

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089808.D
 Acq On : 19 Aug 2016 20:53
 Operator : UM/SJ
 Sample : H4367-20MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

Manual Integrations
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8/22/2016 3:48:11 PM

Quant Time: Aug 22 02:01:51 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	555579	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2039067	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	826103	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1269571	20.00	ng	0.00
75) Chrysene-d12	13.84	240	819465	20.00	ng	-0.03
86) Perylene-d12	15.26	264	969683	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	3194498	98.60	ng	0.01
7) Phenol-d6	6.33	99	4182353	105.17	ng	0.01
23) Nitrobenzene-d5	7.26	82	2631981	80.19	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	721891	91.95	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	3861704	82.16	ng	0.00
78) Terphenyl-d14	12.79	244	2436911	67.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	485263	30.27	ng	96
3) Pyridine	2.84	79	1357117	32.27	ng	97
4) n-Nitrosodimethylamine	2.80	42	560434	35.80	ng	80
6) Aniline	6.34	93	1034655	19.40	ng	# 1
8) 2-Chlorophenol	6.47	128	1391902	35.93	ng	90
9) Benzaldehyde	6.22	77	397757	15.35	ng	99
10) Phenol	6.34	94	1875620	40.24	ng	86
11) bis(2-Chloroethyl)ether	6.43	93	1402082	38.79	ng	92
12) 1,3-Dichlorobenzene	6.63	146	1496871m	36.96	ng	
13) 1,4-Dichlorobenzene	6.71	146	1477237m	35.48	ng	
14) 1,2-Dichlorobenzene	6.86	146	1396412	35.93	ng	96
15) Benzyl Alcohol	6.83	79	1047497	39.72	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1611858	34.84	ng	90
17) 2-Methylphenol	6.95	107	1042231	34.35	ng	98
18) Hexachloroethane	7.20	117	516265	34.77	ng	# 88
19) n-Nitroso-di-n-propylamine	7.11	70	912021	35.86	ng	91
20) 3+4-Methylphenols	7.11	107	1309627	35.20	ng	# 64
22) Acetophenone	7.10	105	1631801	34.85	ng	# 90
24) Nitrobenzene	7.27	77	1216273	33.03	ng	98
25) Isophorone	7.52	82	2460811	37.17	ng	# 88
26) 2-Nitrophenol	7.59	139	633589	34.49	ng	# 86
27) 2,4-Dimethylphenol	7.63	122	1046939	31.62	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	1761310	43.00	ng	96
29) 2,4-Dichlorophenol	7.83	162	973273	35.03	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	1134242	36.91	ng	# 95
31) Naphthalene	7.99	128	3468807	36.40	ng	99
33) 4-Chloroaniline	8.04	127	632827	15.32	ng	# 94
34) Hexachlorobutadiene	8.12	225	571185	35.49	ng	96
35) Caprolactam	8.40	113	272062	32.15	ng	88
36) 4-Chloro-3-methylphenol	8.54	107	1111506	36.94	ng	95
37) 2-Methylnaphthalene	8.68	142	2462078	39.93	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	806095	30.13	ng	97
40) Hexachlorocyclopentadiene	8.84	237	407456	43.87	ng	99
42) 2,4,6-Trichlorophenol	8.96	196	642505	38.18	ng	99

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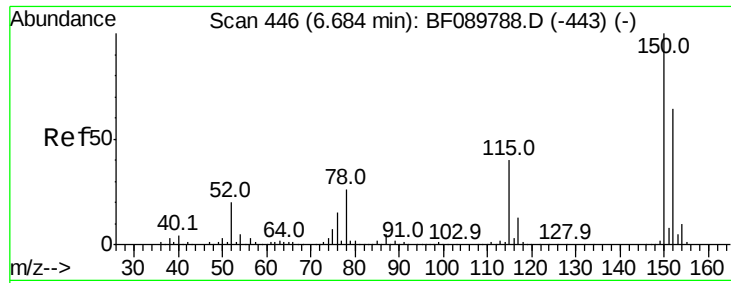
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	626802	37.45	nq	# 91
45) 1,1'-Biphenyl	9.15	154	2331476	36.47	nq	93
46) 2-Chloronaphthalene	9.16	162	1978899	39.16	nq	99
47) 2-Nitroaniline	9.26	65	637500	44.23	nq	94
48) Acenaphthylene	9.58	152	2922225	38.48	nq	99
49) Dimethylphthalate	9.46	163	3679630	63.26	nq	# 98
50) 2,6-Dinitrotoluene	9.51	165	494168	36.80	nq	91
51) Acenaphthene	9.75	154	1798311	35.78	nq	99
52) 3-Nitroaniline	9.67	138	432912	29.10	nq	99
53) 2,4-Dinitrophenol	9.77	184	35195	9.02	nq	94
54) Dibenzofuran	9.92	168	2568414	40.69	nq	98
55) 4-Nitrophenol	9.84	139	832383	68.54	nq	83
56) 2,4-Dinitrotoluene	9.91	165	764043	43.85	nq	96
57) Fluorene	10.26	166	1855743	36.89	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	435087	35.71	nq	94
59) Diethylphthalate	10.16	149	2347821	39.73	nq	95
60) 4-Chlorophenyl-phenylether	10.26	204	858157	37.40	nq	99
61) 4-Nitroaniline	10.27	138	512093	36.71	nq	97
62) Azobenzene	10.42	77	2339371	42.11	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	46930	6.43	nq	86
65) n-Nitrosodiphenylamine	10.38	169	1745823	43.73	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	557992	41.92	nq	# 94
67) Hexachlorobenzene	10.81	284	612767	40.35	nq	# 95
68) Atrazine	10.91	200	548571	44.87	nq	96
69) Pentachlorophenol	11.00	266	596802	69.34	nq	96
70) Phenanthrene	11.22	178	2698480	42.08	nq	99
71) Anthracene	11.27	178	2555438	39.20	nq	99
72) Carbazole	11.43	167	2518101	43.07	nq	96
73) Di-n-butylphthalate	11.77	149	2805005	38.35	nq	99
74) Fluoranthene	12.40	202	2293984	37.61	nq	98
76) Benzidine	12.53	184	605862	22.85	nq	100
77) Pyrene	12.63	202	2396652	35.92	nq	99
79) Butylbenzylphthalate	13.27	149	1012913	33.61	nq	96
80) Benzo(a)anthracene	13.83	228	1764591	37.60	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	509933	33.14	nq	97
82) Chrysene	13.86	228	1636414	40.67	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	1388055	33.43	nq	97
84) Di-n-octyl phthalate	14.49	149	2271912	41.18	nq	100
85) Indeno(1,2,3-cd)pyrene	16.56	276	2731081	53.21	nq	99
87) Benzo(b)fluoranthene	14.88	252	1839442m	34.48	nq	
88) Benzo(k)fluoranthene	14.91	252	1815695m	37.51	nq	
89) Benzo(a)pyrene	15.21	252	1966667	38.95	nq	# 96
90) Dibenzo(a,h)anthracene	16.57	278	2266227	41.35	nq	# 95
91) Benzo(q,h,i)perylene	16.94	276	2370991	41.08	nq	97

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

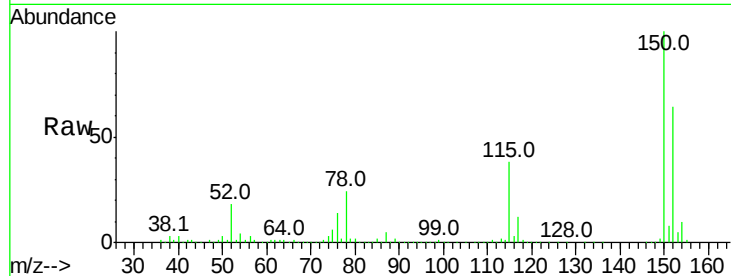
Instrument :
BNA_F
ClientSampled :
I-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.3	187.9
115	59.4	40.9	61.3

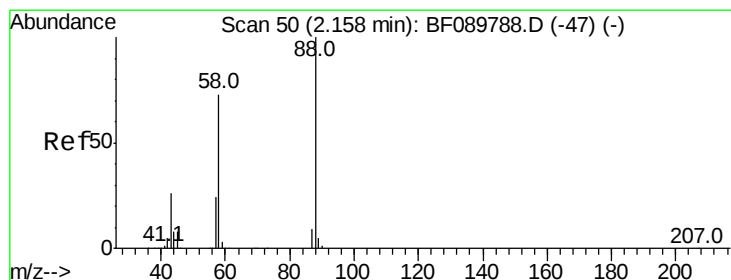
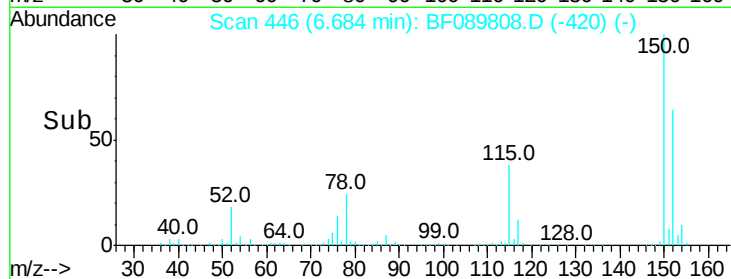
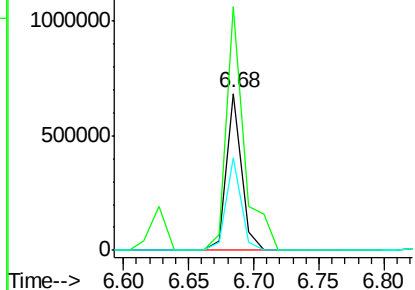
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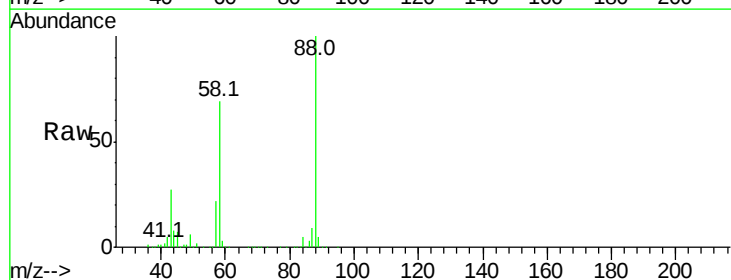
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



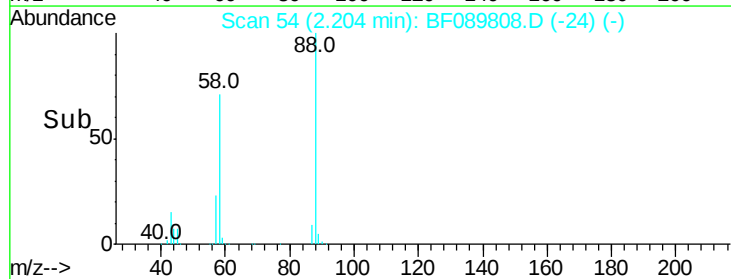
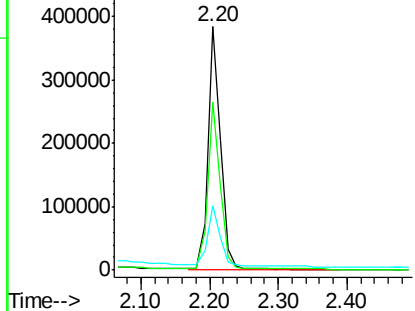
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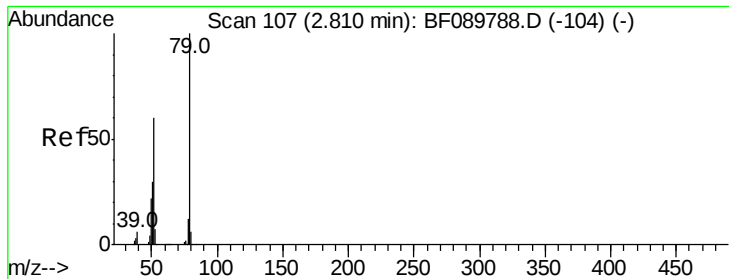
1,4-Dioxane
Concen: 30.27 ng
RT: 2.20 min Scan# 54
Delta R.T. 0.05 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	57.0	85.4
43	25.8	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: 32.27 ng

RT: 2.84 min Scan# 110

Delta R.T. 0.03 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

Tot Ion: 79 Resp: 1357117

Ion Ratio Lower Upper

79 100

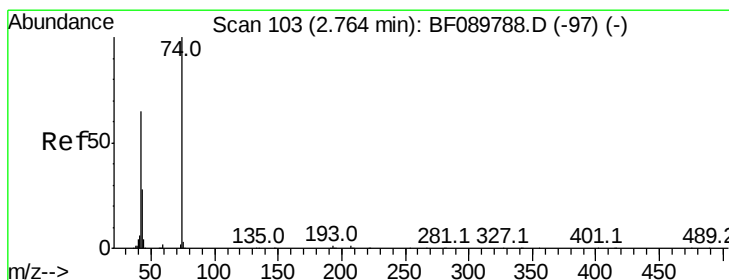
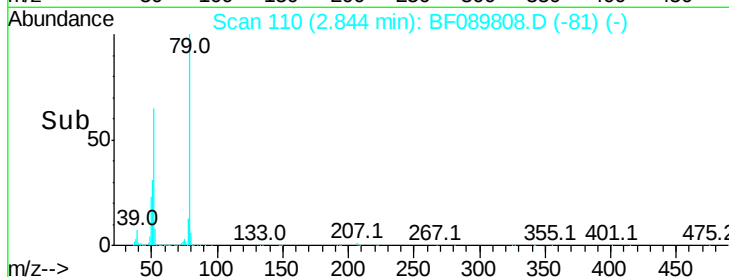
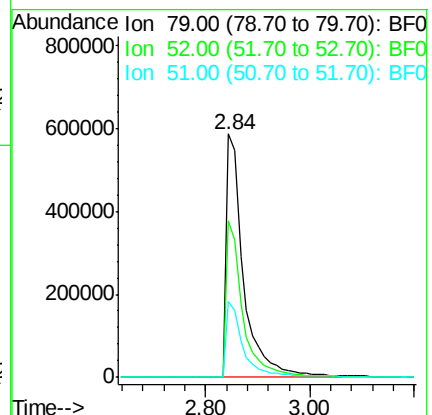
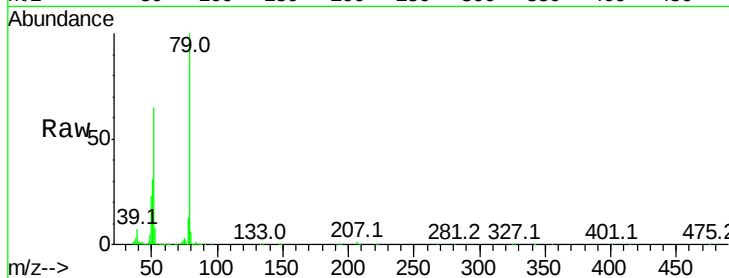
52 64.5 53.6 80.4

51 30.9 26.6 39.8

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#4

n-Nitrosodimethylamine

Concen: 35.80 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.03 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

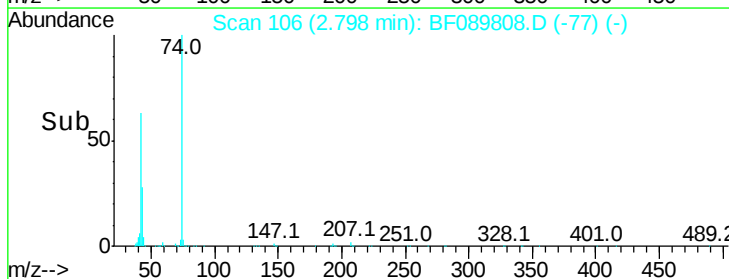
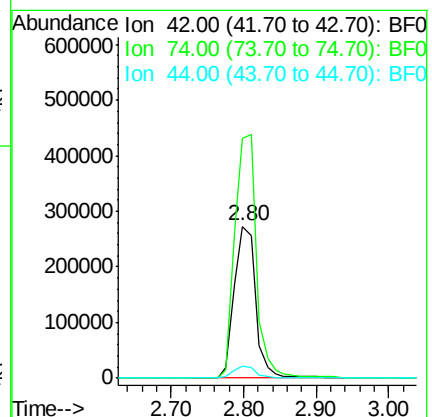
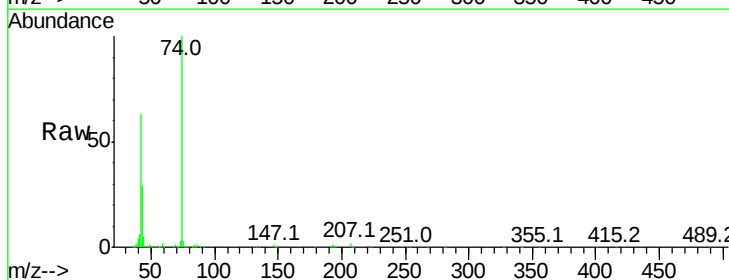
Tgt Ion: 42 Resp: 560434

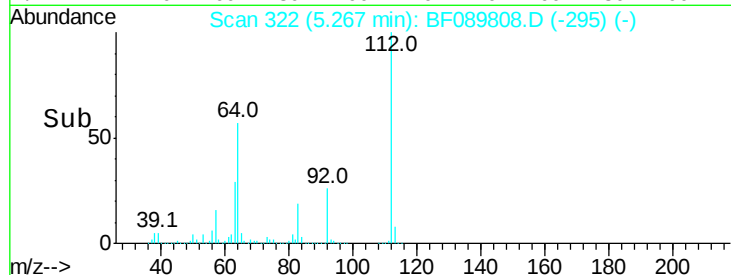
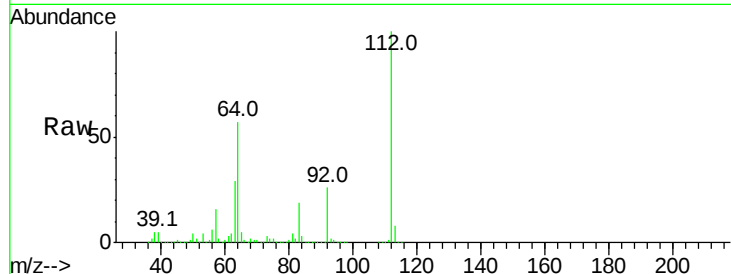
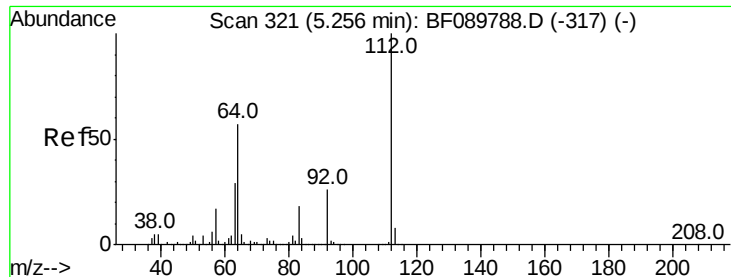
Ion Ratio Lower Upper

42 100

74 157.9 106.2 159.2

44 7.5 6.9 10.3





#5
2-Fluorophenol
Concen: 98.60 ng
RT: 5.27 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

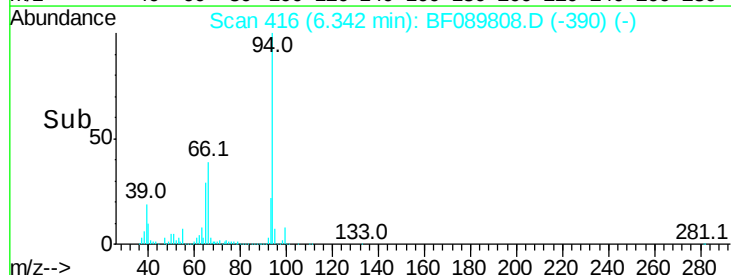
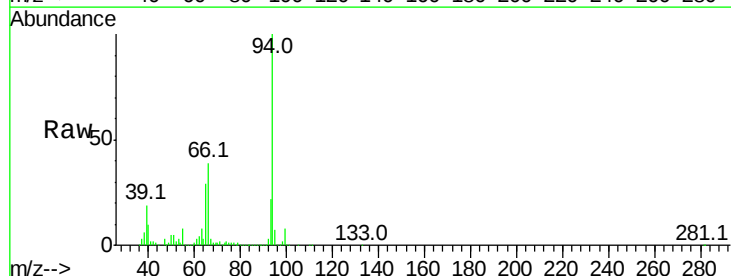
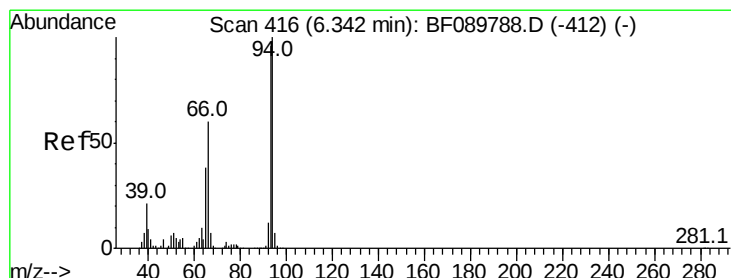
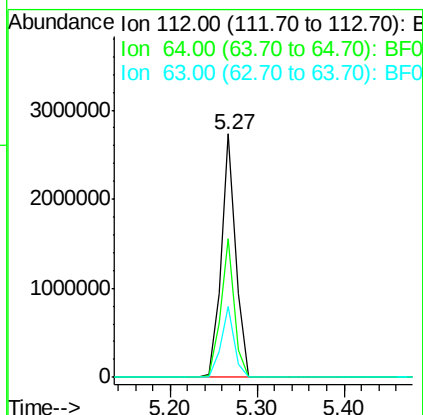
Tot Ion:	112	Resp:	3194498
Ion Ratio	Lower	Upper	
112	100		
64	57.1	45.0	67.4
63	28.9	23.1	34.7

Instrument :
BNA_F
ClientSampleId :
I-3MS

Manual Integrations
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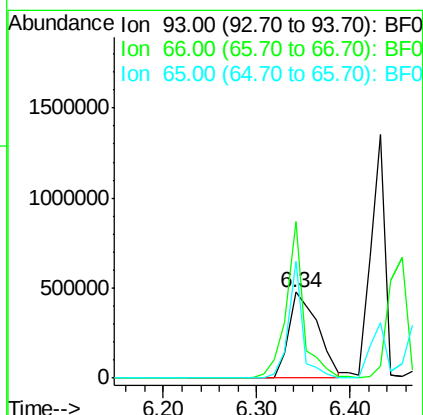
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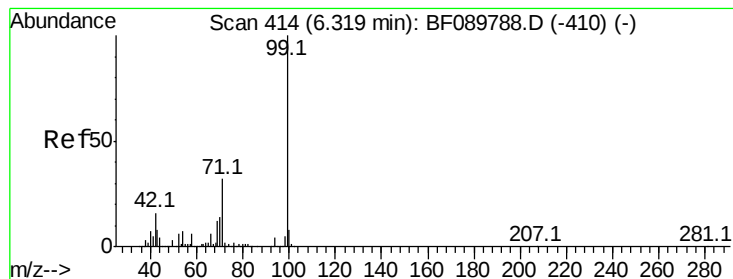
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#6
Aniline
Concen: 19.40 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:	93	Resp:	1034655
Ion Ratio	Lower	Upper	
93	100		
66	182.2	30.6	46.0#
65	135.7	15.4	23.2#





#7

Phenol-d6

Concen: 105.17 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

Tot Ion: 99 Resp: 4182353

Ion Ratio Lower Upper

99 100

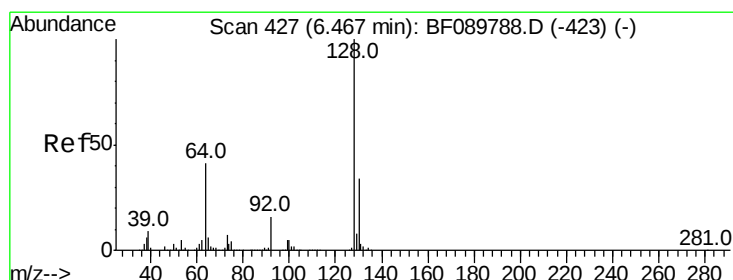
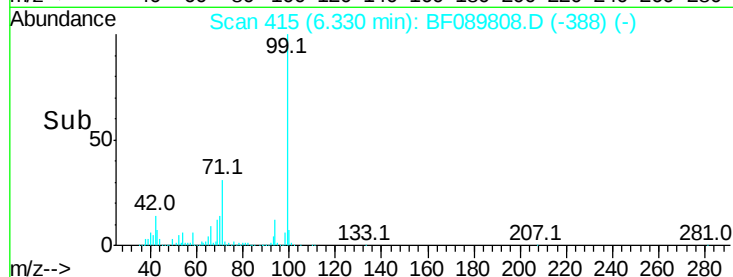
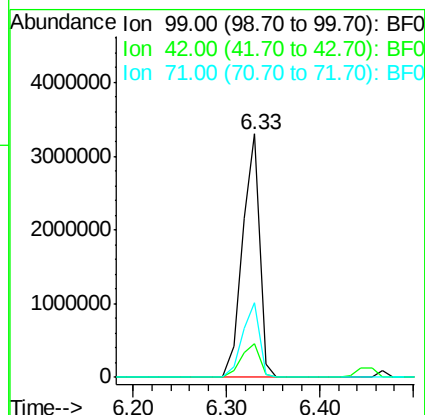
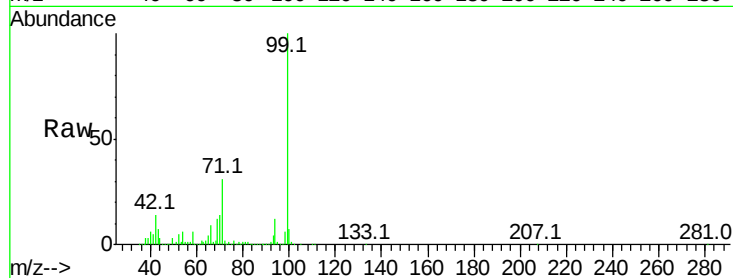
42 14.0 12.2 18.4

71 30.6 23.8 35.8

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#8

2-Chlorophenol

Concen: 35.93 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

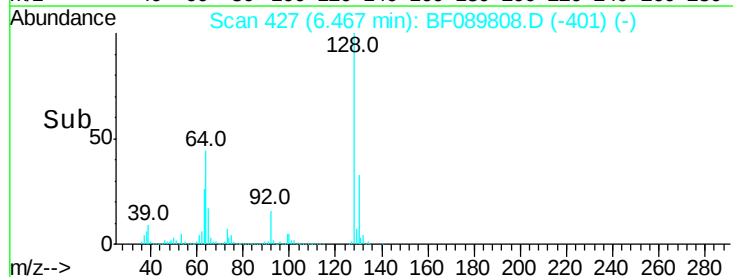
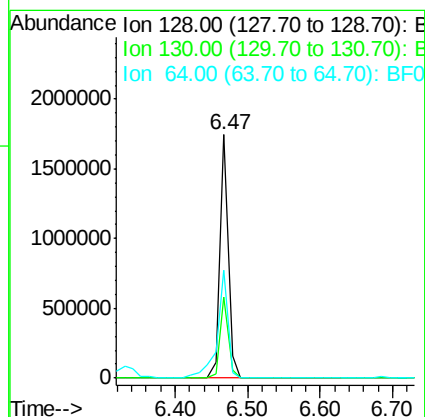
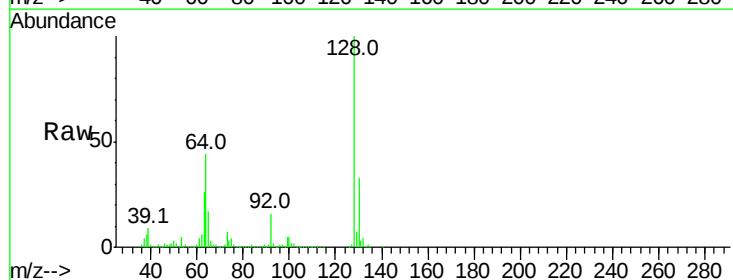
Tgt Ion:128 Resp: 1391902

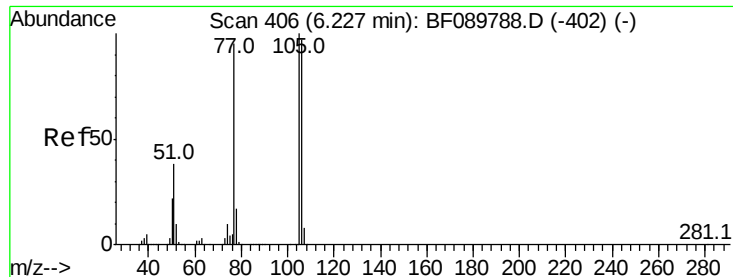
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 44.1 35.1 75.1





#9

Benzaldehyde

Concen: 15.35 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

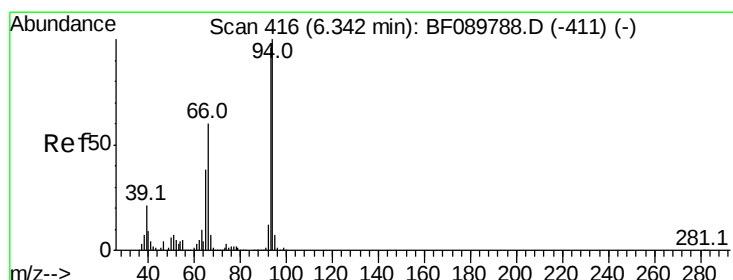
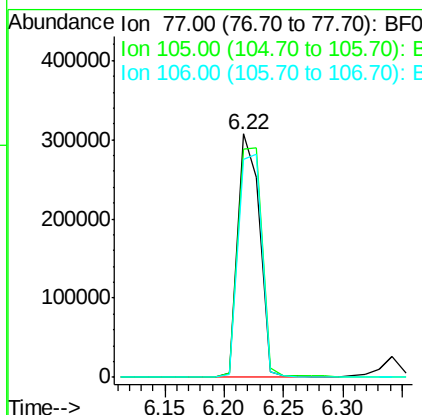
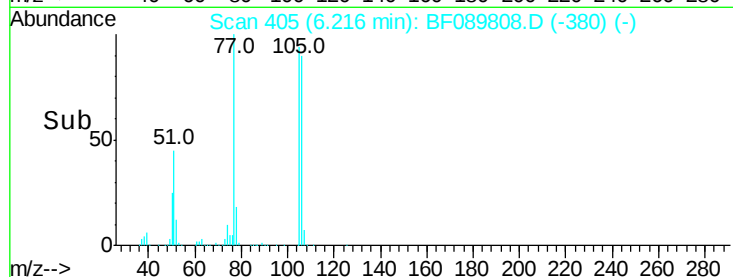
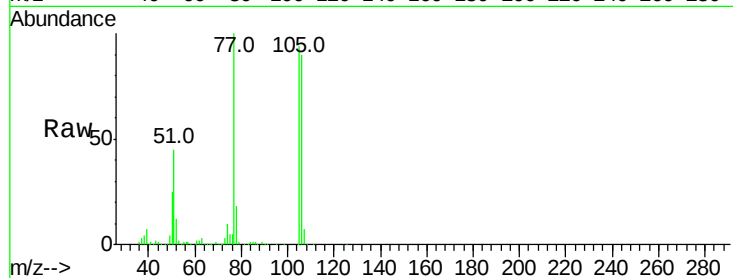
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Tot Ion:	77	Resp:	397757
Ion	Ratio	Lower	Upper
77	100		
105	93.6	73.3	113.3
106	89.7	68.6	108.6



#10

Phenol

Concen: 40.24 ng

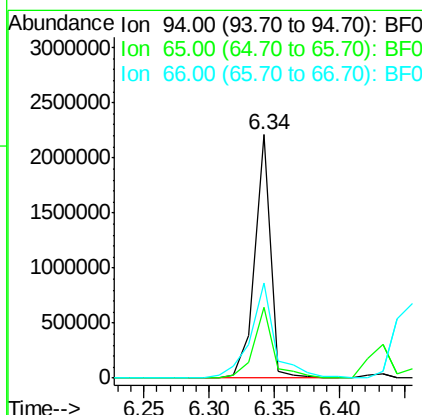
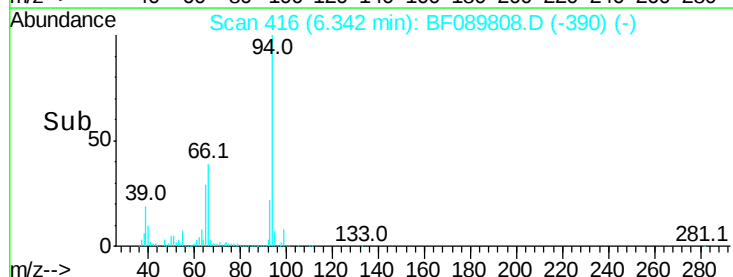
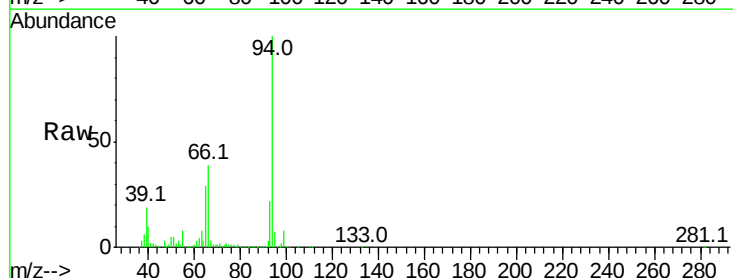
RT: 6.34 min Scan# 416

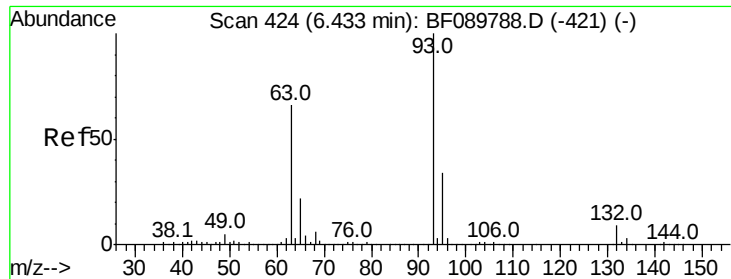
Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Tgt Ion:	94	Resp:	1875620
Ion	Ratio	Lower	Upper
94	100		
65	29.3	14.0	54.0
66	39.3	31.2	71.2





#11
 bis(2-Chloroethyl)ether
 Concen: 38.79 ng
 RT: 6.43 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

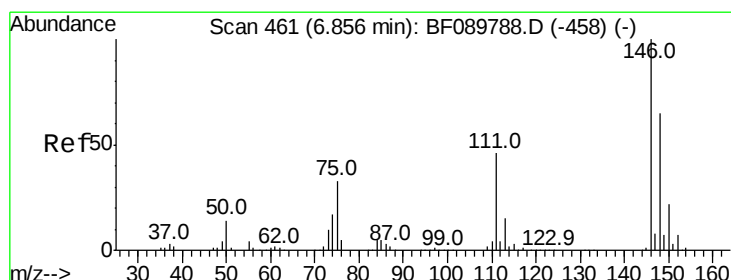
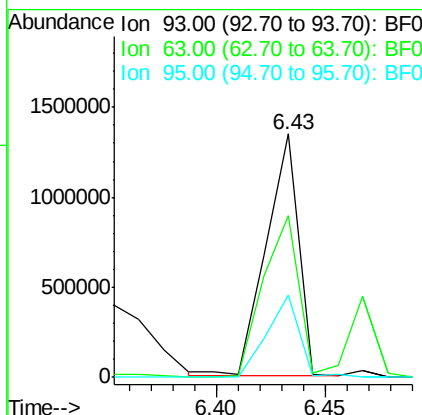
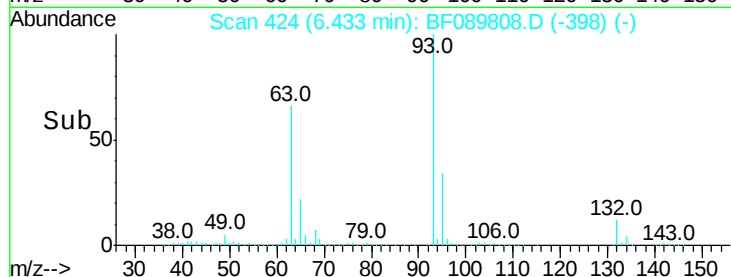
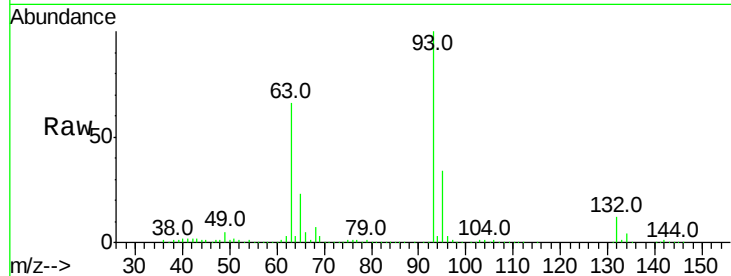
Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

Tot Ion:	93	Resp:	1402082
Ion	Ratio	Lower	Upper
93	100		
63	66.3	55.8	95.8
95	34.0	13.0	53.0

Manual Integrations
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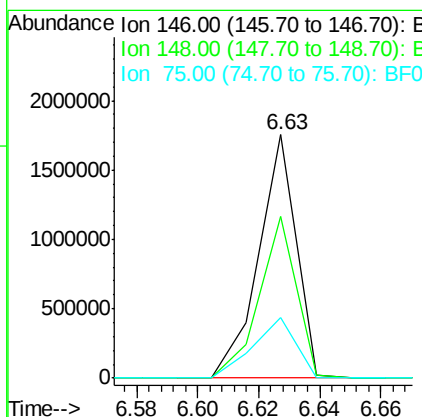
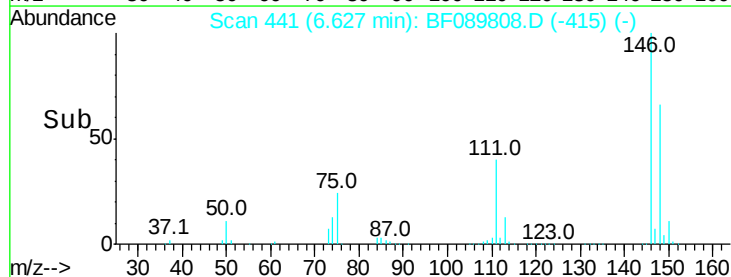
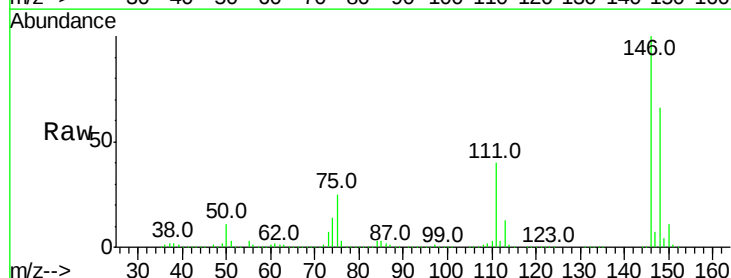
sohil

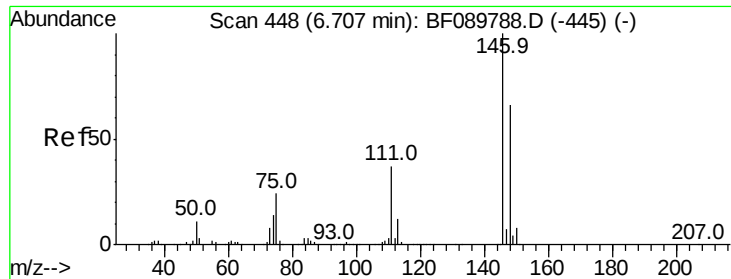
8/22/2016 3:48:11 PM



#12
 1,3-Dichlorobenzene
 Concen: 36.96 ng m
 RT: 6.63 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion:	146	Resp:	1496871
Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.0	76.4
75	24.7	27.0	40.6#





#13
 1,4-Dichlorobenzene
 Concen: 35.48 ng/ml
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

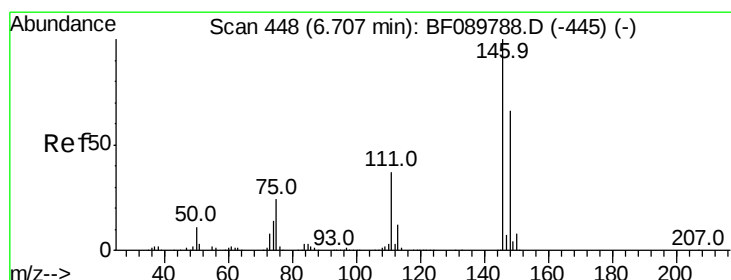
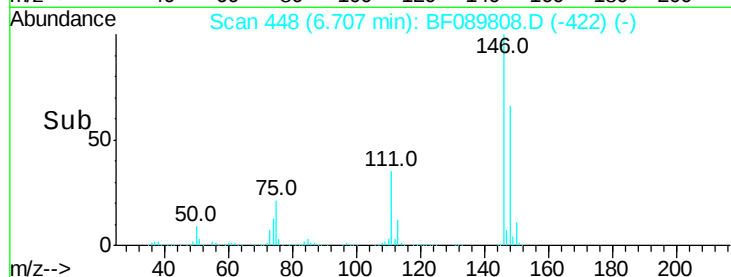
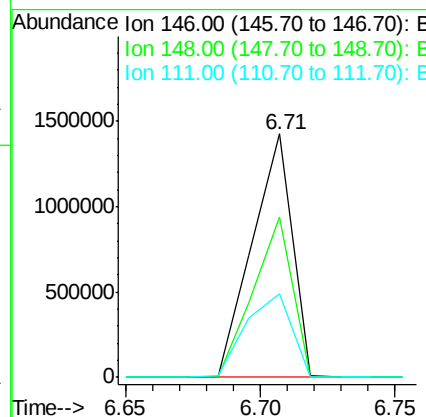
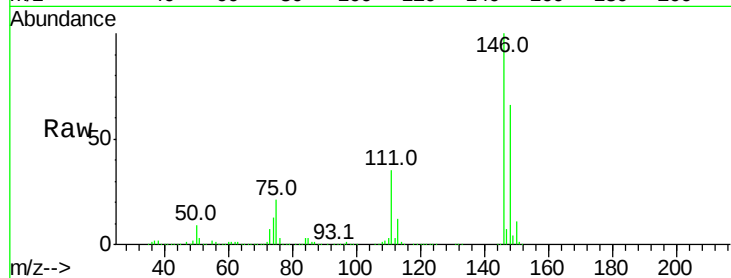
Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.0	76.6
111	34.6	34.6	52.0

Manual Integrations
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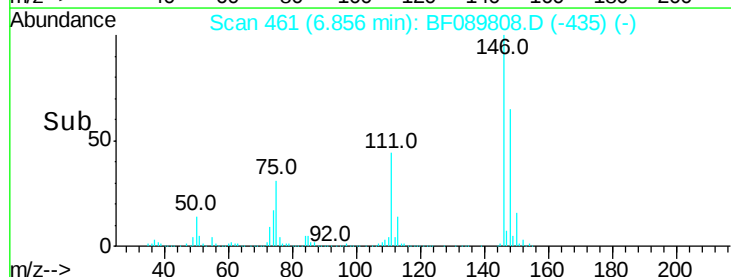
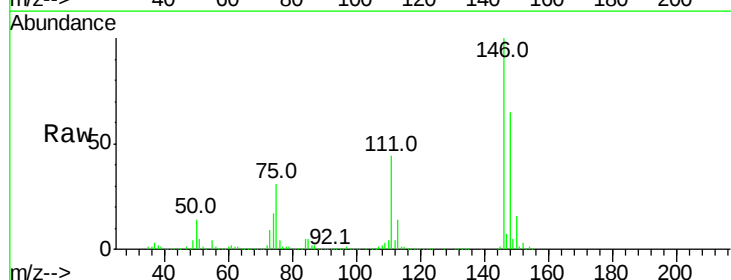
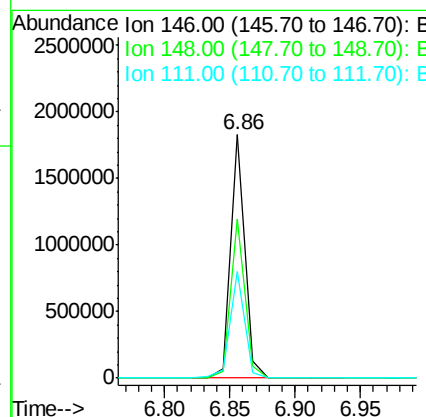
sohil

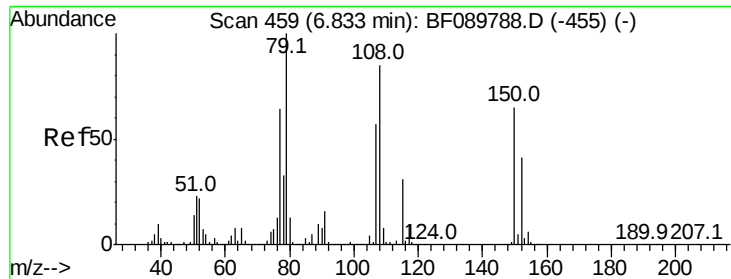
8/22/2016 3:48:11 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.93 ng/ml
 RT: 6.86 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.2
111	44.0	29.8	44.6





#15

Benzyl Alcohol

Concen: 39.72 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

Tot Ion: 79 Resp: 1047497

Ion Ratio Lower Upper

79 100

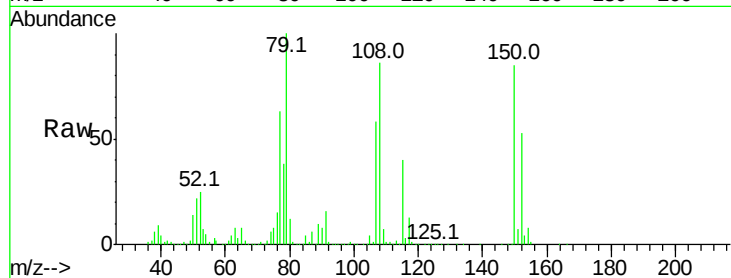
108 85.7 62.5 93.7

77 63.3 51.5 77.3

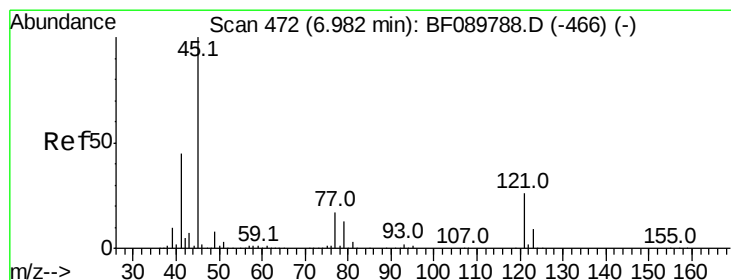
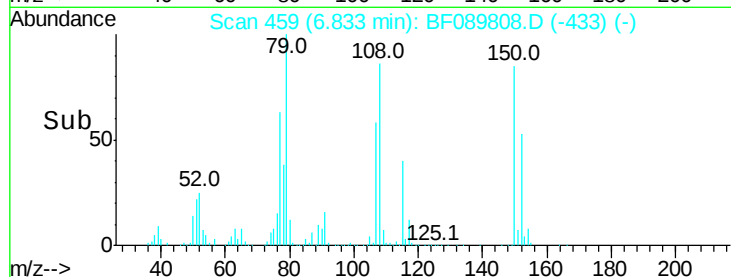
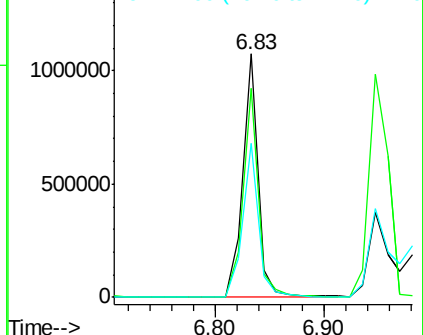
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.84 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

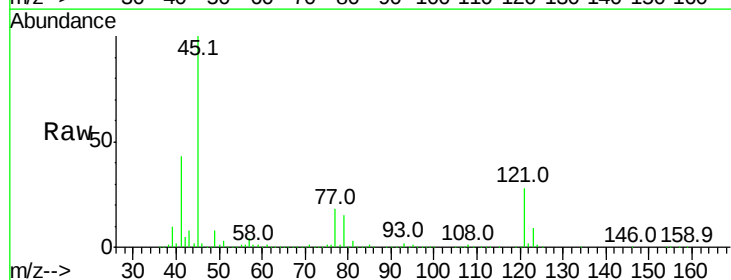
Tgt Ion: 45 Resp: 1611858

Ion Ratio Lower Upper

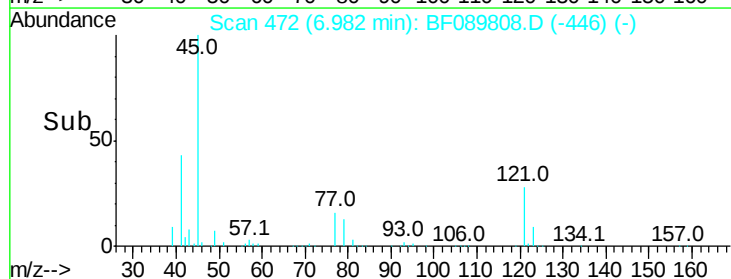
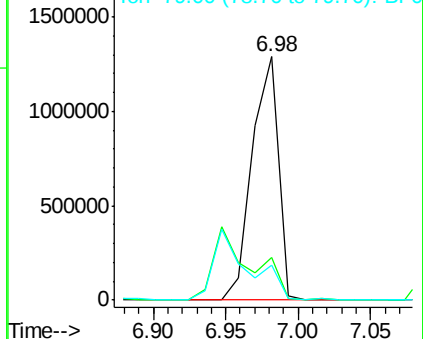
45 100

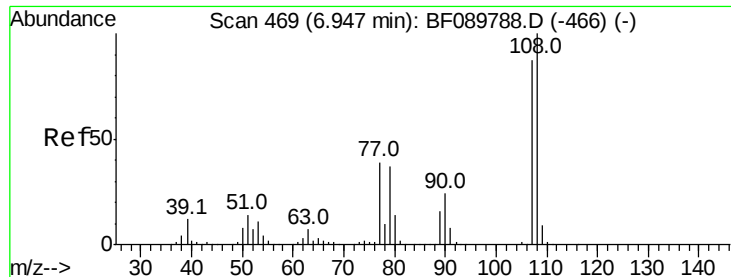
77 17.6 0.0 33.5

79 14.6 0.0 30.7



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 34.35 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampled :

I-3MS

Tot Ion:107 Resp: 1042231

Ion Ratio Lower Upper

107 100

108 115.7 91.0 136.4

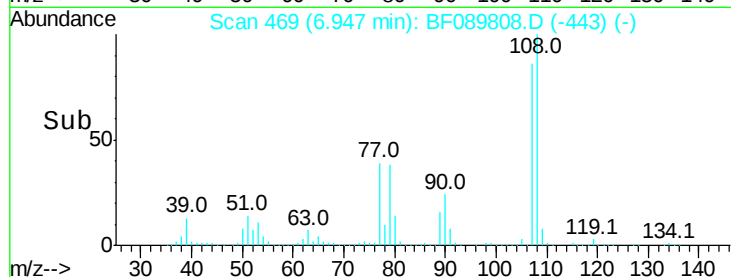
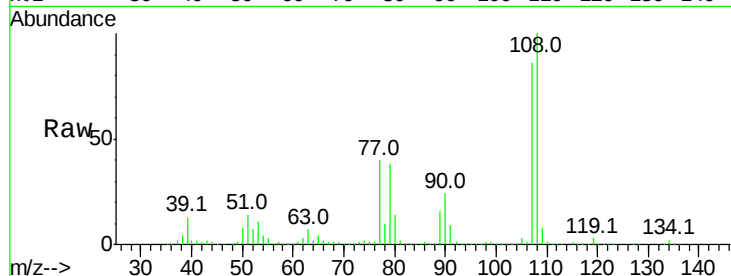
77 45.8 37.4 56.0

79 43.7 36.6 55.0

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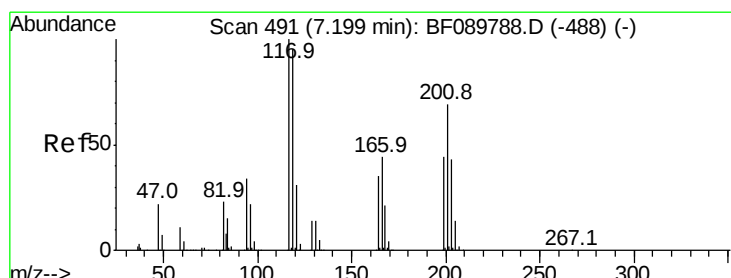
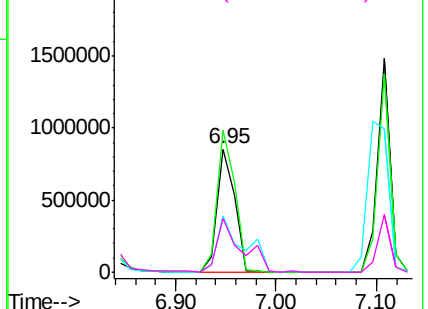


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.77 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

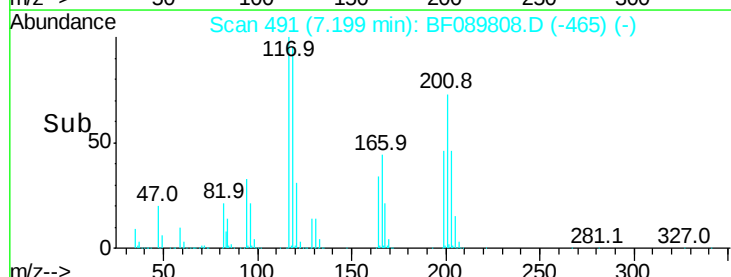
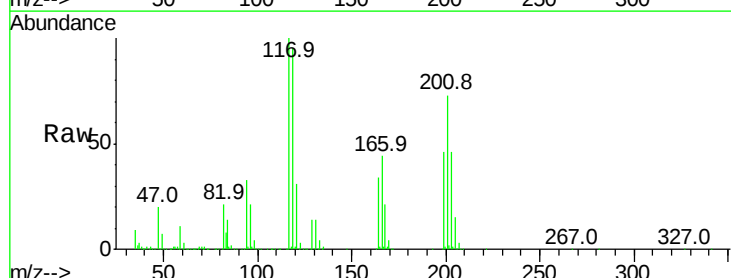
Tgt Ion:117 Resp: 516265

Ion Ratio Lower Upper

117 100

119 94.9 77.1 115.7

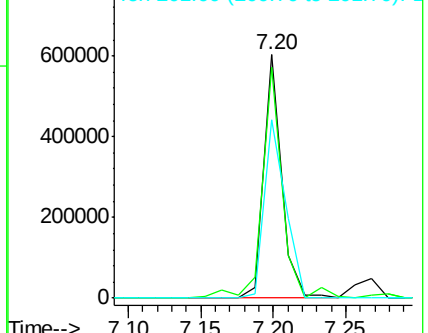
201 73.2 76.9 115.3#

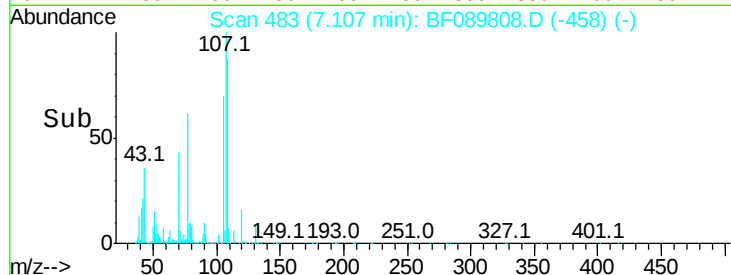
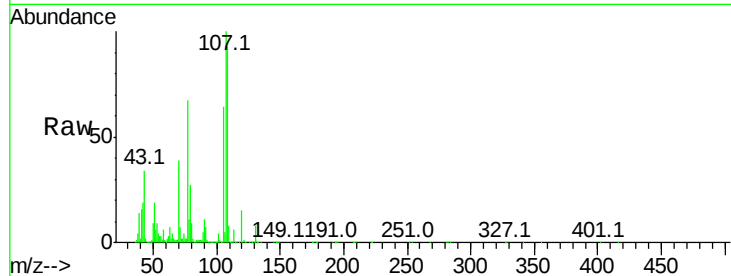
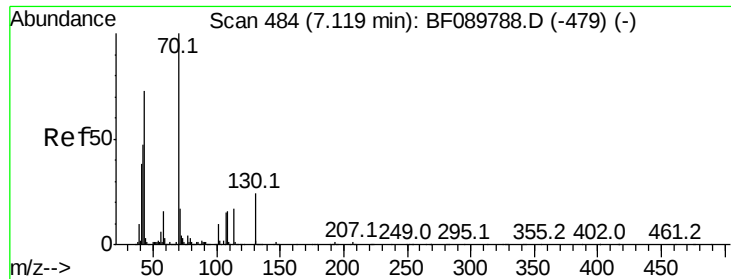


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 35.86 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

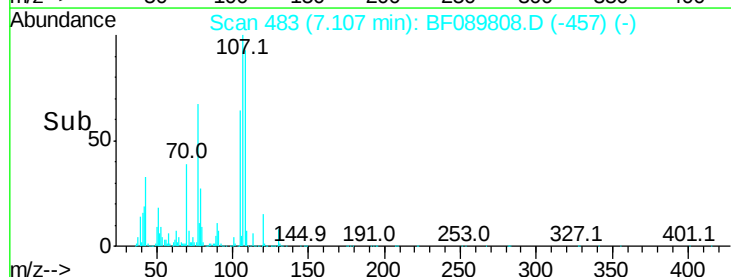
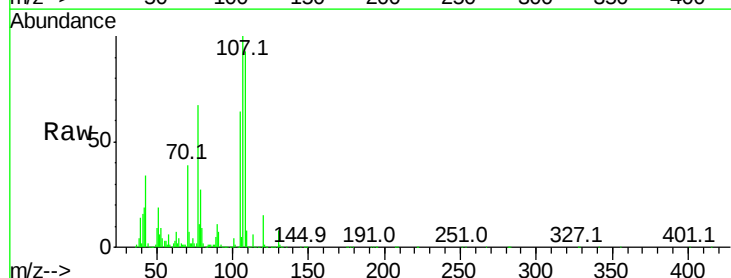
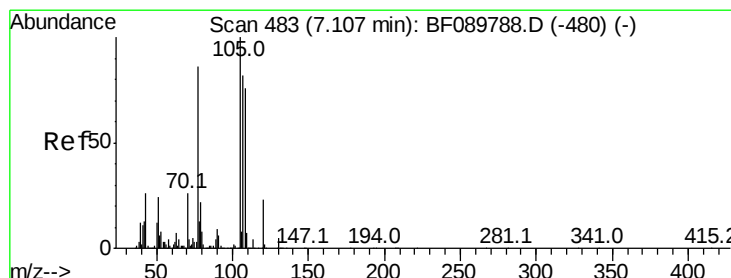
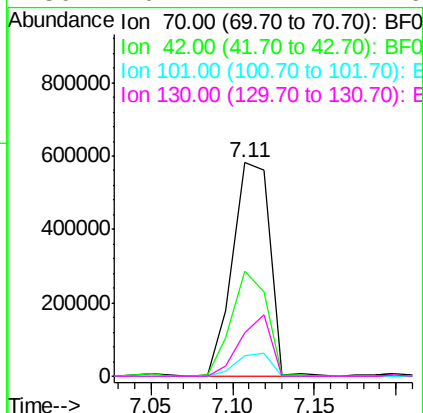
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.4	46.3	69.5
101	9.9	7.0	10.6
130	20.4	14.4	21.6

Instrument :
BNA_F
ClientSampleId :
I-3MS

Manual Integrations
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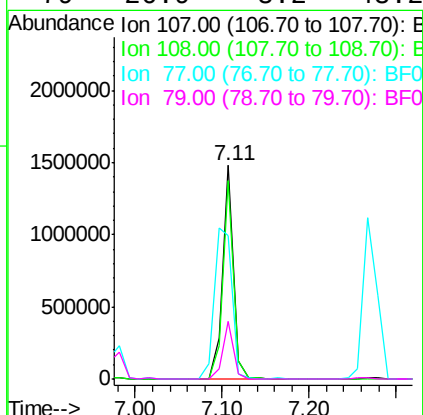
sohil

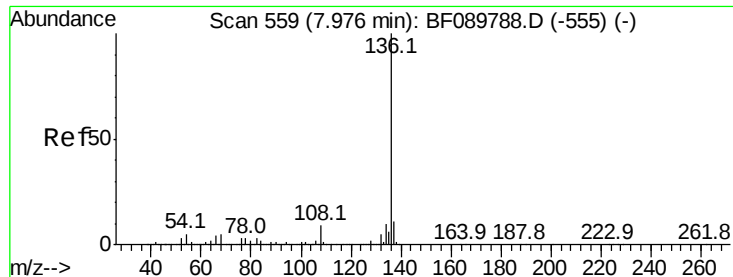
8/22/2016 3:48:11 PM



#20
3+4-Methylphenols
Concen: 35.20 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.2	108.2
77	67.3	122.3	162.3#
79	26.9	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: BF089808.D
Acq: 19 Aug 2016 20:53

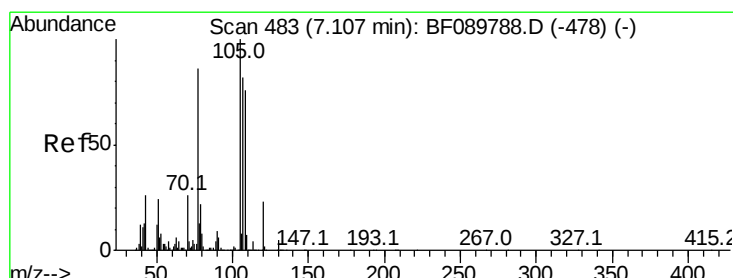
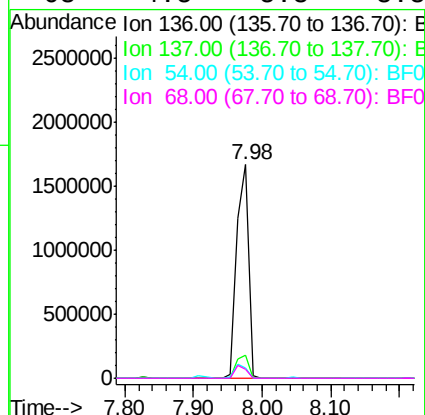
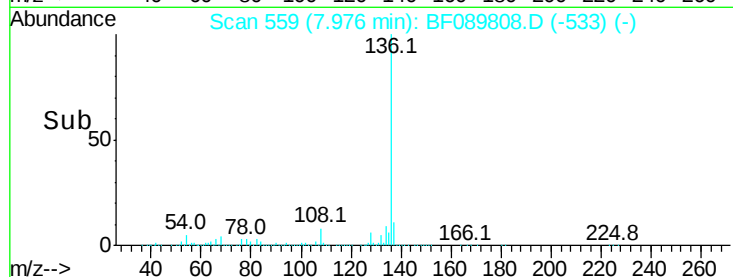
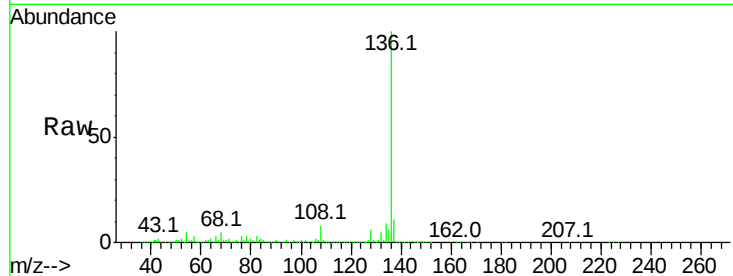
Instrument :
BNA_F
ClientSampled :
I-3MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	4.8	7.2	10.8#
68	4.5	5.8	8.8#

Manual Integrations
APPROVED

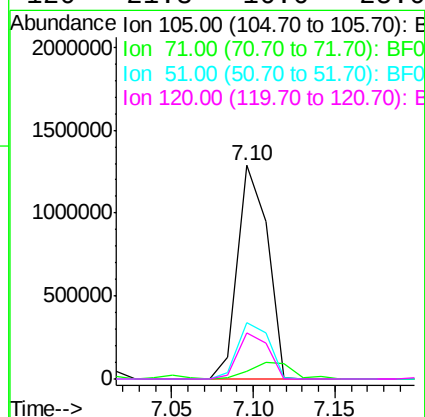
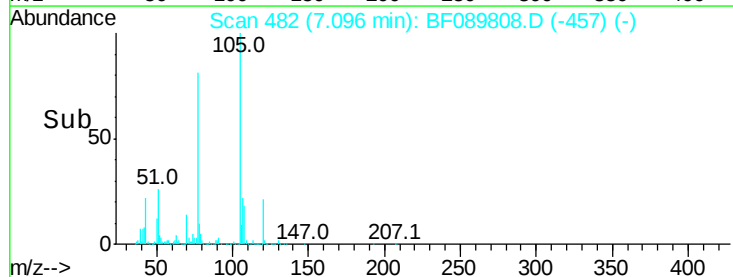
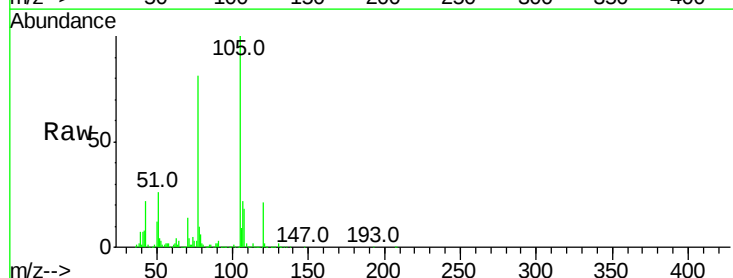
sohil

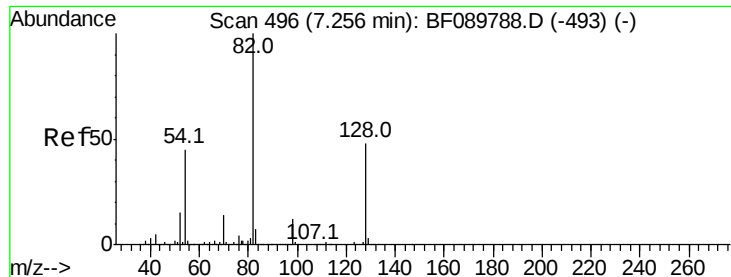
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#22
Acetophenone
Concen: 34.85 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.6	1.9	2.9#
51	26.5	28.5	42.7#
120	21.3	16.6	25.0





#23
 Nitrobenzene-d5
 Concen: 80.19 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

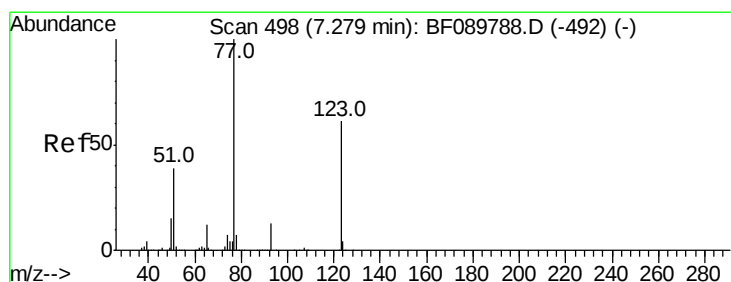
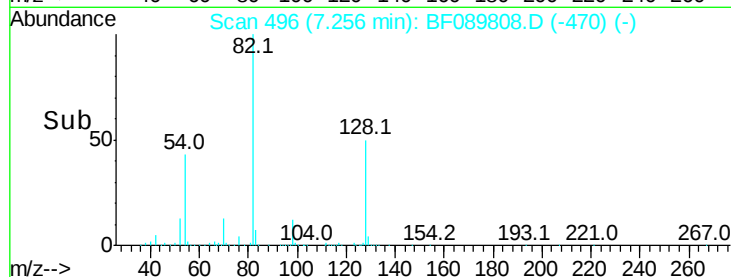
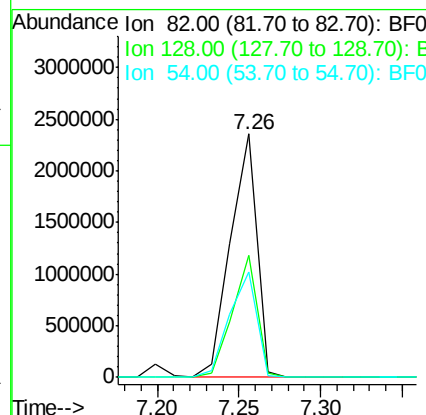
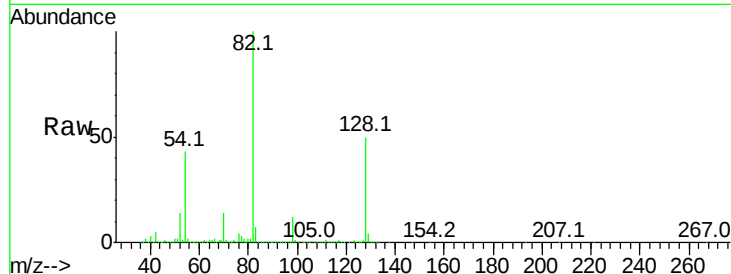
Instrument :
 BNA_F
 ClientSampled :
 I-3MS

Tot Ion:	82	Resp:	2631981
Ion	Ratio	Lower	Upper
82	100		
128	50.4	34.4	51.6
54	43.5	40.3	60.5

Manual Integrations
 APPROVED

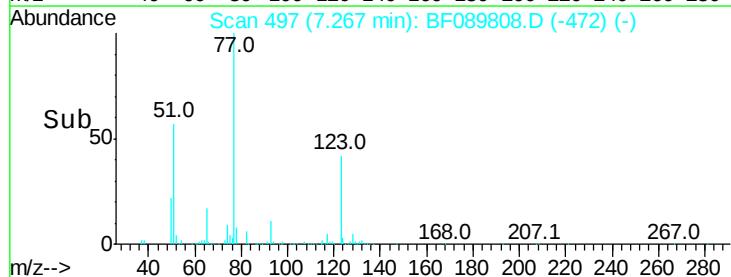
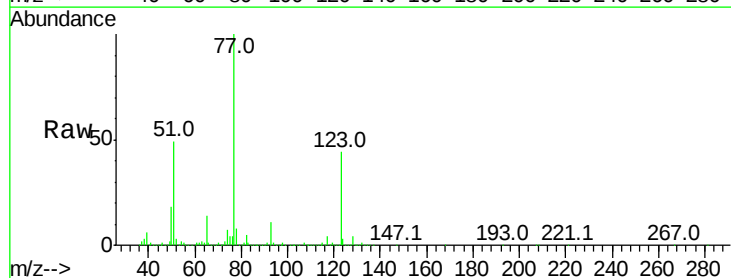
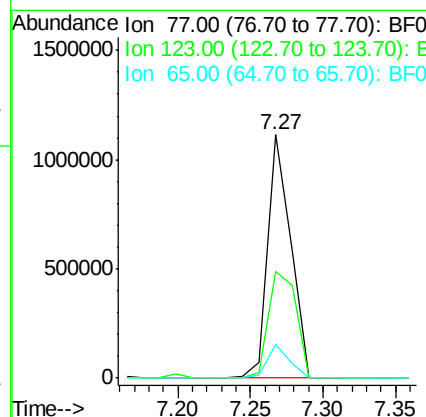
sohil

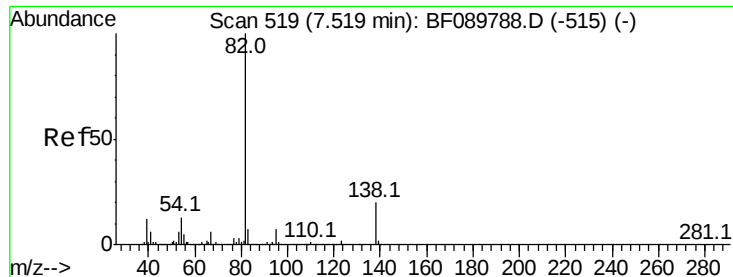
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#24
 Nitrobenzene
 Concen: 33.03 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion:	77	Resp:	1216273
Ion	Ratio	Lower	Upper
77	100		
123	43.9	36.2	54.2
65	13.8	10.6	15.8





#25

Isophorone

Concen: 37.17 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

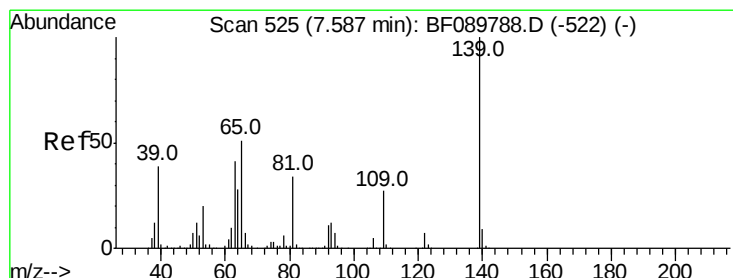
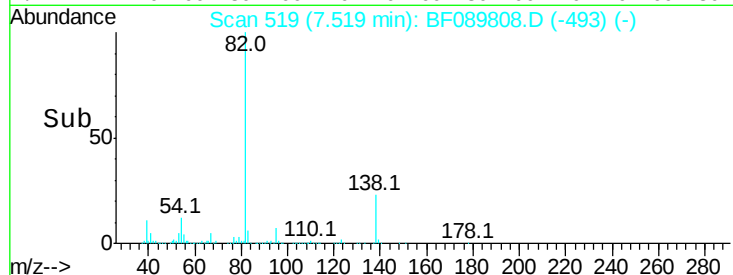
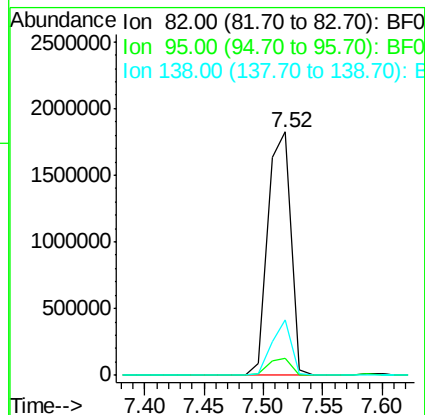
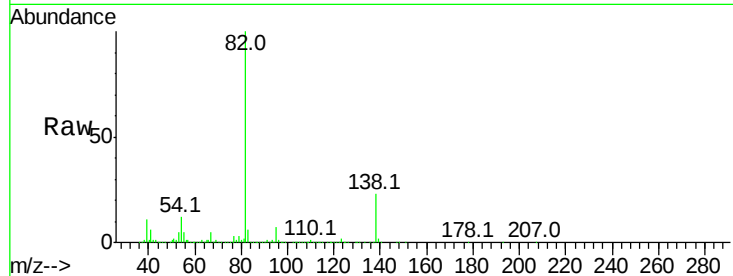
I-3MS

Tot Ion:	82	Resp:	2460811
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.3	7.9
138	22.8	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.49 ng

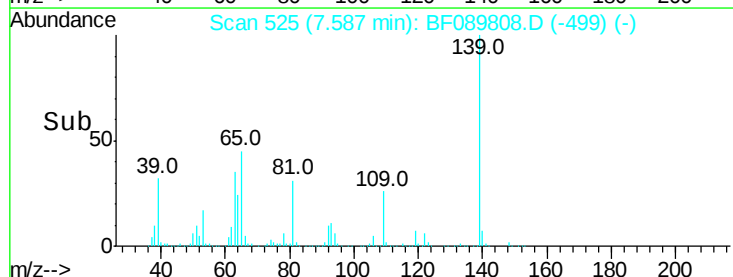
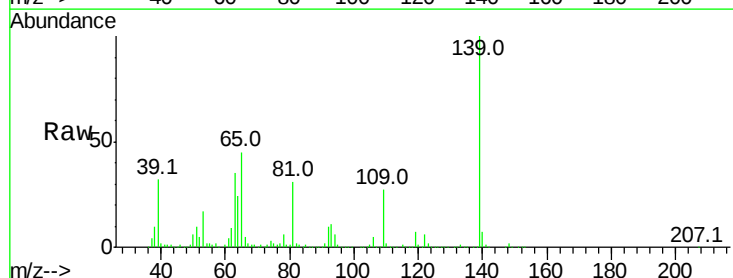
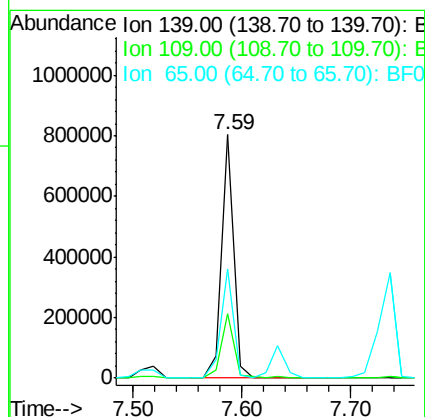
RT: 7.59 min Scan# 525

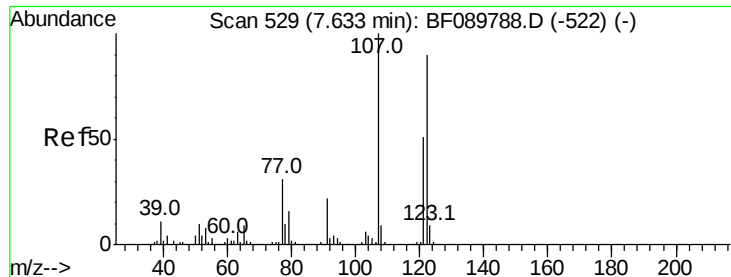
Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Tgt Ion:	139	Resp:	633589
Ion	Ratio	Lower	Upper
139	100		
109	26.5	19.5	29.3
65	44.7	26.5	39.7





#27

2,4-Dimethylphenol

Concen: 31.62 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

Tot Ion:122 Resp: 1046939

Ion Ratio Lower Upper

122 100

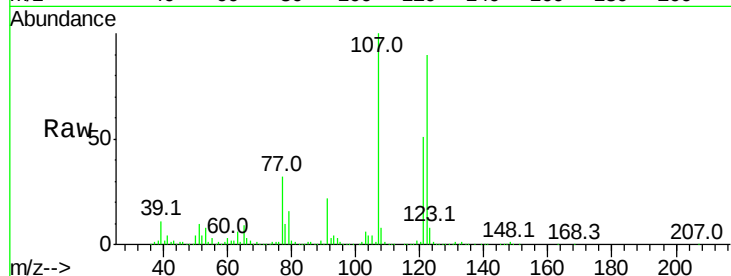
107 111.5 84.8 127.2

121 57.4 47.0 70.6

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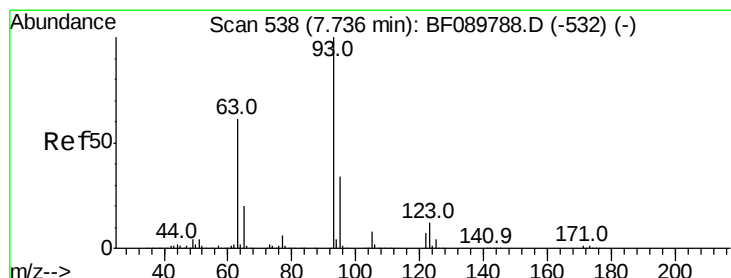
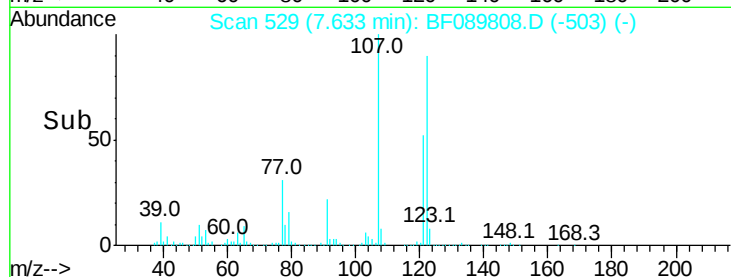
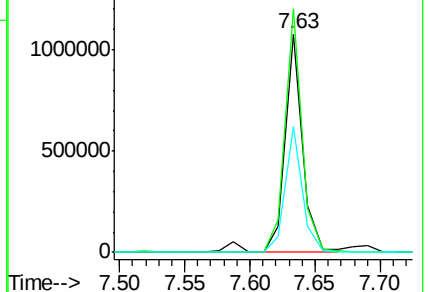
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.00 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

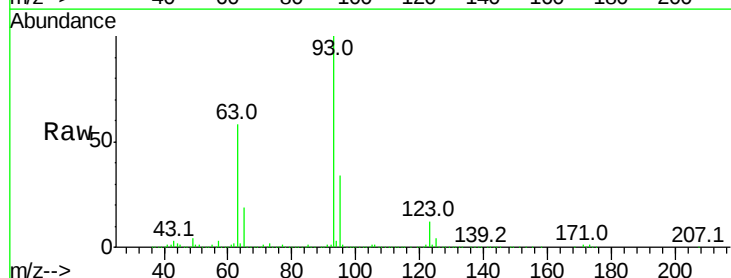
Tgt Ion: 93 Resp: 1761310

Ion Ratio Lower Upper

93 100

95 34.3 25.5 38.3

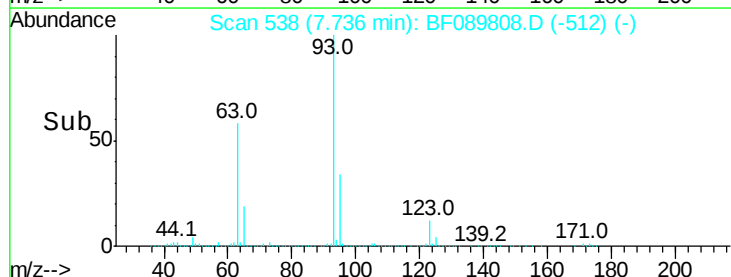
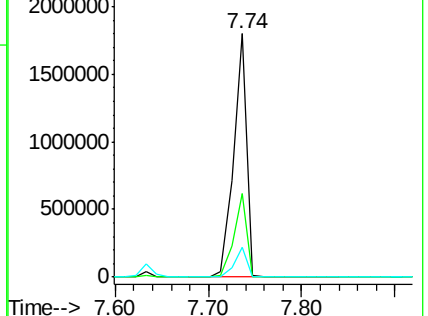
123 12.2 8.5 12.7

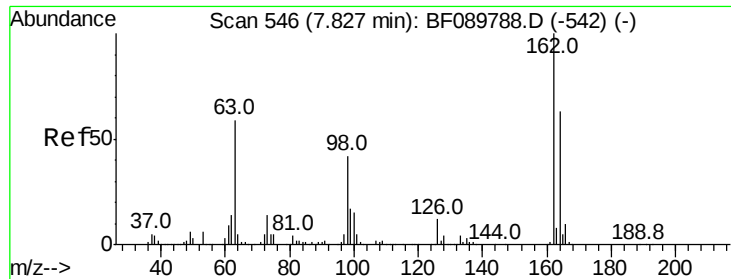


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.03 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampled :

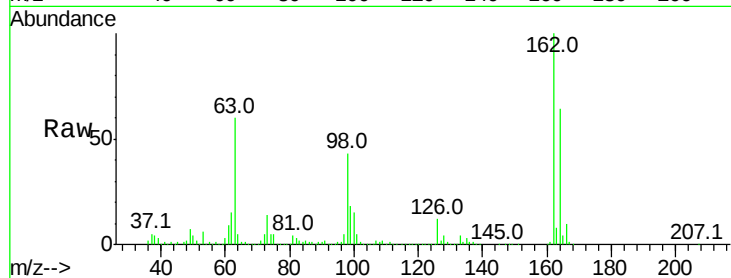
I-3MS

Tot Ion:	162	Resp:	973273
Ion Ratio	Lower	Upper	
162	100		
164	63.6	45.5	85.5
98	43.0	12.4	52.4

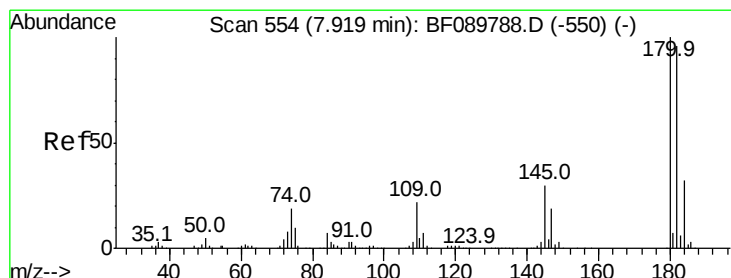
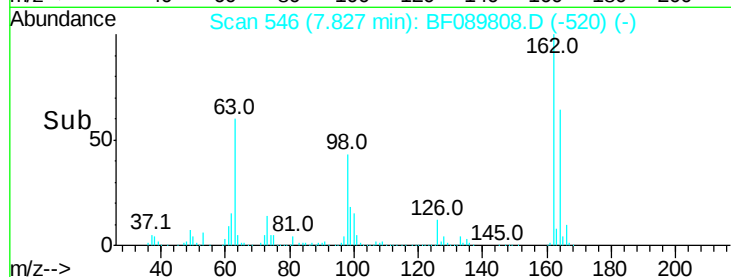
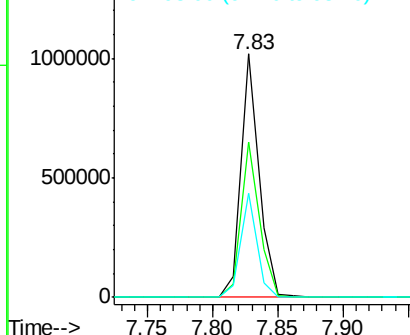
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 36.91 ng

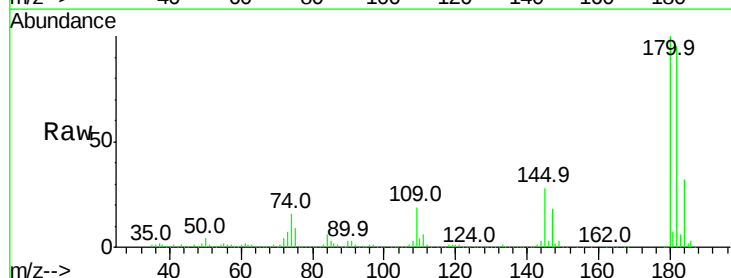
RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

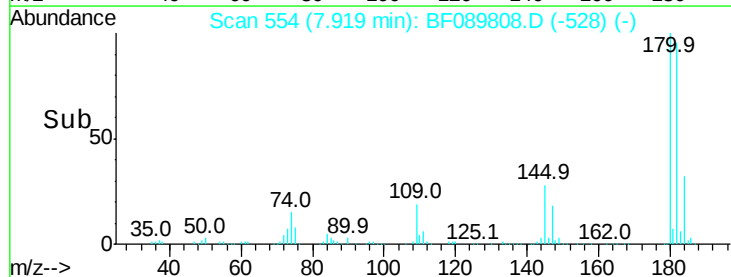
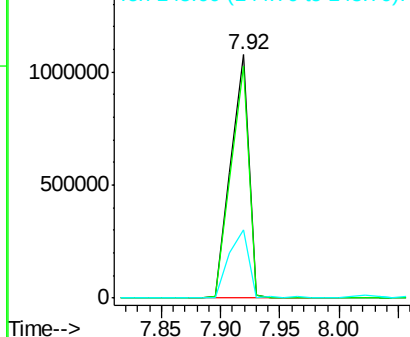
Lab File: BF089808.D

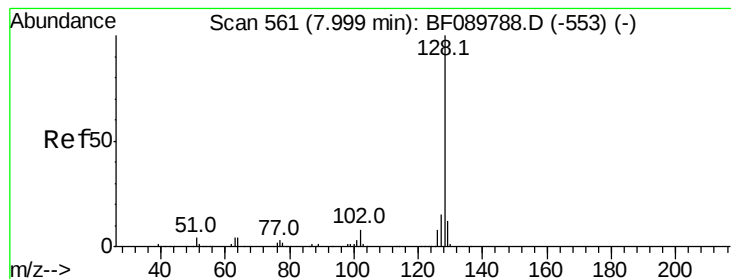
Acq: 19 Aug 2016 20:53

Tgt Ion:	180	Resp:	1134242
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.5	113.3
145	27.9	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: 36.40 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

Tot Ion:128 Resp: 3468807

Ion Ratio Lower Upper

128 100

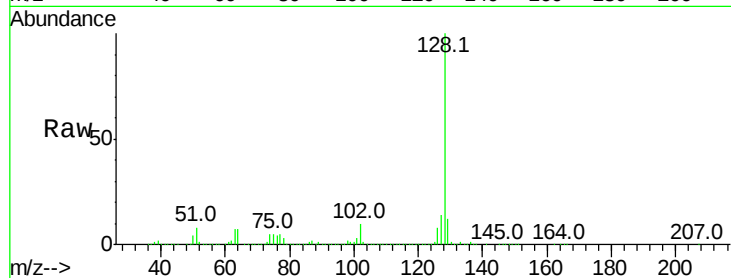
129 12.4 9.5 14.3

127 14.0 11.3 16.9

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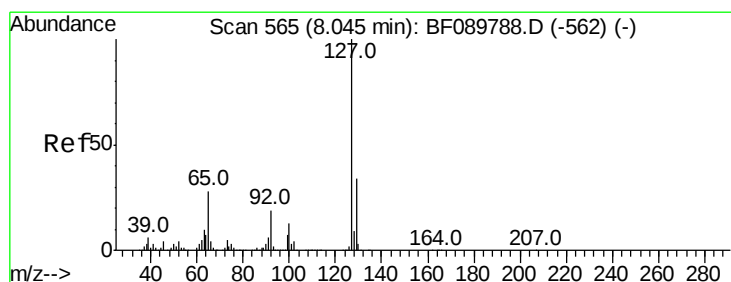
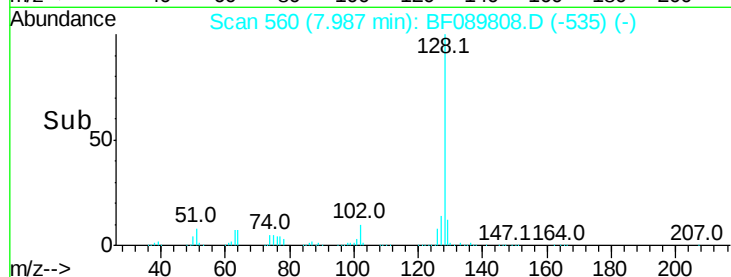
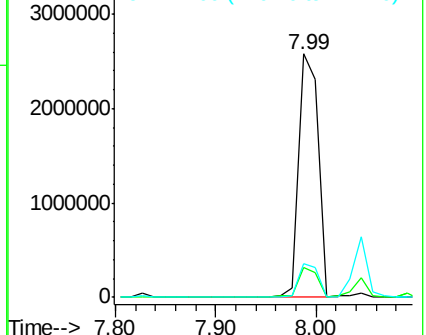
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 15.32 ng

RT: 8.04 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Tgt Ion:127 Resp: 632827

Ion Ratio Lower Upper

127 100

129 32.4 27.0 40.6

65 24.0 14.7 22.1#

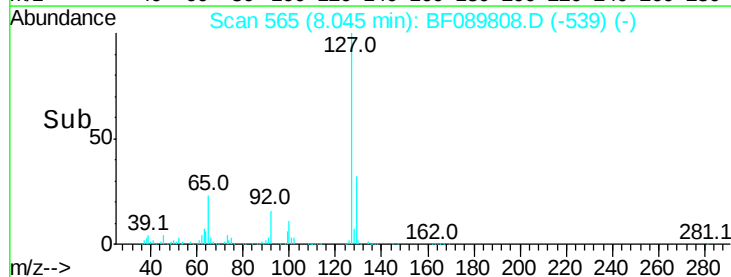
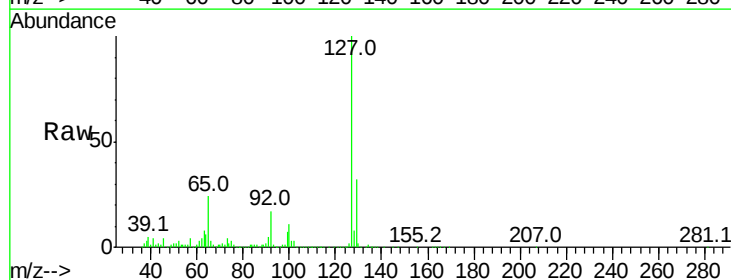
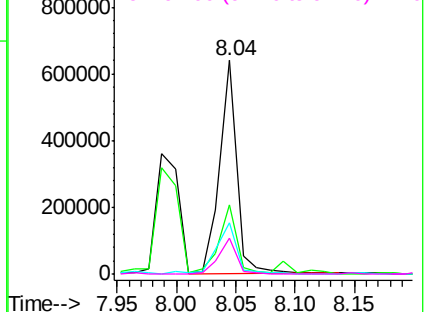
92 16.8 11.7 17.5

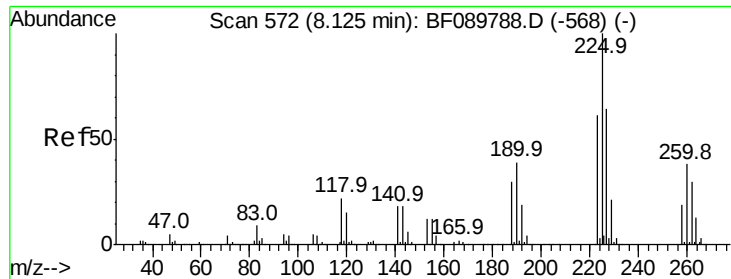
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34
Hexachlorobutadiene
Concen: 35.49 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

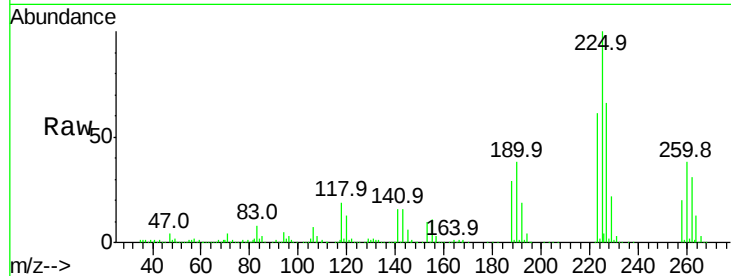
Instrument :
BNA_F
ClientSampleId :
I-3MS

Tot Ion	Ratio	Resp Lower	Upper
225	100		
223	61.1	51.0	76.6
227	66.2	49.8	74.6

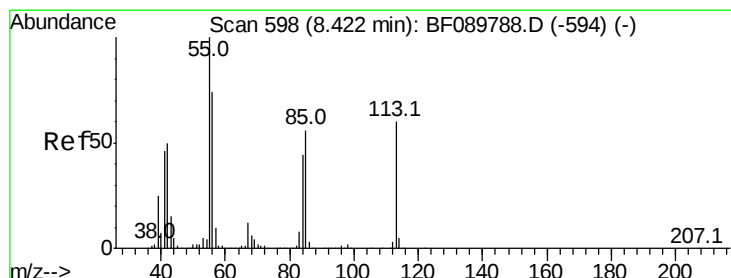
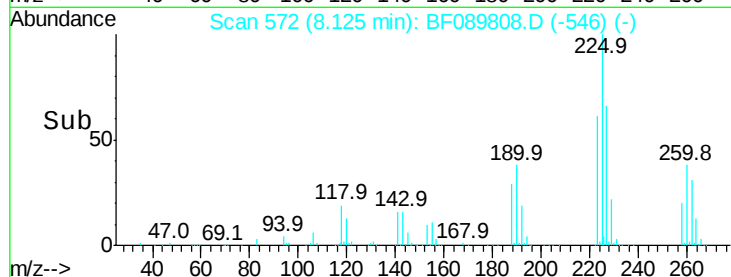
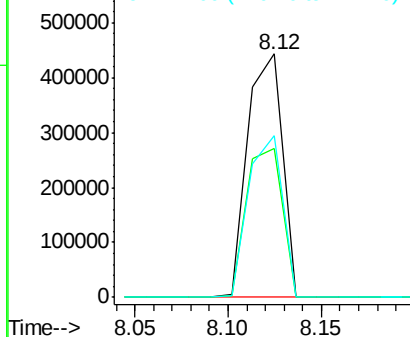
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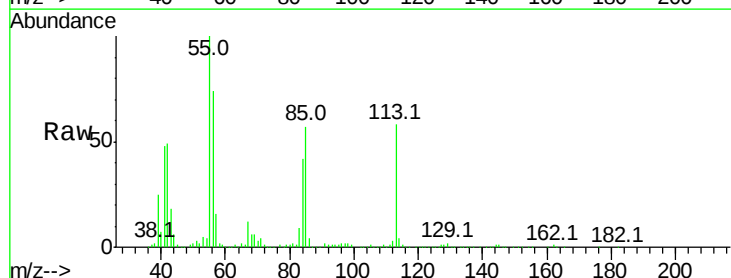


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

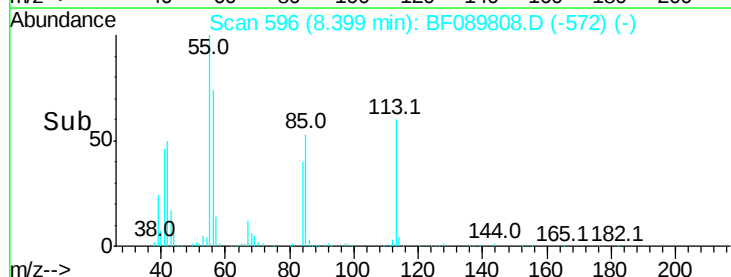
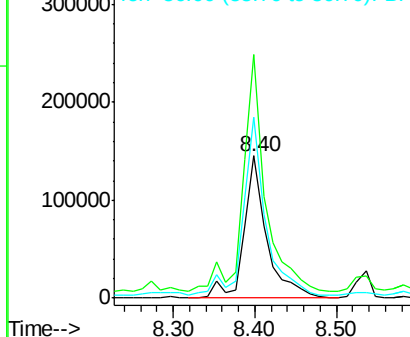


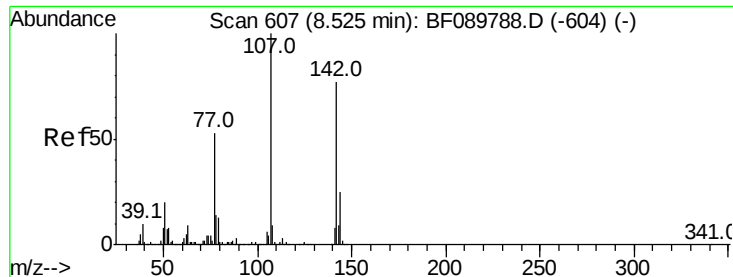
#35
Caprolactam
Concen: 32.15 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
55	171.3	135.9	175.9
56	126.9	93.9	133.9



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36
4-Chloro-3-methylphenol
Concen: 36.94 ng
RT: 8.54 min Scan# 608
Delta R.T. 0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

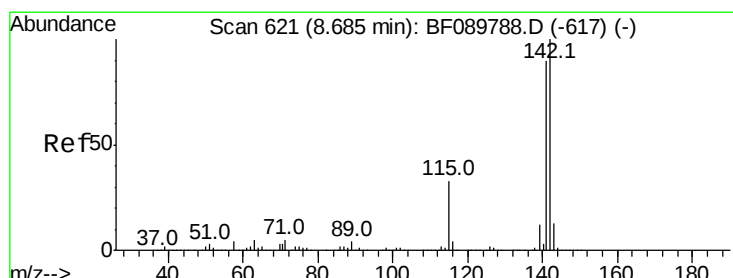
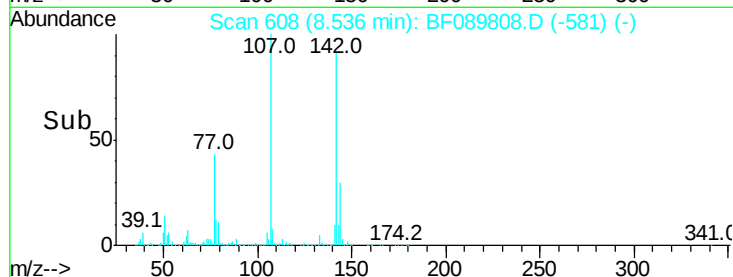
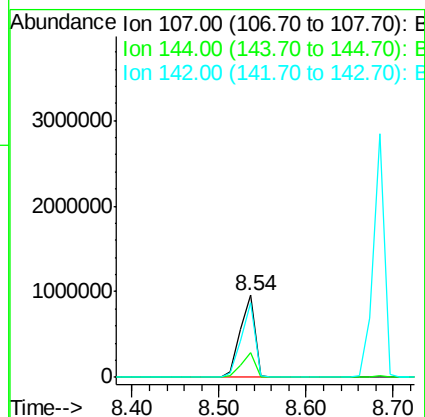
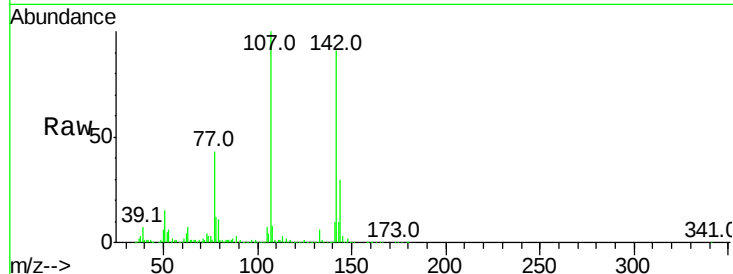
Instrument :
BNA_F
ClientSampleId :
I-3MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	30.5	22.6	34.0
142	91.2	69.3	103.9

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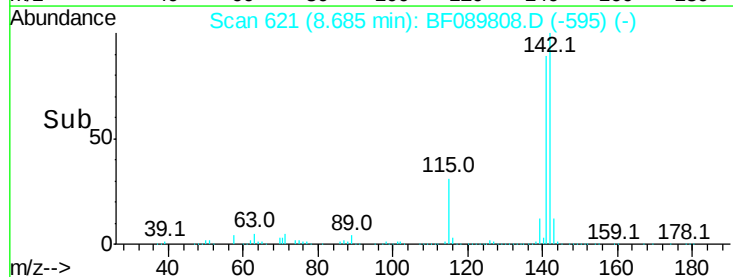
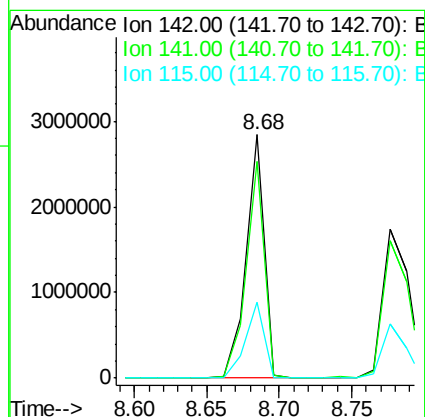
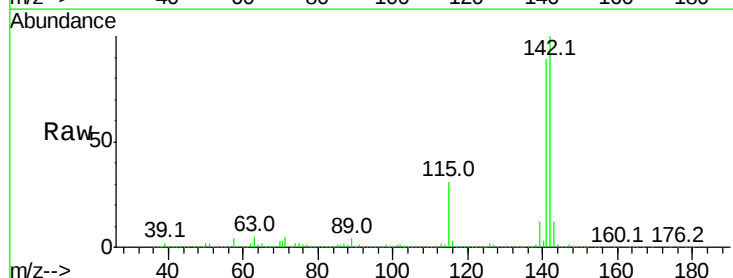
sohil

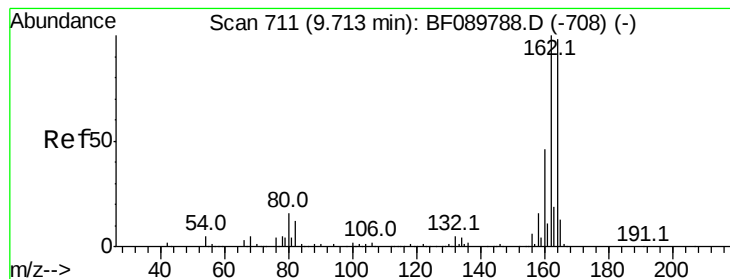
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#37
2-Methylnaphthalene
Concen: 39.93 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	31.2	22.7	34.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

Tot Ion:164 Resp: 826103

Ion Ratio Lower Upper

164 100

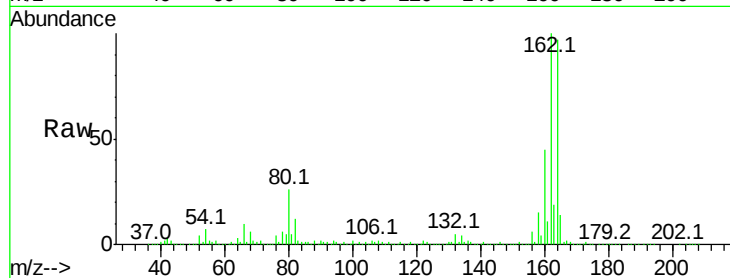
162 103.5 81.4 122.2

160 46.4 37.8 56.6

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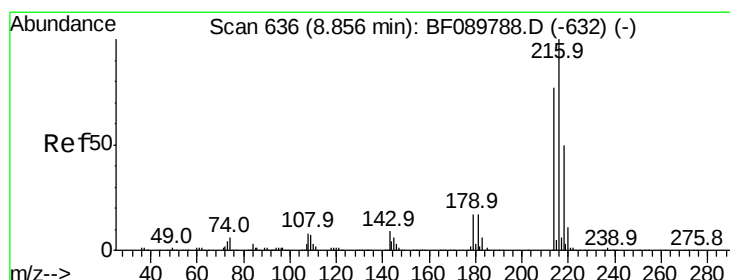
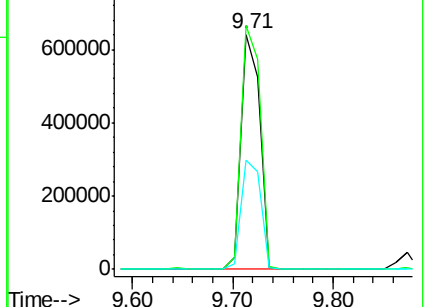
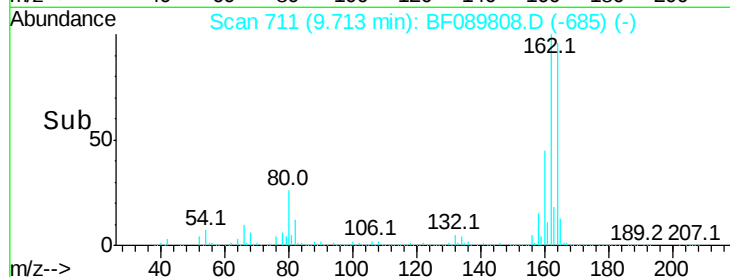


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.13 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Tgt Ion:216 Resp: 806095

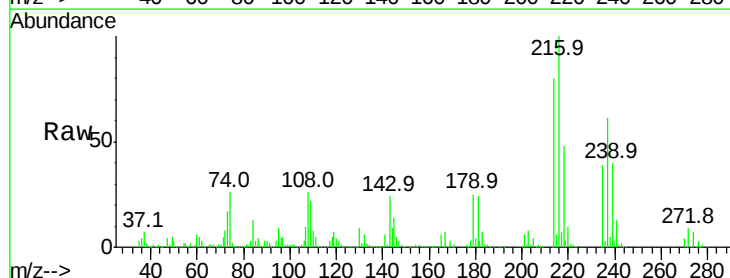
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 22.4 19.9 29.9

108 20.5 19.9 29.9



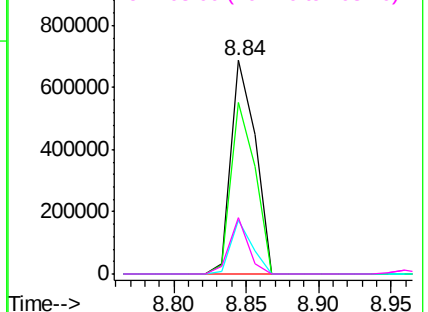
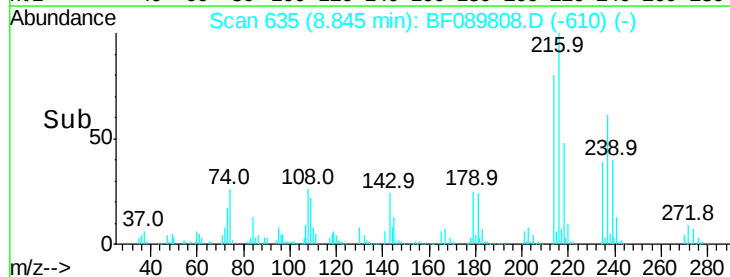
Abundance

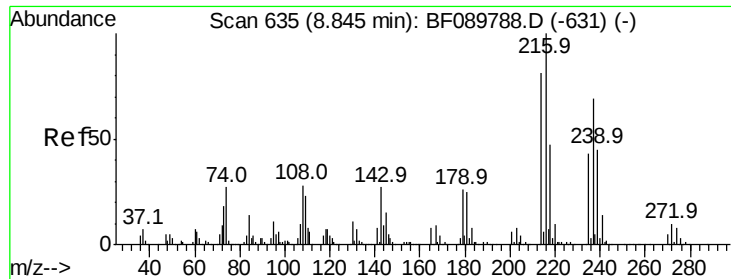
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 43.87 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampled :

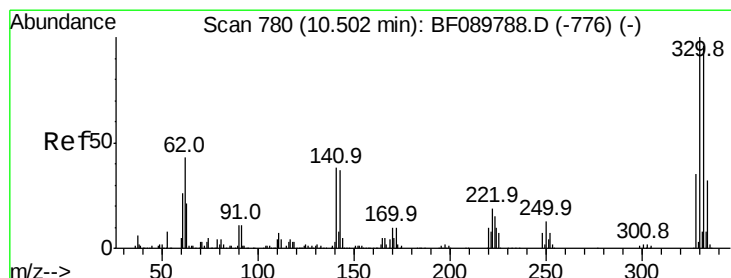
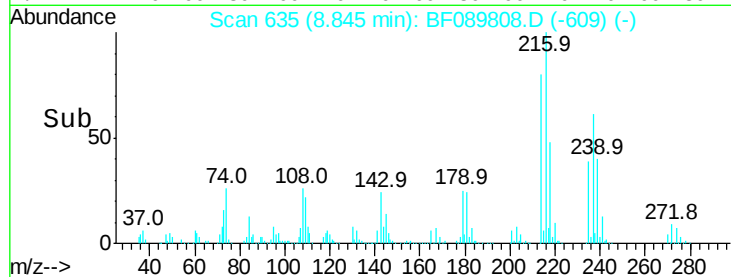
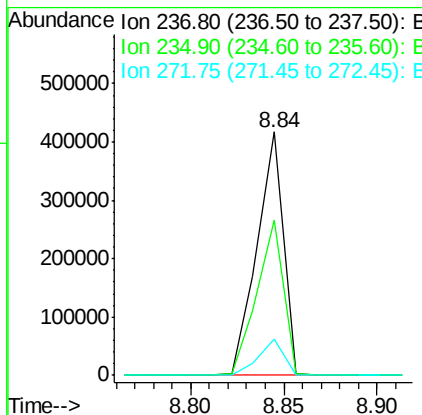
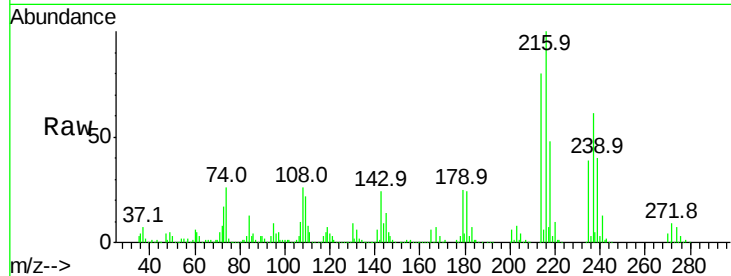
I-3MS

Tot Ion:	237	Resp:	407456
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.7	83.7
272	14.7	0.0	31.6

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#41

2,4,6-Tribromophenol

Concen: 91.95 ng

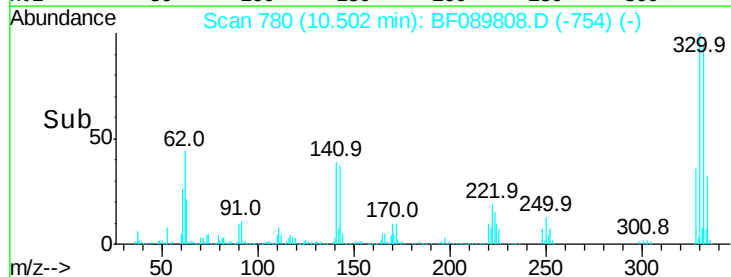
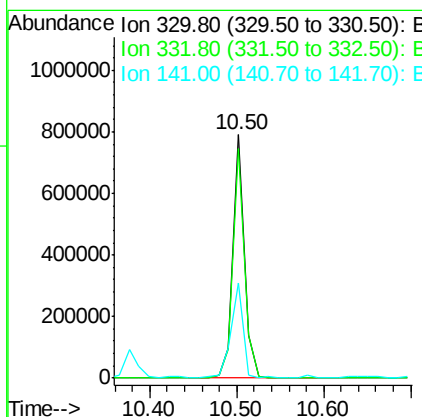
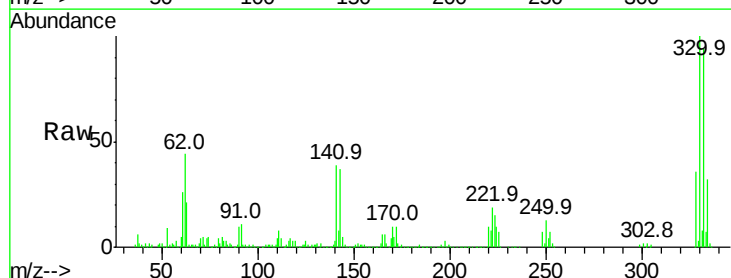
RT: 10.50 min Scan# 780

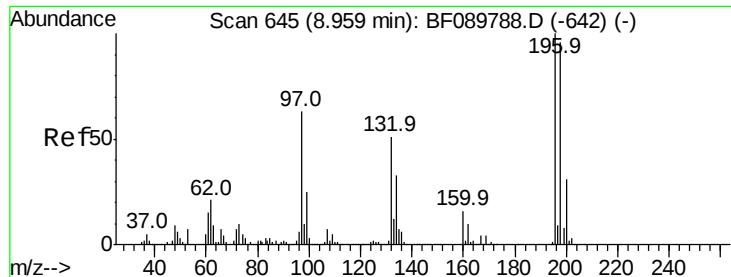
Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Tgt Ion:	330	Resp:	721891
Ion Ratio	Lower	Upper	
330	100		
332	95.3	76.7	115.1
141	40.4	30.2	45.2





#42

2,4,6-Trichlorophenol

Concen: 38.18 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampled :

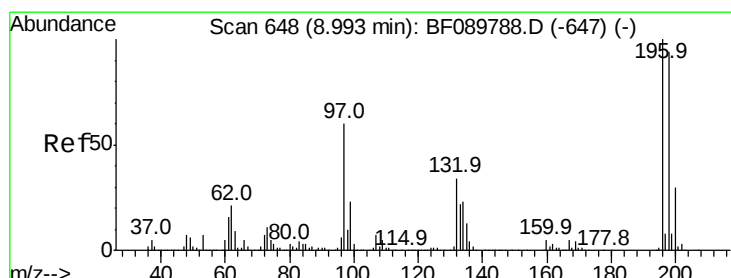
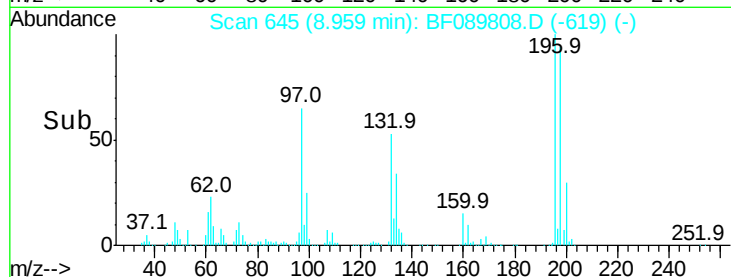
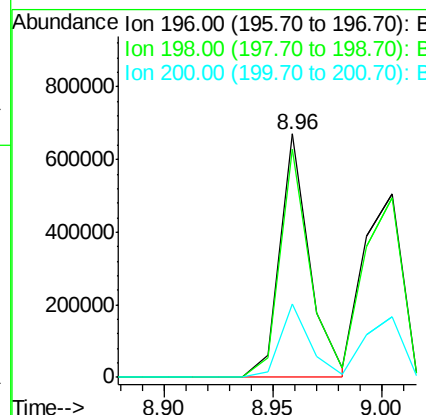
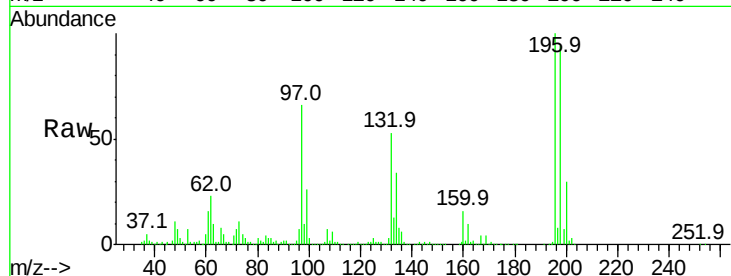
I-3MS

Tot Ion:	196	Resp:	642505
Ion Ratio	Lower	Upper	
196	100		
198	94.0	76.3	114.5
200	30.1	24.6	36.8

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#43

2,4,5-Trichlorophenol

Concen: 37.45 ng

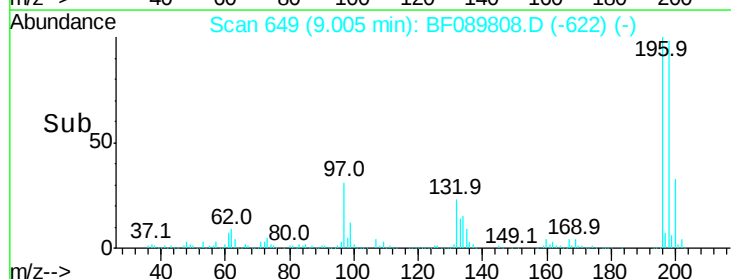
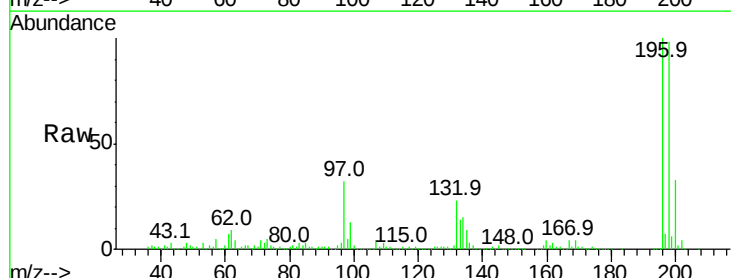
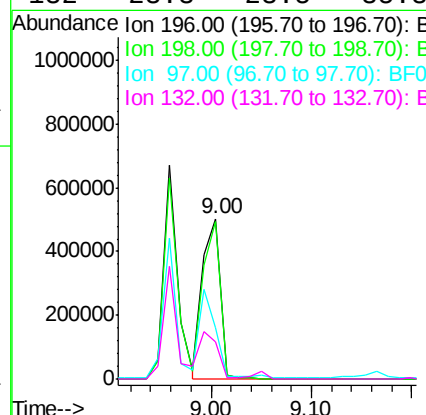
RT: 9.00 min Scan# 649

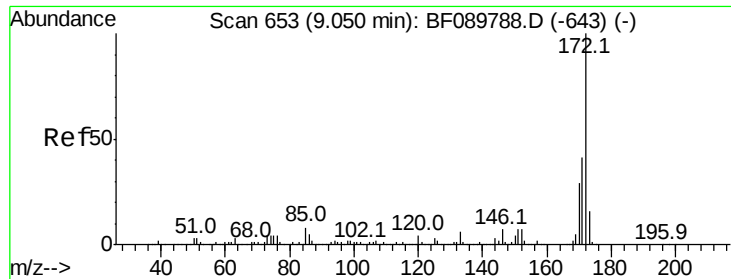
Delta R.T. 0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Tgt Ion:	196	Resp:	626802
Ion Ratio	Lower	Upper	
196	100		
198	98.3	76.6	114.8
97	31.8	35.8	53.8#
132	23.3	23.5	35.3#





#44

2-Fluorobiphenyl

Concen: 82.16 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

Tot Ion:172 Resp: 3861704

Ion Ratio Lower Upper

172 100

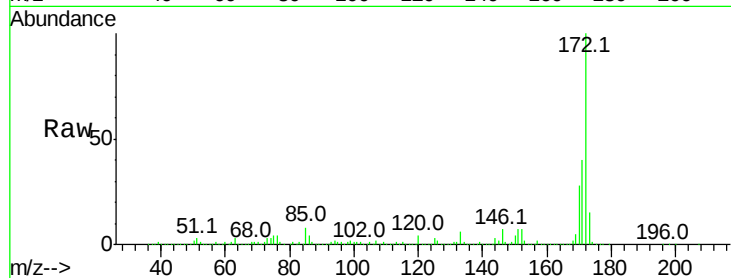
171 39.6 30.5 45.7

170 27.8 20.6 31.0

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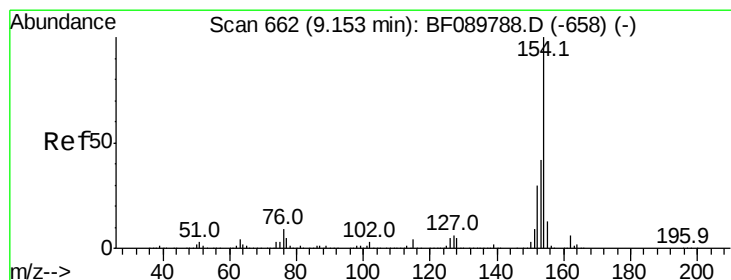
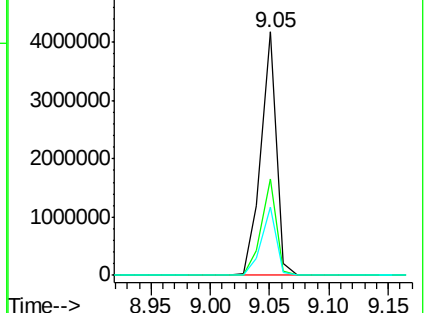
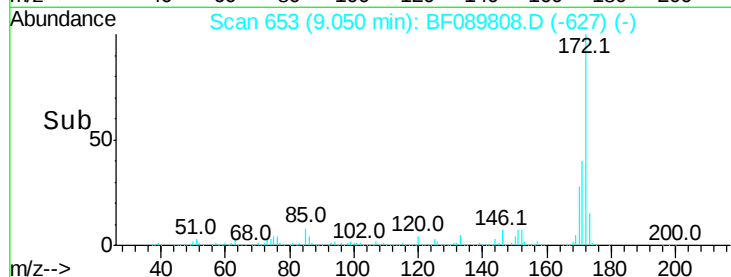
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 36.47 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

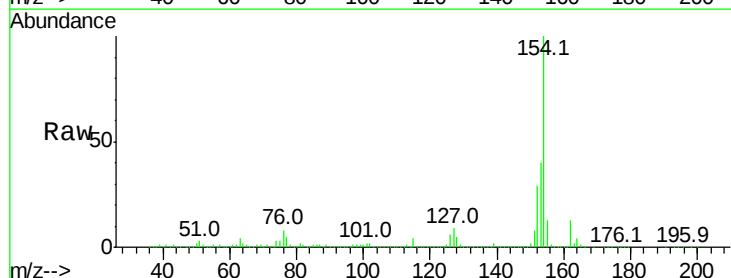
Tgt Ion:154 Resp: 2331476

Ion Ratio Lower Upper

154 100

153 40.3 21.5 61.5

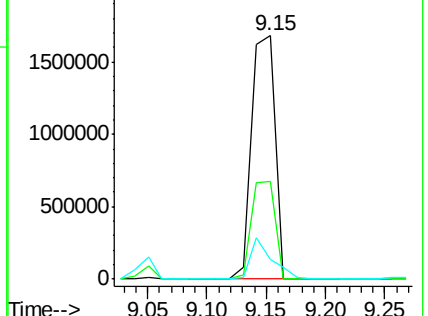
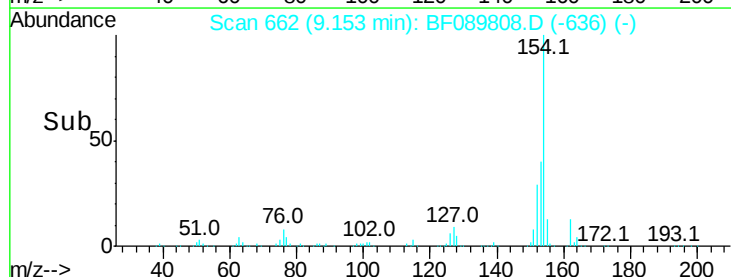
76 7.9 0.0 36.7

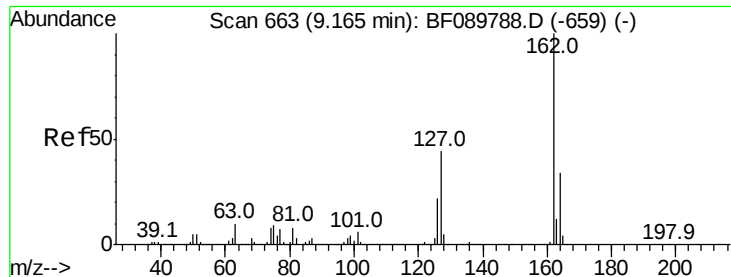


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46
2-Chloronaphthalene
Concen: 39.16 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

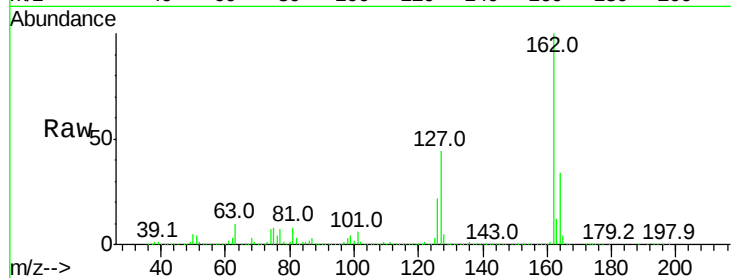
Instrument :
BNA_F
ClientSampleId :
I-3MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.1	35.5	53.3
164	34.4	26.6	40.0

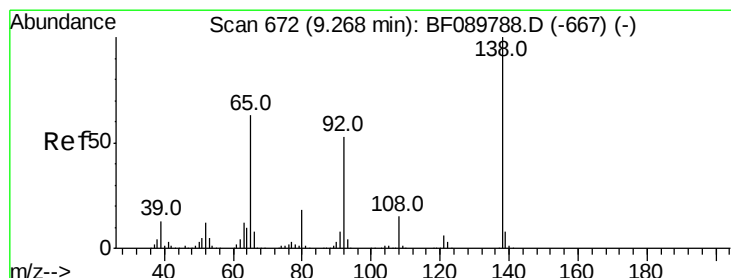
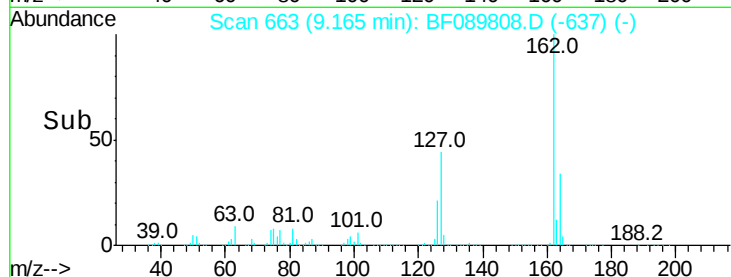
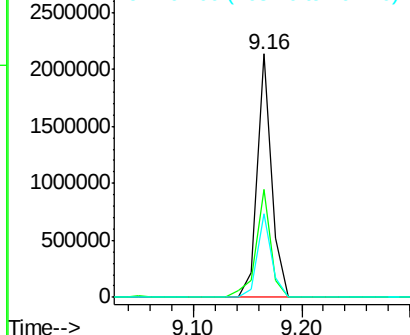
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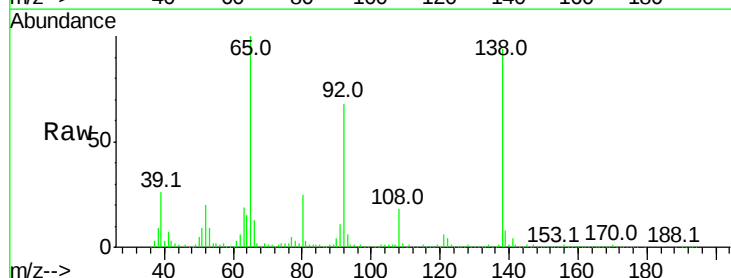


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

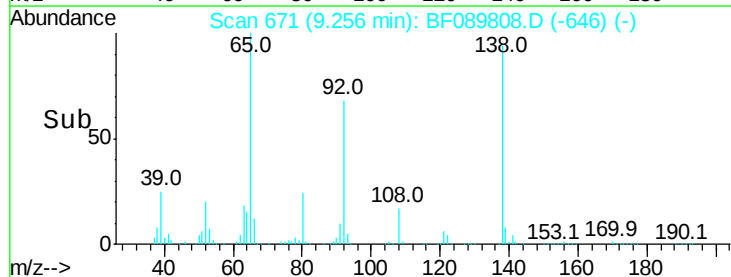
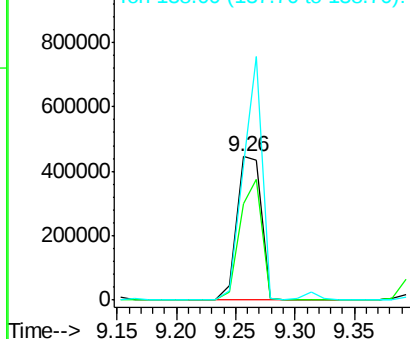


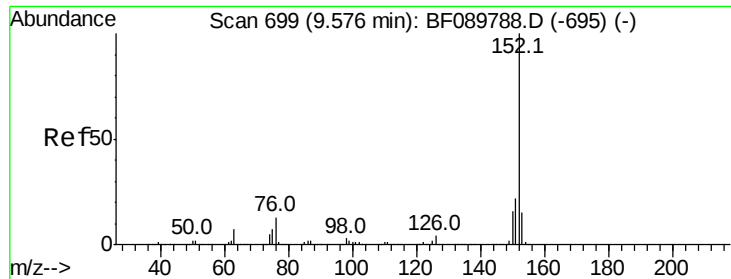
#47
2-Nitroaniline
Concen: 44.23 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	56.3	84.5
138	94.1	81.8	122.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48
Acenaphthylene
Concen: 38.48 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

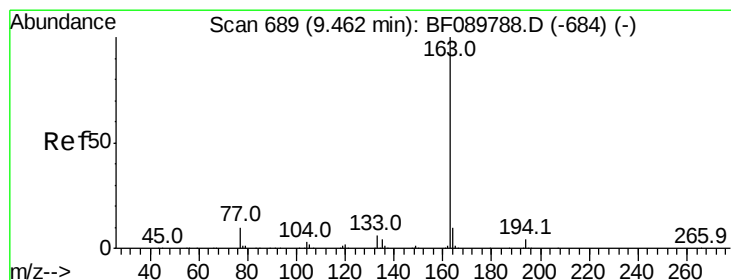
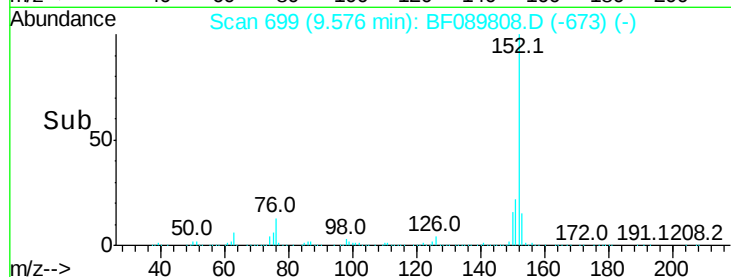
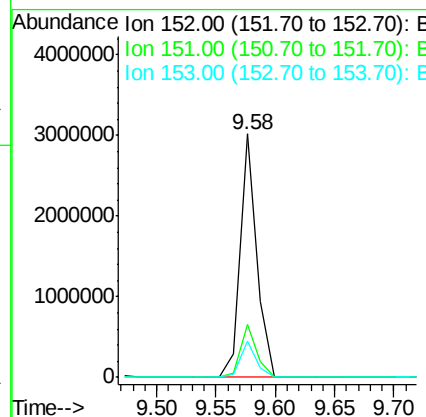
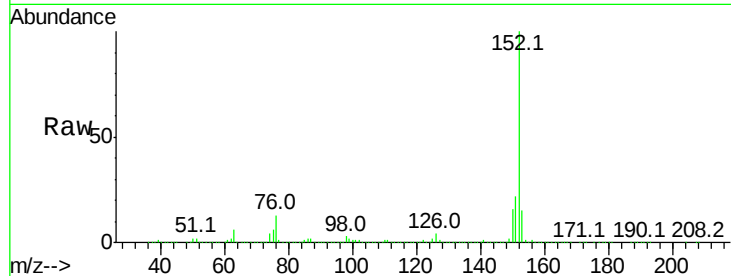
Instrument :
BNA_F
ClientSampleId :
I-3MS

Tot Ion:	152	Resp:	2922225
Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.1	25.7
153	14.9	11.2	16.8

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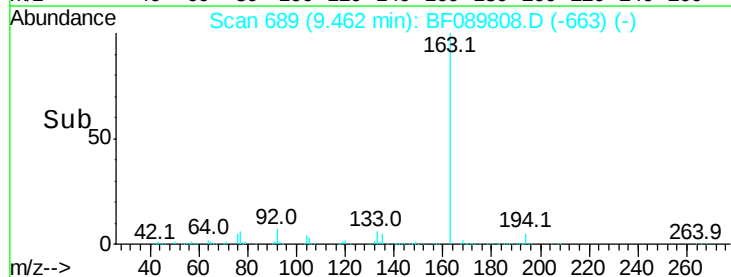
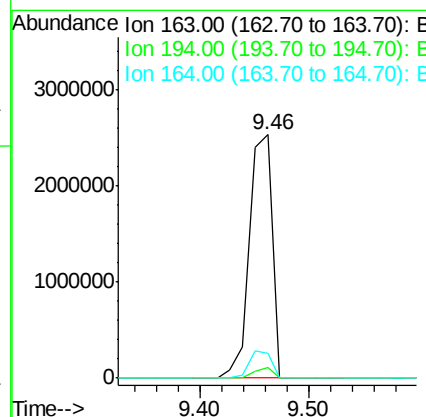
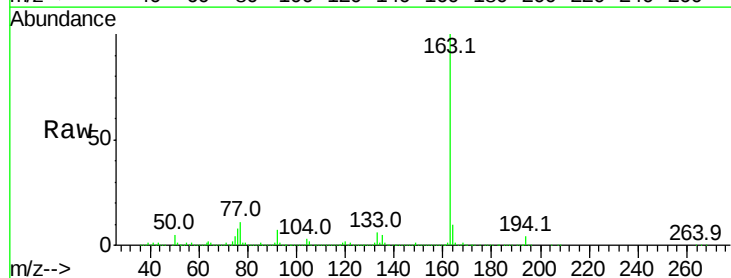
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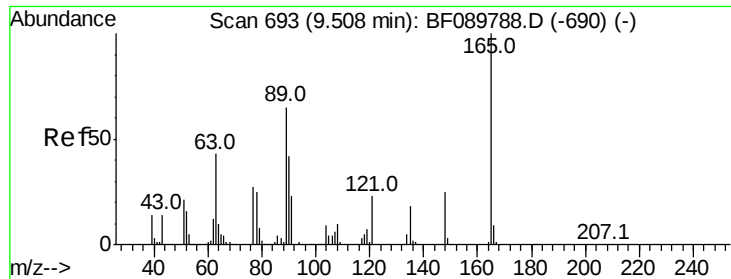
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#49
Dimethylphthalate
Concen: 63.26 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:	163	Resp:	3679630
Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.6	3.8#
164	10.3	8.6	12.8





#50

2,6-Dinitrotoluene

Concen: 36.80 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampled :

I-3MS

Tot Ion:165 Resp: 494168

Ion Ratio Lower Upper

165 100

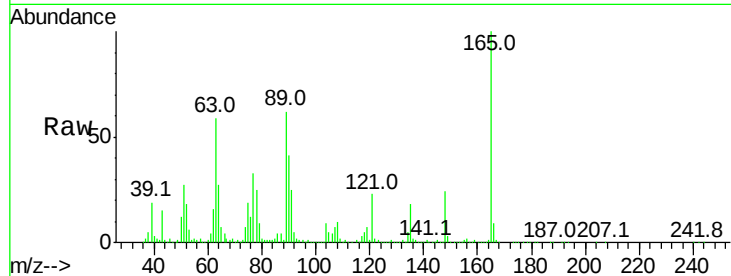
63 59.1 41.7 62.5

89 61.9 44.6 67.0

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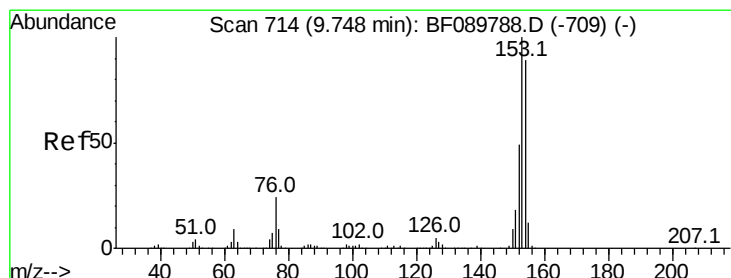
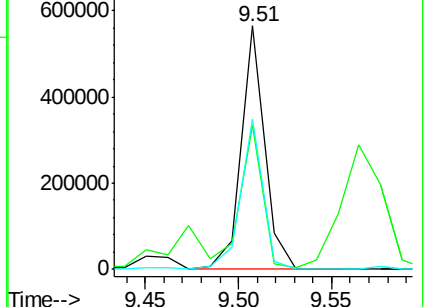
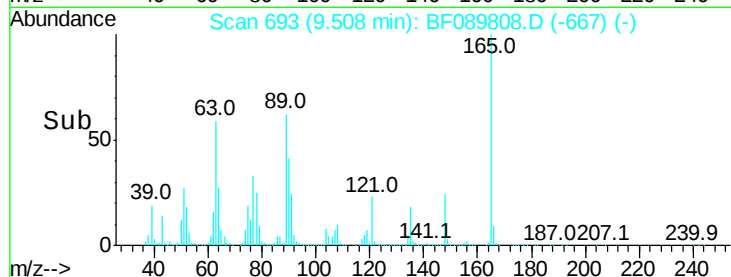
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 35.78 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

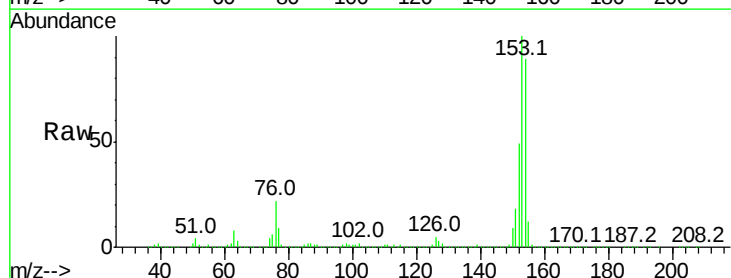
Tgt Ion:154 Resp: 1798311

Ion Ratio Lower Upper

154 100

153 112.2 90.5 135.7

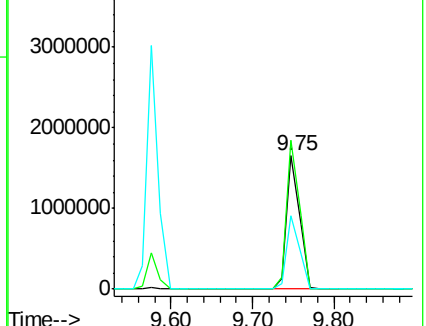
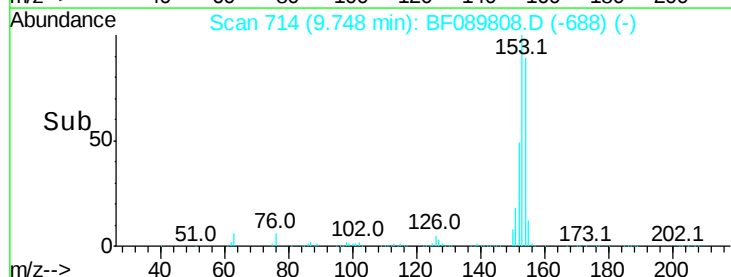
152 55.4 44.6 67.0

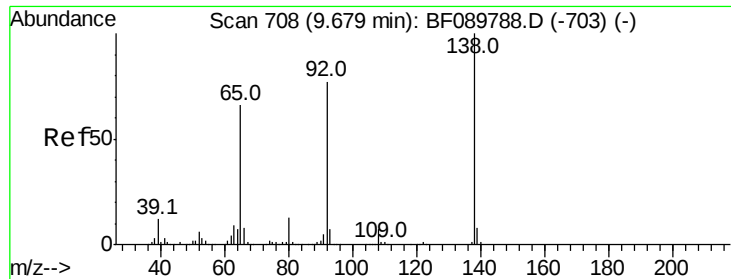


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52
3-Nitroaniline
Concen: 29.10 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

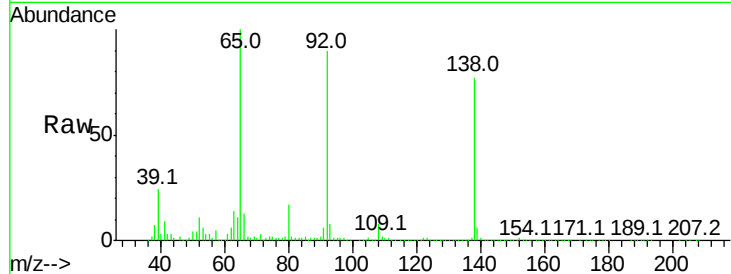
Instrument :
BNA_F
ClientSampleId :
I-3MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.2	8.1	12.1	
92	117.2	92.7	139.1	

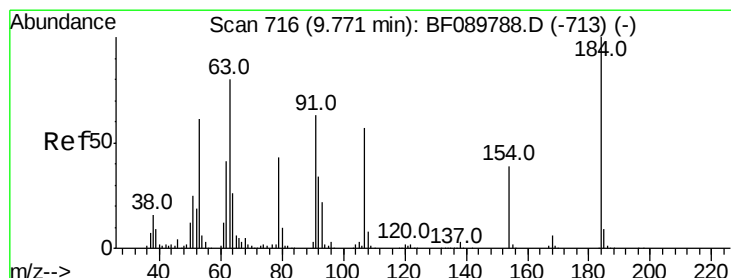
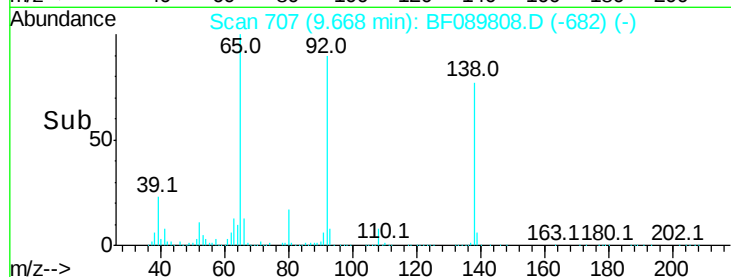
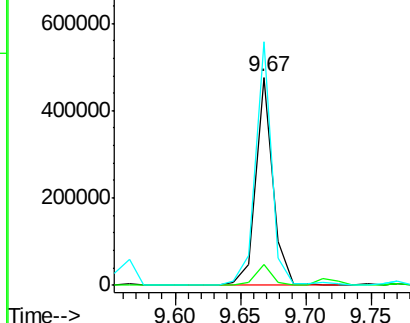
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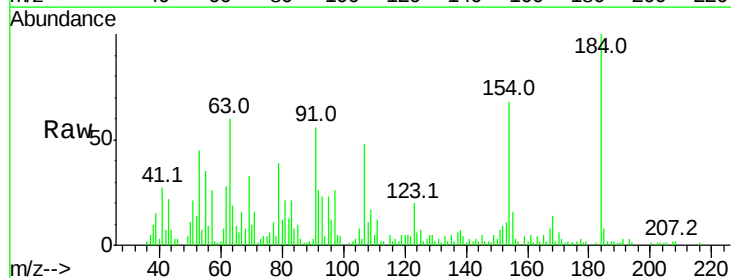


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

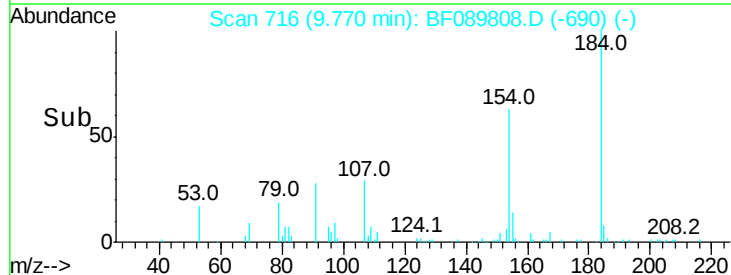
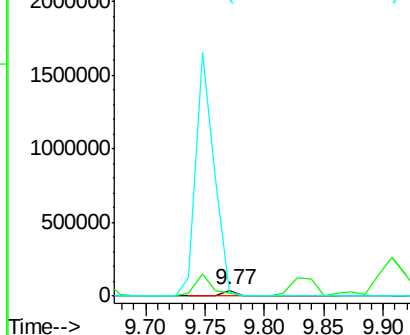


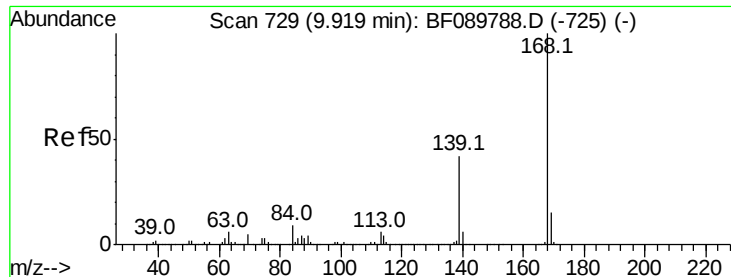
#53
2,4-Dinitrophenol
Concen: 9.02 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.0	54.2	81.4	
154	67.7	52.7	79.1	



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





#54
Dibenzofuran
Concen: 40.69 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

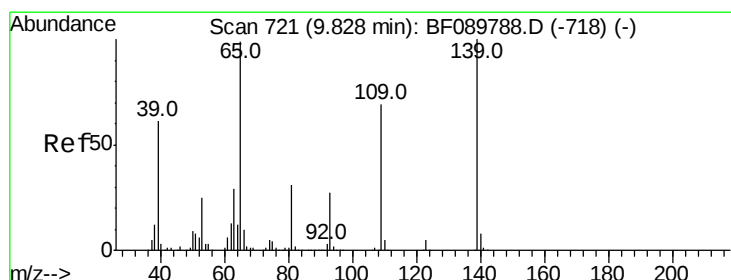
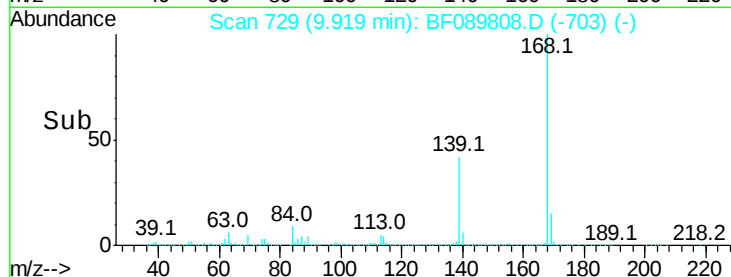
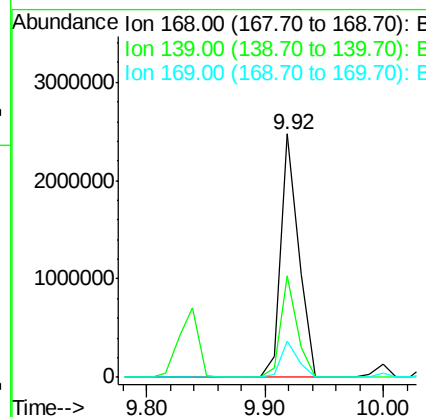
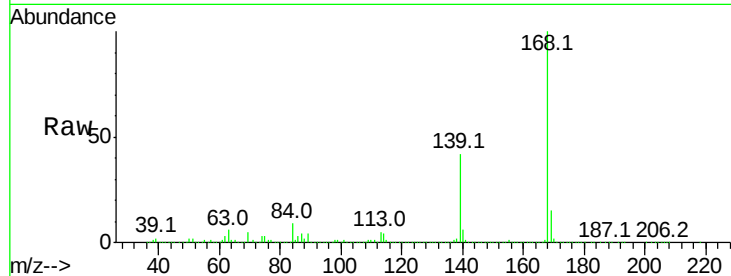
Instrument :
BNA_F
ClientSampled :
I-3MS

Tot Ion:168 Resp: 2568414
Ion Ratio Lower Upper
168 100
139 41.8 34.6 52.0
169 15.0 11.5 17.3

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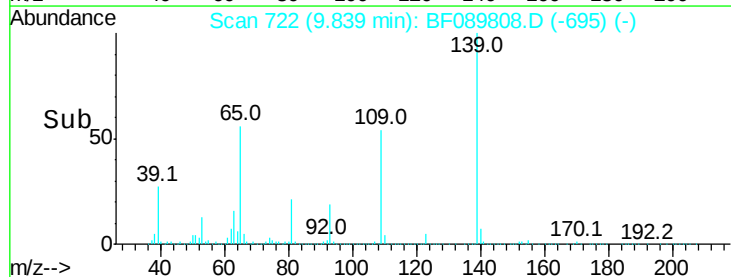
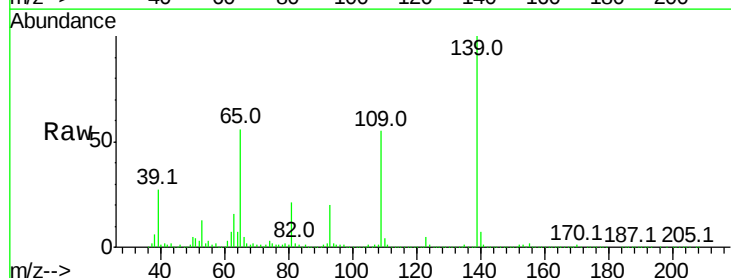
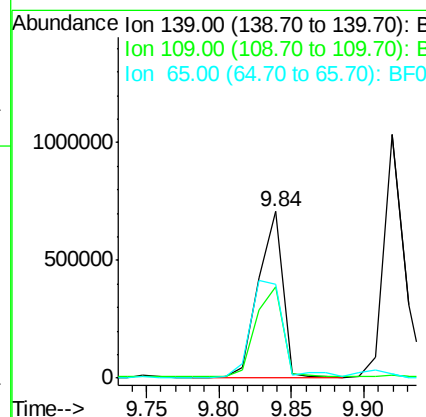
sohil

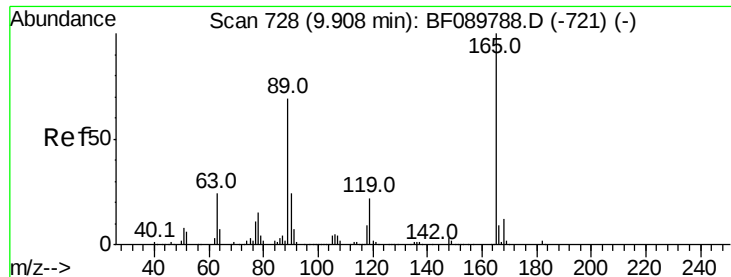
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#55
4-Nitrophenol
Concen: 68.54 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:139 Resp: 832383
Ion Ratio Lower Upper
139 100
109 54.7 43.0 83.0
65 56.0 55.7 95.7





#56
 2,4-Dinitrotoluene
 Concen: 43.85 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

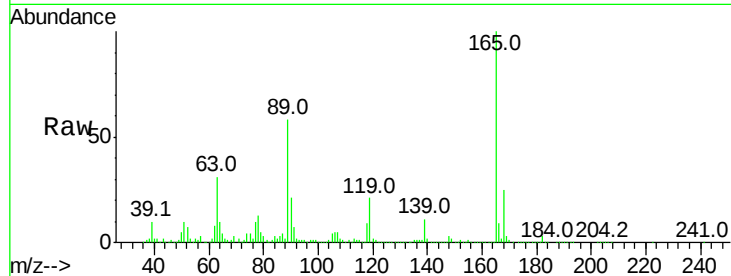
Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	764043		
63	30.9	23.7	35.5	
89	58.5	44.0	66.0	
182	2.9	2.0	3.0	

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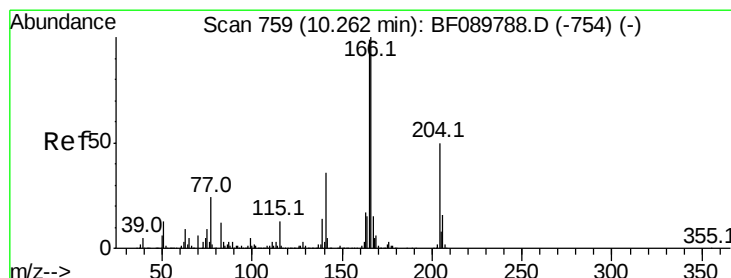
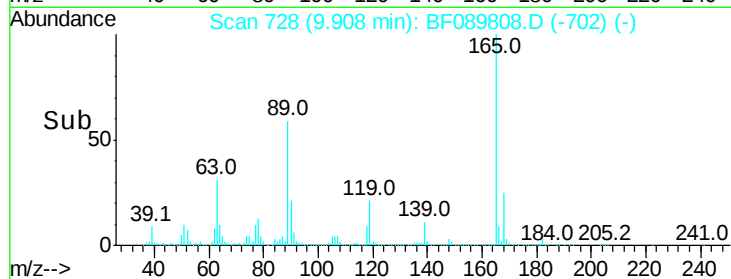
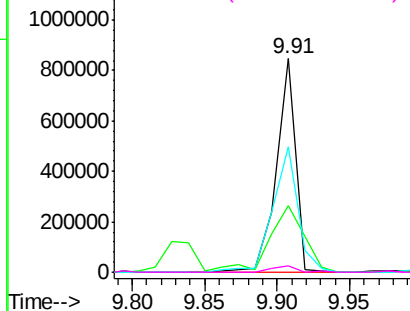


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

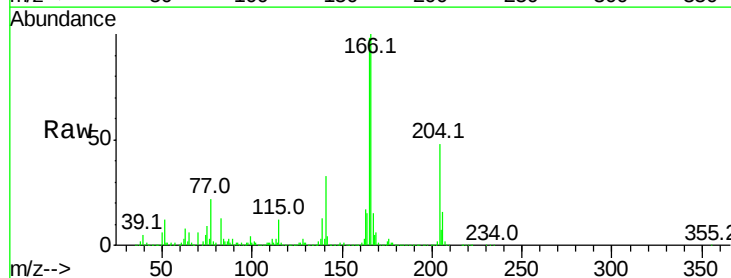
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 36.89 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

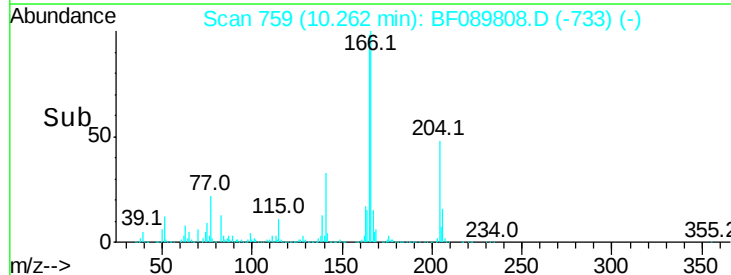
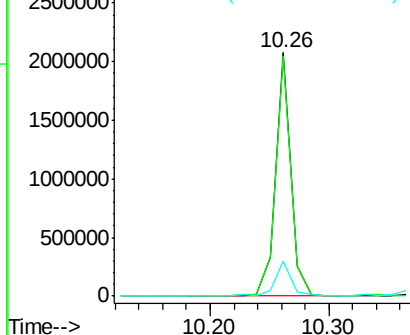
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1855743		
165	98.5	80.2	120.4	
167	14.6	11.3	16.9	

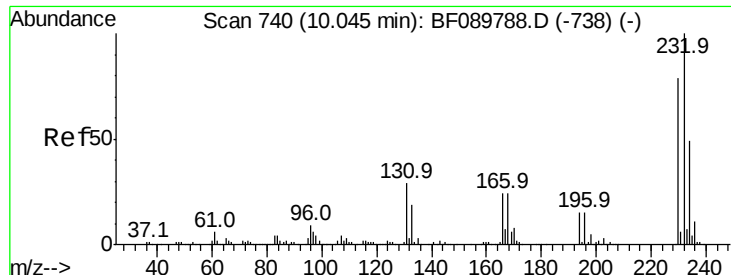


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.71 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

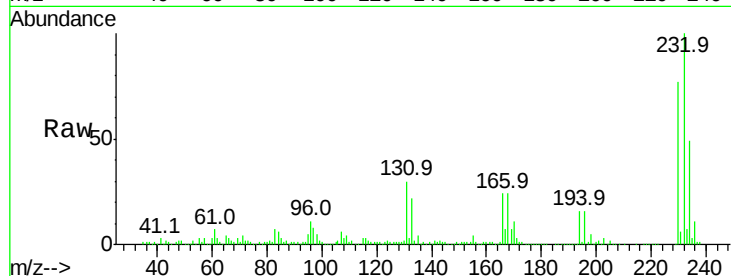
Instrument :
 BNA_F
 ClientSampleId :
 I-3MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	42.5	63.7
130	2.3	2.2	3.4
166	31.9	27.3	40.9

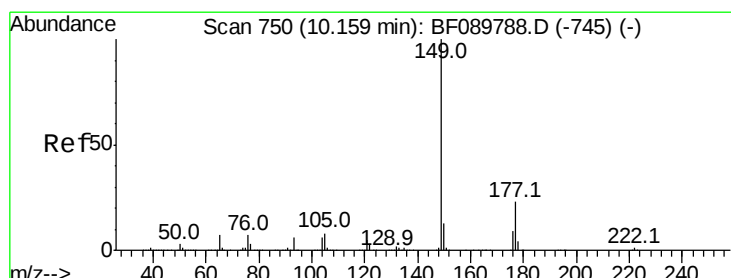
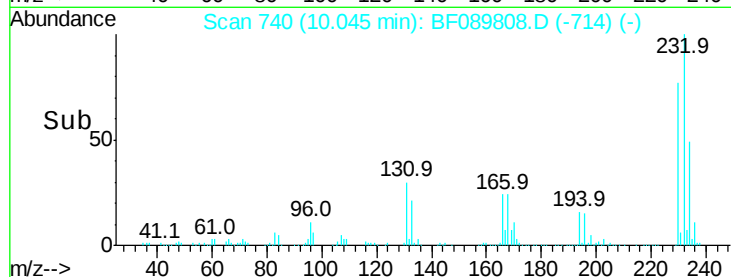
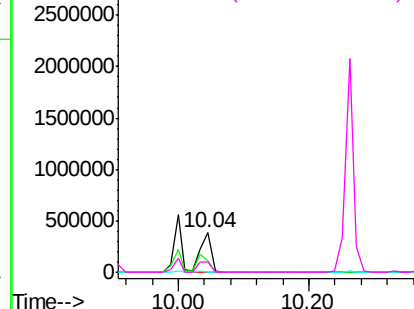
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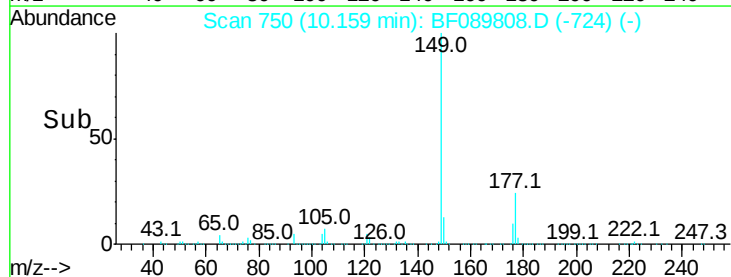
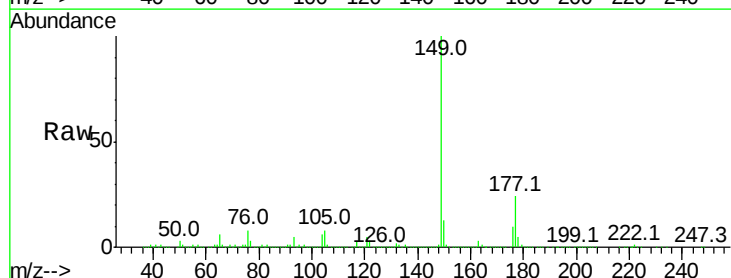
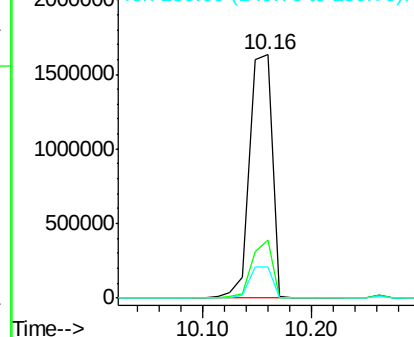
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

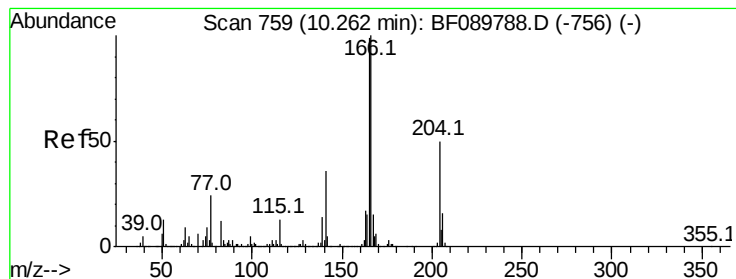


#59
 Diethylphthalate
 Concen: 39.73 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	16.6	25.0
150	12.5	10.5	15.7

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: 37.40 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

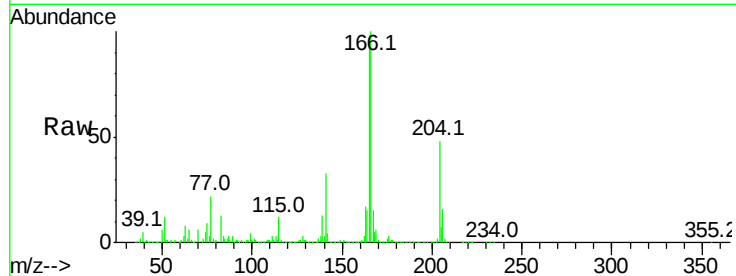
Instrument :
BNA_F
ClientSampled :
I-3MS

Tot Ion:	204	Resp:	858157
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.5	39.7
141	69.2	54.1	81.1

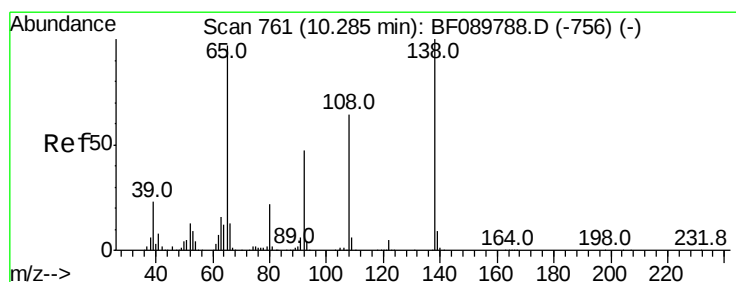
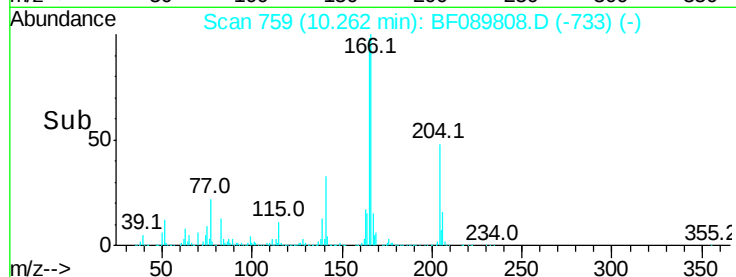
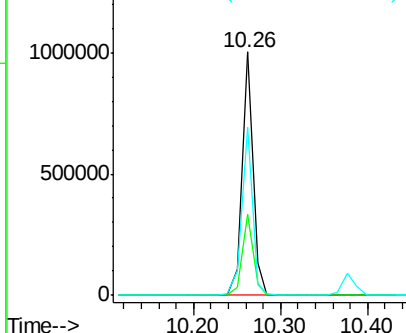
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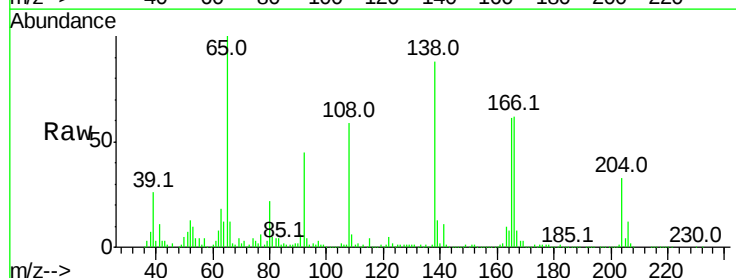


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

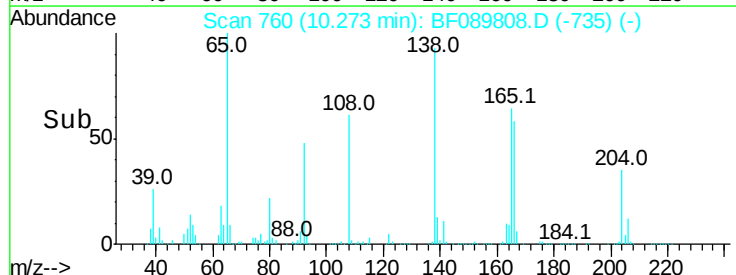
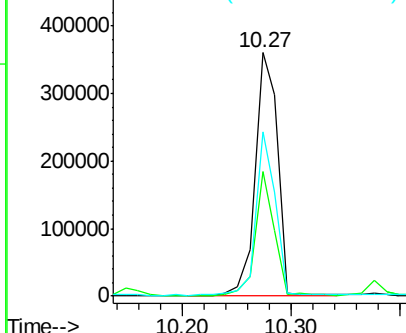


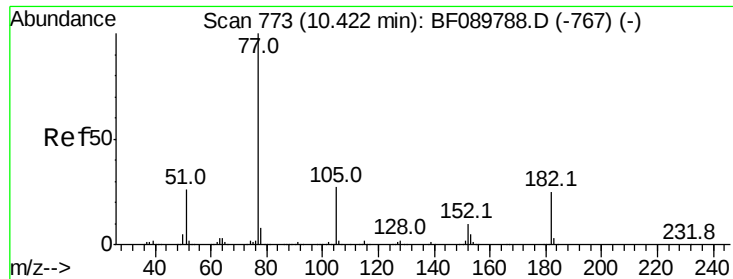
#61
4-Nitroaniline
Concen: 36.71 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:	138	Resp:	512093
Ion Ratio	Lower	Upper	
138	100		
92	51.4	26.4	66.4
108	67.3	47.0	87.0



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





#62

Azobenzene

Concen: 42.11 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

Tot Ion: 77 Resp: 2339371

Ion Ratio Lower Upper

77 100

182 25.6 5.6 45.6

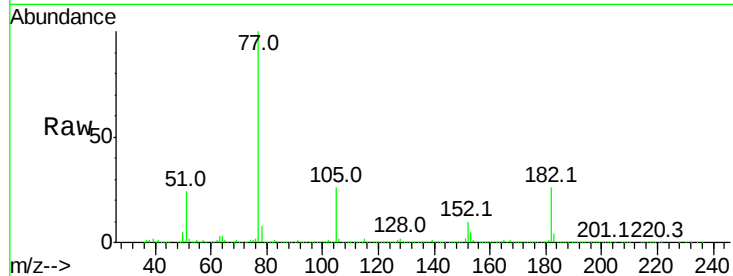
105 26.5 4.0 44.0

51 24.5 7.8 47.8

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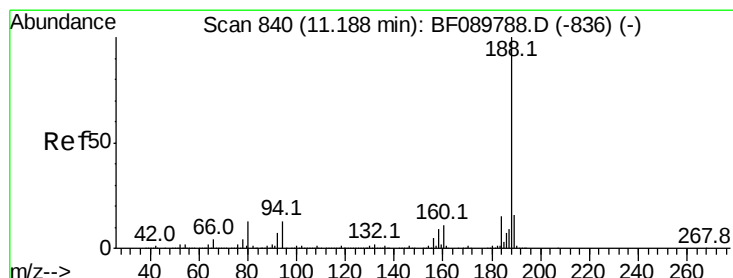
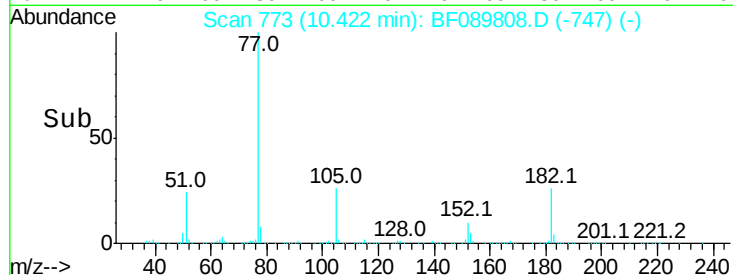
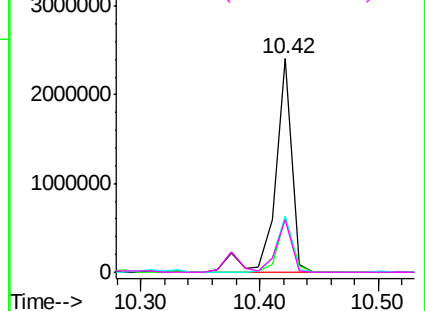


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

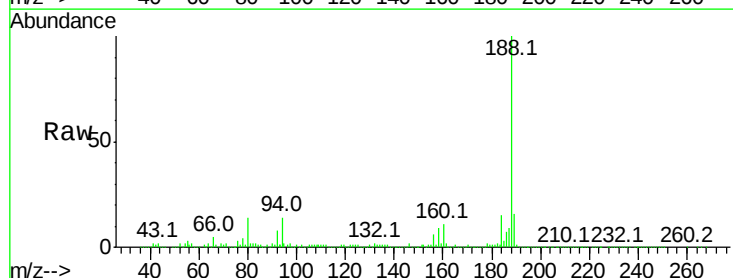
Tgt Ion: 188 Resp: 1269571

Ion Ratio Lower Upper

188 100

94 13.6 10.2 15.2

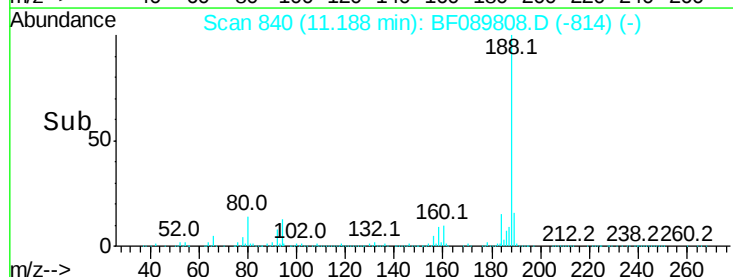
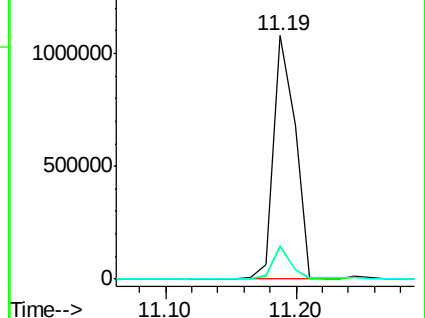
80 13.9 10.9 16.3

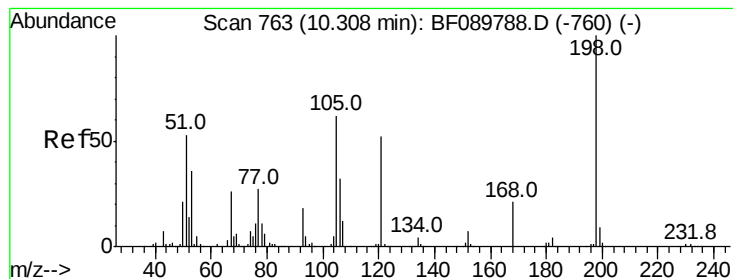


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 6.43 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampled :

I-3MS

Tot Ion:198 Resp: 46930

Ion Ratio Lower Upper

198 100

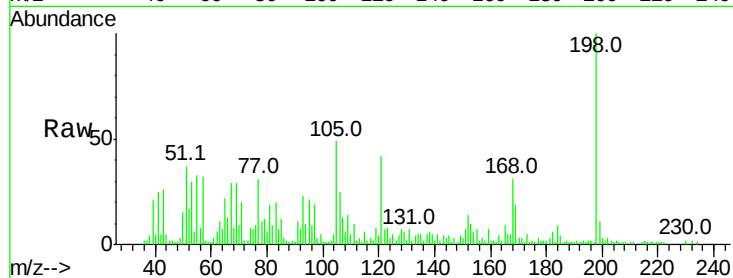
51 37.0 32.3 72.3

105 48.8 32.9 72.9

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

800000

600000

400000

200000

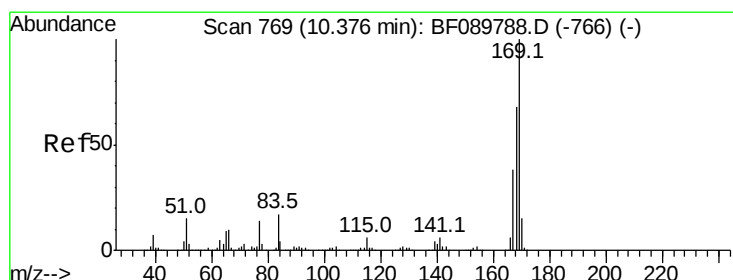
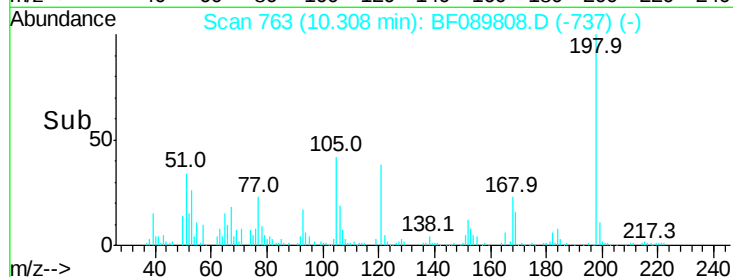
0

10.20

10.30

10.40

Time-->



#65

n-Nitrosodiphenylamine

Concen: 43.73 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

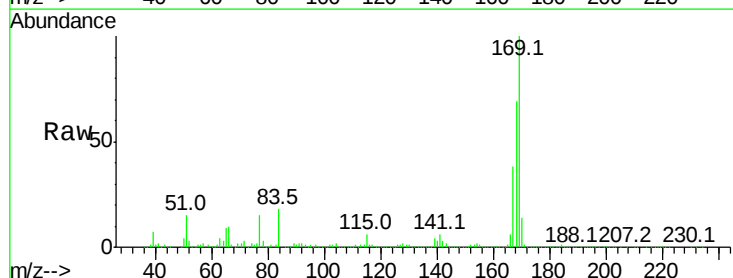
Tgt Ion:169 Resp: 1745823

Ion Ratio Lower Upper

169 100

168 68.8 54.6 82.0

167 38.3 30.6 45.8



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

2000000

1500000

1000000

500000

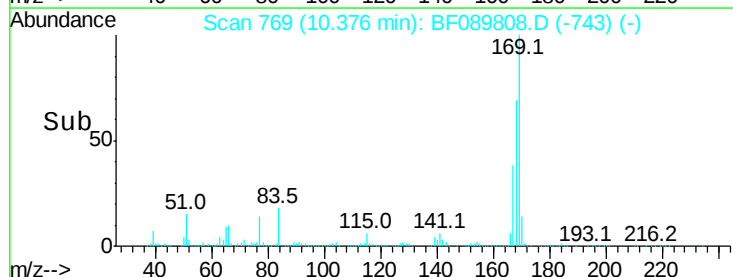
0

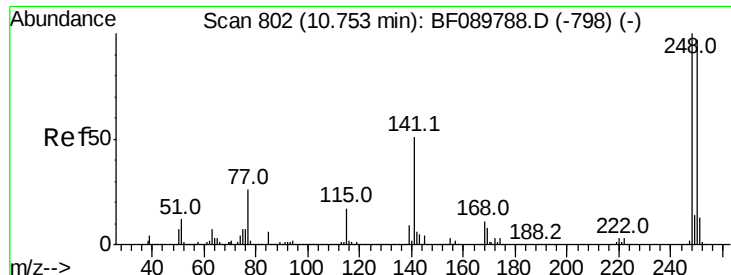
10.30

10.35

10.40

Time-->





#66
 4-Bromophenyl-phenylether
 Concen: 41.92 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

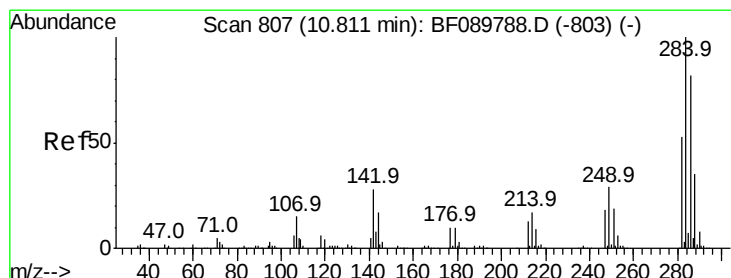
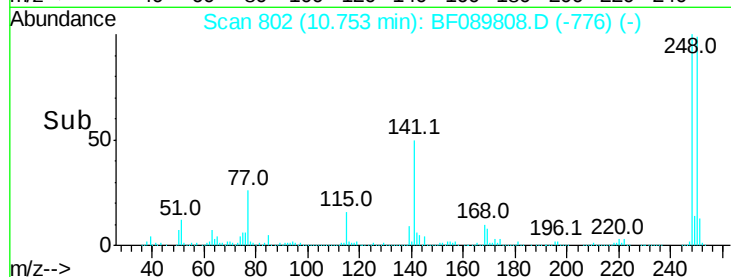
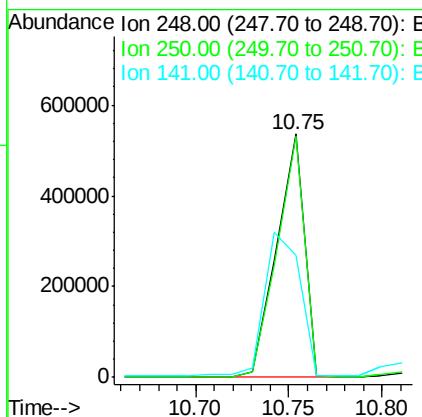
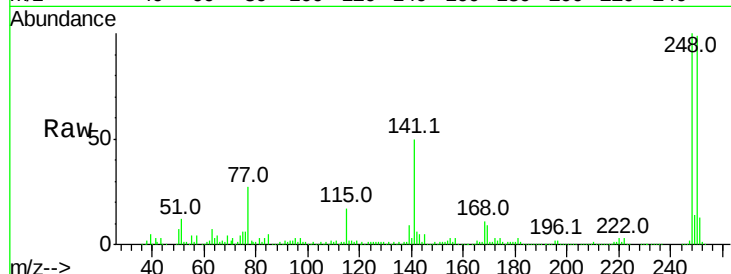
Instrument :
 BNA_F
 ClientSampled :
 I-3MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.6	117.8
141	50.3	31.4	47.2

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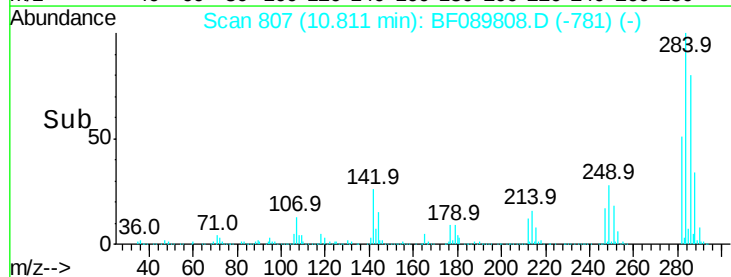
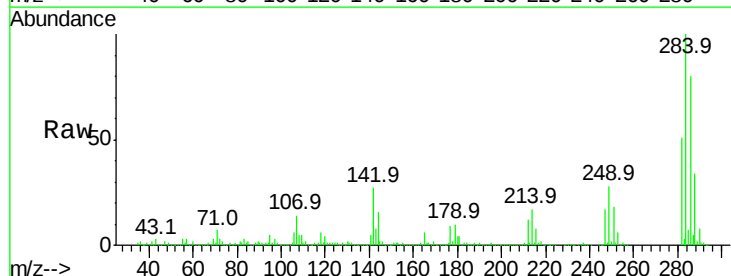
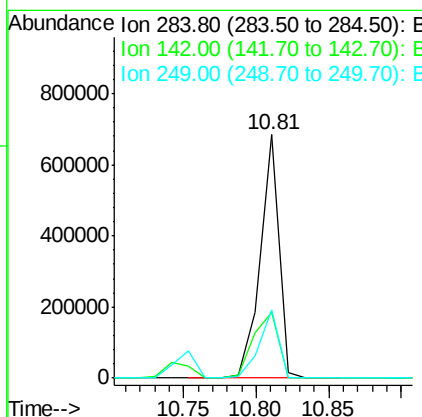
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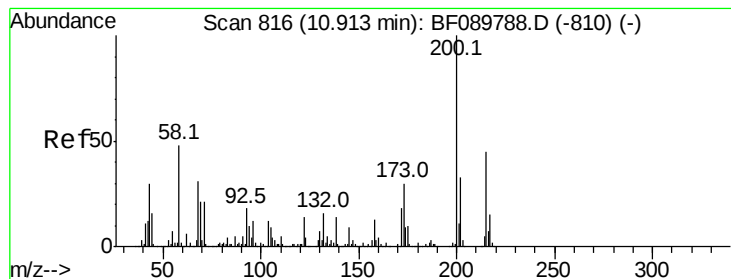
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#67
 Hexachlorobenzene
 Concen: 40.35 ng
 RT: 10.81 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF089808.D
 Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	17.4	26.2
249	27.9	22.8	34.2





#68

Atrazine

Concen: 44.87 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

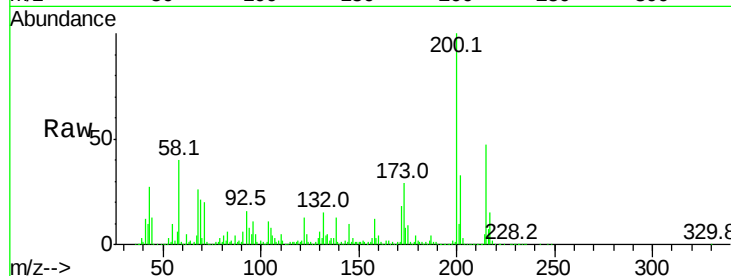
I-3MS

Tot Ion:	200	Resp:	548571
Ion Ratio	Lower	Upper	
200	100		
173	28.8	6.6	46.6
215	46.8	24.7	64.7

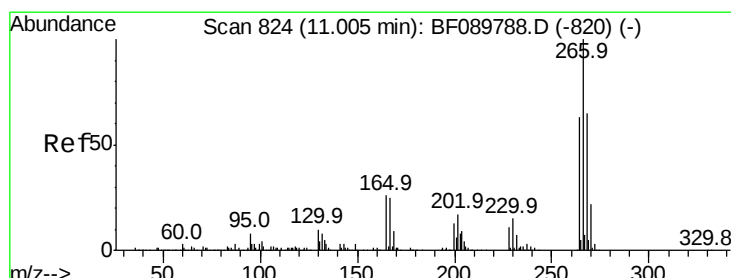
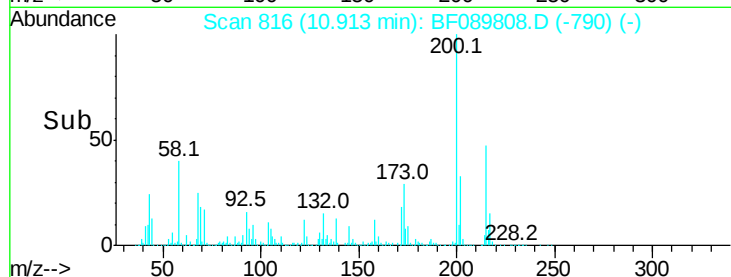
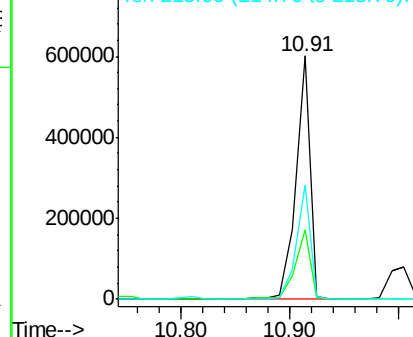
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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 69.34 ng

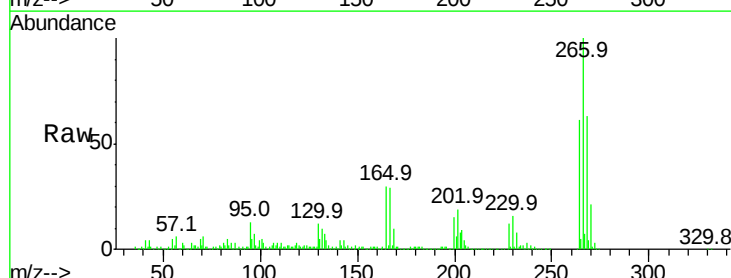
RT: 11.00 min Scan# 824

Delta R.T. -0.00 min

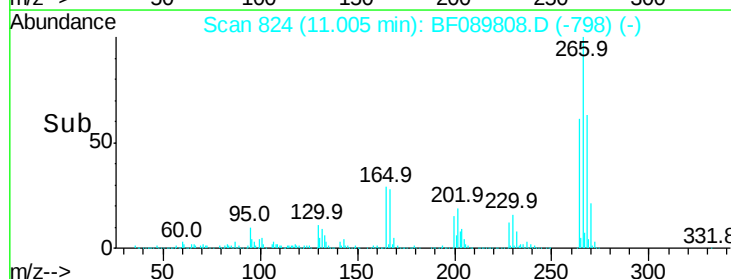
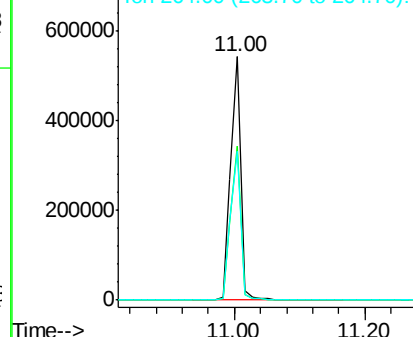
Lab File: BF089808.D

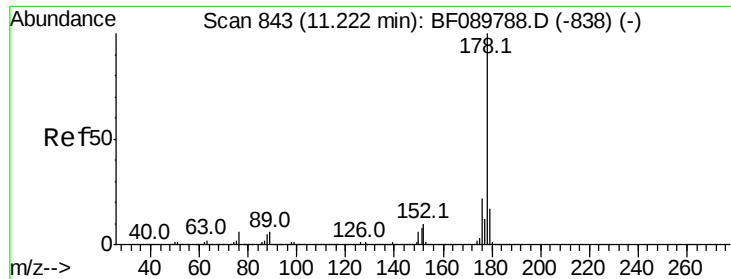
Acq: 19 Aug 2016 20:53

Tgt Ion:	266	Resp:	596802
Ion Ratio	Lower	Upper	
266	100		
268	63.3	53.2	79.8
264	61.0	51.1	76.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70
Phenanthrene
Concen: 42.08 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

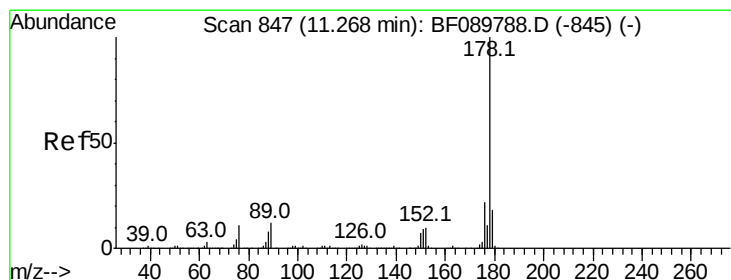
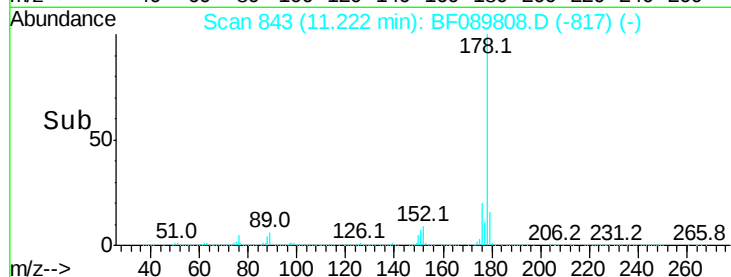
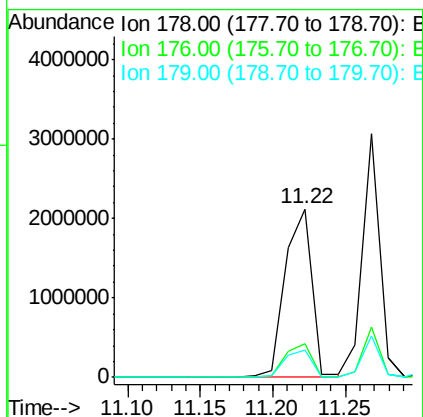
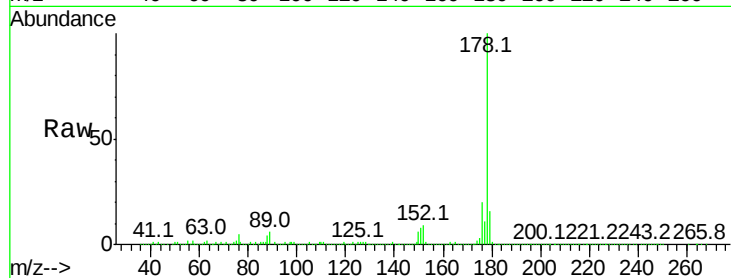
Instrument :
BNA_F
ClientSampleId :
I-3MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.4	24.6
179	16.0	12.5	18.7

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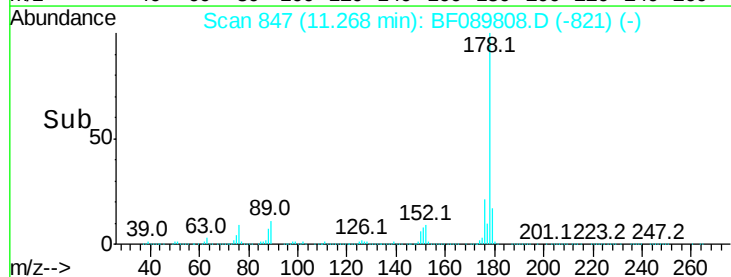
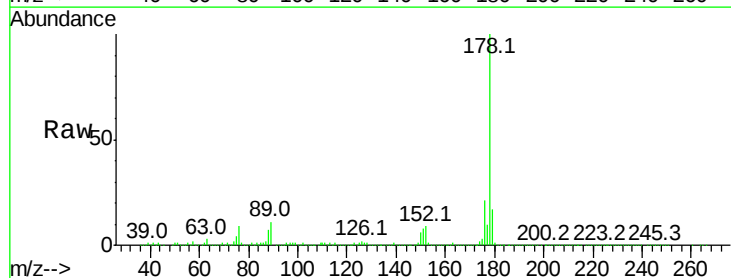
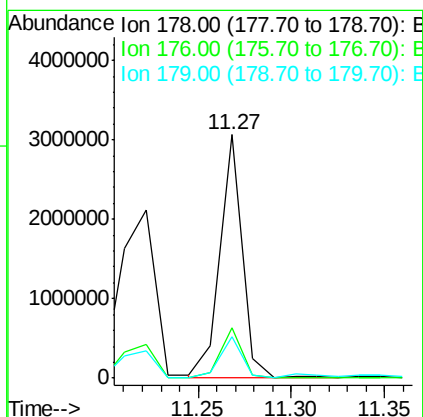
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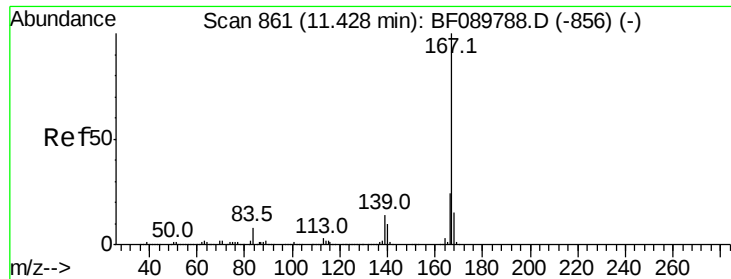
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#71
Anthracene
Concen: 39.20 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.4	24.6
179	17.1	13.1	19.7





#72

Carbazole

Concen: 43.07 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

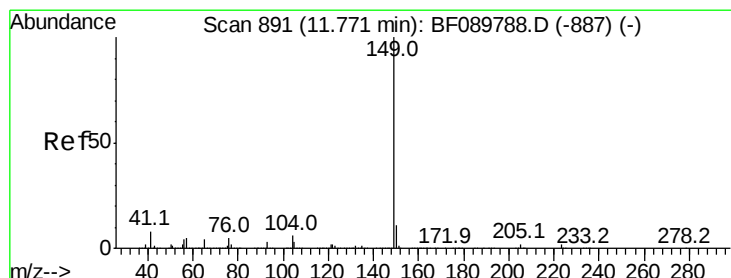
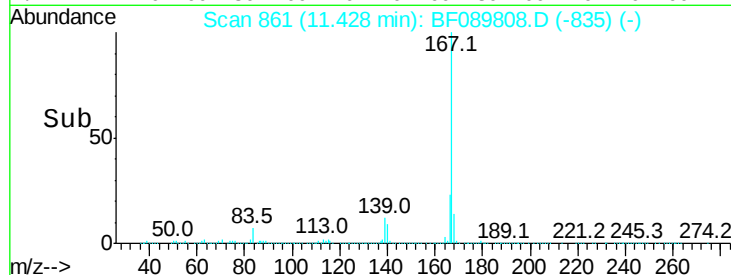
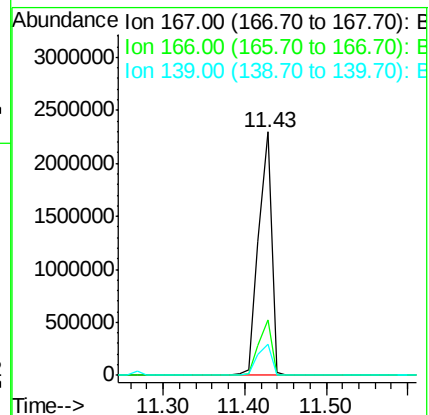
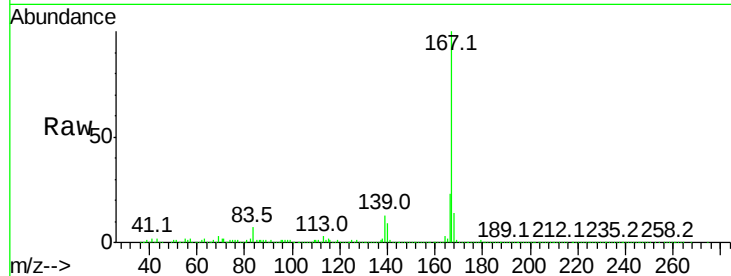
I-3MS

Tot Ion:	167	Resp:	2518101
Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.9	26.9
139	12.5	12.4	18.6

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#73

Di-n-butylphthalate

Concen: 38.35 ng

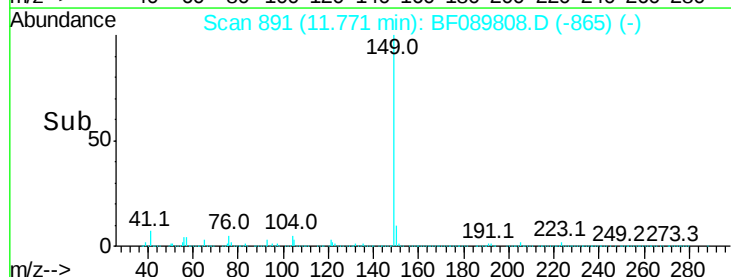
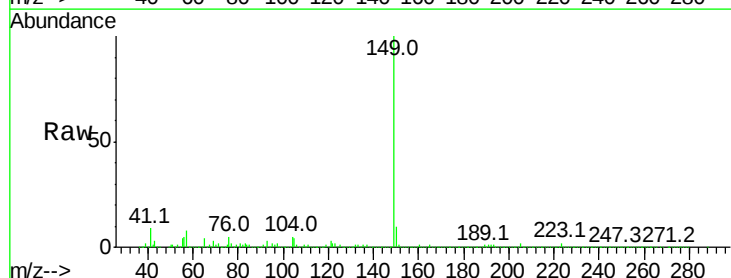
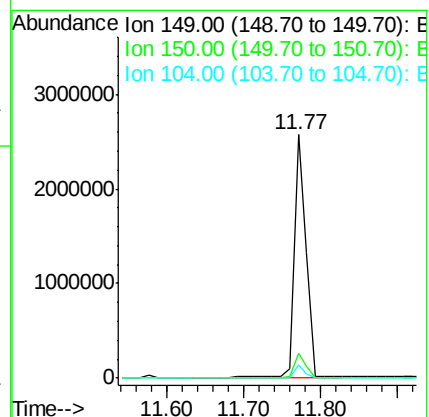
RT: 11.77 min Scan# 891

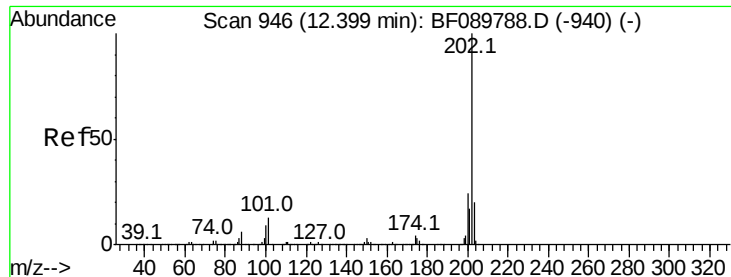
Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Tgt Ion:	149	Resp:	2805005
Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.9	11.9
104	5.4	4.3	6.5





#74

Fluoranthene

Concen: 37.61 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

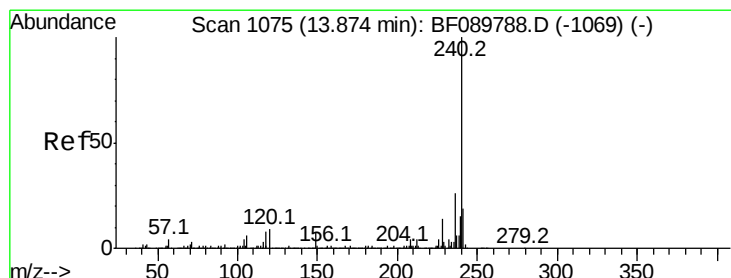
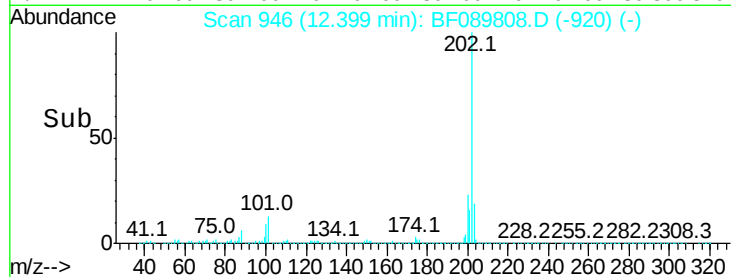
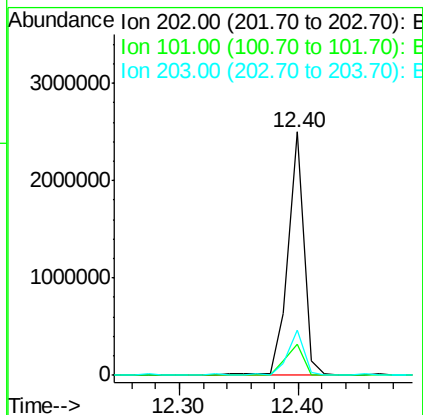
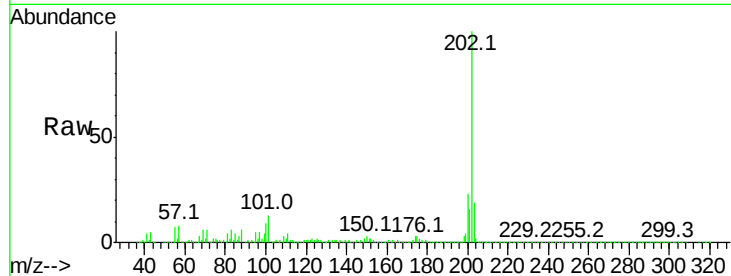
I-3MS

Tot Ion:202	Resp: 2293984
Ion Ratio	Lower Upper
202 100	
101 12.6	0.0 31.2
203 18.7	0.0 38.1

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#75

Chrysene-d12

Concen: 20.00 ng

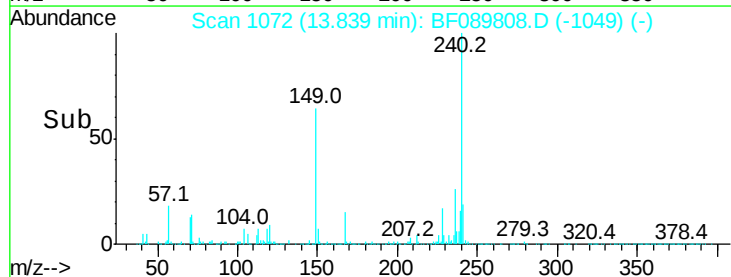
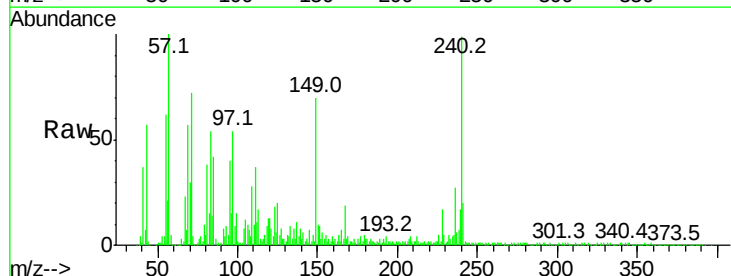
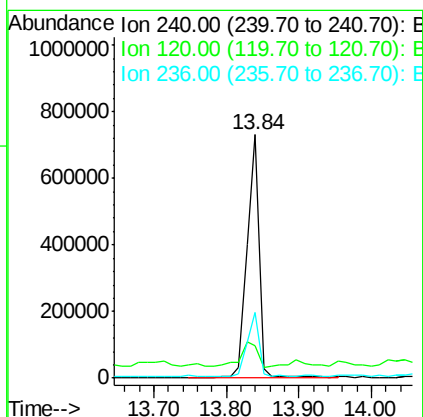
RT: 13.84 min Scan# 1072

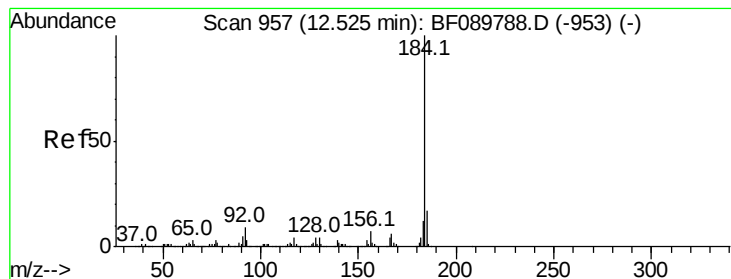
Delta R.T. -0.03 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Tgt Ion:240	Resp: 819465
Ion Ratio	Lower Upper
240 100	
120 13.5	8.3 12.5#
236 26.9	21.3 31.9





#76
Benzidine
Concen: 22.85 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

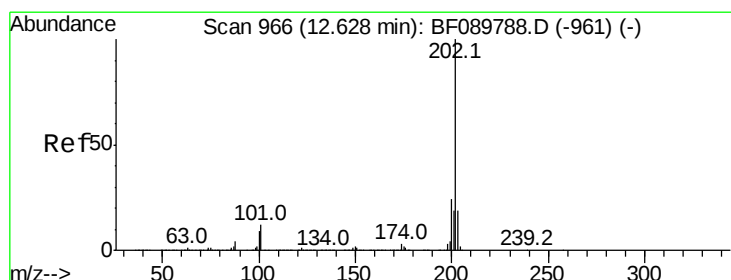
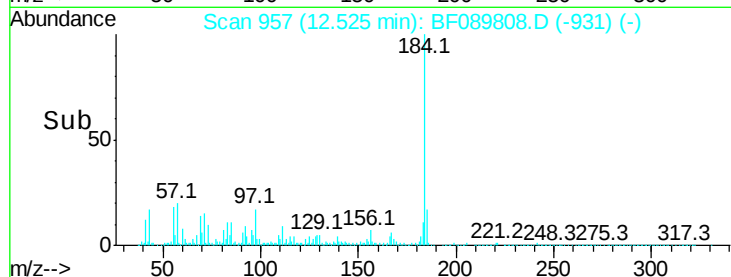
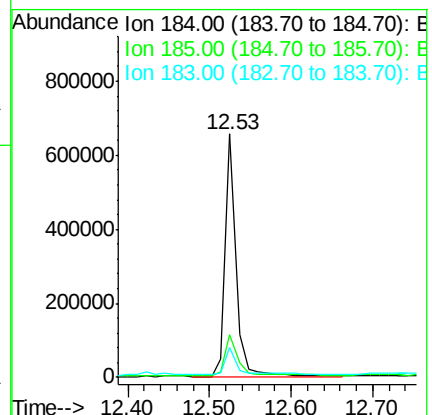
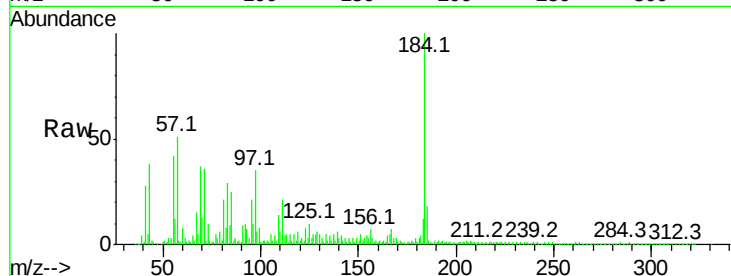
Instrument :
BNA_F
ClientSampleId :
I-3MS

Tot Ion:	184	Resp:	605862
Ion Ratio	Lower	Upper	
184	100		
185	17.6	13.8	20.8
183	12.2	9.7	14.5

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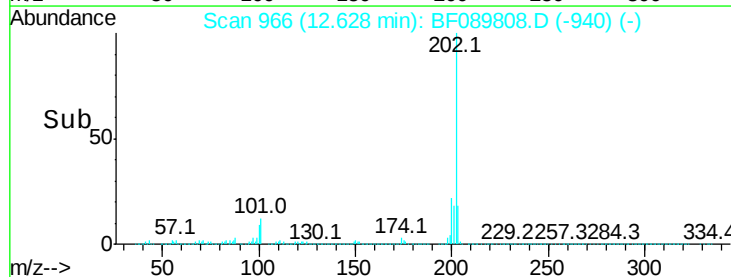
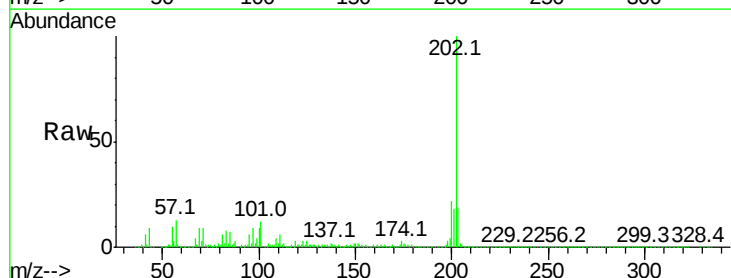
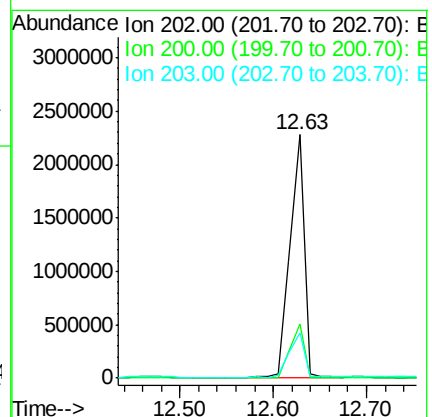
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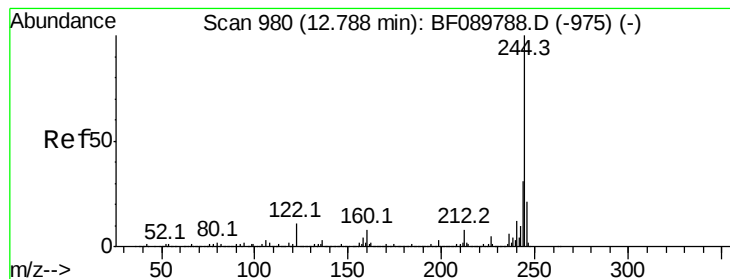
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#77
Pyrene
Concen: 35.92 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:	202	Resp:	2396652
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.6
203	18.6	14.2	21.4





#78

Terphenyl-d14

Concen: 67.28 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampled :

I-3MS

Tot Ion:244 Resp: 2436911

Ion Ratio Lower Upper

244 100

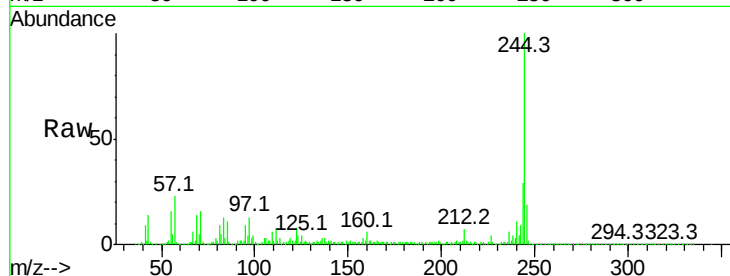
212 7.1 6.3 9.5

122 8.2 12.0 18.0#

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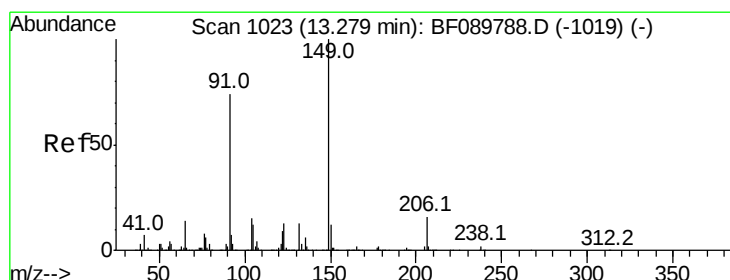
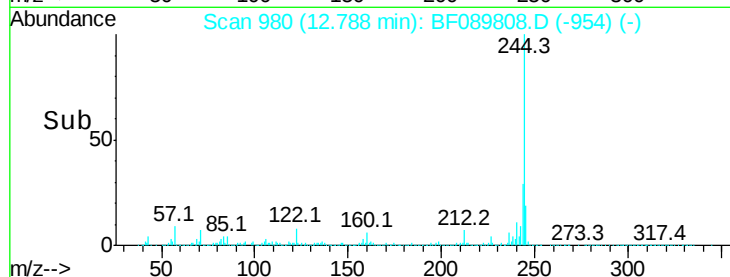
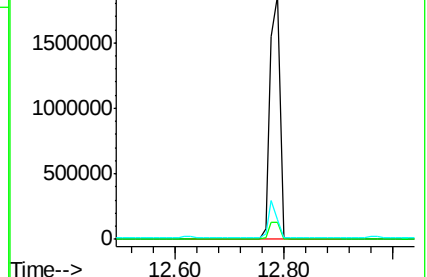
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 33.61 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

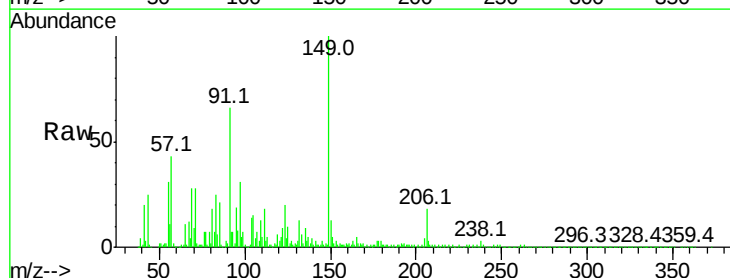
Tgt Ion:149 Resp: 1012913

Ion Ratio Lower Upper

149 100

91 66.2 50.7 76.1

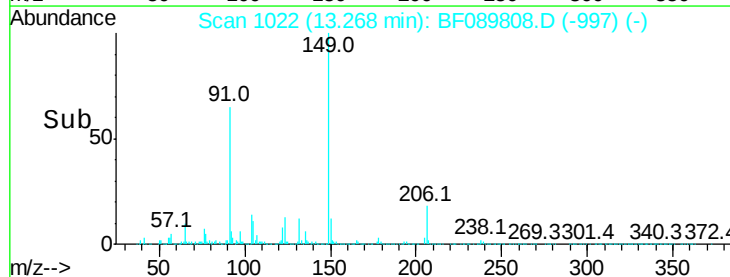
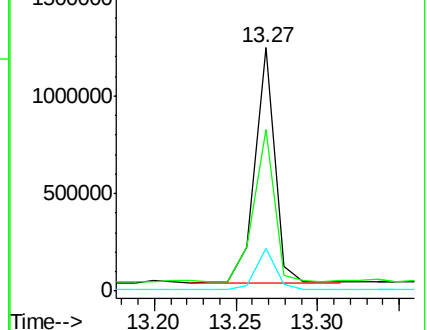
206 17.5 15.5 23.3

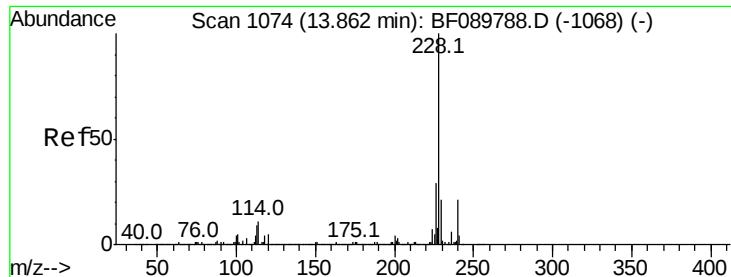


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80
Benzo(a)anthracene
Concen: 37.60 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.03 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

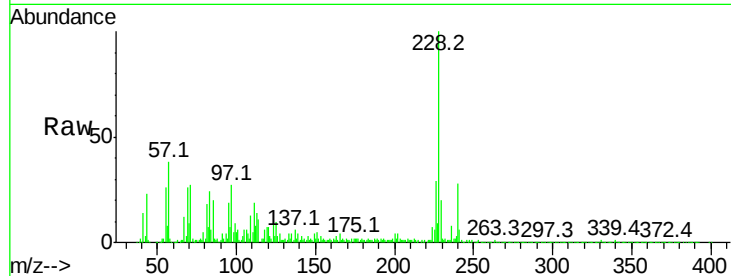
Instrument :
BNA_F
ClientSampled :
I-3MS

Tot	Ion:228	Resp:	1764591
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.2	34.8
229	20.4	16.2	24.4

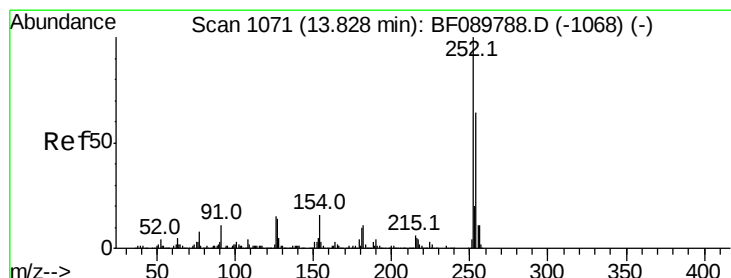
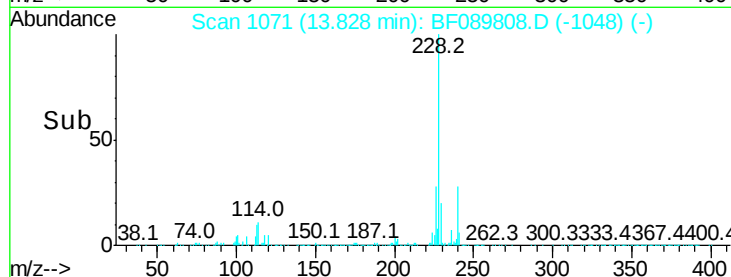
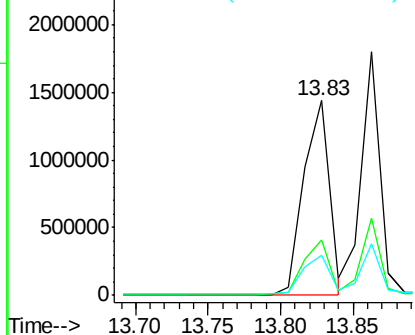
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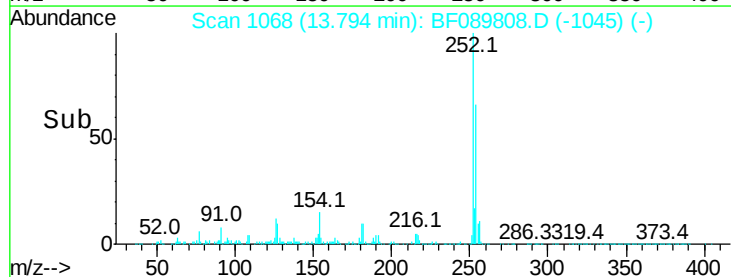
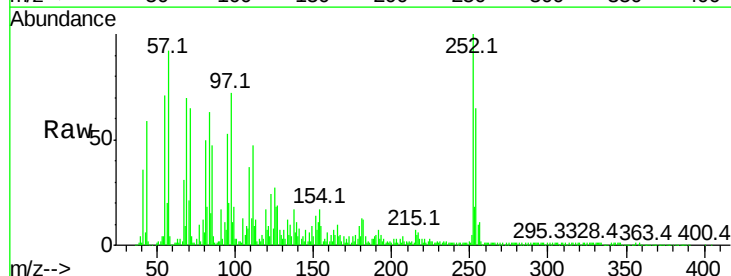
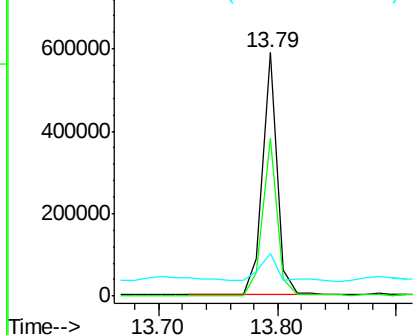
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

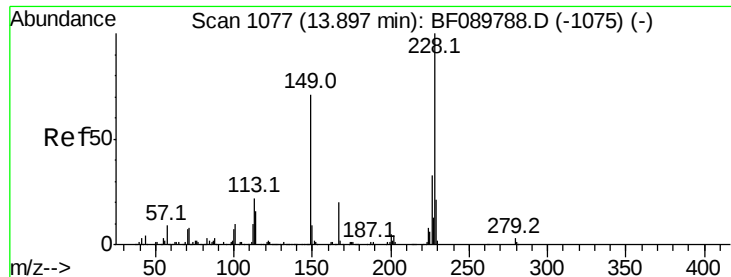


#81
3,3'-Dichlorobenzidine
Concen: 33.14 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.03 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt	Ion:252	Resp:	509933
Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.6	75.8
126	17.5	12.6	18.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82
Chrysene
Concen: 40.67 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.03 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

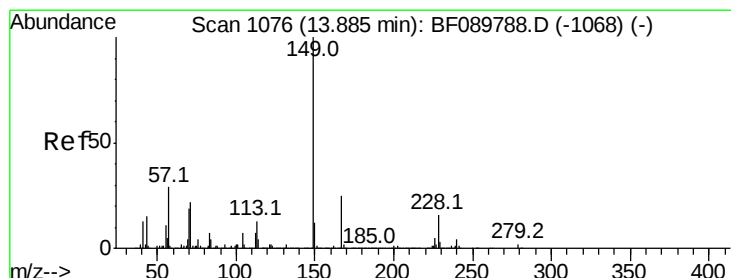
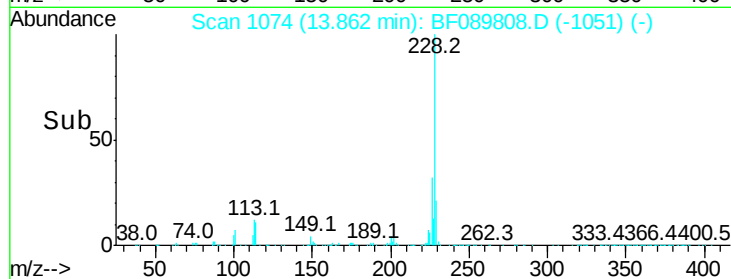
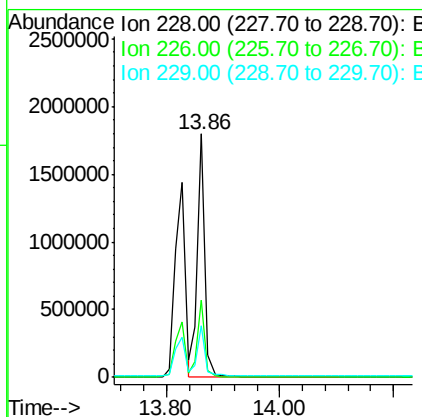
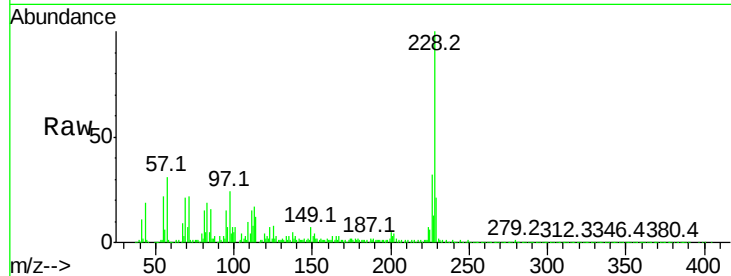
Instrument :
BNA_F
ClientSampleId :
I-3MS

Tot Ion:	228	Resp:	1636414
Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	21.1	16.5	24.7

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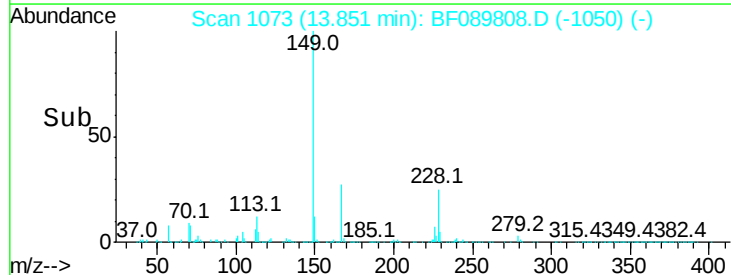
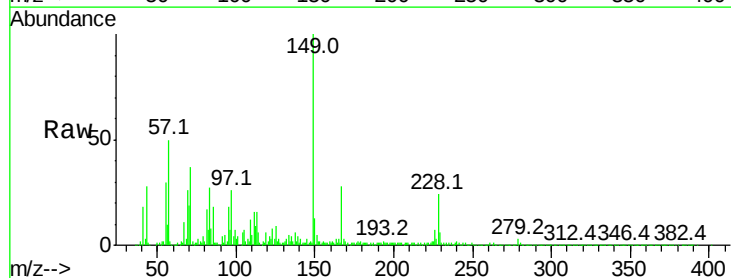
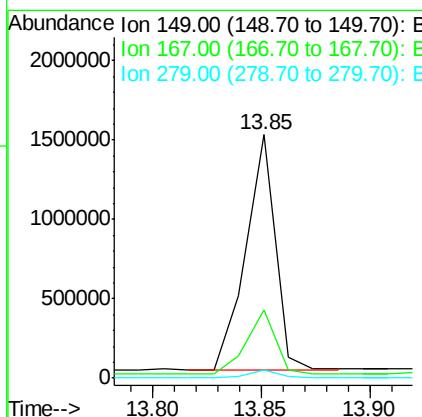
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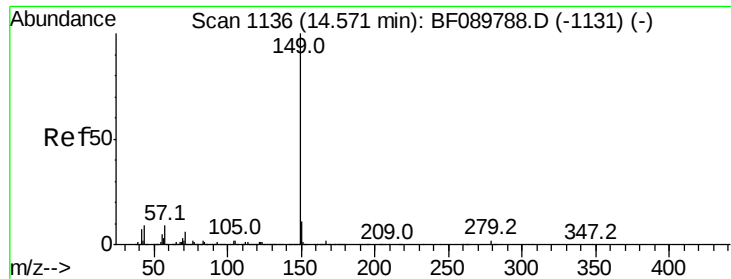
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#83
Bis(2-ethylhexyl)phthalate
Concen: 33.43 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.03 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion:	149	Resp:	1388055
Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.2	31.8
279	3.4	2.9	4.3





#84
Di-n-octyl phthalate
Concen: 41.18 ng
RT: 14.49 min Scan# 1129
Delta R.T. -0.08 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

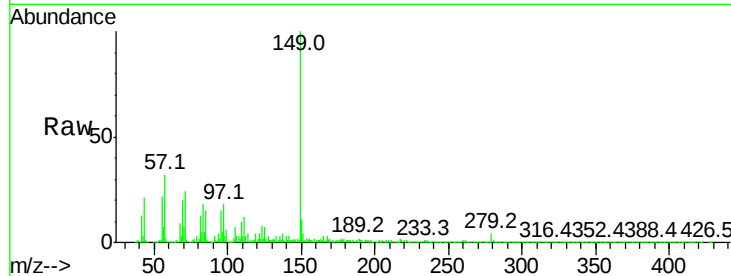
Instrument :
BNA_F
ClientSampled :
I-3MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.5	8.4	12.6

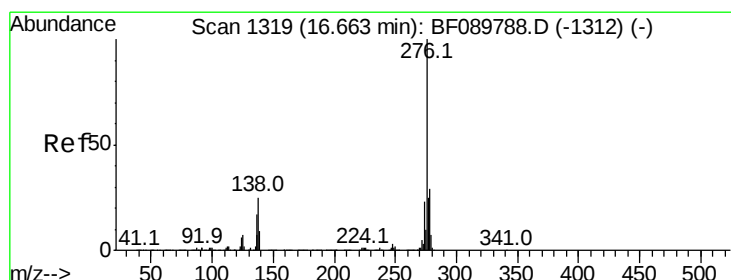
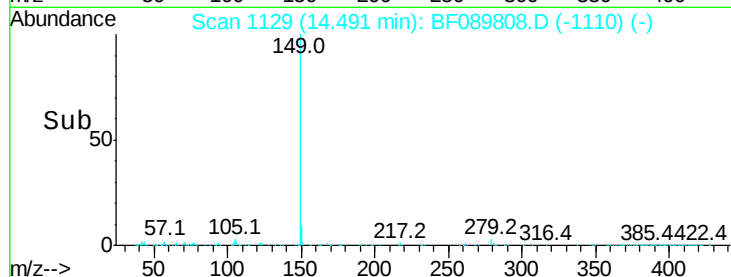
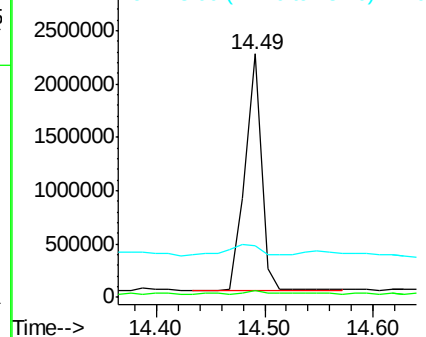
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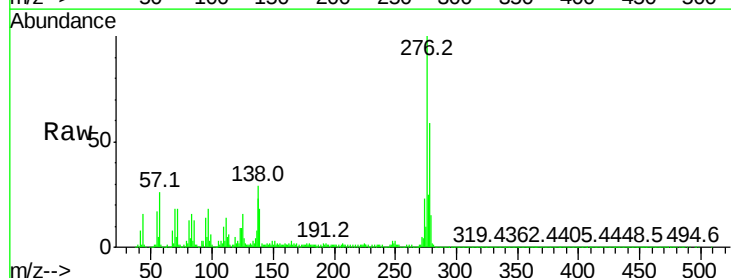


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

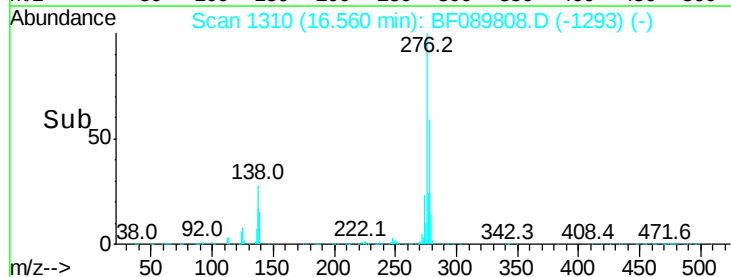
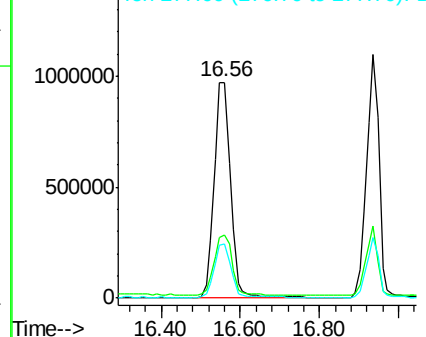


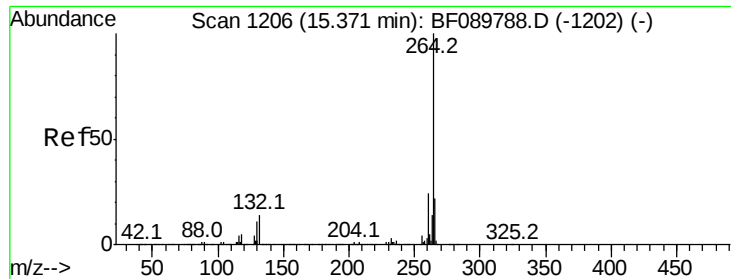
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.21 ng
RT: 16.56 min Scan# 1310
Delta R.T. -0.10 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	24.6	36.8
277	24.9	20.4	30.6



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





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.11 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

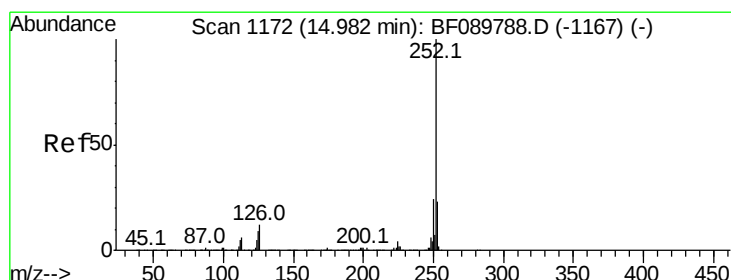
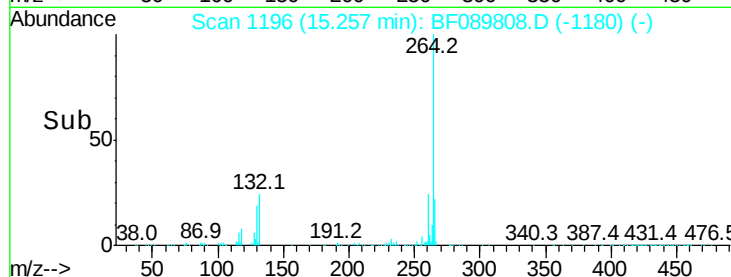
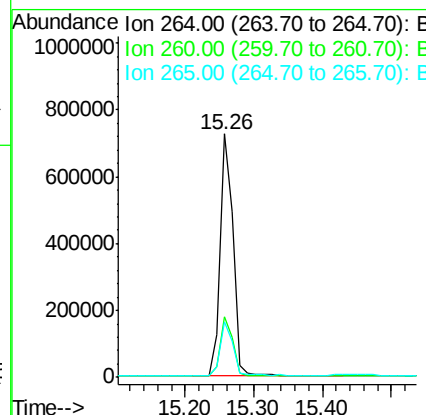
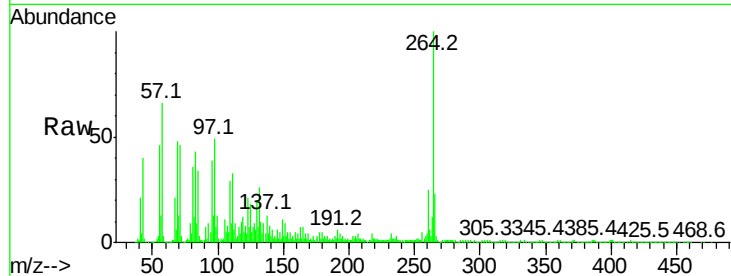
Instrument :
BNA_F
ClientSampled :
I-3MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	22.6	17.4	26.2

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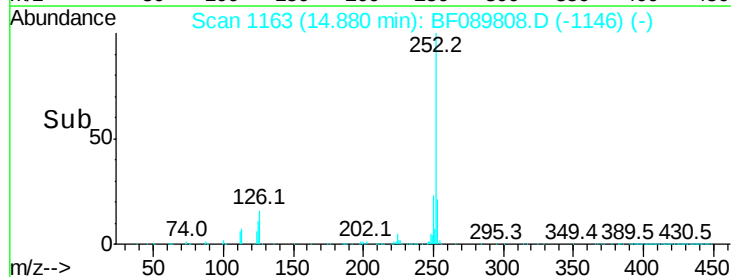
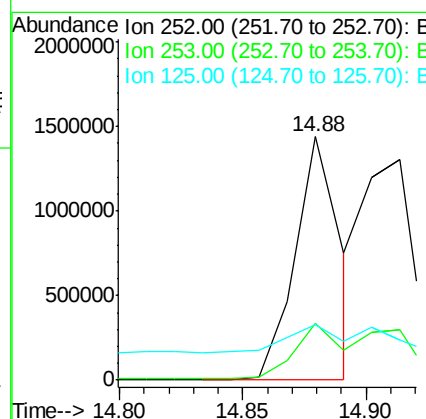
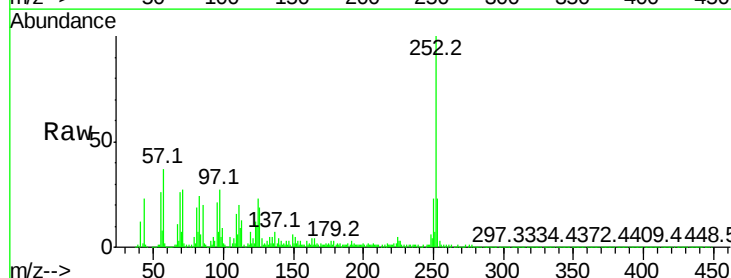
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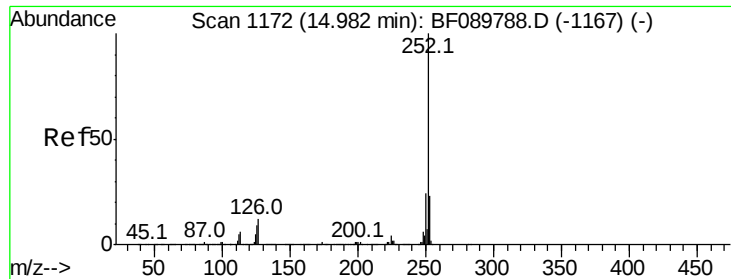
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#87
Benzo(b)fluoranthene
Concen: 34.48 ng m
RT: 14.88 min Scan# 1163
Delta R.T. -0.10 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	22.7	11.4	17.2





#88

Benzo(k)fluoranthene

Concen: 37.51 ng

RT: 14.91 min Scan# 1166

Delta R.T. -0.09 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

Instrument :

BNA_F

ClientSampleId :

I-3MS

Tot Ion:252 Resp: 1815695

Ion Ratio Lower Upper

252 100

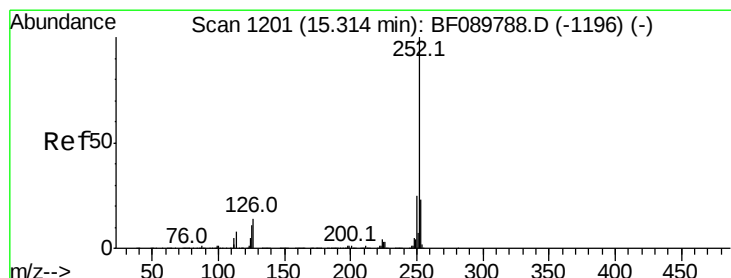
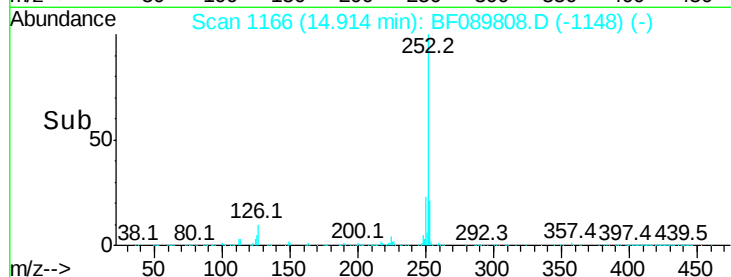
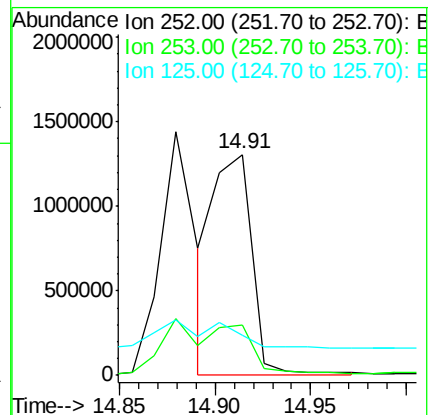
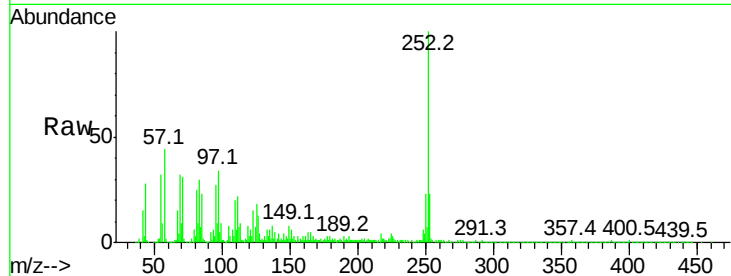
253 23.1 18.4 27.6

125 18.2 9.8 14.6#

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#89

Benzo(a)pyrene

Concen: 38.95 ng

RT: 15.21 min Scan# 1192

Delta R.T. -0.10 min

Lab File: BF089808.D

Acq: 19 Aug 2016 20:53

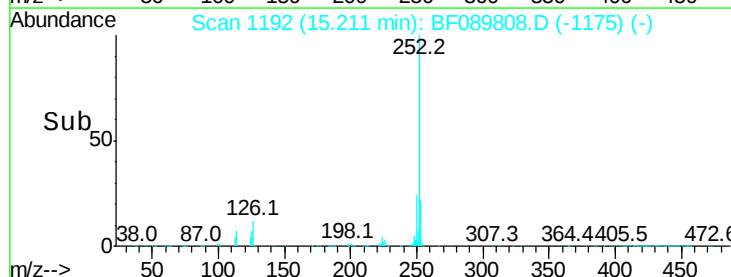
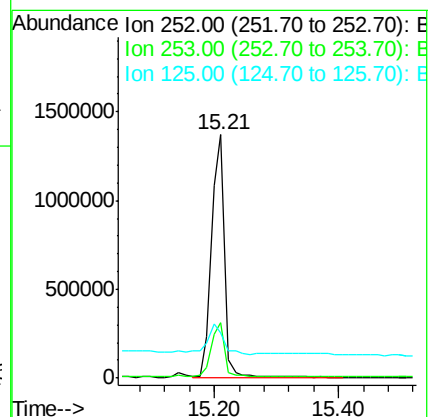
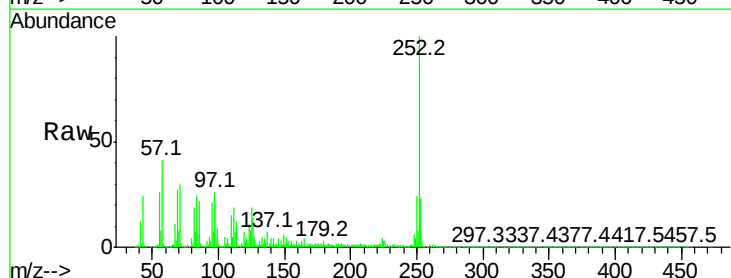
Tgt Ion:252 Resp: 1966667

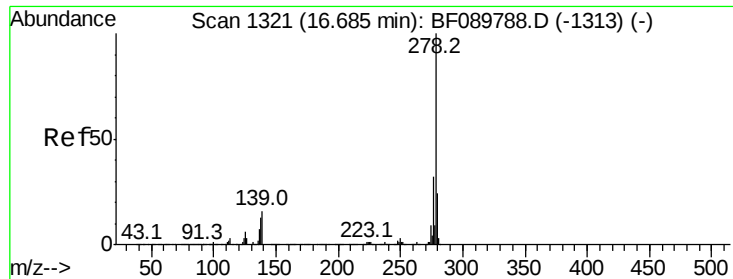
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 18.6 11.7 17.5#





#90
Dibenzo(a,h)anthracene
Concen: 41.35 ng
RT: 16.57 min Scan# 1311
Delta R.T. -0.11 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

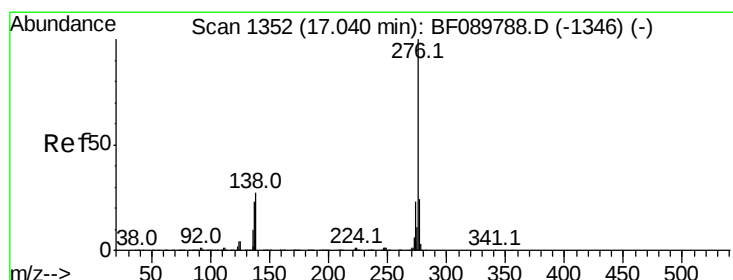
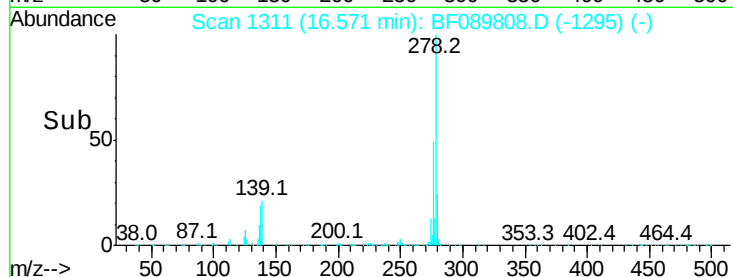
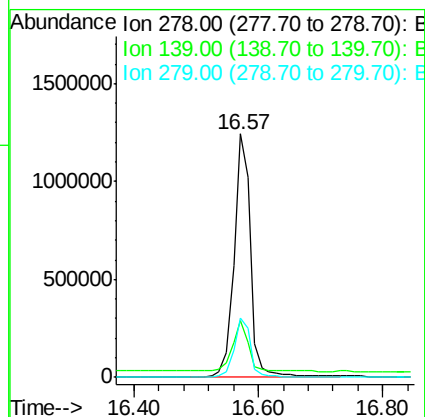
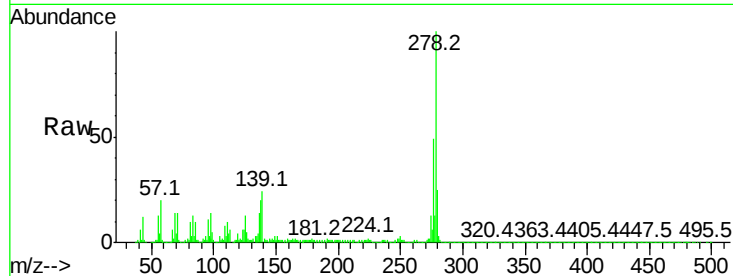
Instrument :
BNA_F
ClientSampleId :
I-3MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.5	14.9	22.3#
279	24.5	19.2	28.8

Manual Integrations
APPROVED

sohil

8/22/2016 3:48:11 PM



#91
Benzo(g,h,i)perylene
Concen: 41.08 ng
RT: 16.94 min Scan# 1343
Delta R.T. -0.10 min
Lab File: BF089808.D
Acq: 19 Aug 2016 20:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	29.6	22.1	33.1

