

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089798.D
 Acq On : 19 Aug 2016 16:29
 Operator : UM/SJ
 Sample : PB92975BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

Manual Integrations
 APPROVED

sohil
 8/22/2016 3:47:35 PM

Quant Time: Aug 22 01:35:28 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	568868	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2212914	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1026038	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	1860031	20.00	ng	0.01
75) Chrysene-d12	13.85	240	1184954	20.00	ng	-0.02
86) Perylene-d12	15.33	264	985235	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2741523	82.65	ng	0.02
7) Phenol-d6	6.32	99	3271697	80.34	ng	0.00
23) Nitrobenzene-d5	7.26	82	3012774	84.58	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	761464	78.09	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4492379	76.95	ng	0.00
78) Terphenyl-d14	12.79	244	4189078	79.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	546659	33.30	ng	97
3) Pyridine	2.91	79	1519322	35.29	ng	95
4) n-Nitrosodimethylamine	2.88	42	617771	38.54	ng	# 78
6) Aniline	6.34	93	1101767	20.17	ng	# 38
8) 2-Chlorophenol	6.47	128	1605613	40.48	ng	87
9) Benzaldehyde	6.22	77	391791	14.77	ng	98
10) Phenol	6.34	94	1935463	40.55	ng	95
11) bis(2-Chloroethyl)ether	6.42	93	1349203	36.46	ng	96
12) 1,3-Dichlorobenzene	6.63	146	1660553m	40.04	ng	
13) 1,4-Dichlorobenzene	6.71	146	1613938m	37.86	ng	
14) 1,2-Dichlorobenzene	6.86	146	1568391	39.41	ng	96
15) Benzyl Alcohol	6.83	79	1100946	40.77	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1830269	38.64	ng	91
17) 2-Methylphenol	6.95	107	1243480	40.02	ng	98
18) Hexachloroethane	7.20	117	590675	38.85	ng	90
19) n-Nitroso-di-n-propylamine	7.12	70	1109506	42.60	ng	# 84
20) 3+4-Methylphenols	7.11	107	1483178	38.93	ng	# 66
22) Acetophenone	7.10	105	1865152	36.71	ng	# 90
24) Nitrobenzene	7.27	77	1467831	36.73	ng	99
25) Isophorone	7.52	82	2894054	40.28	ng	# 92
26) 2-Nitrophenol	7.59	139	798985	40.07	ng	# 83
27) 2,4-Dimethylphenol	7.63	122	1352825	37.64	ng	95
28) bis(2-Chloroethoxy)methane	7.74	93	1988188	44.73	ng	96
29) 2,4-Dichlorophenol	7.83	162	1179694	39.12	ng	93
30) 1,2,4-Trichlorobenzene	7.92	180	1353367	40.58	ng	95
31) Naphthalene	8.00	128	4199331	40.60	ng	100
32) Benzoic acid	7.76	122	824647	29.45	ng	98
33) 4-Chloroaniline	8.04	127	607964	13.56	ng	# 95
34) Hexachlorobutadiene	8.12	225	674093	38.59	ng	96
35) Caprolactam	8.42	113	413146	44.99	ng	# 85
36) 4-Chloro-3-methylphenol	8.54	107	1362202	41.71	ng	99
37) 2-Methylnaphthalene	8.68	142	2851452	42.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1006278	30.29	ng	97
40) Hexachlorocyclopentadiene	8.84	237	1131086	98.05	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	891928	42.67	nq	99
43) 2,4,5-Trichlorophenol	9.00	196	880088	42.33	nq	97
45) 1,1'-Biphenyl	9.15	154	3049834	38.41	nq	95
46) 2-Chloronaphthalene	9.16	162	2486822	39.62	nq	99
47) 2-Nitroaniline	9.27	65	893446	49.91	nq	# 80
48) Acenaphthylene	9.58	152	4072325	43.18	nq	99
49) Dimethylphthalate	9.46	163	3178302	43.99	nq	# 99
50) 2,6-Dinitrotoluene	9.51	165	637511	38.22	nq	# 85
51) Acenaphthene	9.76	154	3024462	48.45	nq	99
52) 3-Nitroaniline	9.67	138	365170	19.76	nq	97
53) 2,4-Dinitrophenol	9.78	184	761583	78.24	nq	# 82
54) Dibenzofuran	9.93	168	3756940	47.92	nq	91
55) 4-Nitrophenol	9.84	139	1136984	75.38	nq	91
56) 2,4-Dinitrotoluene	9.91	165	839267	38.78	nq	# 61
57) Fluorene	10.26	166	2664165	42.64	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.04	232	755766	49.95	nq	98
59) Diethylphthalate	10.16	149	3071188	41.85	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	1104721	38.76	nq	92
61) 4-Nitroaniline	10.28	138	659914	38.09	nq	97
62) Azobenzene	10.42	77	3094728	44.85	nq	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	458348	42.88	nq	# 58
65) n-Nitrosodiphenylamine	10.39	169	2671875	45.69	nq	98
66) 4-Bromophenyl-phenylether	10.75	248	831334	42.63	nq	# 86
67) Hexachlorobenzene	10.81	284	868001	39.02	nq	# 85
68) Atrazine	10.91	200	687715	38.40	nq	96
69) Pentachlorophenol	11.00	266	1015874	80.56	nq	97
70) Phenanthrene	11.22	178	3993614	42.51	nq	95
71) Anthracene	11.27	178	3754470	39.32	nq	98
72) Carbazole	11.43	167	3754180	43.83	nq	97
73) Di-n-butylphthalate	11.78	149	4555471	42.51	nq	# 98
74) Fluoranthene	12.40	202	3573278	39.99	nq	93
76) Benzidine	12.52	184	1186372	30.94	nq	98
77) Pyrene	12.63	202	3920376	40.63	nq	95
79) Butylbenzylphthalate	13.28	149	2053139	47.11	nq	91
80) Benzo(a)anthracene	13.84	228	3067284	45.20	nq	98
81) 3,3'-Dichlorobenzidine	13.82	252	611011	27.46	nq	# 94
82) Chrysene	13.89	228	2701462	46.43	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	2635932	43.91	nq	98
84) Di-n-octyl phthalate	14.55	149	4056464	50.85	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.62	276	2690780	36.25	nq	99
87) Benzo(b)fluoranthene	14.95	252	2527982	46.64	nq	# 95
88) Benzo(k)fluoranthene	14.97	252	2110938m	42.93	nq	
89) Benzo(a)pyrene	15.28	252	2254803	43.95	nq	# 94
90) Dibenzo(a,h)anthracene	16.64	278	2256158	40.52	nq	97
91) Benzo(g,h,i)perylene	17.01	276	2317636	39.53	nq	98

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

```

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Operator  : UM/SJ
Sample    : PB92975BSD
Misc      :
ALS Vial  : 14      Sample Multiplier: 1

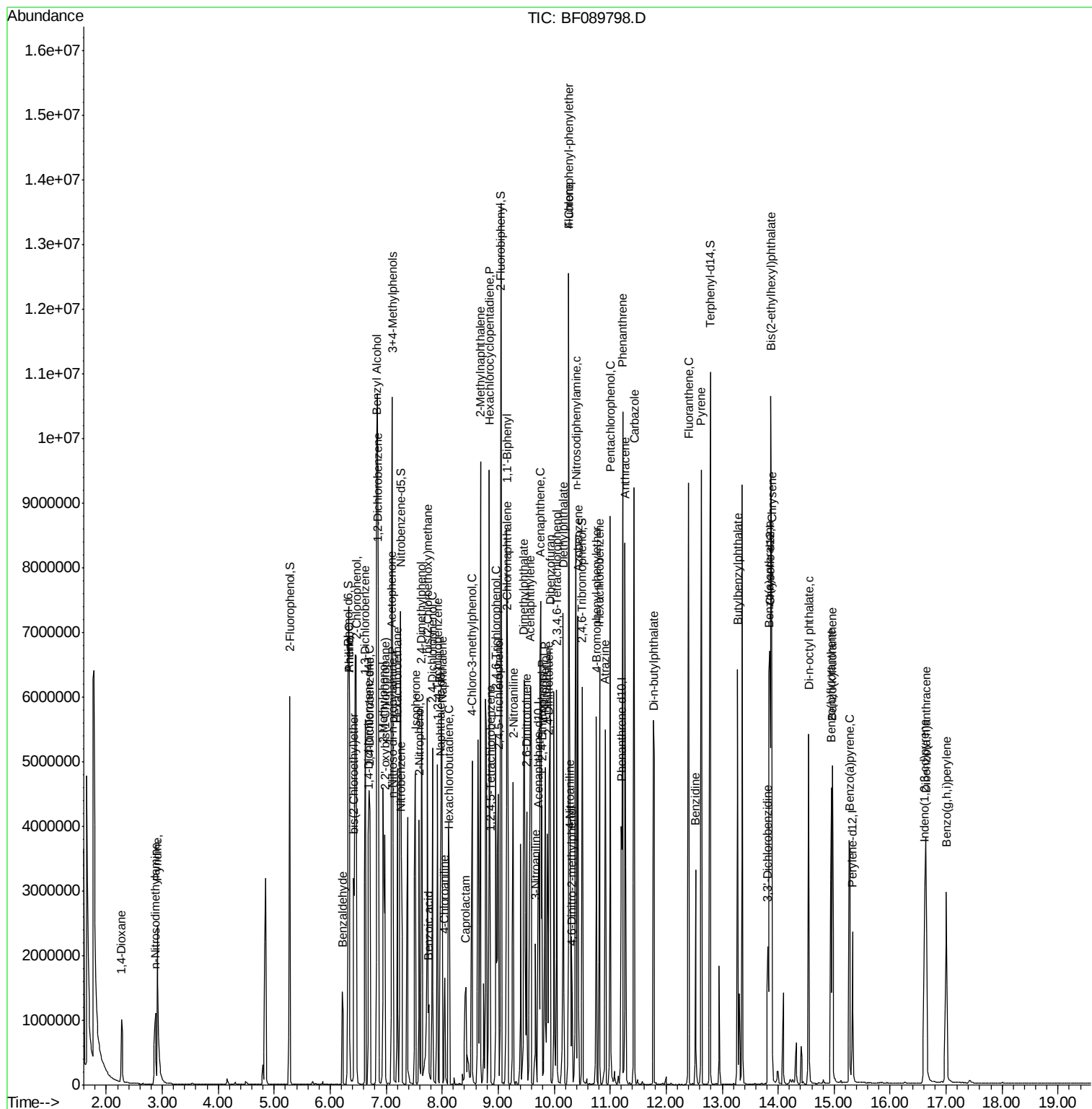
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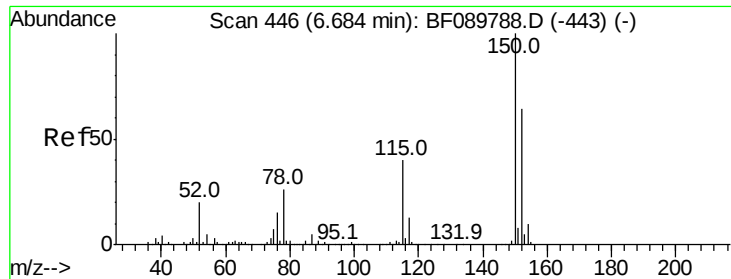
Instrument :
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ClientSampleId :
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#1

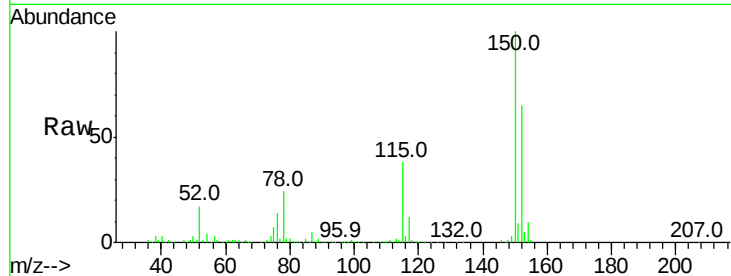
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampled :
PB92975BSD

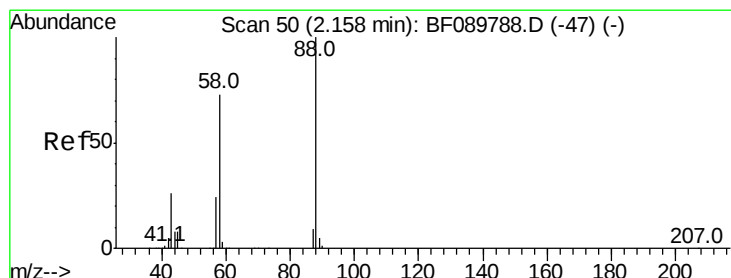
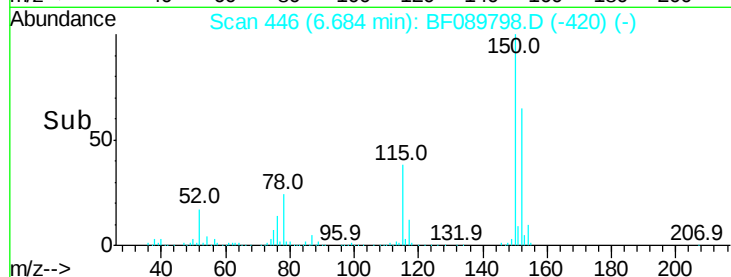
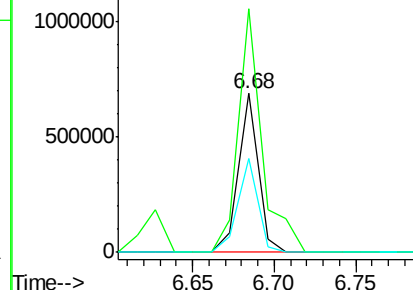
Tot Ion	Ratio	Resp	Lower	Upper
152	100	568868		
150	153.6	125.3	187.9	
115	58.8	40.9	61.3	

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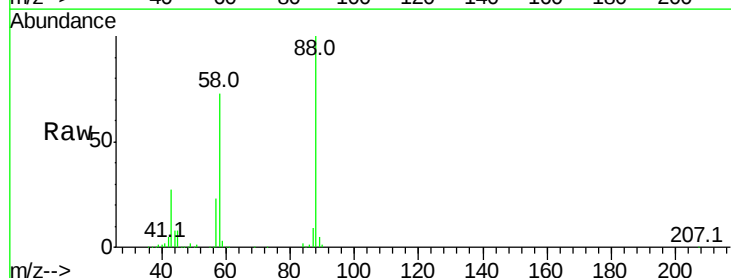
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



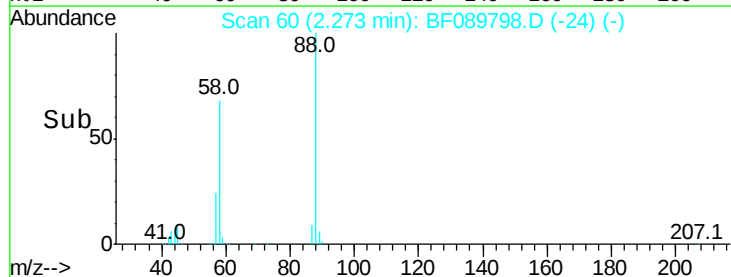
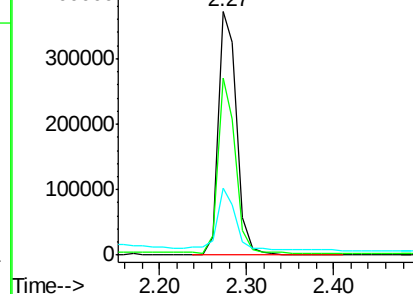
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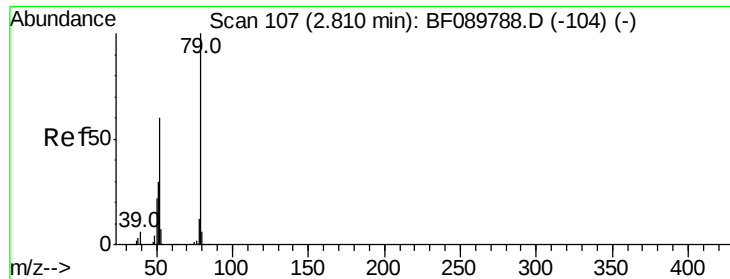
1,4-Dioxane
Concen: 33.30 ng
RT: 2.27 min Scan# 60
Delta R.T. 0.11 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	546659		
58	68.6	57.0	85.4	
43	28.3	21.8	32.8	



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





#3

Pvridine

Concen: 35.29 ng

RT: 2.91 min Scan# 116

Delta R.T. 0.10 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tot Ion: 79 Resp: 1519322

Ion Ratio Lower Upper

79 100

52 62.7 53.6 80.4

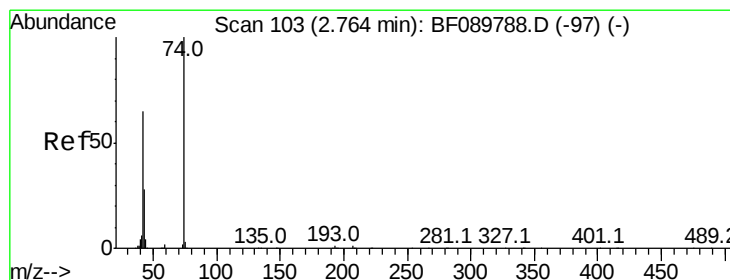
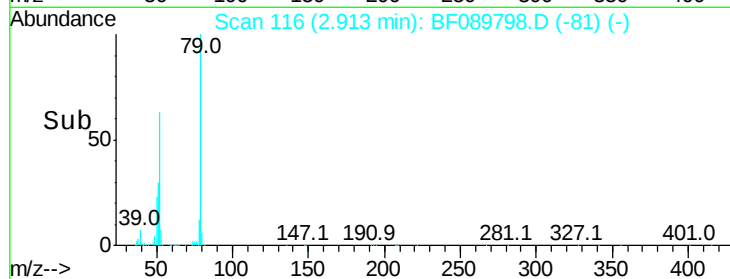
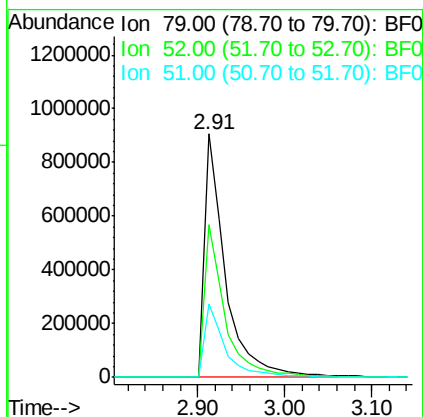
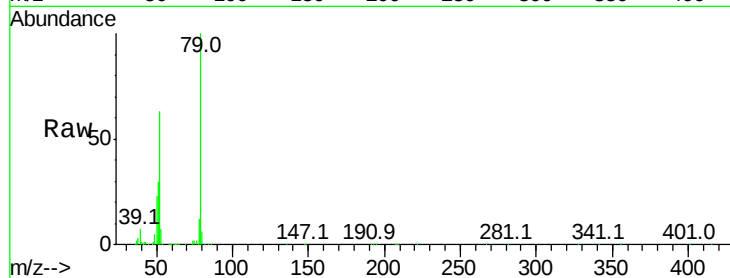
51 30.3 26.6 39.8

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#4

n-Nitrosodimethylamine

Concen: 38.54 ng

RT: 2.88 min Scan# 113

Delta R.T. 0.11 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

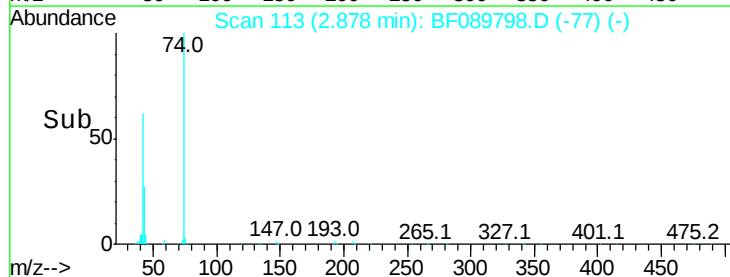
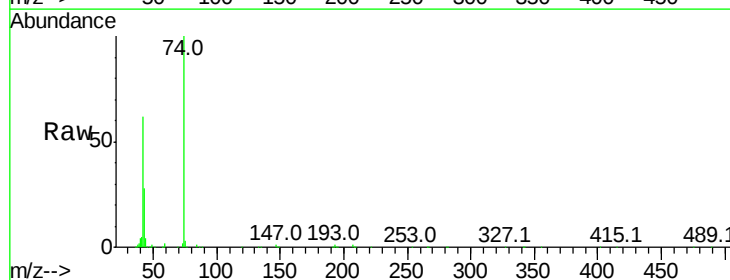
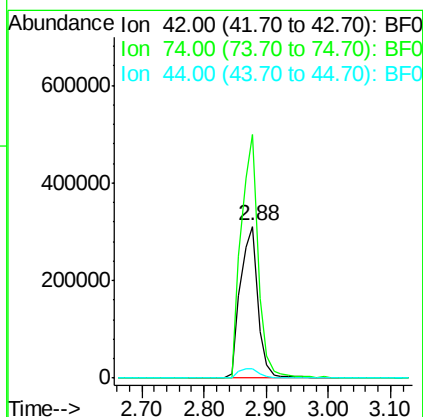
Tgt Ion: 42 Resp: 617771

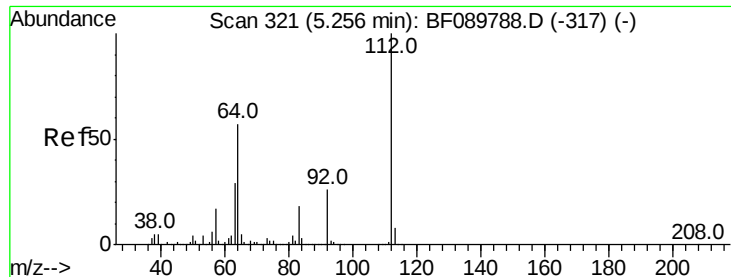
Ion Ratio Lower Upper

42 100

74 160.5 106.2 159.2#

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 82.65 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.02 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tot Ion:112 Resp: 2741523

Ion Ratio Lower Upper

112 100

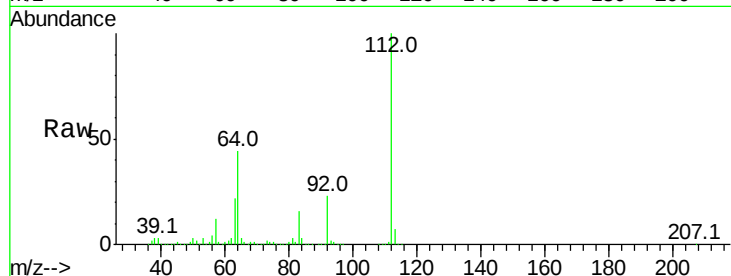
64 43.8 45.0 67.4#

63 22.2 23.1 34.7#

Manual Integrations
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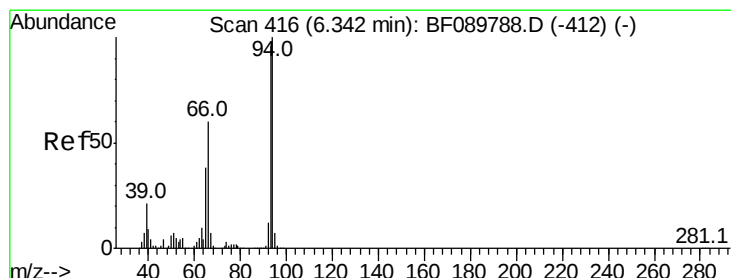
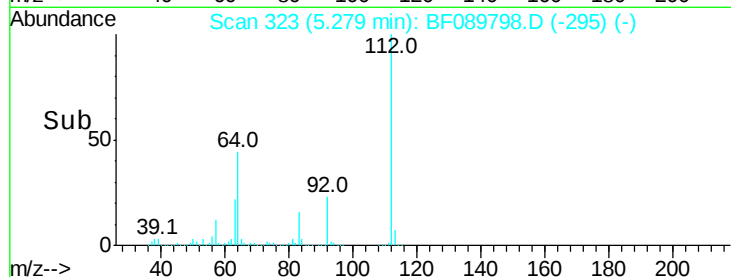
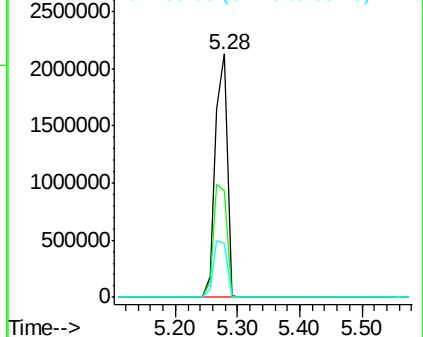
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.17 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

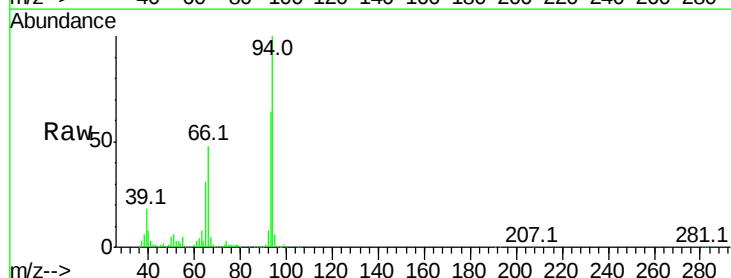
Tgt Ion: 93 Resp: 1101767

Ion Ratio Lower Upper

93 100

66 74.9 30.6 46.0#

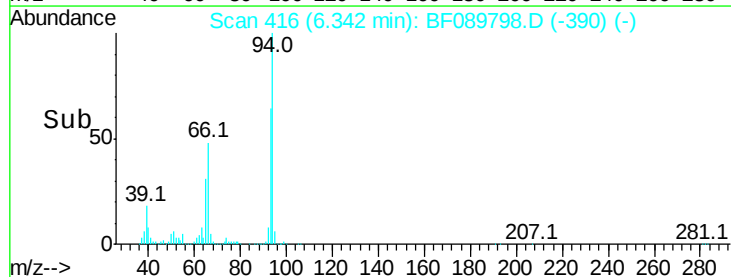
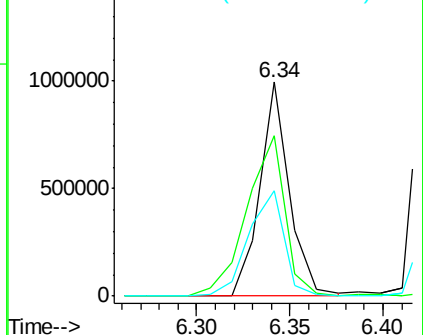
65 49.4 15.4 23.2#

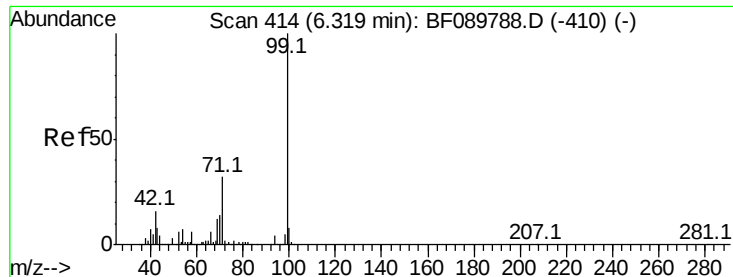


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.34 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tot Ion: 99 Resp: 3271697

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.4

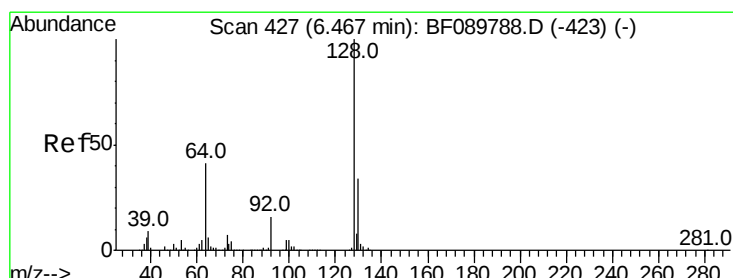
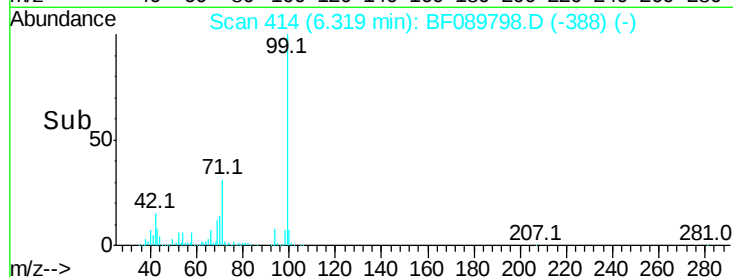
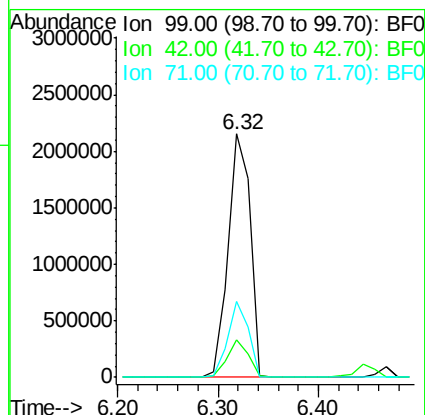
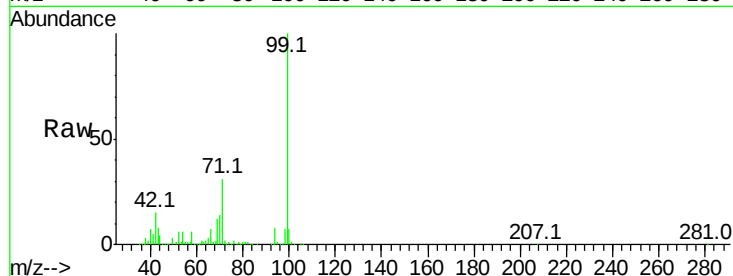
71 31.1 23.8 35.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.48 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

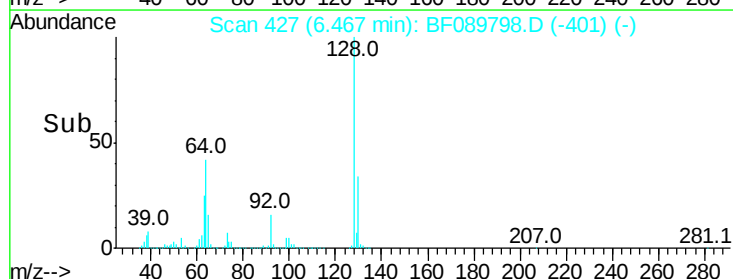
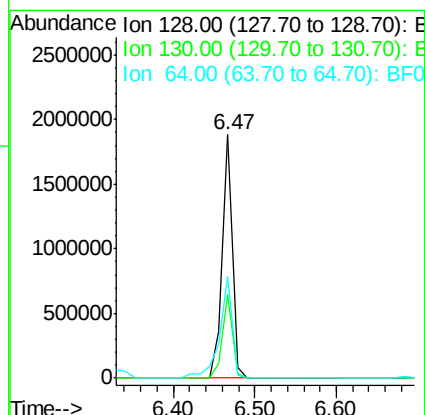
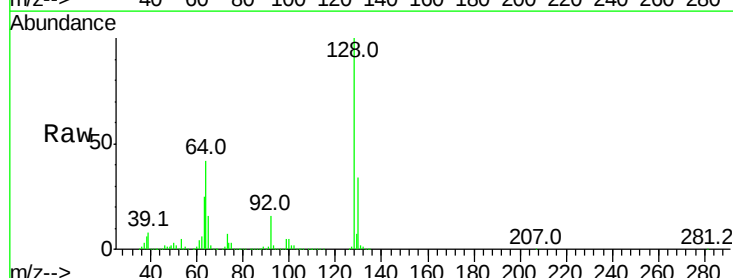
Tgt Ion:128 Resp: 1605613

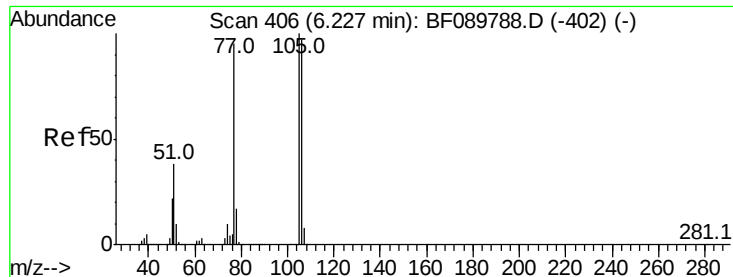
Ion Ratio Lower Upper

128 100

130 34.4 12.0 52.0

64 41.8 35.1 75.1





#9

Benzaldehyde

Concen: 14.77 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

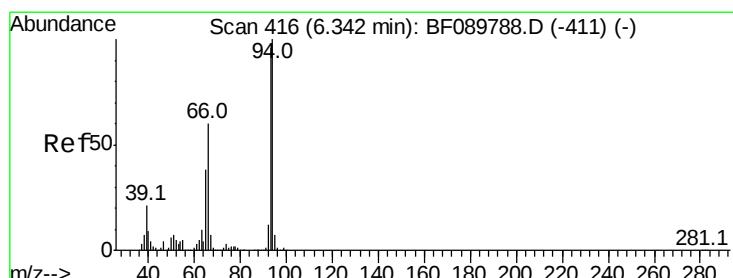
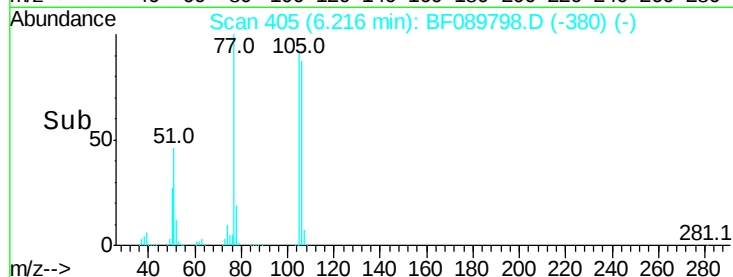
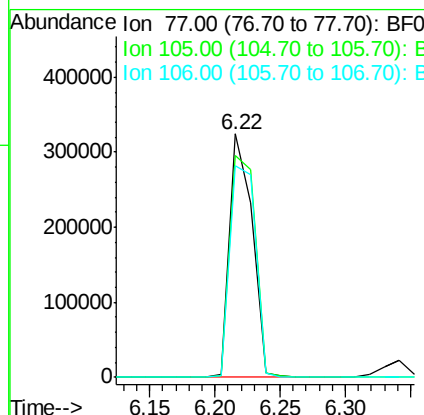
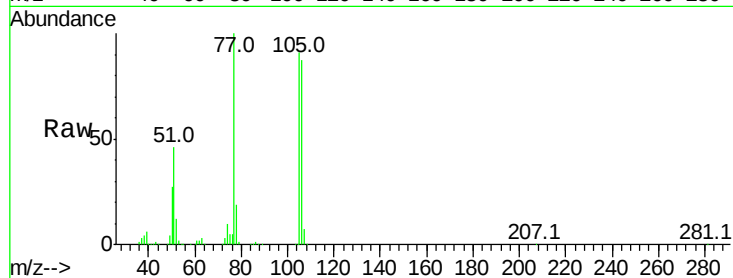
ClientSampleId :

PB92975BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.1	73.3	113.3
106	87.0	68.6	108.6

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#10

Phenol

Concen: 40.55 ng

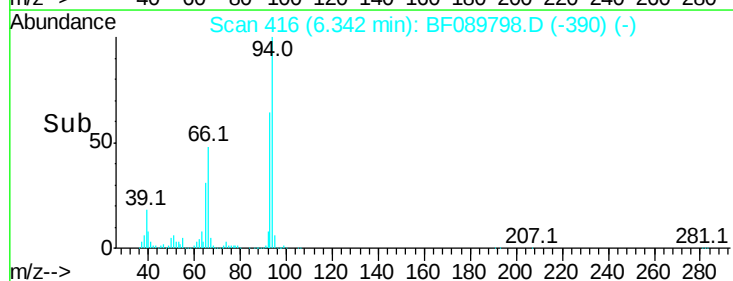
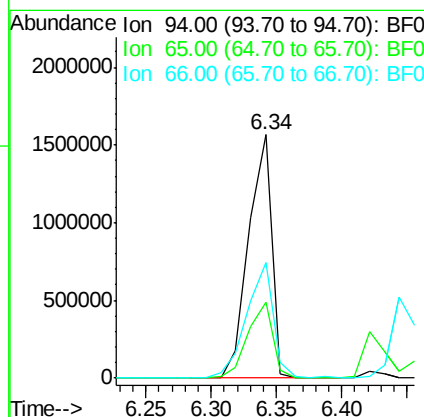
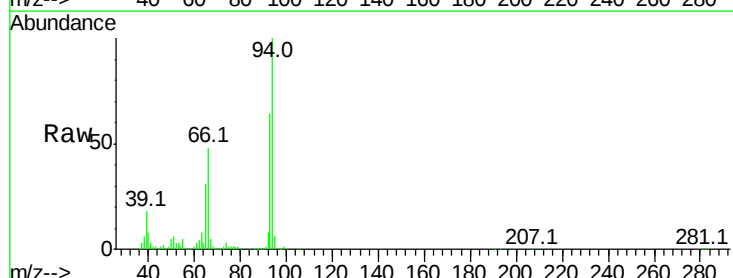
RT: 6.34 min Scan# 416

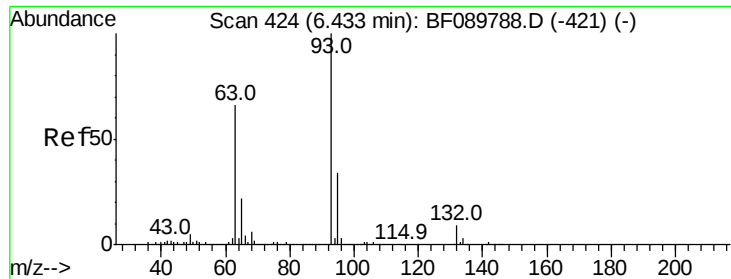
Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.4	14.0	54.0
66	47.6	31.2	71.2





#11

bis(2-Chloroethyl)ether

Concen: 36.46 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

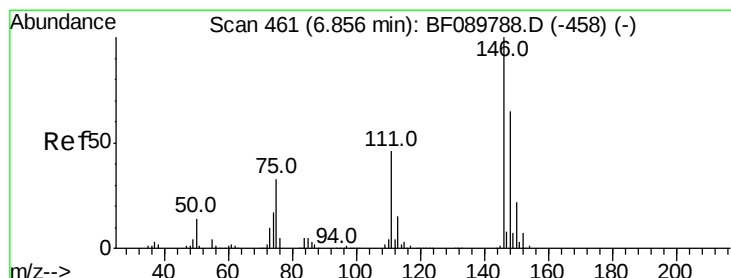
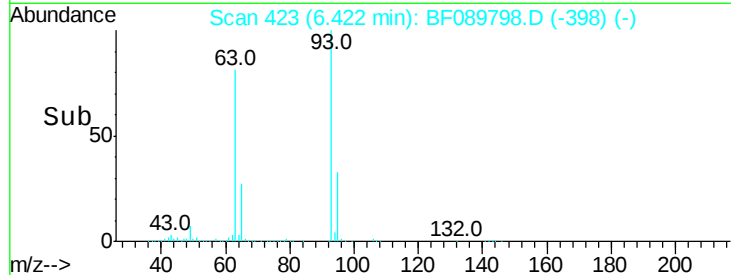
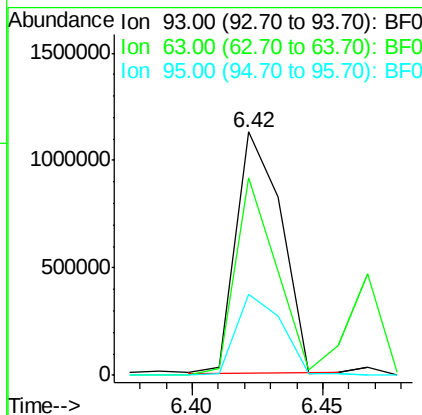
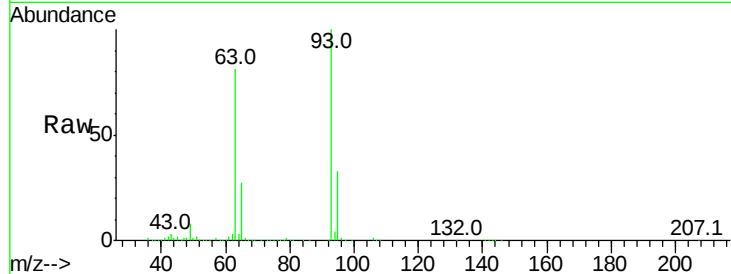
ClientSampled :

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Tot Ion:	93	Resp:	1349203
Ion	Ratio	Lower	Upper
93	100		
63	80.9	55.8	95.8
95	33.2	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 40.04 ng m

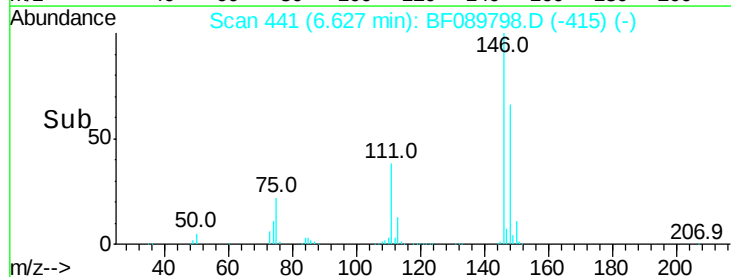
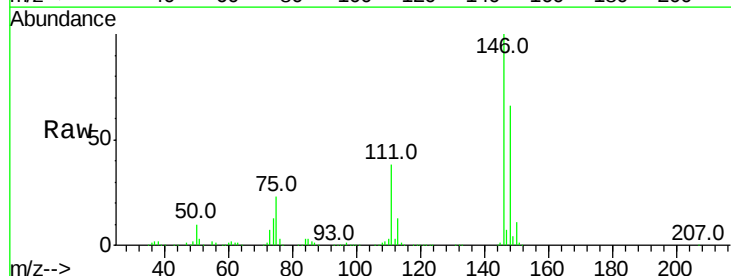
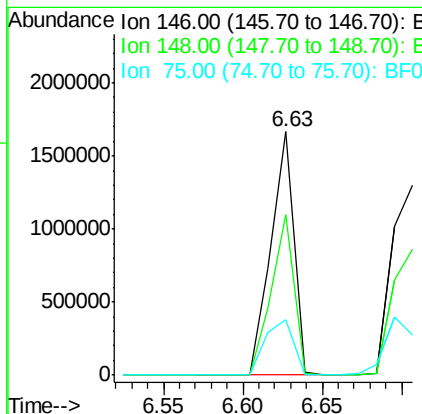
RT: 6.63 min Scan# 441

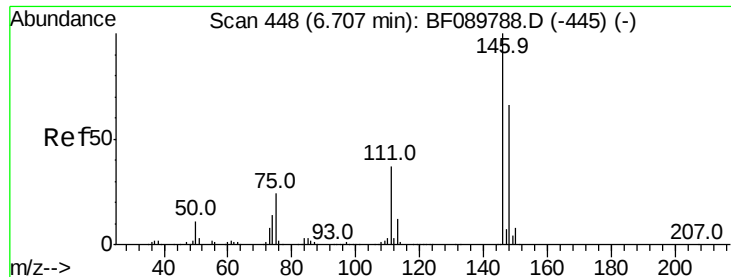
Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Tgt Ion:	146	Resp:	1660553
Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.0	76.4
75	23.0	27.0	40.6#





#13
 1,4-Dichlorobenzene
 Concen: 37.86 ng/ml
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

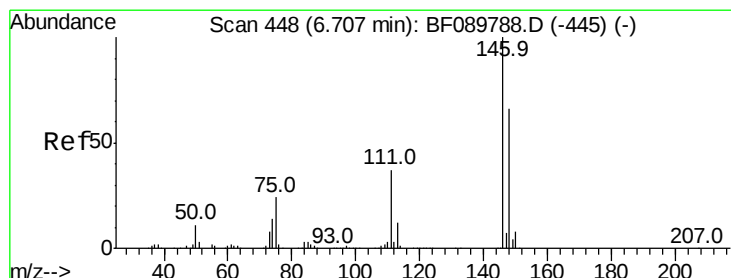
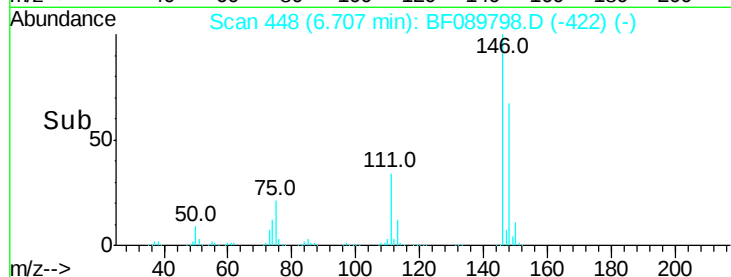
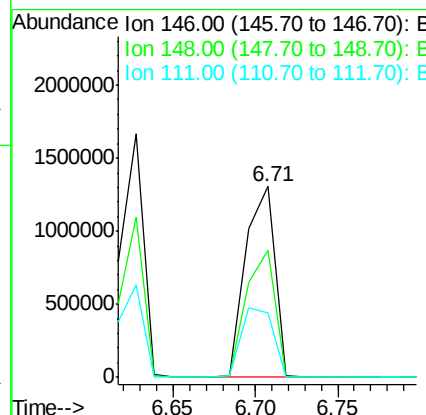
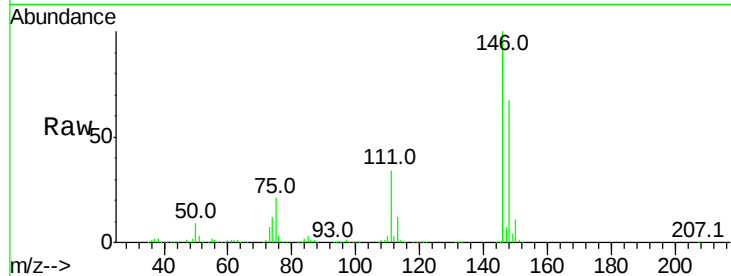
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

Tot Ion:146 Resp: 1613938

Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.0	76.6
111	34.0	34.6	52.0

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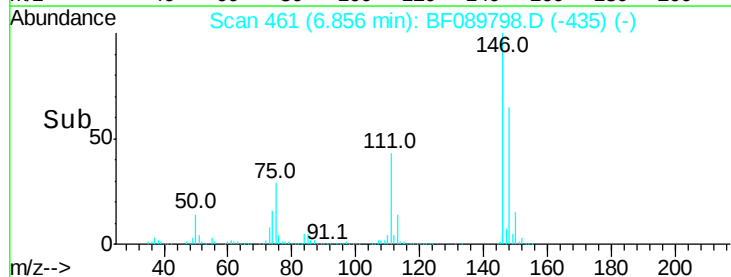
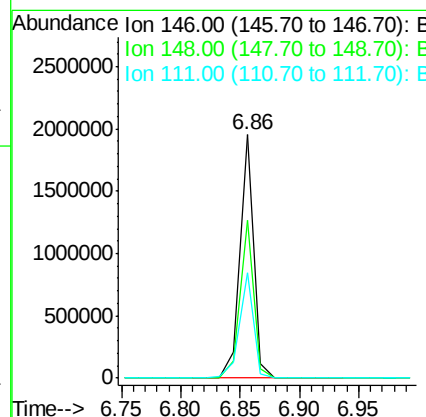
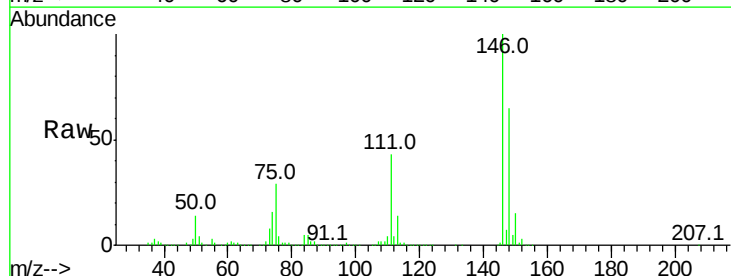
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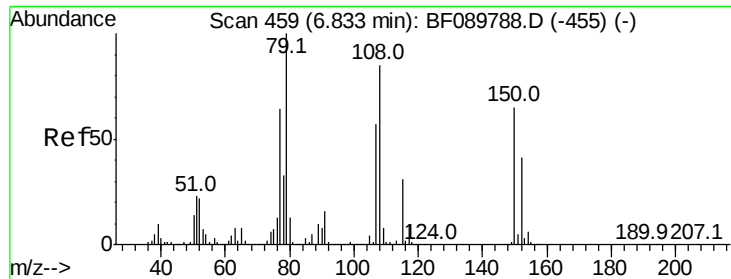


#14
 1,2-Dichlorobenzene
 Concen: 39.41 ng/ml
 RT: 6.86 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion:146 Resp: 1568391

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	43.5	29.8	44.6





#15

Benzyl Alcohol

Concen: 40.77 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tot Ion: 79 Resp: 1100946

Ion Ratio Lower Upper

79 100

108 85.6 62.5 93.7

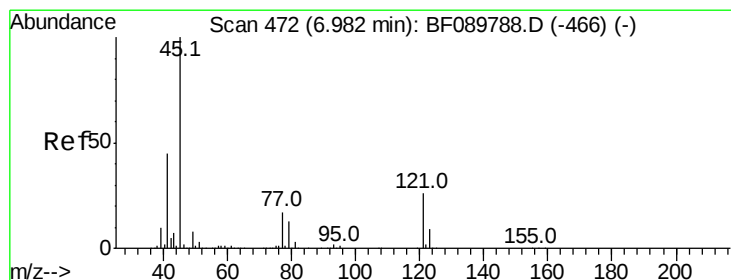
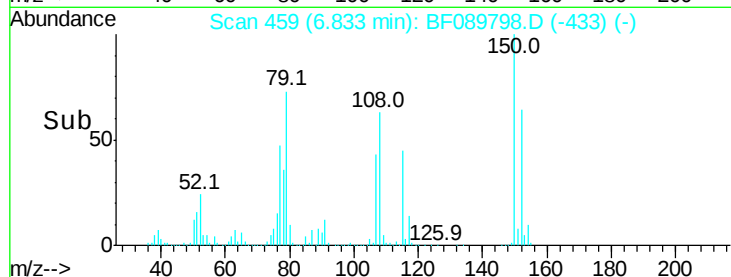
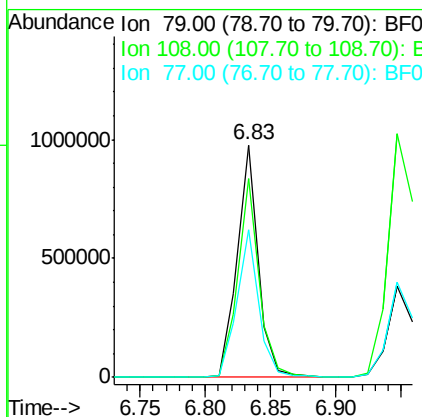
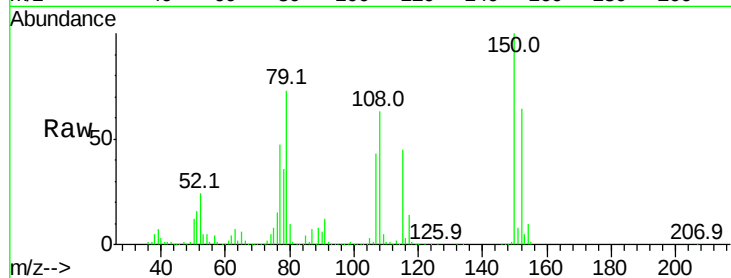
77 63.6 51.5 77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.64 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

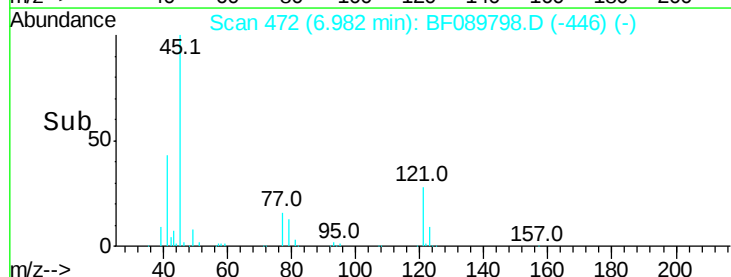
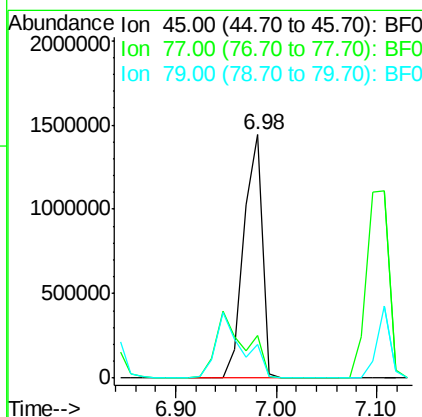
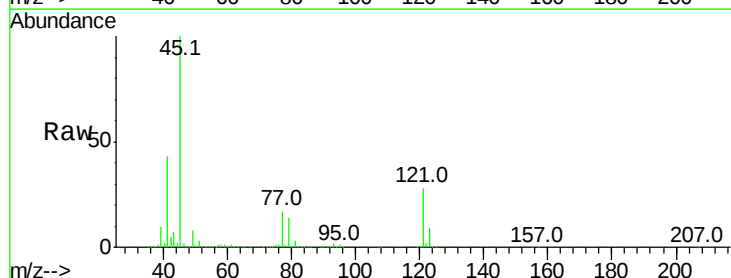
Tgt Ion: 45 Resp: 1830269

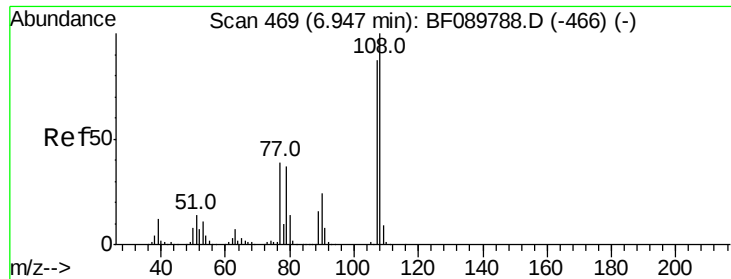
Ion Ratio Lower Upper

45 100

77 17.3 0.0 33.5

79 14.0 0.0 30.7





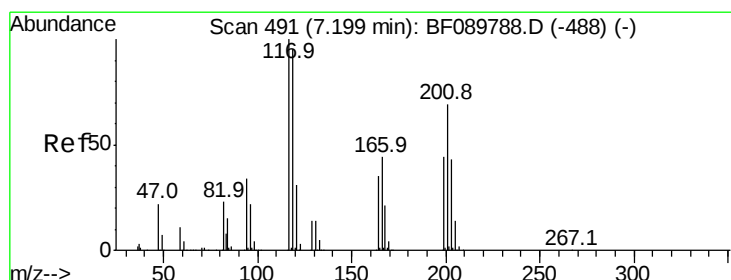
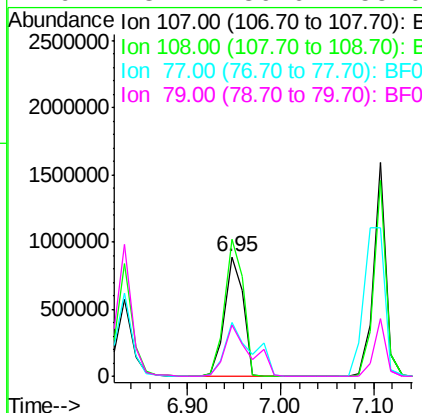
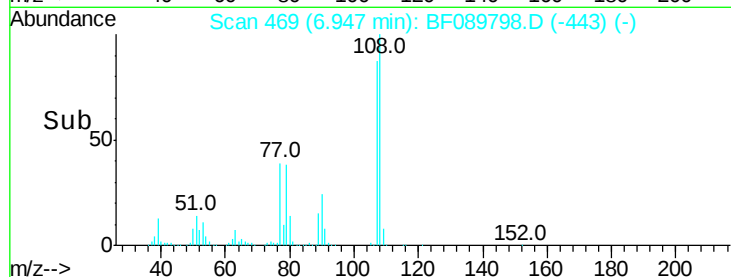
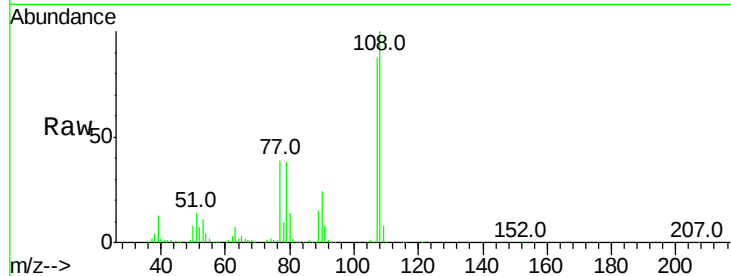
#17
2-Methylphenol
Concen: 40.02 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tot Ion:	107	Resp:	1243480
Ion	Ratio	Lower	Upper
107	100		
108	115.2	91.0	136.4
77	44.9	37.4	56.0
79	43.4	36.6	55.0

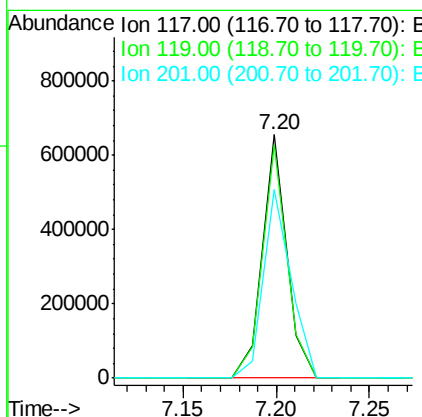
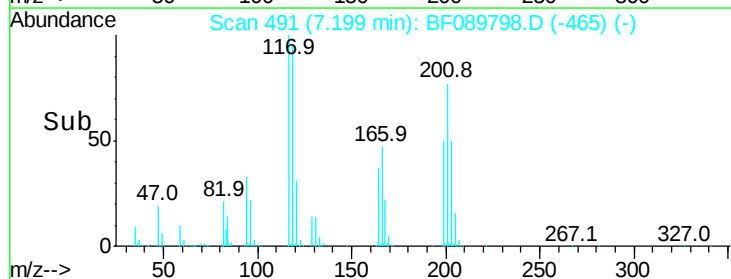
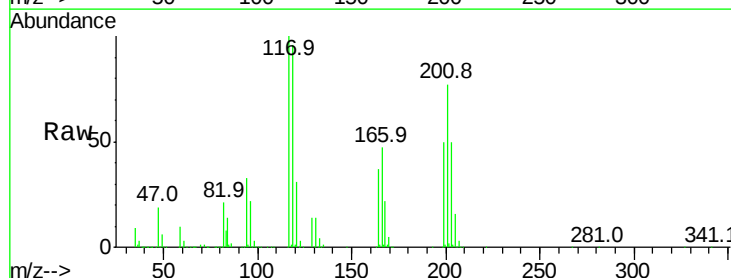
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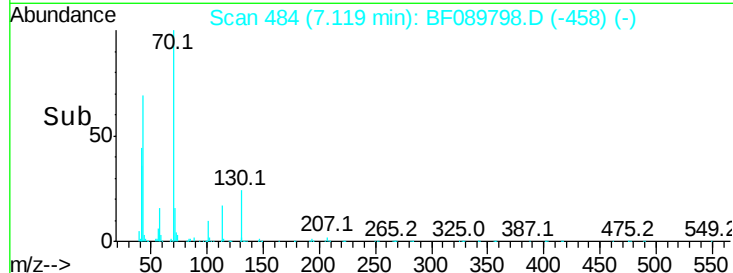
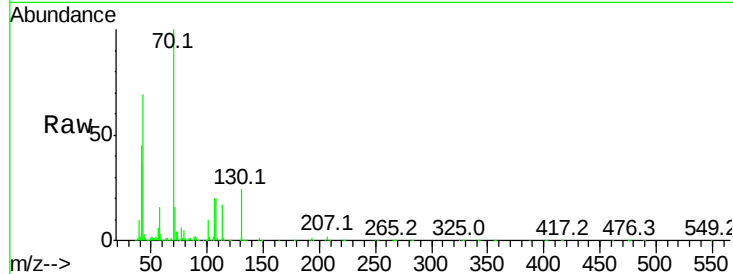
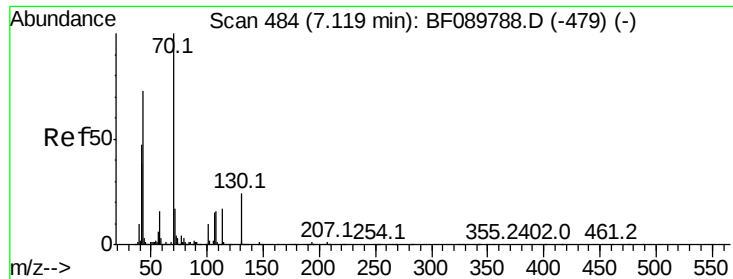
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#18
Hexachloroethane
Concen: 38.85 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion:	117	Resp:	590675
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.1	115.7
201	77.5	76.9	115.3





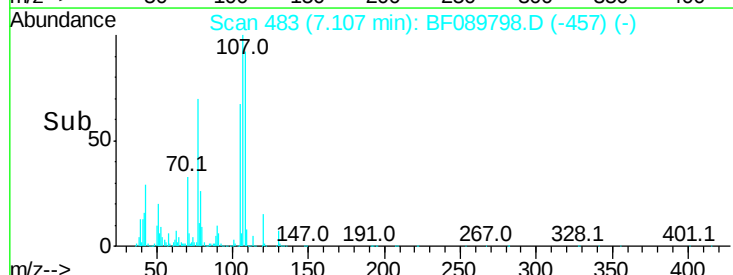
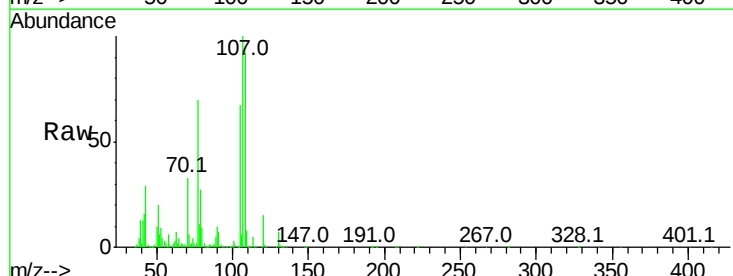
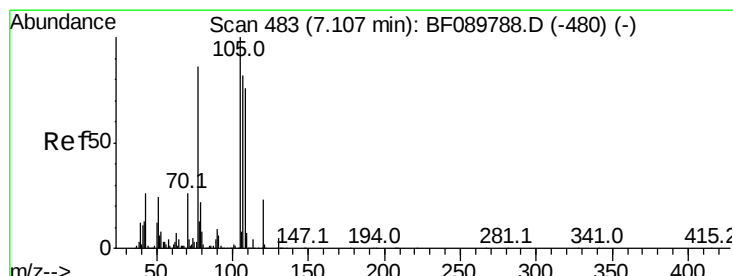
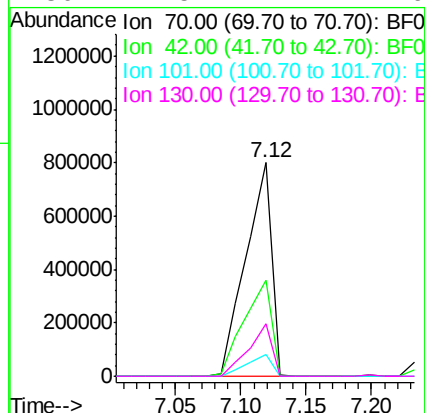
#19
n-Nitroso-di-n-propylamine
Concen: 42.60 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.8	46.3	69.5#
101	10.2	7.0	10.6
130	24.5	14.4	21.6#

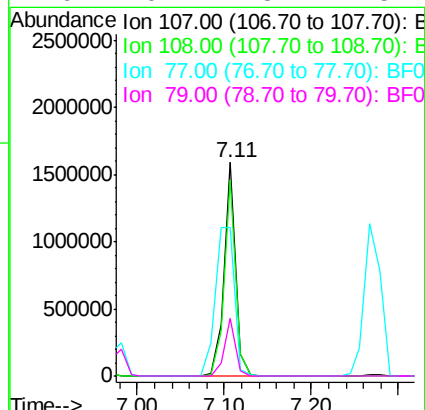
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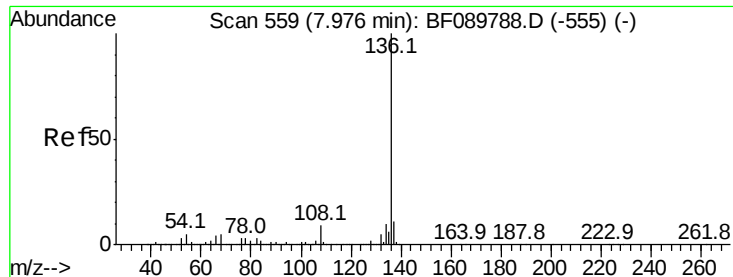
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#20
3+4-Methylphenols
Concen: 38.93 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	69.7	122.3	162.3#
79	26.7	8.2	48.2





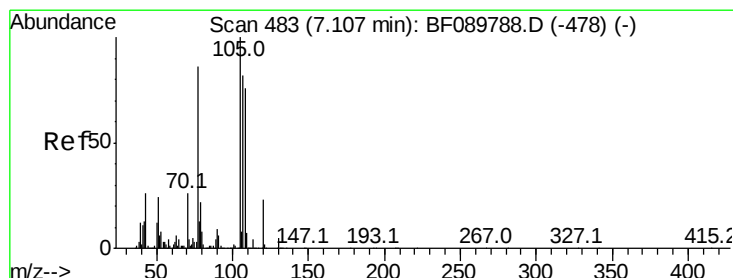
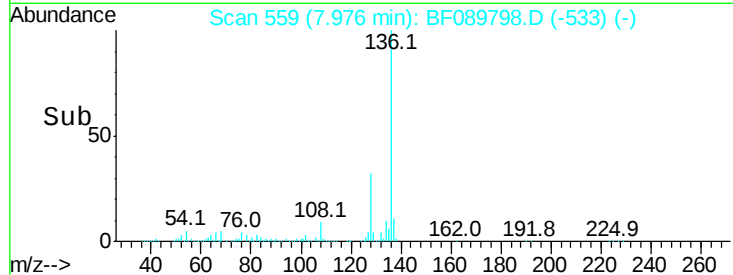
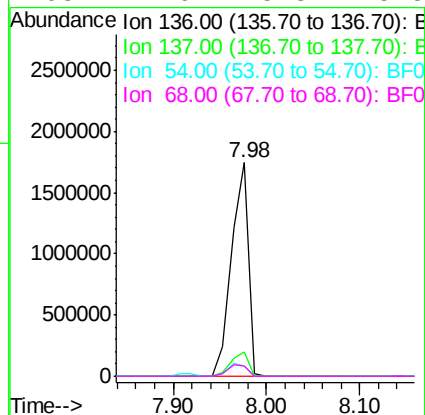
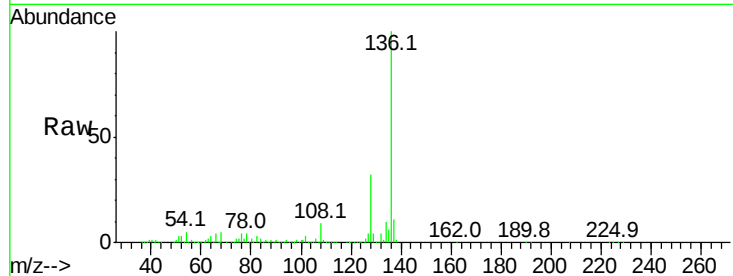
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

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

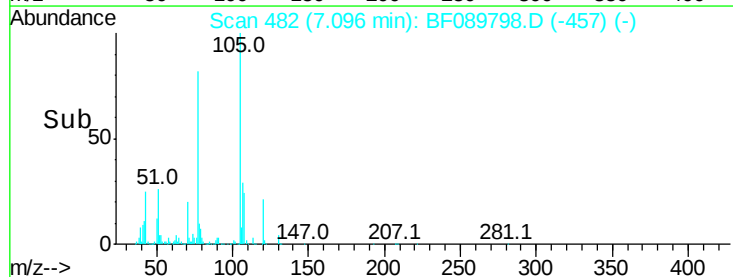
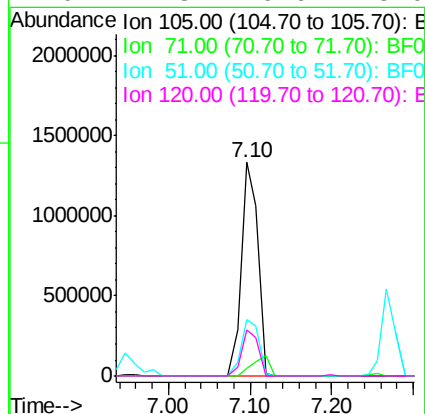
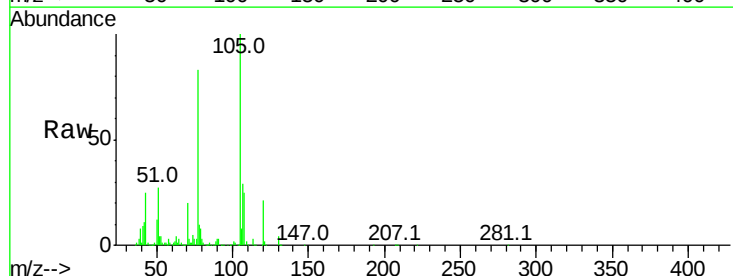
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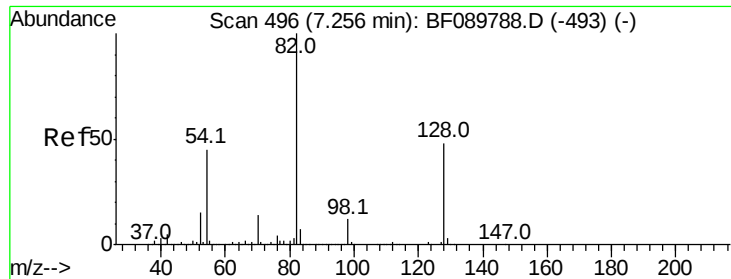
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#22
Acetophenone
Concen: 36.71 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.4	1.9	2.9#
51	26.5	28.5	42.7#
120	21.3	16.6	25.0





#23

Nitrobenzene-d5

Concen: 84.58 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tot Ion: 82 Resp: 3012774

Ion Ratio Lower Upper

82 100

128 49.7 34.4 51.6

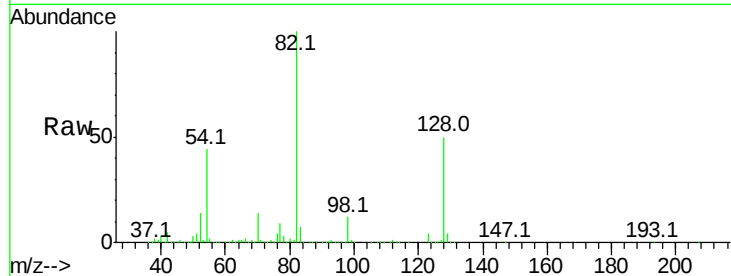
54 44.0 40.3 60.5

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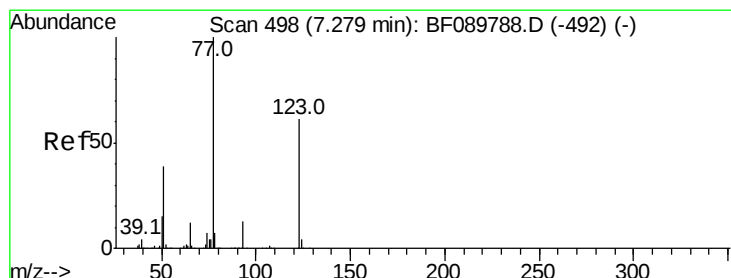
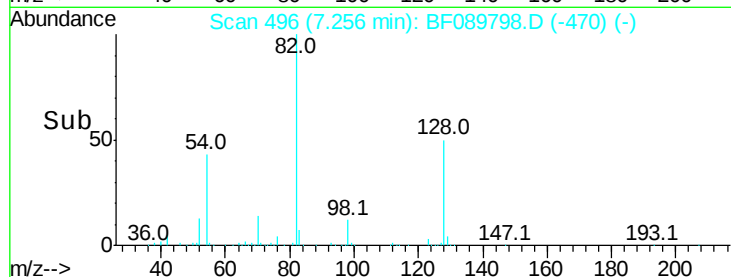
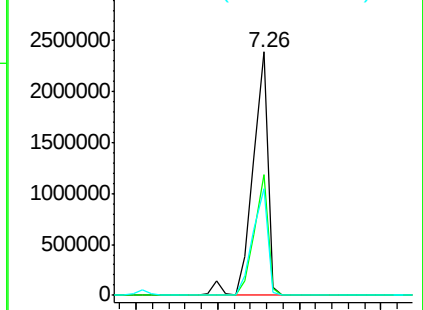
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.73 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

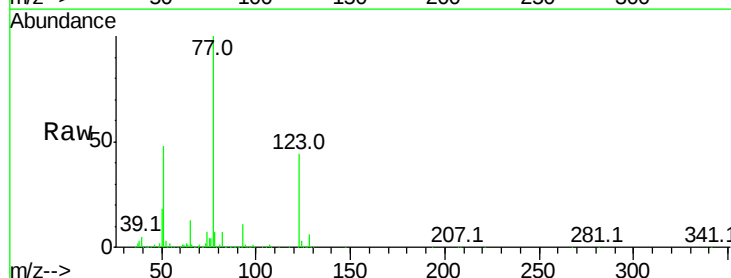
Tgt Ion: 77 Resp: 1467831

Ion Ratio Lower Upper

77 100

123 44.1 36.2 54.2

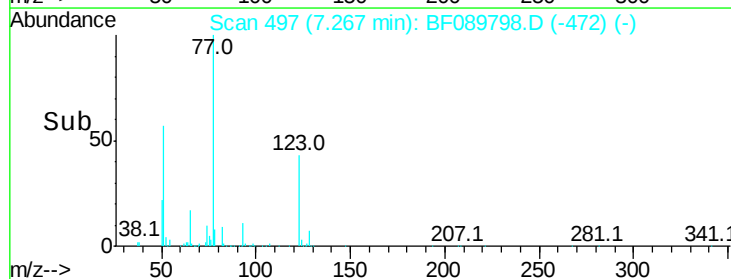
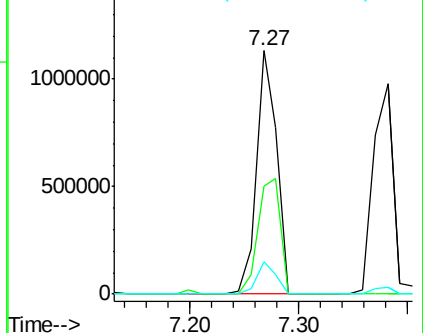
65 13.4 10.6 15.8

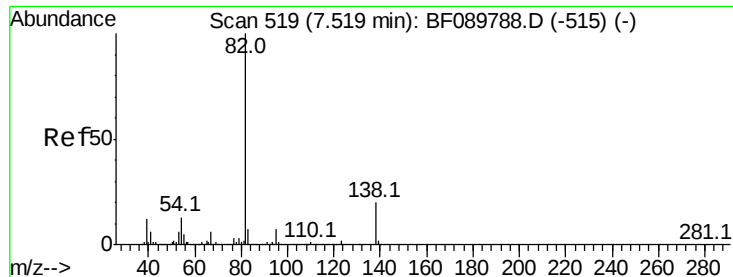


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.28 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

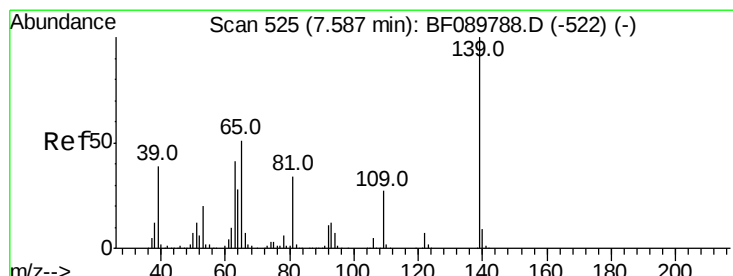
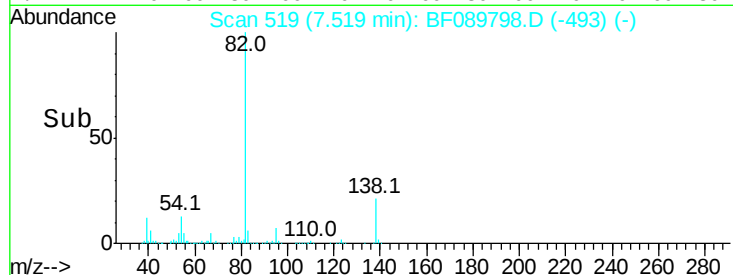
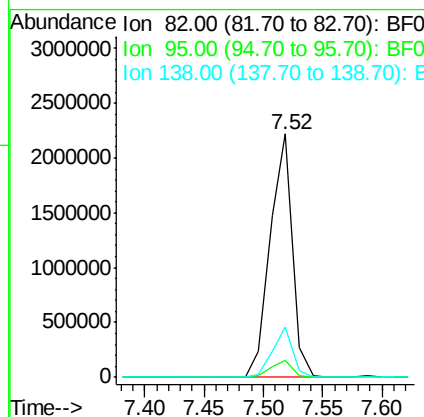
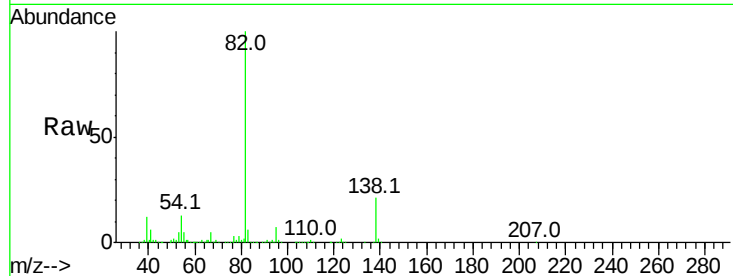
ClientSampleId :

PB92975BSD

Tot Ion:	82	Resp:	2894054
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.3	7.9
138	20.9	13.0	19.4

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#26

2-Nitrophenol

Concen: 40.07 ng

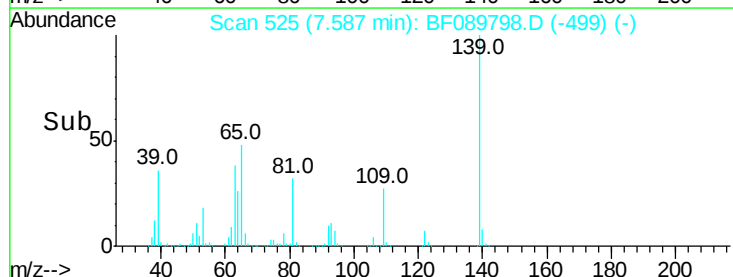
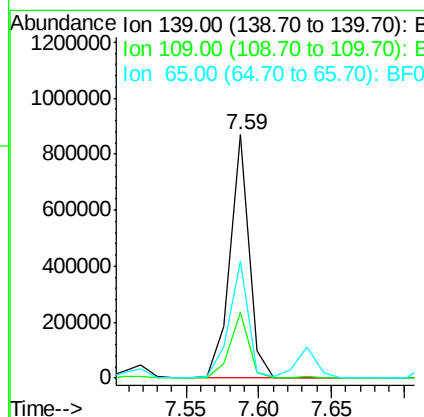
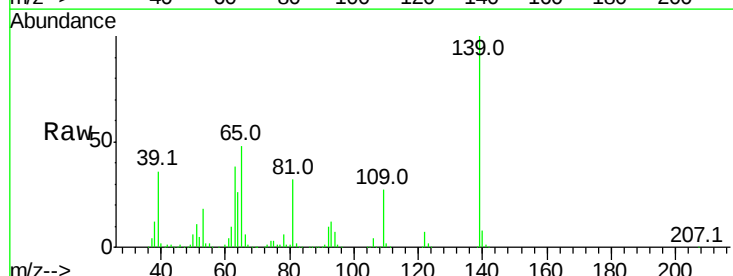
RT: 7.59 min Scan# 525

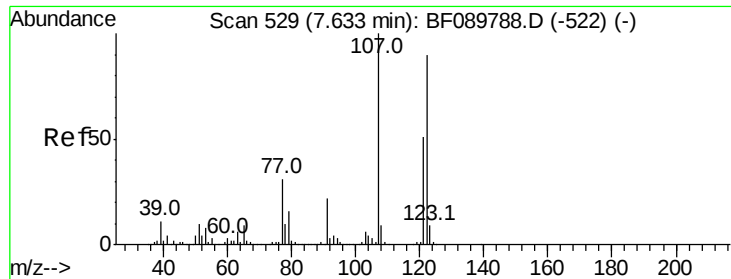
Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Tgt Ion:	139	Resp:	798985
Ion	Ratio	Lower	Upper
139	100		
109	26.8	19.5	29.3
65	47.8	26.5	39.7





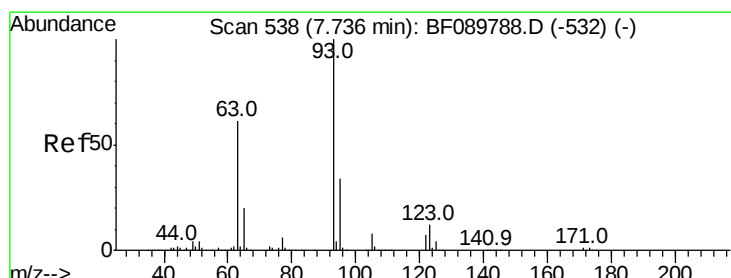
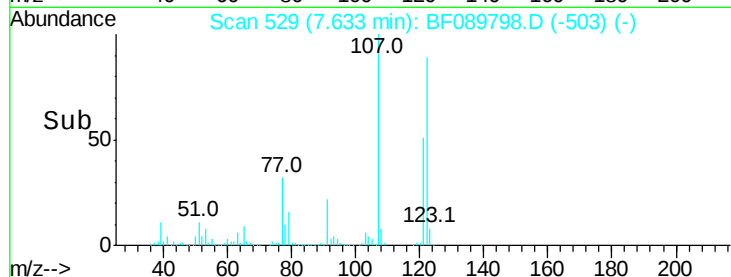
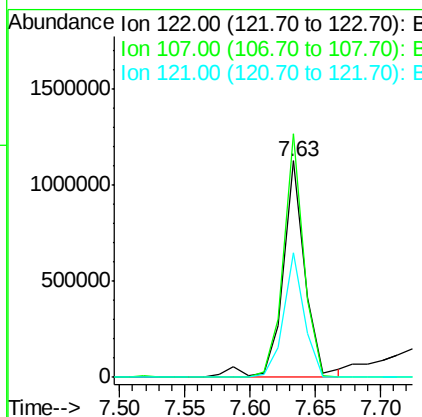
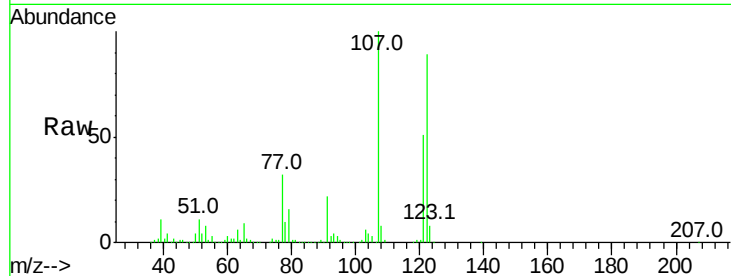
#27
2,4-Dimethylphenol
Concen: 37.64 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tot Ion:122 Resp: 1352825
Ion Ratio Lower Upper
122 100
107 112.5 84.8 127.2
121 57.7 47.0 70.6

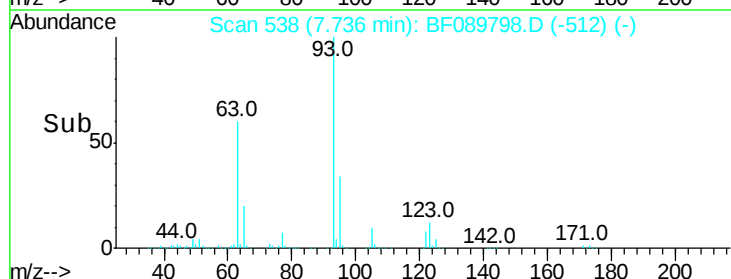
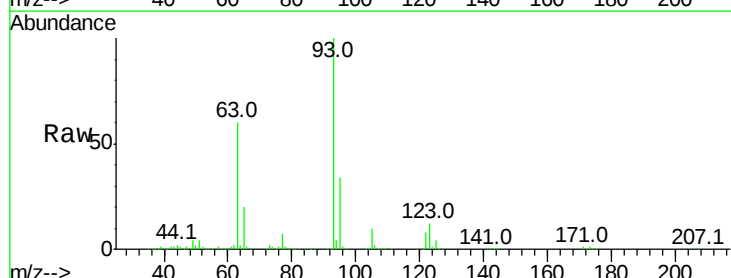
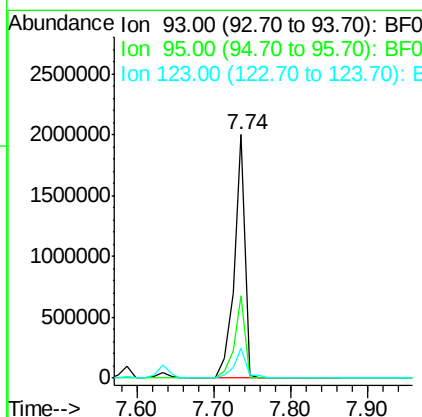
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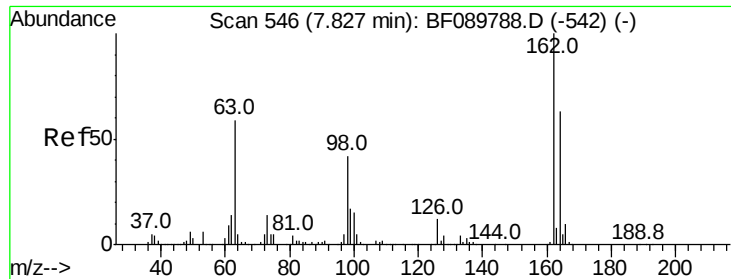
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#28
bis(2-Chloroethoxy)methane
Concen: 44.73 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion: 93 Resp: 1988188
Ion Ratio Lower Upper
93 100
95 33.9 25.5 38.3
123 12.4 8.5 12.7





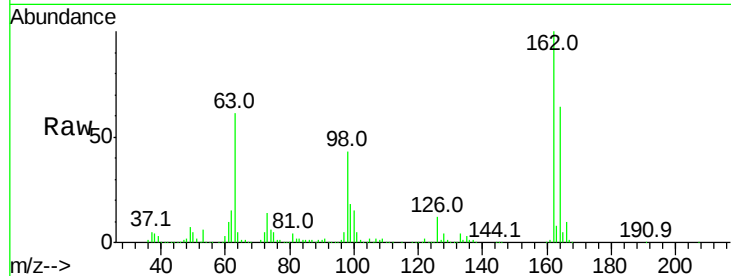
#29
 2,4-Dichlorophenol
 Concen: 39.12 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Instrument :
 BNA_F
 ClientSampled :
 PB92975BSD

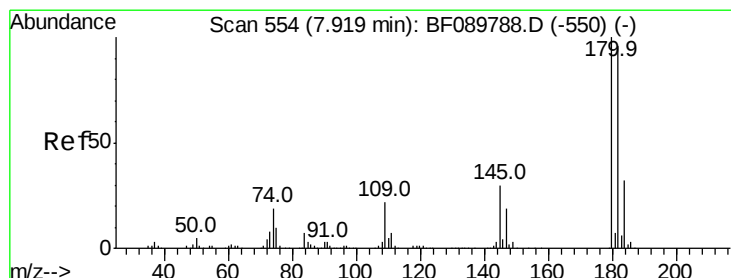
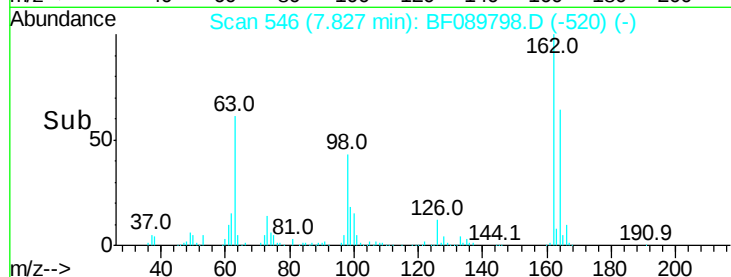
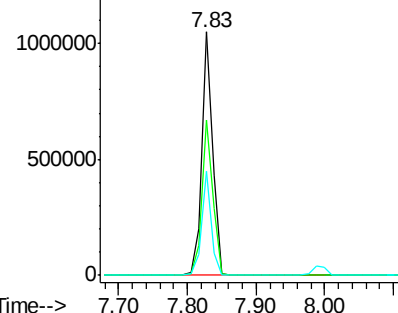
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.5	85.5
98	42.6	12.4	52.4

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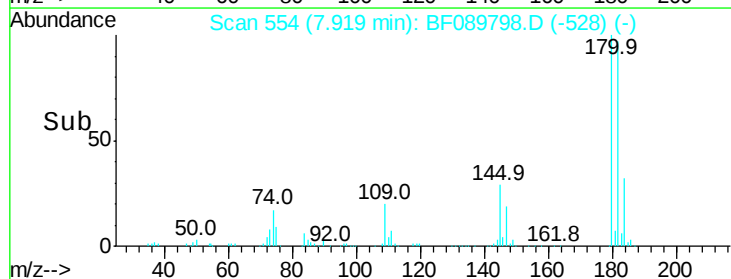
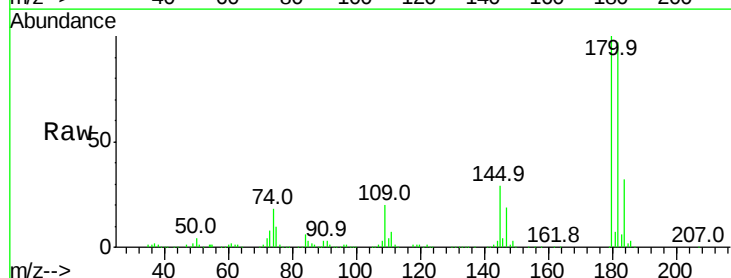
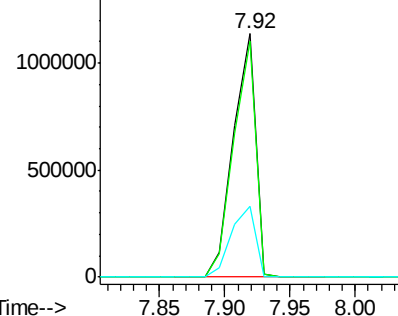
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

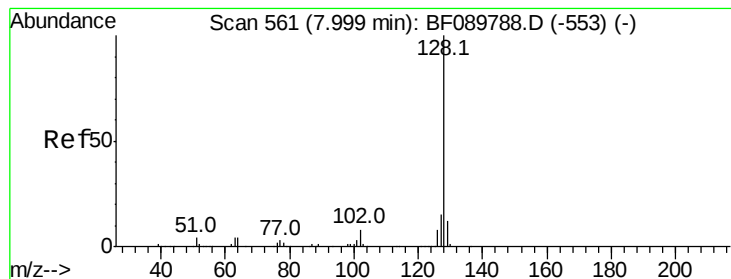


#30
 1,2,4-Trichlorobenzene
 Concen: 40.58 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.5	113.3
145	29.0	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: 40.60 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tot Ion:128 Resp: 4199331

Ion Ratio Lower Upper

128 100

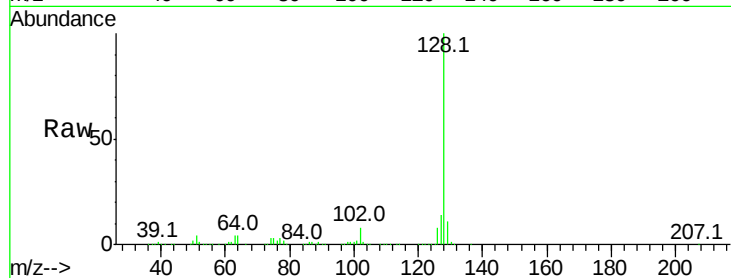
129 11.5 9.5 14.3

127 14.1 11.3 16.9

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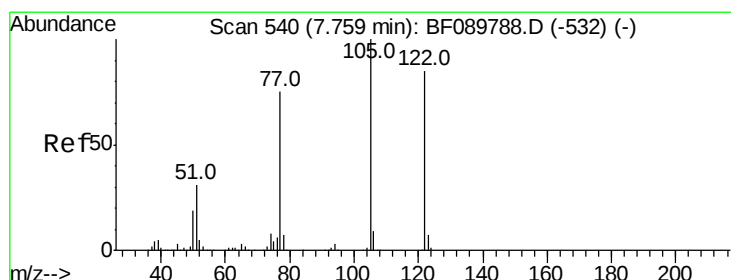
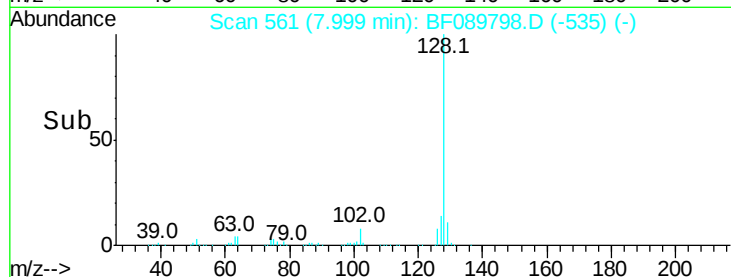
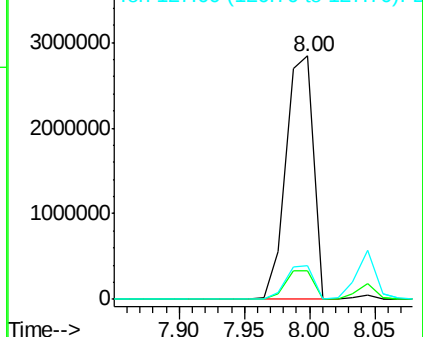
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.45 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

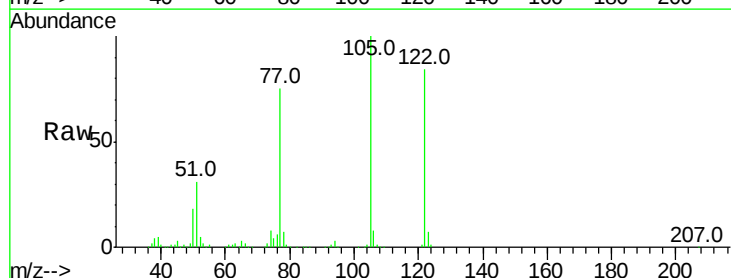
Tgt Ion:122 Resp: 824647

Ion Ratio Lower Upper

122 100

105 118.7 100.8 140.8

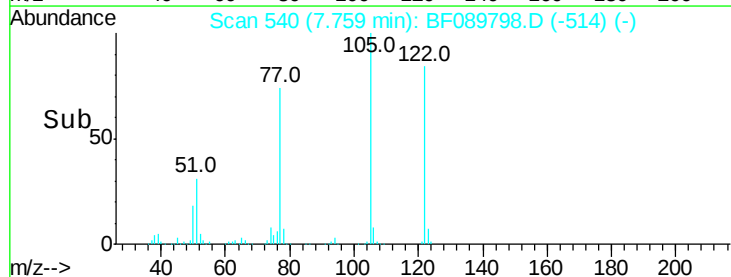
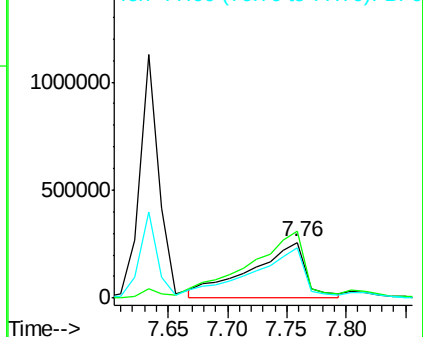
77 89.2 72.1 112.1

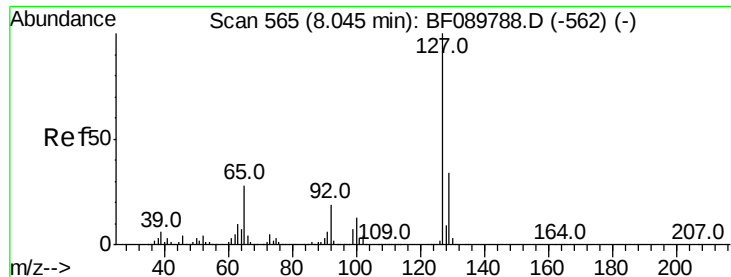


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





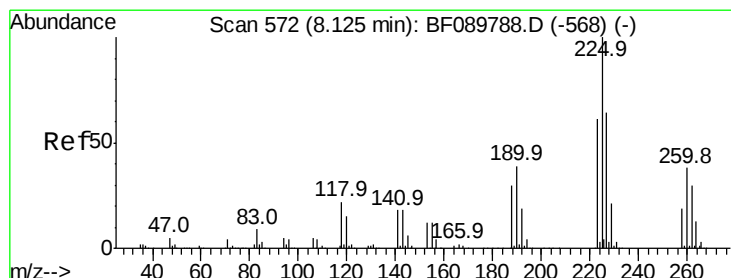
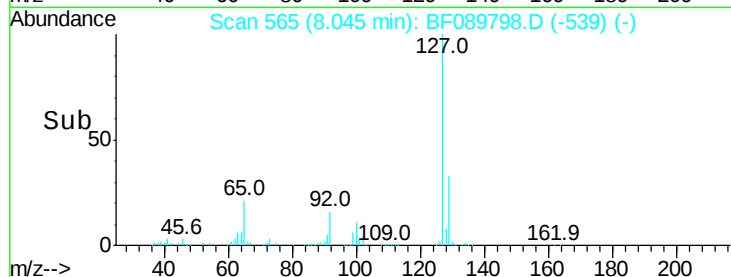
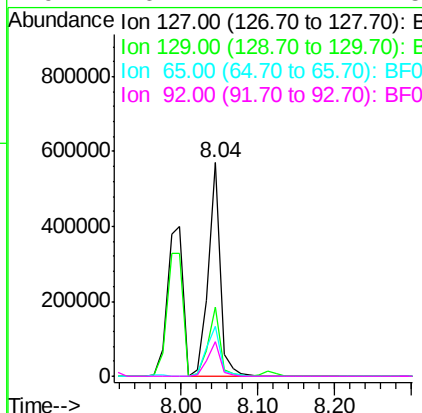
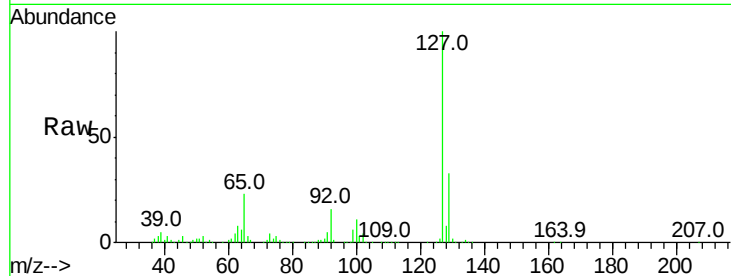
#33
4-Chloroaniline
Concen: 13.56 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	27.0	40.6	
65	23.2	14.7	22.1	
92	16.2	11.7	17.5	

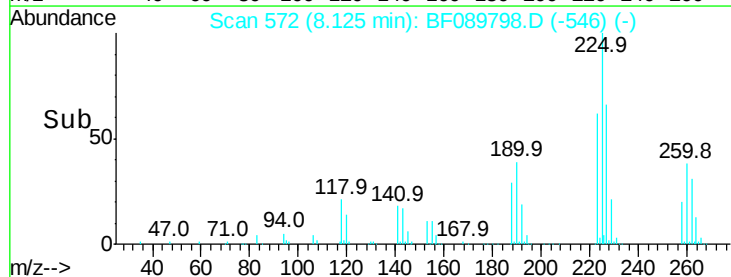
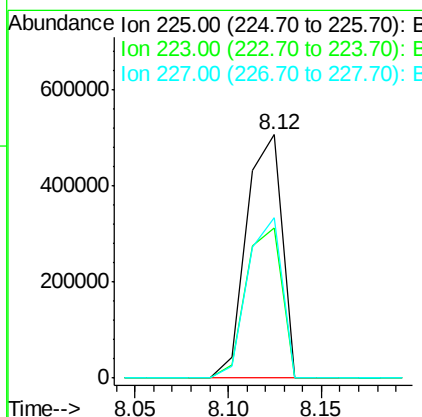
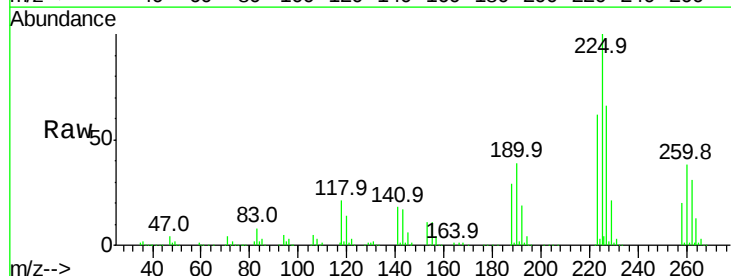
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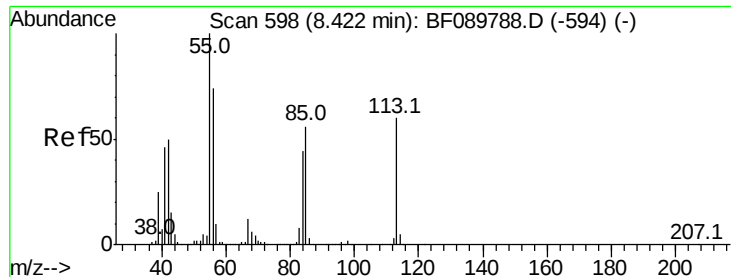
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#34
Hexachlorobutadiene
Concen: 38.59 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	51.0	76.6	
227	65.7	49.8	74.6	





#35

Caprolactam

Concen: 44.99 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

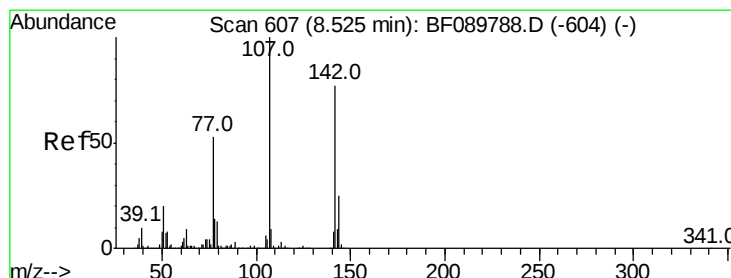
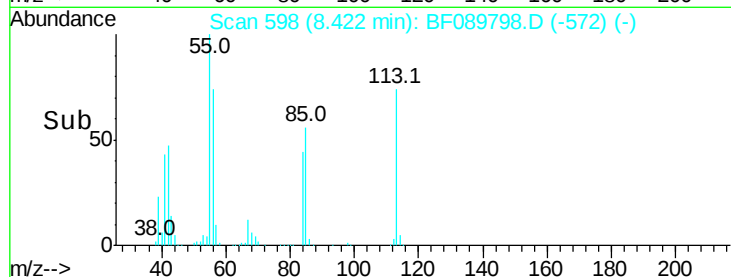
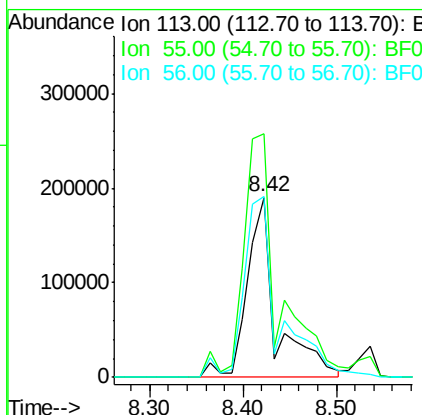
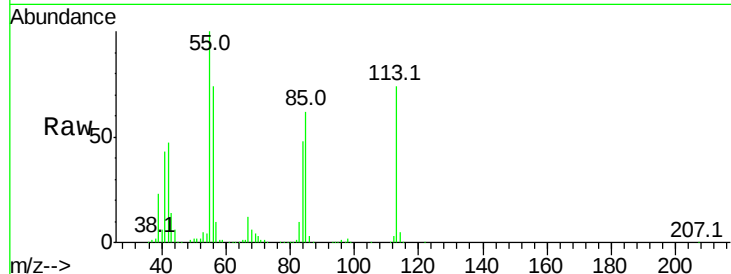
ClientSampleId :

PB92975BSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	135.1	135.9	175.9#	
56	100.2	93.9	133.9	

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#36

4-Chloro-3-methylphenol

Concen: 41.71 ng

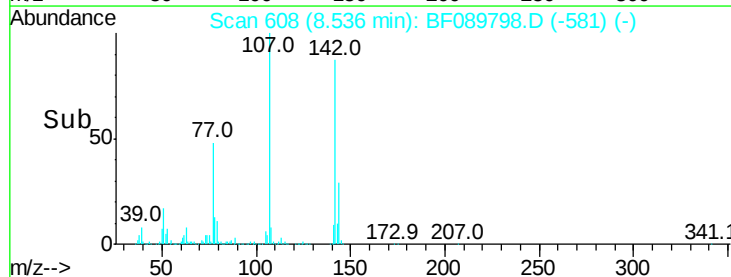
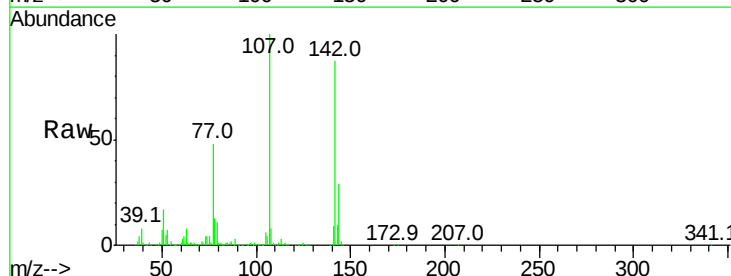
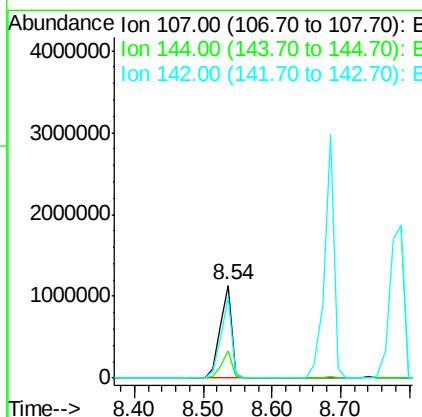
RT: 8.54 min Scan# 608

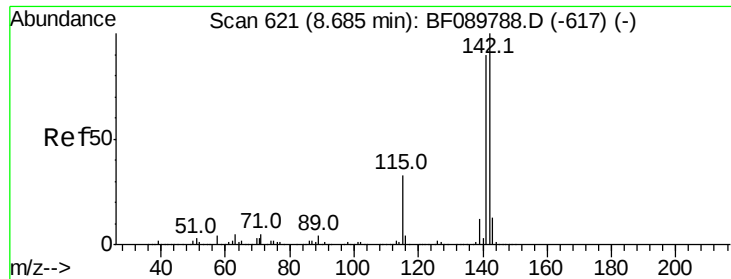
Delta R.T. 0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	29.0	22.6	34.0	
142	87.0	69.3	103.9	





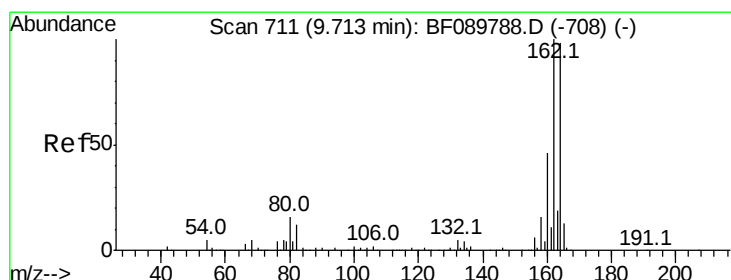
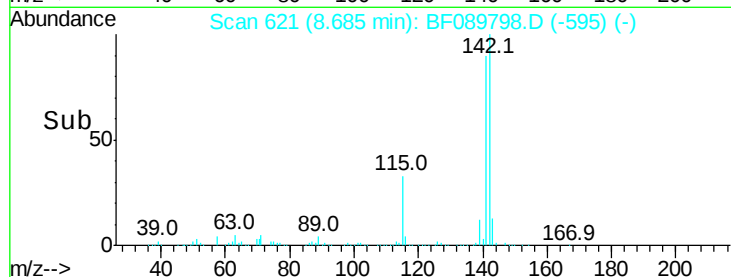
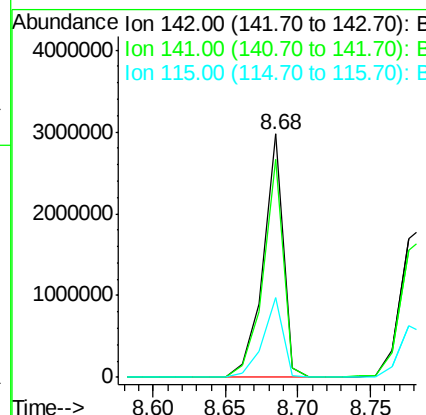
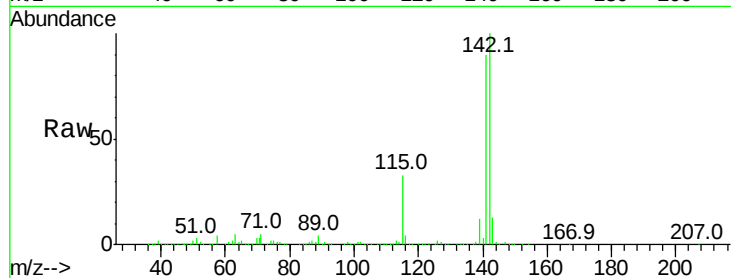
#37
2-Methylnaphthalene
Concen: 42.62 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	32.9	22.7	34.1

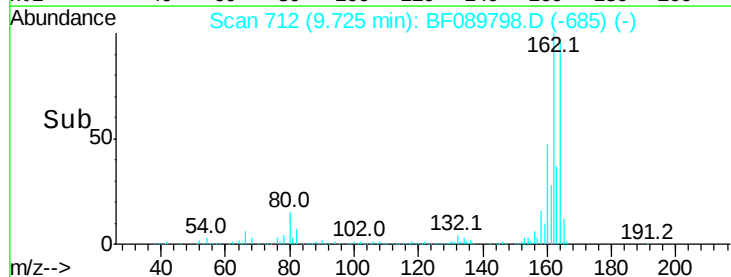
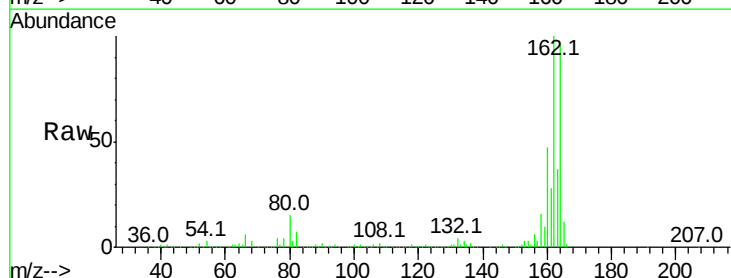
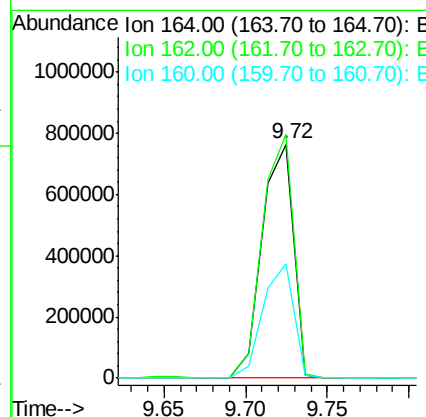
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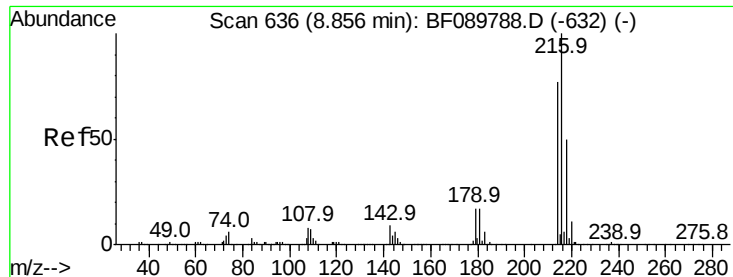
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.4	122.2
160	48.9	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.29 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

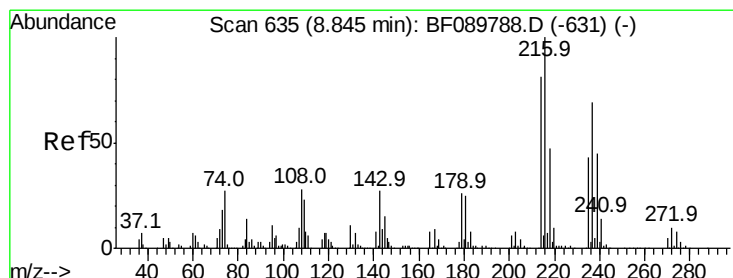
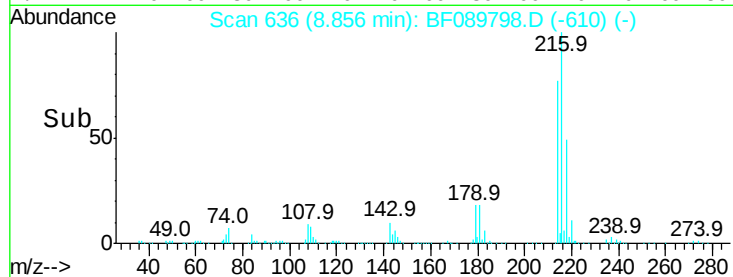
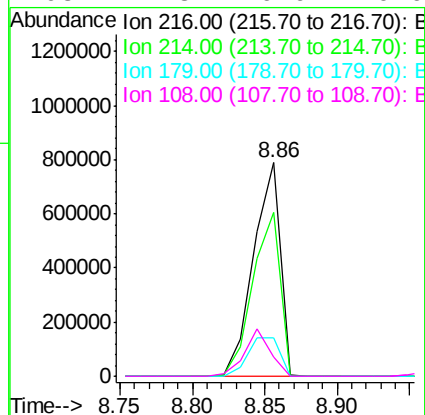
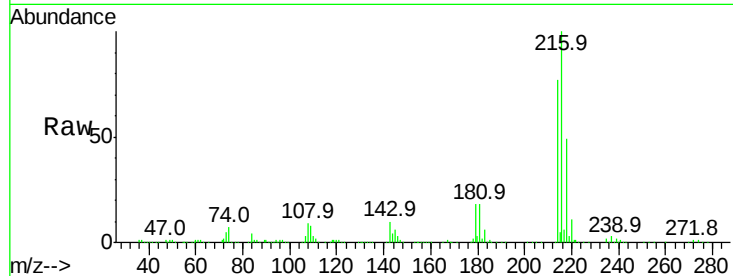
ClientSampleId :

PB92975BSD

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Tot Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.5	95.3
179	21.5	19.9	29.9
108	21.3	19.9	29.9



#40

Hexachlorocyclopentadiene

Concen: 98.05 ng

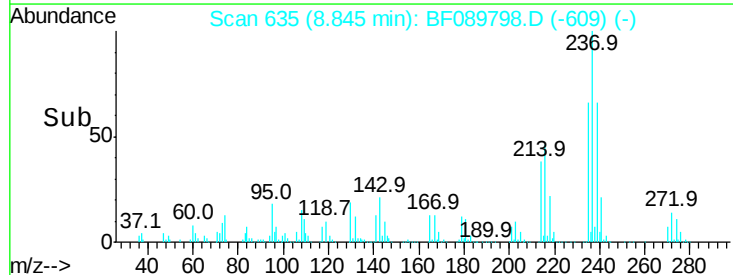
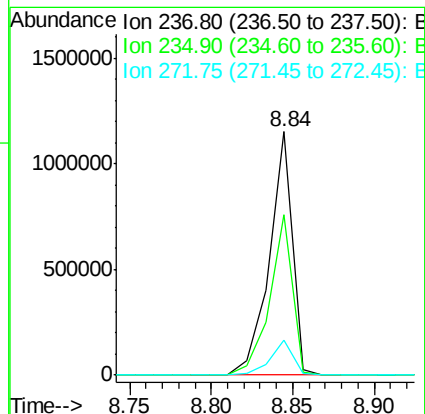
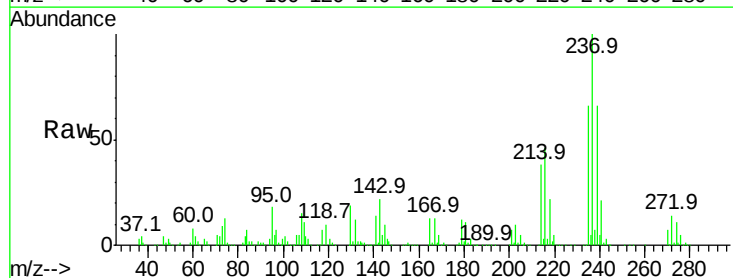
RT: 8.84 min Scan# 635

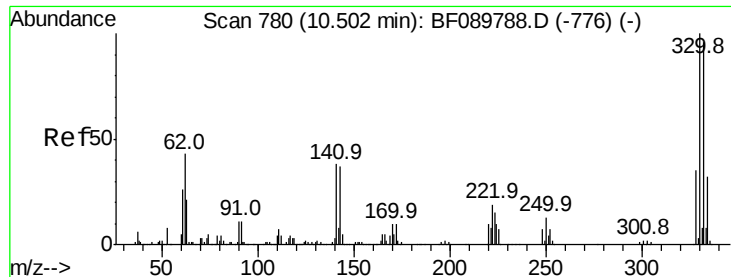
Delta R.T. 0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
237	100		
235	66.0	43.7	83.7
272	14.1	0.0	31.6





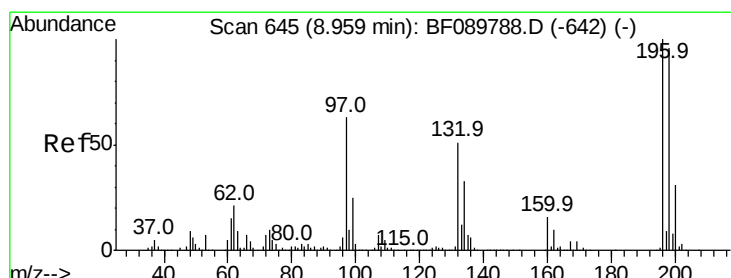
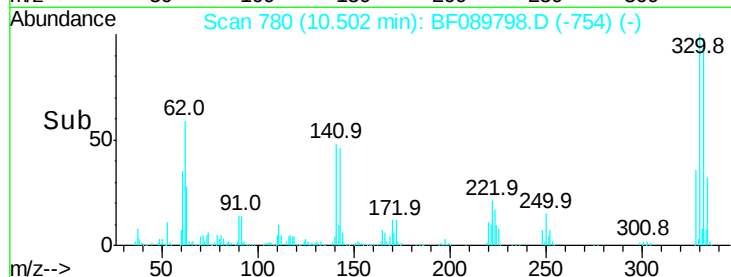
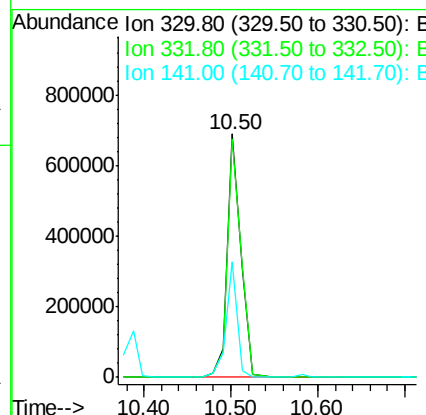
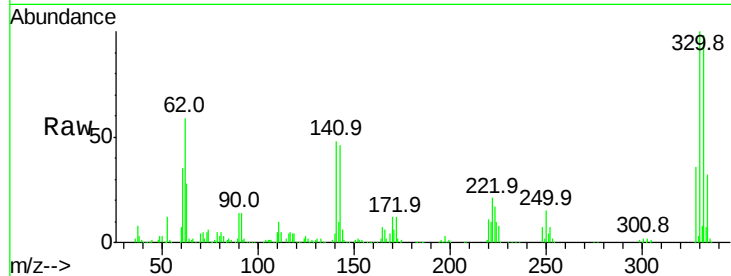
#41
 2,4,6-Tribromophenol
 Concen: 78.09 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Instrument :
 BNA_F
 ClientSampled :
 PB92975BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	761464		
332	98.6	76.7	115.1	
141	39.1	30.2	45.2	

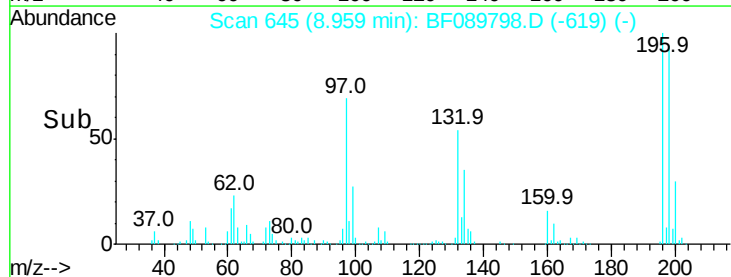
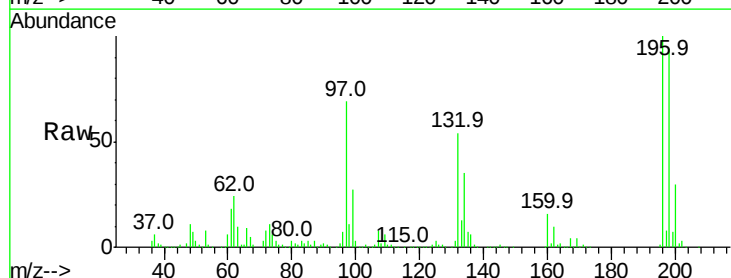
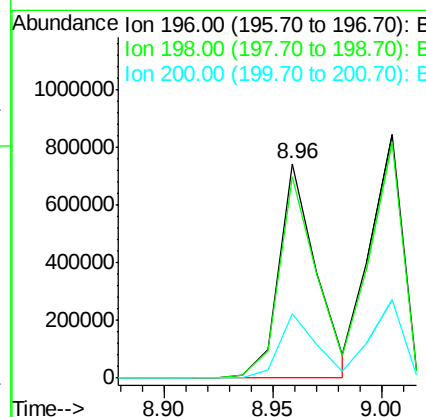
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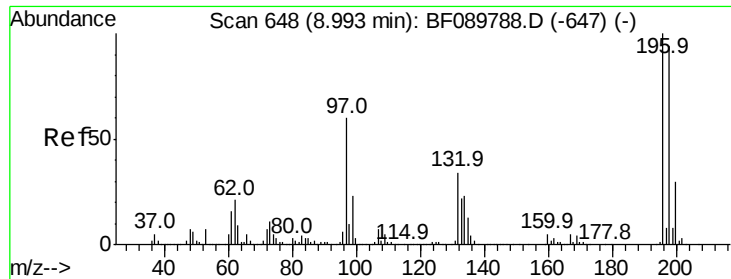
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#42
 2,4,6-Trichlorophenol
 Concen: 42.67 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	891928		
198	94.1	76.3	114.5	
200	30.2	24.6	36.8	





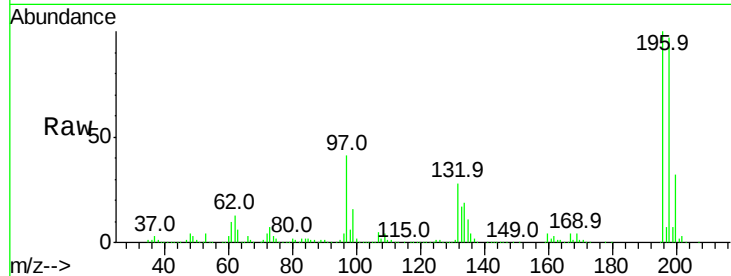
#43
 2,4,5-Trichlorophenol
 Concen: 42.33 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

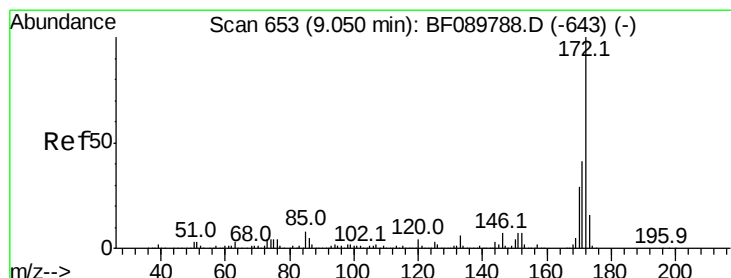
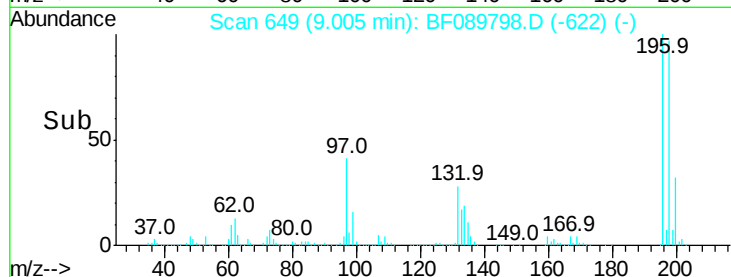
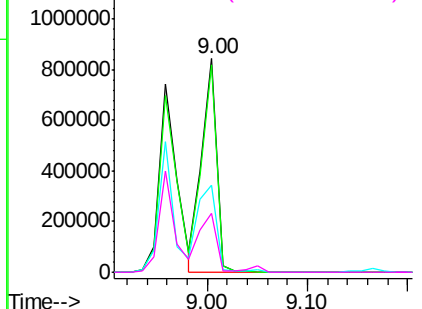
Tot Ion	196	Resp	880088
Ion Ratio	Lower	Upper	
196	100		
198	97.0	76.6	114.8
97	41.0	35.8	53.8
132	27.7	23.5	35.3

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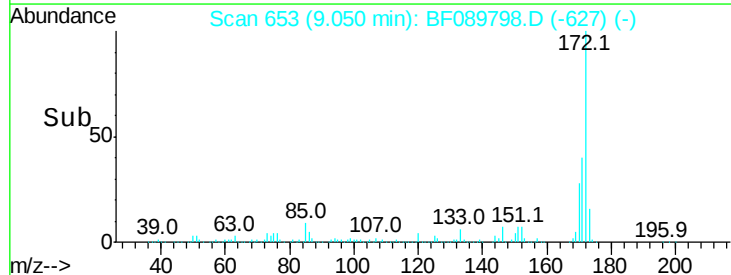
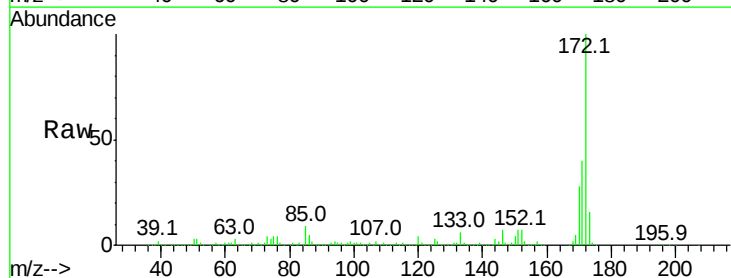
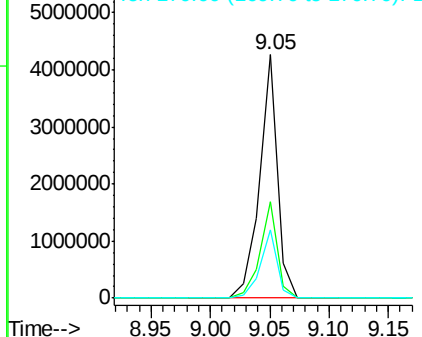
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

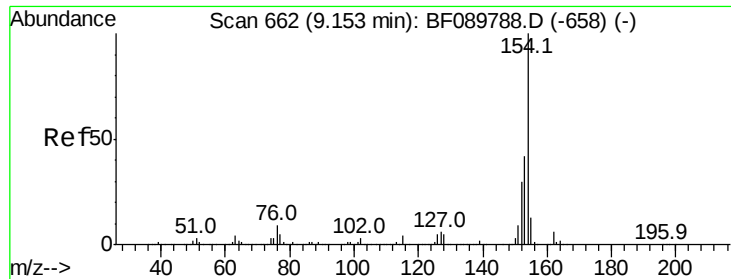


#44
 2-Fluorobiphenyl
 Concen: 76.95 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion	172	Resp	4492379
Ion Ratio	Lower	Upper	
172	100		
171	39.9	30.5	45.7
170	27.9	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





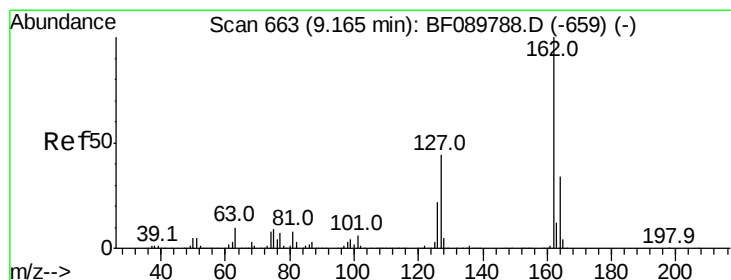
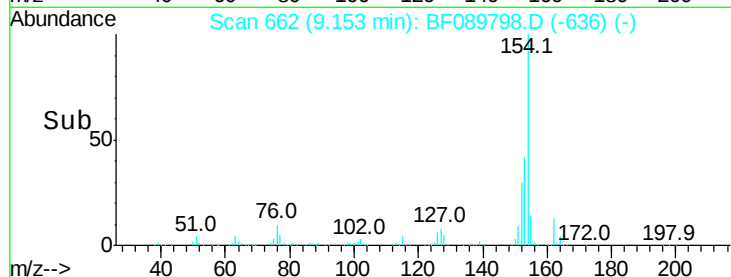
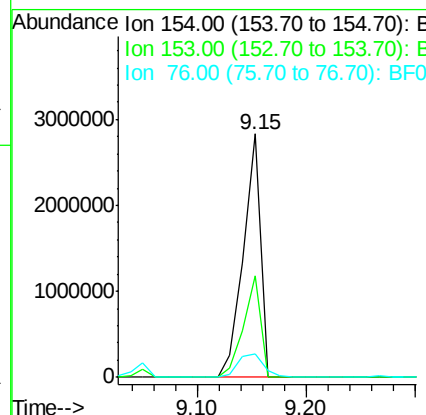
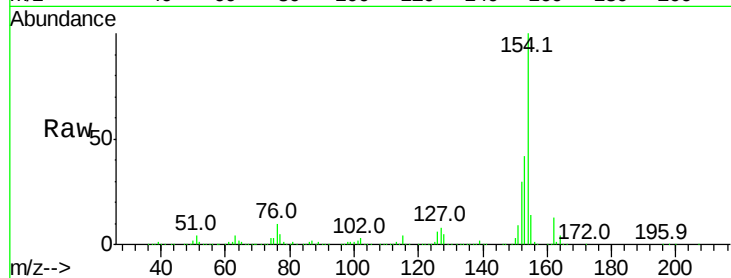
#45
 1,1'-Biphenyl
 Concen: 38.41 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.5	61.5
76	9.7	0.0	36.7

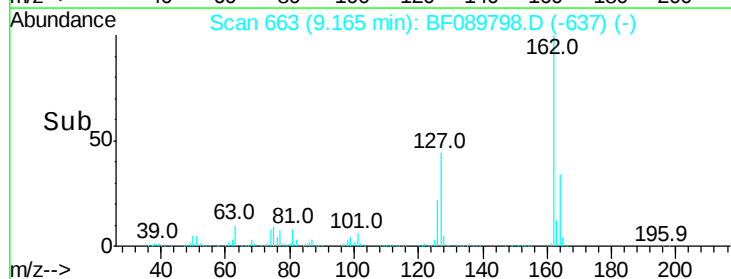
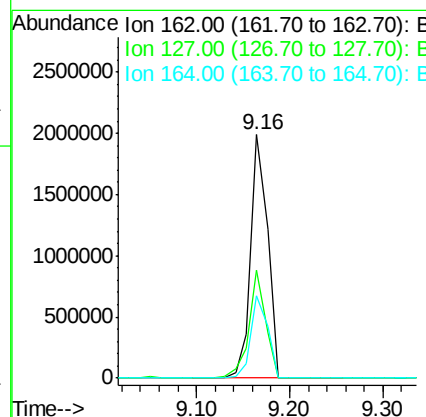
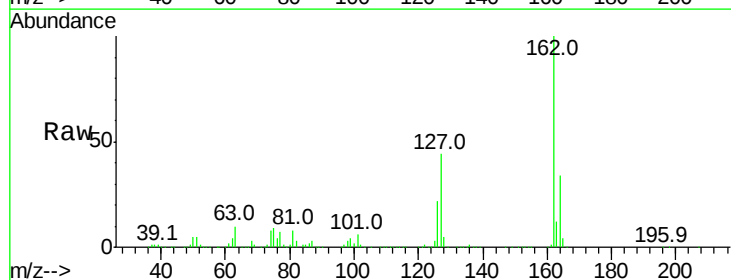
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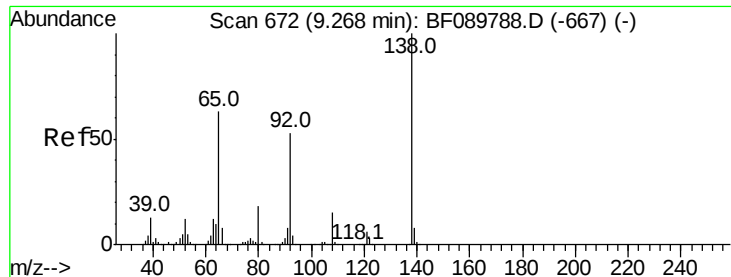
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#46
 2-Chloronaphthalene
 Concen: 39.62 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.1	35.5	53.3
164	33.8	26.6	40.0





#47

2-Nitroaniline

Concen: 49.91 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

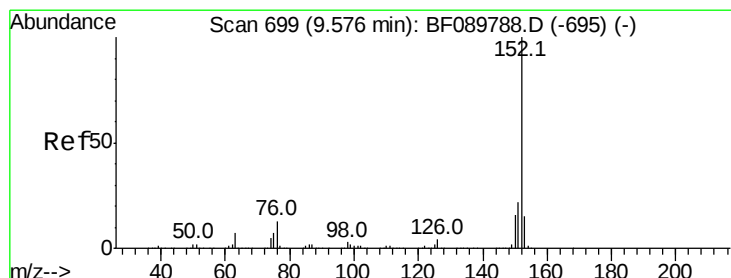
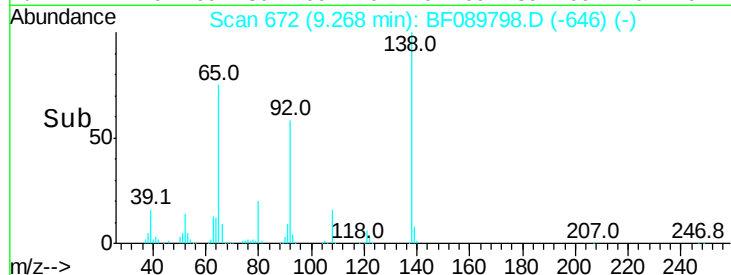
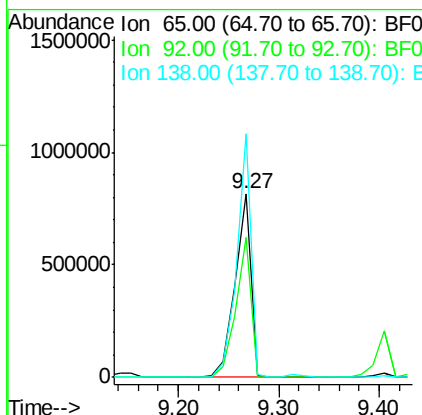
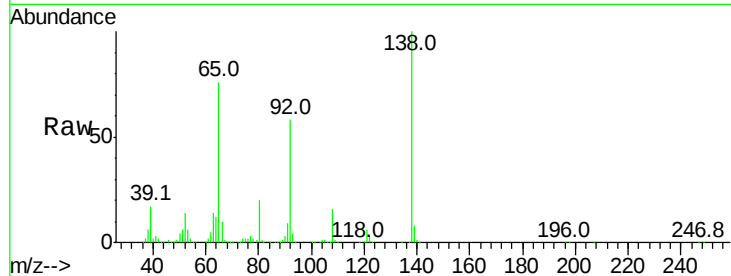
ClientSampled :

PB92975BSD

Tot Ion:	65	Resp:	893446
Ion Ratio	Lower	Upper	
65	100		
92	76.3	56.3	84.5
138	132.3	81.8	122.8#

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#48

Acenaphthylene

Concen: 43.18 ng

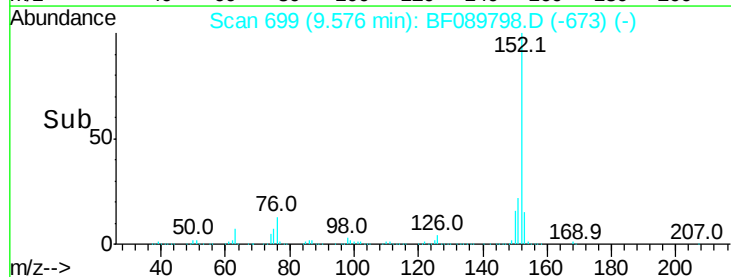
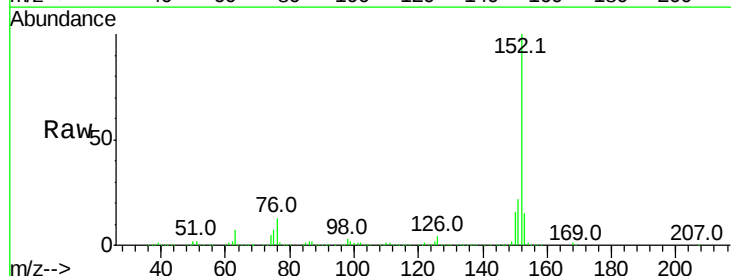
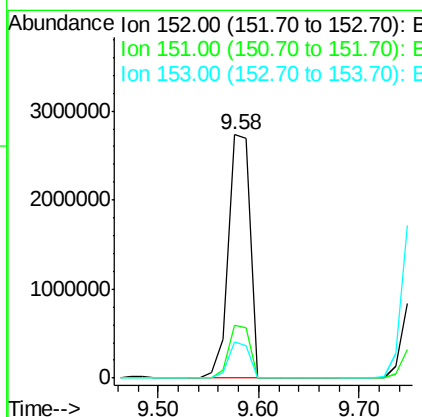
RT: 9.58 min Scan# 699

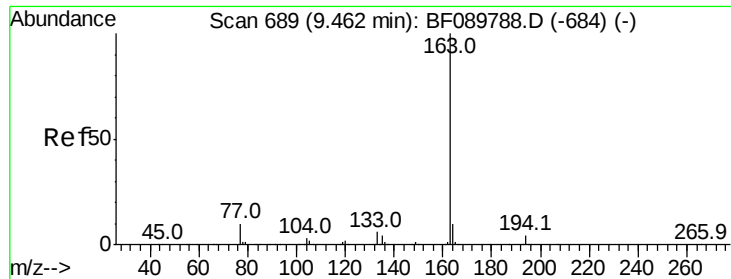
Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Tgt Ion:	152	Resp:	4072325
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.1	25.7
153	14.7	11.2	16.8





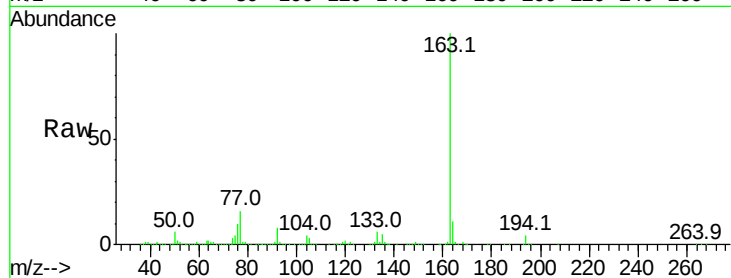
#49
Dimethylphthalate
Concen: 43.99 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

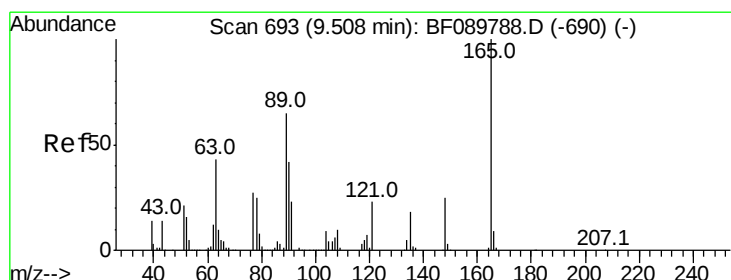
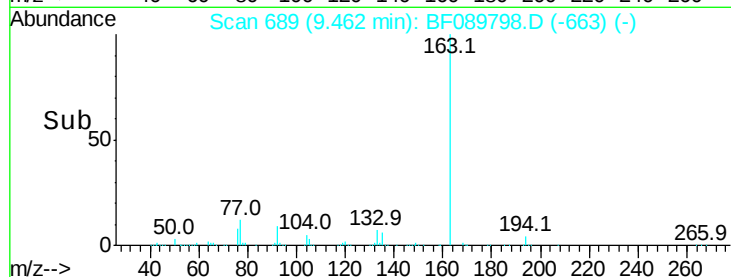
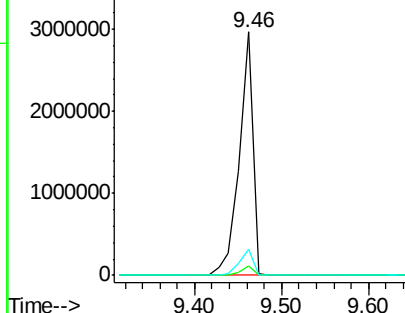
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	3.8#
164	10.8	8.6	12.8

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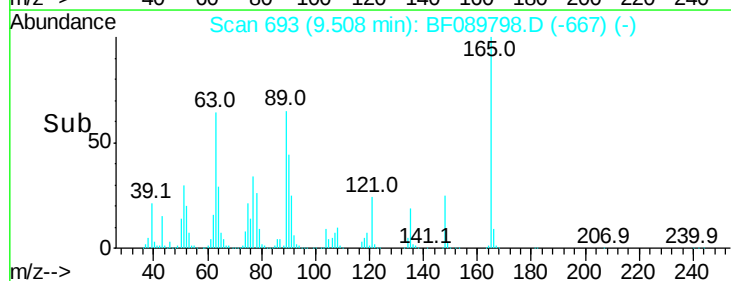
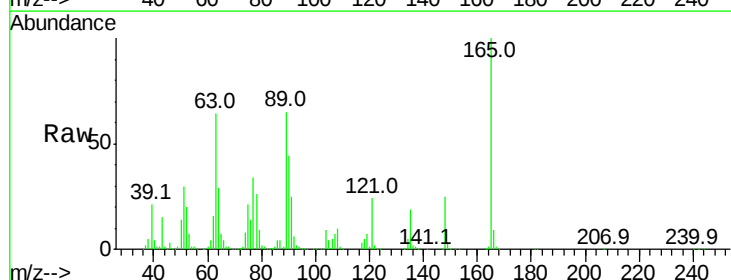
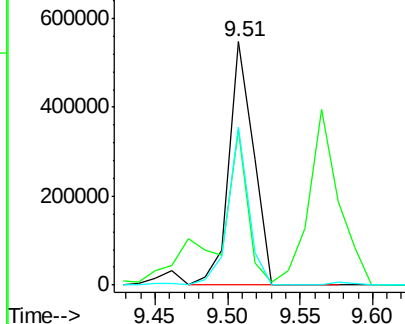
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

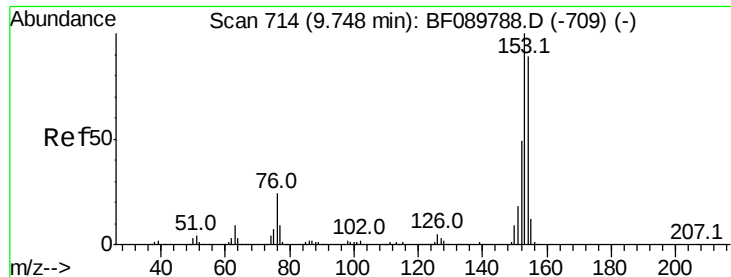


#50
2,6-Dinitrotoluene
Concen: 38.22 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.9	41.7	62.5#
89	64.9	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: 48.45 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tot Ion:154 Resp: 3024462

Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

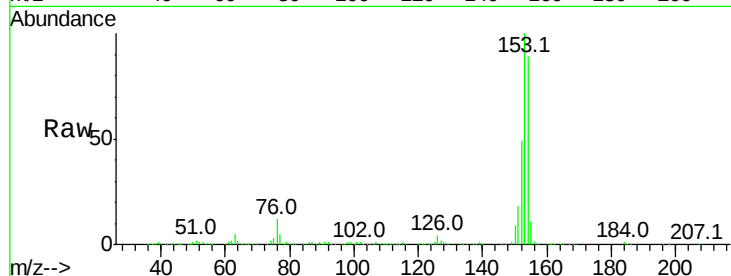
152 55.3 44.6 67.0

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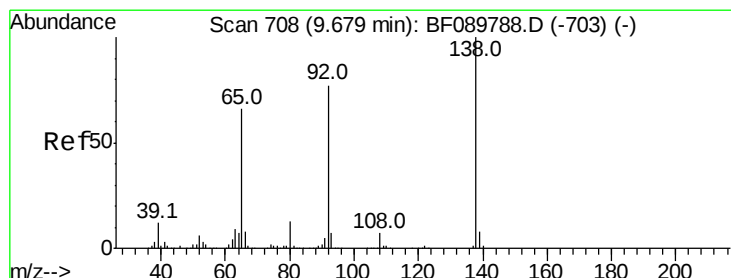
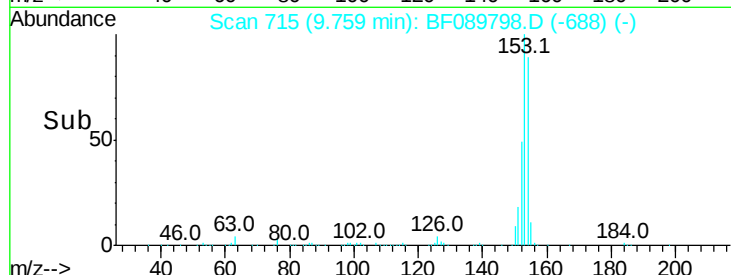
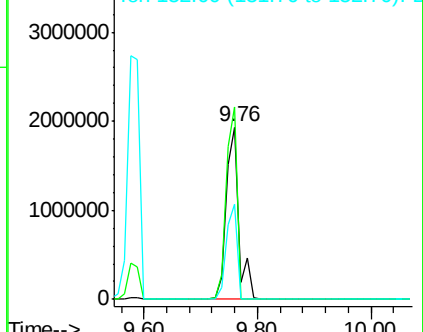
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.76 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

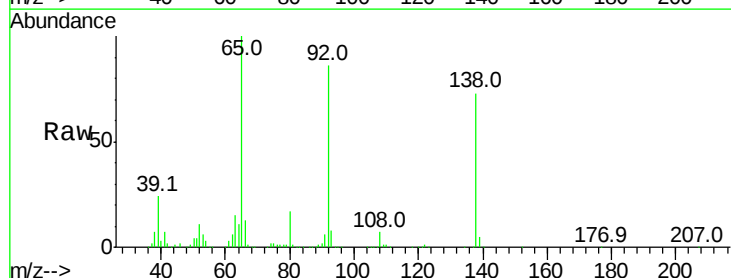
Tgt Ion:138 Resp: 365170

Ion Ratio Lower Upper

138 100

108 9.5 8.1 12.1

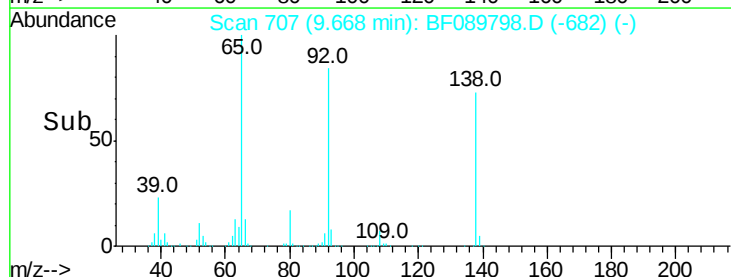
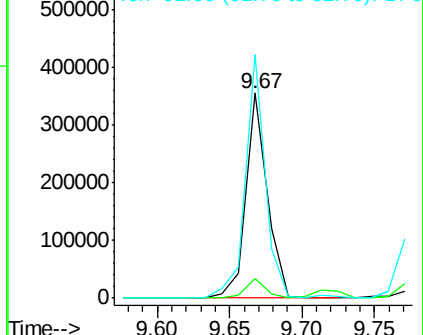
92 118.8 92.7 139.1

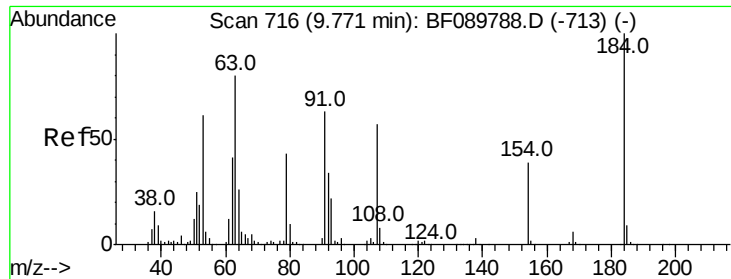


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





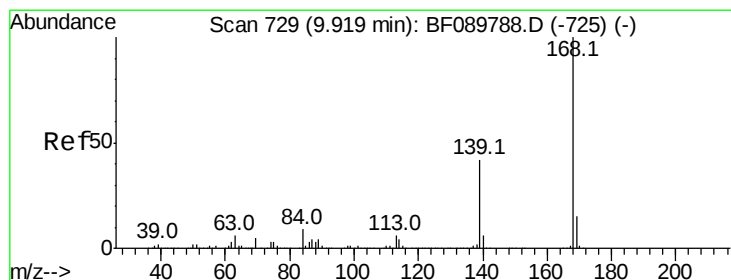
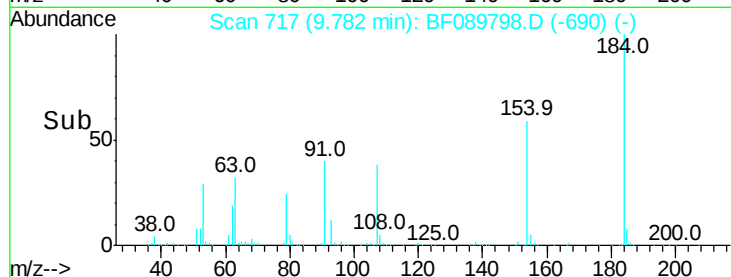
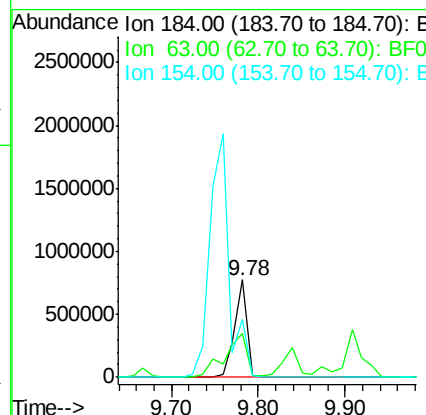
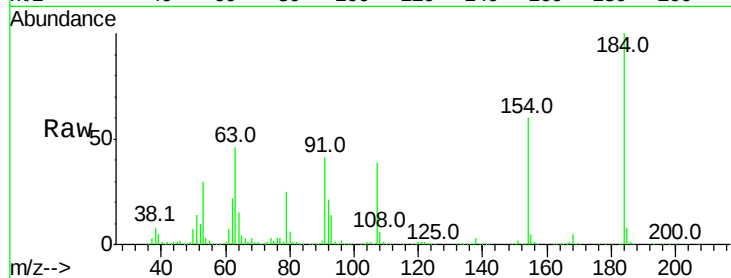
#53
2,4-Dinitrophenol
Concen: 78.24 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampled :
PB92975BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.6	54.2	81.4#
154	59.6	52.7	79.1

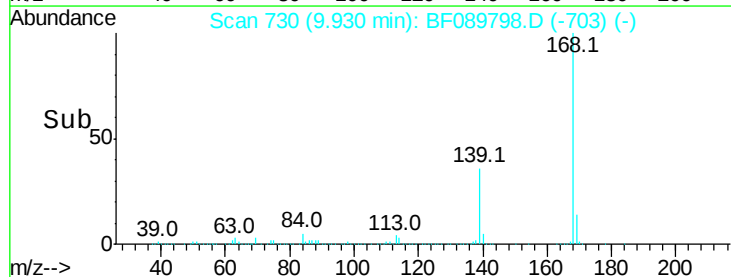
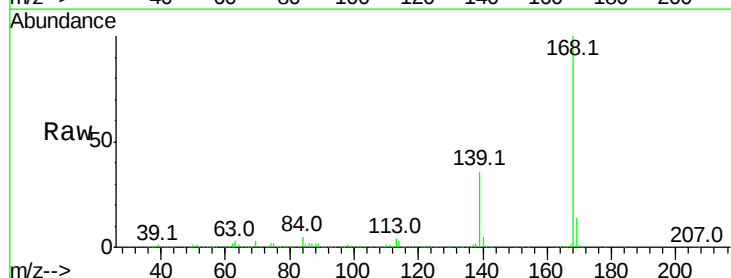
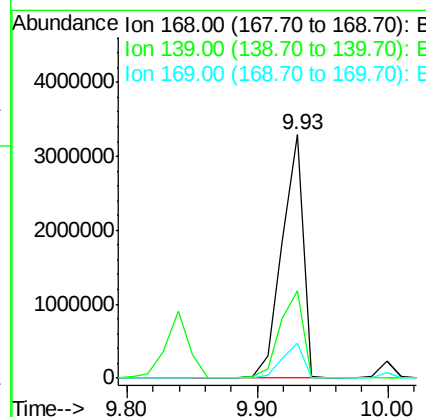
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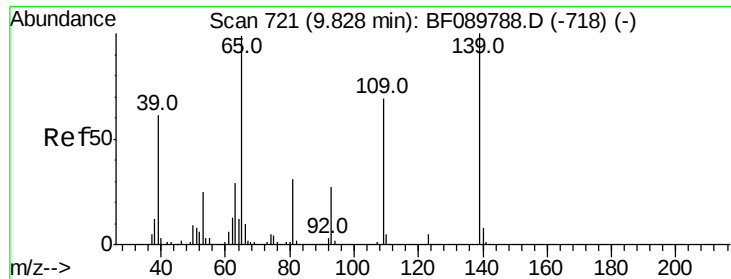
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#54
Dibenzofuran
Concen: 47.92 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.8	34.6	52.0
169	14.2	11.5	17.3





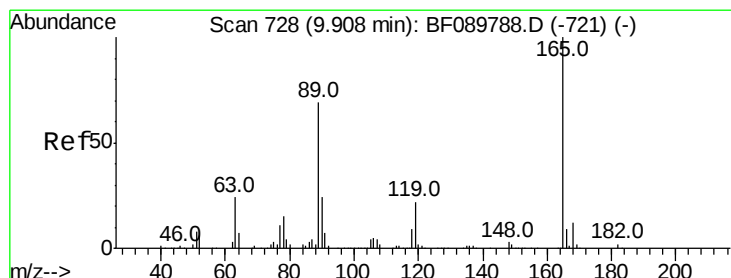
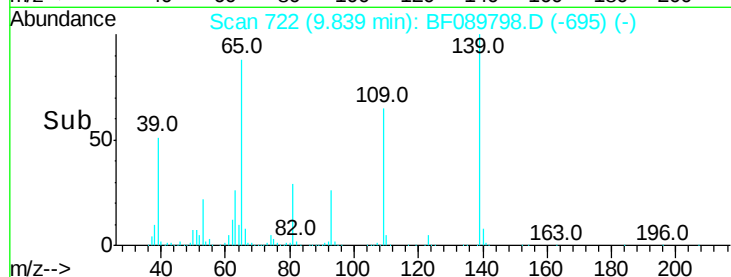
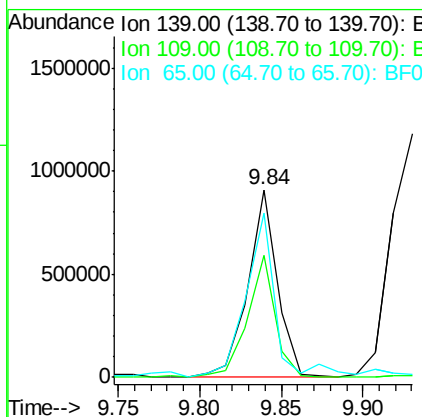
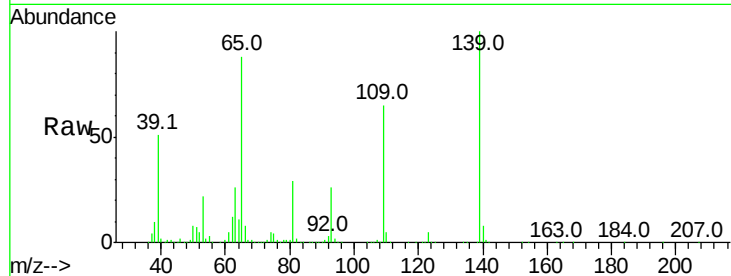
#55
4-Nitrophenol
Concen: 75.38 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.9	43.0	83.0
65	87.7	55.7	95.7

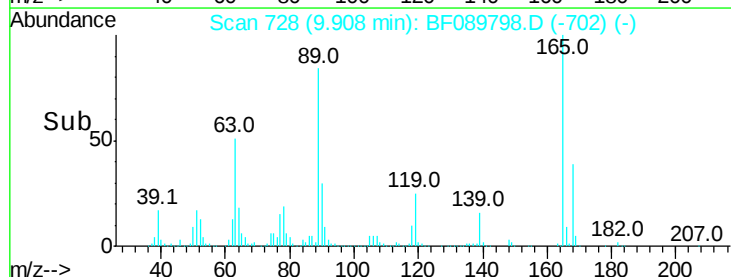
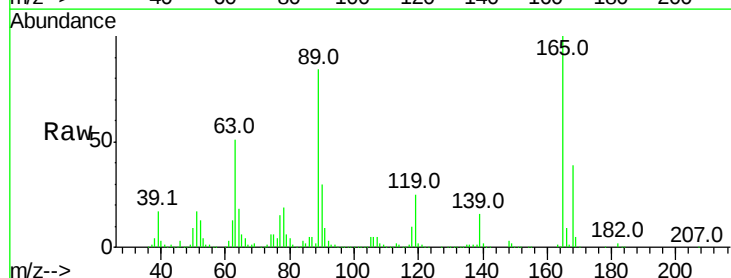
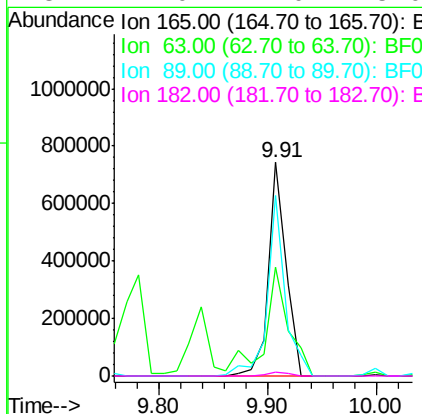
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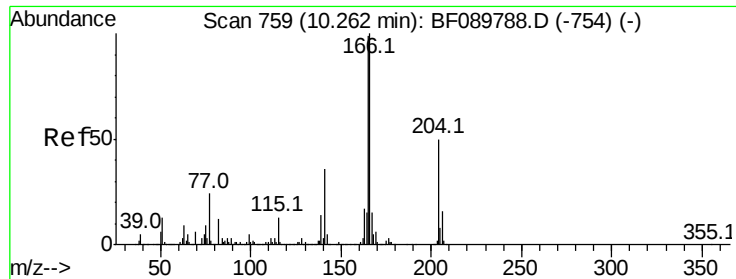
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#56
2,4-Dinitrotoluene
Concen: 38.78 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.7	23.7	35.5#
89	84.3	44.0	66.0#
182	2.0	2.0	3.0#





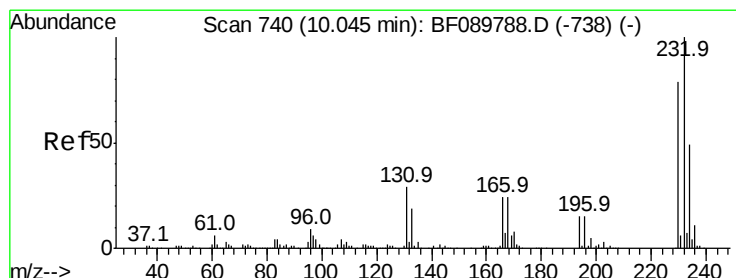
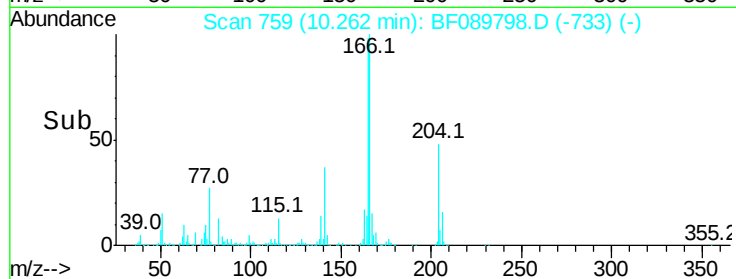
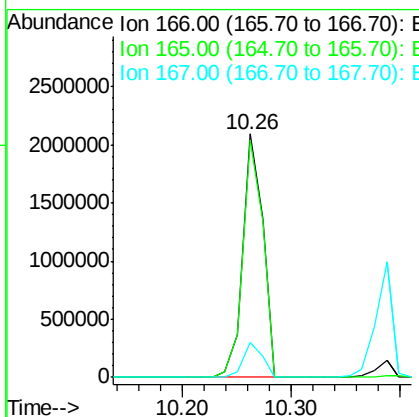
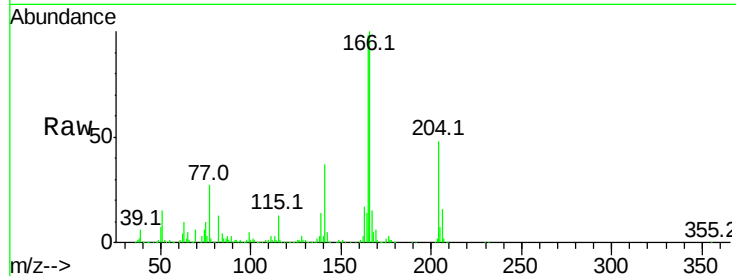
#57
Fluorene
 Concen: 42.64 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	80.2	120.4
167	14.6	11.3	16.9

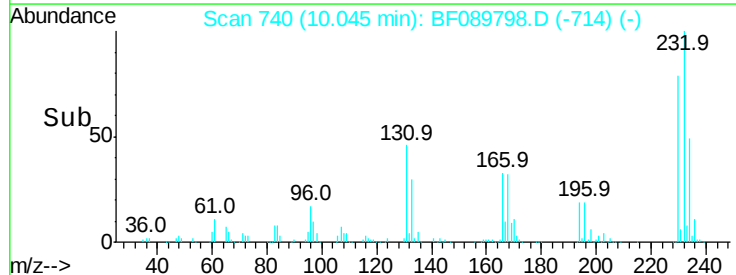
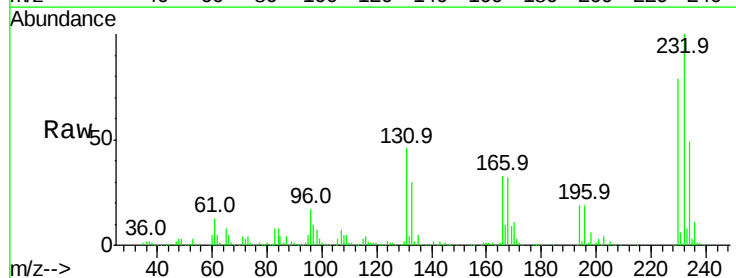
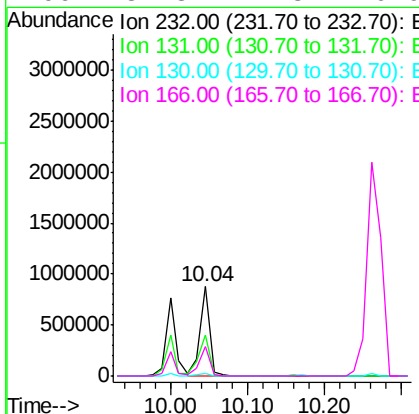
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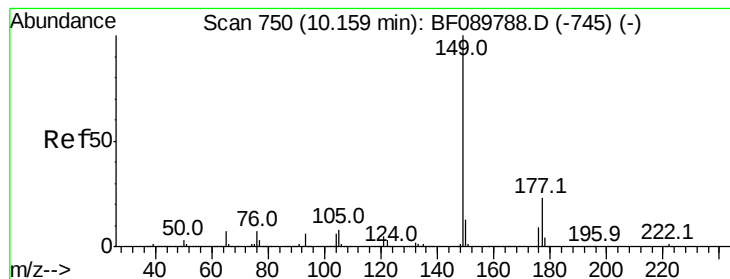
sohil
 8/22/2016 3:47:35 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.95 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.1	42.5	63.7
130	2.5	2.2	3.4
166	34.3	27.3	40.9





#59

Diethylphthalate

Concen: 41.85 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tot Ion:149 Resp: 3071188

Ion Ratio Lower Upper

149 100

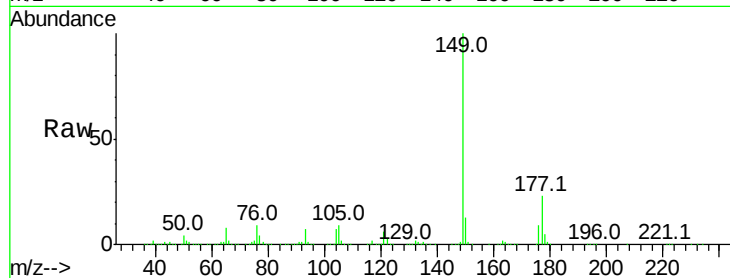
177 22.7 16.6 25.0

150 13.5 10.5 15.7

Manual Integrations
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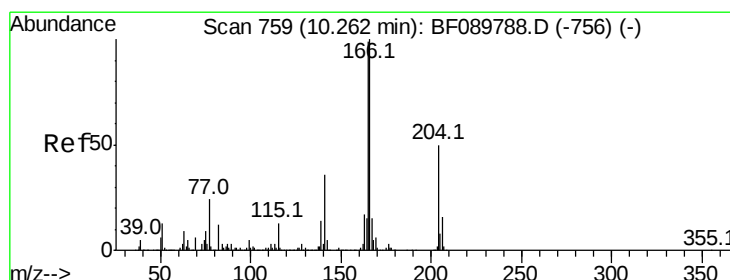
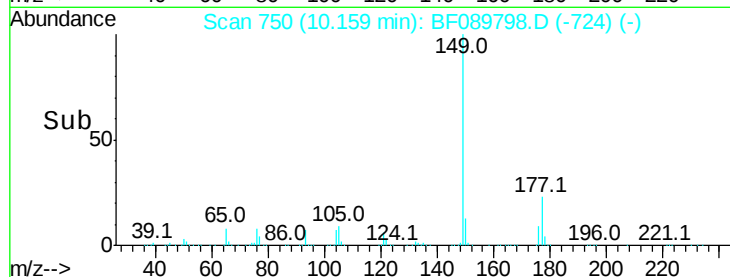
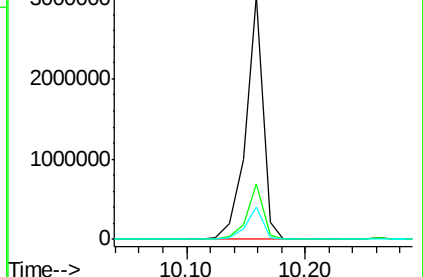
8/22/2016 3:47:35 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.76 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

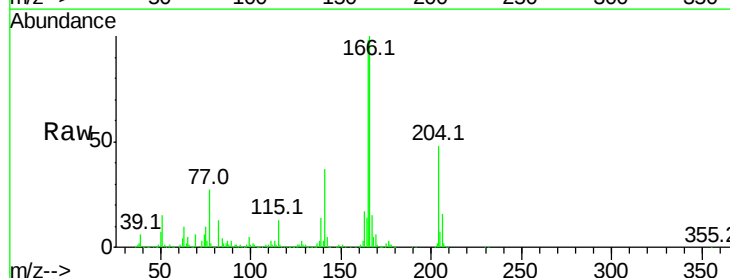
Tgt Ion:204 Resp: 1104721

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

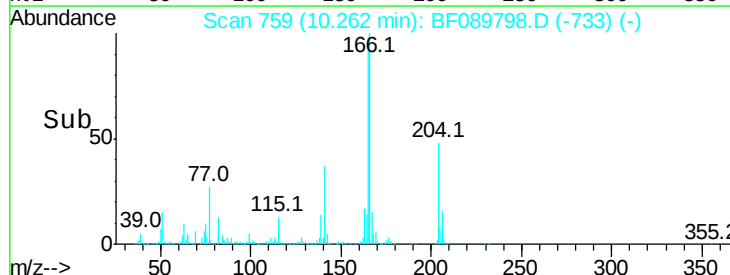
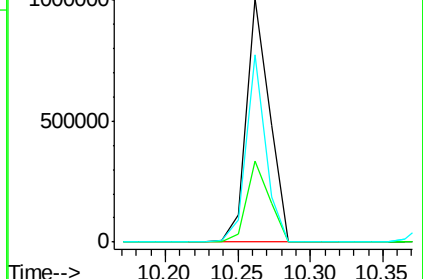
141 76.8 54.1 81.1

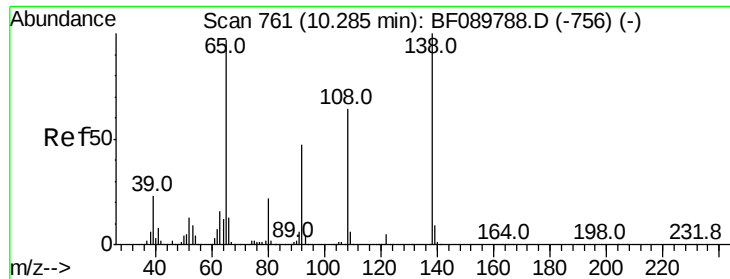


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





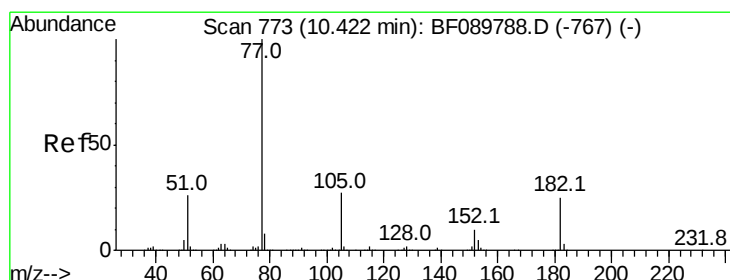
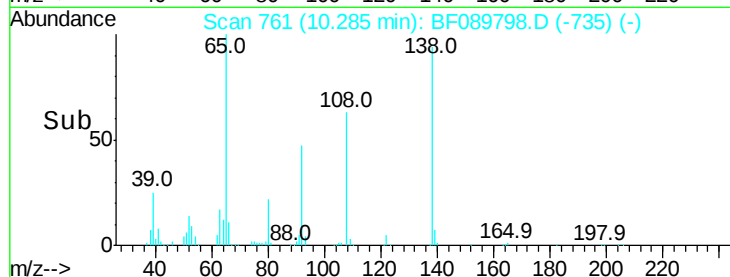
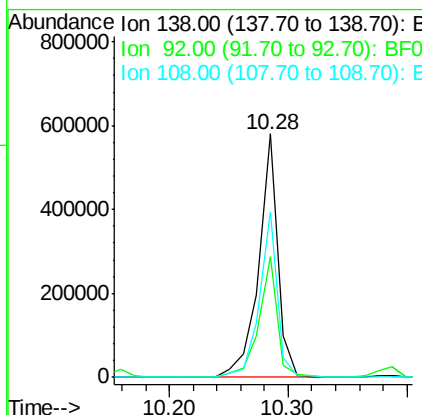
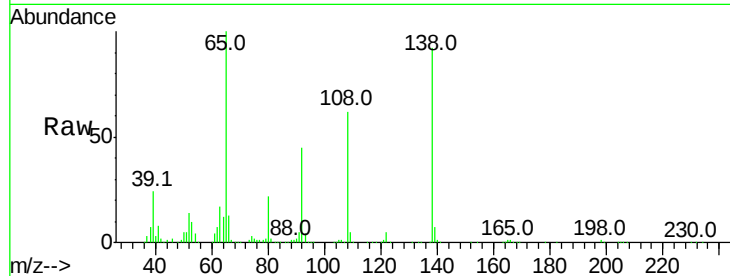
#61
4-Nitroaniline
Concen: 38.09 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	659914		
92	49.6	26.4	66.4	
108	67.8	47.0	87.0	

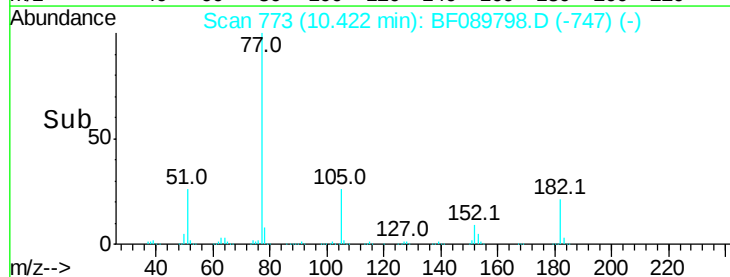
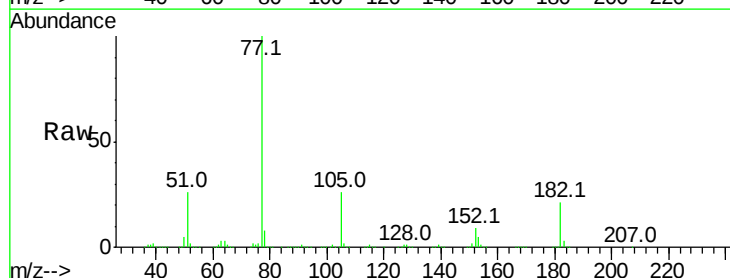
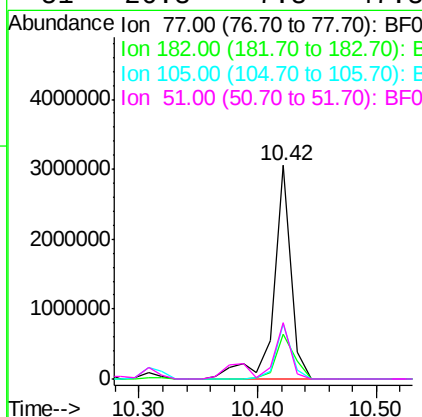
Manual Integrations
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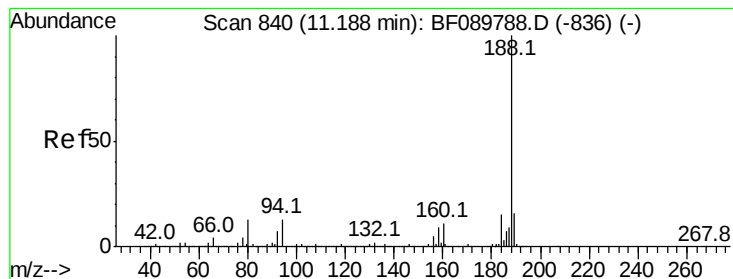
sohil
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#62
Azobenzene
Concen: 44.85 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	3094728		
182	21.2	5.6	45.6	
105	25.8	4.0	44.0	
51	26.3	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: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

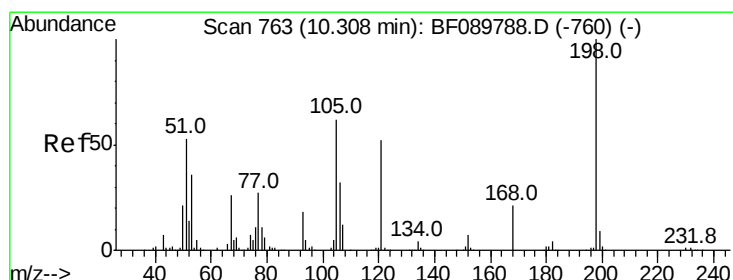
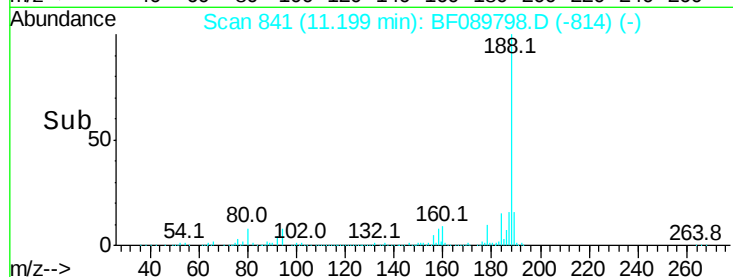
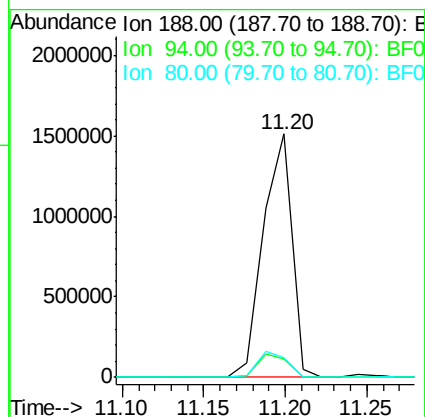
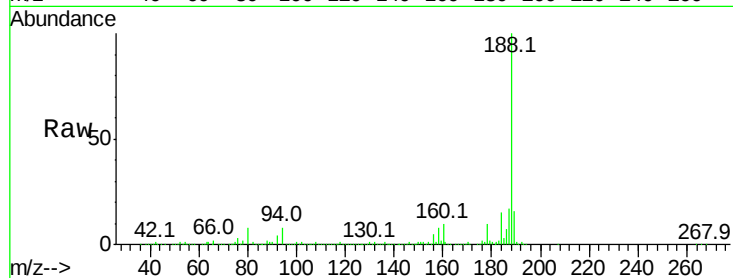
ClientSampleId :

PB92975BSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	10.2	15.2#
80	7.8	10.9	16.3#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 42.88 ng

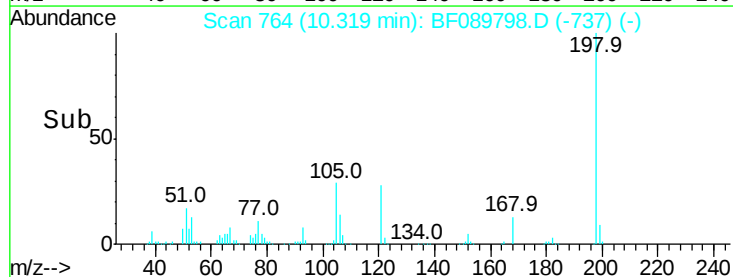
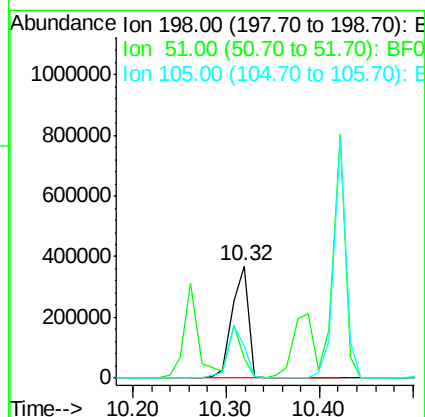
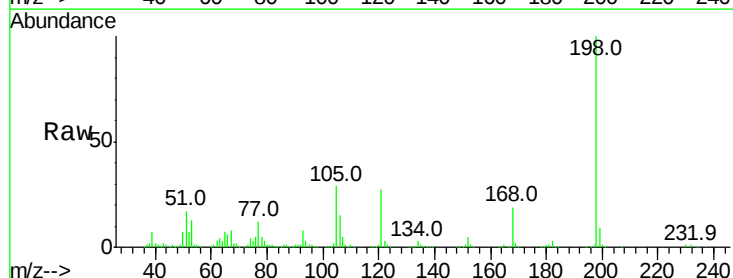
RT: 10.32 min Scan# 764

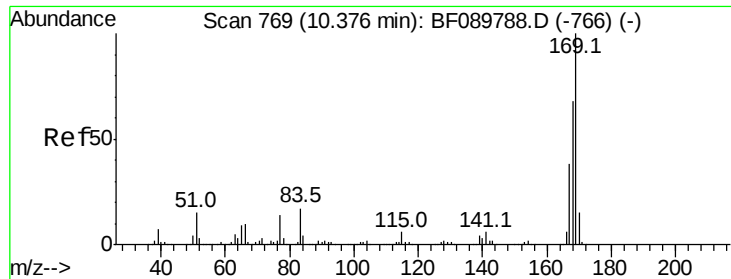
Delta R.T. 0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
198	100		
51	17.4	32.3	72.3#
105	28.7	32.9	72.9#





#65

n-Nitrosodiphenylamine

Concen: 45.69 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tot Ion:169 Resp: 2671875

Ion Ratio Lower Upper

169 100

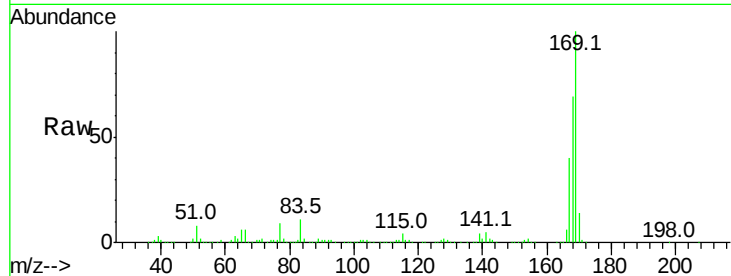
168 69.4 54.6 82.0

167 39.5 30.6 45.8

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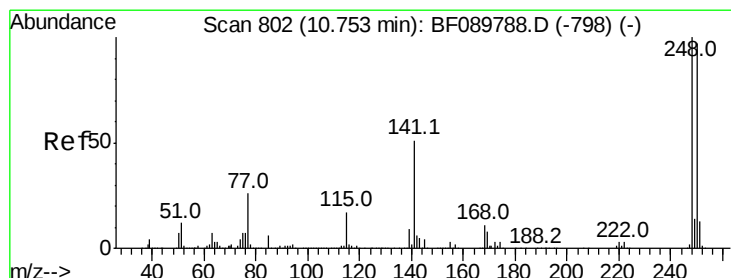
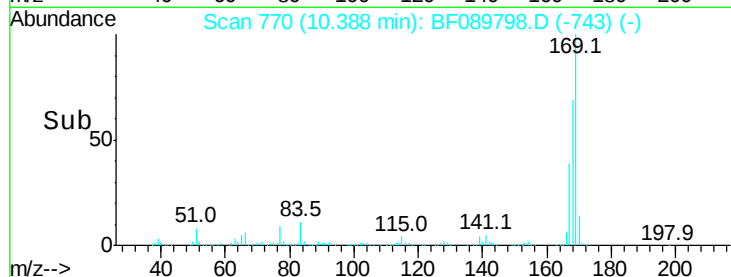
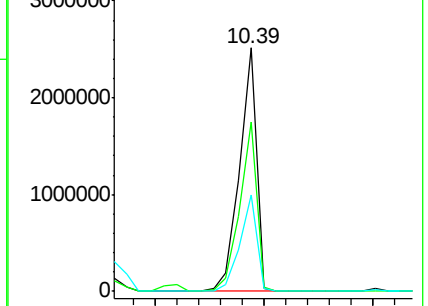
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.63 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

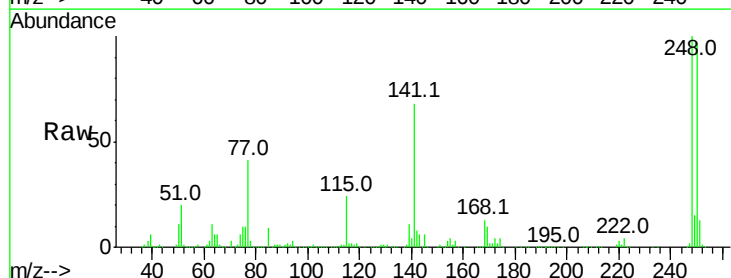
Tgt Ion:248 Resp: 831334

Ion Ratio Lower Upper

248 100

250 96.7 78.6 117.8

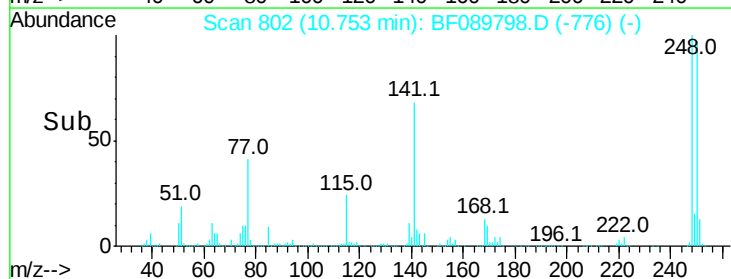
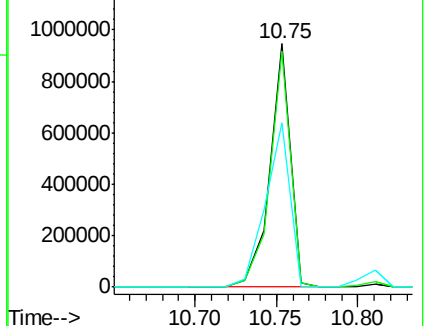
141 67.6 31.4 47.2#

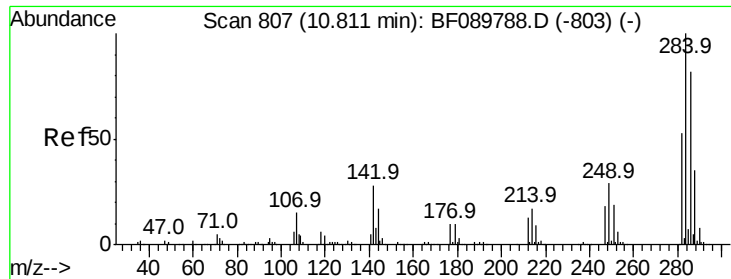


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





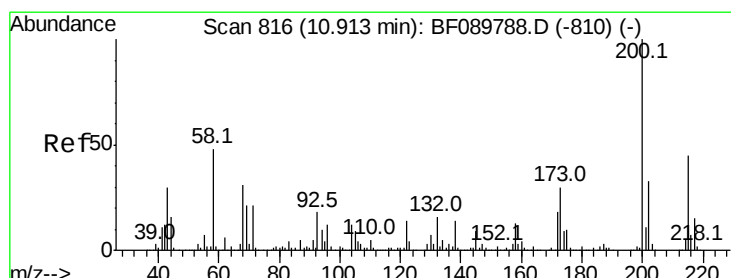
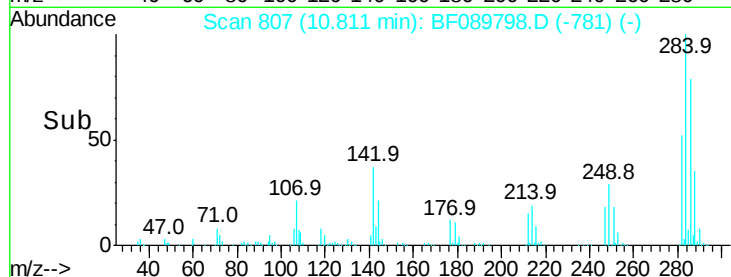
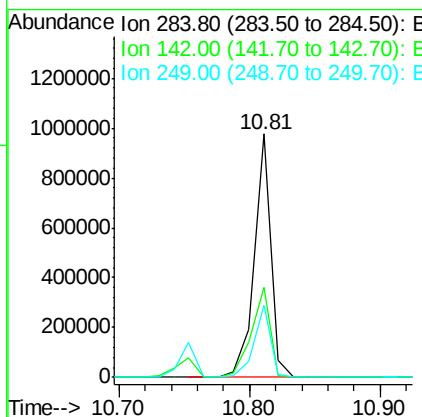
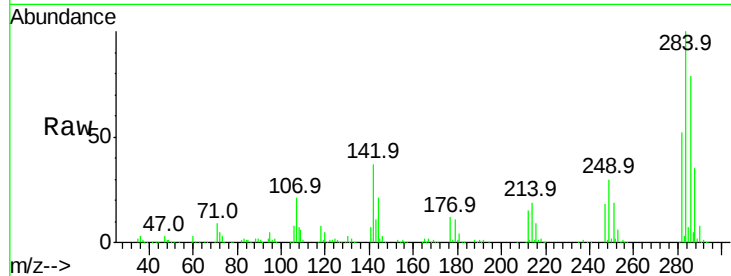
#67
Hexachlorobenzene
Concen: 39.02 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.0	17.4	26.2	
249	29.5	22.8	34.2	

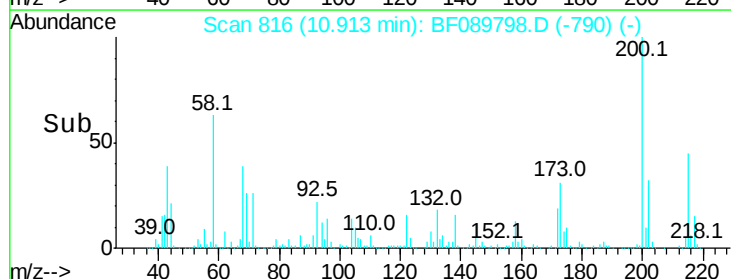
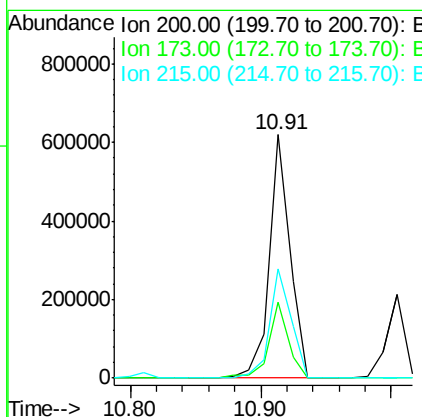
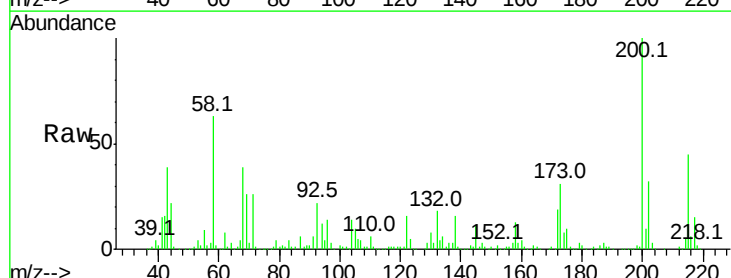
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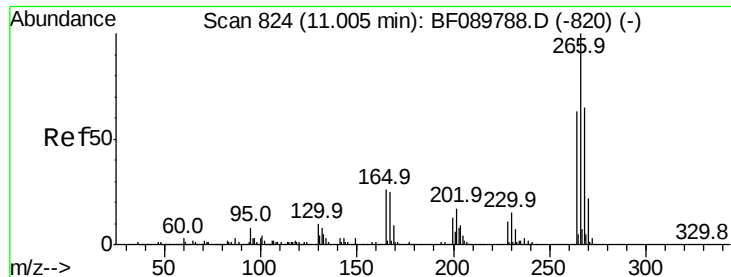
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#68
Atrazine
Concen: 38.40 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	31.4	6.6	46.6	
215	44.8	24.7	64.7	





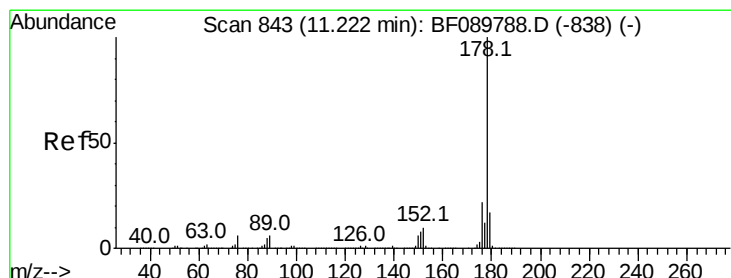
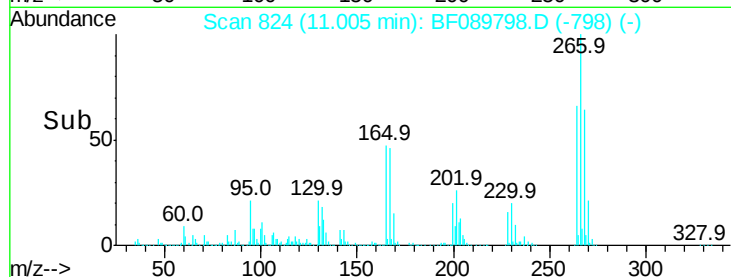
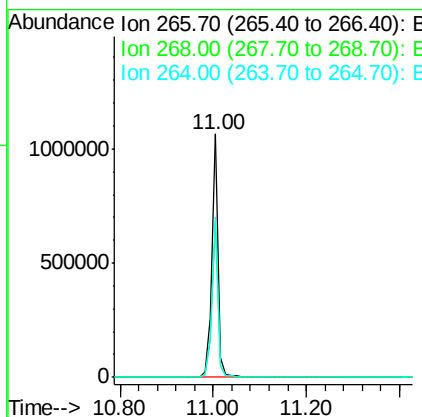
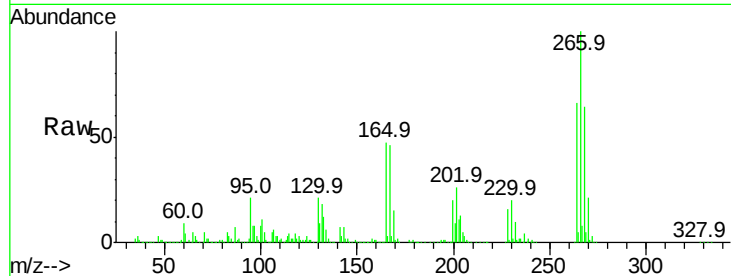
#69
 Pentachlorophenol
 Concen: 80.56 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Instrument :
 BNA_F
 ClientSampled :
 PB92975BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	53.2	79.8
264	65.8	51.1	76.7

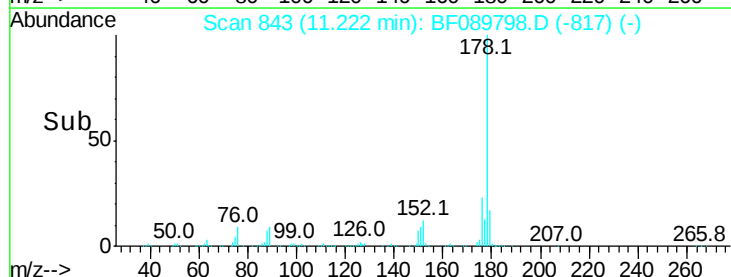
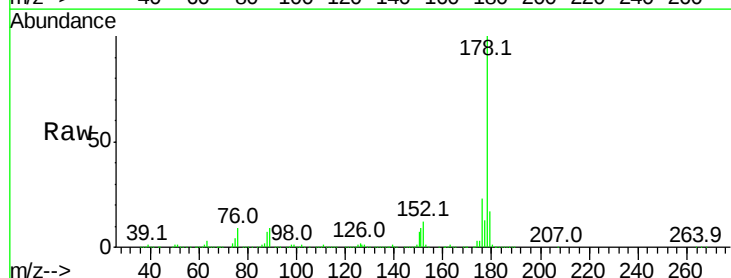
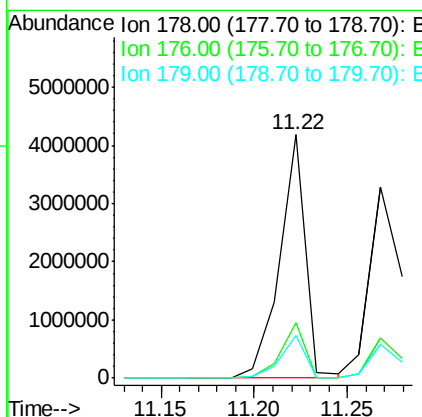
Manual Integrations
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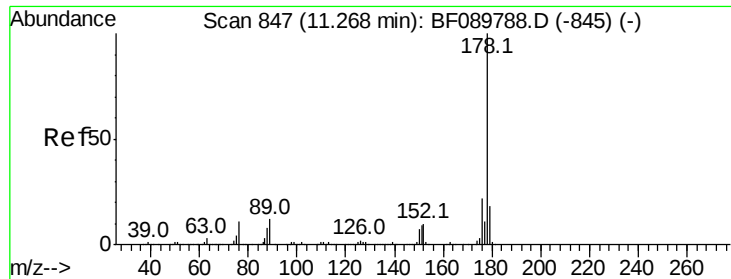
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#70
 Phenanthrene
 Concen: 42.51 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.6	16.4	24.6
179	17.5	12.5	18.7





#71

Anthracene

Concen: 39.32 ng

RT: 11.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampled :

PB92975BSD

Tot Ion:178 Resp: 3754470

Ion Ratio Lower Upper

178 100

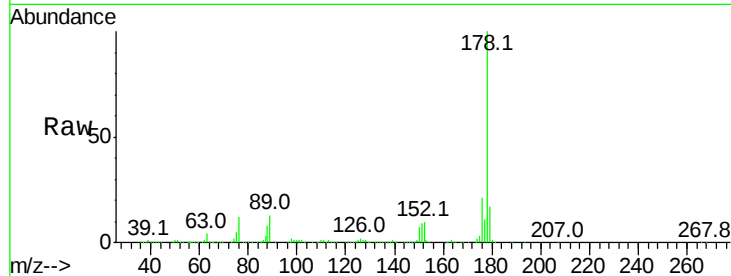
176 21.1 16.4 24.6

179 17.4 13.1 19.7

Manual Integrations
APPROVED

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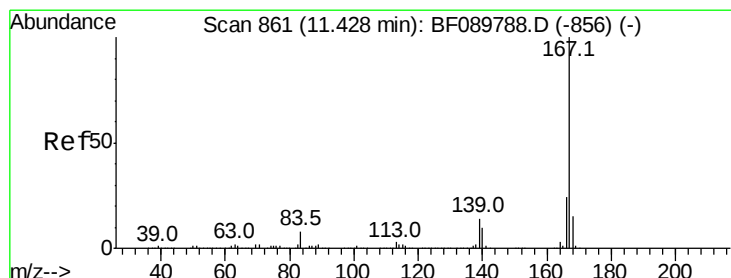
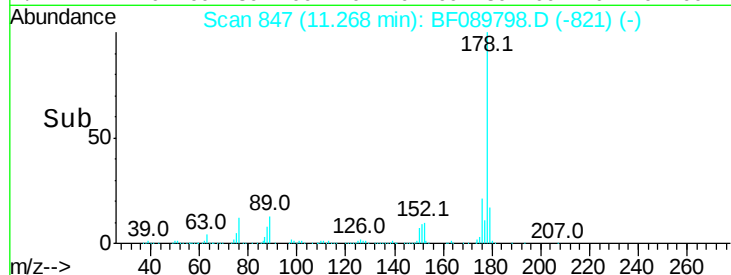
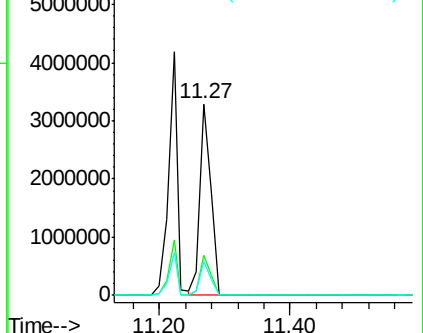
8/22/2016 3:47:35 PM



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



#72

Carbazole

Concen: 43.83 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

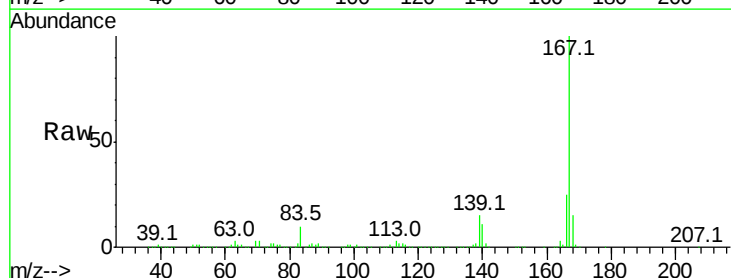
Tgt Ion:167 Resp: 3754180

Ion Ratio Lower Upper

167 100

166 24.6 17.9 26.9

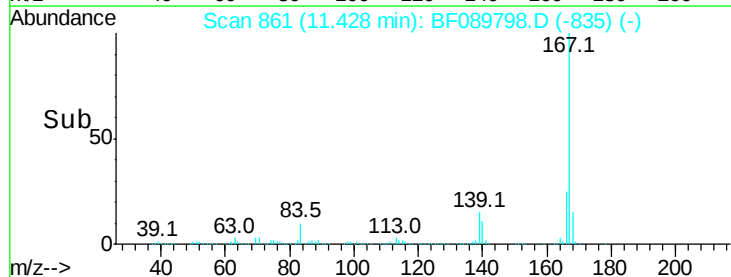
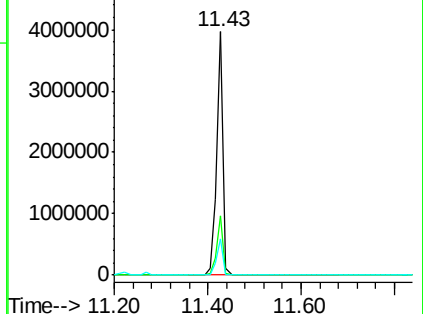
139 14.7 12.4 18.6

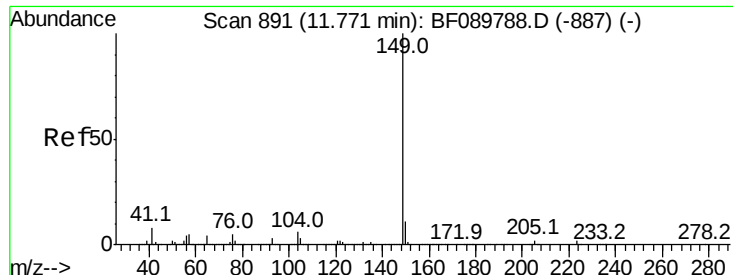


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.51 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tot Ion:149 Resp: 4555471

Ion Ratio Lower Upper

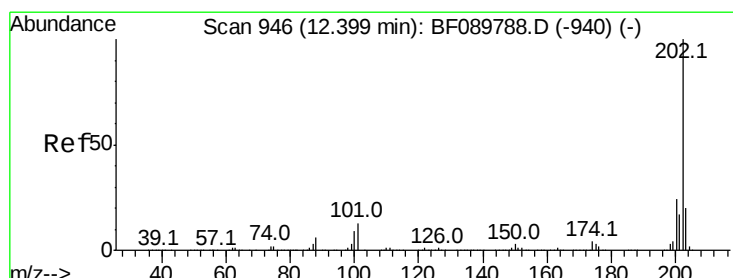
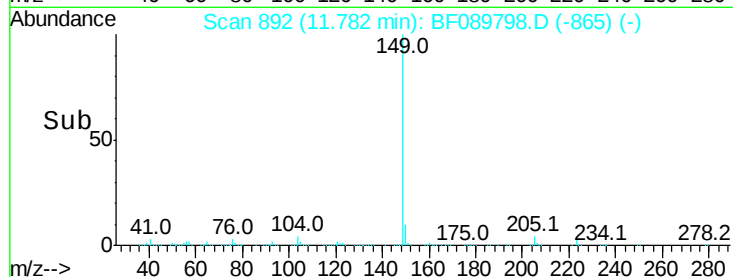
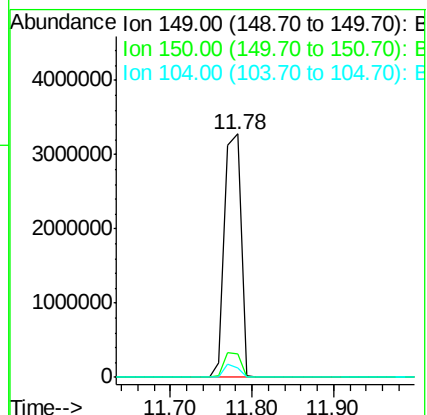
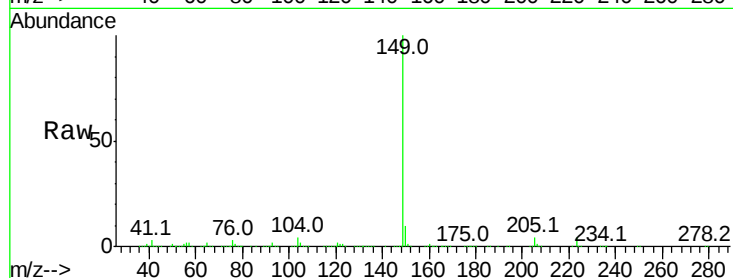
149 100

150 9.8 7.9 11.9

104 3.8 4.3 6.5#

Manual Integrations
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#74

Fluoranthene

Concen: 39.99 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

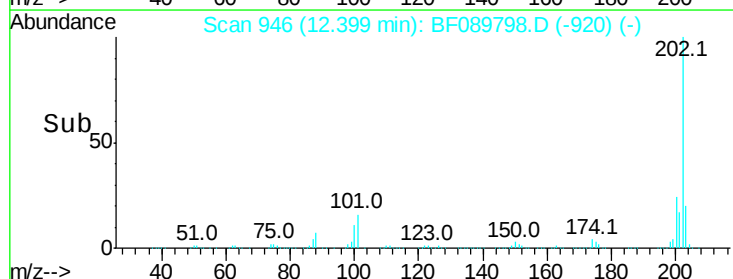
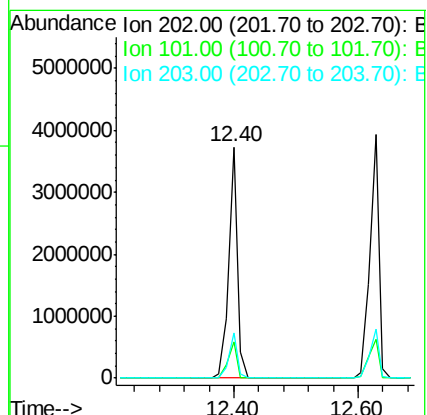
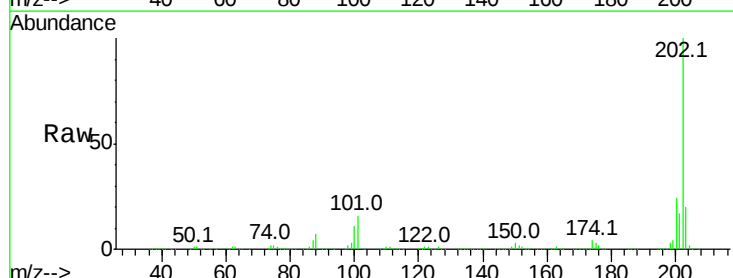
Tgt Ion:202 Resp: 3573278

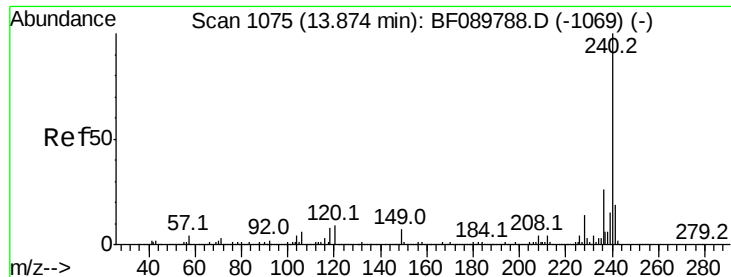
Ion Ratio Lower Upper

202 100

101 15.6 0.0 31.2

203 19.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tot Ion:240 Resp: 1184954

Ion Ratio Lower Upper

240 100

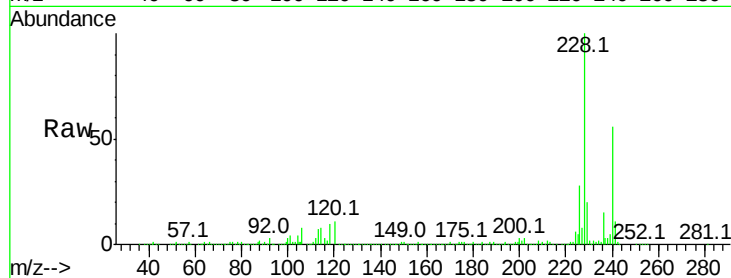
120 19.2 8.3 12.5#

236 26.4 21.3 31.9

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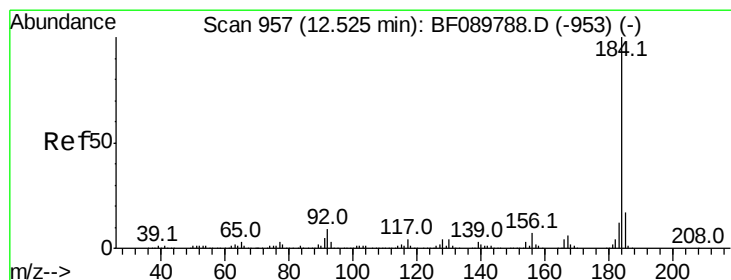
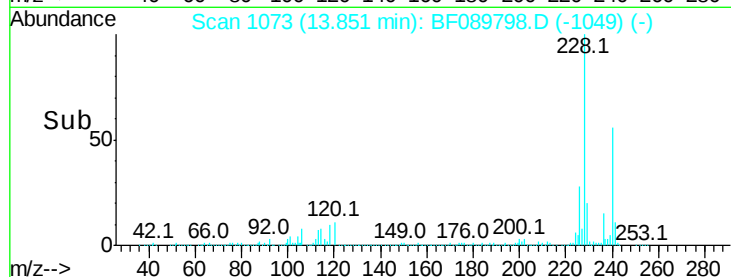
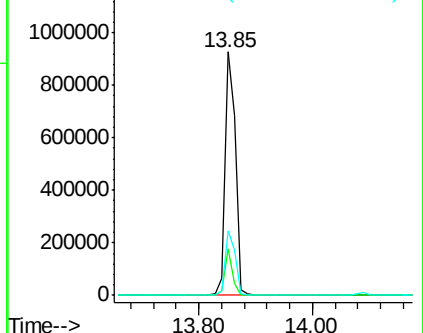
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.94 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

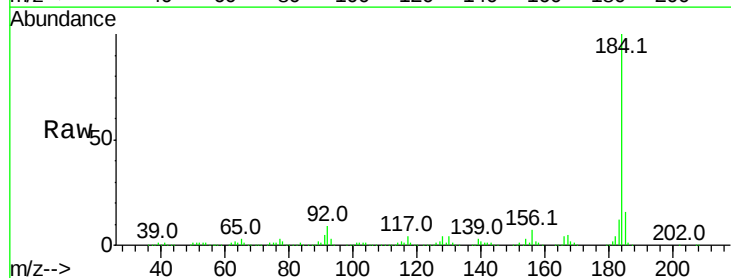
Tgt Ion:184 Resp: 1186372

Ion Ratio Lower Upper

184 100

185 16.1 13.8 20.8

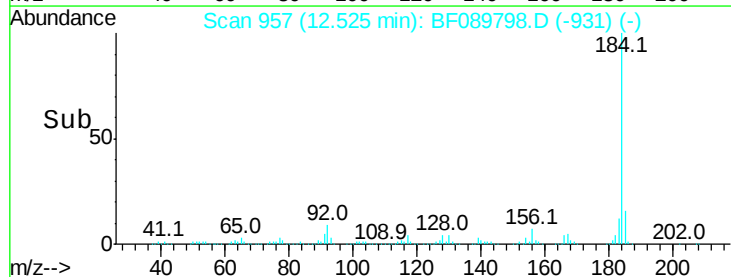
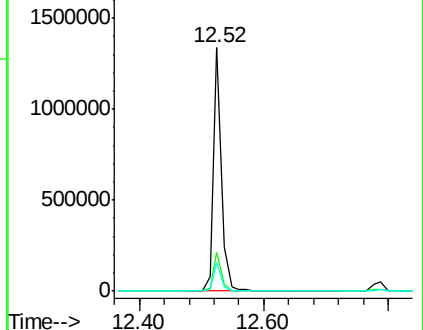
183 11.5 9.7 14.5

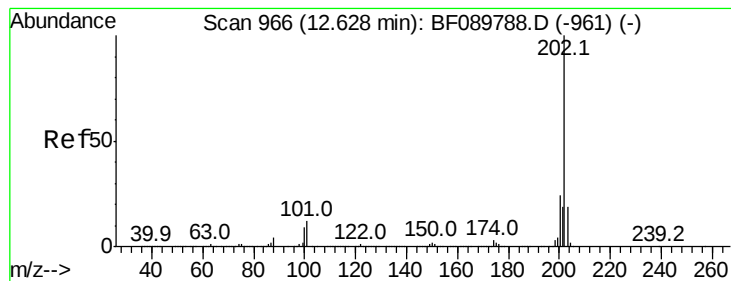


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





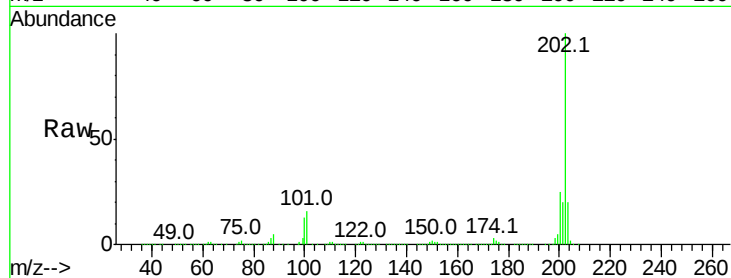
#77
Pvrene
Concen: 40.63 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

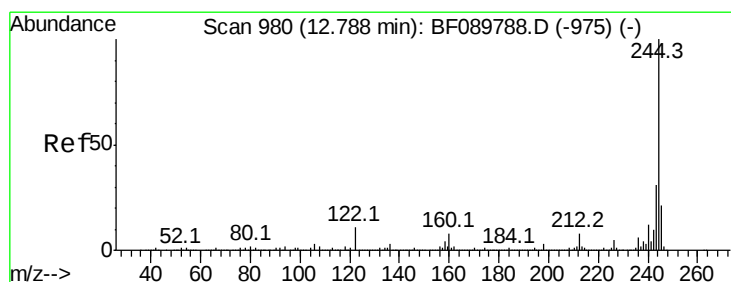
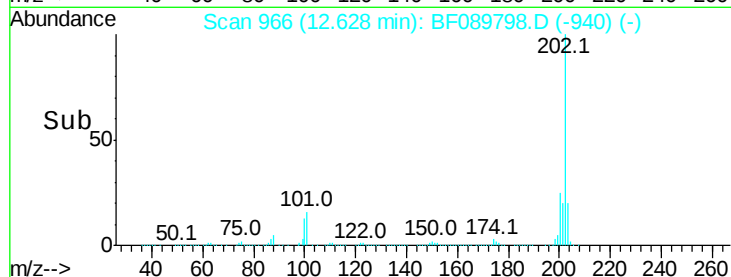
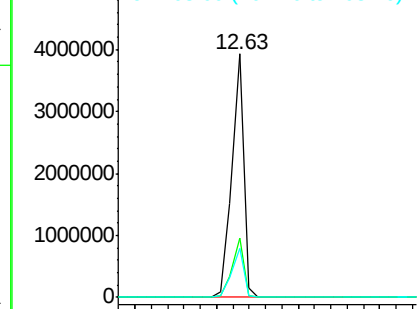
Tot Ion	Ratio	Lower	Upper
202	100		
200	24.6	17.8	26.6
203	19.9	14.2	21.4

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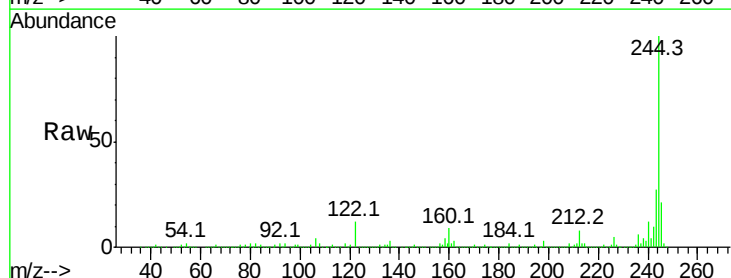


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

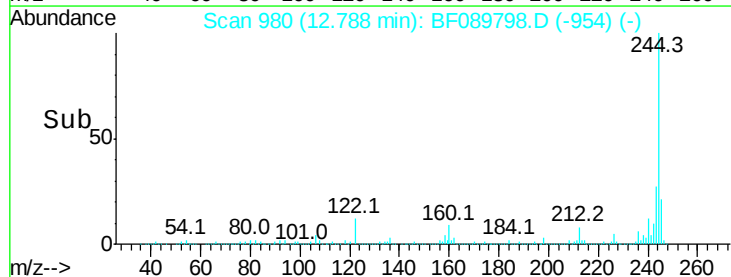
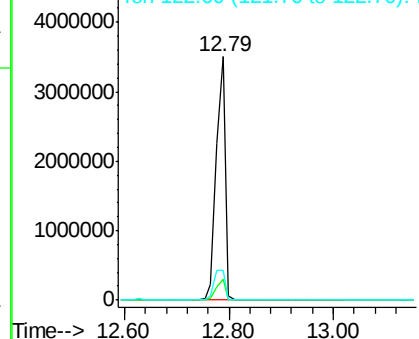


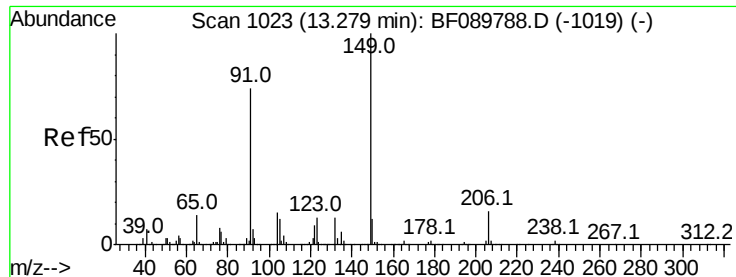
#78
Terphenyl-d14
Concen: 79.98 ng
RT: 12.79 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.3	9.5
122	12.5	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





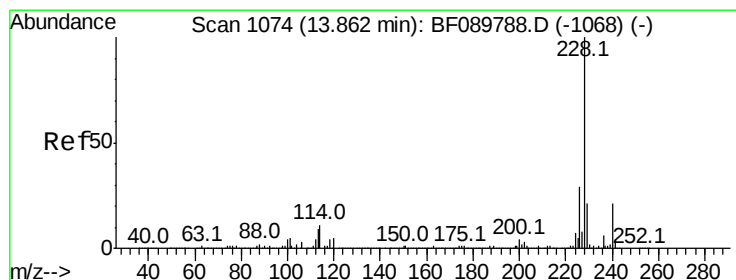
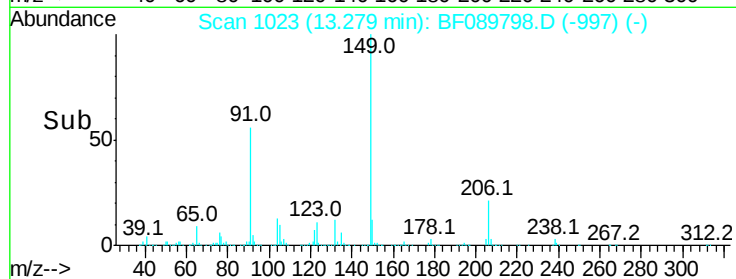
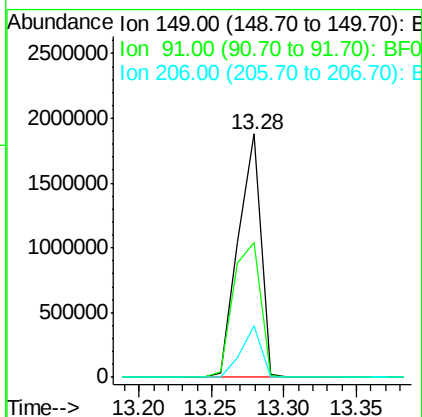
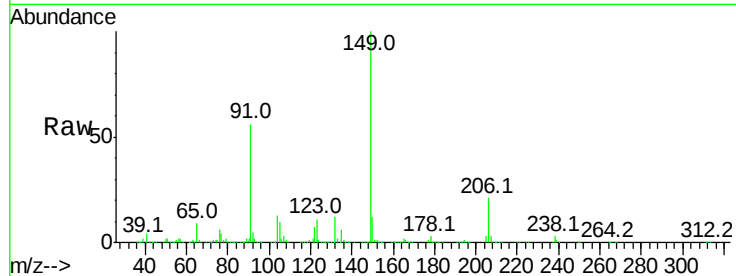
#79
Butylbenzylphthalate
Concen: 47.11 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	55.6	50.7	76.1
206	21.1	15.5	23.3

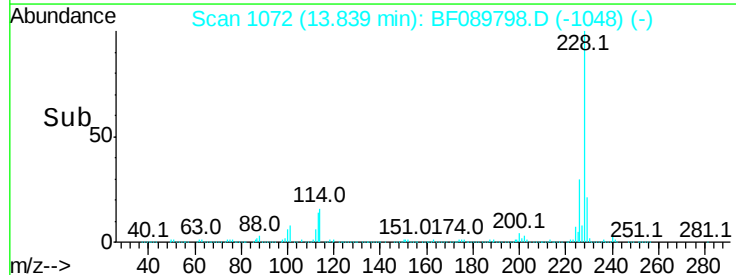
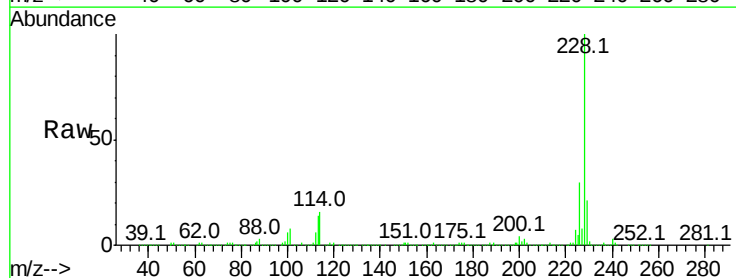
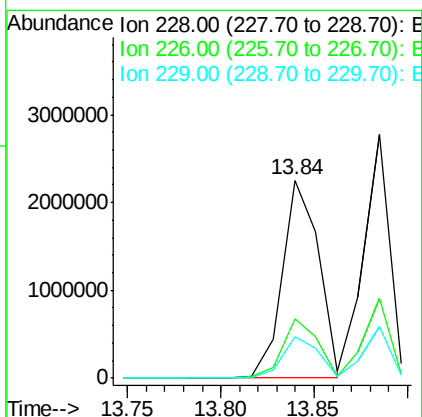
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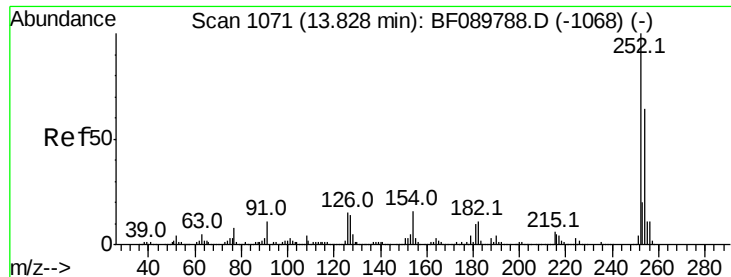
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#80
Benzo(a)anthracene
Concen: 45.20 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	21.2	16.2	24.4





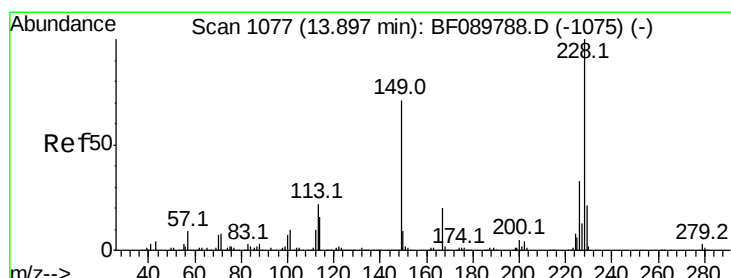
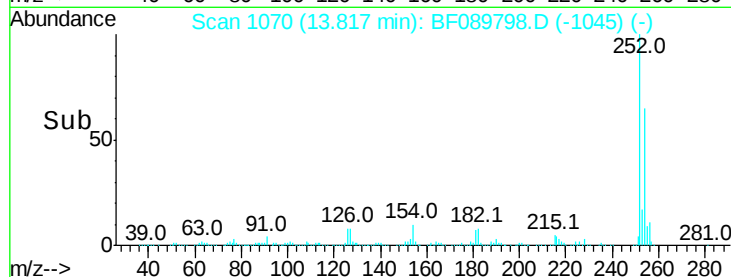
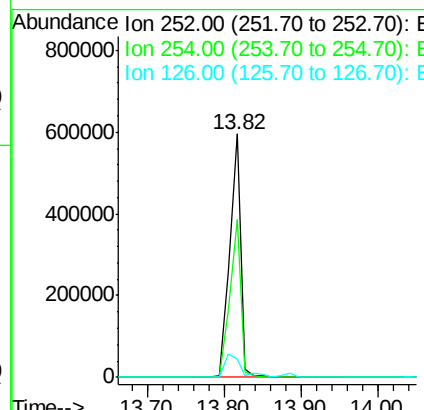
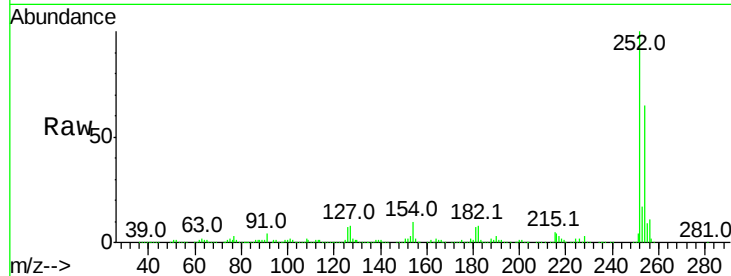
#81
 3,3'-Dichlorobenzidine
 Concen: 27.46 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	50.6	75.8
126	7.5	12.6	18.8

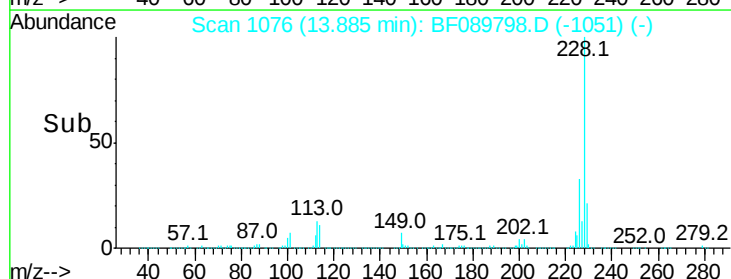
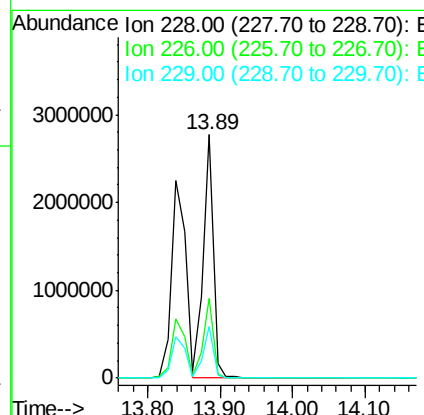
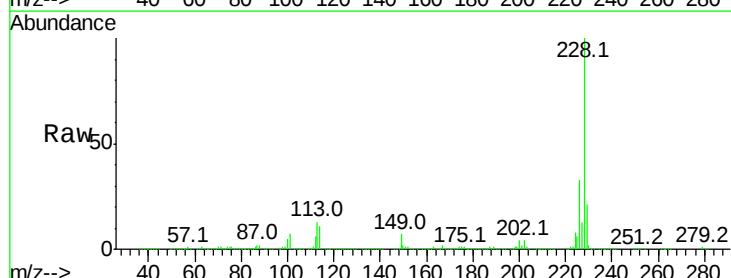
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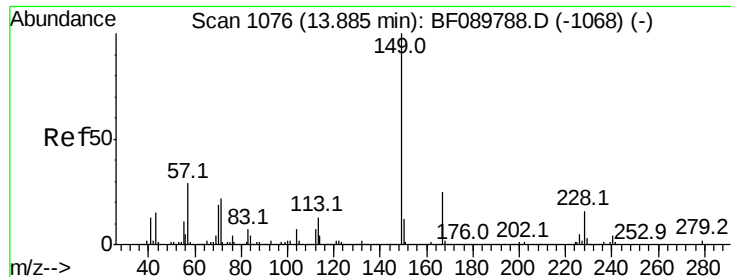
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#82
 Chrysene
 Concen: 46.43 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.7	25.4	38.0
229	21.4	16.5	24.7





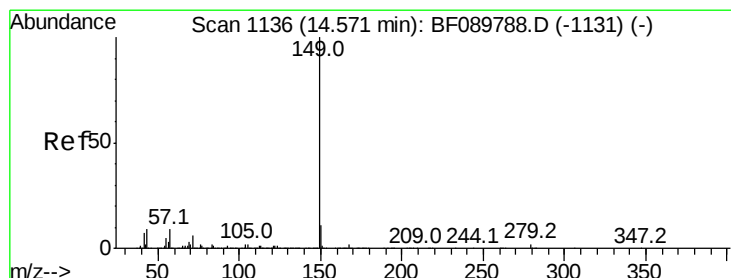
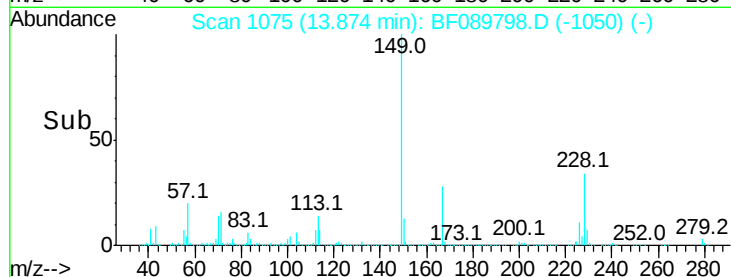
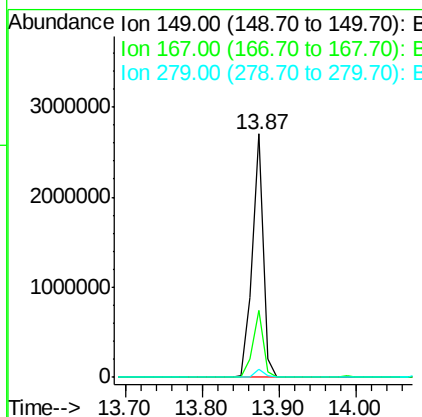
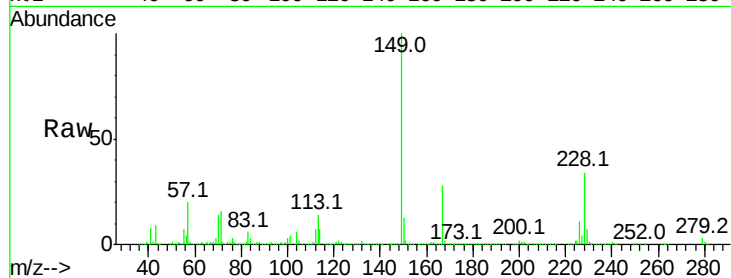
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.91 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.2	31.8
279	3.2	2.9	4.3

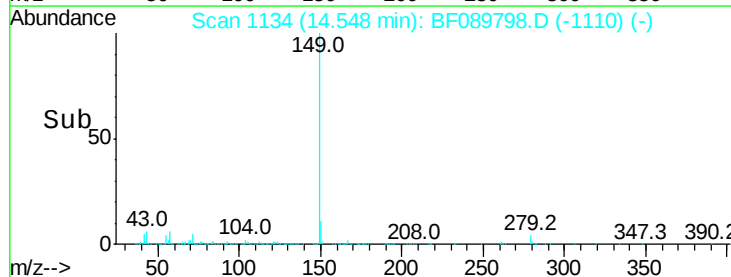
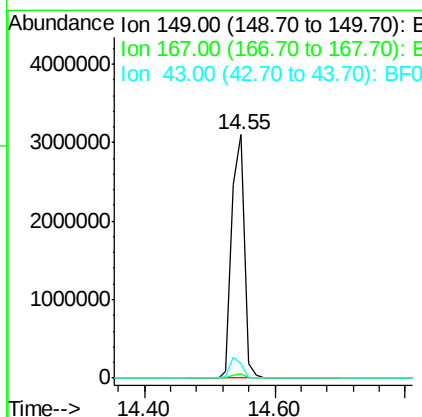
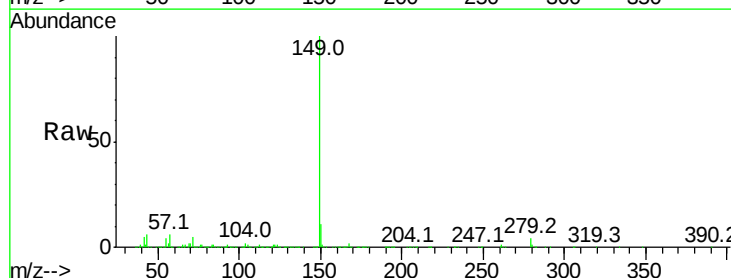
Manual Integrations
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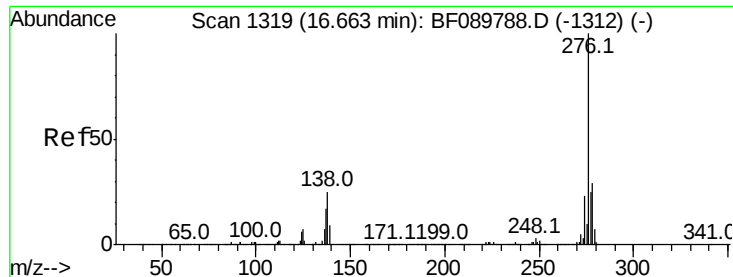
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#84
 Di-n-octyl phthalate
 Concen: 50.85 ng
 RT: 14.55 min Scan# 1134
 Delta R.T. -0.02 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.2	8.4	12.6#





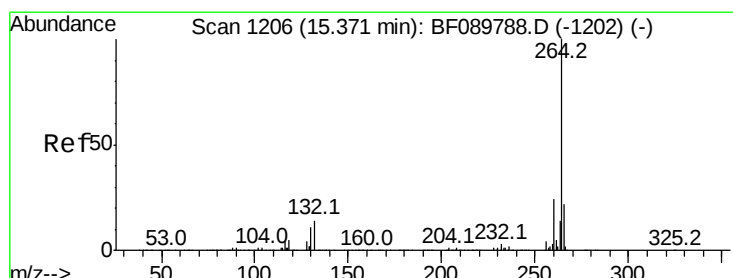
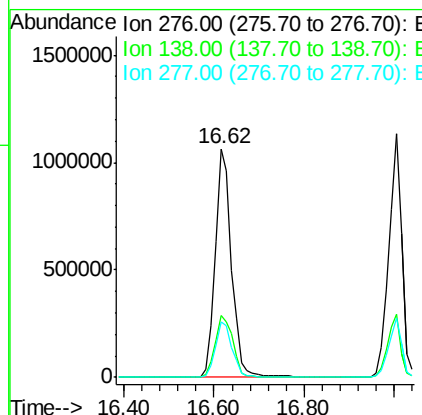
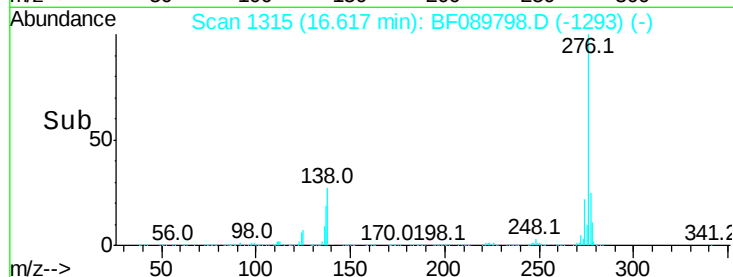
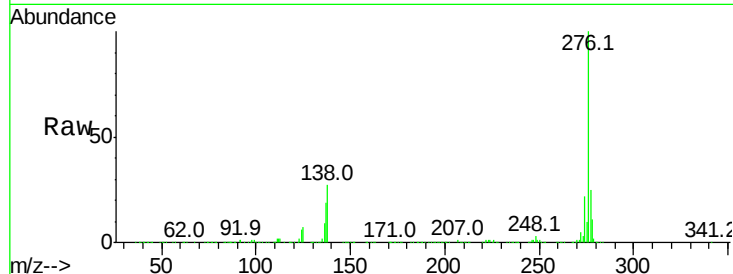
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.25 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.05 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.6	36.8
277	25.3	20.4	30.6

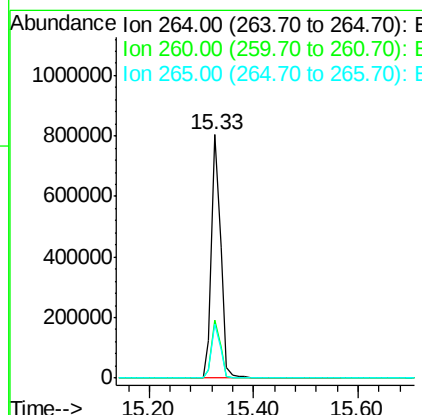
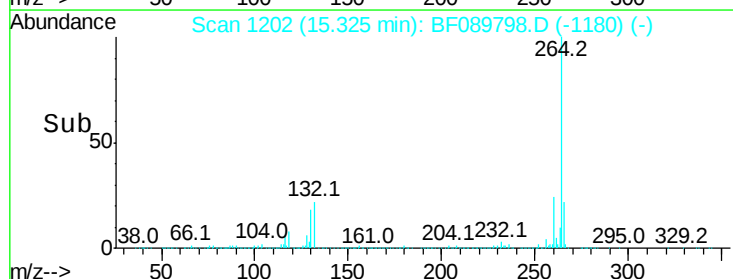
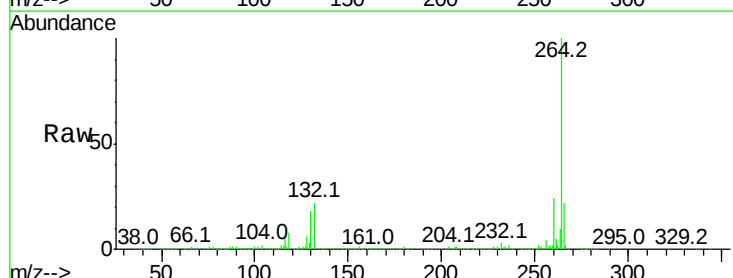
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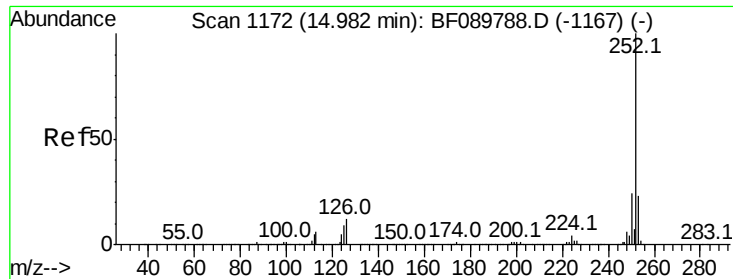
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.2	30.2
265	22.3	17.4	26.2





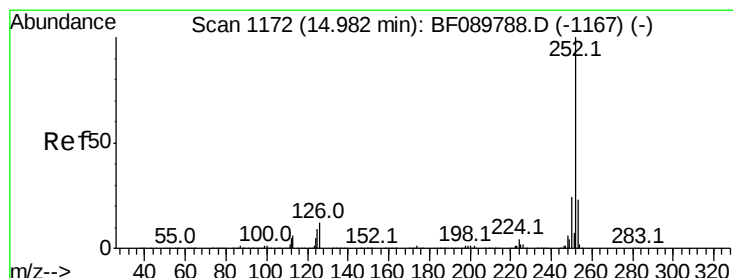
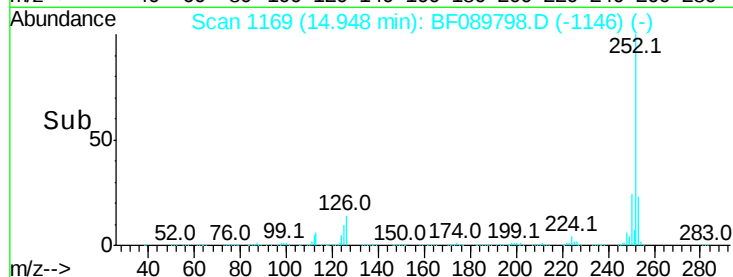
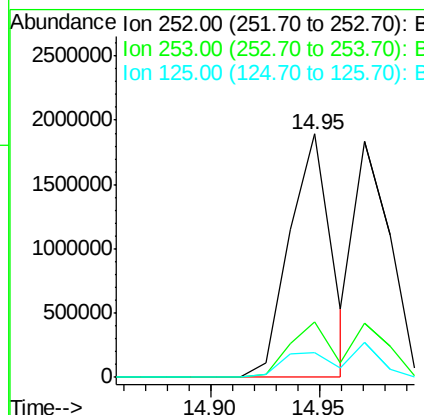
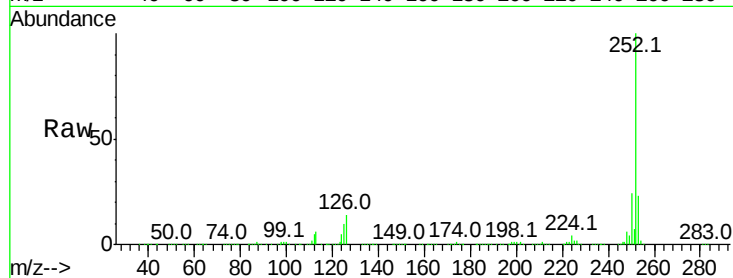
#87
Benzo(b)fluoranthene
Concen: 46.64 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.1	11.4	17.2

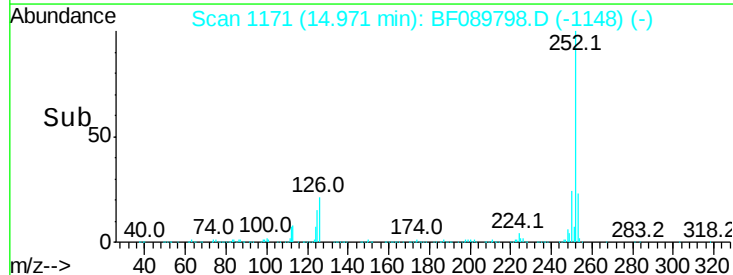
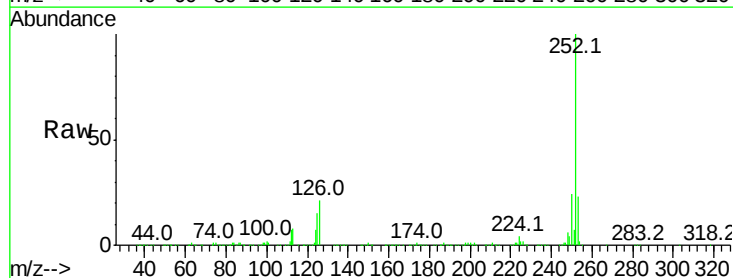
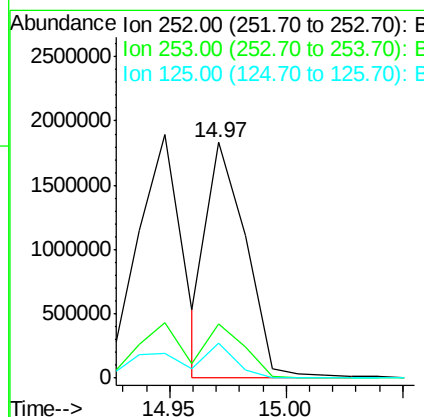
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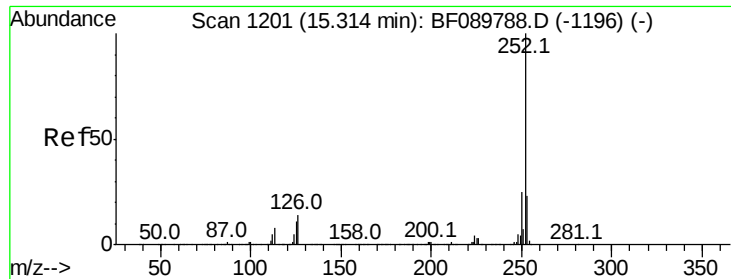
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#88
Benzo(k)fluoranthene
Concen: 42.93 ng m
RT: 14.97 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	14.6	9.8	14.6





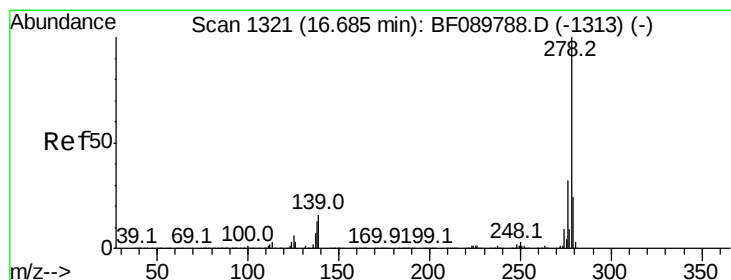
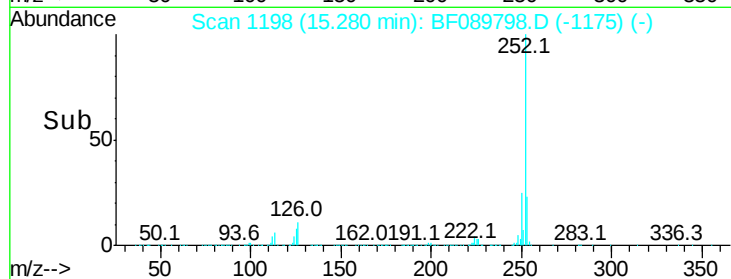
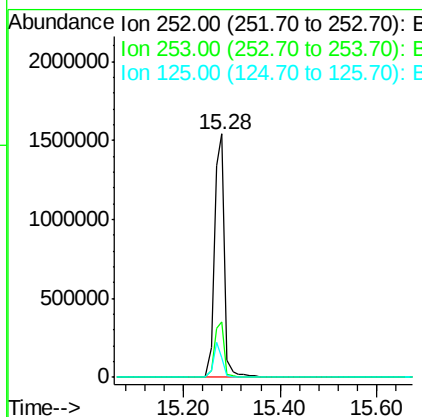
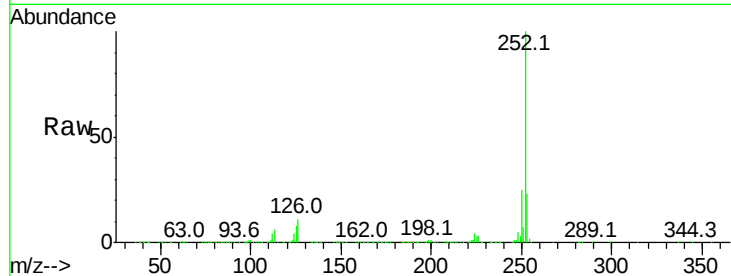
#89
Benzo(a)pyrene
Concen: 43.95 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.03 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tot Ion:252 Resp: 2254803
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 8.3 11.7 17.5#

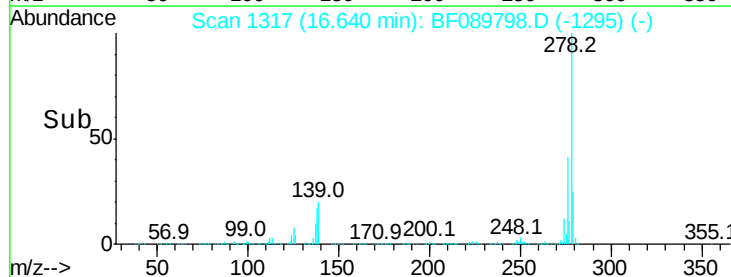
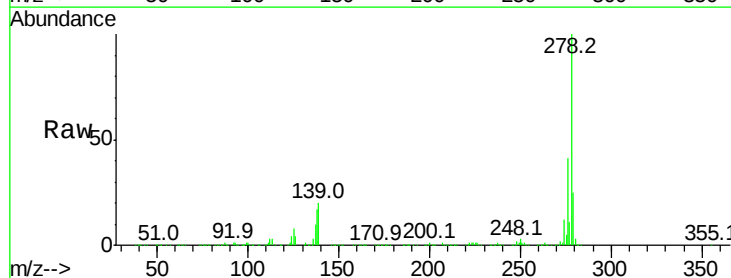
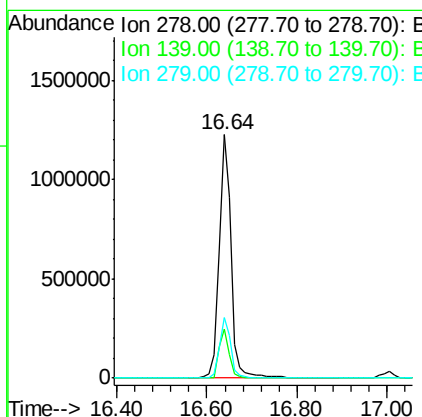
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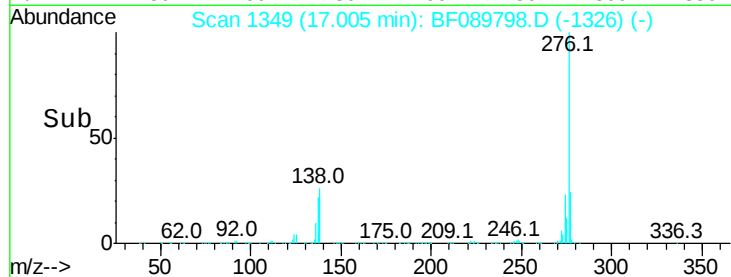
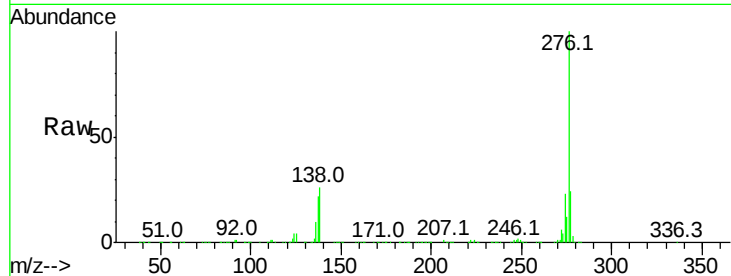
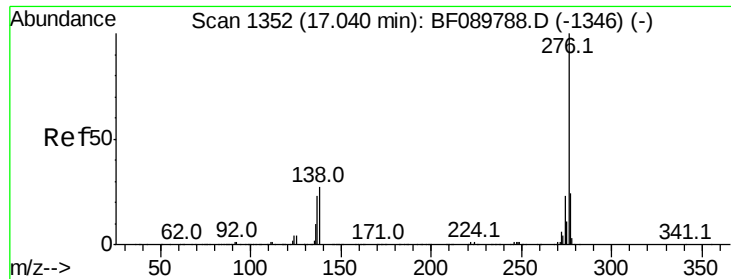
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#90
Dibenzo(a,h)anthracene
Concen: 40.52 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.05 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion:278 Resp: 2256158
Ion Ratio Lower Upper
278 100
139 20.3 14.9 22.3
279 24.9 19.2 28.8





#91

Benzo(a,h,i)perylene

Concen: 39.53 ng

RT: 17.01 min Scan# 1349

Delta R.T. -0.03 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tot Ion:276 Resp: 2317636

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 25.9 22.1 33.1

Manual Integrations

APPROVED

sohil

8/22/2016 3:47:35 PM

