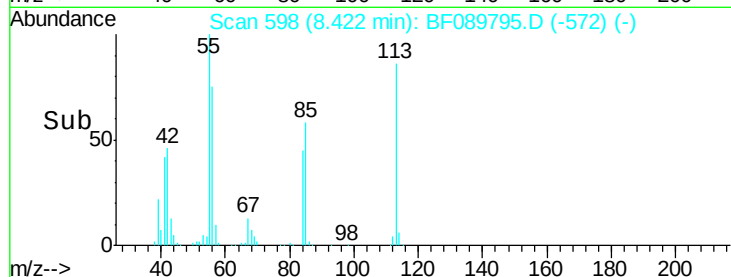
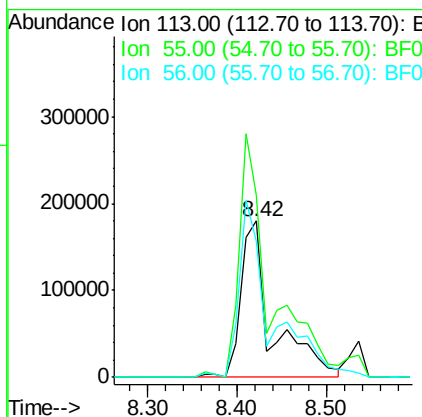
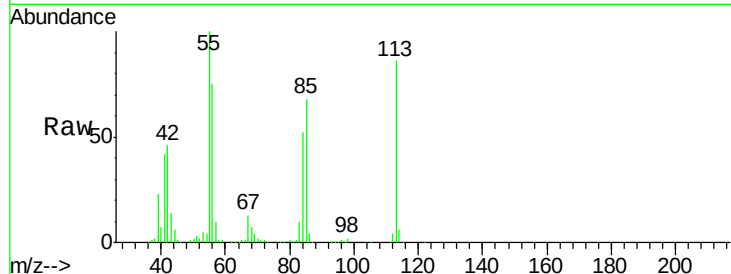
#35
 Caprolactam
 Concen: 37.51 ng m
 RT: 8.42 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	116.6	135.9	175.9#
56	87.3	93.9	133.9#

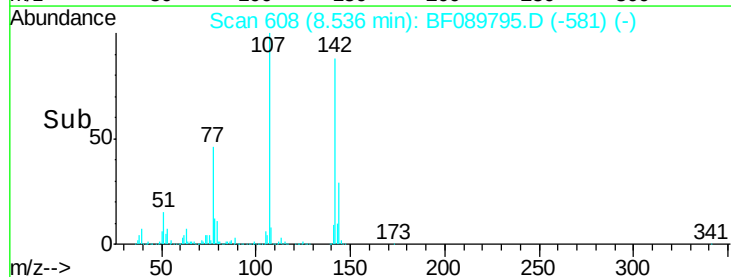
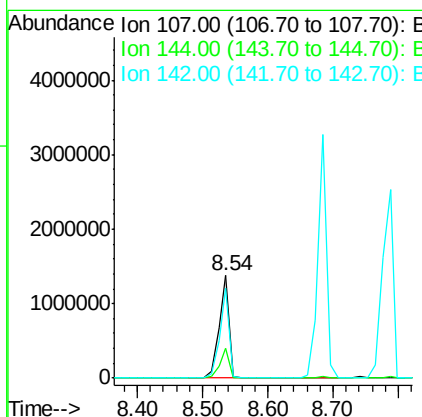
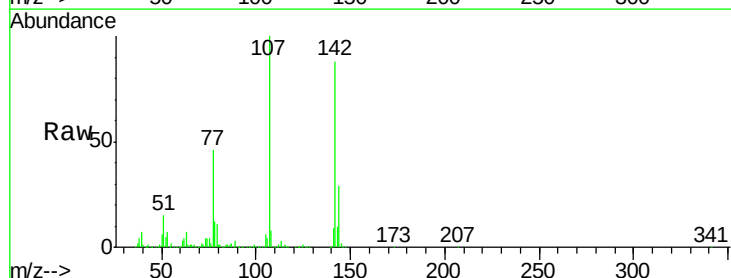
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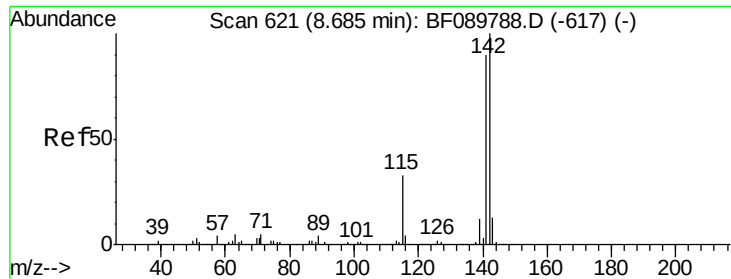
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#36
 4-Chloro-3-methylphenol
 Concen: 36.67 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.2	22.6	34.0
142	88.5	69.3	103.9





#37

2-Methylnaphthalene

Concen: 34.96 ng m

RT: 8.68 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion:142 Resp: 2937918

Ion Ratio Lower Upper

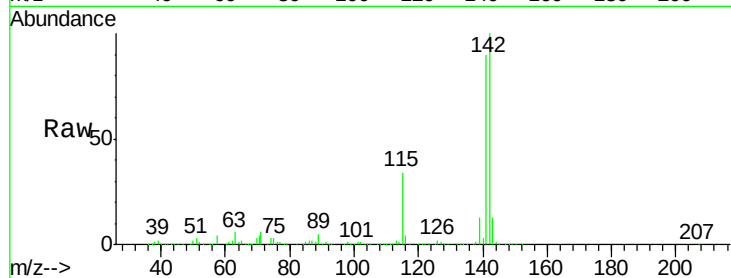
142 100

141 90.5 71.4 107.2

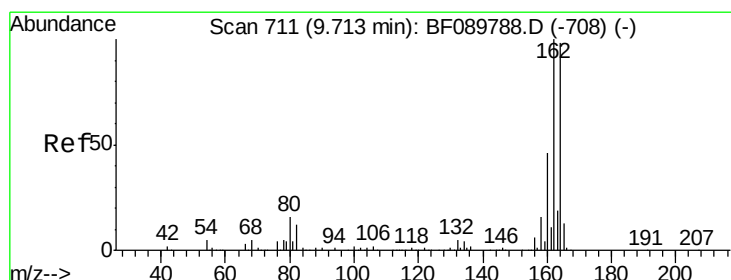
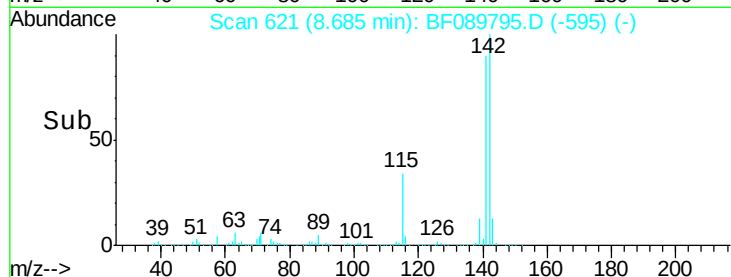
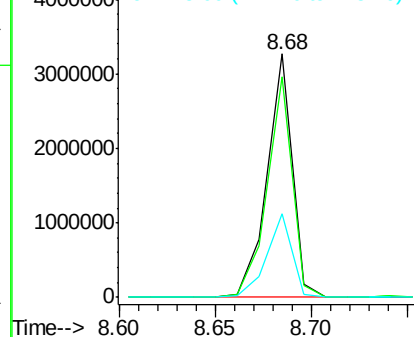
115 34.2 22.7 34.1#

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

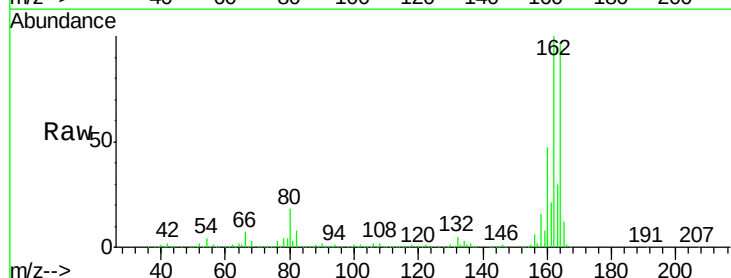
Tgt Ion:164 Resp: 1317655

Ion Ratio Lower Upper

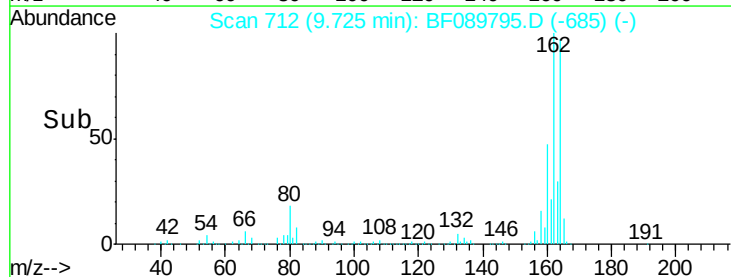
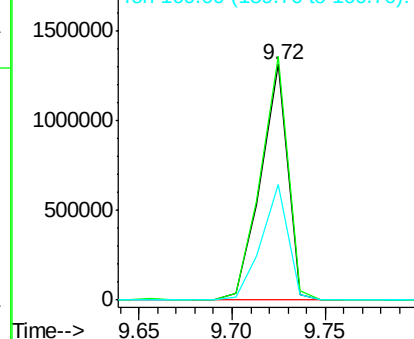
164 100

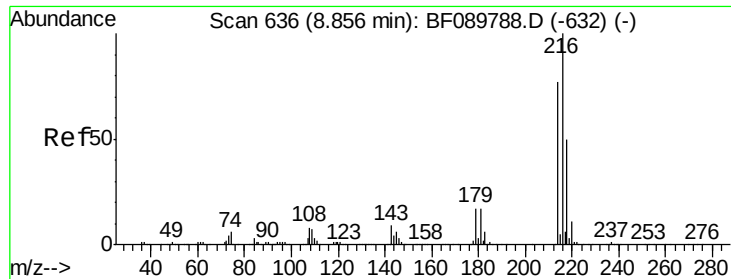
162 103.3 81.4 122.2

160 49.1 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.69 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

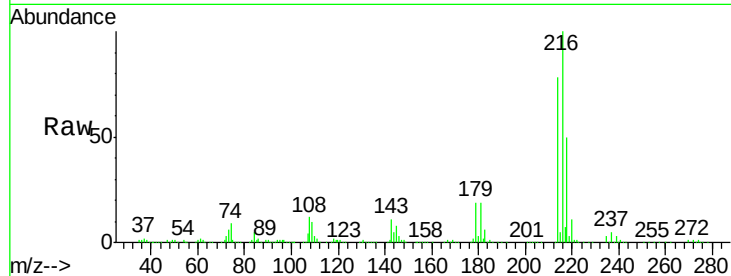
ClientSampleId :

PB92811BS

Tgt Ion:	216	Resp:	1138971
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.5	95.3
179	21.3	19.9	29.9
108	20.6	19.9	29.9

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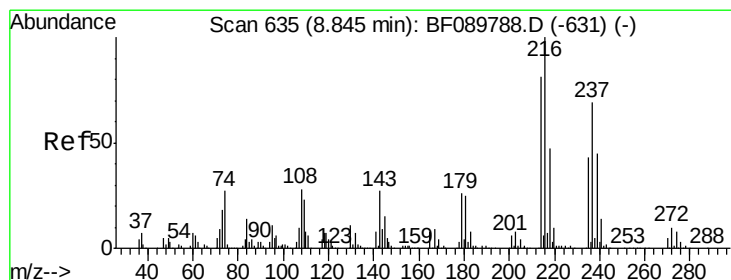
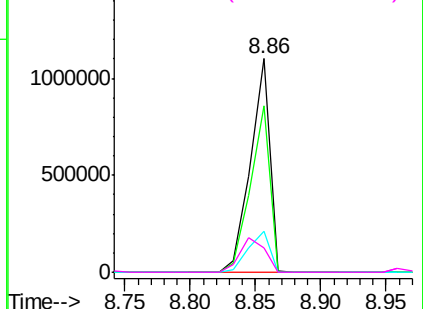
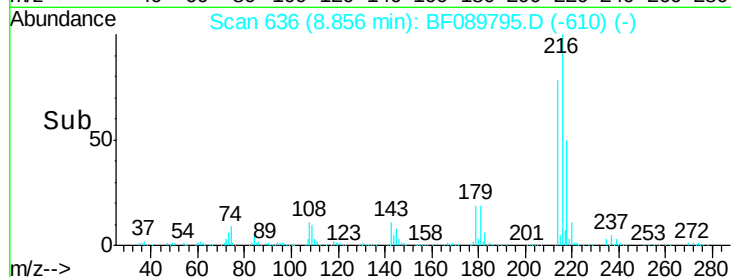


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.39 ng

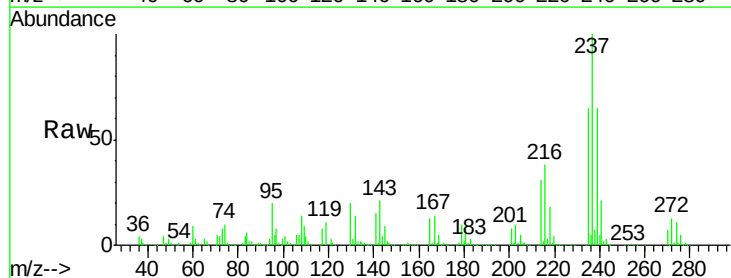
RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

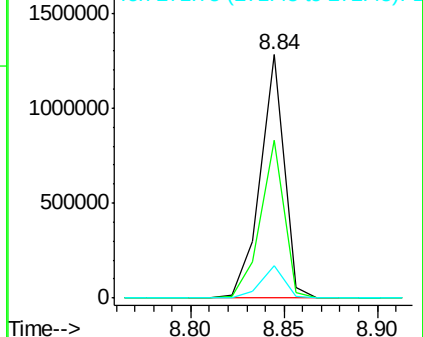
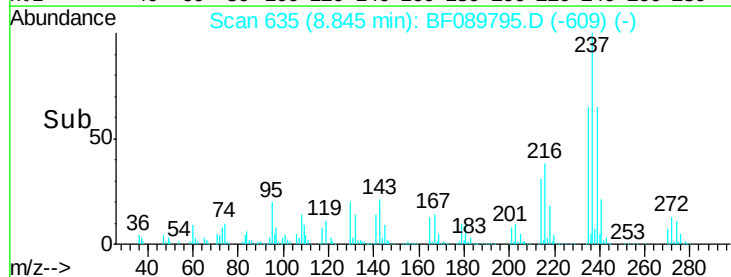
Tgt Ion:	237	Resp:	1131699
Ion Ratio	Lower	Upper	
237	100		
235	64.6	43.7	83.7
272	13.5	0.0	31.6

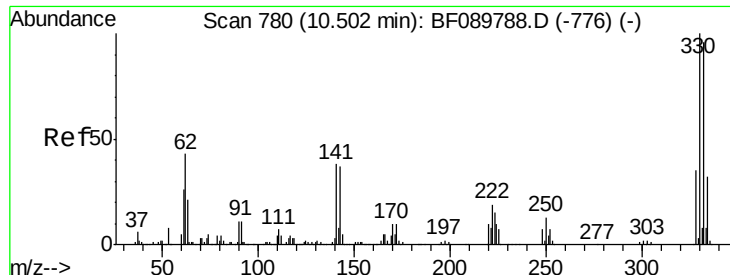


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





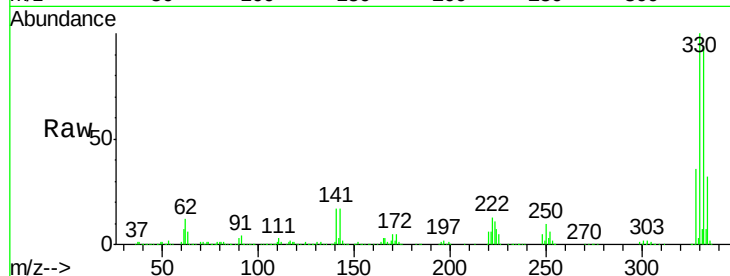
#41
 2,4,6-Tribromophenol
 Concen: 107.02 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

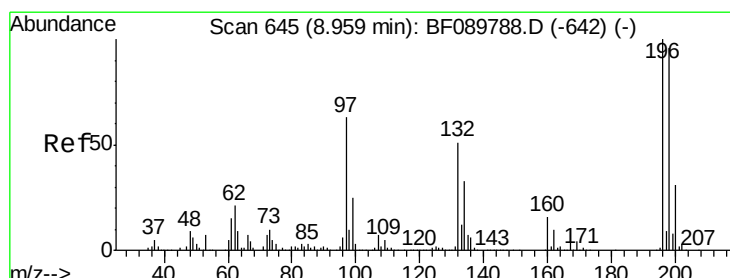
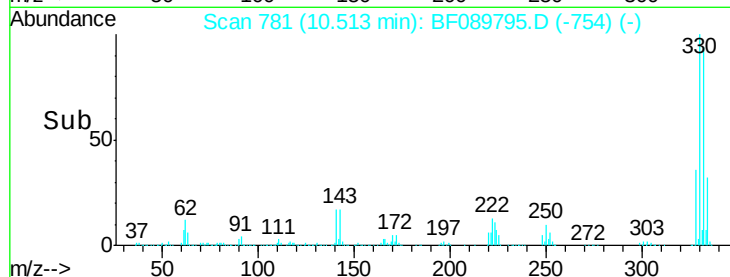
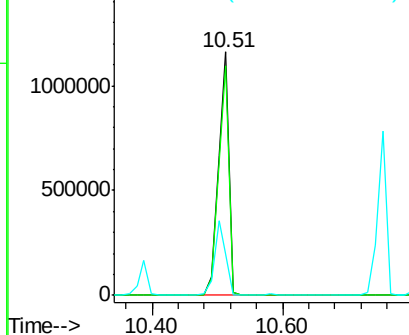
Tgt Ion:330 Resp: 1340143
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.7 115.1
 141 32.9 30.2 45.2

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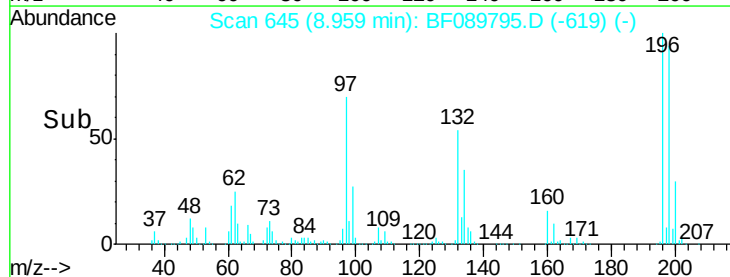
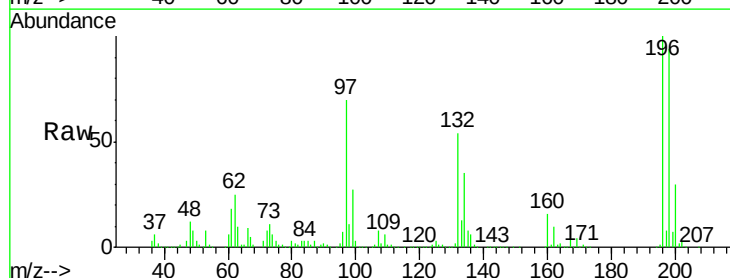
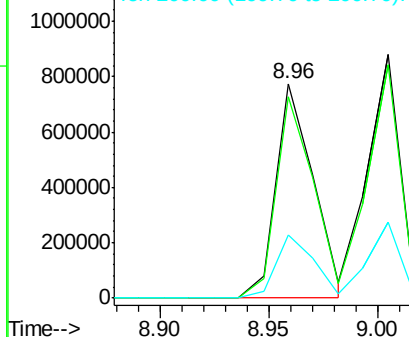
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

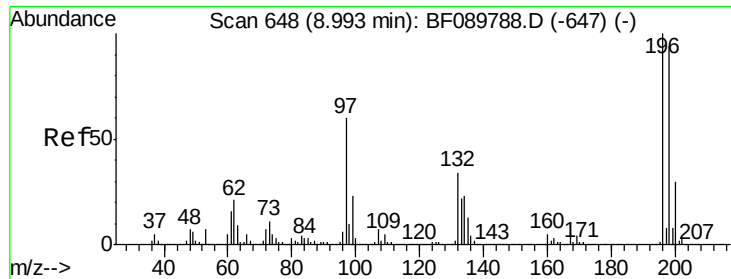


#42
 2,4,6-Trichlorophenol
 Concen: 34.56 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:196 Resp: 927690
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.3 114.5
 200 29.6 24.6 36.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





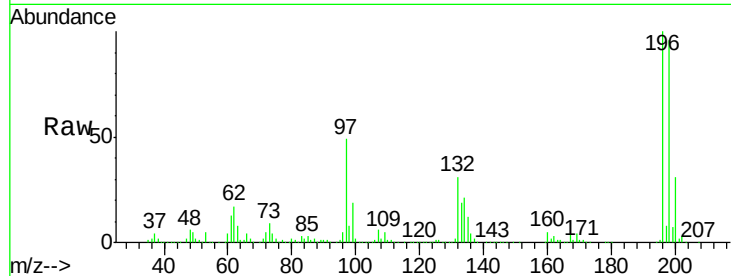
#43
 2,4,5-Trichlorophenol
 Concen: 34.69 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

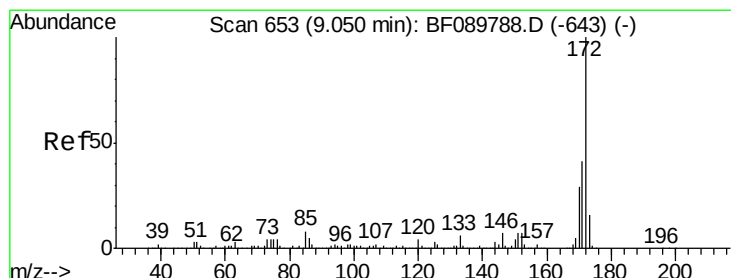
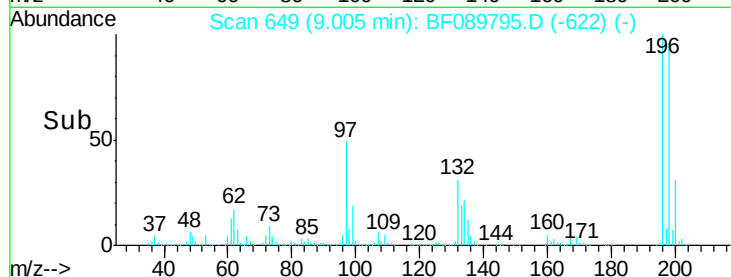
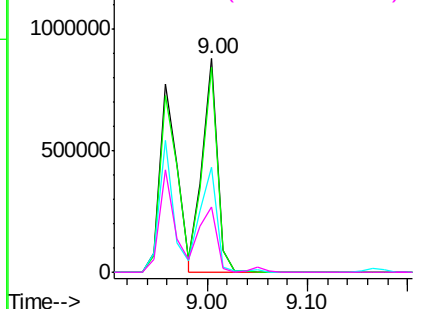
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	926199		
198	95.8	76.6	114.8	
97	49.4	35.8	53.8	
132	30.5	23.5	35.3	

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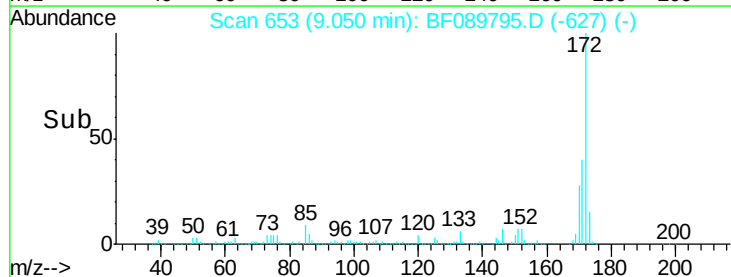
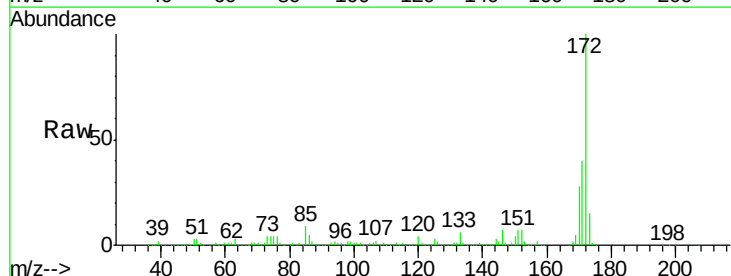
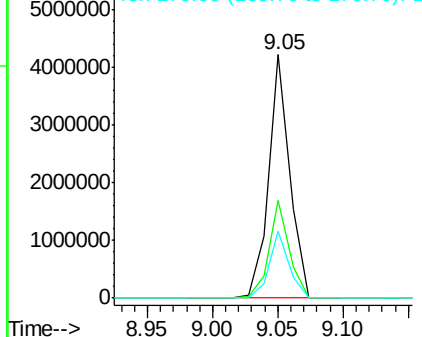
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

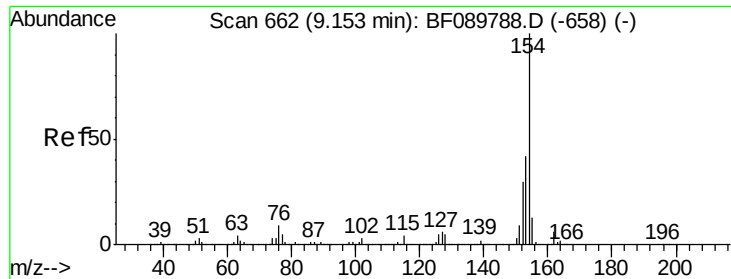


#44
 2-Fluorobiphenyl
 Concen: 63.26 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4742590		
171	39.9	30.5	45.7	
170	27.7	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





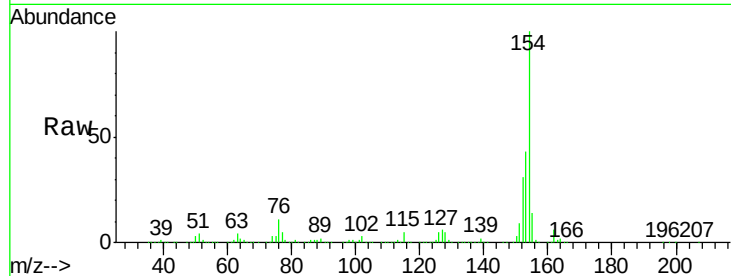
#45
 1,1'-Biphenyl
 Concen: 32.72 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

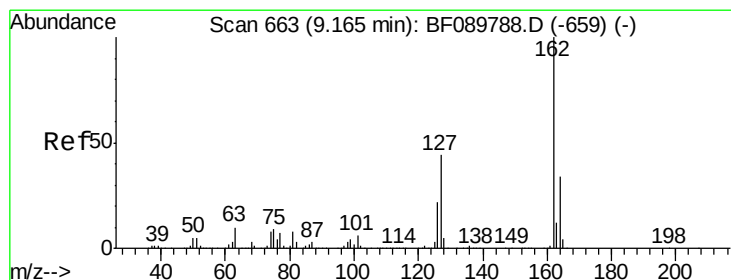
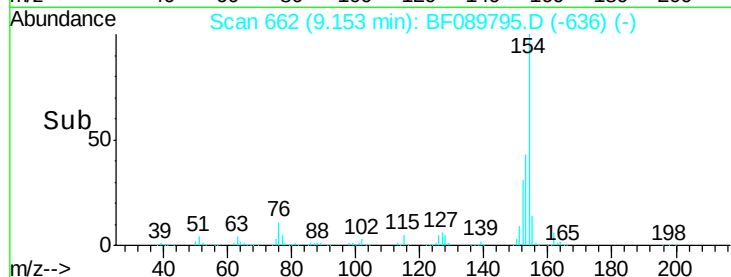
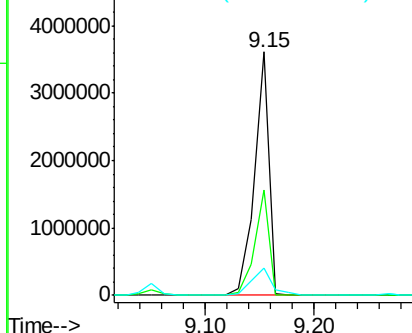
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	21.5	61.5
76	11.1	0.0	36.7

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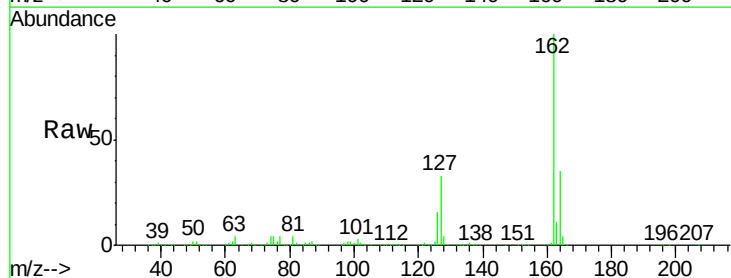


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

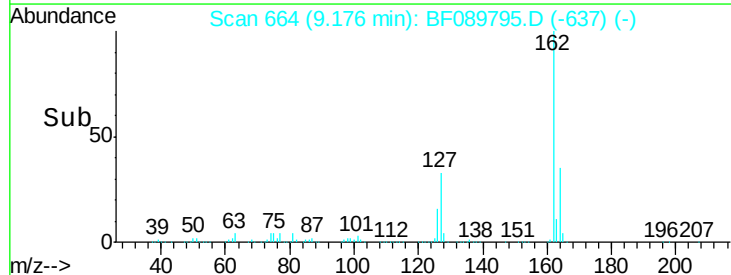
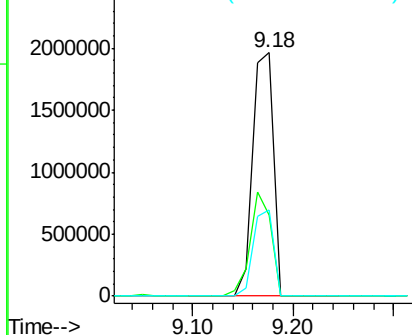


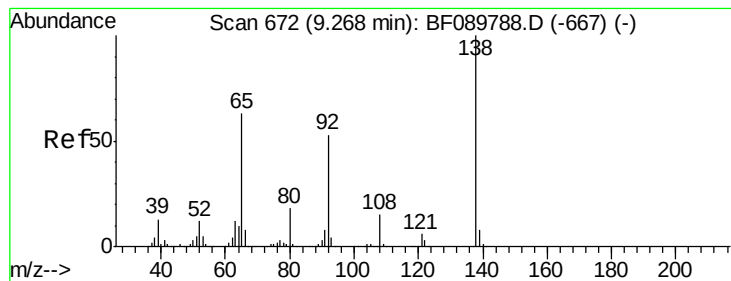
#46
 2-Chloronaphthalene
 Concen: 34.75 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.3	35.5	53.3#
164	35.2	26.6	40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.65 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion: 65 Resp: 934447
Ion Ratio Lower Upper

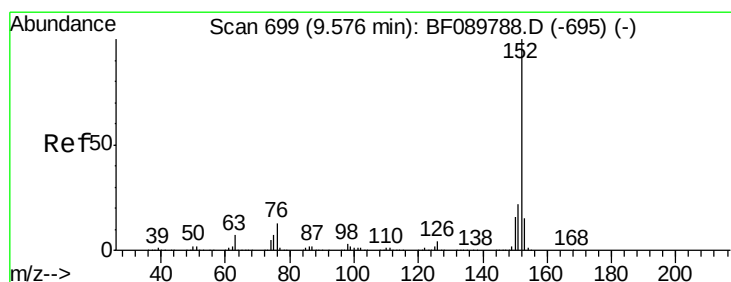
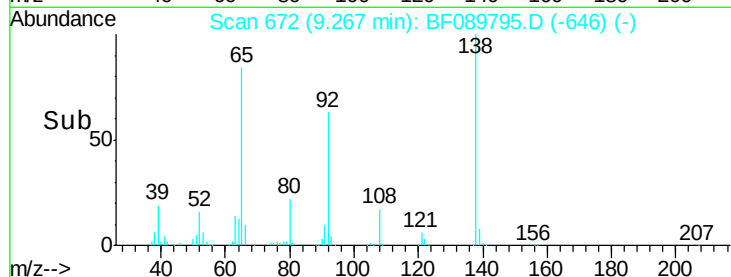
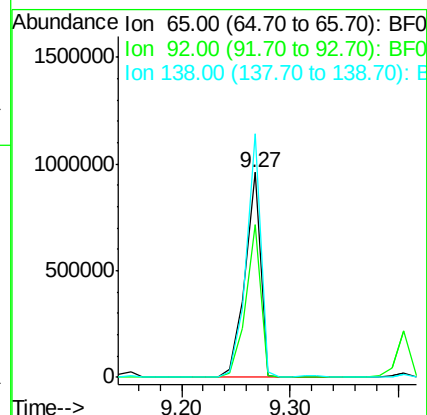
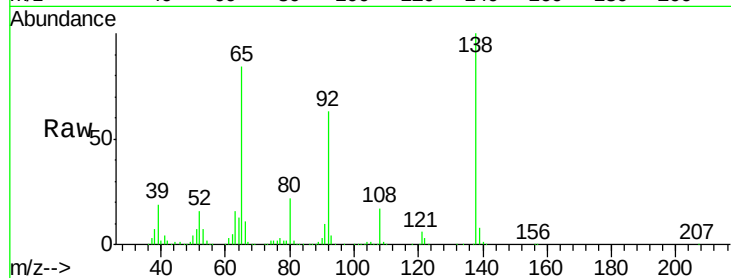
65 100

92 74.4 56.3 84.5

138 118.8 81.8 122.8

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#48

Acenaphthylene

Concen: 36.32 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF089795.D

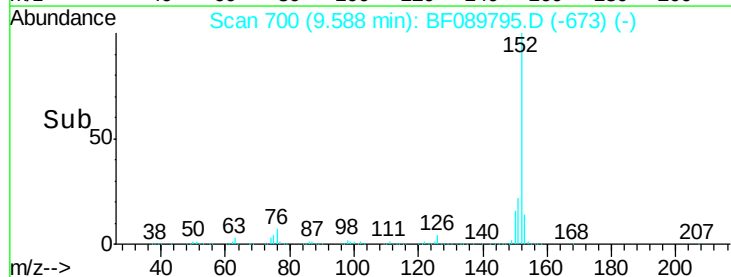
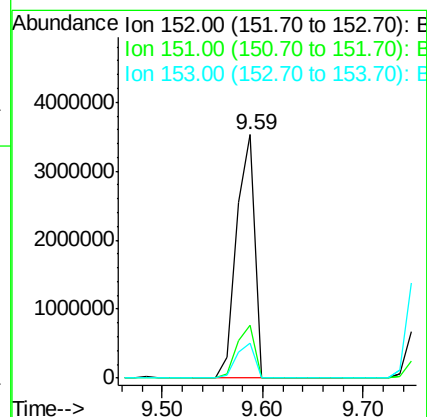
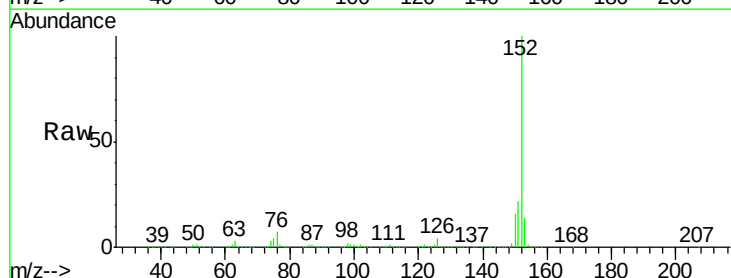
Acq: 19 Aug 2016 15:09

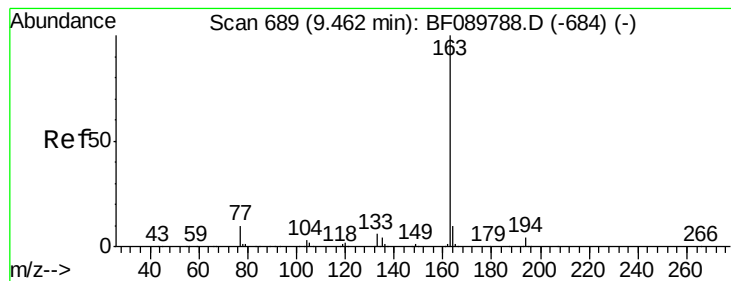
Tgt Ion: 152 Resp: 4399420
Ion Ratio Lower Upper

152 100

151 21.9 17.1 25.7

153 14.4 11.2 16.8





#49

Dimethylphthalate

Concen: 34.97 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion:163 Resp: 3244721

Ion Ratio Lower Upper

163 100

194 3.6 2.6 3.8

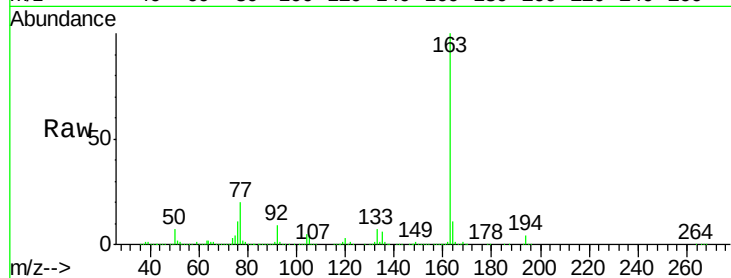
164 11.2 8.6 12.8

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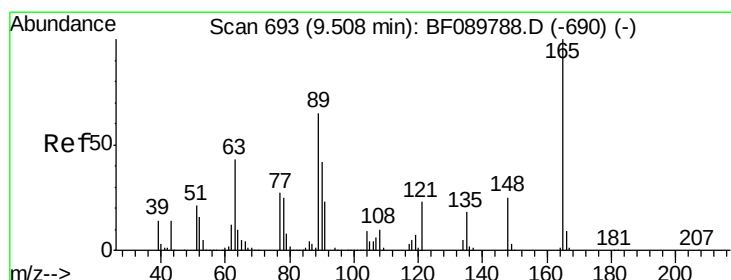
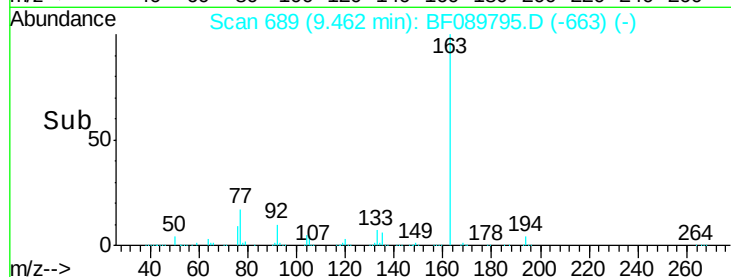
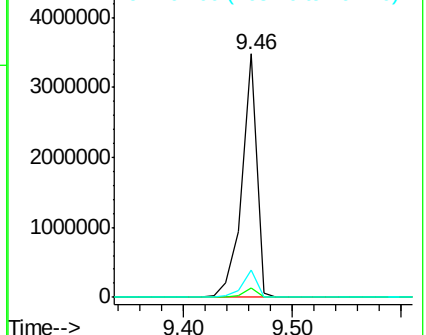
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.46 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

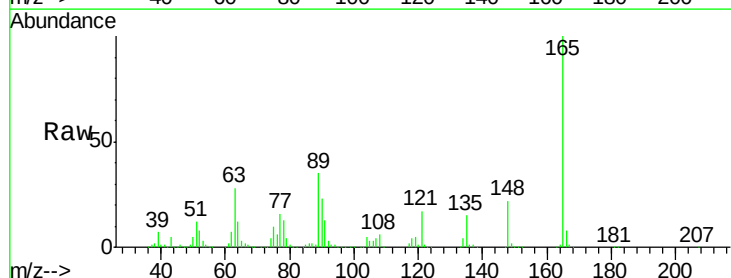
Tgt Ion:165 Resp: 781056

Ion Ratio Lower Upper

165 100

63 27.9 41.7 62.5#

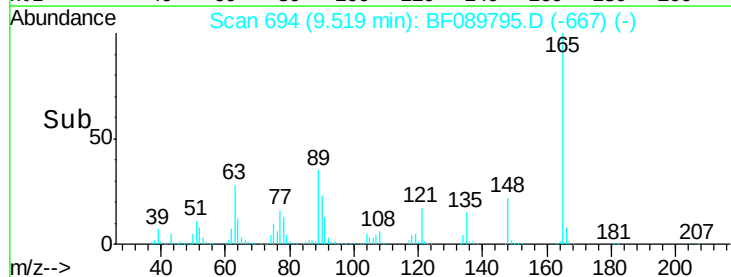
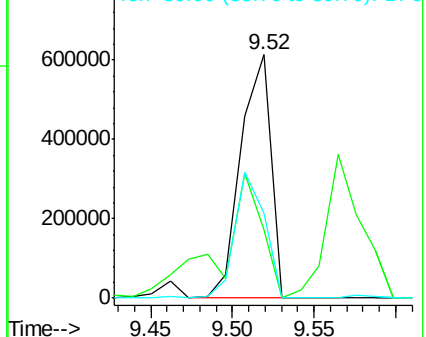
89 35.1 44.6 67.0#

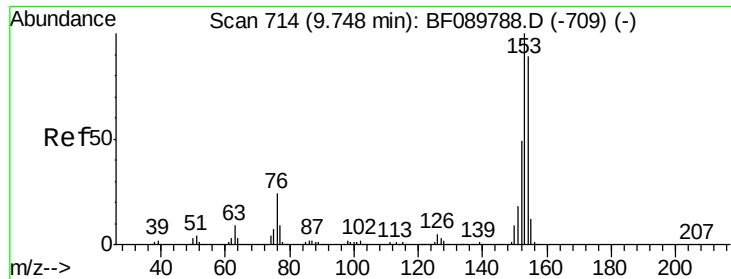


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.22 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion:154 Resp: 3223832

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

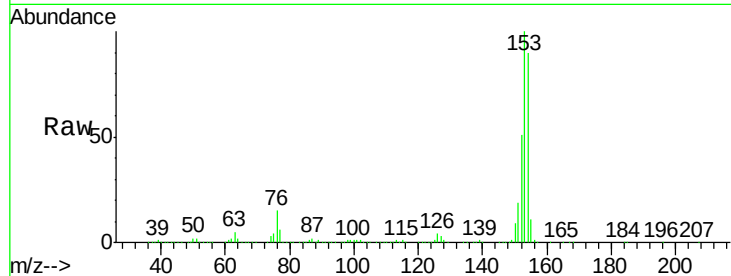
152 56.5 44.6 67.0

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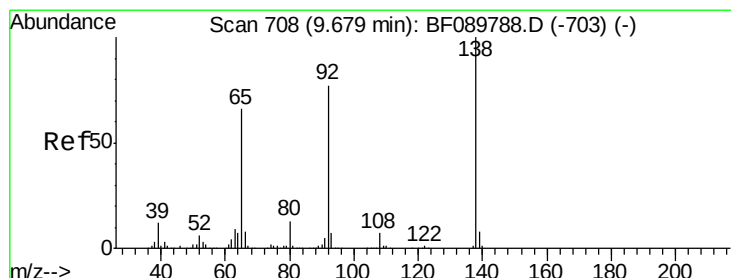
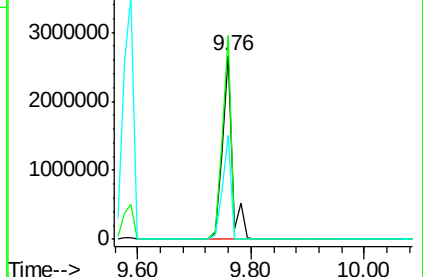
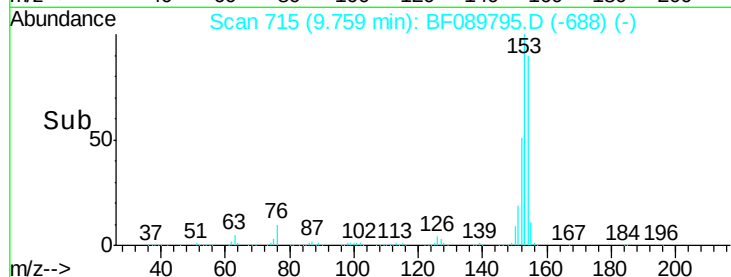
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.10 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

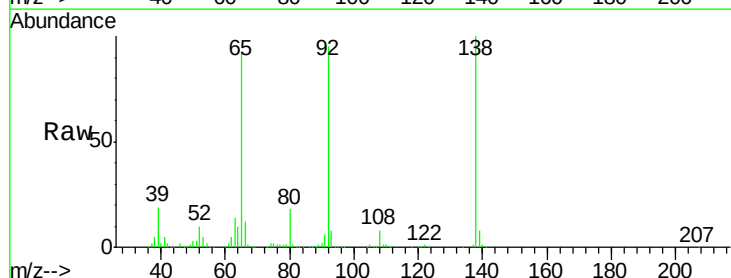
Tgt Ion:138 Resp: 738131

Ion Ratio Lower Upper

138 100

108 8.5 8.1 12.1

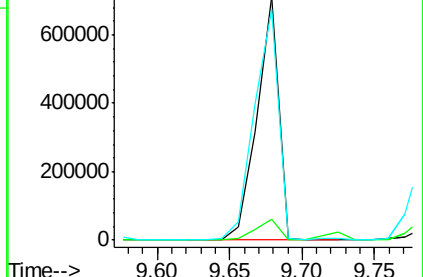
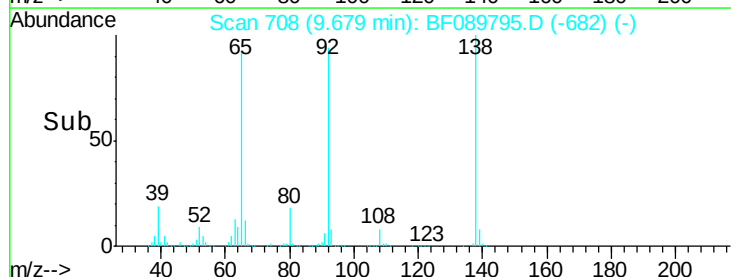
92 95.0 92.7 139.1

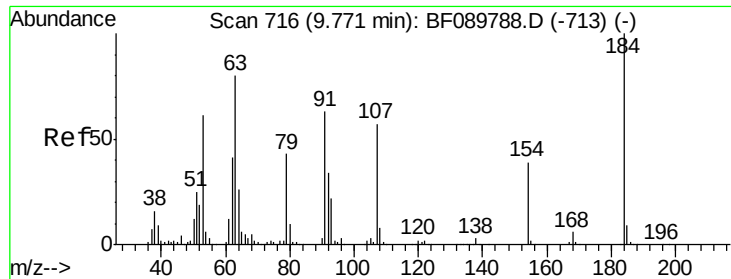


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





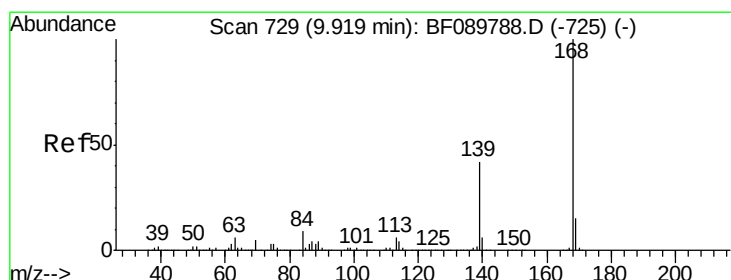
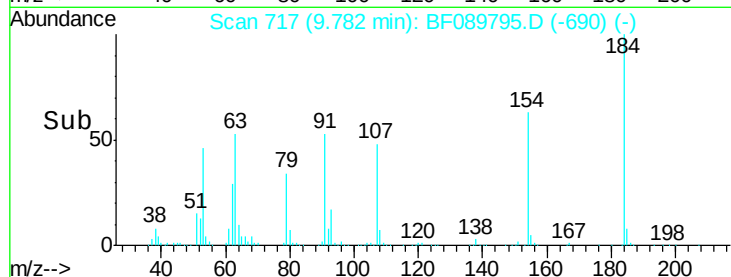
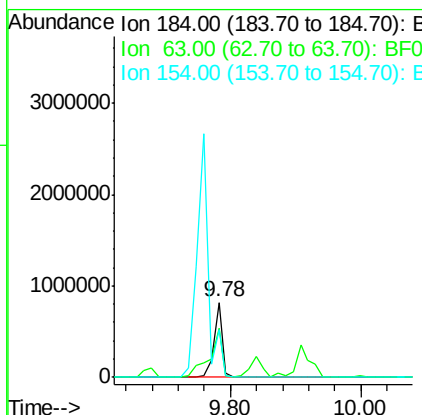
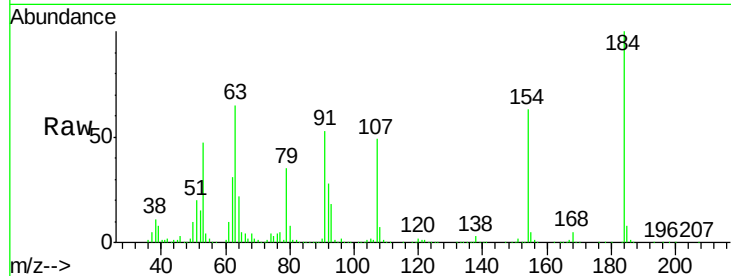
#53
 2,4-Dinitrophenol
 Concen: 64.51 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	743913		
63	65.2	54.2	81.4	
154	63.2	52.7	79.1	

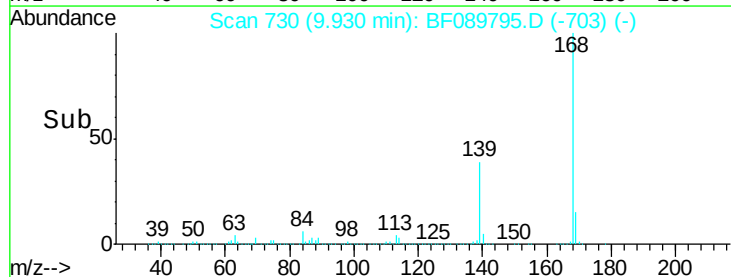
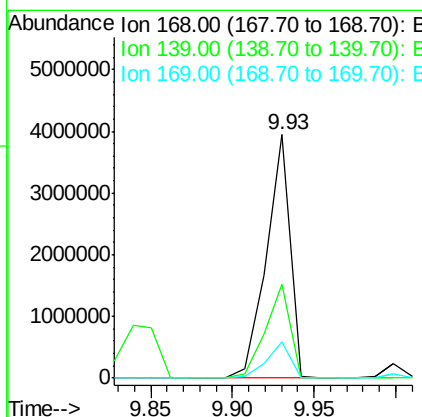
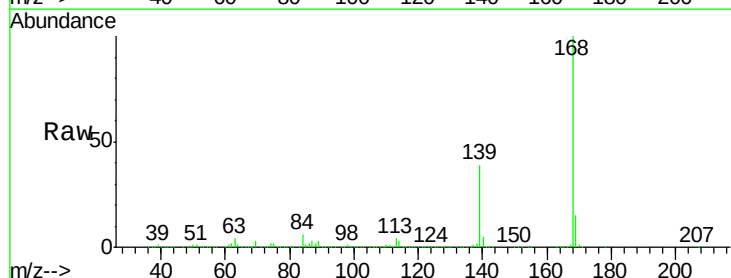
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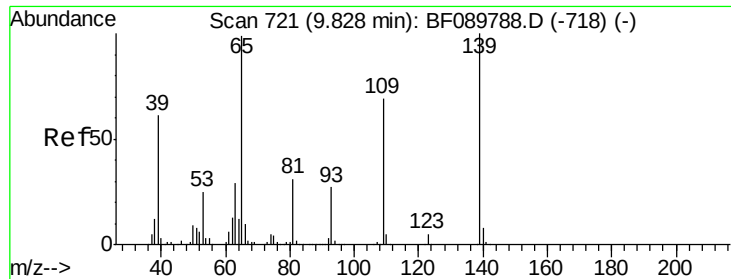
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#54
 Dibenzofuran
 Concen: 39.59 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3985799		
139	38.6	34.6	52.0	
169	15.0	11.5	17.3	





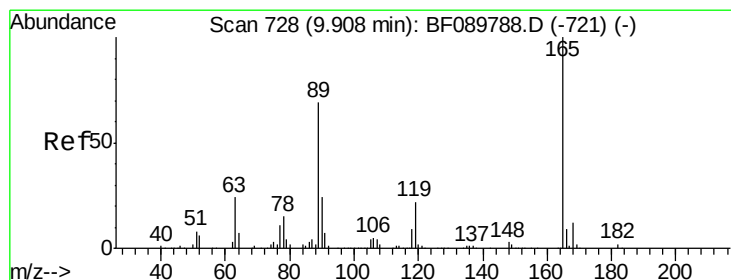
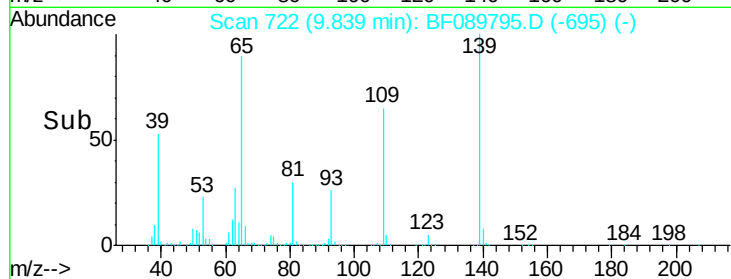
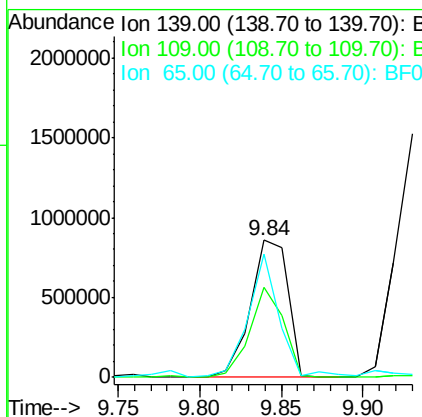
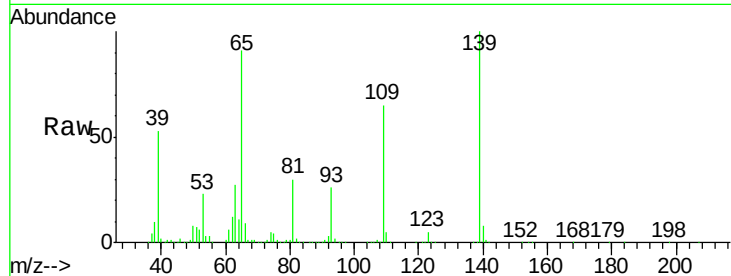
#55
4-Nitrophenol
Concen: 71.16 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	43.0	83.0
65	90.5	55.7	95.7

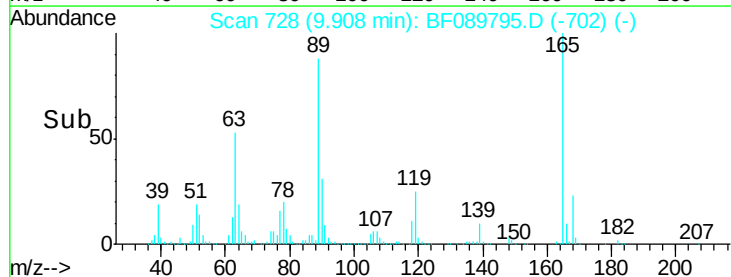
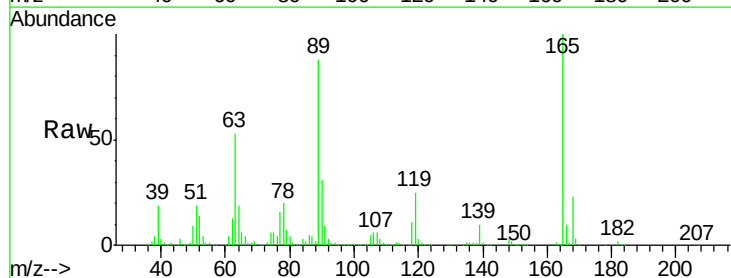
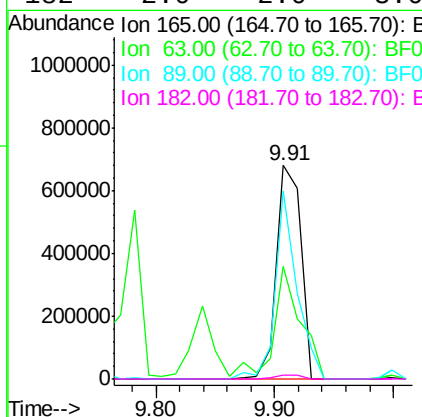
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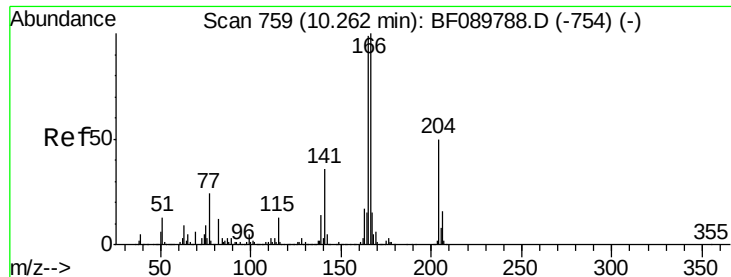
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#56
2,4-Dinitrotoluene
Concen: 34.59 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.0	23.7	35.5#
89	88.2	44.0	66.0#
182	2.0	2.0	3.0





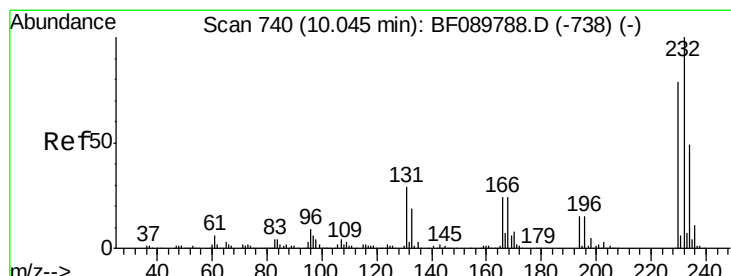
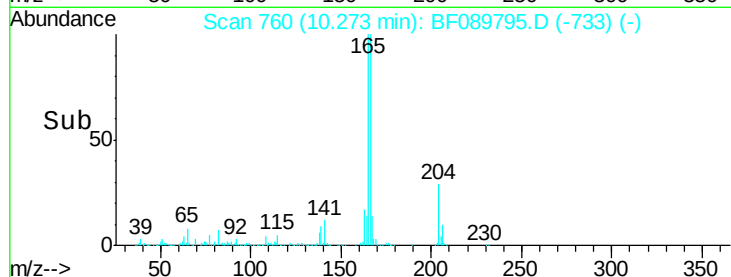
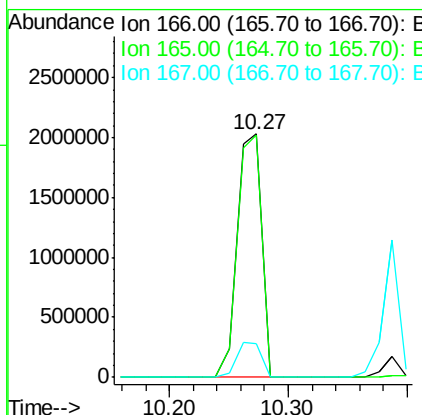
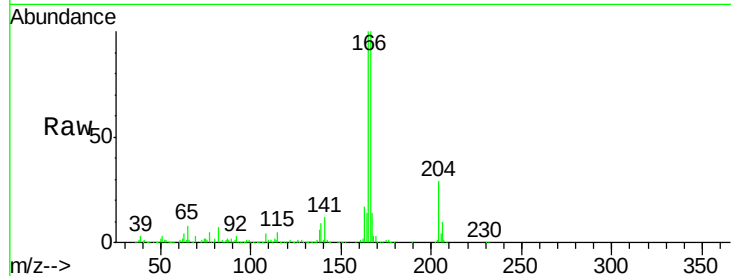
#57
 Fluorene
 Concen: 36.16 ng
 RT: 10.27 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampled :
 PB92811BS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	80.2	120.4
167	13.8	11.3	16.9

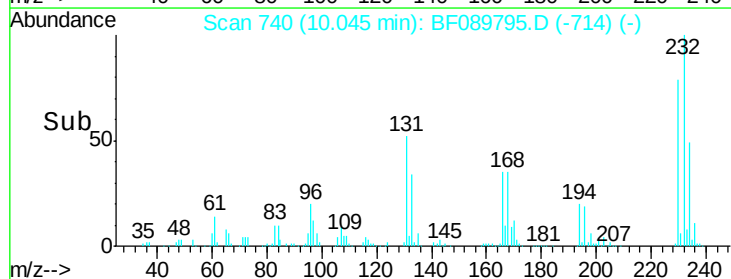
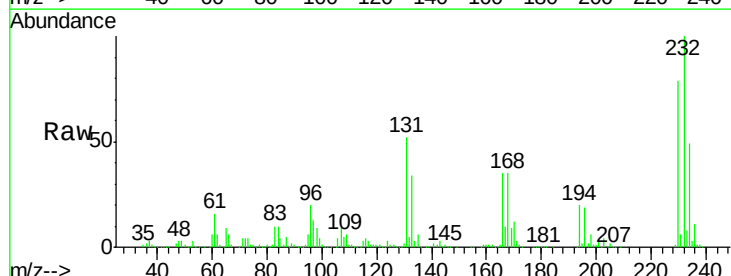
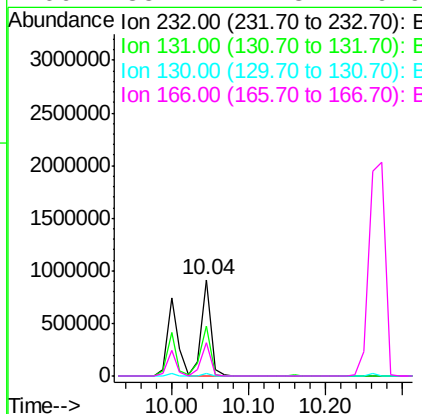
Manual Integrations
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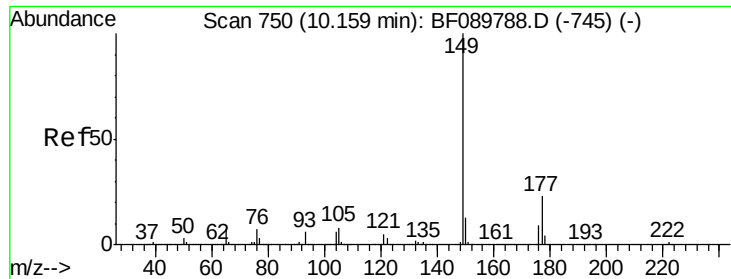
umangi
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.27 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.6	42.5	63.7
130	2.6	2.2	3.4
166	35.2	27.3	40.9





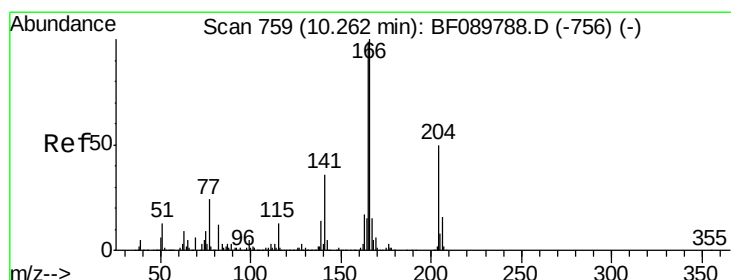
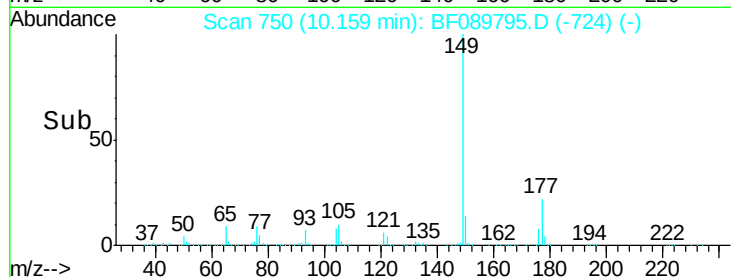
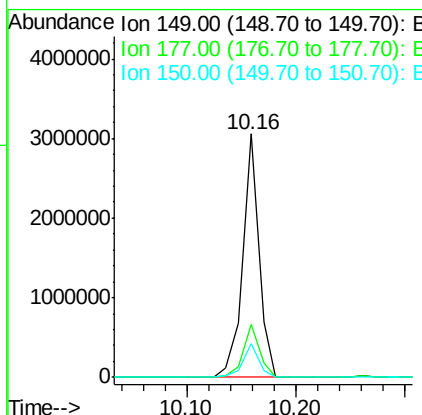
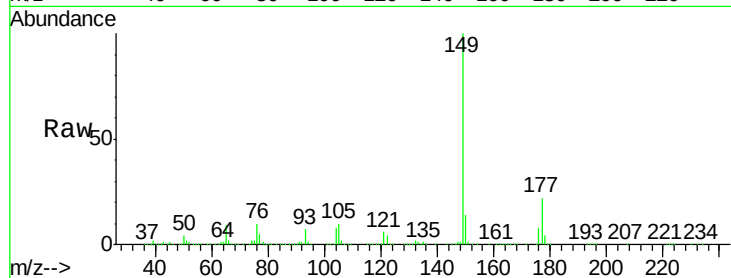
#59
Diethylphthalate
Concen: 33.20 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.6	25.0
150	13.7	10.5	15.7

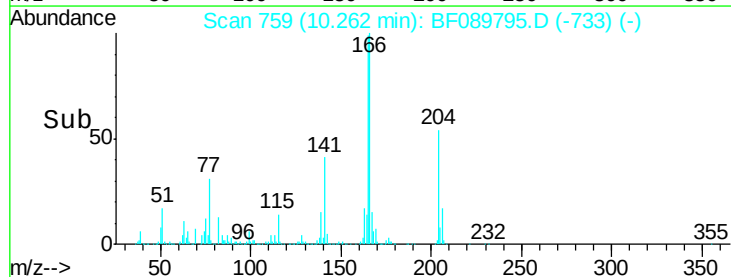
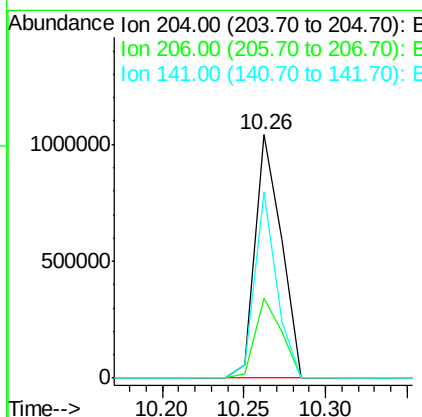
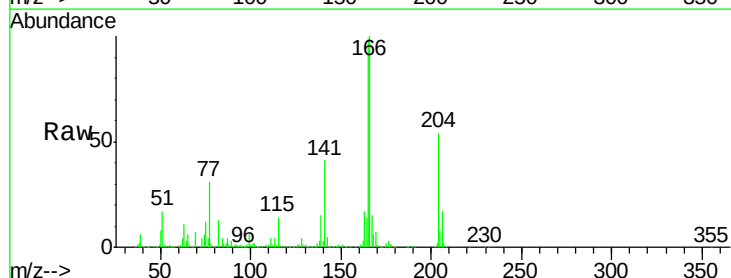
Manual Integrations
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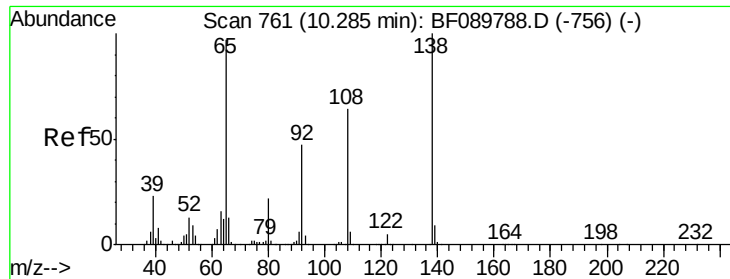
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 31.82 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	76.5	54.1	81.1





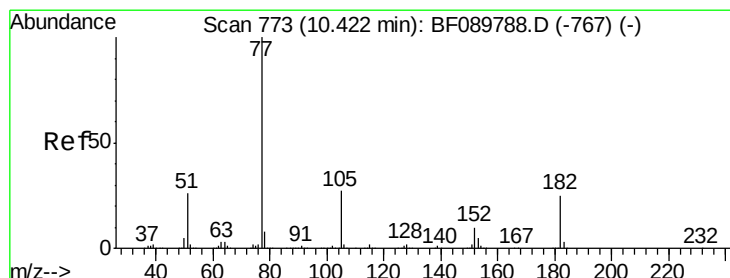
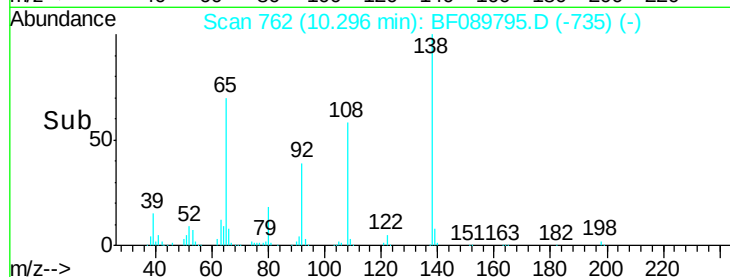
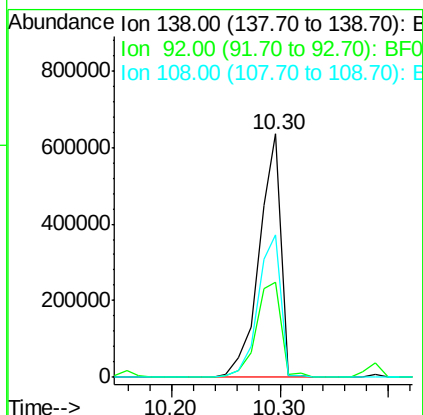
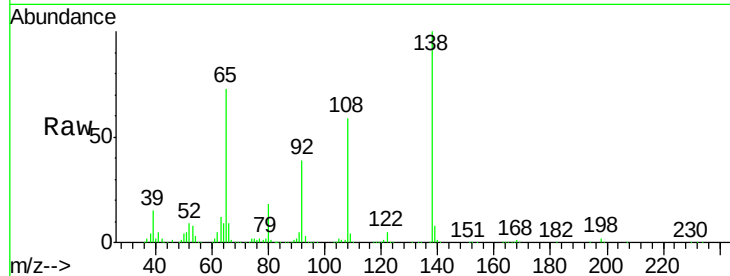
#61
4-Nitroaniline
Concen: 39.55 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	39.2	26.4	66.4
108	58.6	47.0	87.0

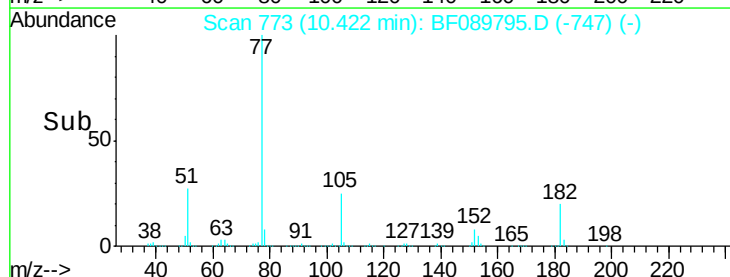
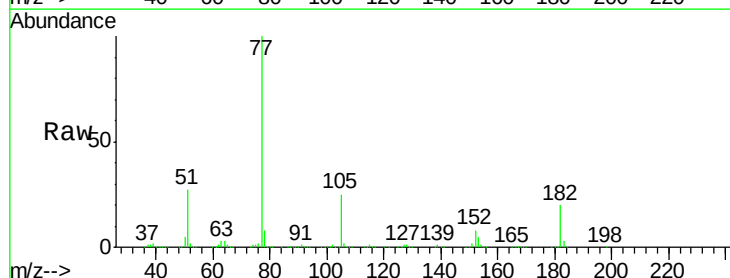
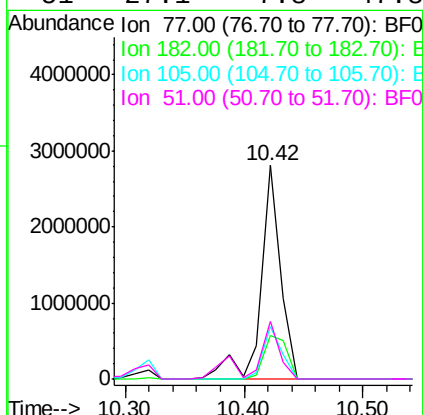
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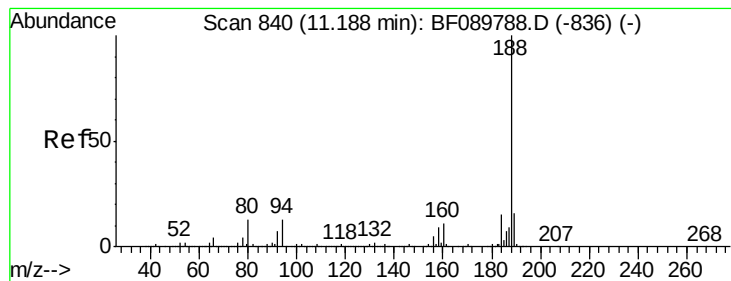
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#62
Azobenzene
Concen: 37.12 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.3	5.6	45.6
105	24.8	4.0	44.0
51	27.1	7.8	47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampled :

PB92811BS

Tgt Ion:188 Resp: 2317320

Ion Ratio Lower Upper

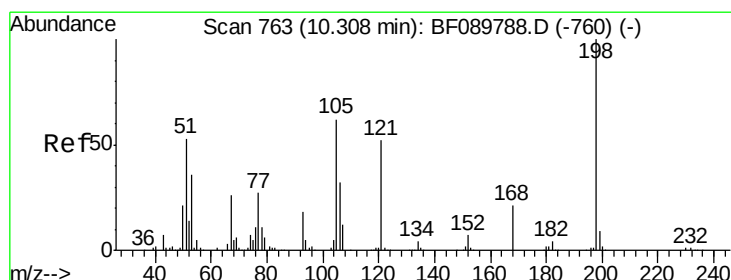
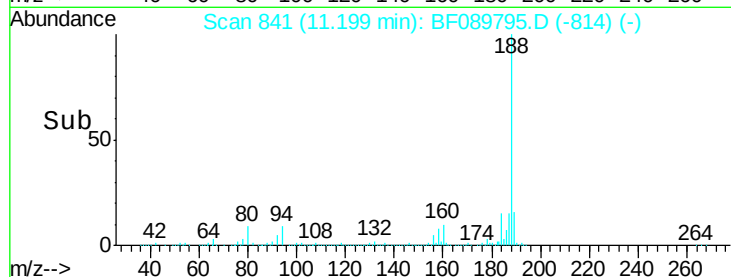
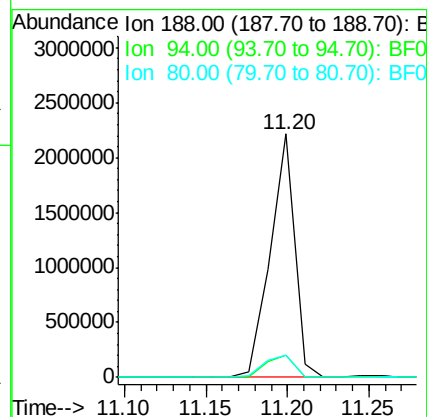
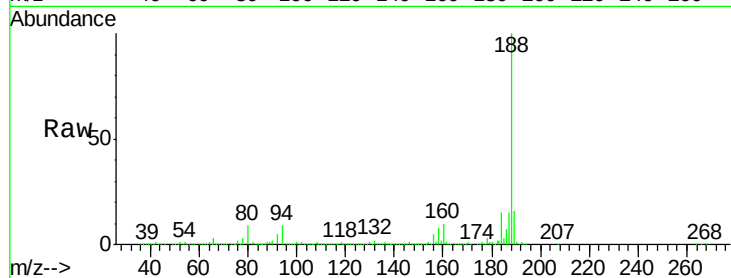
188 100

94 8.9 10.2 15.2#

80 8.9 10.9 16.3#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 39.96 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

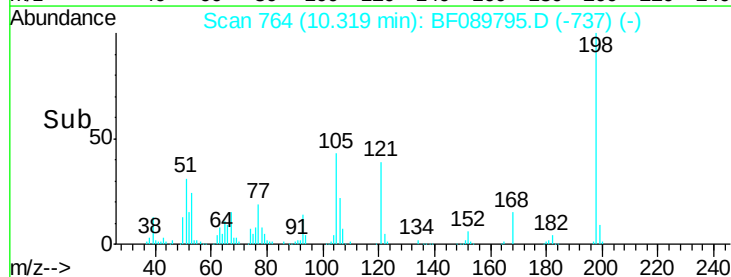
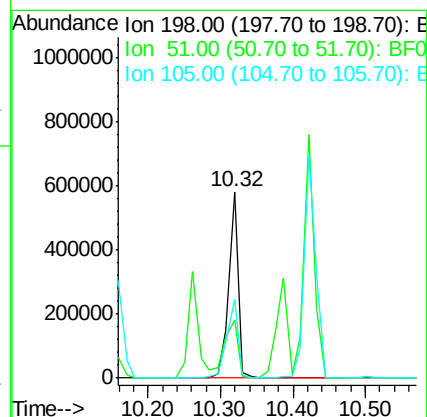
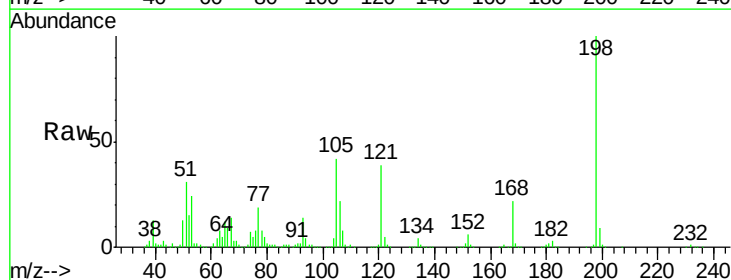
Tgt Ion:198 Resp: 532065

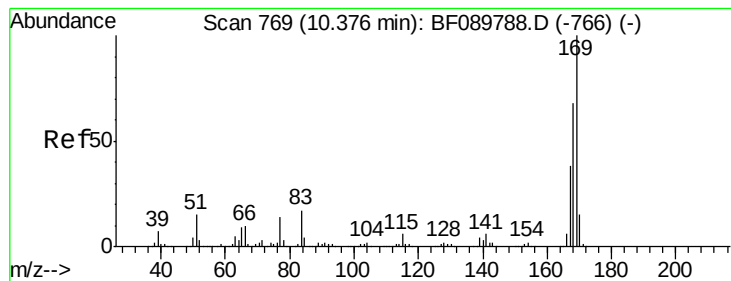
Ion Ratio Lower Upper

198 100

51 31.1 32.3 72.3#

105 42.2 32.9 72.9





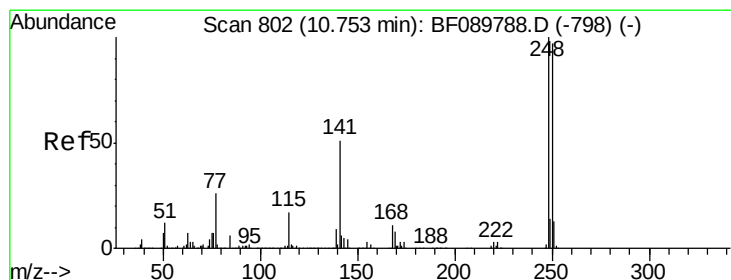
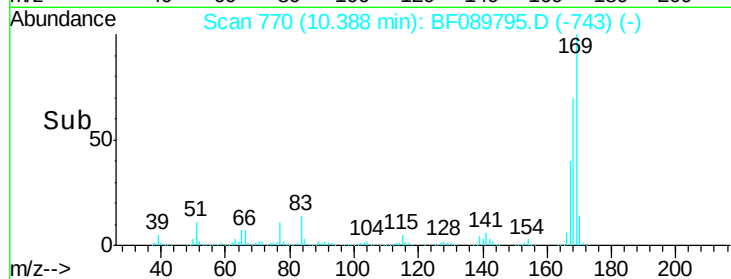
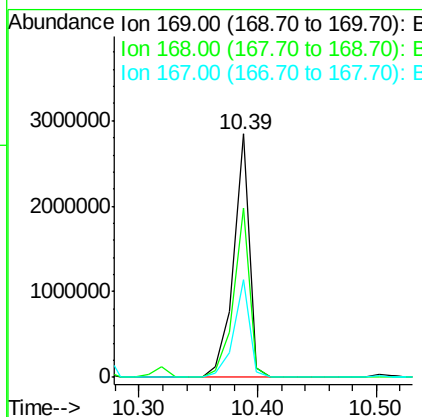
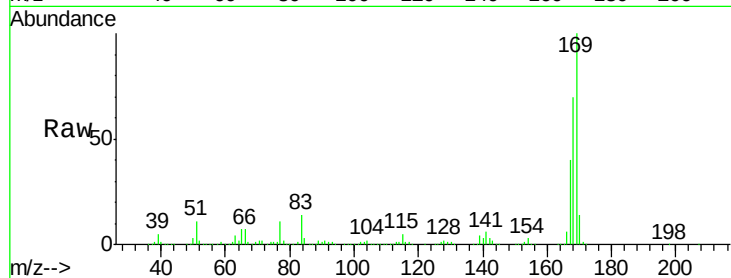
#65
n-Nitrosodiphenylamine
Concen: 36.34 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion:169 Resp: 2648124
Ion Ratio Lower Upper
169 100
168 69.7 54.6 82.0
167 40.3 30.6 45.8

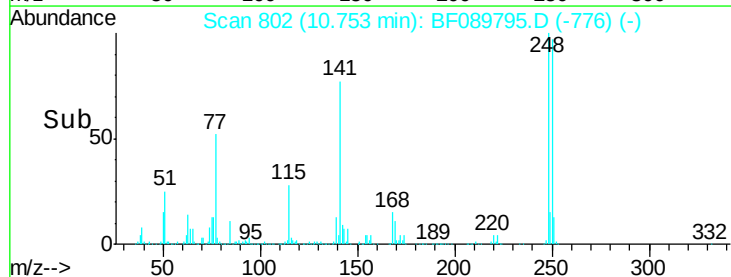
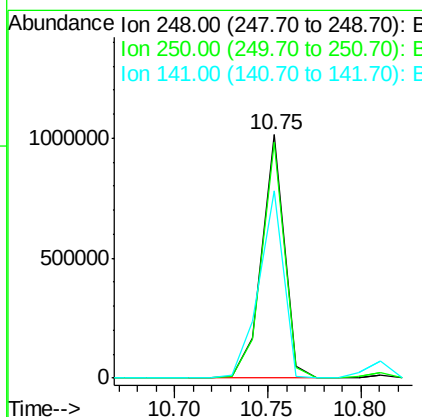
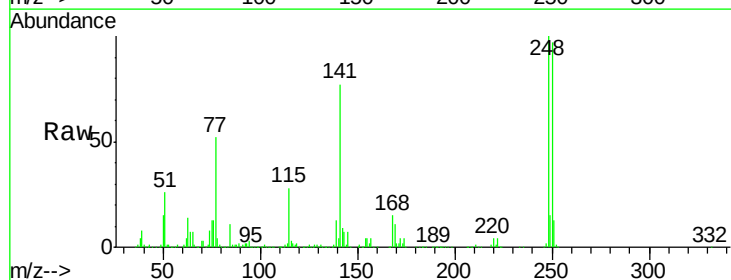
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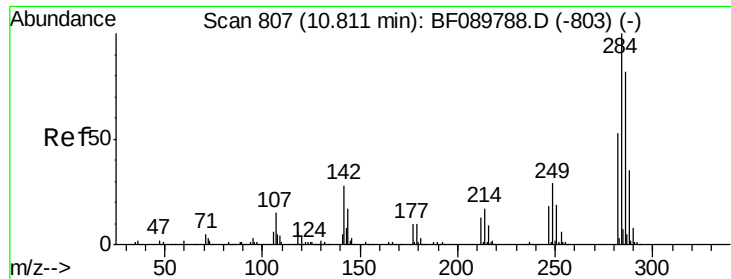
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#66
4-Bromophenyl-phenylether
Concen: 34.96 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion:248 Resp: 849383
Ion Ratio Lower Upper
248 100
250 97.1 78.6 117.8
141 77.1 31.4 47.2#





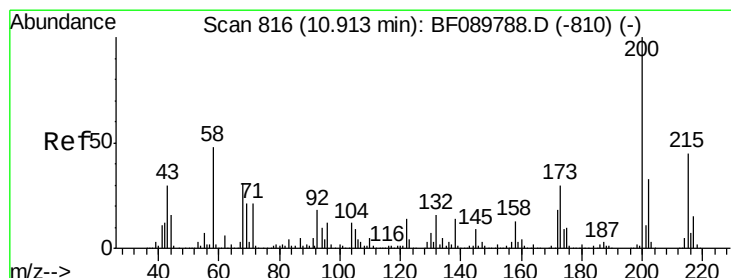
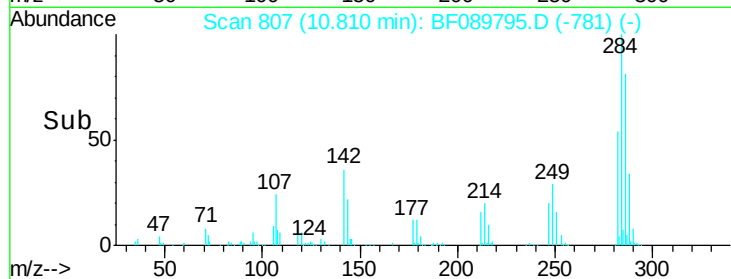
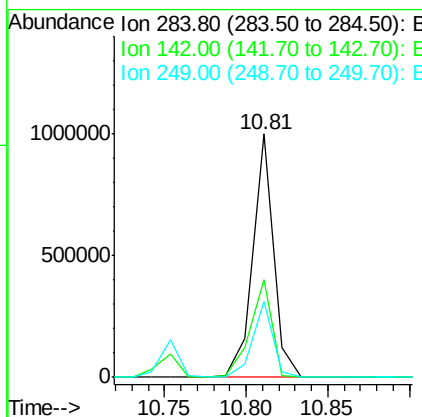
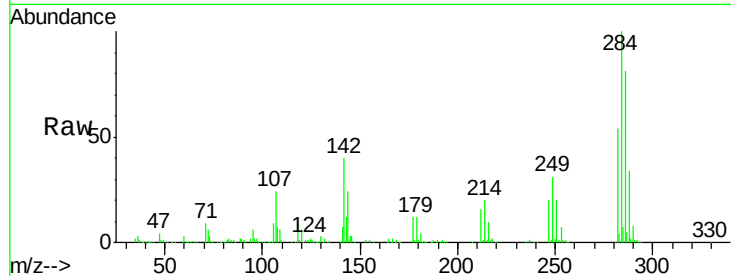
#67
Hexachlorobenzene
Concen: 32.00 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	887016		
142	40.0	17.4	26.2#	
249	31.0	22.8	34.2	

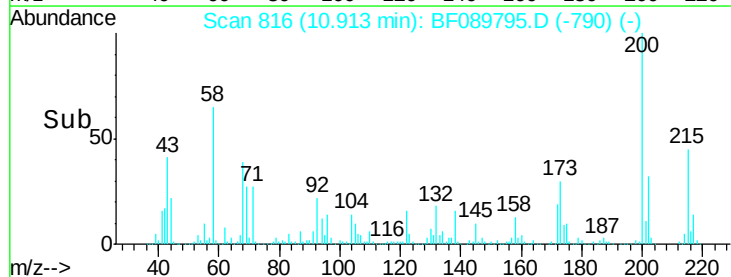
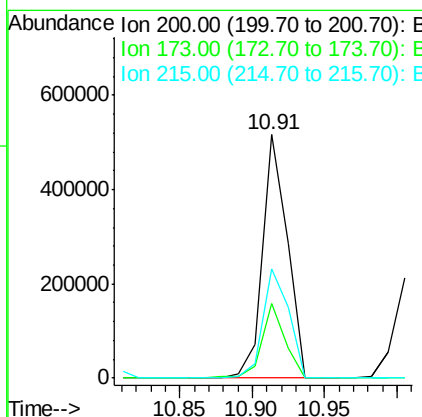
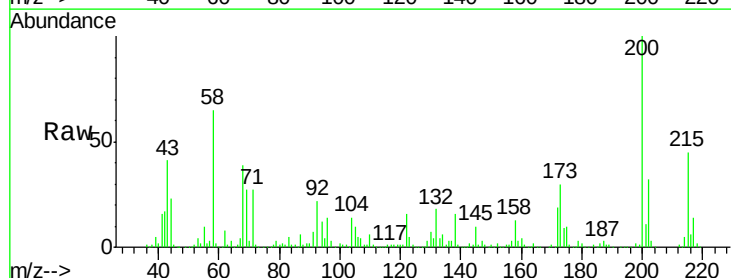
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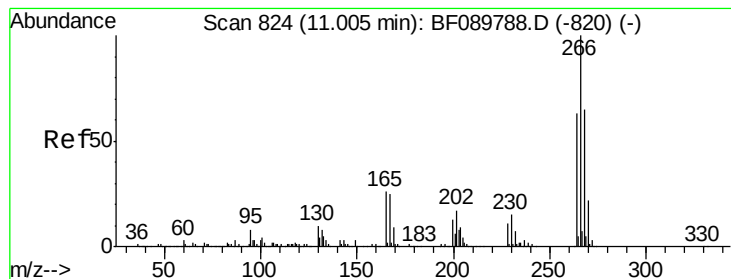
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#68
Atrazine
Concen: 27.28 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	608834		
173	30.5	6.6	46.6	
215	44.7	24.7	64.7	





#69

Pentachlorophenol

Concen: 63.86 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampled :

PB92811BS

Tgt Ion:266 Resp: 1003225

Ion Ratio Lower Upper

266 100

268 63.7 53.2 79.8

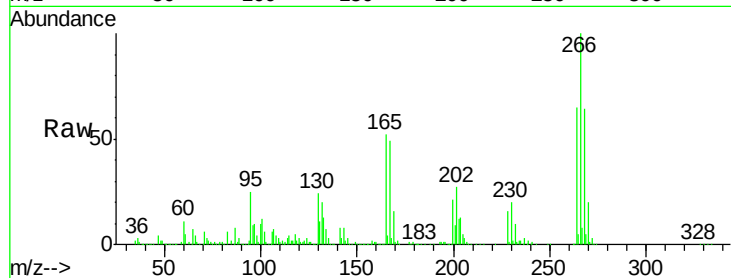
264 64.9 51.1 76.7

Manual Integrations

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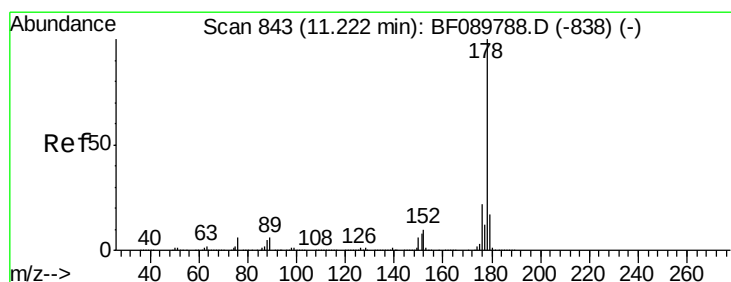
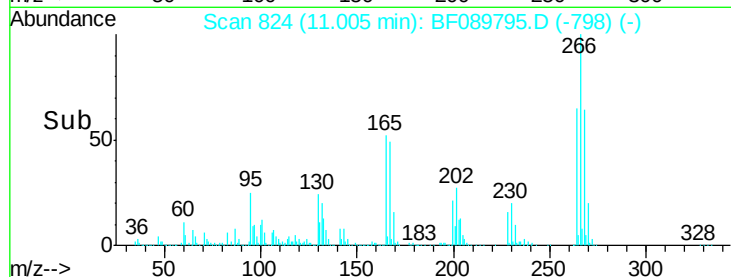
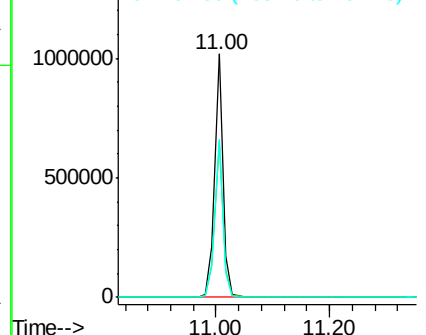
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 33.12 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

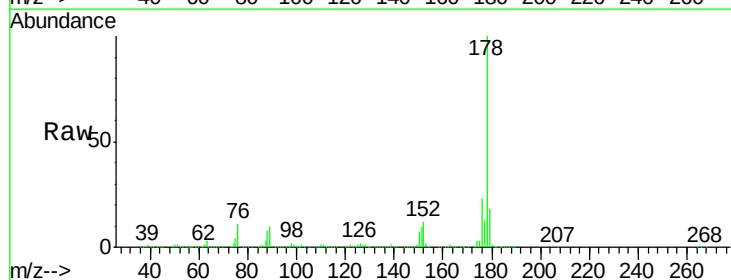
Tgt Ion:178 Resp: 3876873

Ion Ratio Lower Upper

178 100

176 23.0 16.4 24.6

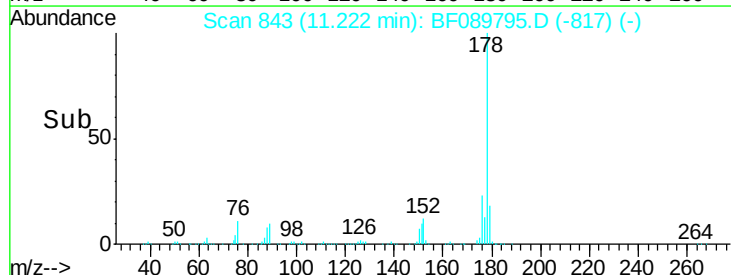
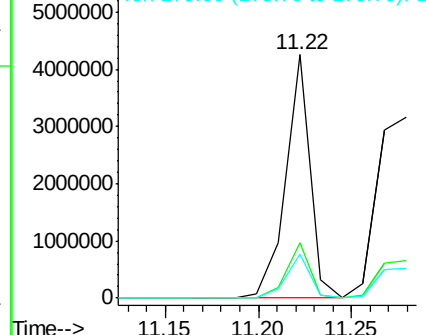
179 17.9 12.5 18.7

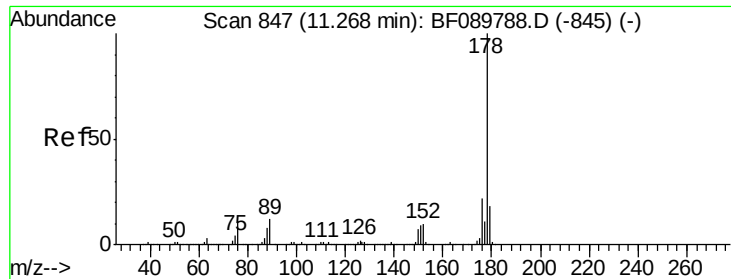


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





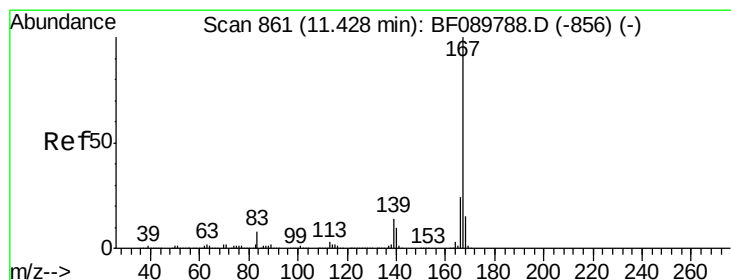
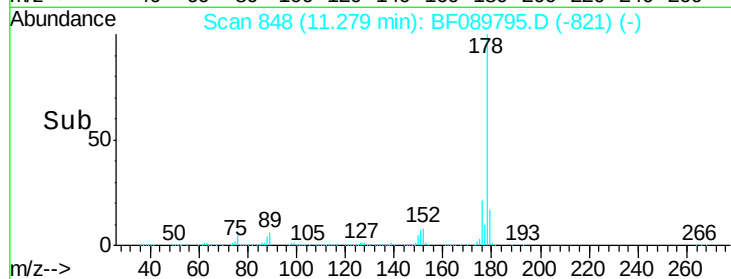
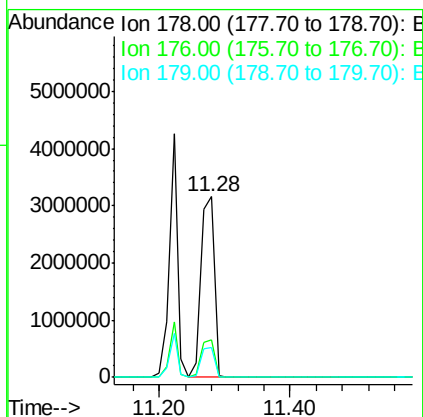
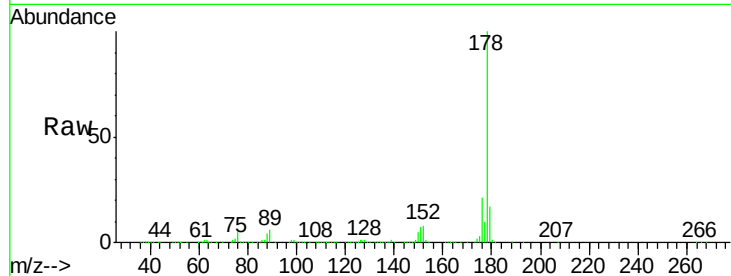
#71
 Anthracene
 Concen: 36.79 ng
 RT: 11.28 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampled :
 PB92811BS

Tgt Ion:178 Resp: 4377011
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.4 24.6
 179 16.6 13.1 19.7

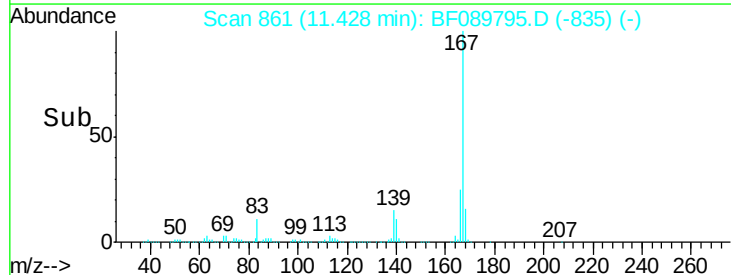
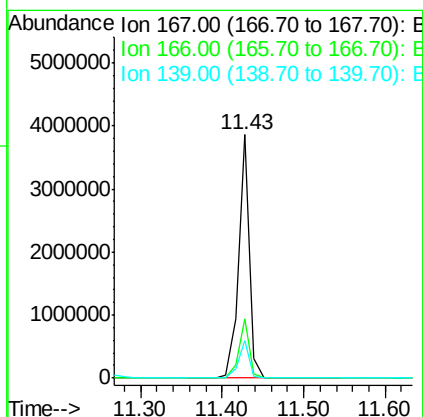
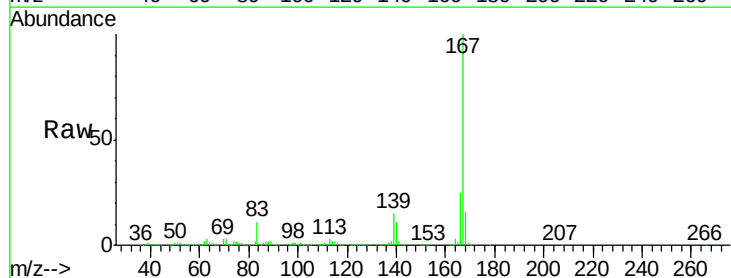
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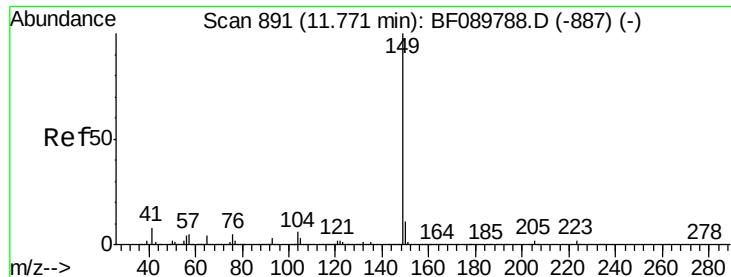
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#72
 Carbazole
 Concen: 33.32 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:167 Resp: 3556035
 Ion Ratio Lower Upper
 167 100
 166 24.6 17.9 26.9
 139 15.2 12.4 18.6





#73

Di-n-butylphthalate

Concen: 36.96 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion:149 Resp: 4934753

Ion Ratio Lower Upper

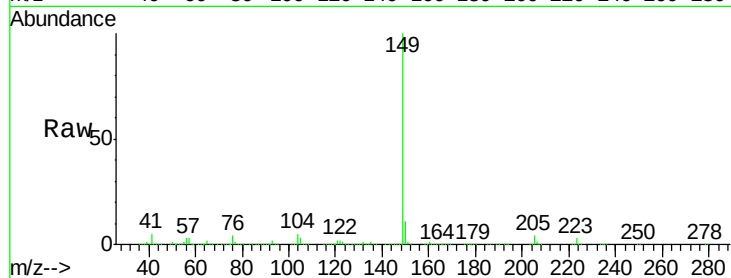
149 100

150 10.9 7.9 11.9

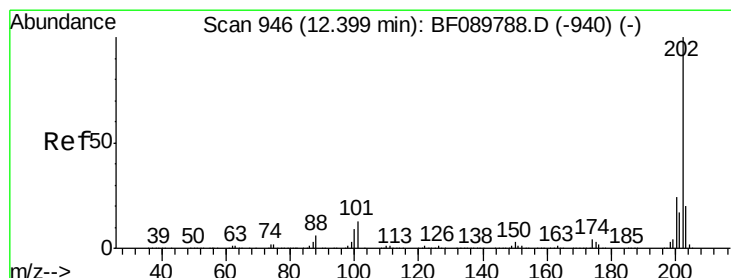
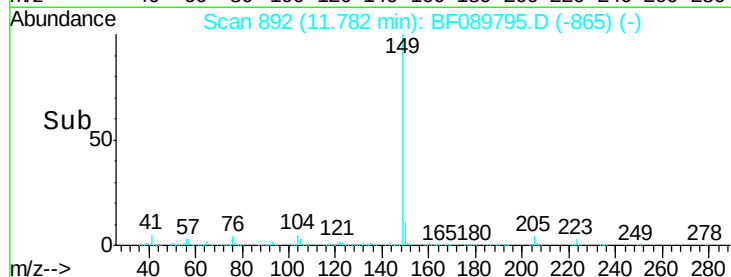
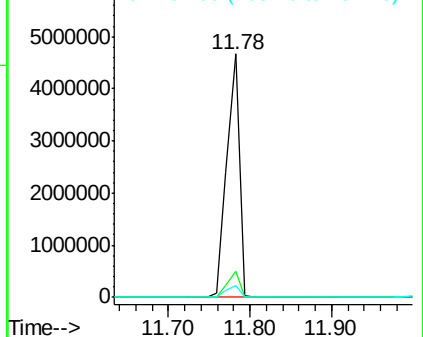
104 4.7 4.3 6.5

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.23 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

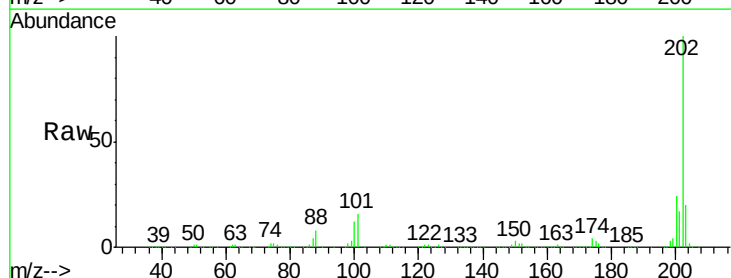
Tgt Ion:202 Resp: 3588049

Ion Ratio Lower Upper

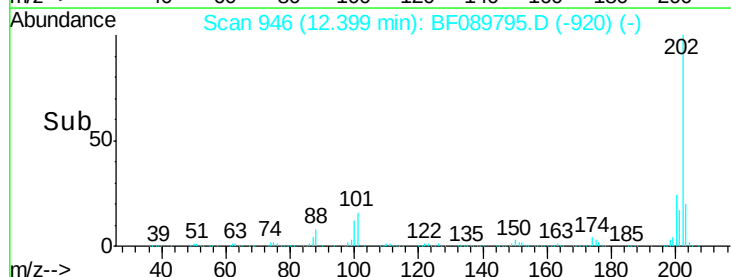
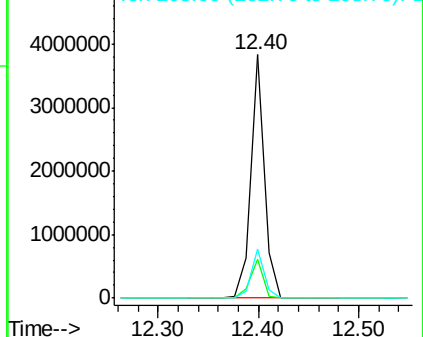
202 100

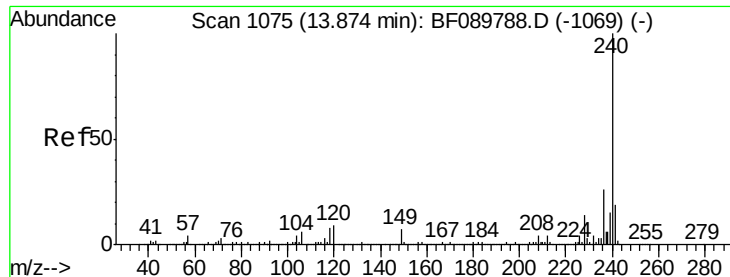
101 16.2 0.0 31.2

203 20.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

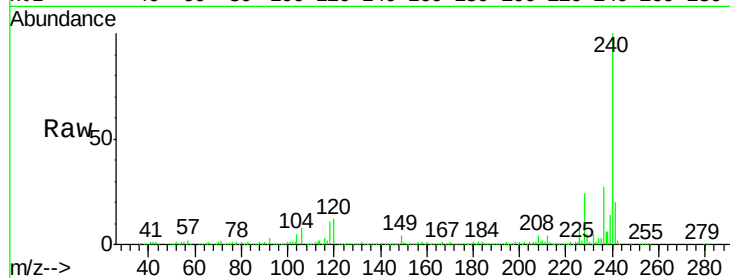
ClientSampleId :

PB92811BS

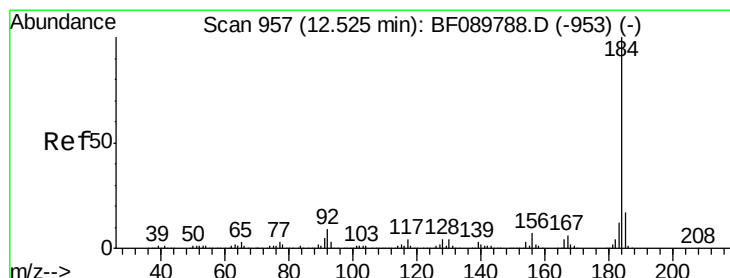
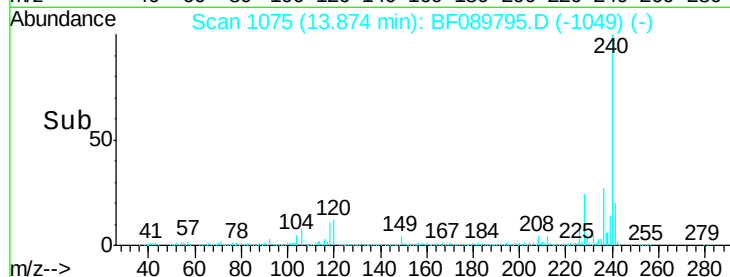
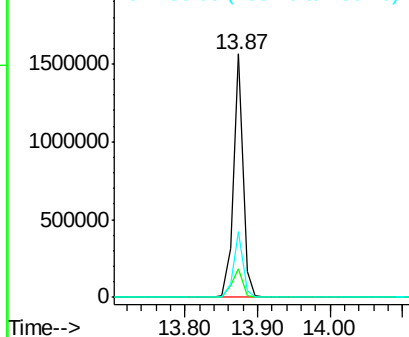
Tgt Ion:240 Resp: 1436551
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.3 12.5
 236 26.7 21.3 31.9

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Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.45 ng

RT: 12.52 min Scan# 957

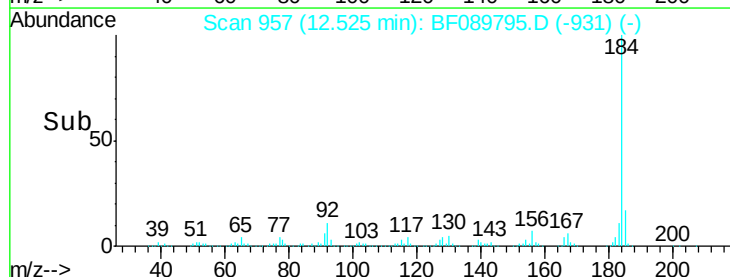
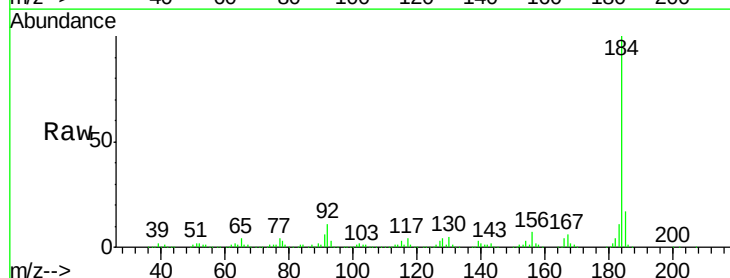
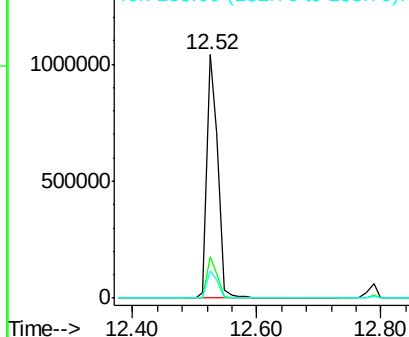
Delta R.T. -0.00 min

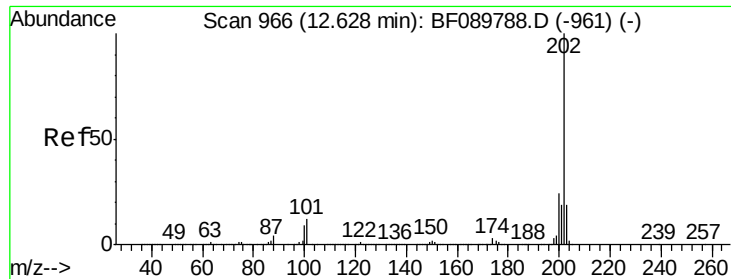
Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Tgt Ion:184 Resp: 1276182
 Ion Ratio Lower Upper
 184 100
 185 17.1 13.8 20.8
 183 11.3 9.7 14.5

Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 31.17 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB92811BS

Tgt Ion:202 Resp: 3645818

Ion Ratio Lower Upper

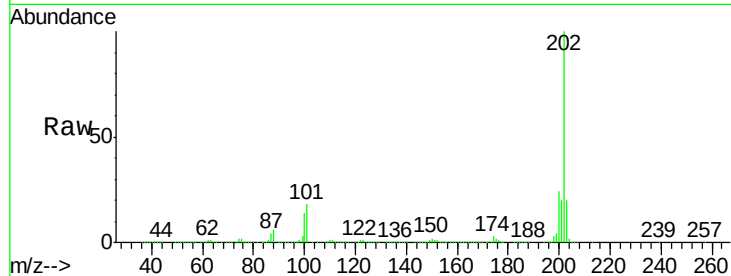
202 100

200 24.3 17.8 26.6

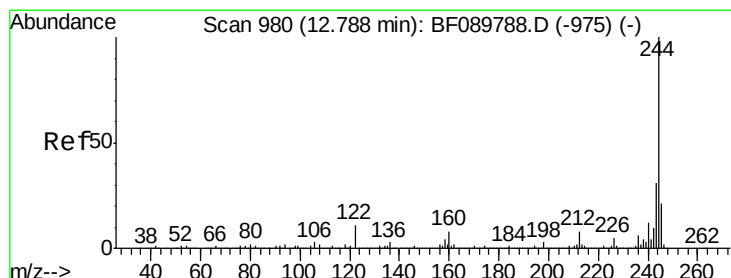
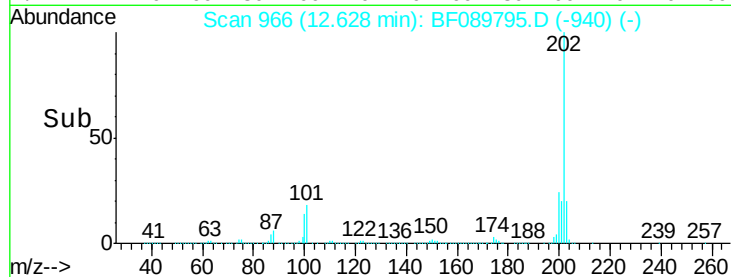
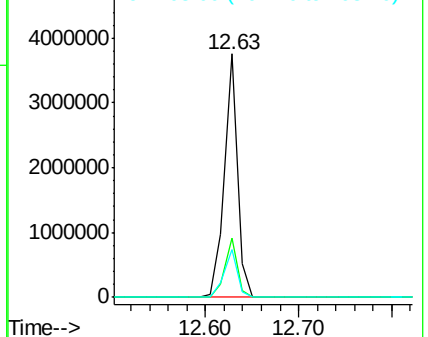
203 19.8 14.2 21.4

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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: 61.23 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089795.D

Acq: 19 Aug 2016 15:09

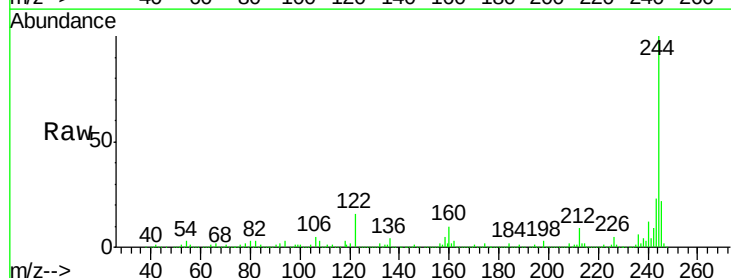
Tgt Ion:244 Resp: 3887957

Ion Ratio Lower Upper

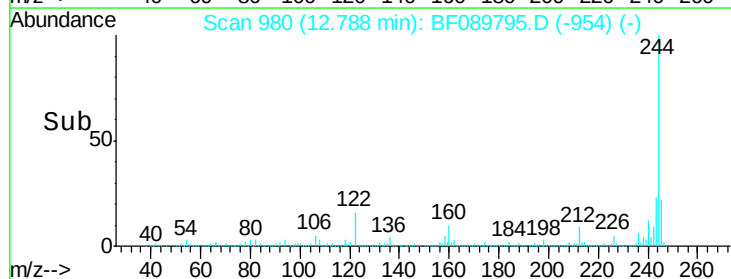
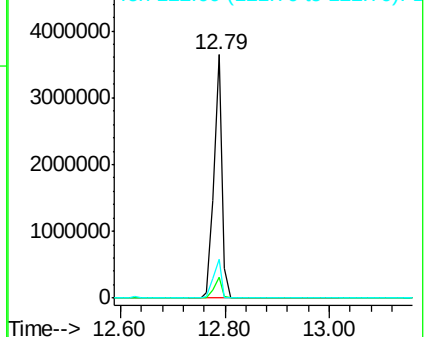
244 100

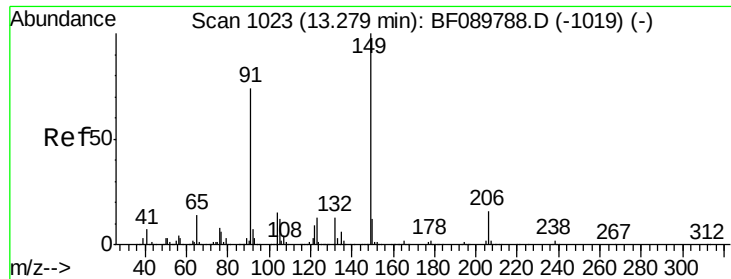
212 8.8 6.3 9.5

122 15.9 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





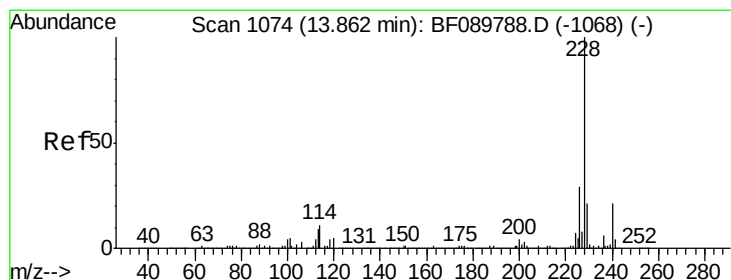
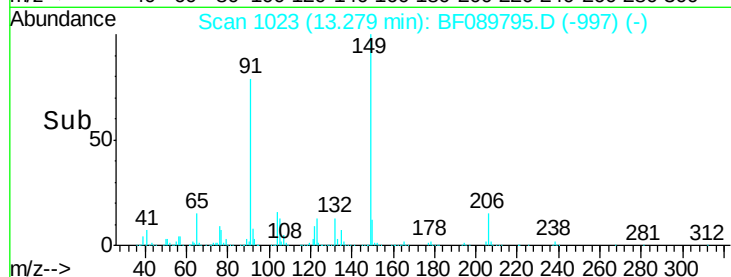
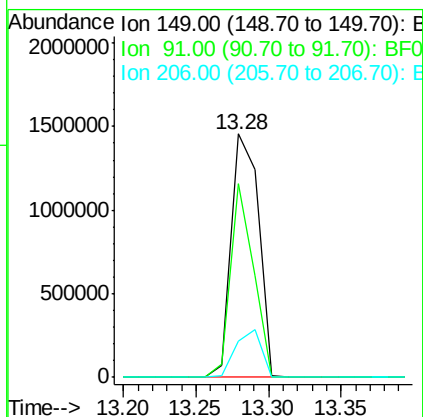
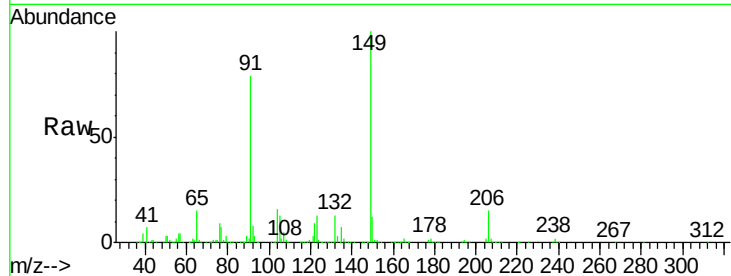
#79
Butylbenzylphthalate
Concen: 36.16 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion:149 Resp: 1910383
Ion Ratio Lower Upper
149 100
91 79.3 50.7 76.1#
206 14.9 15.5 23.3#

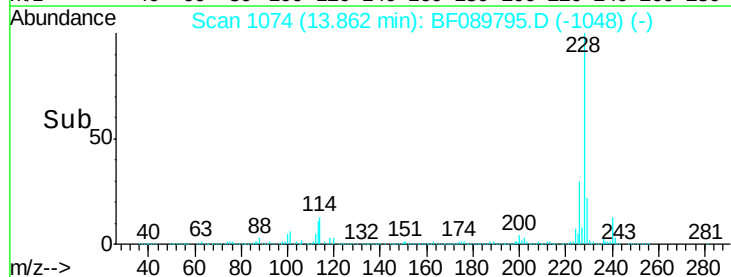
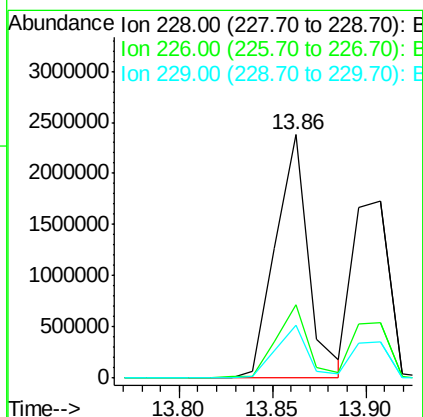
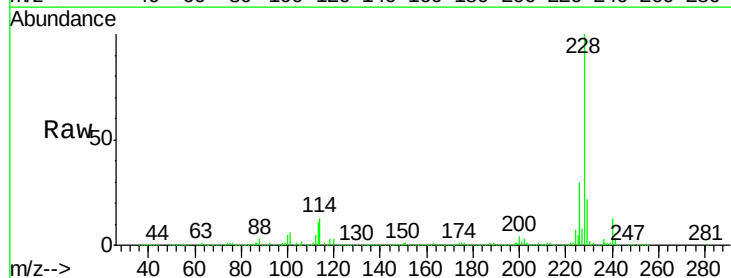
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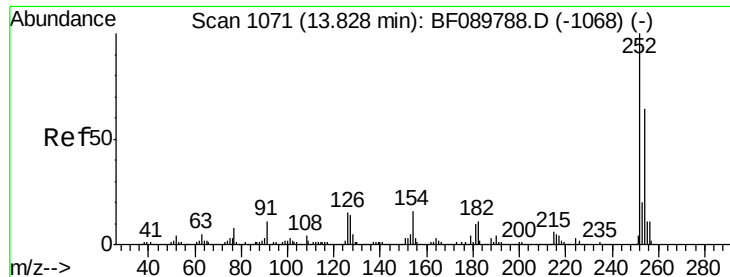
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#80
Benzo(a)anthracene
Concen: 35.68 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion:228 Resp: 2935700
Ion Ratio Lower Upper
228 100
226 29.9 23.2 34.8
229 21.5 16.2 24.4





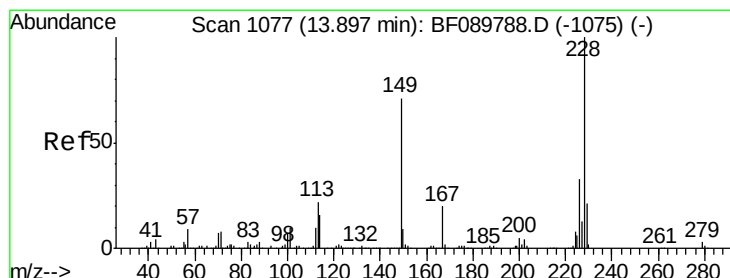
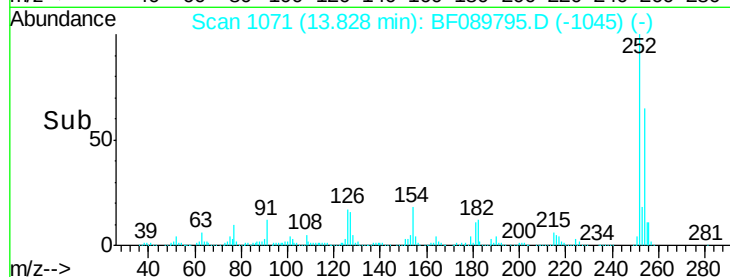
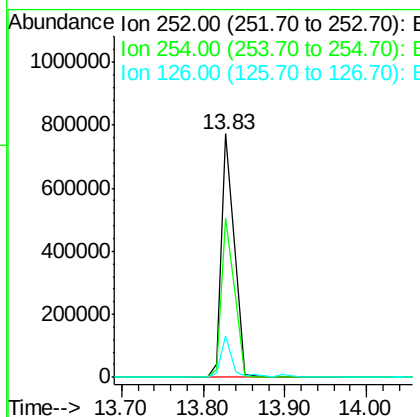
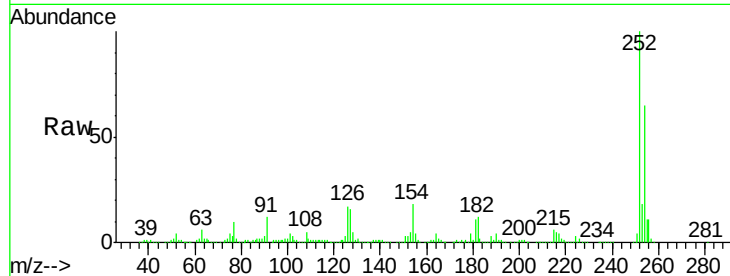
#81
 3,3'-Dichlorobenzidine
 Concen: 30.82 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampled :
 PB92811BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	831361		
254	65.5	50.6	75.8	
126	17.1	12.6	18.8	

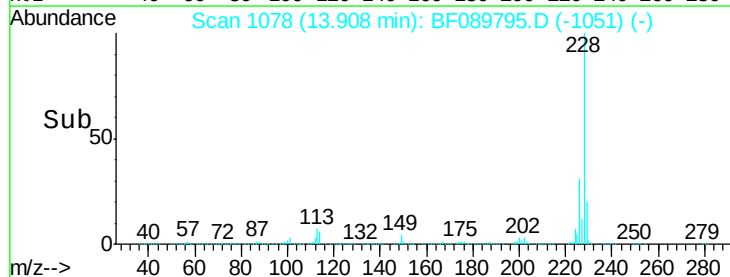
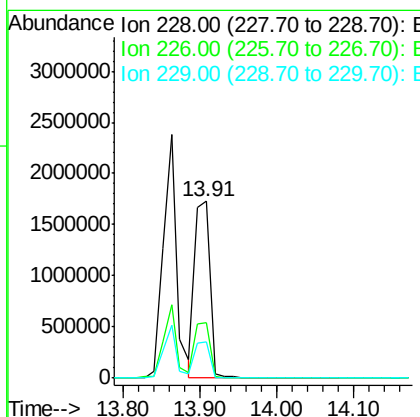
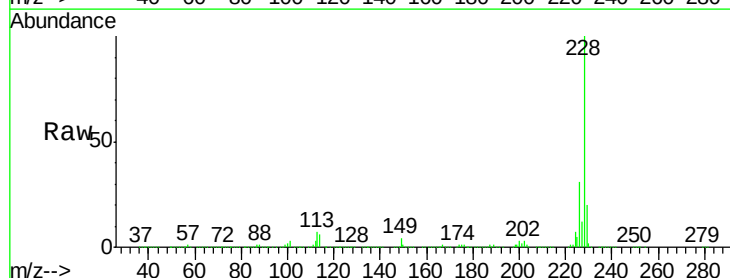
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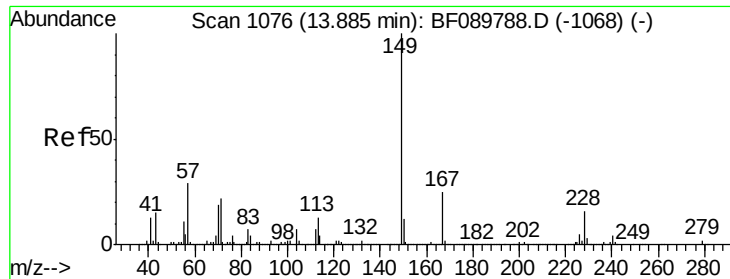
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#82
 Chrysene
 Concen: 34.00 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2398331		
226	31.2	25.4	38.0	
229	20.3	16.5	24.7	





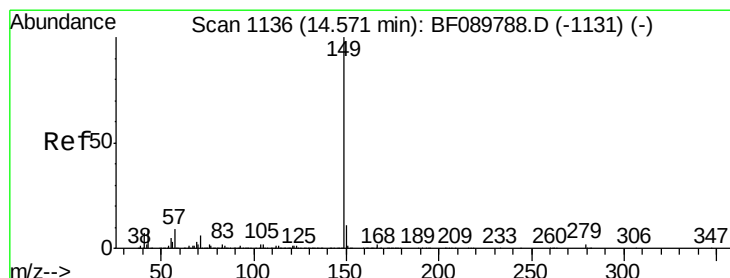
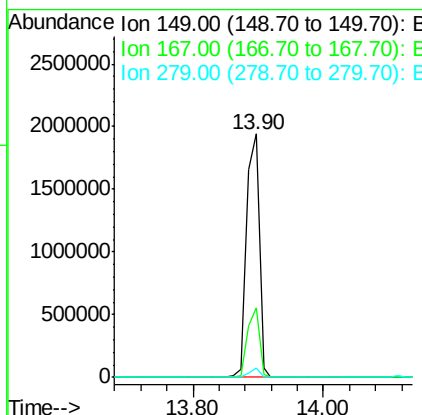
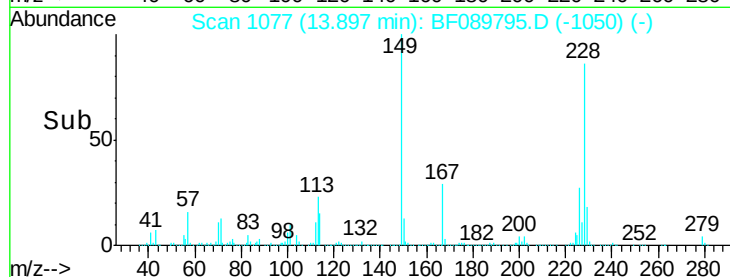
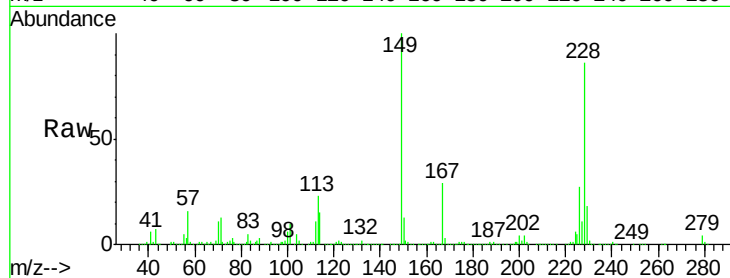
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.55 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampled :
 PB92811BS

Tgt Ion:149 Resp: 2587080
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.2 31.8
 279 4.0 2.9 4.3

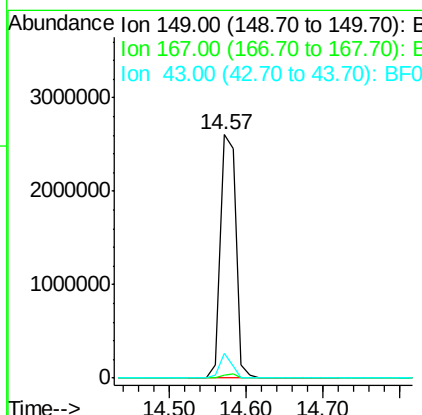
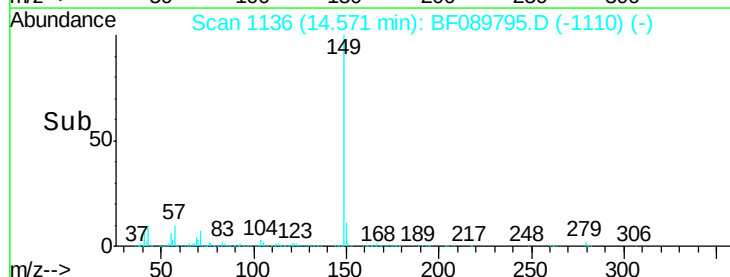
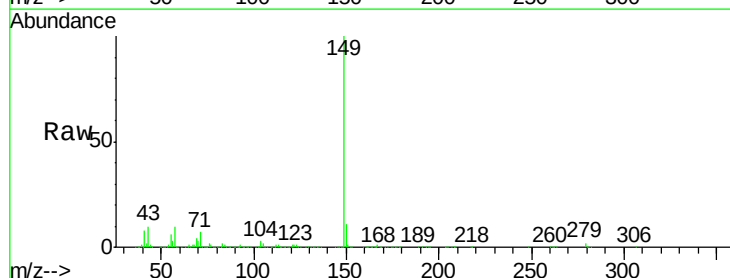
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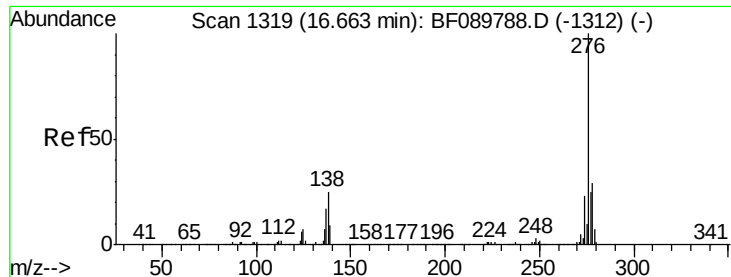
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#84
 Di-n-octyl phthalate
 Concen: 38.25 ng
 RT: 14.57 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion:149 Resp: 3699057
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.3 8.4 12.6#





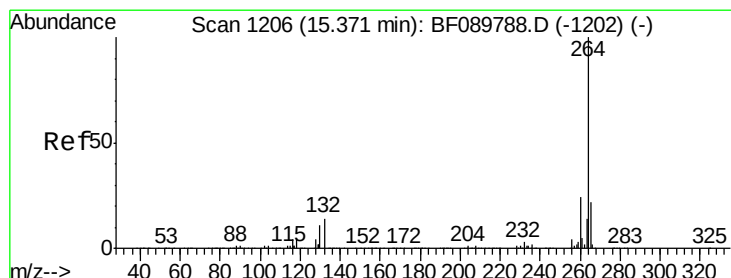
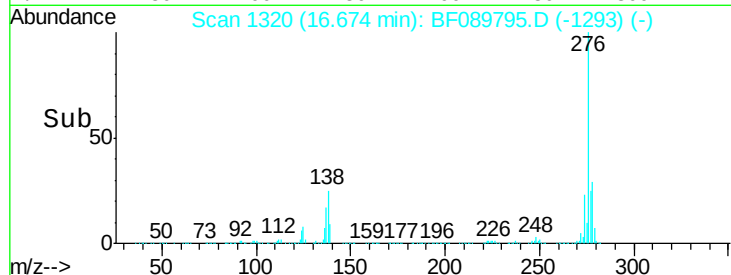
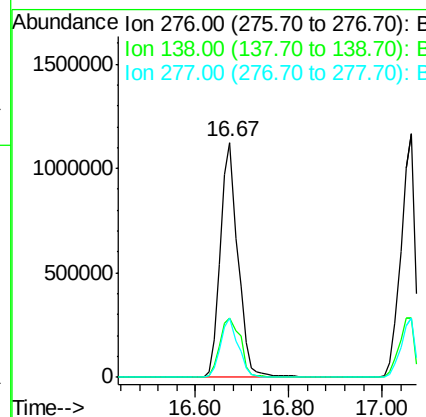
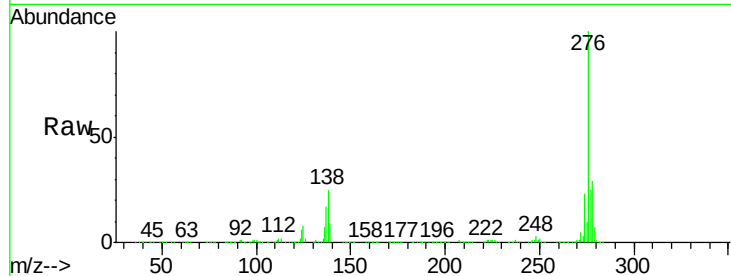
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.65 ng
 RT: 16.67 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	24.6	36.8
277	25.6	20.4	30.6

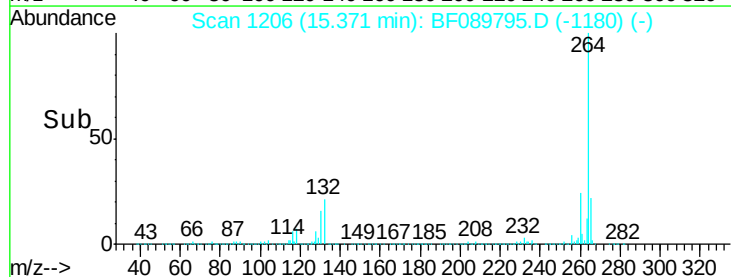
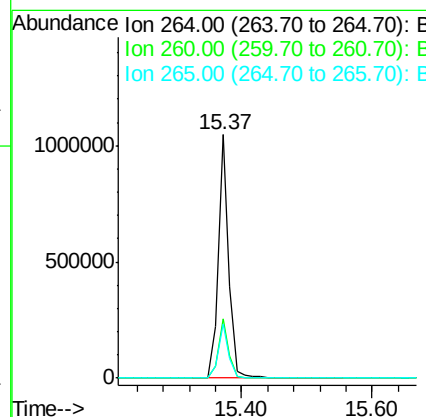
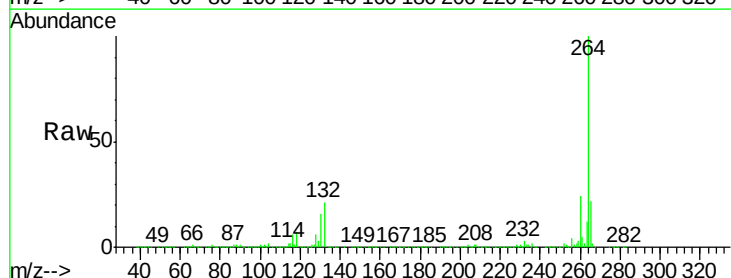
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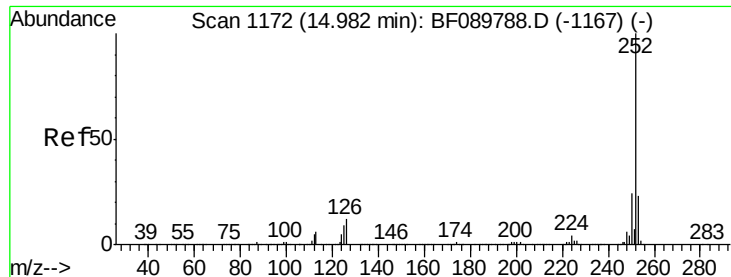
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	22.4	17.4	26.2





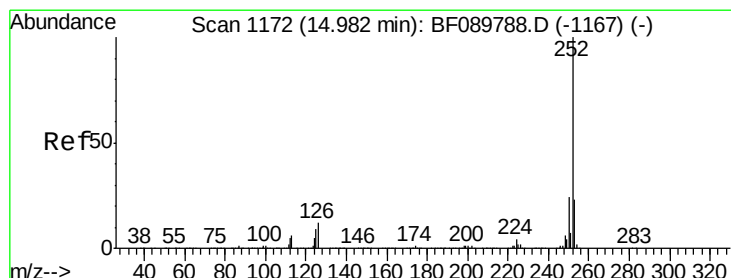
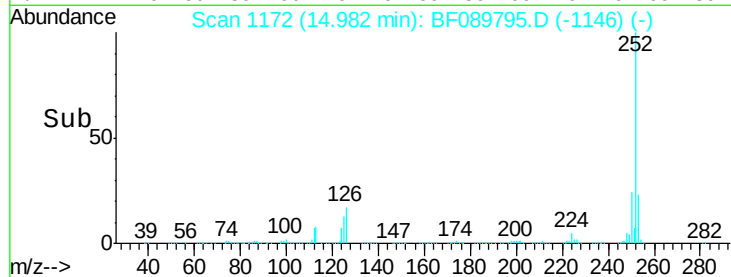
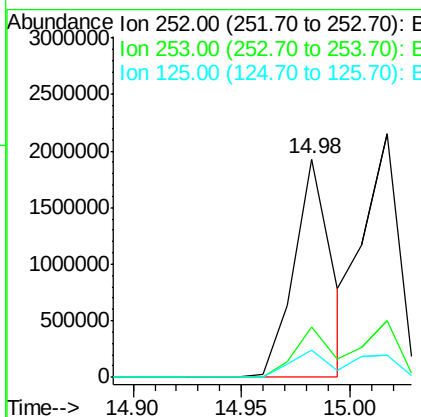
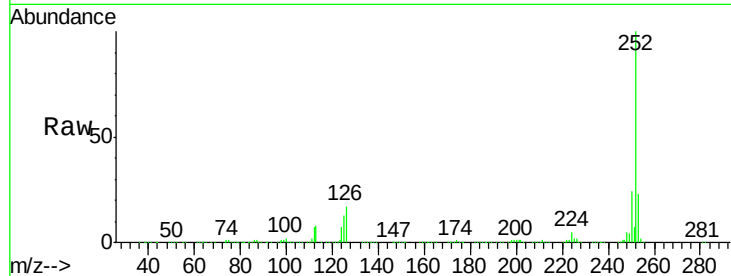
#87
Benzo(b)fluoranthene
Concen: 35.45 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	12.8	11.4	17.2

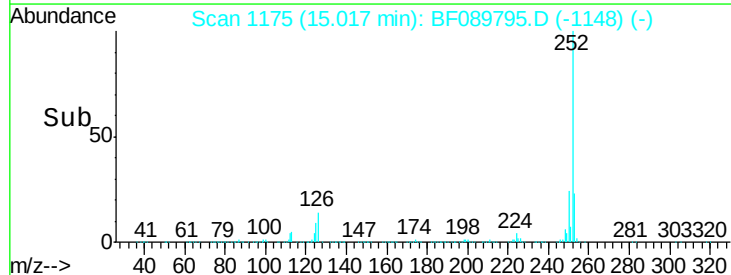
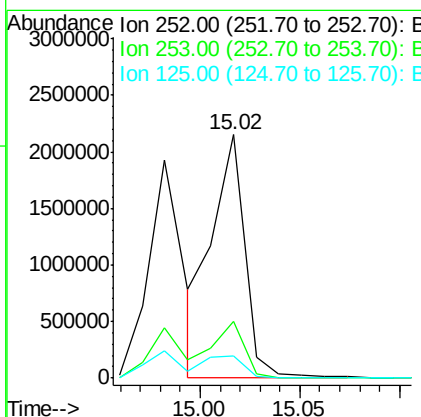
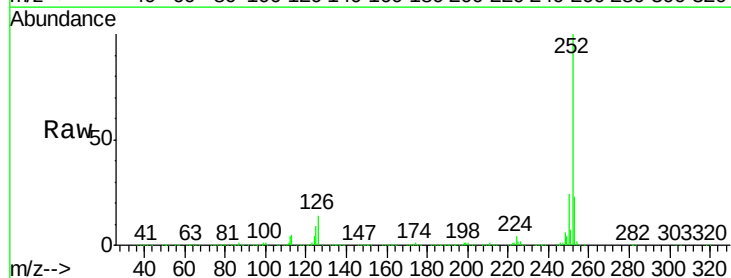
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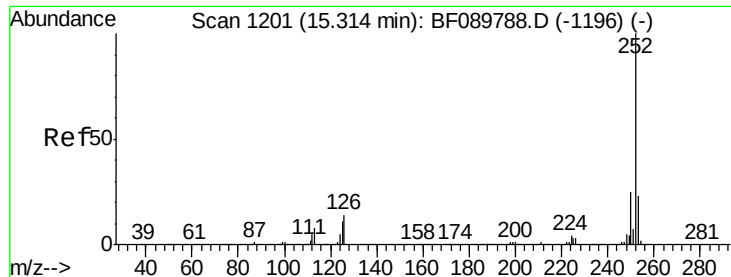
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#88
Benzo(k)fluoranthene
Concen: 41.53 ng m
RT: 15.02 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	9.4	9.8	14.6





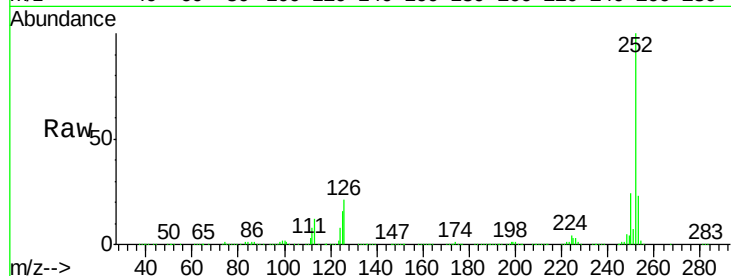
#89
Benzo(a)pyrene
Concen: 37.68 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB92811BS

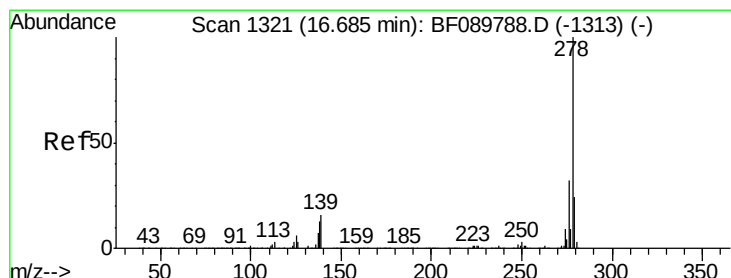
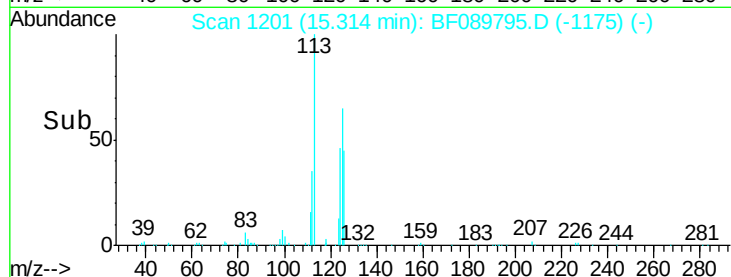
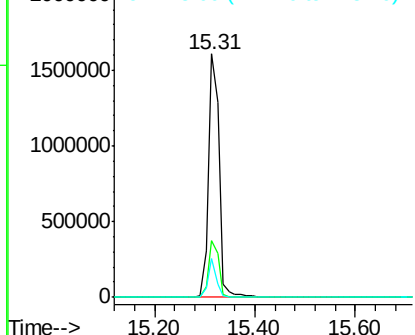
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	15.8	11.7	17.5

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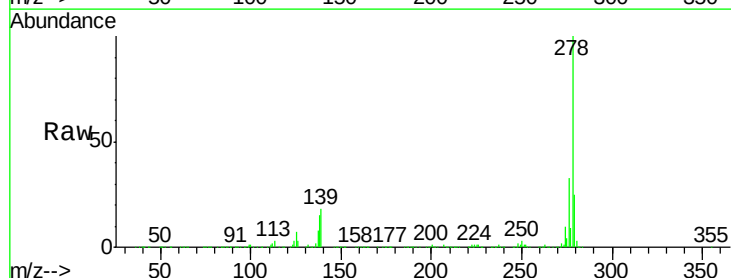


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

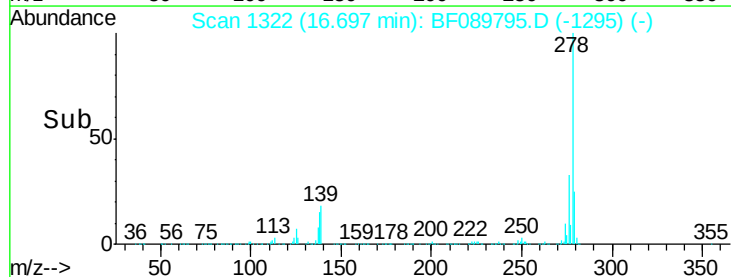
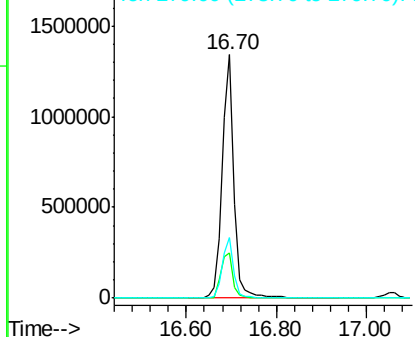


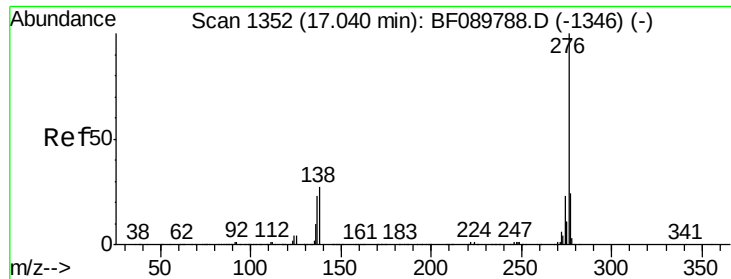
#90
Dibenzo(a,h)anthracene
Concen: 36.19 ng
RT: 16.70 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF089795.D
Acq: 19 Aug 2016 15:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.9	22.3
279	25.0	19.2	28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 35.79 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. 0.02 min
 Lab File: BF089795.D
 Acq: 19 Aug 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	24.1	22.1	33.1

Manual Integrations
 APPROVED

umangi
 8/19/2016 4:51:42 PM

