

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088828.D
 Acq On : 8 Jul 2016 16:27
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 08 18:56:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	87493	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	363578	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	172891	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	319378	20.00	ng	-0.05
75) Chrysene-d12	13.87	240	198367	20.00	ng	-0.05
86) Perylene-d12	15.25	264	175910	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	450035	77.09	ng	-0.06
7) Phenol-d6	6.38	99	568128	75.32	ng	-0.03
23) Nitrobenzene-d5	7.30	82	493992	71.20	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	149249	92.96	ng	-0.05
44) 2-Fluorobiphenyl	9.10	172	845933	77.29	ng	-0.05
78) Terphenyl-d14	12.82	244	739838	83.07	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.25	88	103867	35.89	ng	# 27
3) Pyridine	2.91	79	307593	36.62	ng	91
4) n-Nitrosodimethylamine	2.88	42	112739	35.14	ng	87
6) Aniline	6.40	93	406921	37.02	ng	100
8) 2-Chlorophenol	6.51	128	241396	38.47	ng	98
9) Benzaldehyde	6.27	77	161299	31.57	ng	88
10) Phenol	6.39	94	330641	38.41	ng	# 58
11) bis(2-Chloroethyl)ether	6.48	93	251676	39.20	ng	# 80
12) 1,3-Dichlorobenzene	6.67	146	281623	40.79	ng	99
13) 1,4-Dichlorobenzene	6.75	146	291043	42.47	ng	99
14) 1,2-Dichlorobenzene	6.75	146	291043	45.37	ng	96
15) Benzyl Alcohol	6.88	79	201854	36.36	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	298944	32.15	ng	89
17) 2-Methylphenol	6.99	107	206948	40.43	ng	96
18) Hexachloroethane	7.24	117	105108	39.65	ng	# 86
19) n-Nitroso-di-n-propylamine	7.16	70	195459	38.58	ng	# 84
20) 3+4-Methylphenols	7.15	107	226948	36.94	ng	# 80
22) Acetophenone	7.15	105	371067	42.05	ng	# 90
24) Nitrobenzene	7.32	77	284729	40.70	ng	96
25) Isophorone	7.56	82	478206	37.21	ng	96
26) 2-Nitrophenol	7.63	139	118975	41.48	ng	94
27) 2,4-Dimethylphenol	7.68	122	211990	35.48	ng	87
28) bis(2-Chloroethoxy)methane	7.78	93	327381	39.15	ng	# 97
29) 2,4-Dichlorophenol	7.88	162	201470	41.73	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	230703	43.54	ng	100
31) Naphthalene	8.04	128	783480	43.71	ng	99
32) Benzoic acid	7.83	122	162931	37.56	ng	92
33) 4-Chloroaniline	8.09	127	295045	37.00	ng	96
34) Hexachlorobutadiene	8.16	225	118731	41.85	ng	97
35) Caprolactam	8.47	113	66842	40.76	ng	91
36) 4-Chloro-3-methylphenol	8.58	107	254750	44.62	ng	96
37) 2-Methylnaphthalene	8.73	142	461369	39.98	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	250542	43.57	ng	# 1
40) Hexachlorocyclopentadiene	8.89	237	102256	36.23	ng	99

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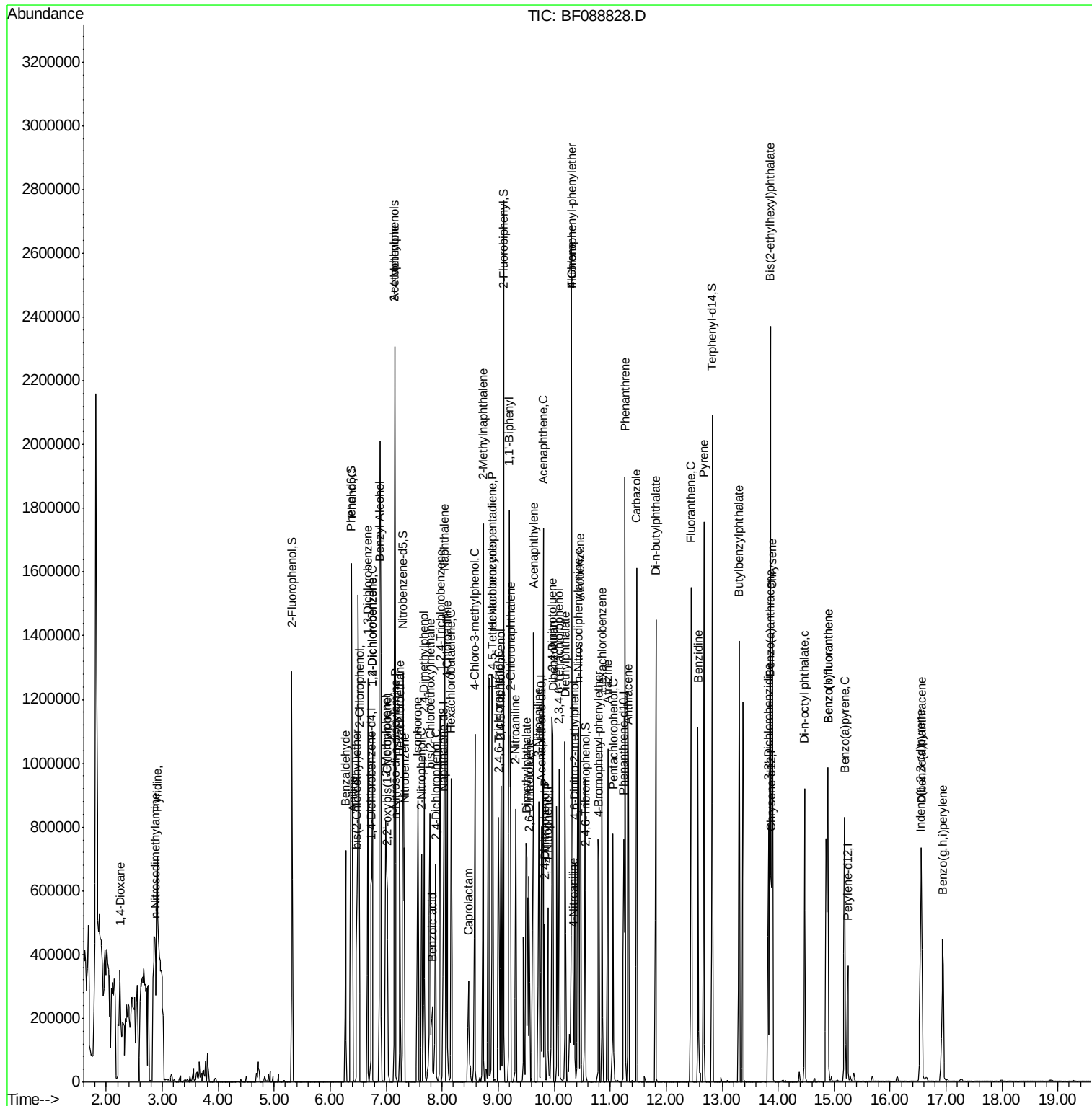
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	138589	36.55	ng	96
43) 2,4,5-Trichlorophenol	9.05	196	146635	44.95	ng	# 93
45) 1,1'-Biphenyl	9.20	154	616472	43.06	ng	96
46) 2-Chloronaphthalene	9.22	162	465287	41.40	ng	95
47) 2-Nitroaniline	9.31	65	150666	37.77	ng	98
48) Acenaphthylene	9.63	152	751661	42.03	ng	99
49) Dimethylphthalate	9.51	163	502334	40.78	ng	98
50) 2,6-Dinitrotoluene	9.55	165	107000	39.20	ng	# 38
51) Acenaphthene	9.80	154	475992	43.42	ng	98
52) 3-Nitroaniline	9.72	138	128763	37.10	ng	93
53) 2,4-Dinitrophenol	9.83	184	51795	42.97	ng	88
54) Dibenzofuran	9.98	168	586017	40.84	ng	96
55) 4-Nitrophenol	9.88	139	85657	32.48	ng	92
56) 2,4-Dinitrotoluene	9.96	165	148772	41.68	ng	# 88
57) Fluorene	10.31	166	436995	39.52	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	103835	41.14	ng	# 47
59) Diethylphthalate	10.19	149	480763	38.89	ng	98
60) 4-Chlorophenyl-phenylether	10.31	204	197989	38.54	ng	92
61) 4-Nitroaniline	10.34	138	139612	41.81	ng	95
62) Azobenzene	10.47	77	545910	38.72	ng	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	72196	42.26	ng	97
65) n-Nitrosodiphenylamine	10.43	169	429750	39.76	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	136474	42.40	ng	97
67) Hexachlorobenzene	10.86	284	131363	36.87	ng	92
68) Atrazine	10.96	200	133690	39.69	ng	94
69) Pentachlorophenol	11.05	266	80725	38.29	ng	96
70) Phenanthrene	11.27	178	658282	37.71	ng	99
71) Anthracene	11.32	178	685900	39.51	ng	98
72) Carbazole	11.47	167	586663	35.91	ng	99
73) Di-n-butylphthalate	11.82	149	789559	41.54	ng	99
74) Fluoranthene	12.45	202	608558	34.38	ng	97
76) Benzidine	12.57	184	375709	37.47	ng	99
77) Pyrene	12.67	202	676052	40.19	ng	99
79) Butylbenzylphthalate	13.30	149	295318	39.36	ng	# 81
80) Benzo(a)anthracene	13.85	228	506393	39.65	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	197653	41.16	ng	98
82) Chrysene	13.90	228	533320	42.20	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	346833	40.49	ng	98
84) Di-n-octyl phthalate	14.47	149	550550	37.84	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.55	276	417490	42.94	ng	# 100
87) Benzo(h)fluoranthene	14.89	252	830985	75.30	ng	100
88) Benzo(k)fluoranthene	14.89	252	830985	86.50	ng	# 95
89) Benzo(a)pyrene	15.19	252	369680	39.57	ng	96
90) Dibenzo(a,h)anthracene	16.56	278	355367	45.55	ng	98
91) Benzo(g,h,i)perylene	16.94	276	371165	45.97	ng	98

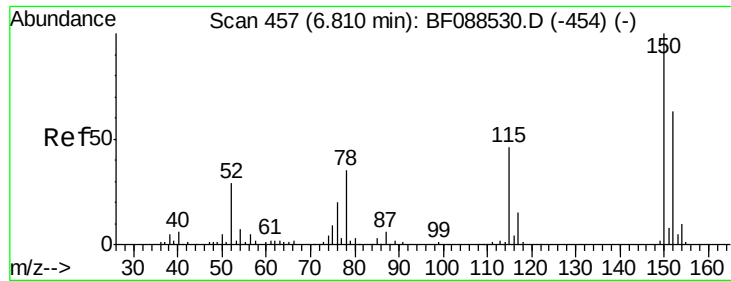
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF088828.D  
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Sample    : SSTCCCC040  
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ALS Vial  : 2 Sample Multiplier: 1
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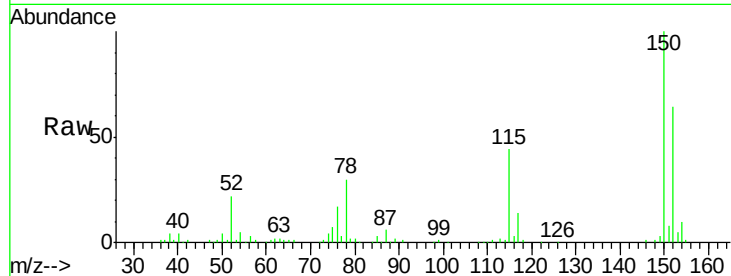


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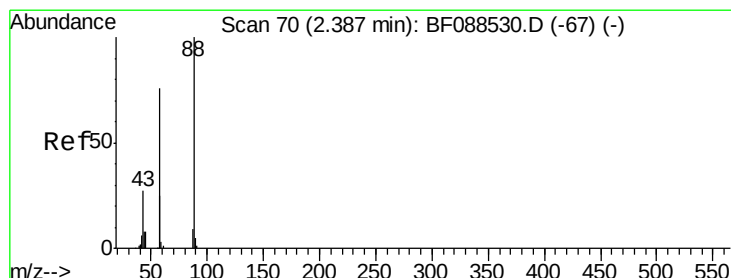
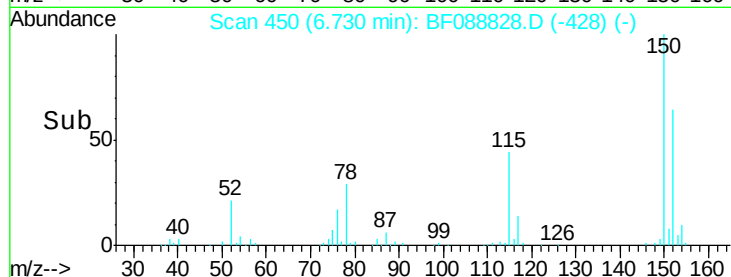
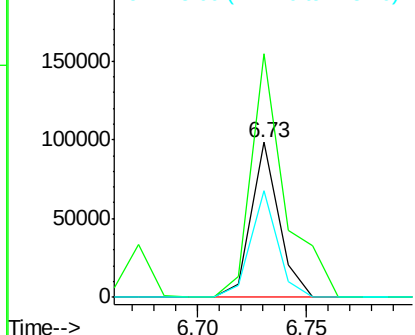
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 87493
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.6
115 68.7 39.6 59.4#



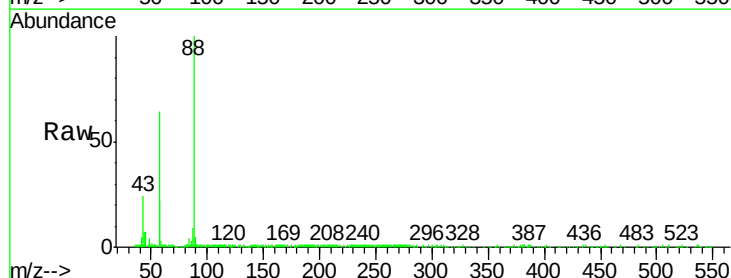
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



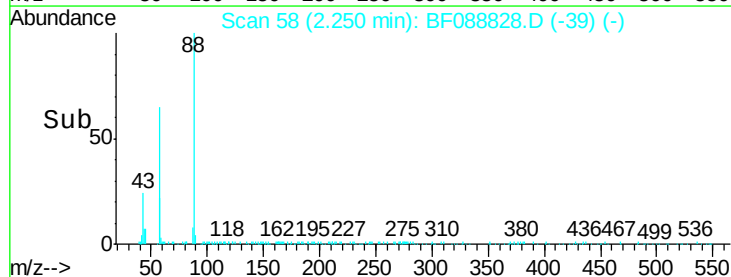
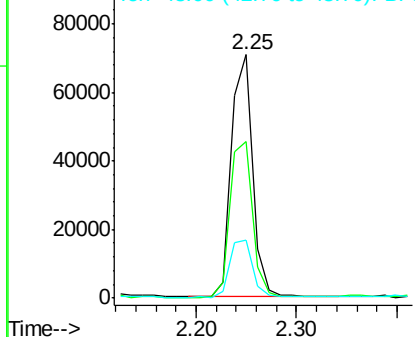
#2

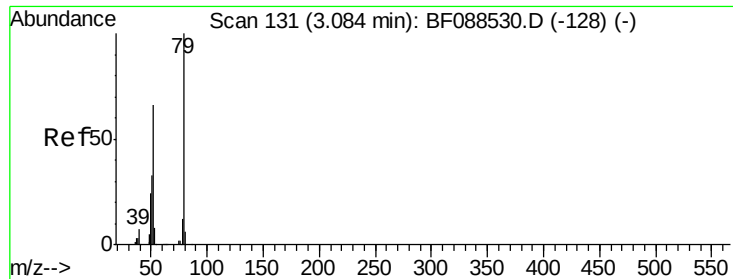
1,4-Dioxane
Concen: 35.89 ng
RT: 2.25 min Scan# 58
Delta R.T. -0.08 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion: 88 Resp: 103867
Ion Ratio Lower Upper
88 100
58 70.4 0.0 0.0#
43 28.3 3.4 5.2#



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





#3

Pyridine

Concen: 36.62 ng

RT: 2.91 min Scan# 116

Delta R.T. -0.09 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

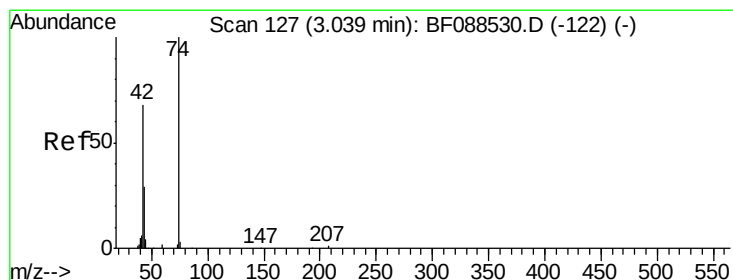
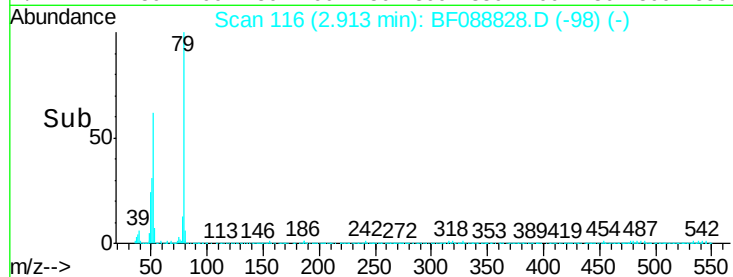
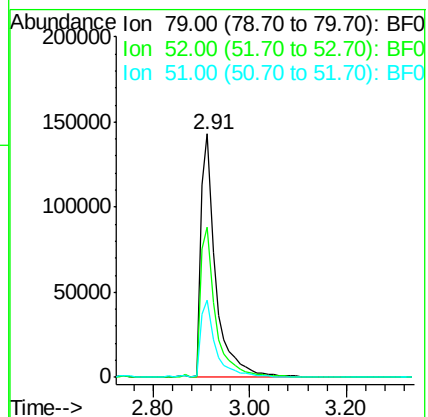
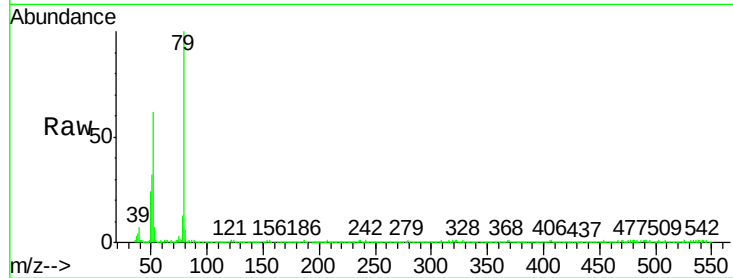
Tgt Ion: 79 Resp: 307593

Ion Ratio Lower Upper

79 100

52 61.7 56.3 84.5

51 31.5 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 35.14 ng

RT: 2.88 min Scan# 113

Delta R.T. -0.09 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

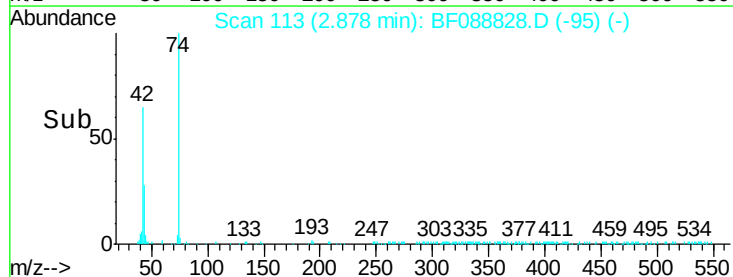
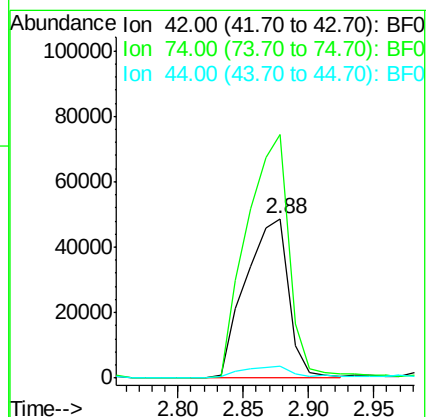
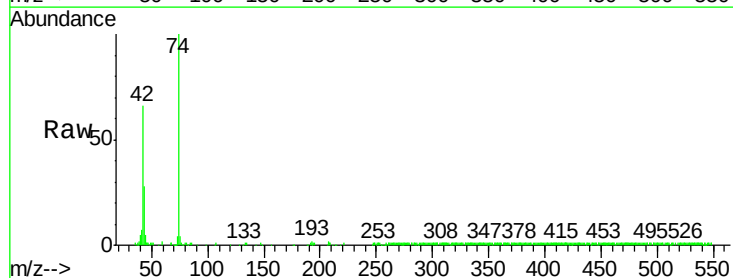
Tgt Ion: 42 Resp: 112739

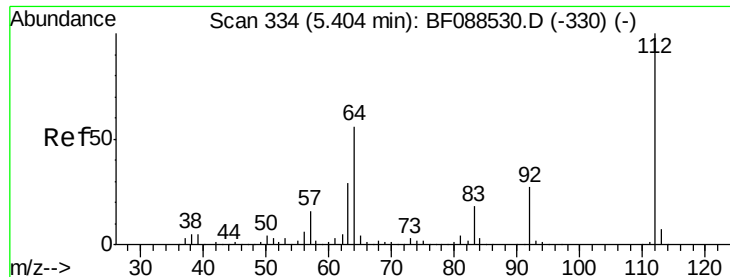
Ion Ratio Lower Upper

42 100

74 152.5 108.6 163.0

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 77.09 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.06 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

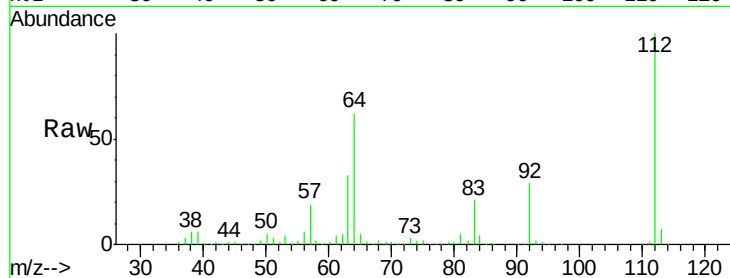
Tgt Ion: 112 Resp: 450035

Ion Ratio Lower Upper

112 100

64 61.7 42.2 63.2

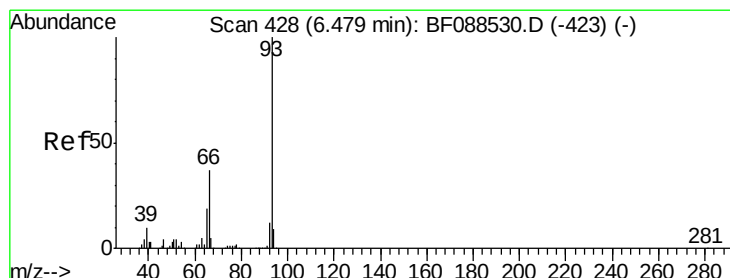
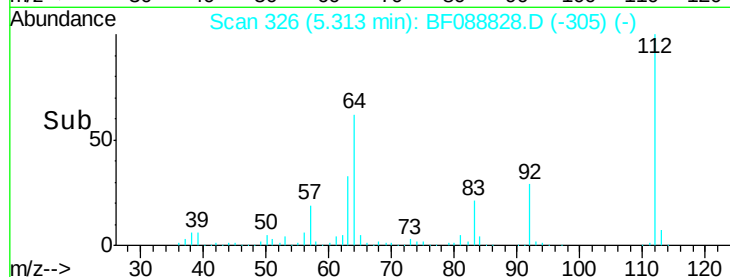
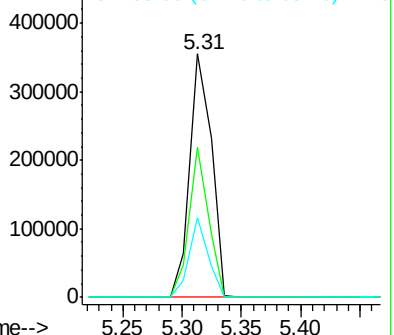
63 32.6 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.02 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

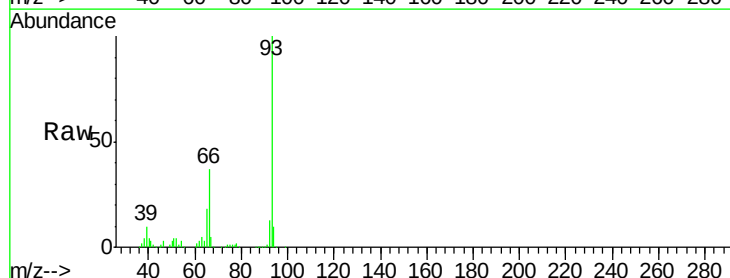
Tgt Ion: 93 Resp: 406921

Ion Ratio Lower Upper

93 100

66 37.3 29.8 44.8

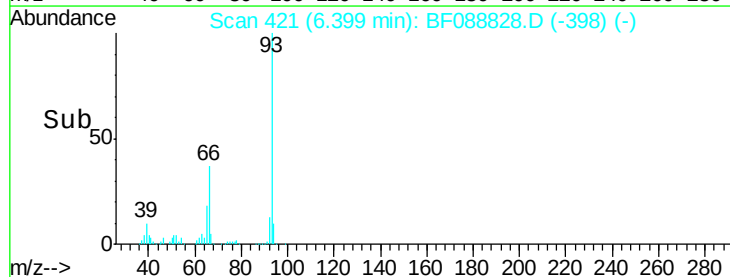
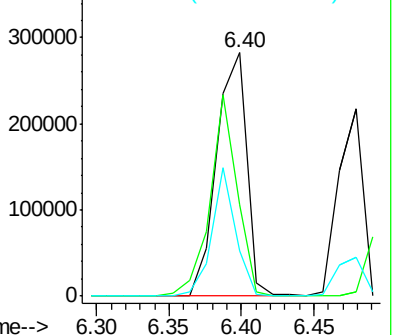
65 18.5 14.9 22.3

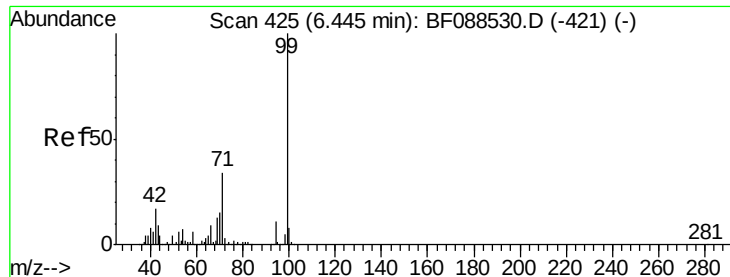


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.32 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

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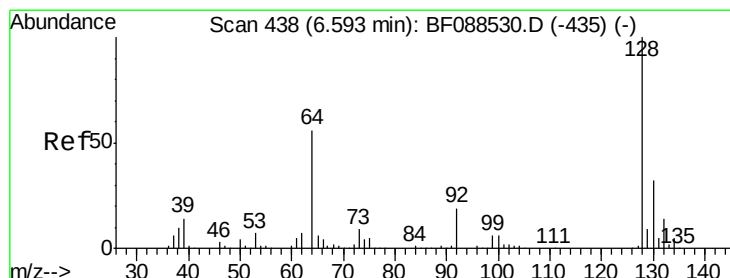
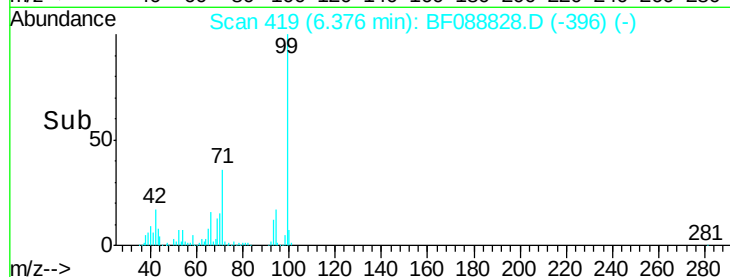
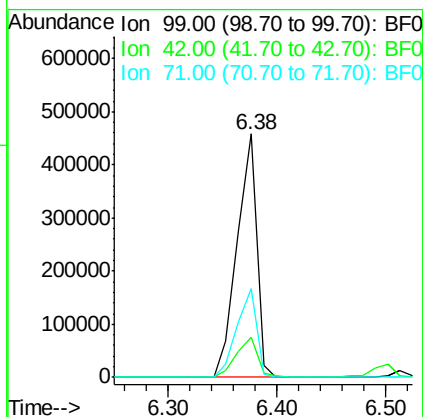
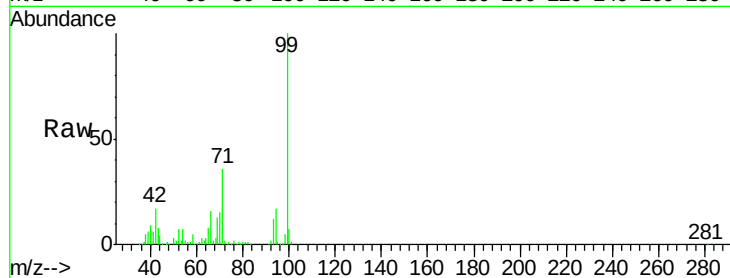
Tgt Ion: 99 Resp: 568128

Ion Ratio Lower Upper

99 100

42 16.5 12.2 18.2

71 36.4 23.4 35.0#



#8

2-Chlorophenol

Concen: 38.47 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

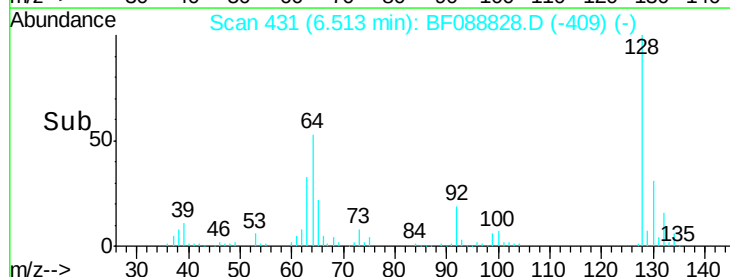
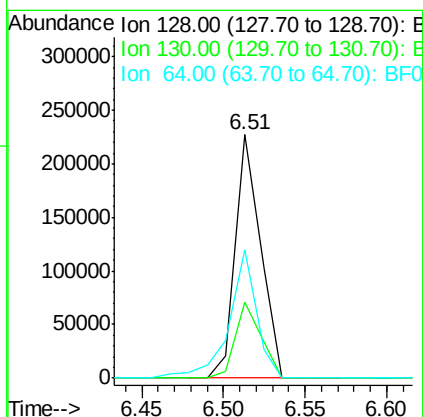
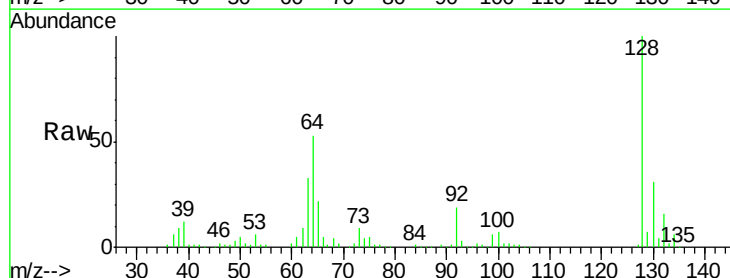
Tgt Ion: 128 Resp: 241396

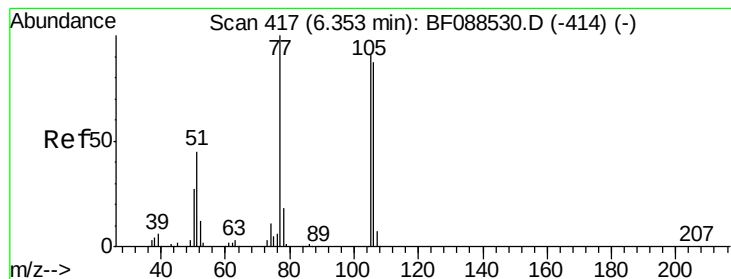
Ion Ratio Lower Upper

128 100

130 31.4 12.0 52.0

64 52.7 30.8 70.8





#9

Benzaldehyde

Concen: 31.57 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

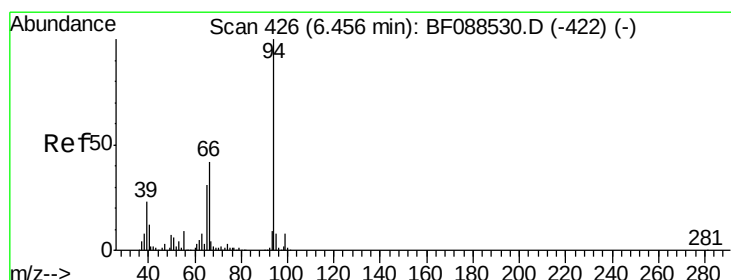
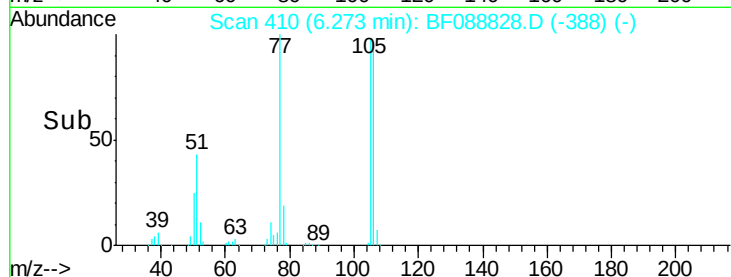
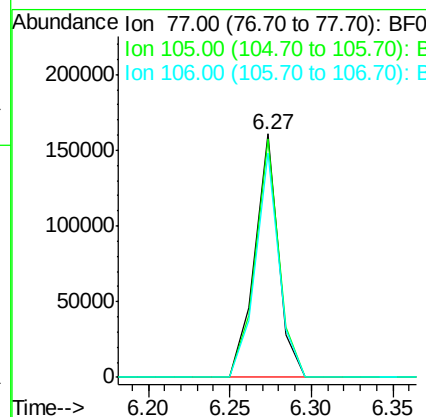
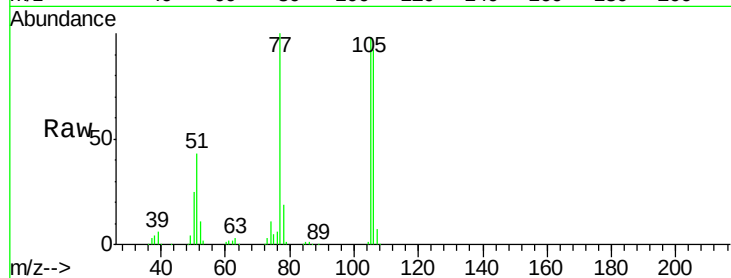
Tgt Ion: 77 Resp: 161299

Ion Ratio Lower Upper

77 100

105 97.9 90.6 130.6

106 92.3 85.3 125.3



#10

Phenol

Concen: 38.41 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

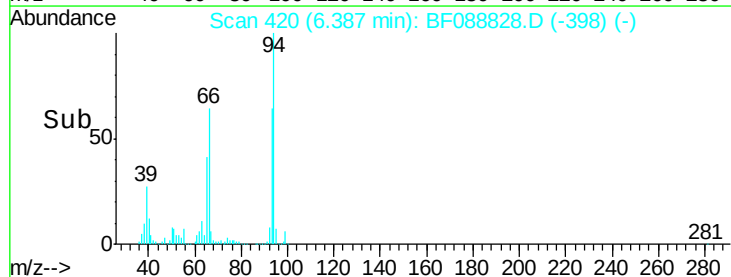
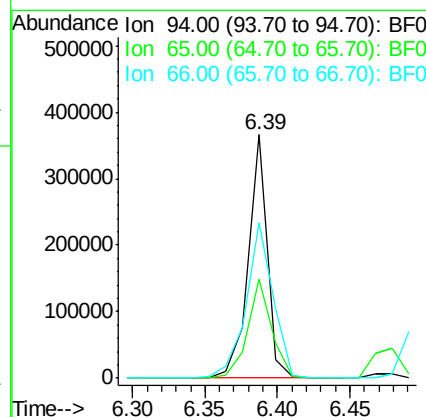
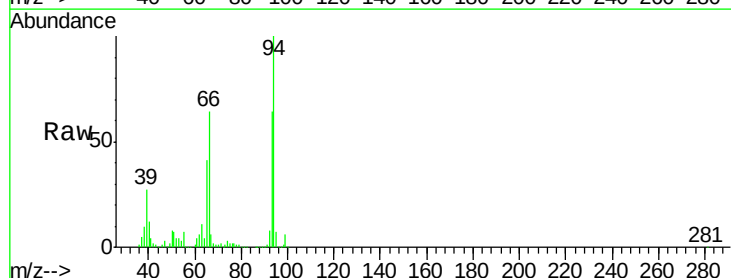
Tgt Ion: 94 Resp: 330641

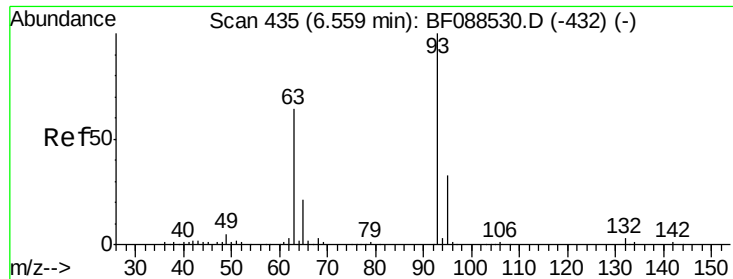
Ion Ratio Lower Upper

94 100

65 40.8 5.9 45.9

66 63.9 14.0 54.0#

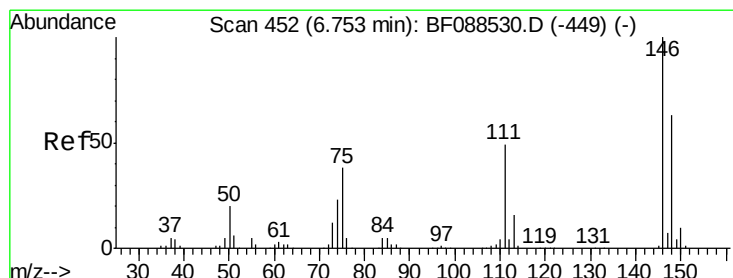
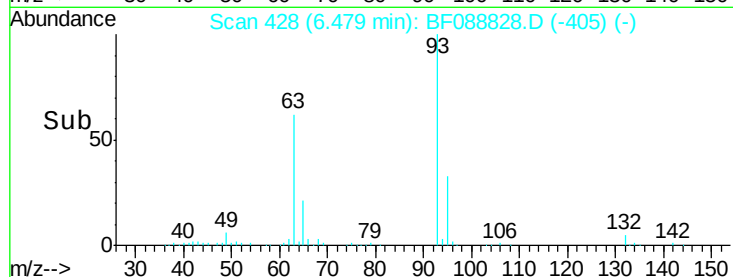
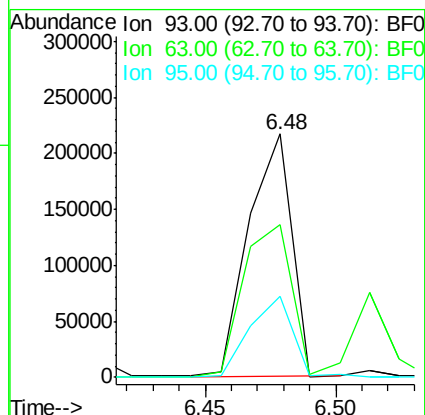
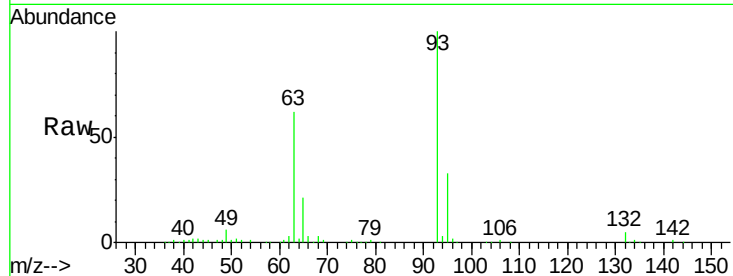




#11
 bis(2-Chloroethyl)ether
 Concen: 39.20 ng
 RT: 6.48 min Scan# 428
 Delta R.T. -0.03 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

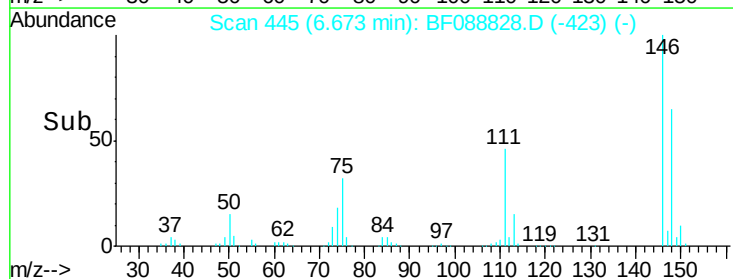
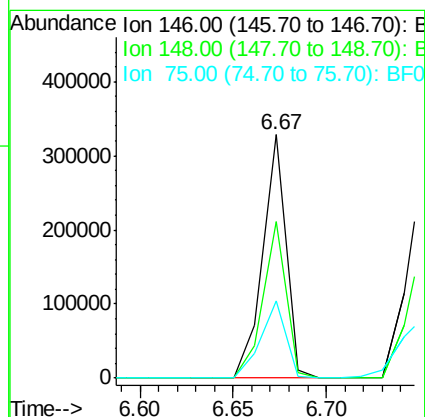
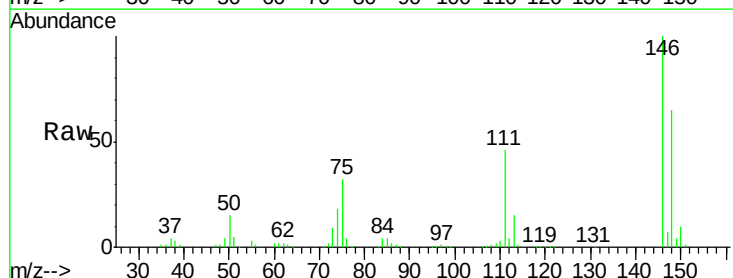
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

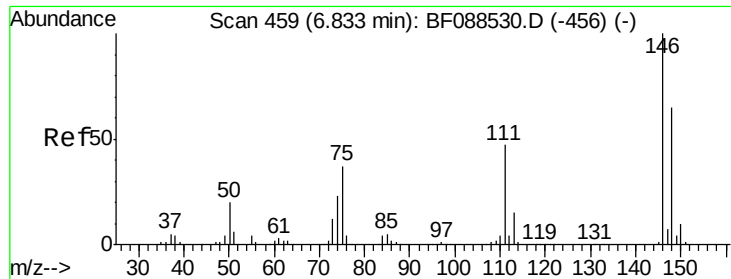
Tgt Ion: 93 Resp: 251676
 Ion Ratio Lower Upper
 93 100
 63 62.5 67.6 107.6#
 95 33.2 12.5 52.5



#12
 1,3-Dichlorobenzene
 Concen: 40.79 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion: 146 Resp: 281623
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.9 76.3
 75 31.7 25.6 38.4

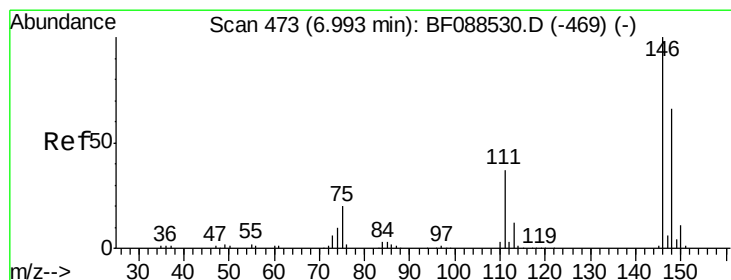
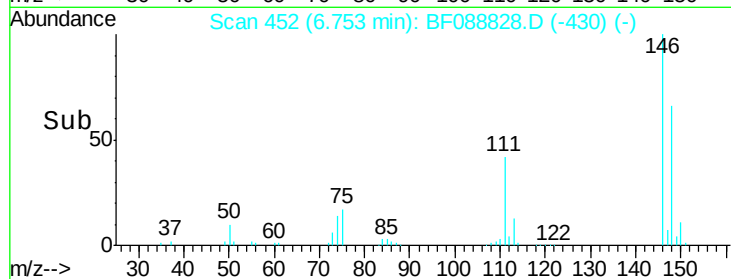
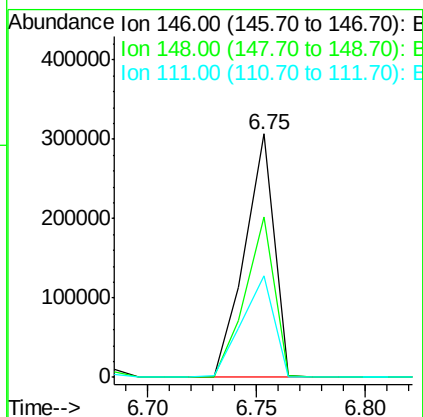
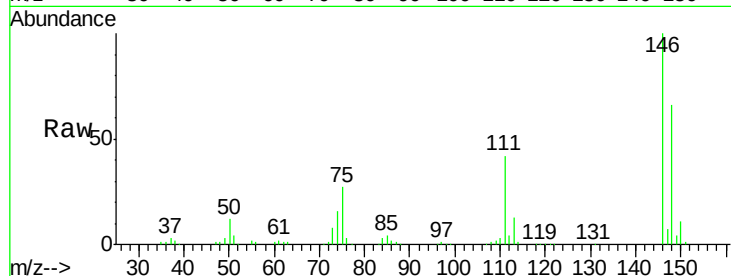




#13
 1,4-Dichlorobenzene
 Concen: 42.47 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

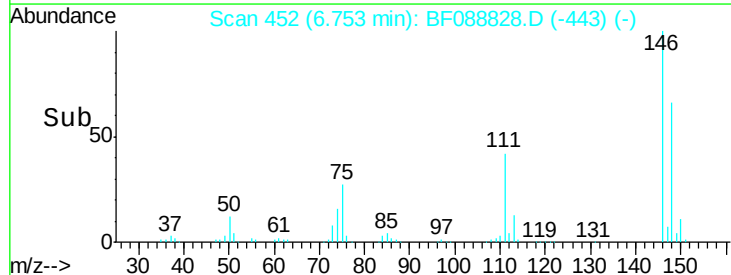
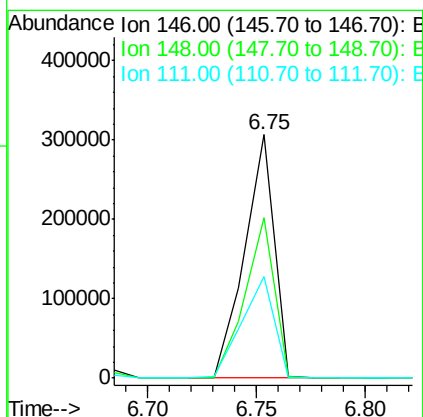
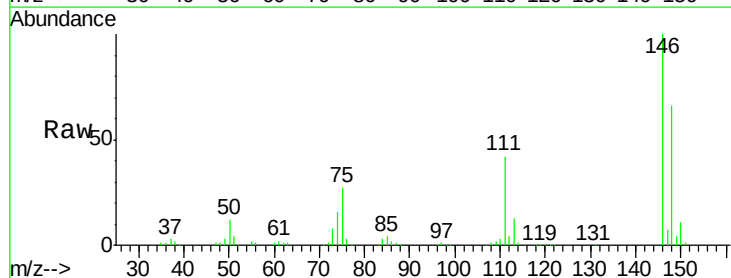
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

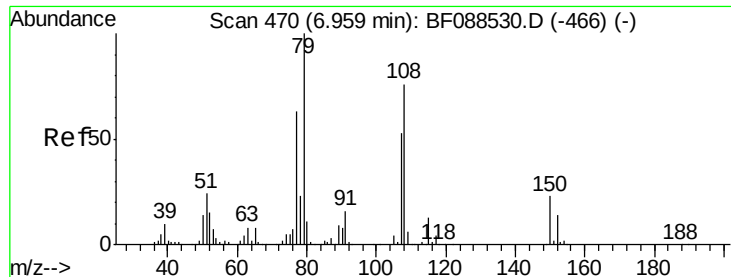
Tgt Ion:146 Resp: 291043
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.0 78.0
 111 41.5 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 45.37 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.19 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion:146 Resp: 291043
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.3 78.5
 111 41.5 28.7 43.1





#15

Benzyl Alcohol

Concen: 36.36 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

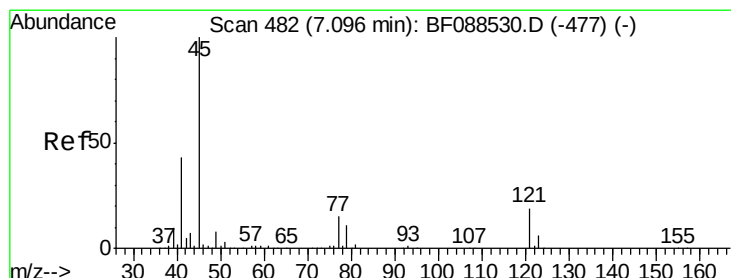
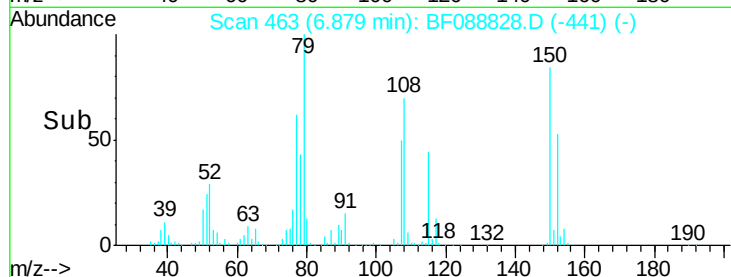
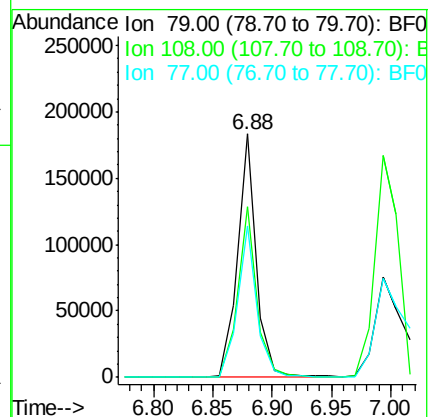
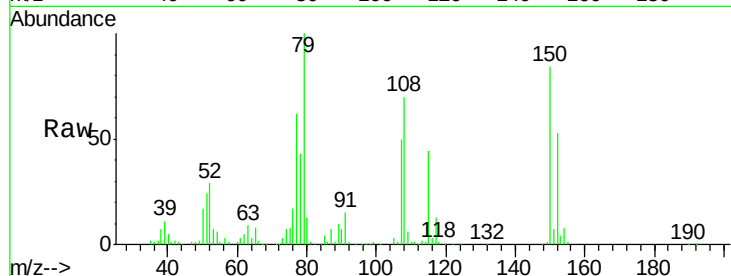
Tgt Ion: 79 Resp: 201854

Ion Ratio Lower Upper

79 100

108 69.9 65.0 97.6

77 62.0 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.15 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

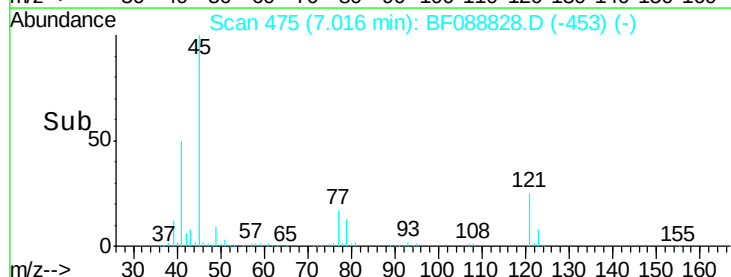
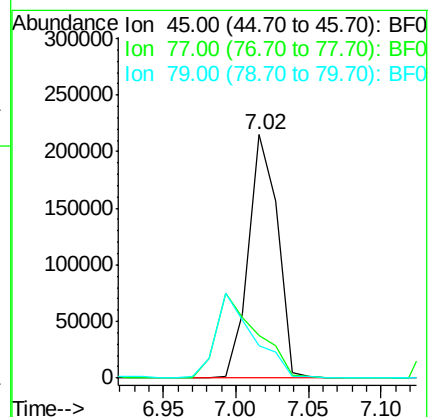
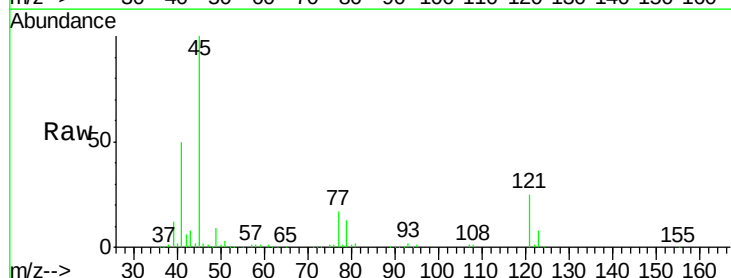
Tgt Ion: 45 Resp: 298944

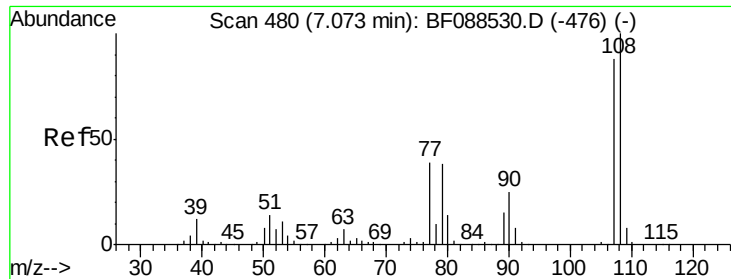
Ion Ratio Lower Upper

45 100

77 17.4 0.0 32.5

79 13.2 0.0 29.5

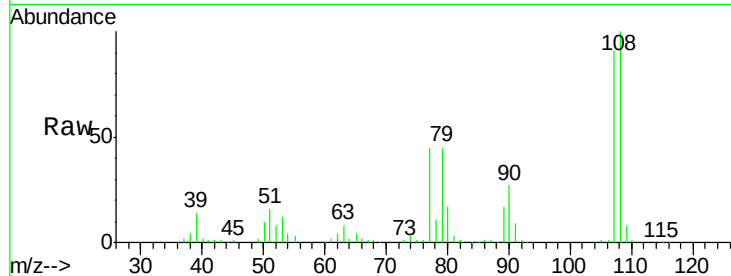




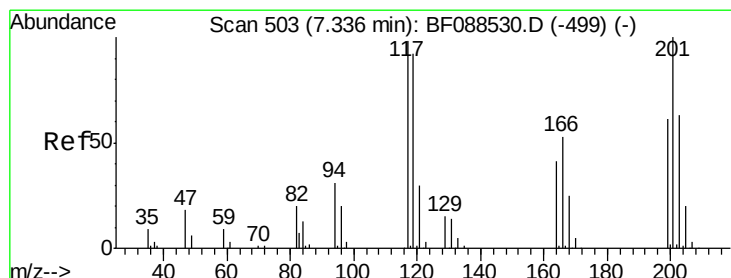
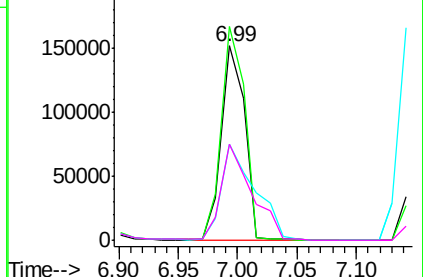
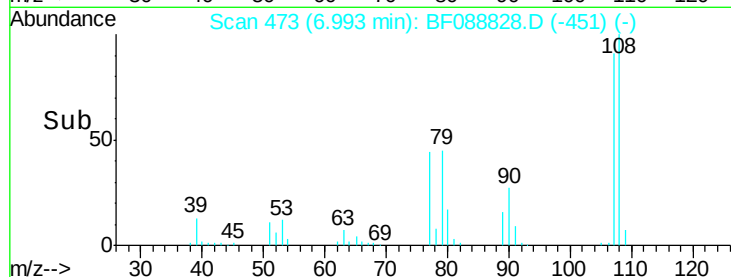
#17
2-Methylphenol
Concen: 40.43 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	107	Resp:	206948
Ion	Ratio	Lower	Upper
107	100		
108	110.1	90.9	136.3
77	49.4	36.6	55.0
79	49.4	36.5	54.7

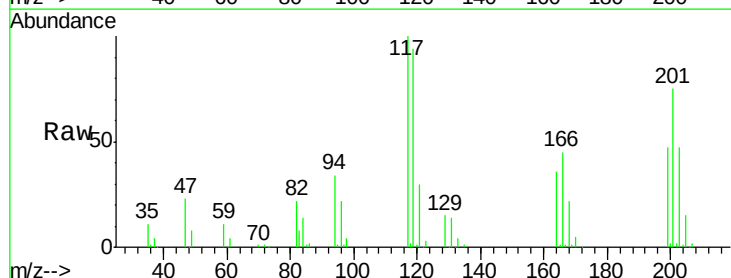


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

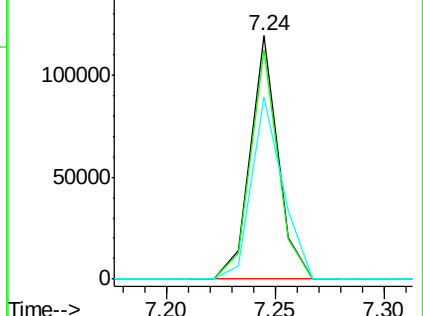
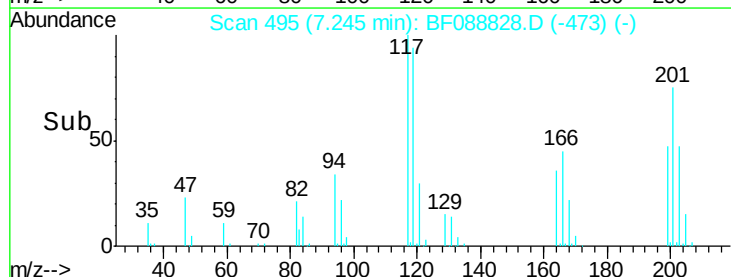


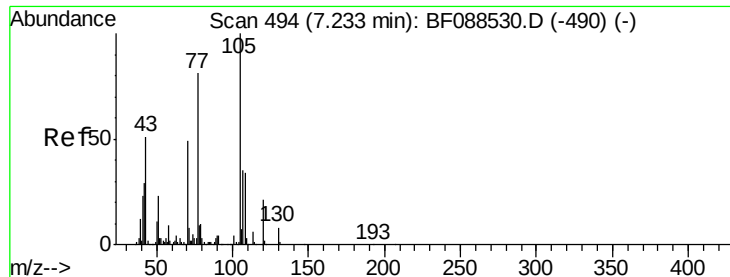
#18
Hexachloroethane
Concen: 39.65 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion:	117	Resp:	105108
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.2
201	74.6	80.4	120.6#



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

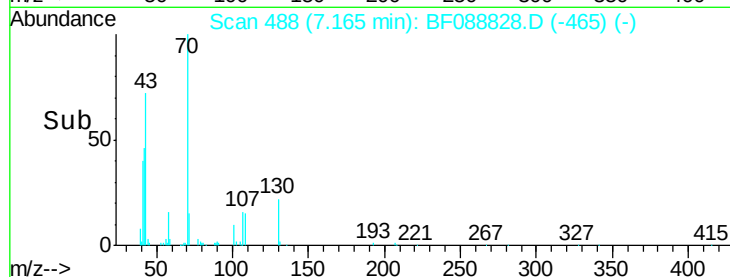
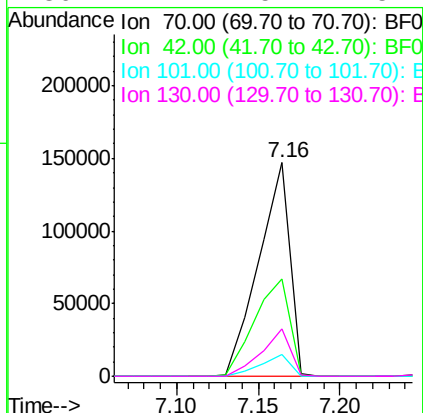
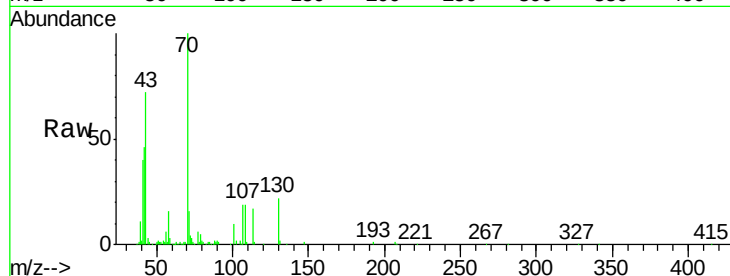




#19
n-Nitroso-di-n-propylamine
Concen: 38.58 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

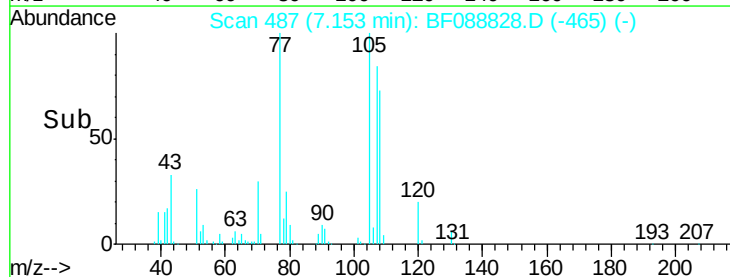
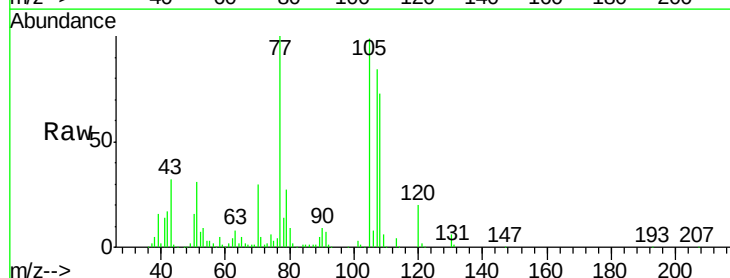
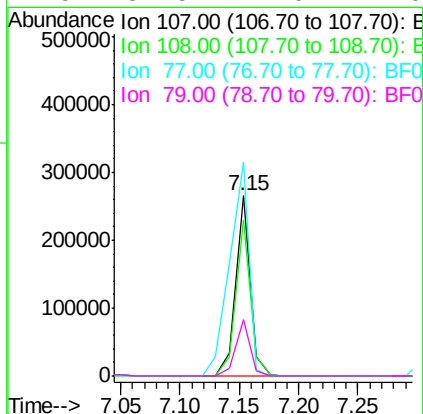
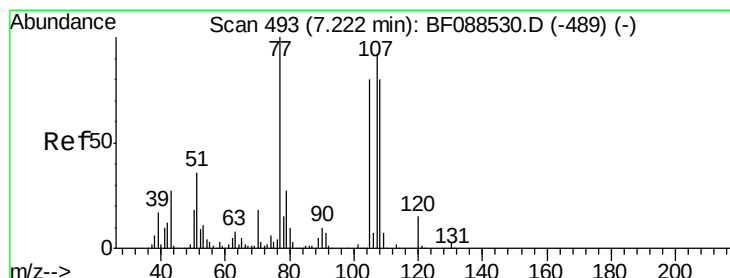
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

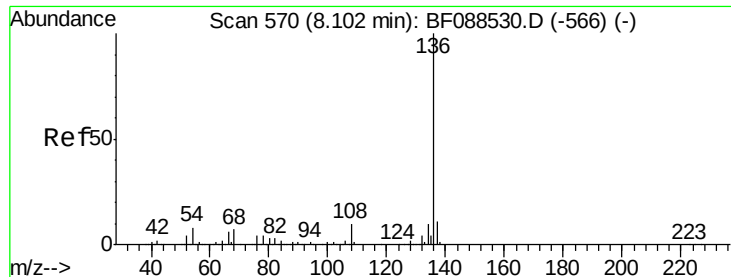
Tgt Ion:	70	Resp:	195459
Ion	Ratio	Lower	Upper
70	100		
42	45.8	49.6	74.4#
101	10.2	7.1	10.7
130	22.2	15.4	23.2



#20
3+4-Methylphenols
Concen: 36.94 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion:	107	Resp:	226948
Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.8	107.8
77	118.6	59.3	99.3#
79	31.5	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 363578

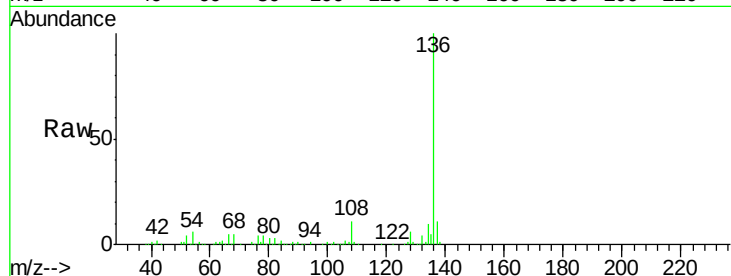
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.0 6.6 10.0#

68 5.0 5.1 7.7#

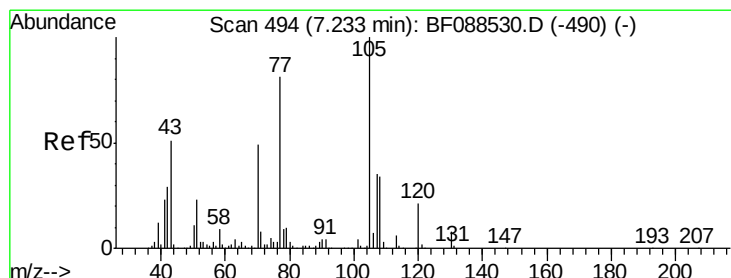
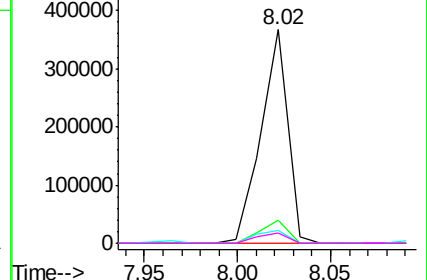
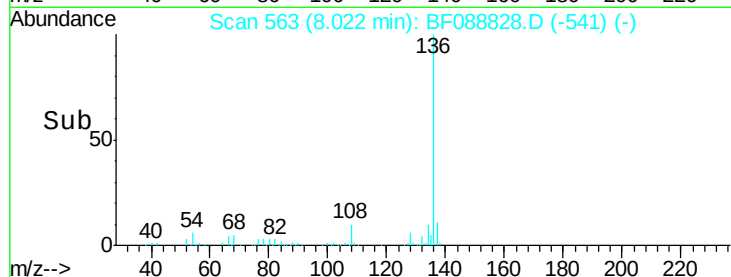


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.05 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Tgt Ion:105 Resp: 371067

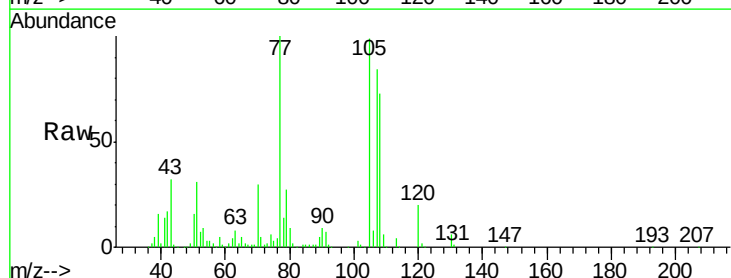
Ion Ratio Lower Upper

105 100

71 5.2 5.3 7.9#

51 31.4 18.2 27.4#

120 20.7 18.0 27.0

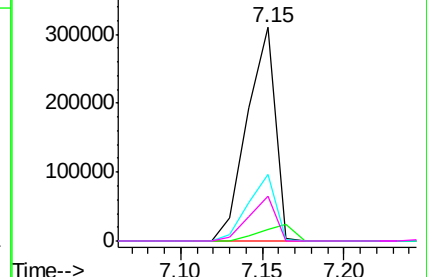
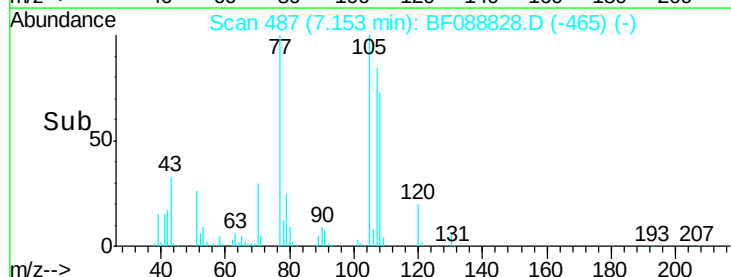


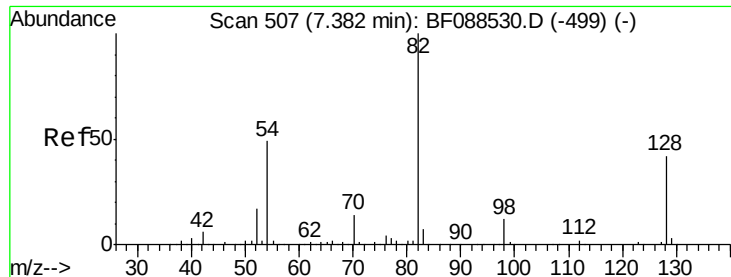
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

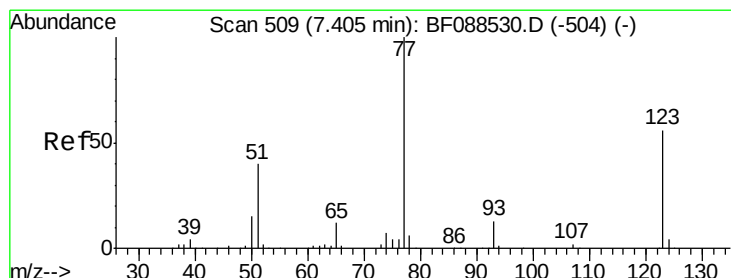
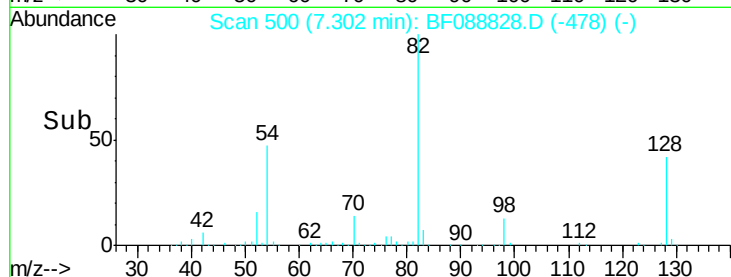
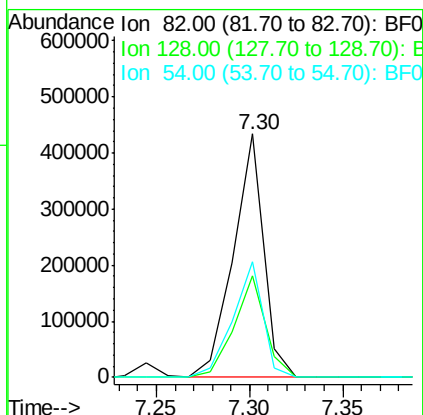
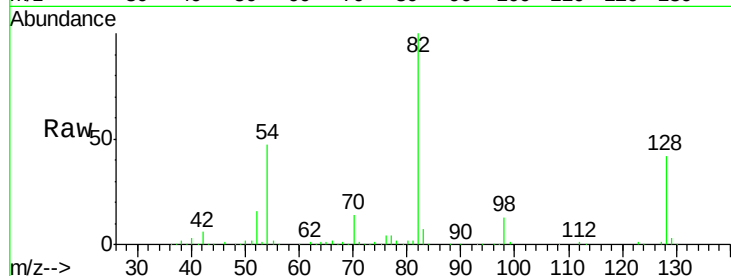




#23
 Nitrobenzene-d5
 Concen: 71.20 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

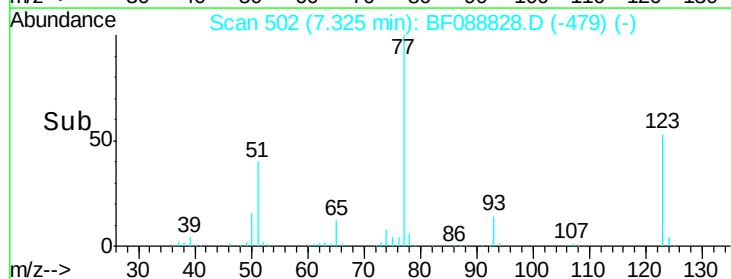
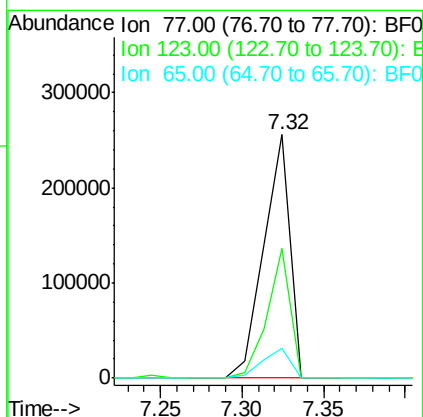
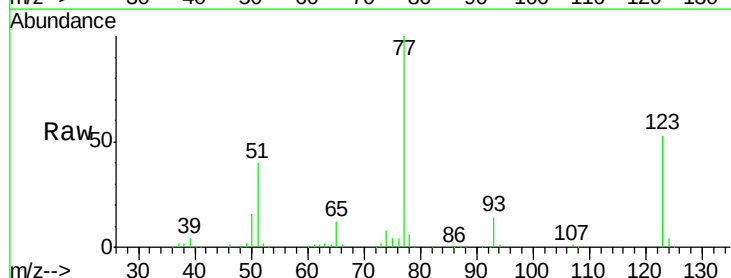
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

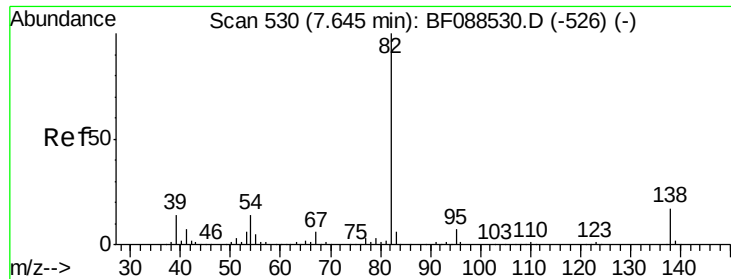
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	35.9	53.9
54	47.3	40.9	61.3



#24
 Nitrobenzene
 Concen: 40.70 ng
 RT: 7.32 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.1	45.0	67.4
65	12.5	10.2	15.2





#25

Isophorone

Concen: 37.21 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

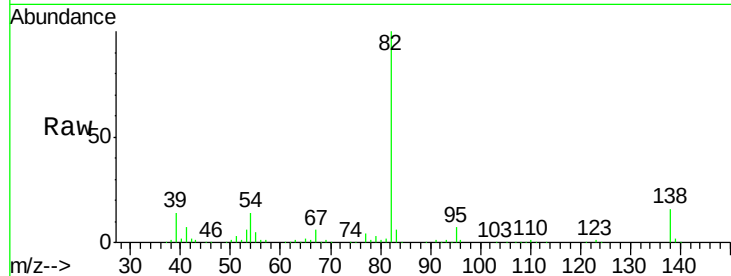
Tgt Ion: 82 Resp: 478206

Ion Ratio Lower Upper

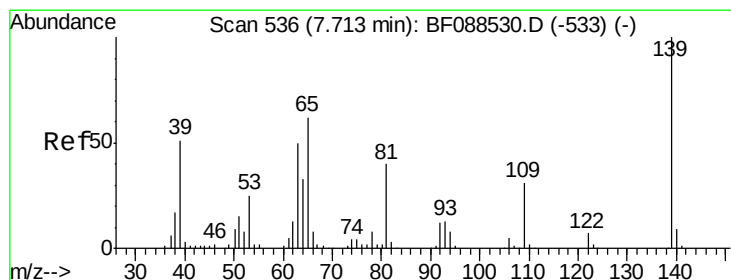
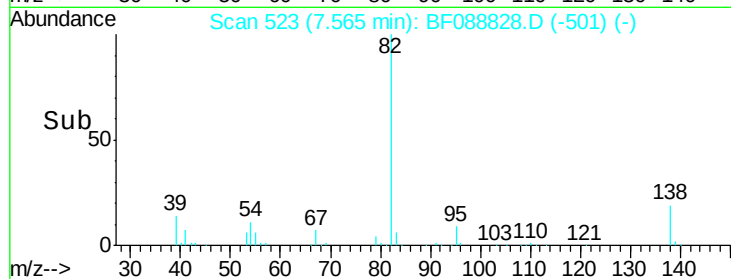
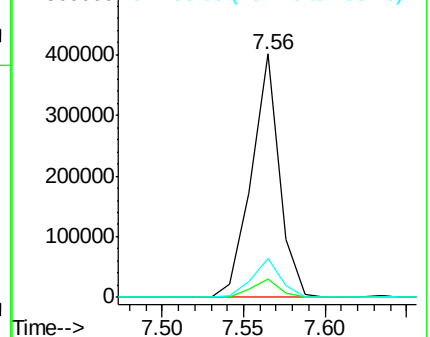
82 100

95 7.5 5.4 8.2

138 16.1 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.48 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

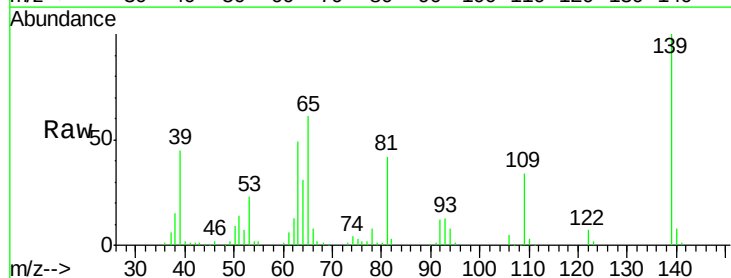
Tgt Ion: 139 Resp: 118975

Ion Ratio Lower Upper

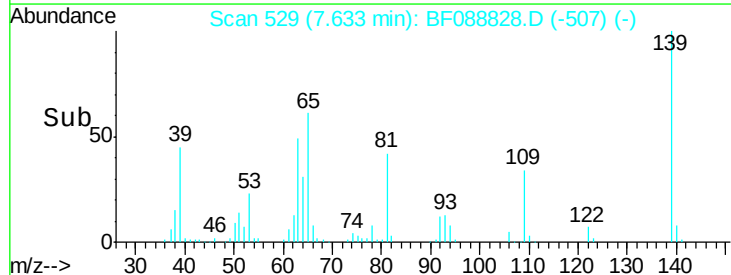
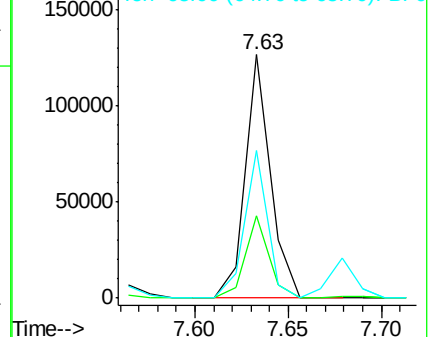
139 100

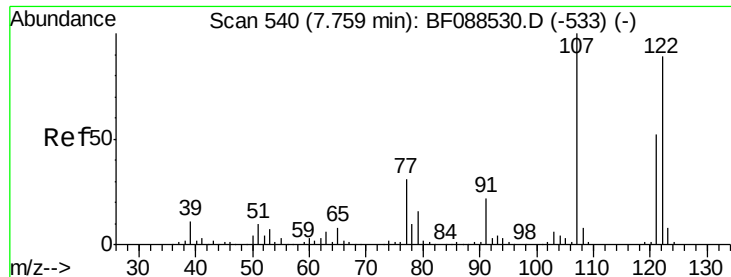
109 34.0 23.0 34.4

65 60.6 45.8 68.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

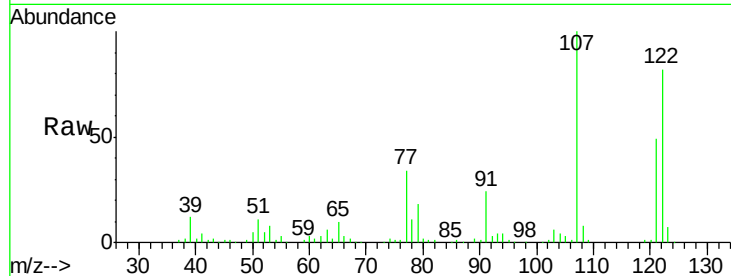




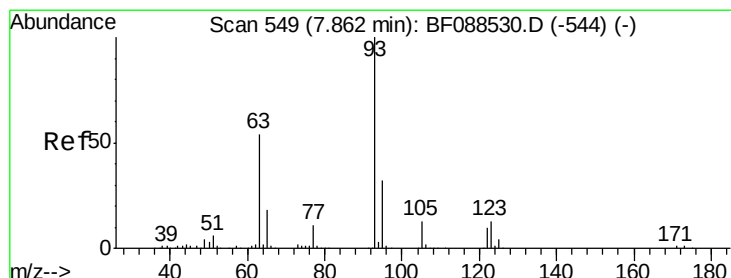
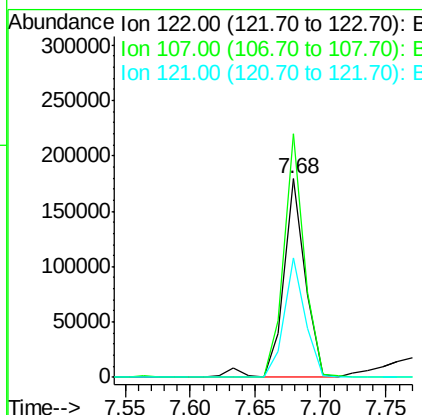
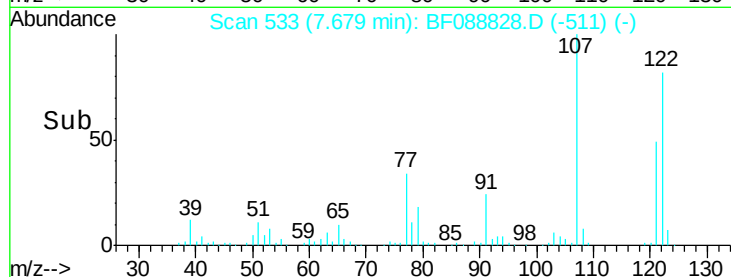
#27
 2,4-Dimethylphenol
 Concen: 35.48 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 122 Resp: 211990
 Ion Ratio Lower Upper
 122 100
 107 122.7 82.4 123.6
 121 59.9 46.3 69.5

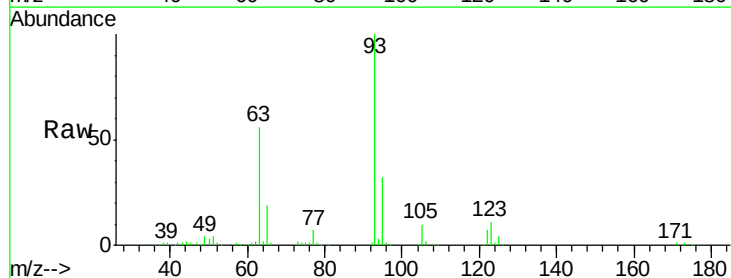


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

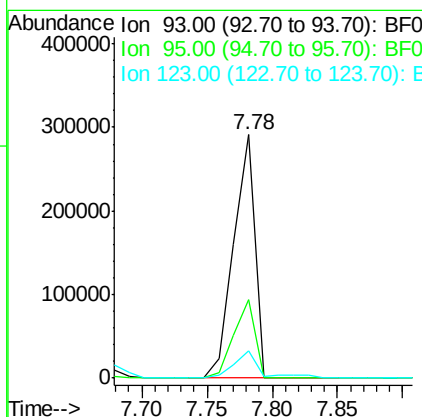
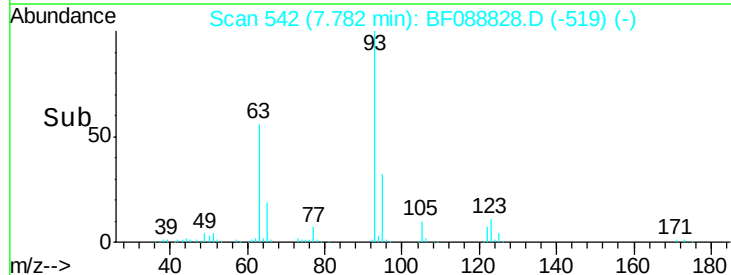


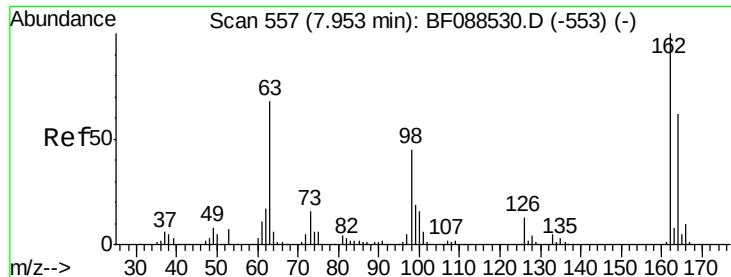
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.15 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.03 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion: 93 Resp: 327381
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 11.4 11.6 17.4#



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

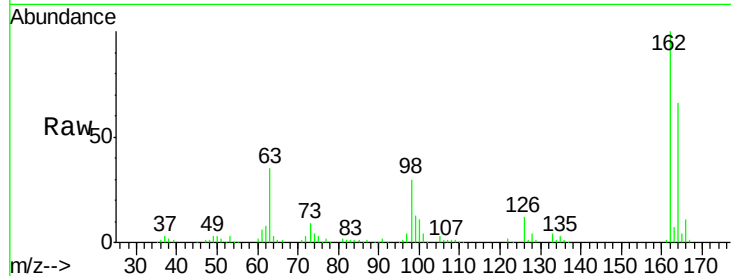




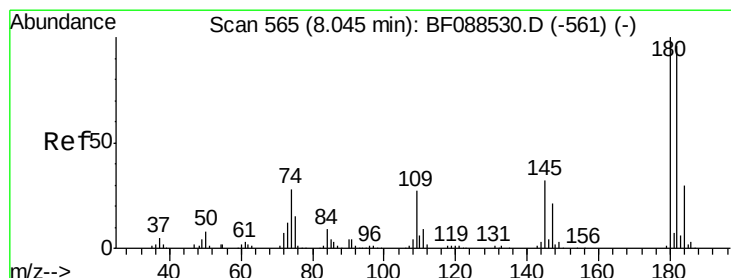
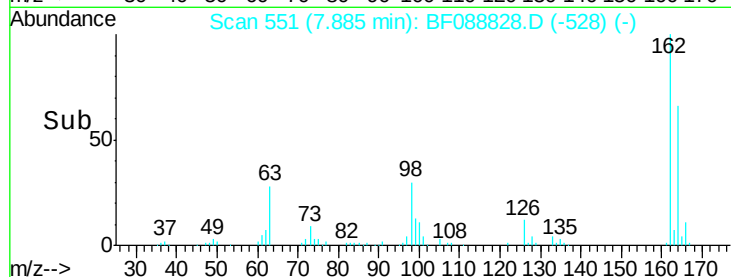
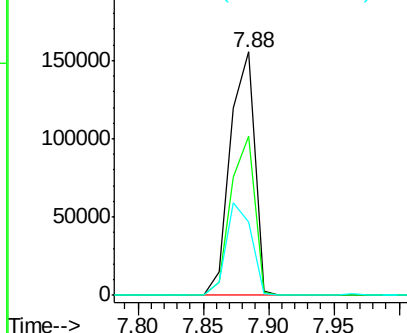
#29
 2,4-Dichlorophenol
 Concen: 41.73 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.8	83.8
98	30.3	21.3	61.3

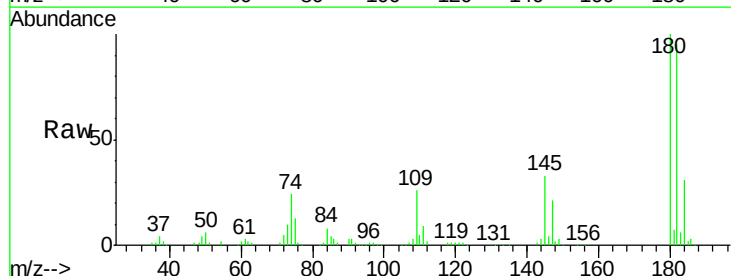


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

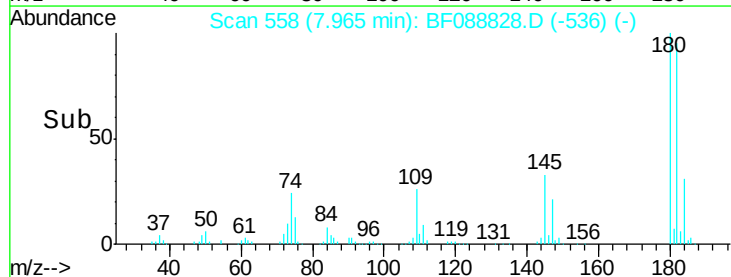
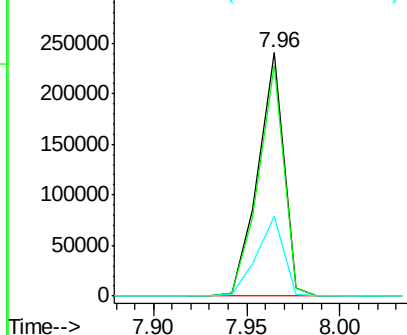


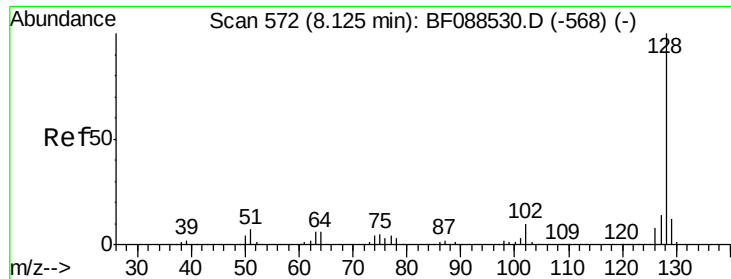
#30
 1,2,4-Trichlorobenzene
 Concen: 43.54 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.0	114.0
145	32.5	26.5	39.7



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

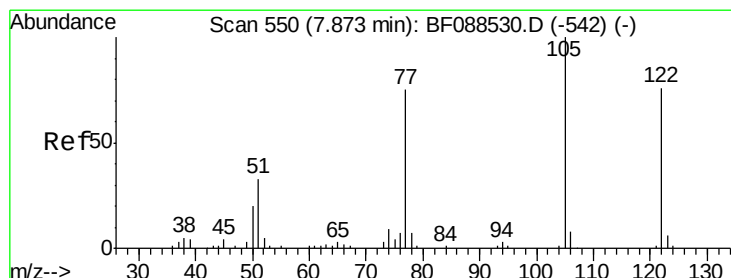
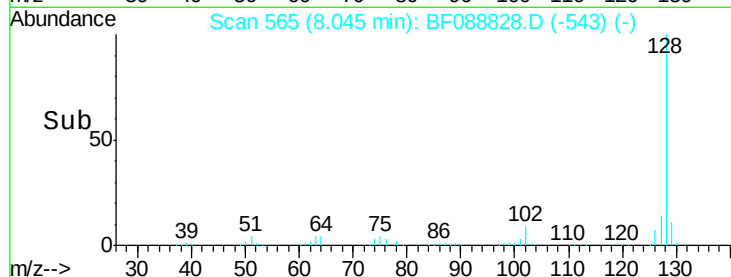
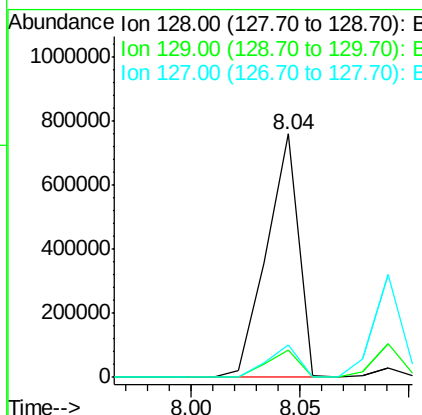
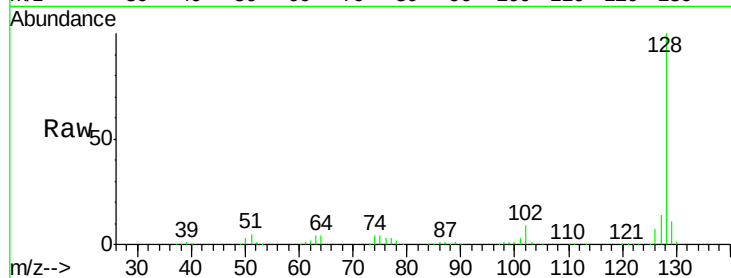




#31
Naphthalene
Concen: 43.71 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

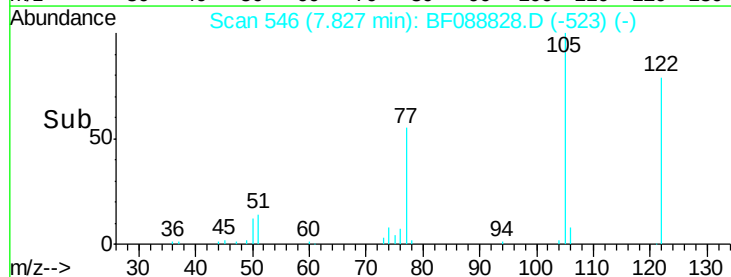
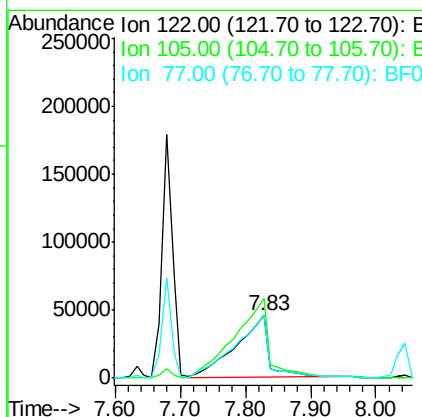
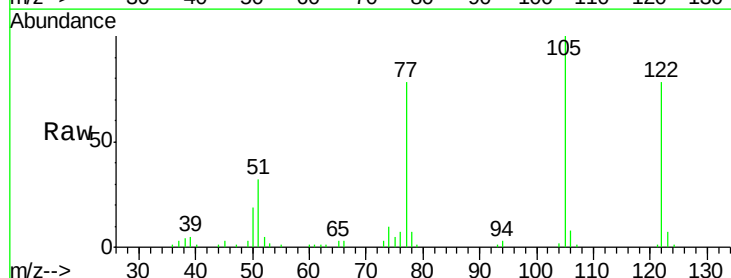
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

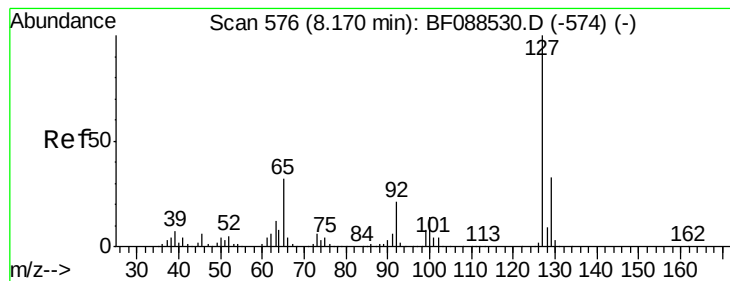
Tgt Ion:128 Resp: 783480
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 37.56 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion:122 Resp: 162931
Ion Ratio Lower Upper
122 100
105 128.5 101.6 141.6
77 100.2 70.6 110.6





#33

4-Chloroaniline

Concen: 37.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 295045

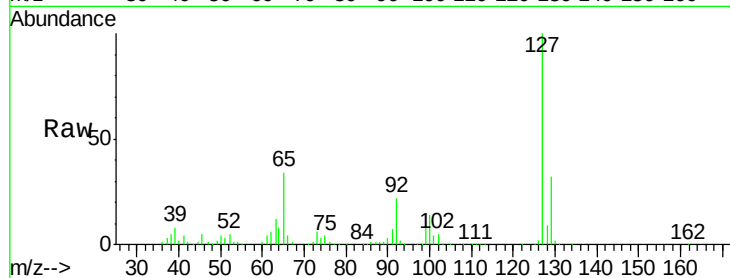
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 33.9 24.7 37.1

92 22.2 15.4 23.0

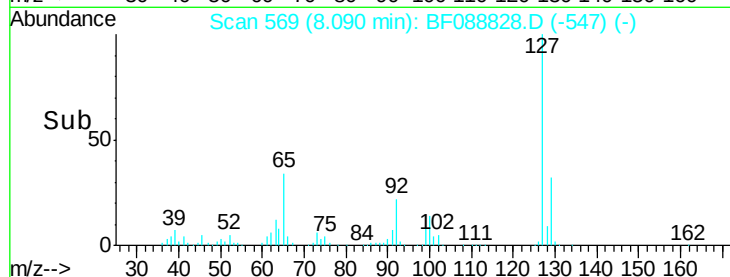


Abundance Ion 127.00 (126.70 to 127.70): E

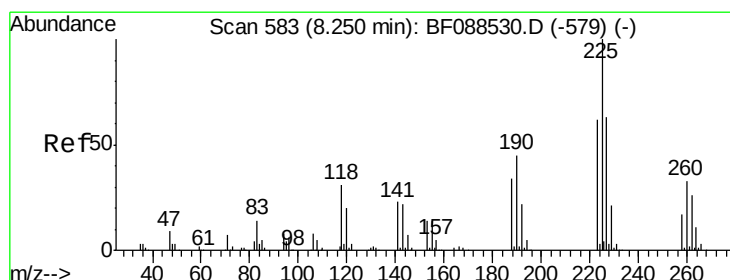
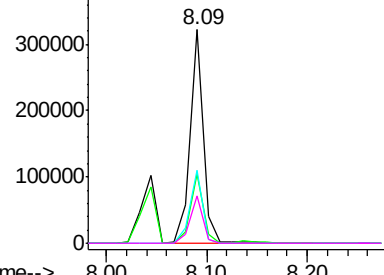
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 41.85 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

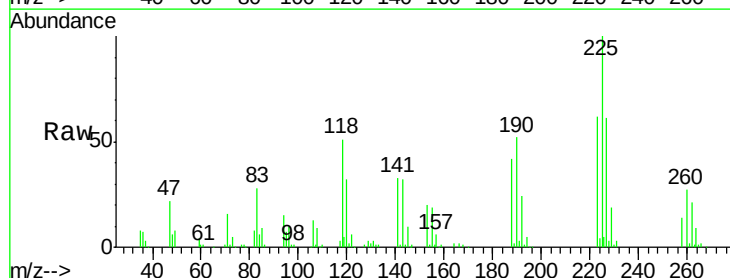
Tgt Ion:225 Resp: 118731

Ion Ratio Lower Upper

225 100

223 62.1 50.9 76.3

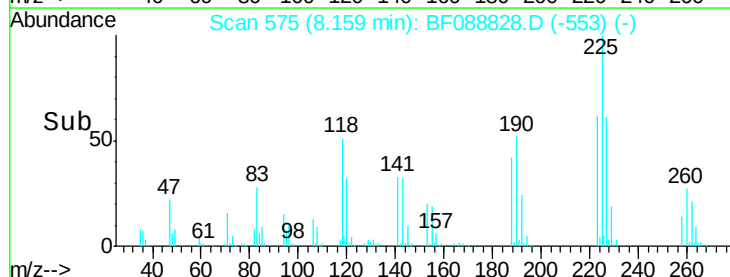
227 61.5 51.9 77.9



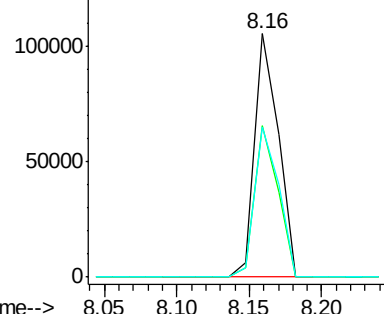
Abundance Ion 225.00 (224.70 to 225.70): E

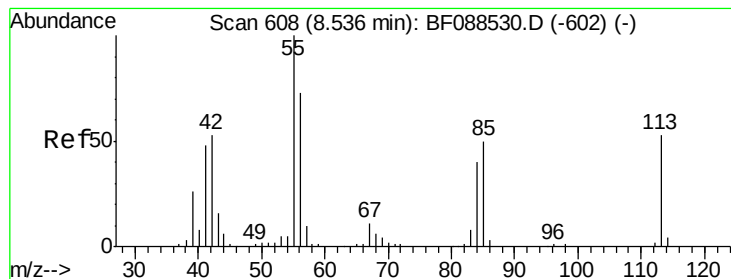
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#35

Caprolactam

Concen: 40.76 ng

RT: 8.47 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

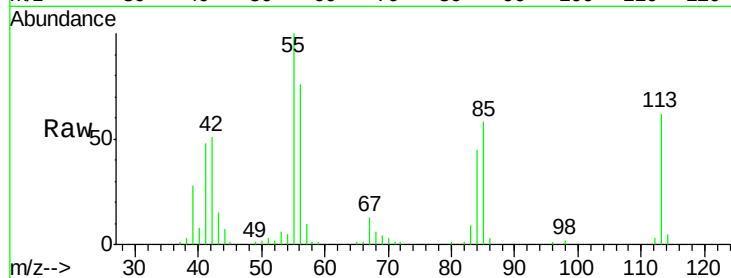
Tgt Ion:113 Resp: 66842

Ion Ratio Lower Upper

113 100

55 162.5 158.6 198.6

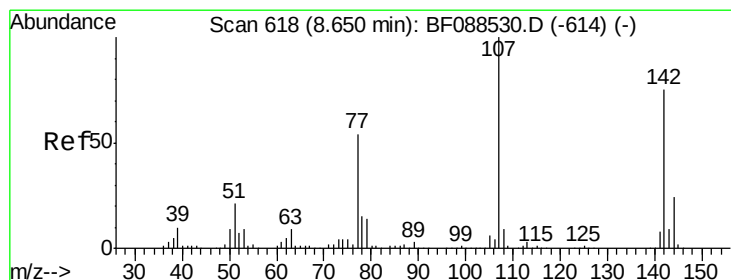
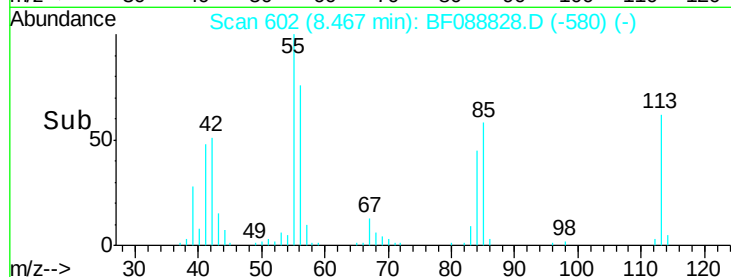
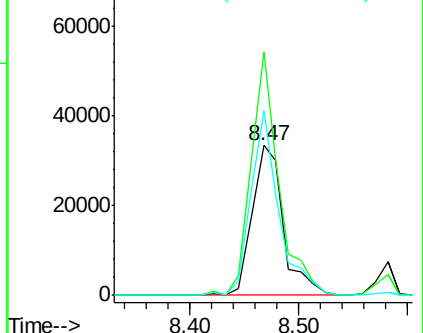
56 123.6 110.6 150.6



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: 44.62 ng

RT: 8.58 min Scan# 612

Delta R.T. -0.03 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

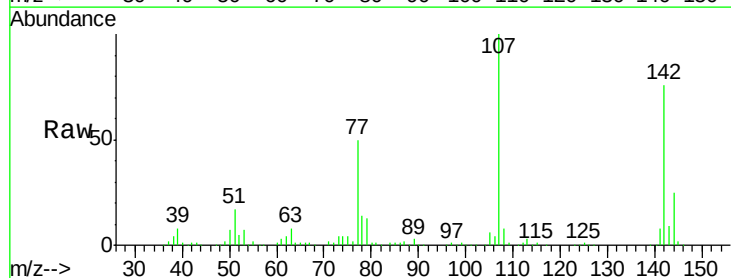
Tgt Ion:107 Resp: 254750

Ion Ratio Lower Upper

107 100

144 24.6 20.8 31.2

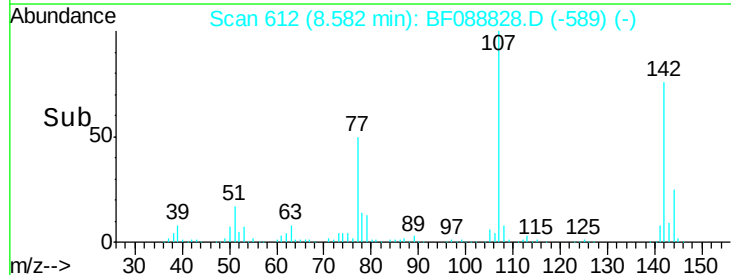
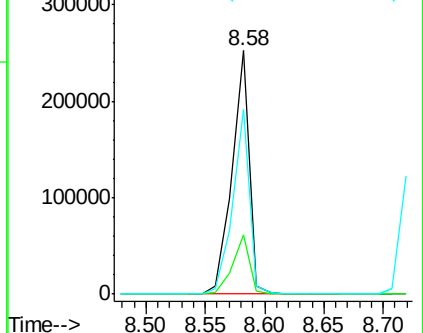
142 75.7 63.4 95.2

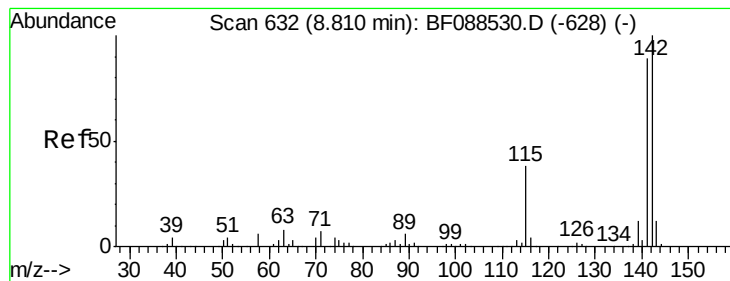


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.98 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

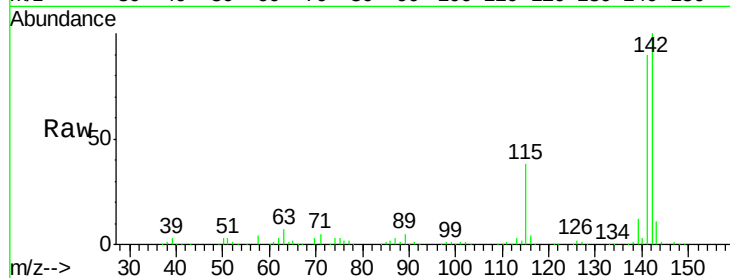
Tgt Ion:142 Resp: 461369

Ion Ratio Lower Upper

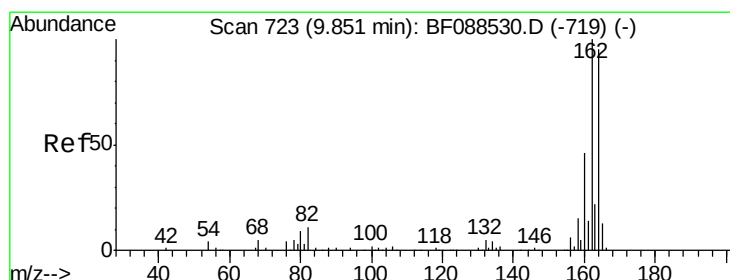
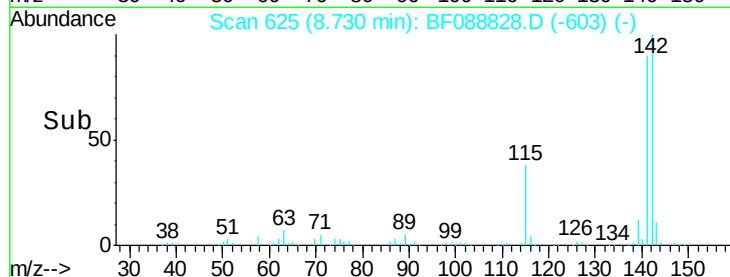
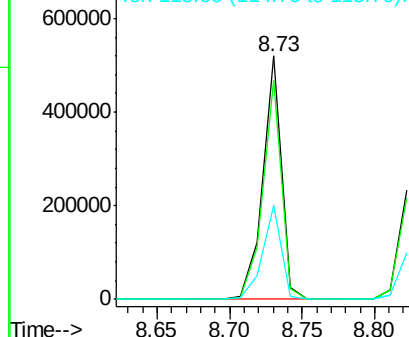
142 100

141 90.1 71.0 106.6

115 38.4 22.6 33.8#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

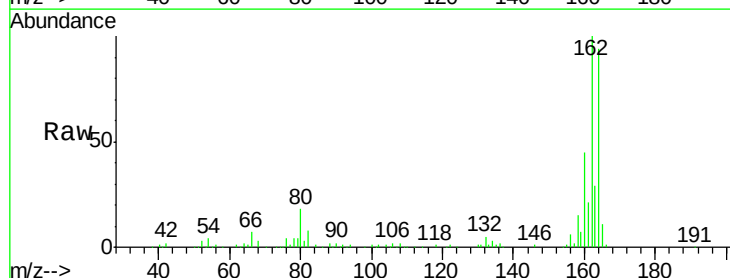
Tgt Ion:164 Resp: 172891

Ion Ratio Lower Upper

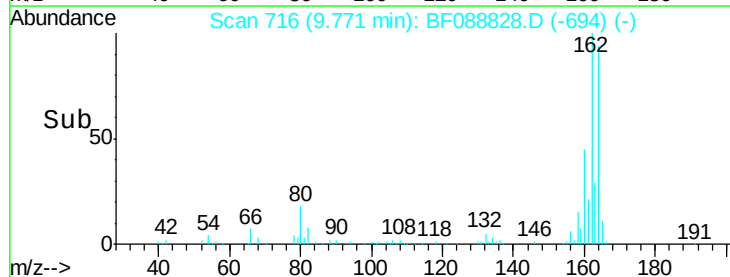
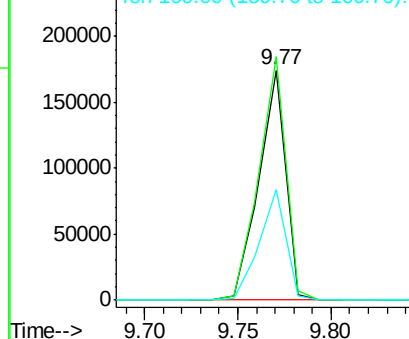
164 100

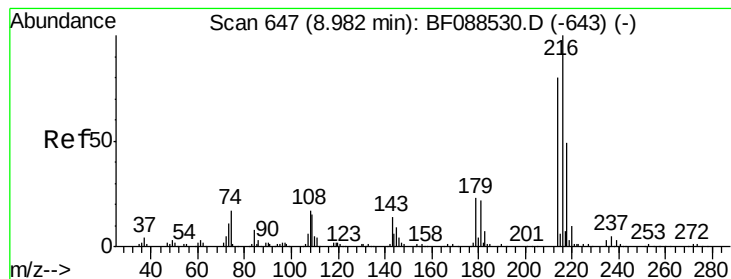
162 106.1 85.4 128.2

160 48.1 39.5 59.3



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: 43.57 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 250542

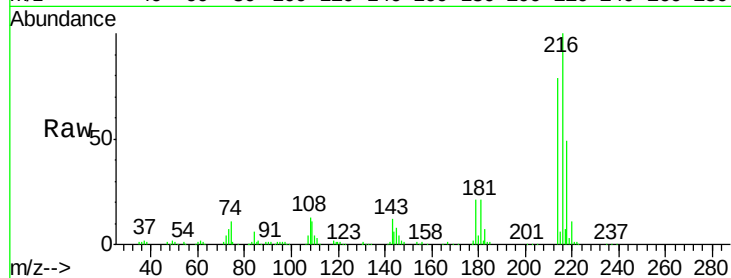
Ion Ratio Lower Upper

216 100

214 79.6 2.9 4.3#

179 23.0 0.0 0.0#

108 19.8 0.5 0.7#

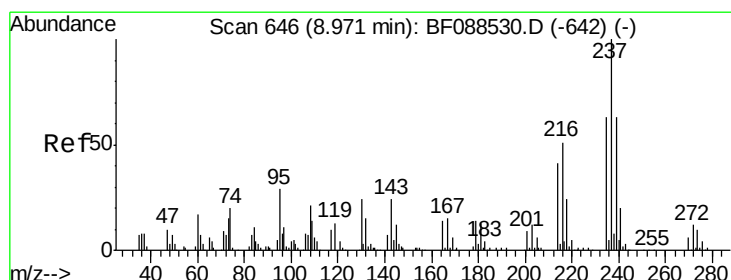
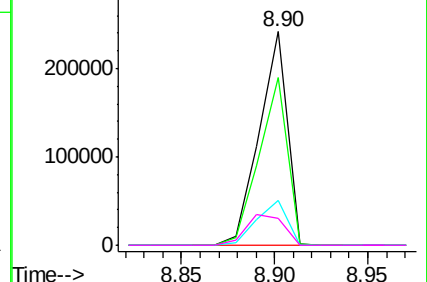
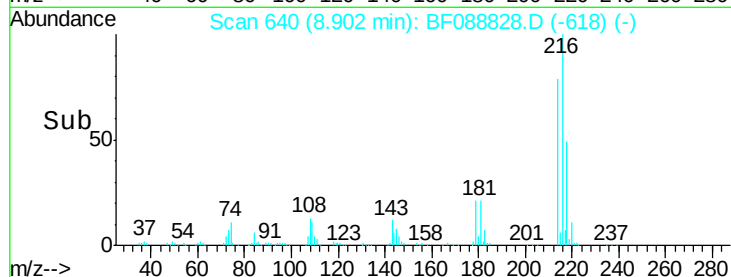


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.23 ng

RT: 8.89 min Scan# 639

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

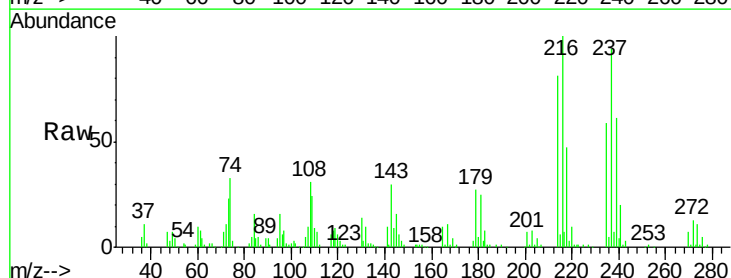
Tgt Ion:237 Resp: 102256

Ion Ratio Lower Upper

237 100

235 63.0 43.4 83.4

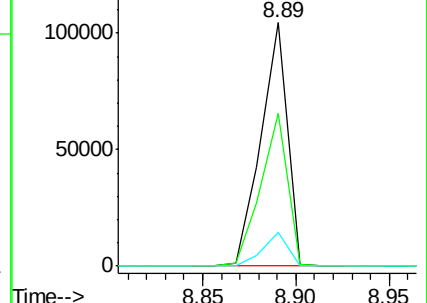
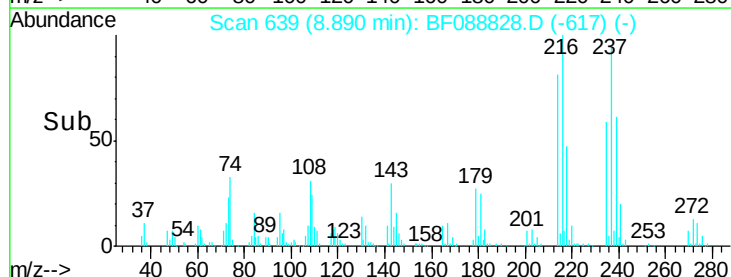
272 13.7 0.0 32.3

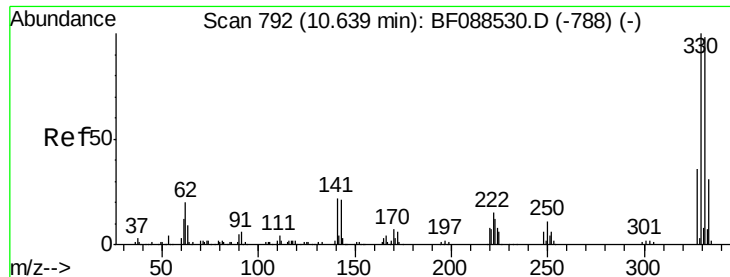


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

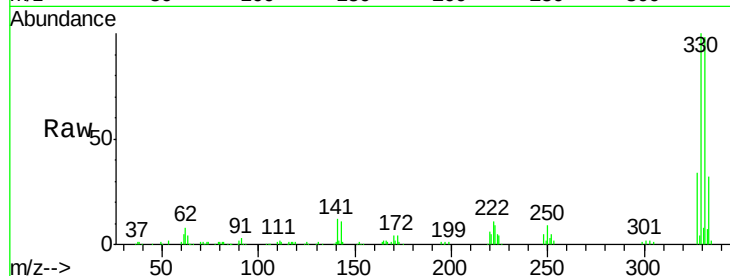




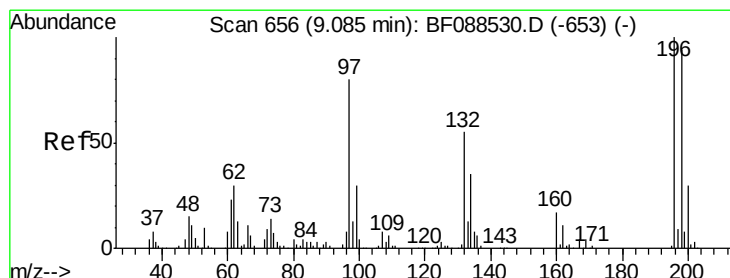
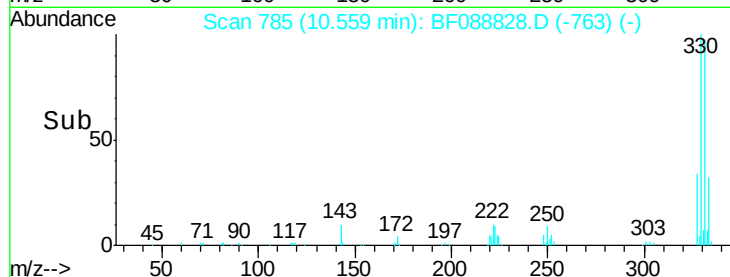
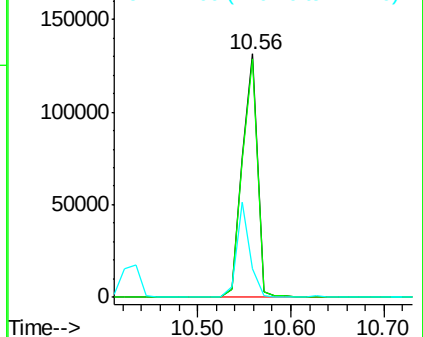
#41
 2,4,6-Tribromophenol
 Concen: 92.96 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 149249
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 33.9 0.0 0.0#

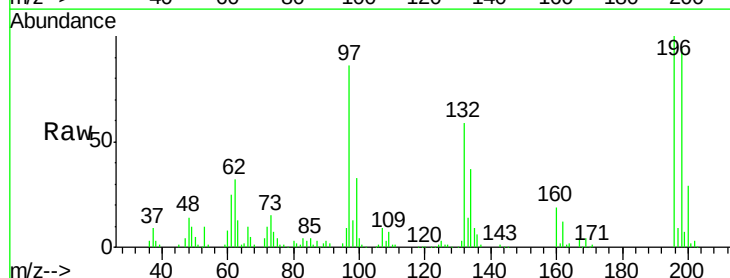


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

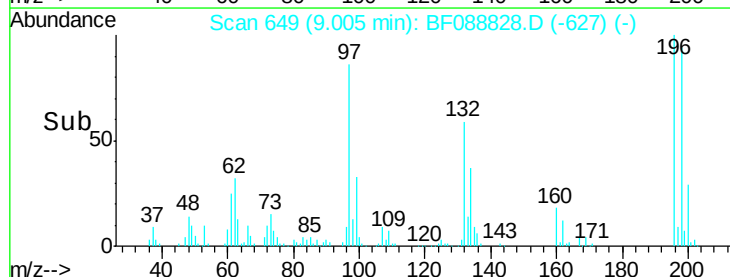
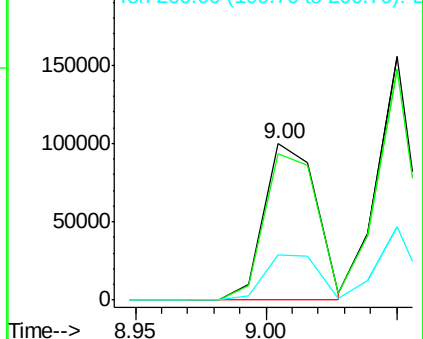


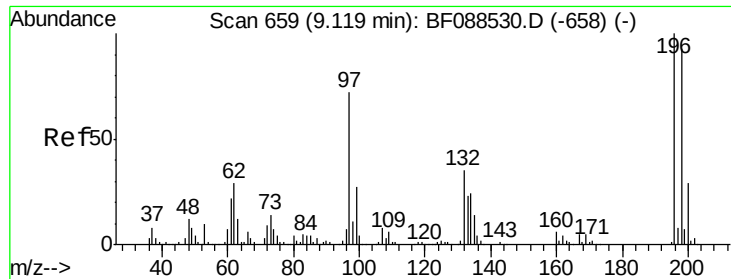
#42
 2,4,6-Trichlorophenol
 Concen: 36.55 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion:196 Resp: 138589
 Ion Ratio Lower Upper
 196 100
 198 93.7 78.0 117.0
 200 29.2 25.4 38.2



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

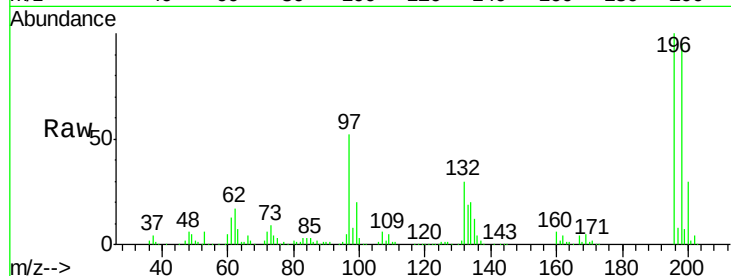




#43
 2,4,5-Trichlorophenol
 Concen: 44.95 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.5	116.3
97	52.1	32.0	48.0
132	29.6	20.9	31.3



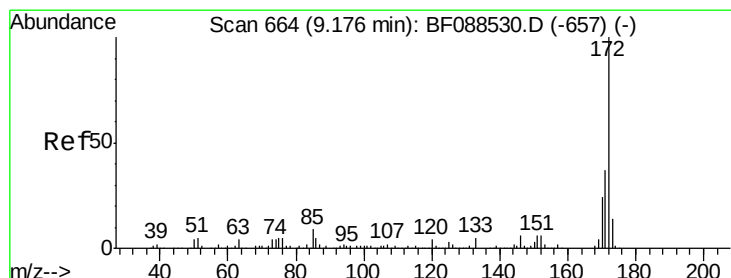
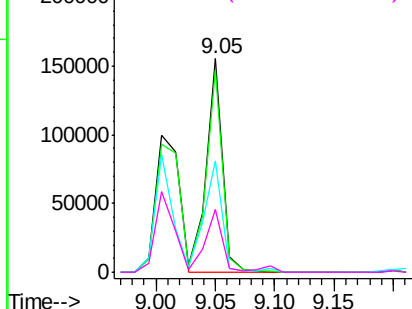
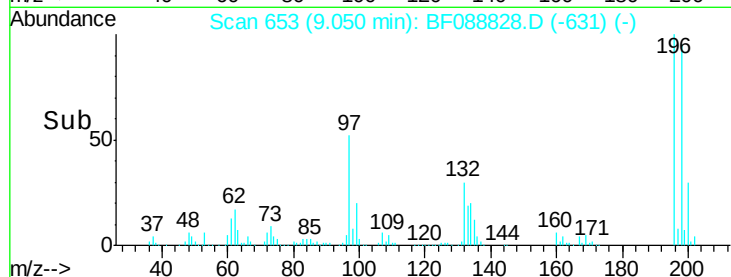
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

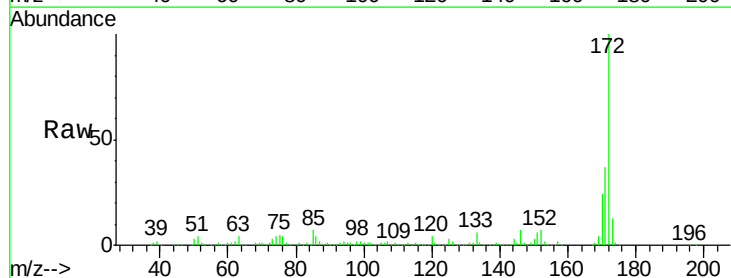
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.29 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.1	19.2	28.8

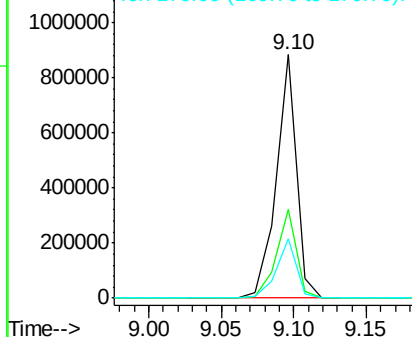
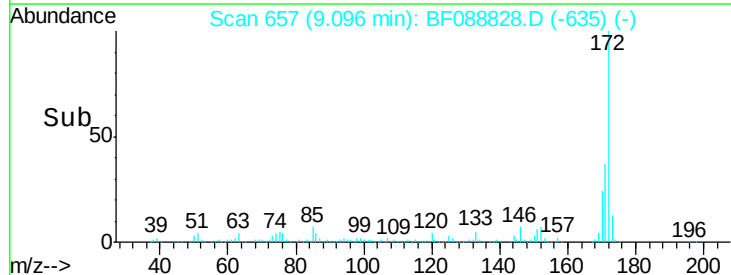


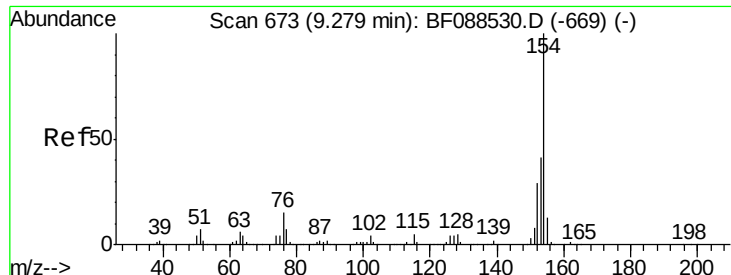
Abundance

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

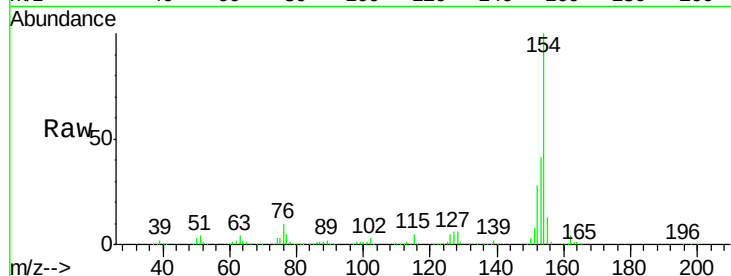




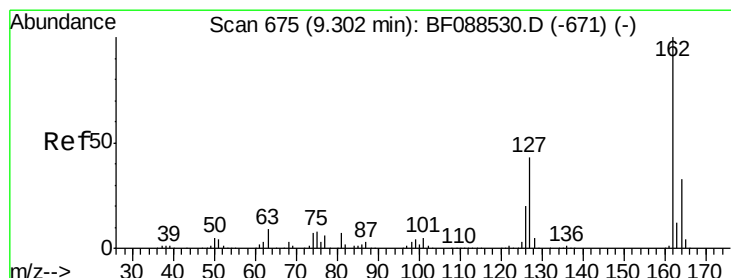
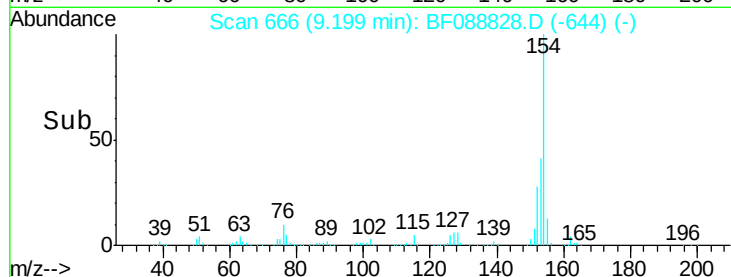
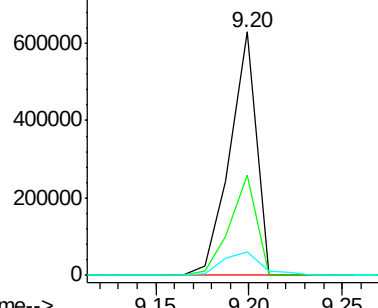
#45
 1,1'-Biphenyl
 Concen: 43.06 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 616472
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.6 60.6
 76 9.8 0.0 35.1

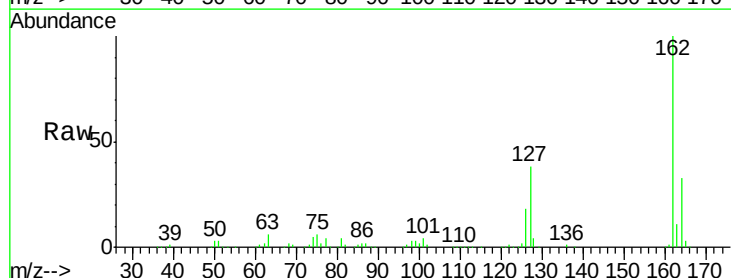


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

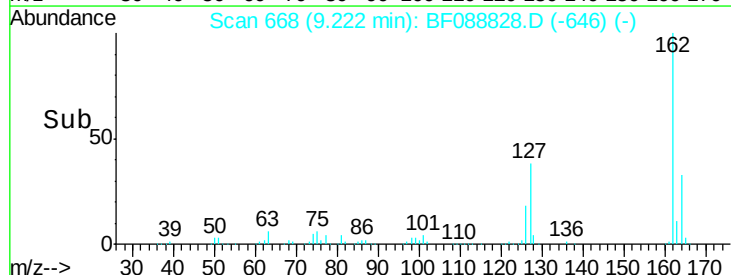
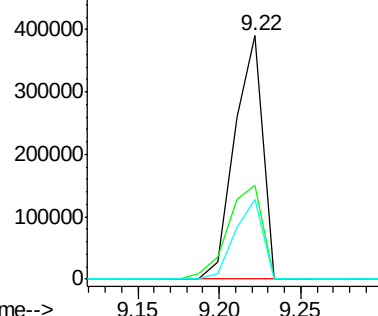


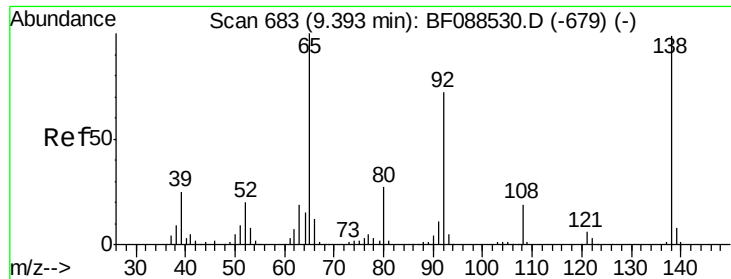
#46
 2-Chloronaphthalene
 Concen: 41.40 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion:162 Resp: 465287
 Ion Ratio Lower Upper
 162 100
 127 38.5 35.2 52.8
 164 32.9 26.6 39.8



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

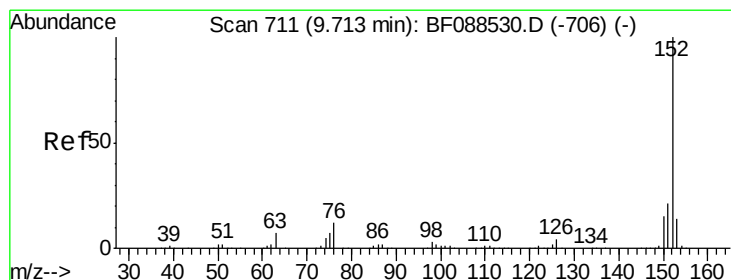
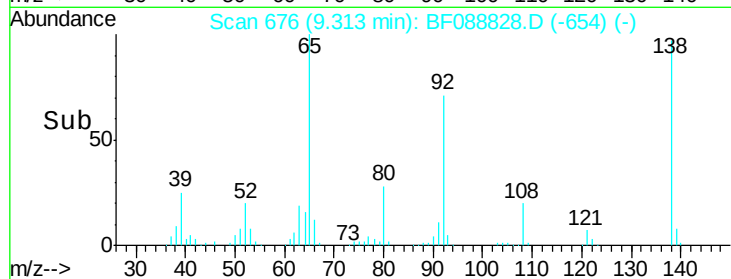
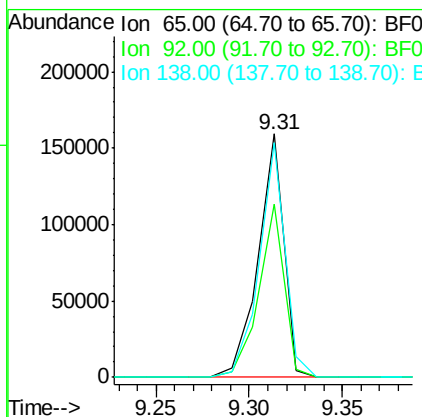
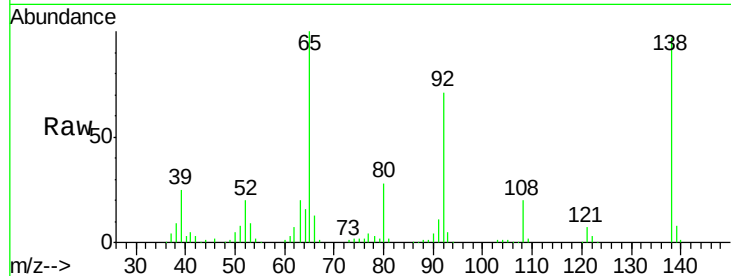




#47
 2-Nitroaniline
 Concen: 37.77 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

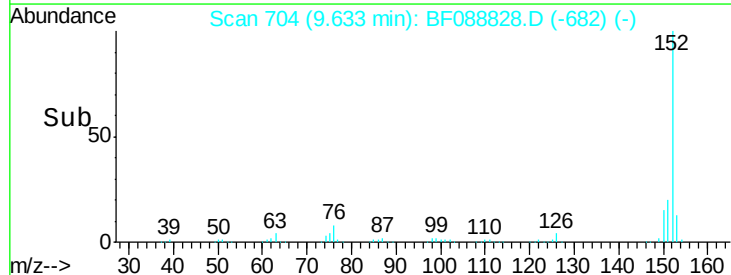
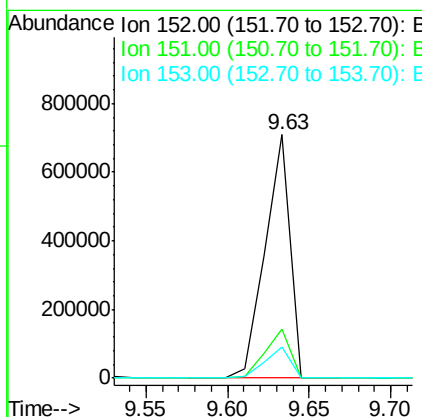
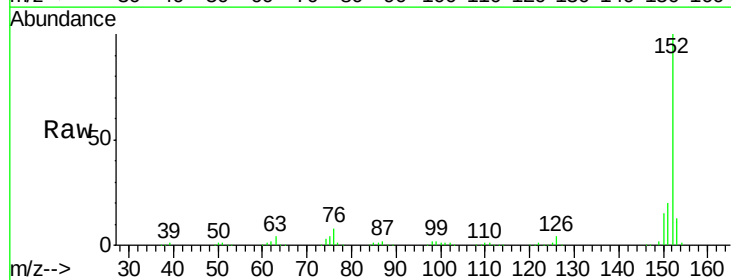
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

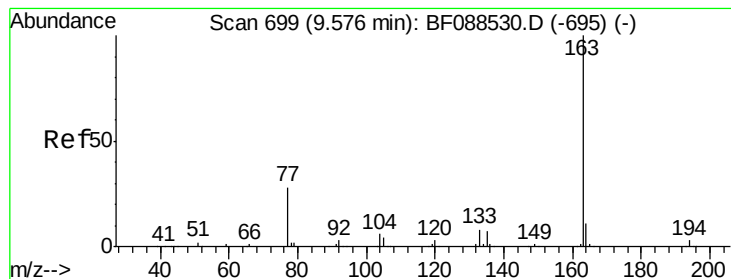
Tgt Ion:	65	Resp:	150666
Ion	Ratio	Lower	Upper
65	100		
92	71.0	54.6	82.0
138	96.6	77.0	115.4



#48
 Acenaphthylene
 Concen: 42.03 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion:	152	Resp:	751661
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.0	11.0	16.6





#49

Dimethylphthalate

Concen: 40.78 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

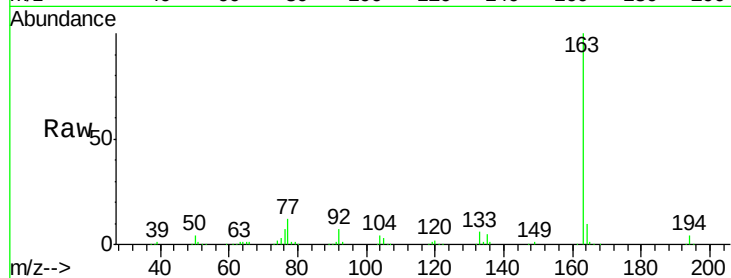
Tgt Ion:163 Resp: 502334

Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

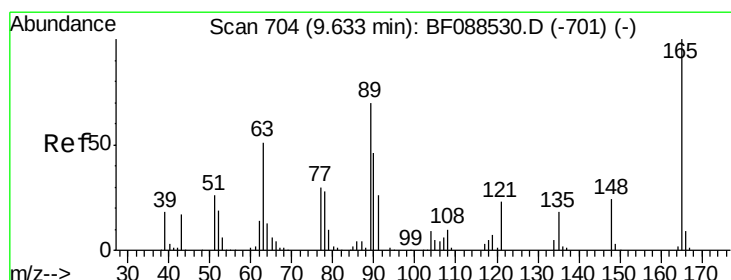
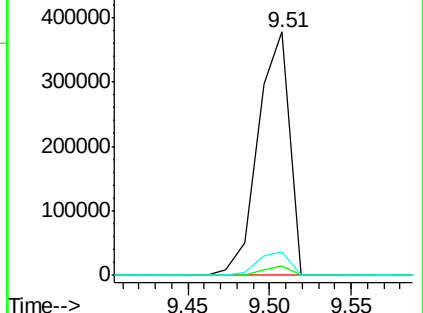
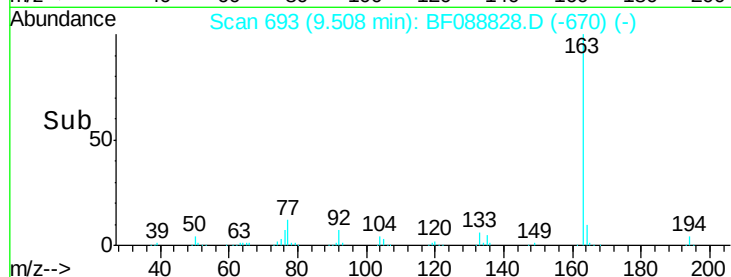
164 9.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.20 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

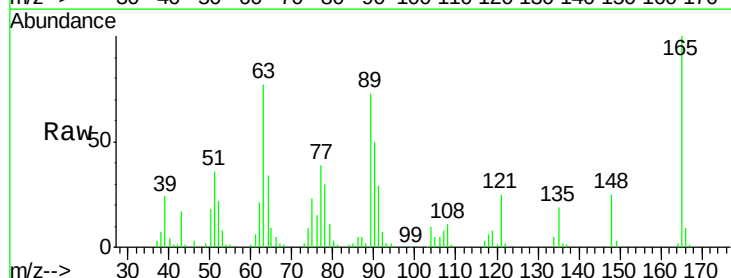
Tgt Ion:165 Resp: 107000

Ion Ratio Lower Upper

165 100

63 77.2 28.1 42.1#

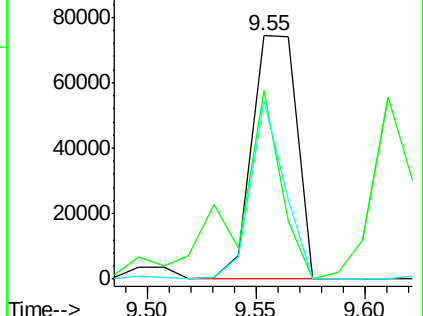
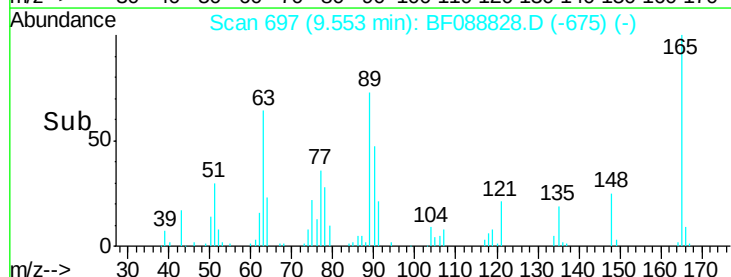
89 73.3 32.2 48.2#

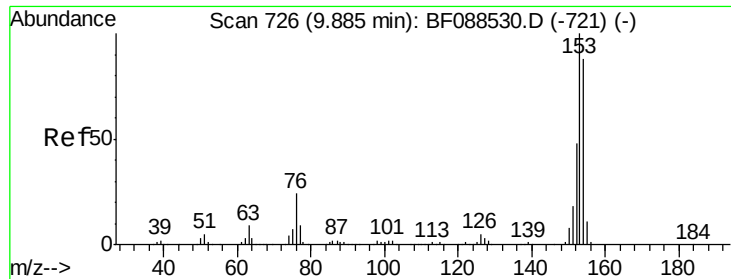


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

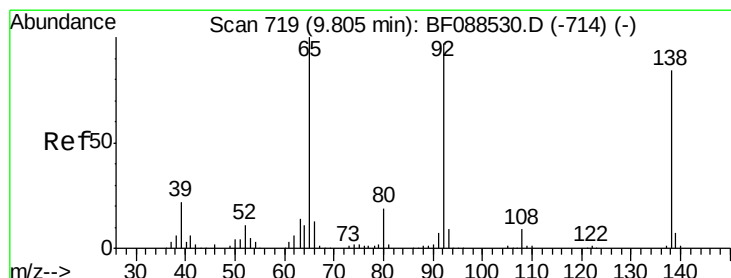
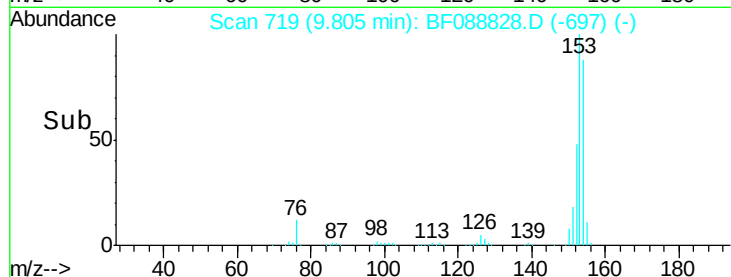
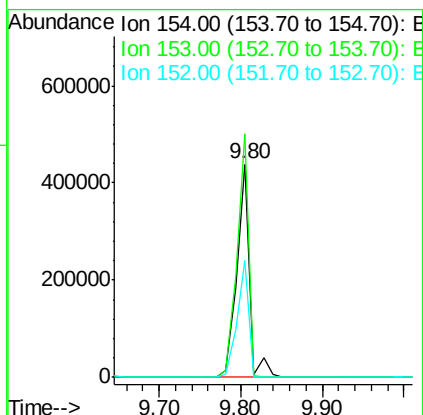
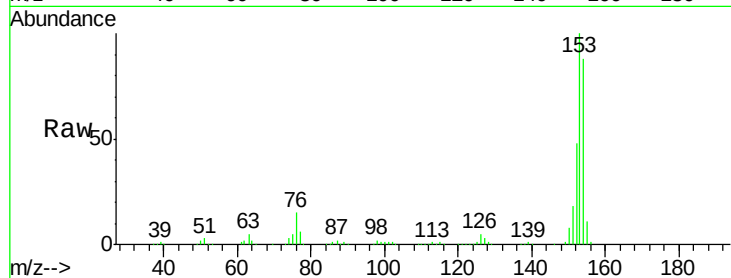




#51
Acenaphthene
Concen: 43.42 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

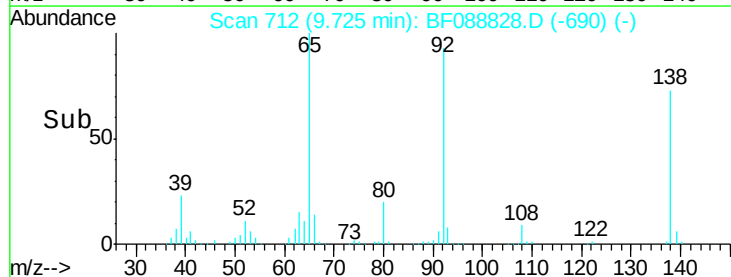
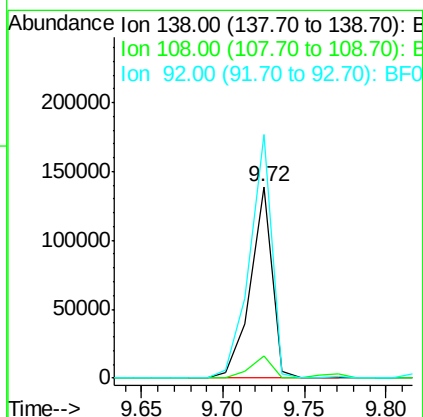
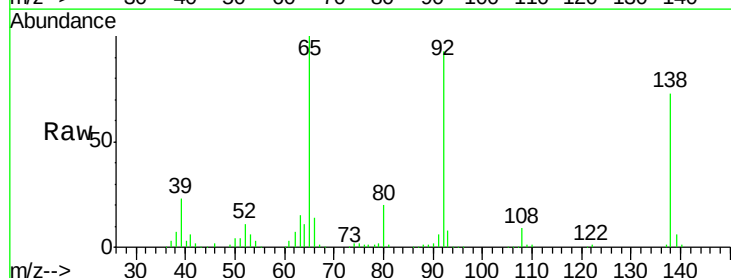
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

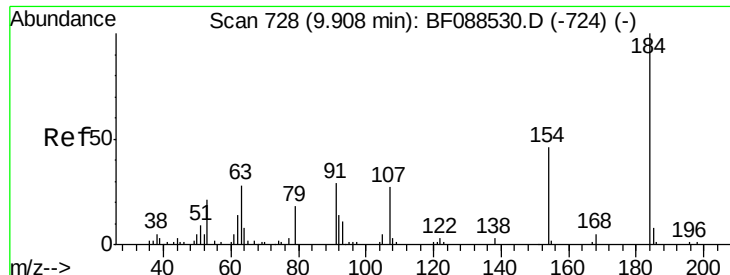
Tgt Ion:154 Resp: 475992
Ion Ratio Lower Upper
154 100
153 114.2 89.5 134.3
152 54.6 42.7 64.1



#52
3-Nitroaniline
Concen: 37.10 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion:138 Resp: 128763
Ion Ratio Lower Upper
138 100
108 11.8 8.5 12.7
92 127.2 95.7 143.5

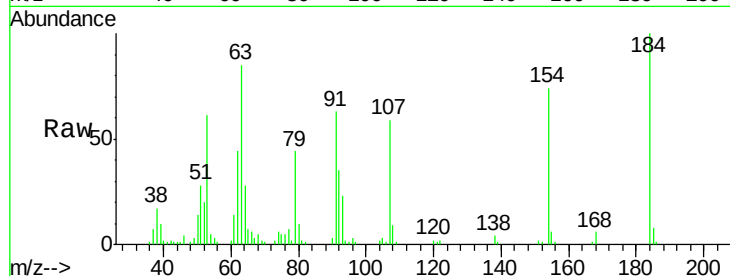




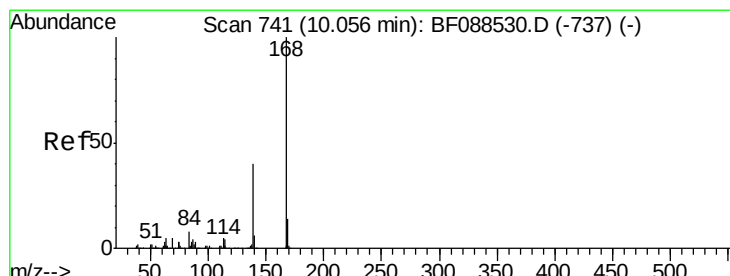
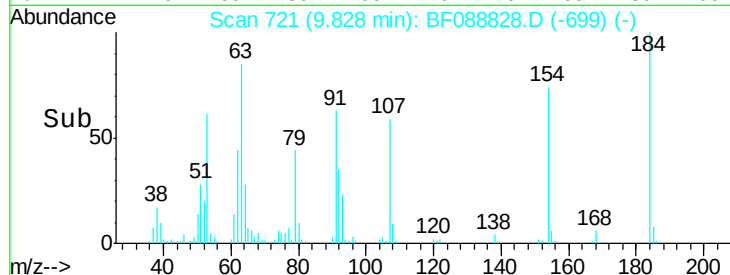
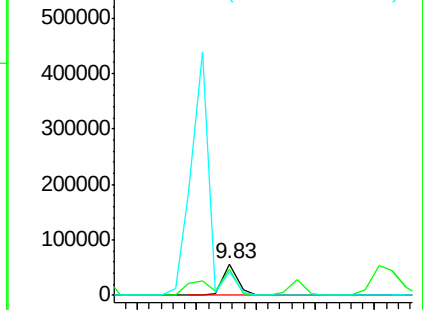
#53
2,4-Dinitrophenol
Concen: 42.97 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 51795
Ion Ratio Lower Upper
184 100
63 85.4 57.6 86.4
154 73.7 53.5 80.3

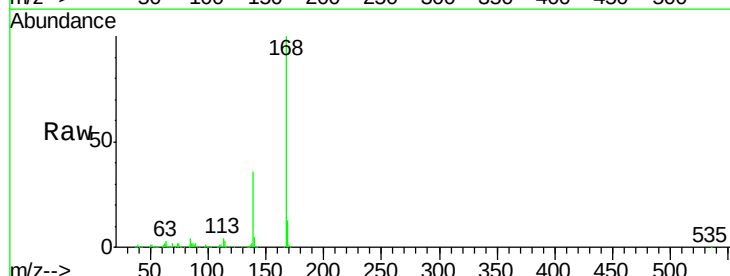


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

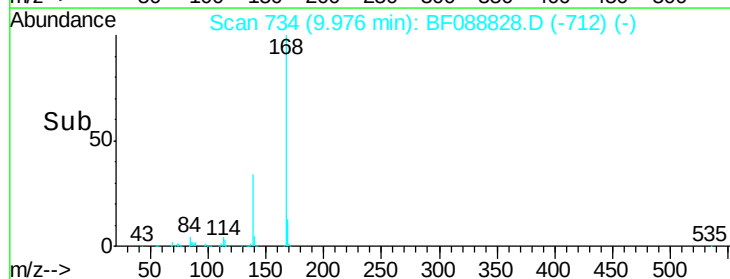
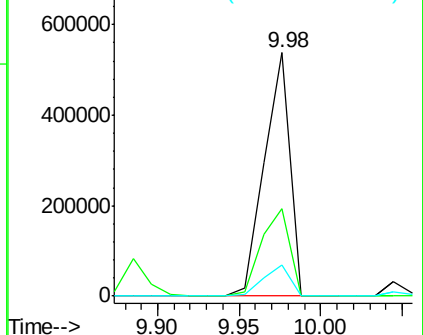


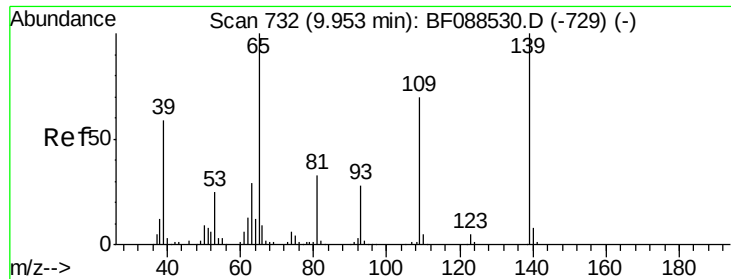
#54
Dibenzofuran
Concen: 40.84 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion:168 Resp: 586017
Ion Ratio Lower Upper
168 100
139 36.1 26.4 39.6
169 13.0 10.4 15.6



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

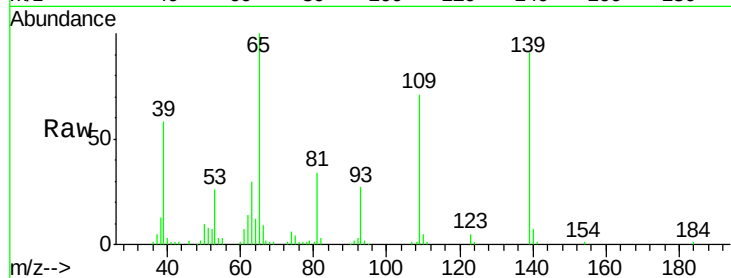




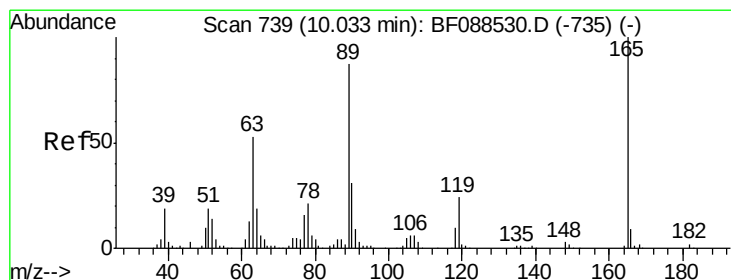
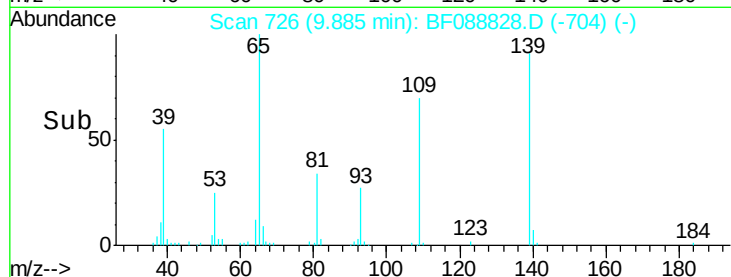
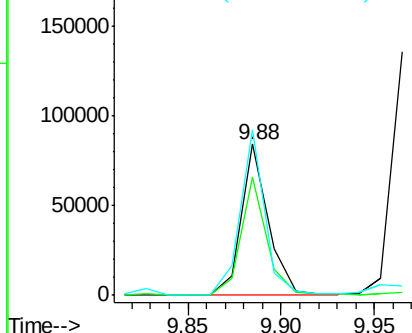
#55
4-Nitrophenol
Concen: 32.48 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:139 Resp: 85657
Ion Ratio Lower Upper
139 100
109 78.3 48.9 88.9
65 110.0 84.9 124.9

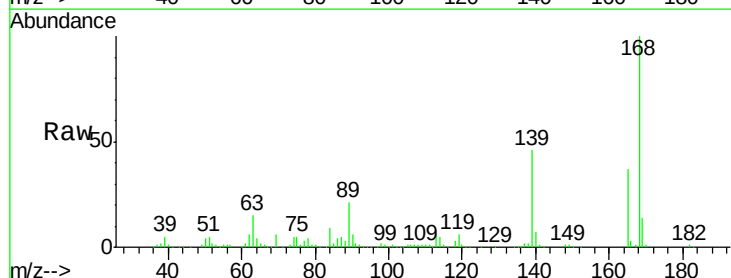


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

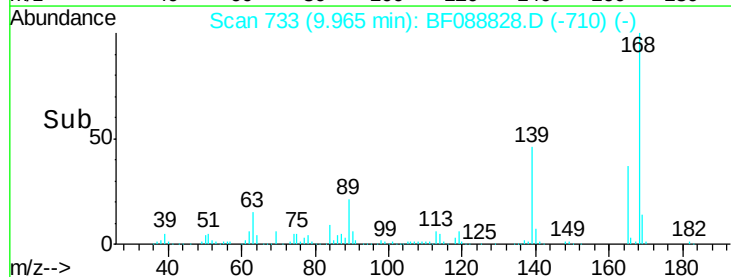
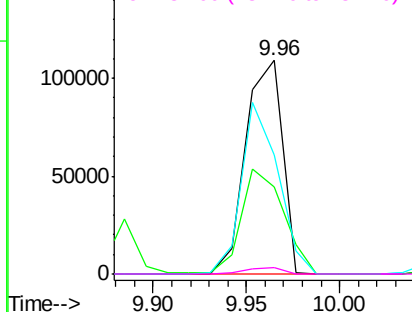


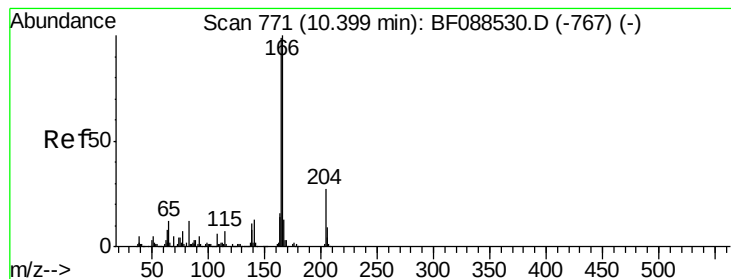
#56
2,4-Dinitrotoluene
Concen: 41.68 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion:165 Resp: 148772
Ion Ratio Lower Upper
165 100
63 40.5 22.0 33.0#
89 55.5 41.1 61.7
182 2.9 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.52 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.06 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

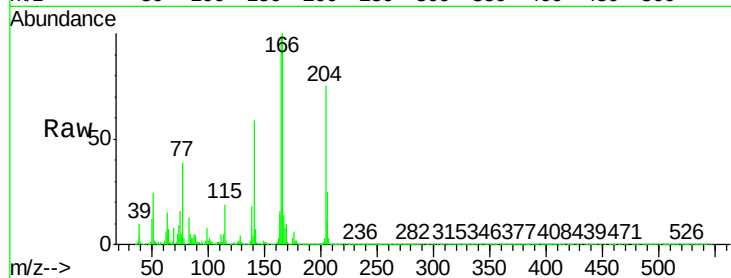
Tgt Ion:166 Resp: 436995

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

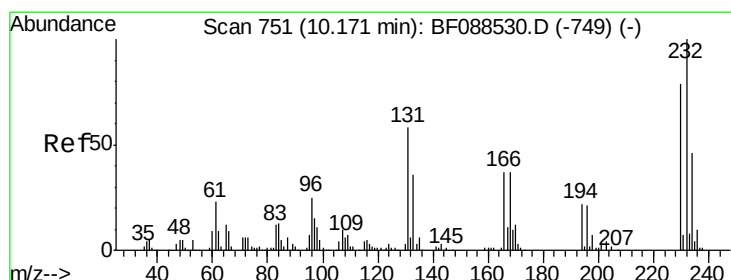
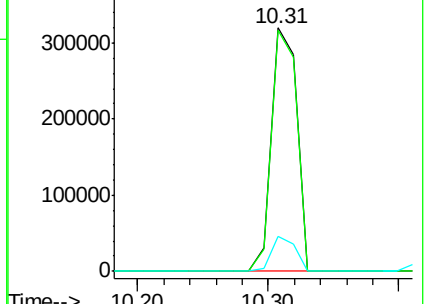
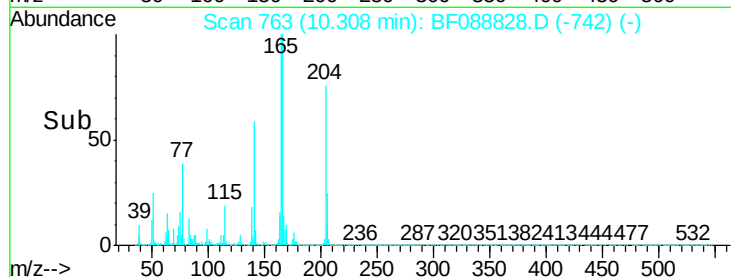
167 14.4 11.2 16.8



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: 41.14 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Tgt Ion:232 Resp: 103835

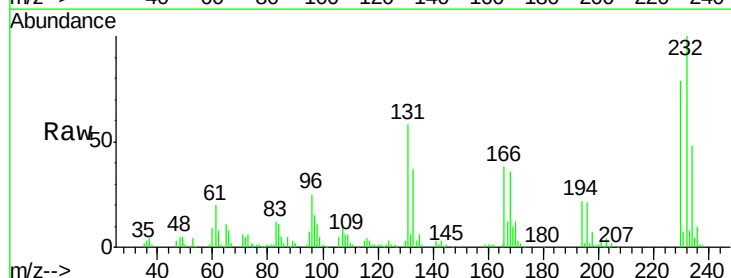
Ion Ratio Lower Upper

232 100

131 57.8 0.9 1.3#

130 3.0 1.5 2.3#

166 37.9 0.5 0.7#

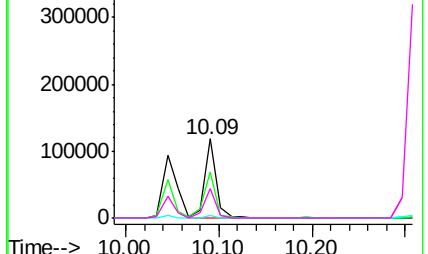
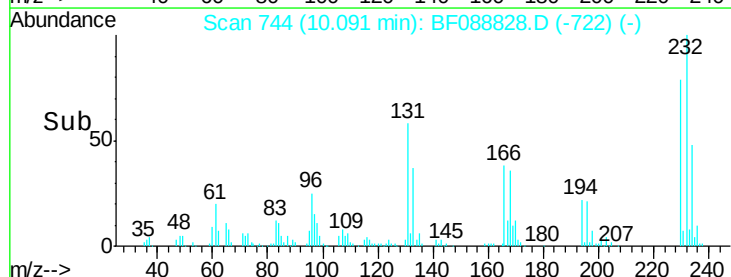


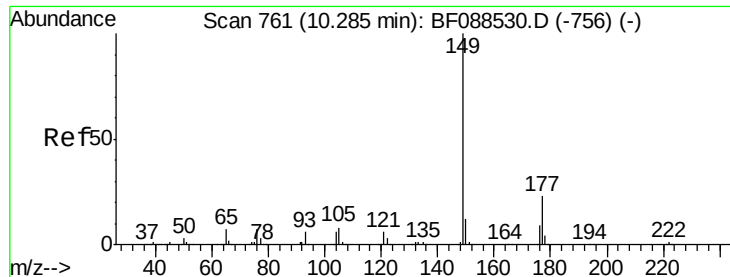
Abundance Ion 232.00 (231.70 to 232.70): E

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

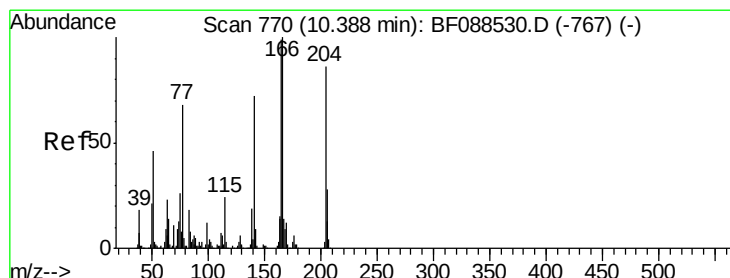
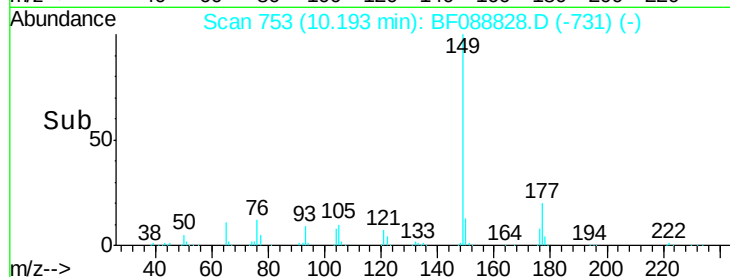
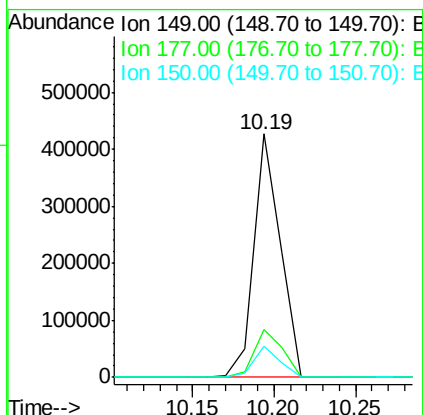
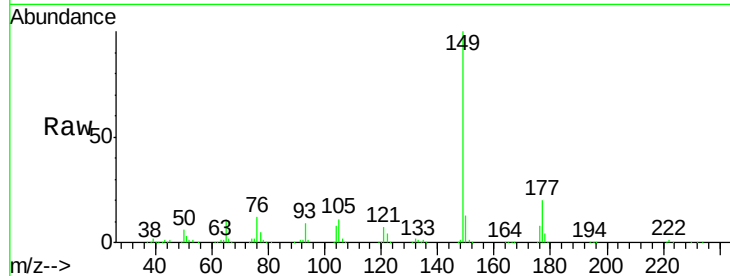




#59
Diethylphthalate
Concen: 38.89 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

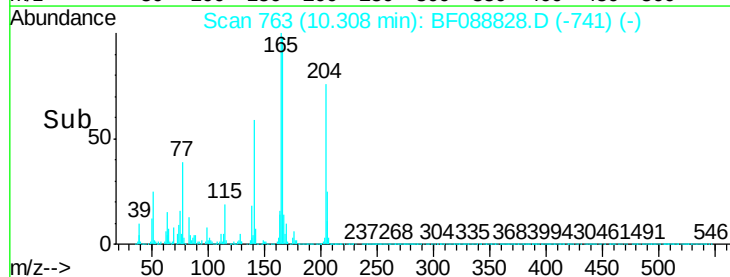
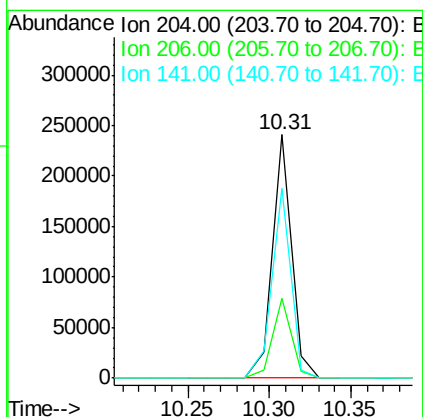
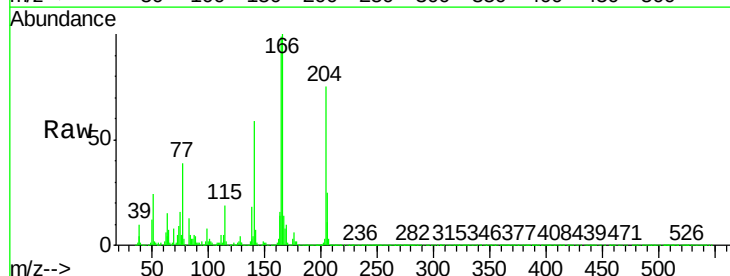
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

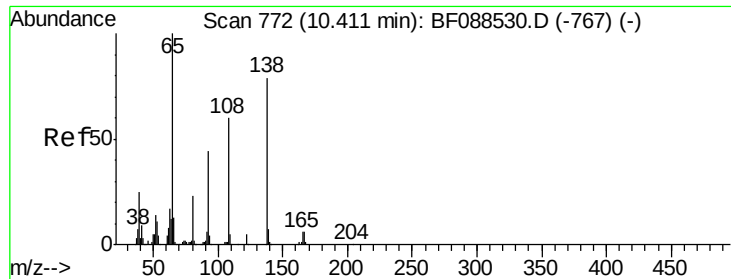
Tgt Ion:149 Resp: 480763
Ion Ratio Lower Upper
149 100
177 19.6 16.9 25.3
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.54 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion:204 Resp: 197989
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 78.2 55.0 82.6

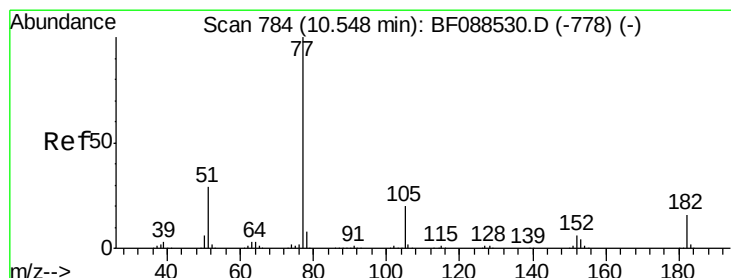
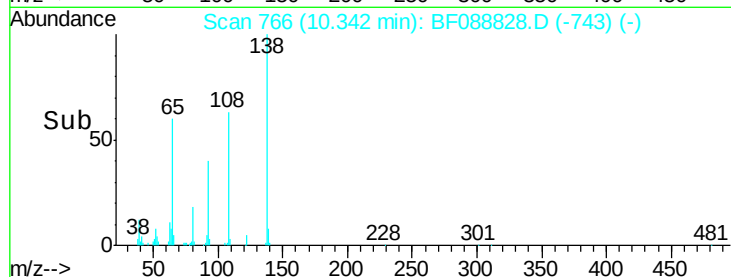
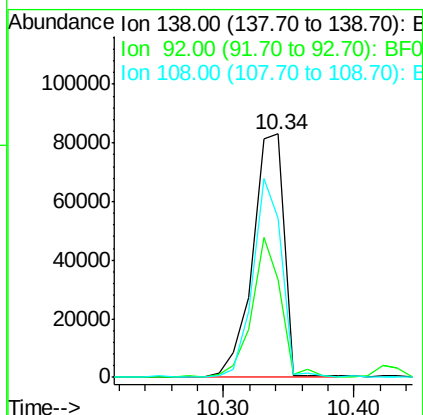
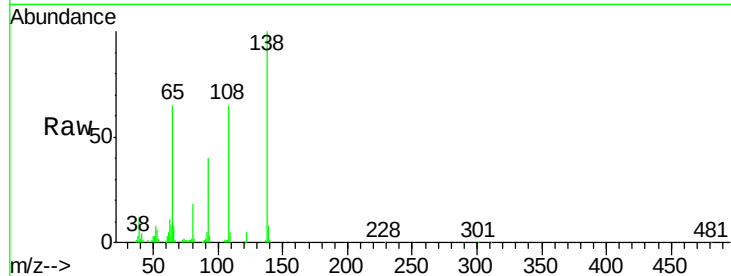




#61
4-Nitroaniline
Concen: 41.81 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.03 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

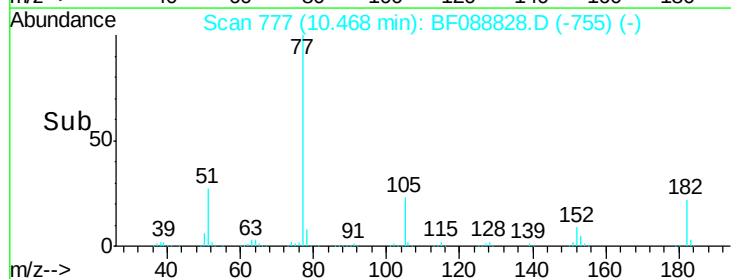
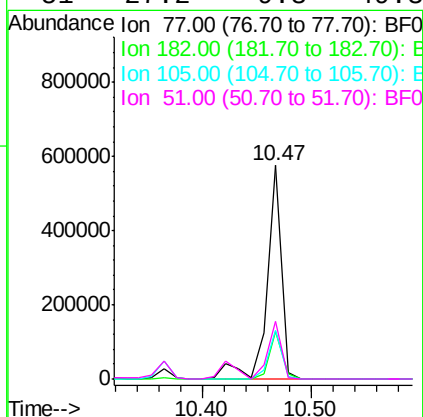
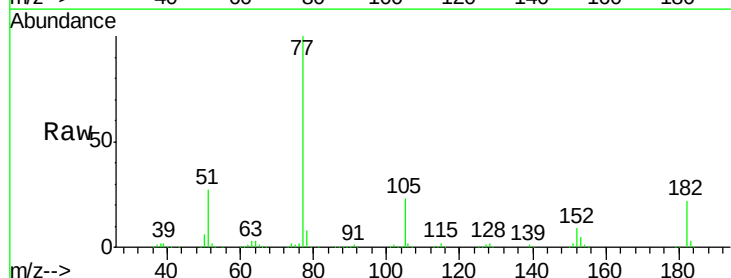
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

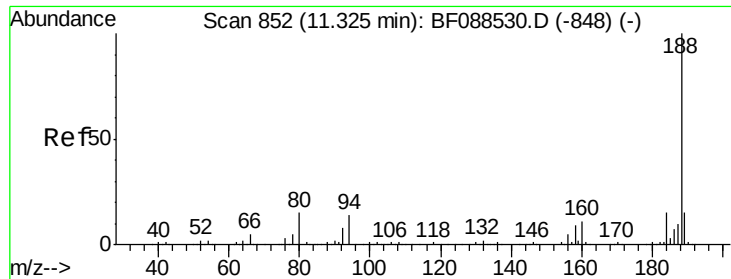
Tgt Ion: 138 Resp: 139612
Ion Ratio Lower Upper
138 100
92 40.1 27.3 67.3
108 65.4 46.7 86.7



#62
Azobenzene
Concen: 38.72 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion: 77 Resp: 545910
Ion Ratio Lower Upper
77 100
182 22.4 4.4 44.4
105 22.8 3.8 43.8
51 27.2 9.3 49.3

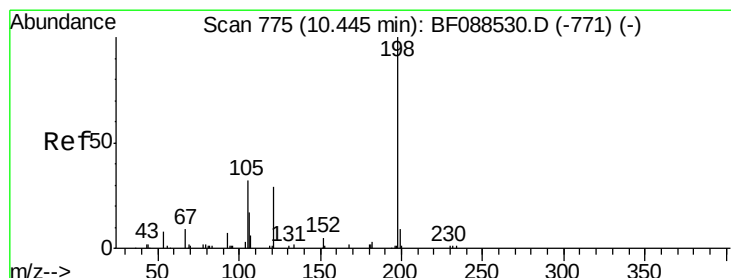
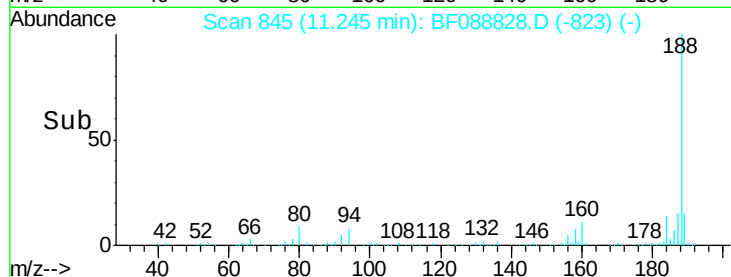
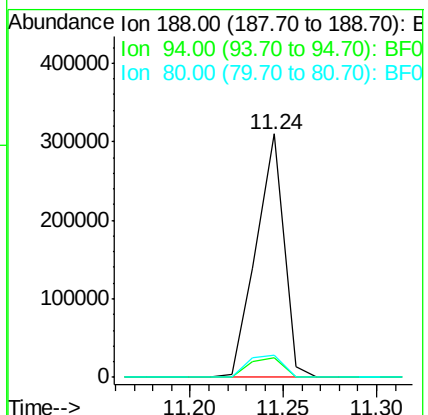
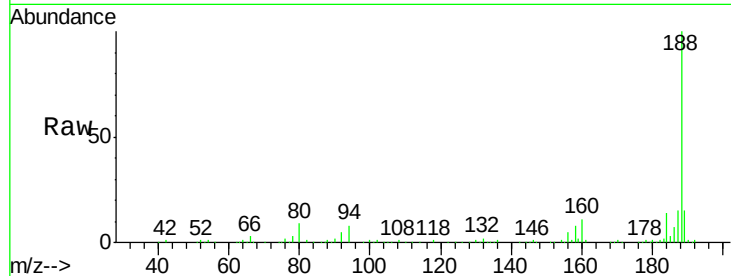




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

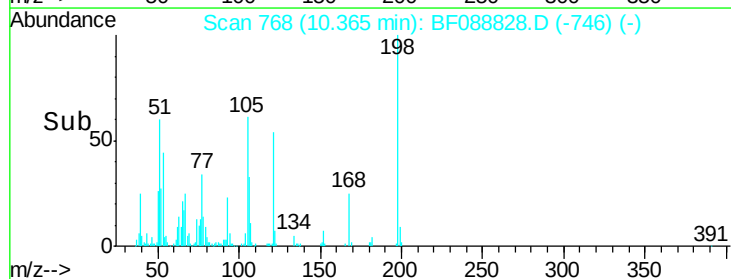
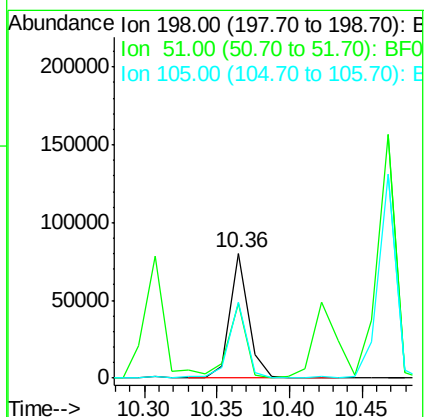
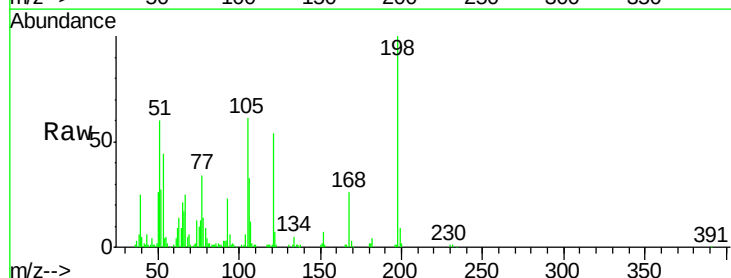
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

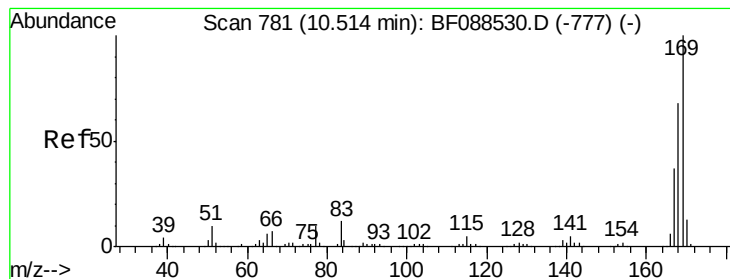
Tgt Ion:188 Resp: 319378
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.6#
80 9.2 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 42.26 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion:198 Resp: 72196
Ion Ratio Lower Upper
198 100
51 60.1 39.6 79.6
105 60.6 36.6 76.6

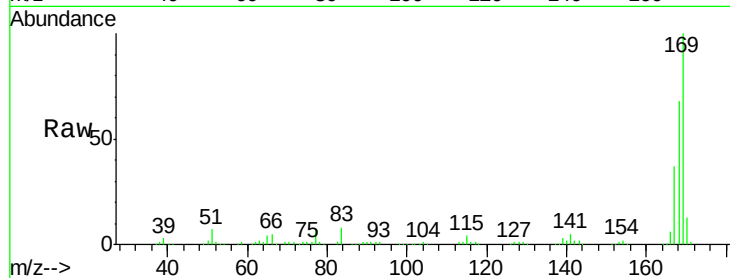




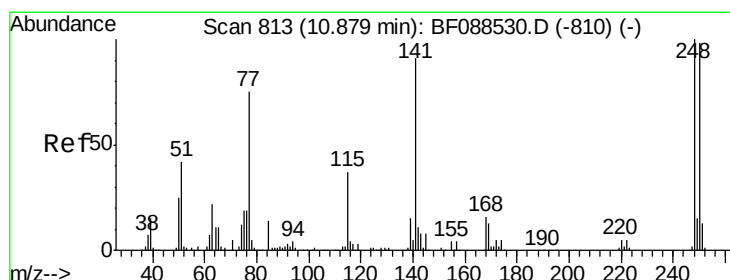
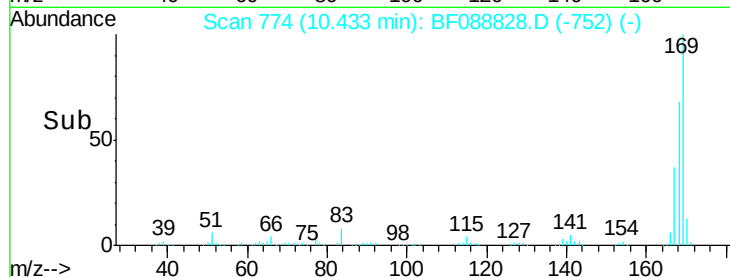
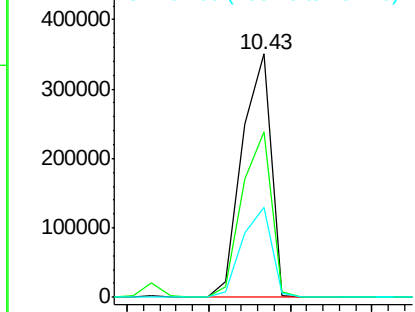
#65
 n-Nitrosodiphenylamine
 Concen: 39.76 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:169 Resp: 429750
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.4 80.0
 167 36.8 29.4 44.0

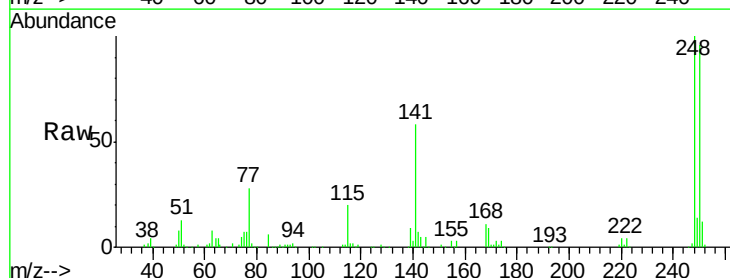


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

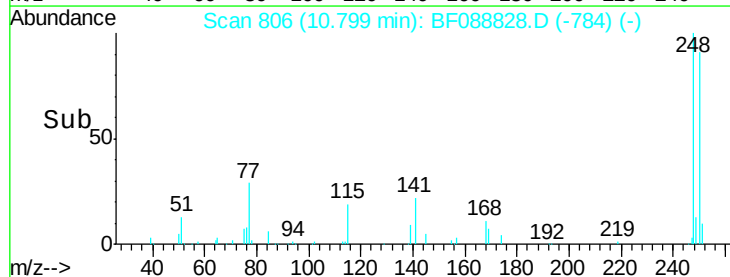
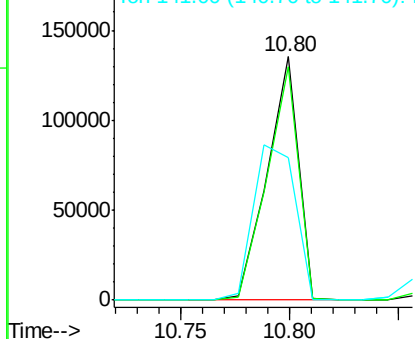


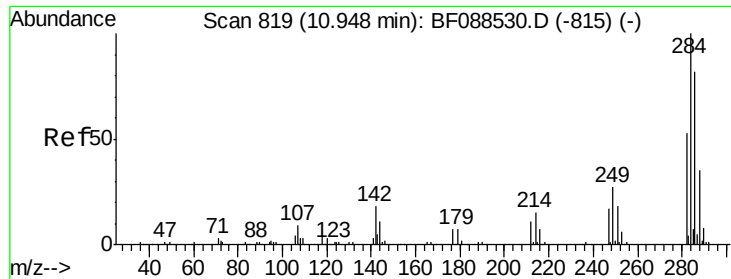
#66
 4-Bromophenyl-phenylether
 Concen: 42.40 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion:248 Resp: 136474
 Ion Ratio Lower Upper
 248 100
 250 95.9 77.1 115.7
 141 58.5 50.6 76.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

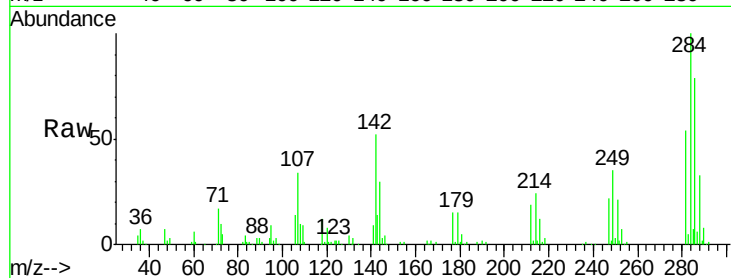




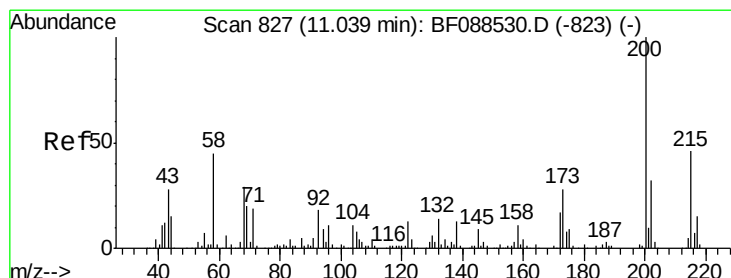
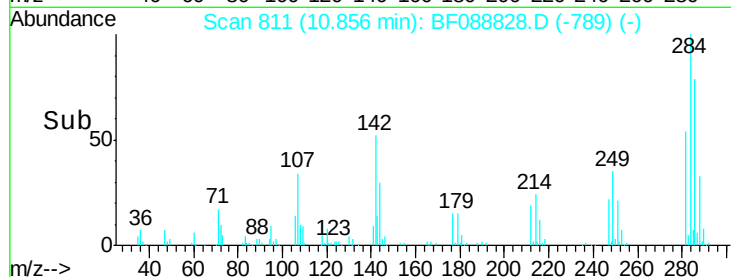
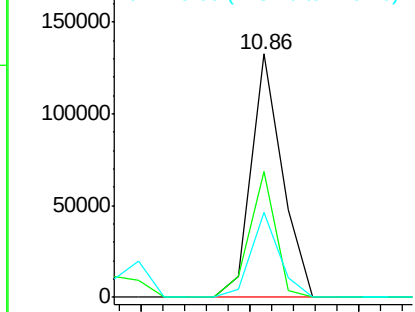
#67
Hexachlorobenzene
Concen: 36.87 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 131363
Ion Ratio Lower Upper
284 100
142 51.6 35.8 53.8
249 34.8 25.8 38.6

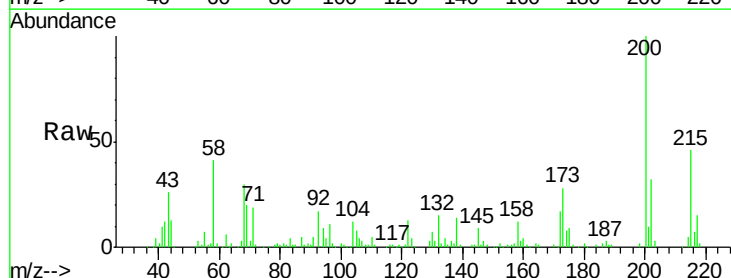


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

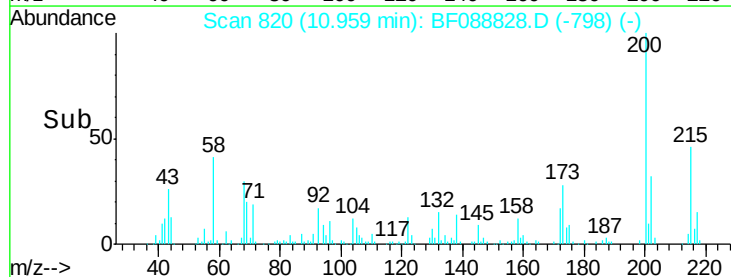
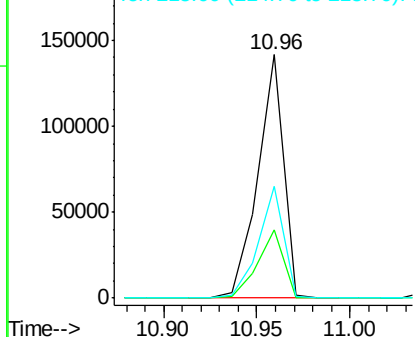


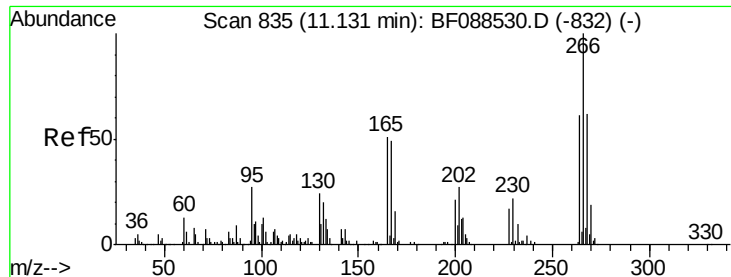
#68
Atrazine
Concen: 39.69 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.05 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion:200 Resp: 133690
Ion Ratio Lower Upper
200 100
173 28.1 4.0 44.0
215 45.8 29.3 69.3



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

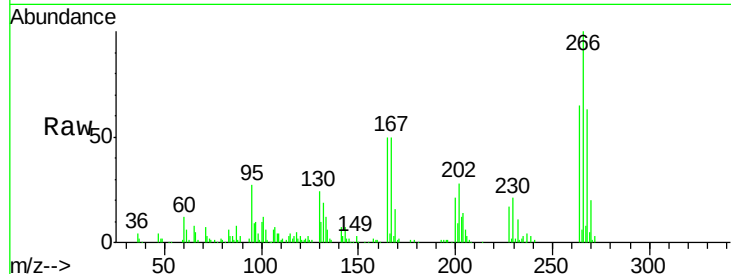




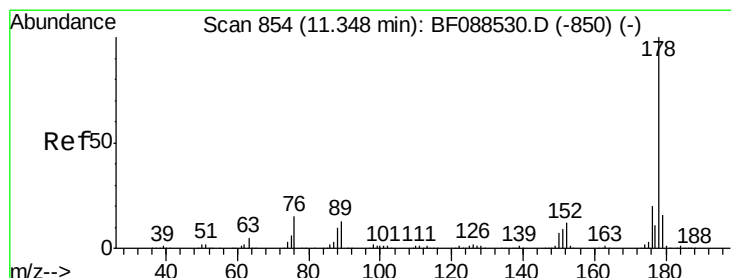
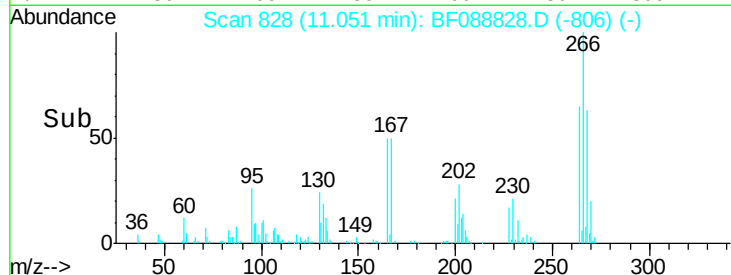
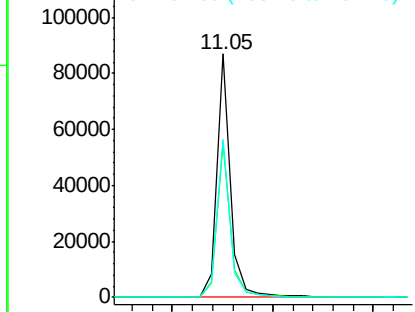
#69
 Pentachlorophenol
 Concen: 38.29 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 80725
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.8 79.2
 264 64.9 49.6 74.4

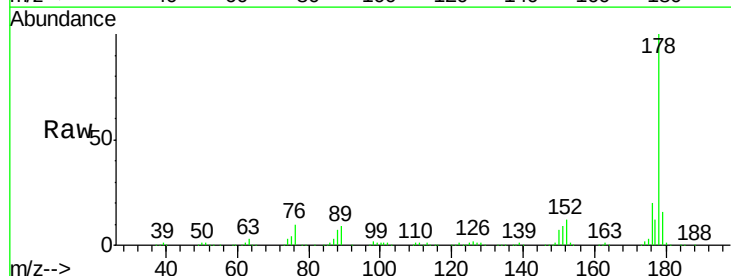


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

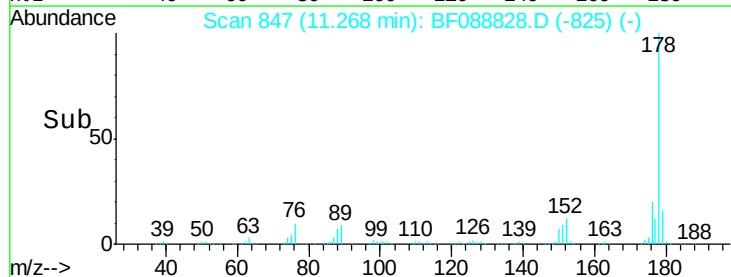
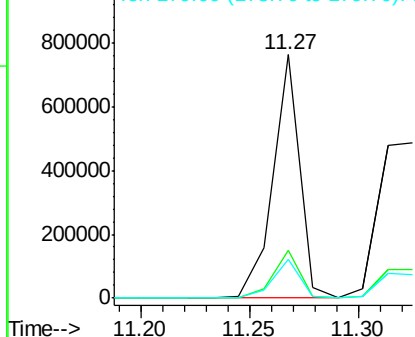


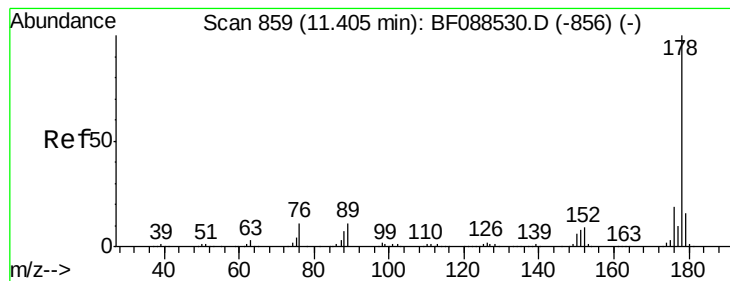
#70
 Phenanthrene
 Concen: 37.71 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion: 178 Resp: 658282
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 15.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.51 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

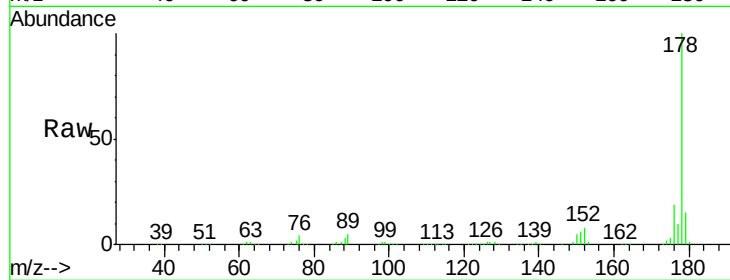
Tgt Ion:178 Resp: 685900

Ion Ratio Lower Upper

178 100

176 18.5 15.6 23.4

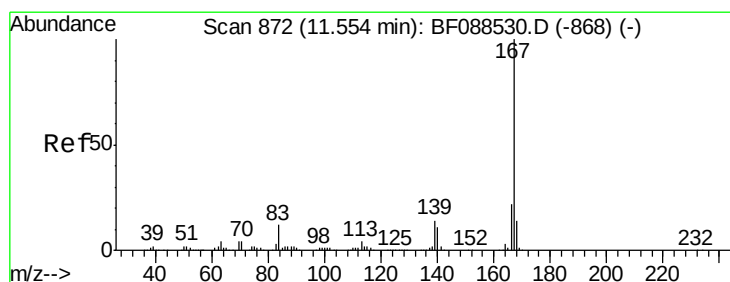
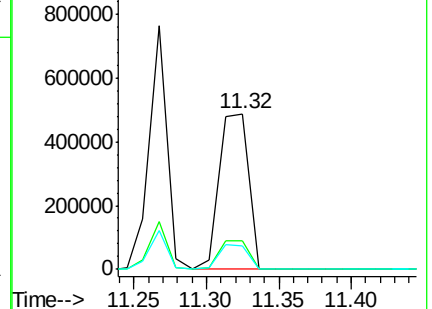
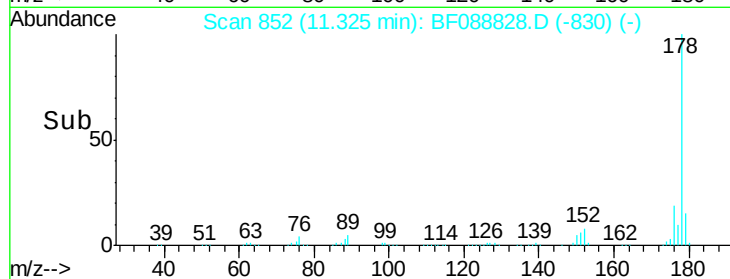
179 15.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.91 ng

RT: 11.47 min Scan# 865

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

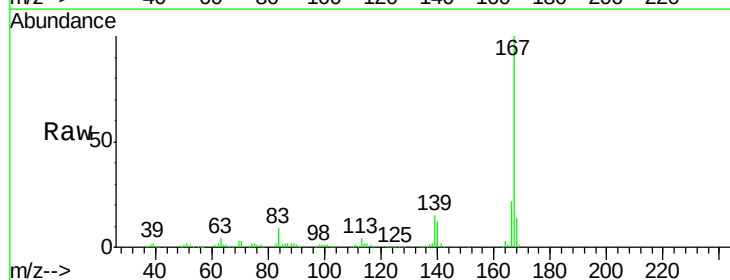
Tgt Ion:167 Resp: 586663

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

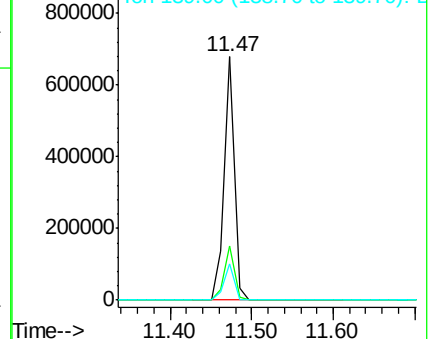
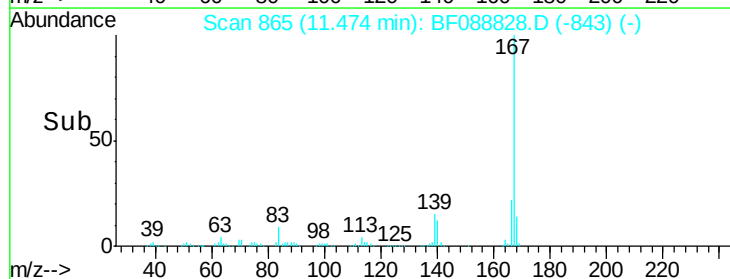
139 14.7 11.2 16.8

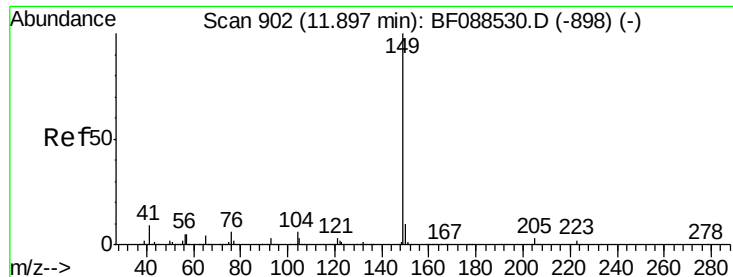


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.54 ng

RT: 11.82 min Scan# 895

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

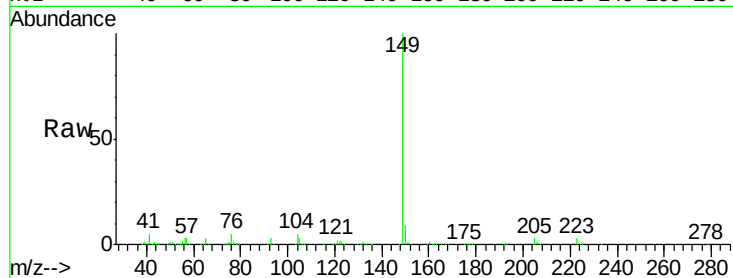
Tgt Ion:149 Resp: 789559

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

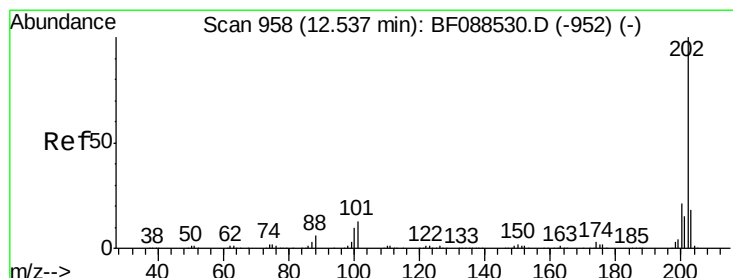
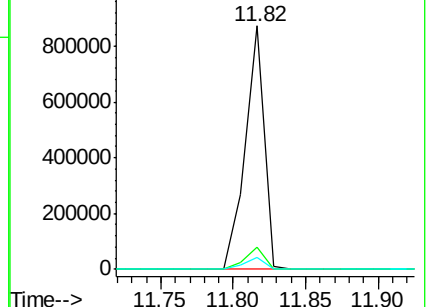
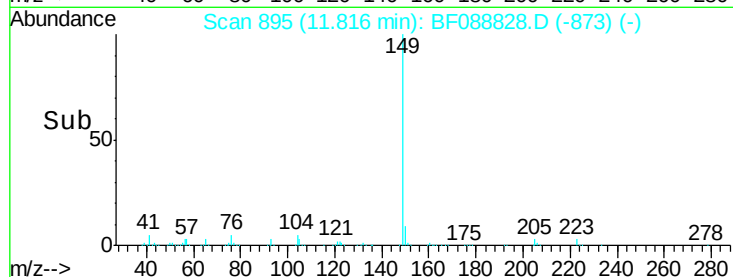
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.38 ng

RT: 12.45 min Scan# 950

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

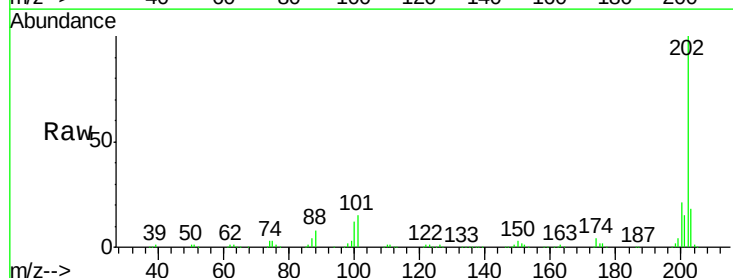
Tgt Ion:202 Resp: 608558

Ion Ratio Lower Upper

202 100

101 15.3 0.0 33.1

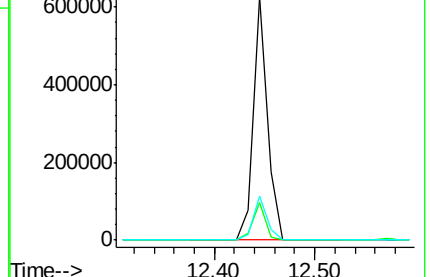
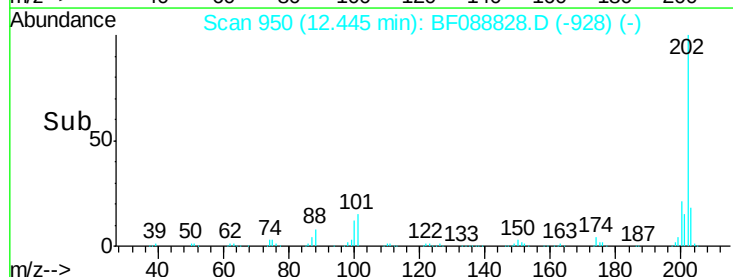
203 17.9 0.0 38.1

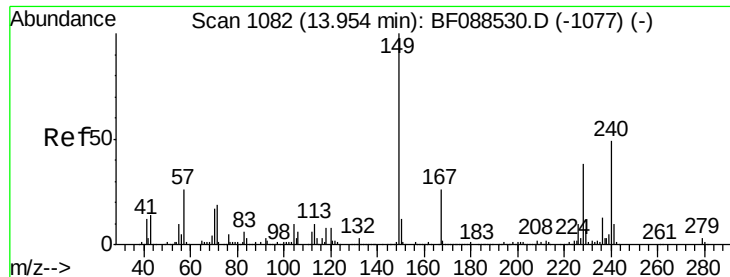


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

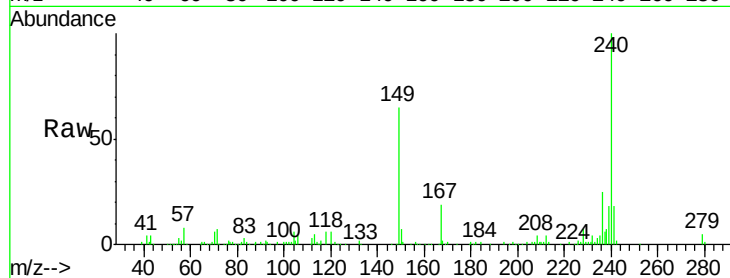
Tgt Ion:240 Resp: 198367

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

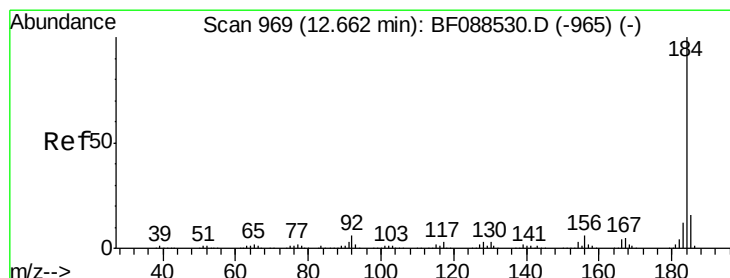
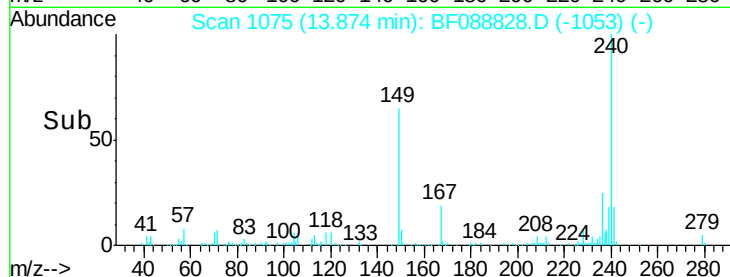
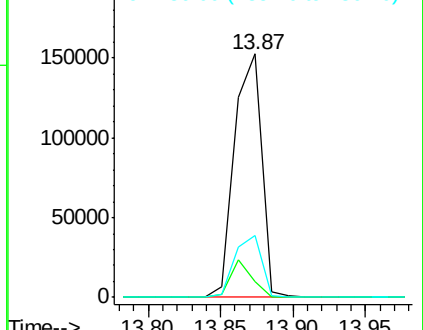
236 25.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.47 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

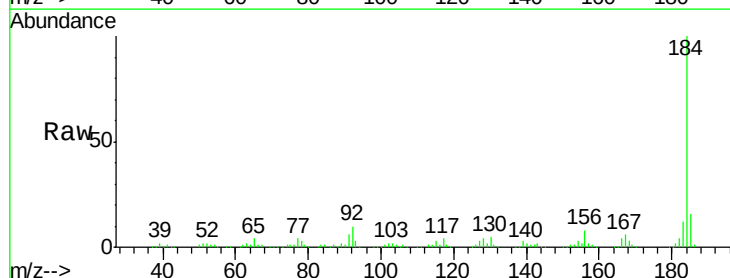
Tgt Ion:184 Resp: 375709

Ion Ratio Lower Upper

184 100

185 15.7 12.5 18.7

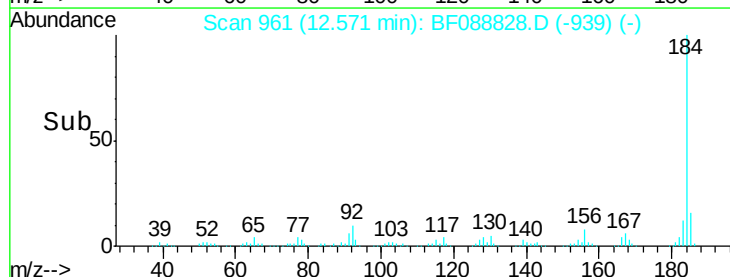
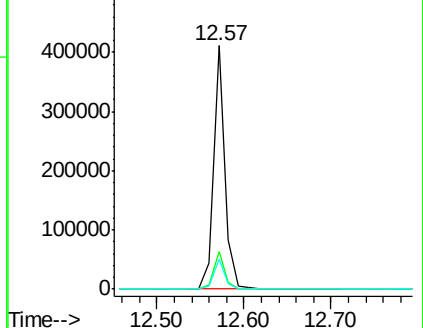
183 12.1 9.3 13.9

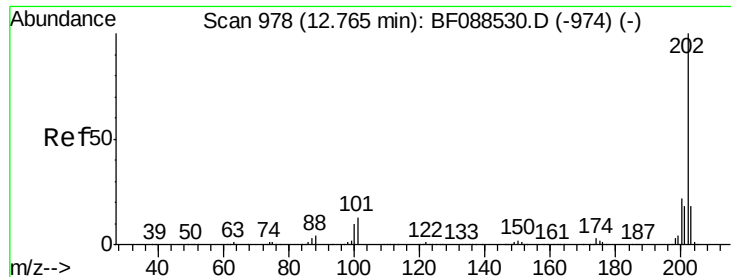


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

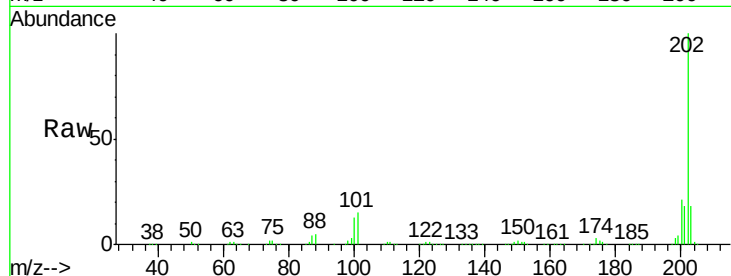




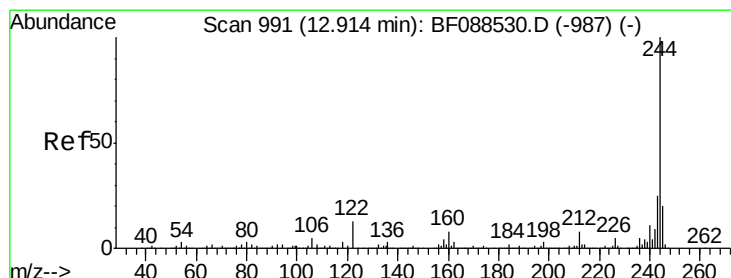
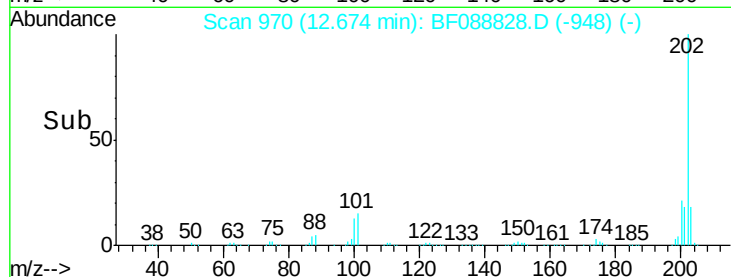
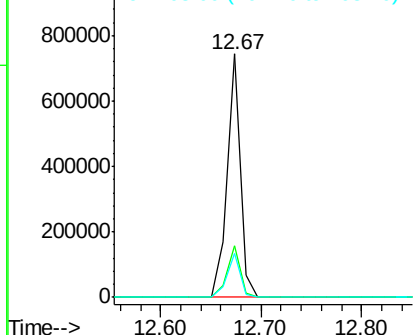
#77
Pyrene
 Concen: 40.19 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 202 Resp: 676052
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.2
 203 17.8 14.5 21.7

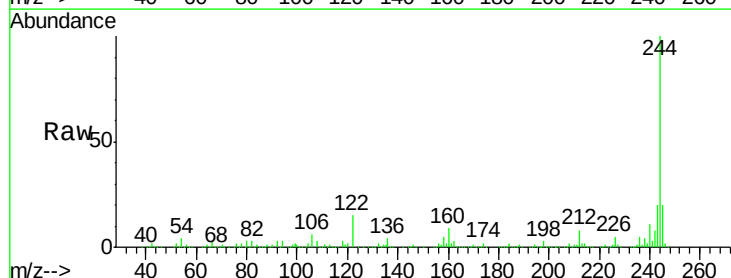


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

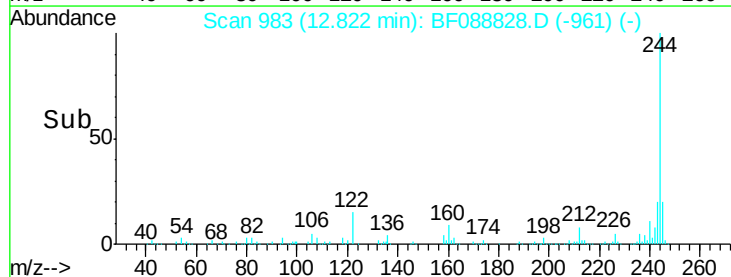
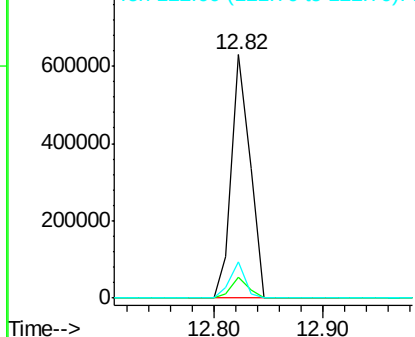


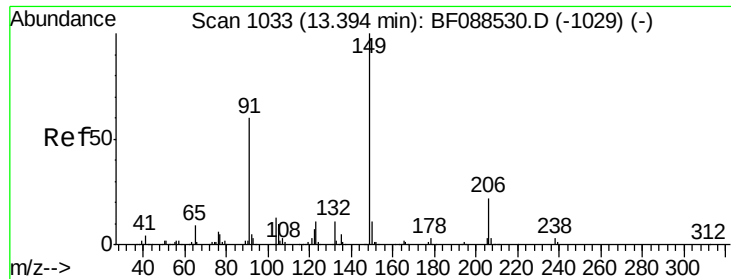
#78
Terphenyl-d14
 Concen: 83.07 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion: 244 Resp: 739838
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.0 9.0
 122 15.1 11.2 16.8



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: 39.36 ng

RT: 13.30 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

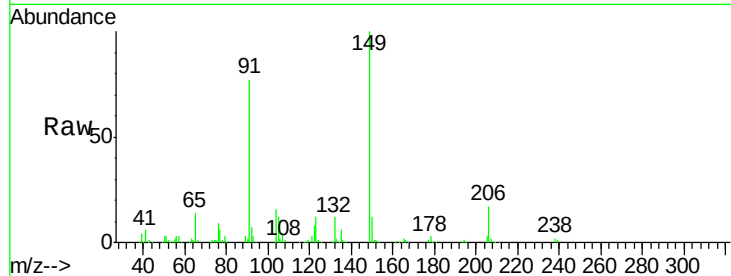
Tgt Ion:149 Resp: 295318

Ion Ratio Lower Upper

149 100

91 77.5 48.0 72.0#

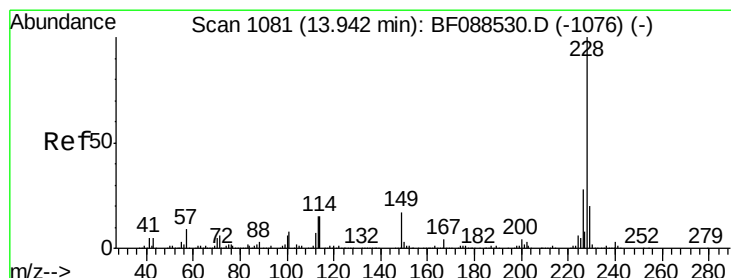
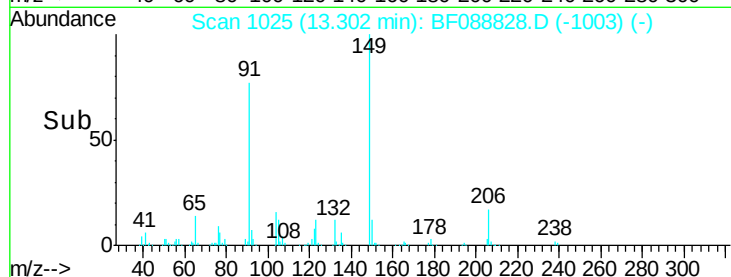
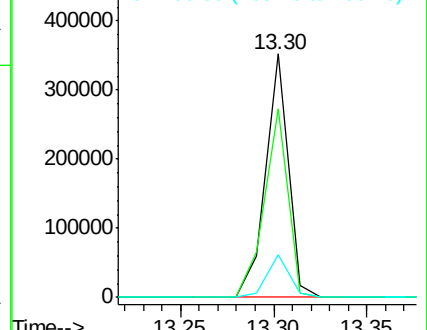
206 17.3 16.0 24.0



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: 39.65 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.06 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

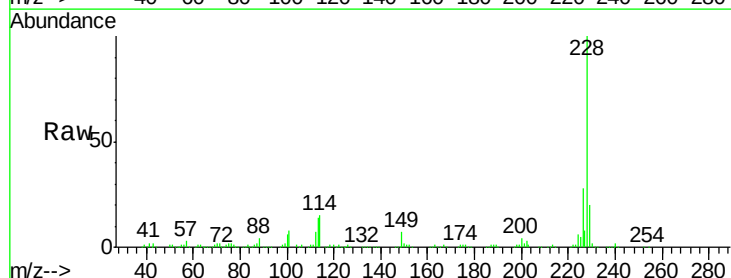
Tgt Ion:228 Resp: 506393

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

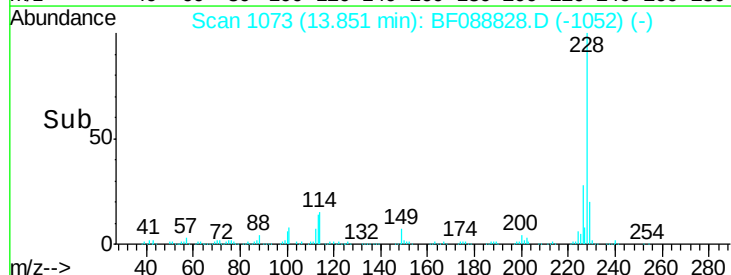
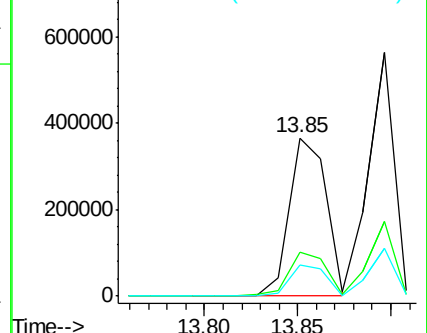
229 20.0 16.0 24.0

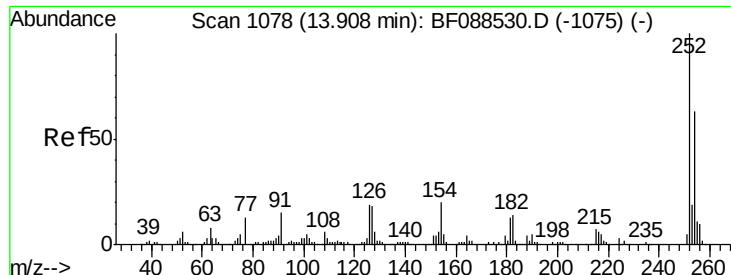


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

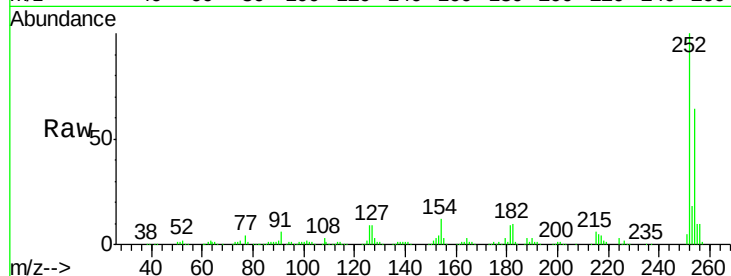




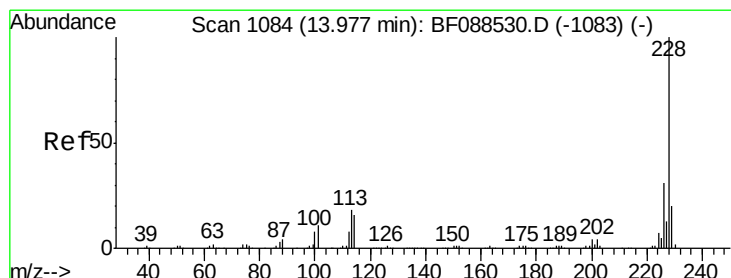
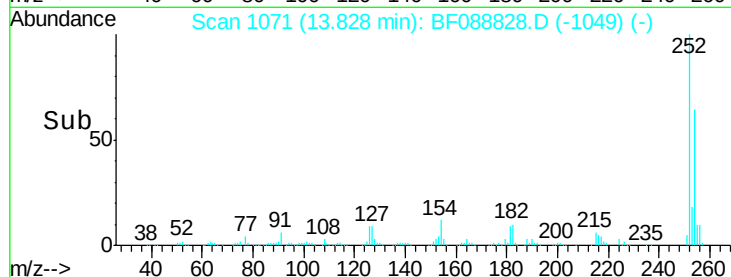
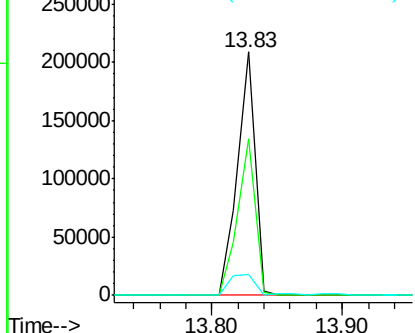
#81
 3,3'-Dichlorobenzidine
 Concen: 41.16 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 252 Resp: 197653
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.6 78.8
 126 8.8 6.2 9.2

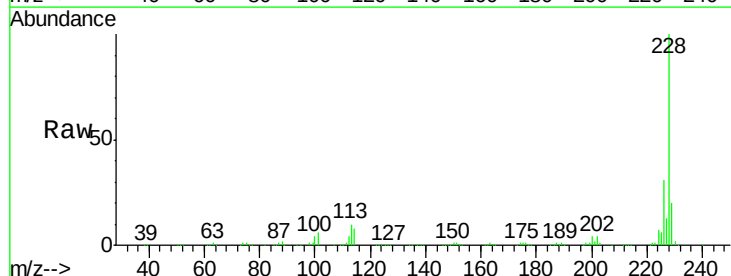


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

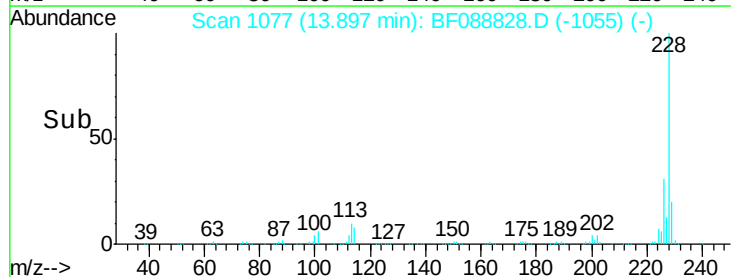
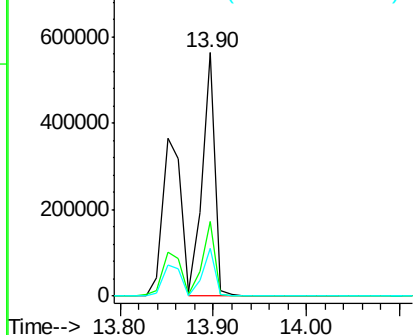


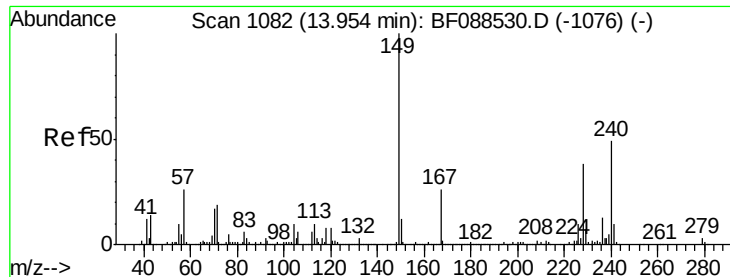
#82
 Chrysene
 Concen: 42.20 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.05 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion: 228 Resp: 533320
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.2
 229 19.9 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.49 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

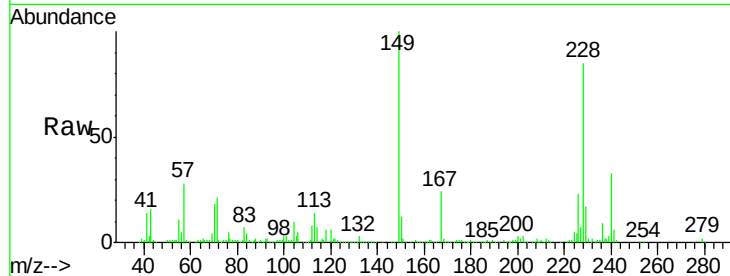
Tgt Ion:149 Resp: 346833

Ion Ratio Lower Upper

149 100

167 24.2 20.5 30.7

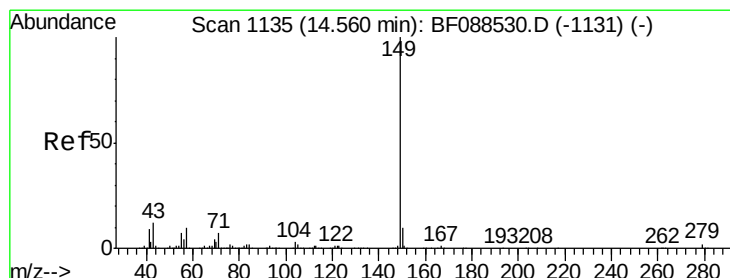
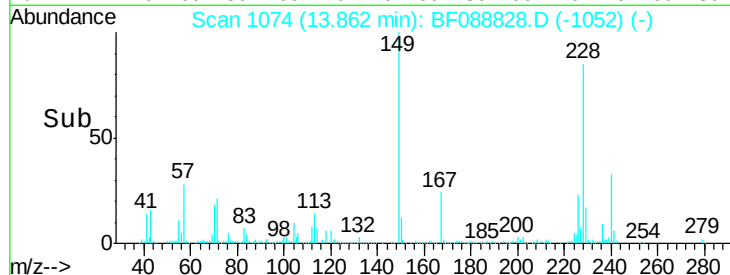
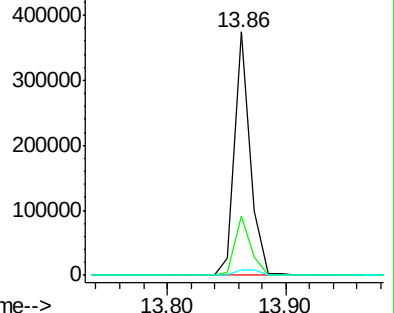
279 2.3 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.84 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.05 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

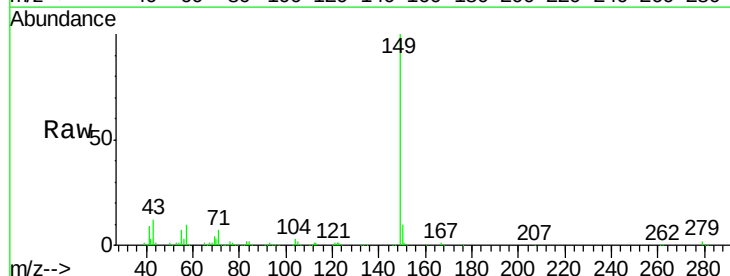
Tgt Ion:149 Resp: 550550

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

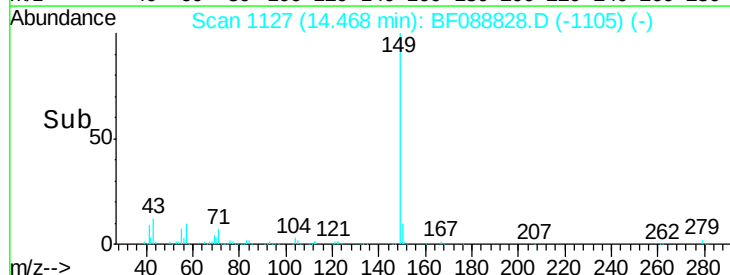
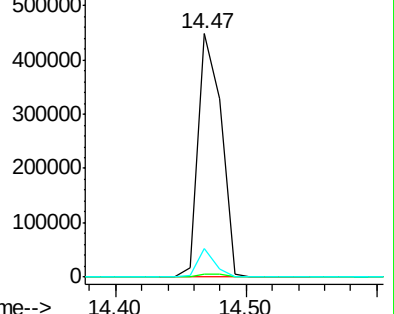
43 9.0 0.0 0.0#

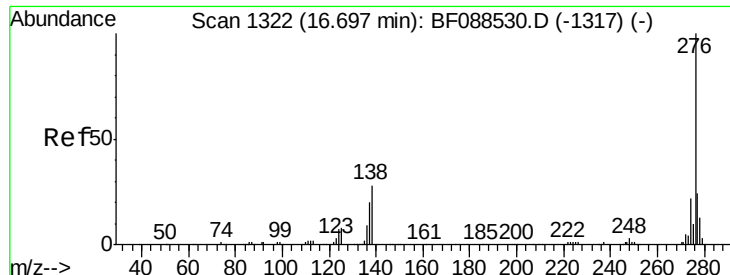


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

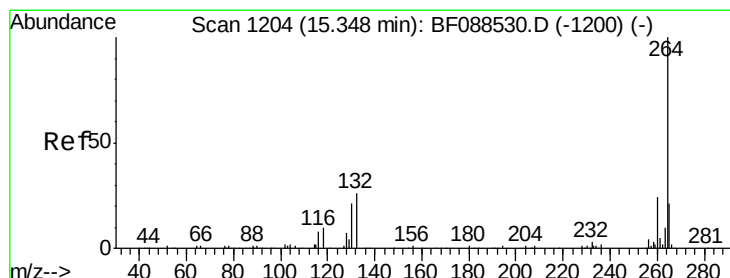
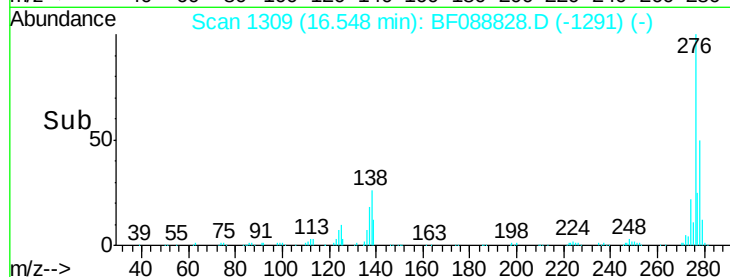
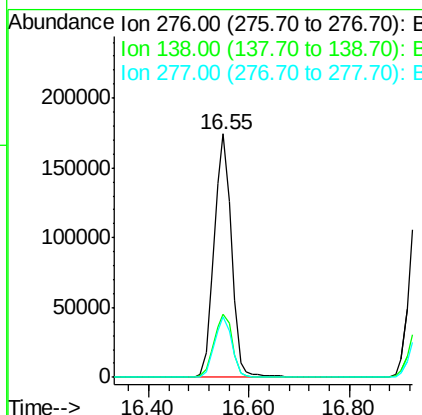
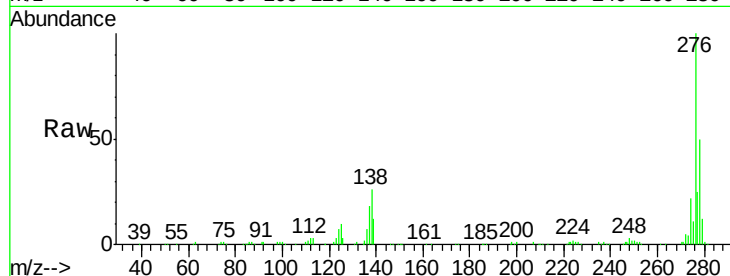




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.94 ng
 RT: 16.55 min Scan# 1309
 Delta R.T. -0.09 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

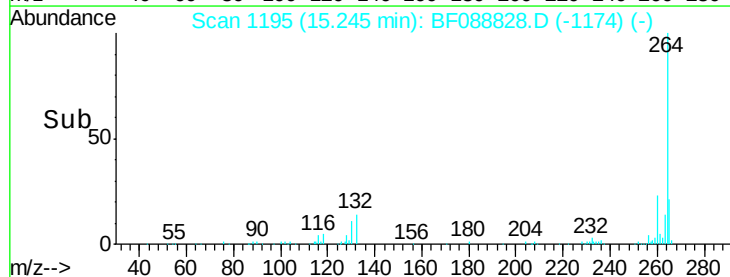
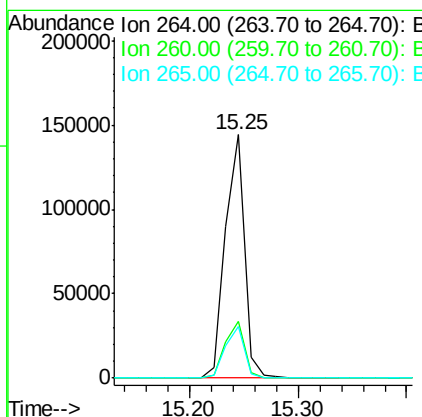
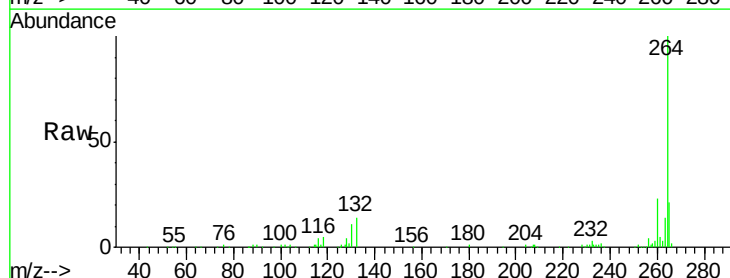
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

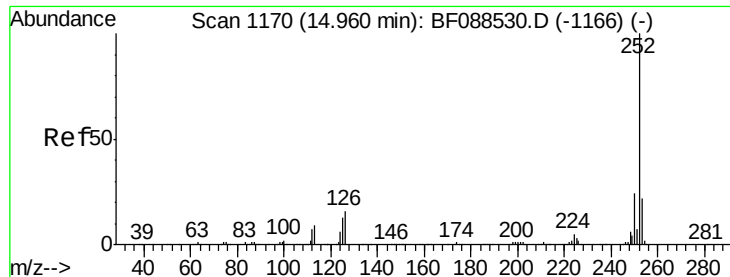
Tgt Ion: 276 Resp: 417490
 Ion Ratio Lower Upper
 276 100
 138 27.4 0.0 0.0#
 277 25.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1195
 Delta R.T. -0.06 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion: 264 Resp: 175910
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.3 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 75.30 ng

RT: 14.89 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

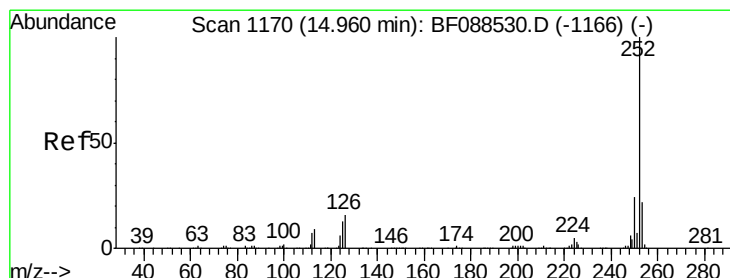
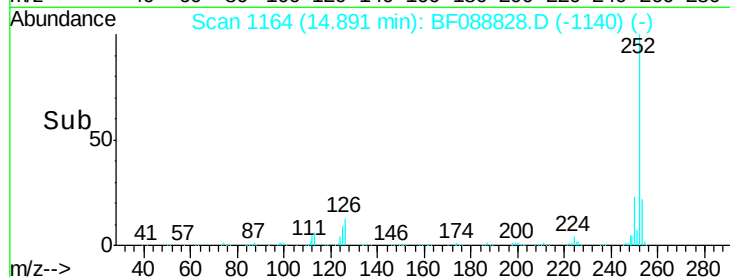
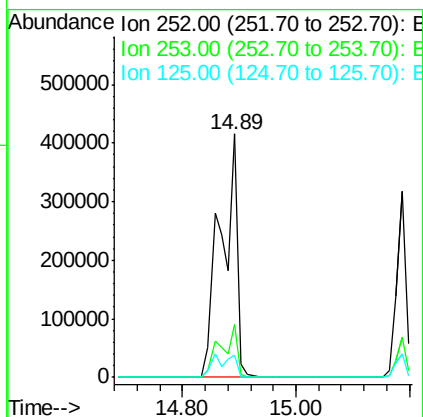
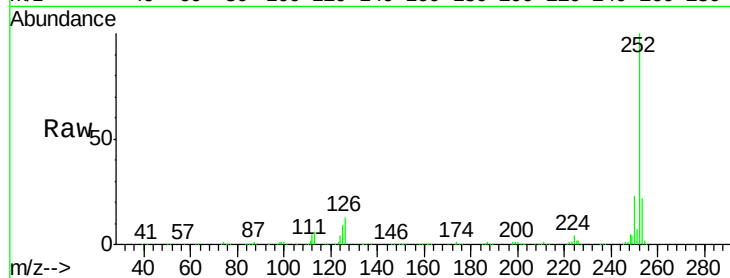
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	252	Resp:	830985
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.0	7.1	10.7



#88

Benzo(k)fluoranthene

Concen: 86.50 ng

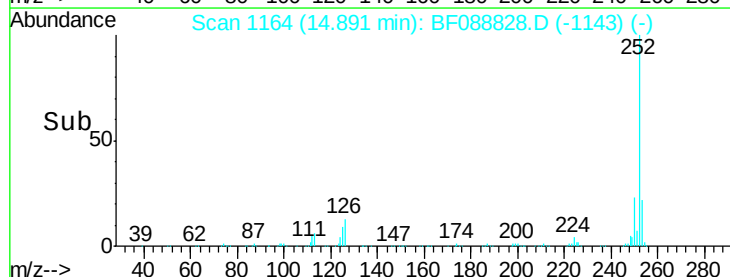
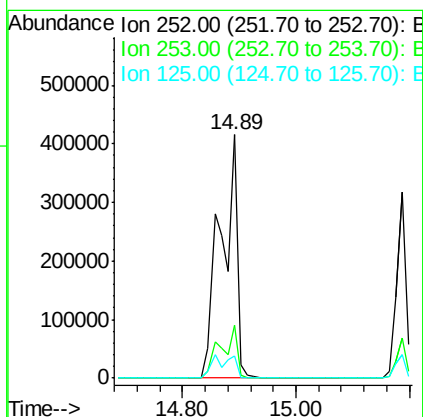
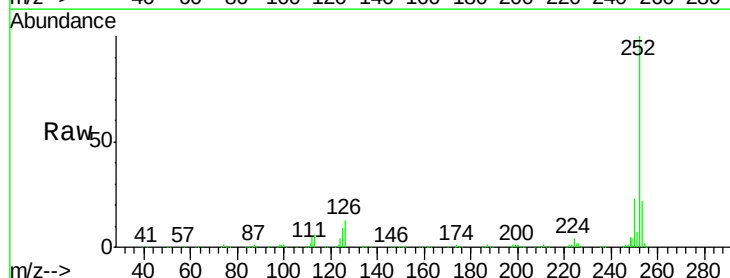
RT: 14.89 min Scan# 1164

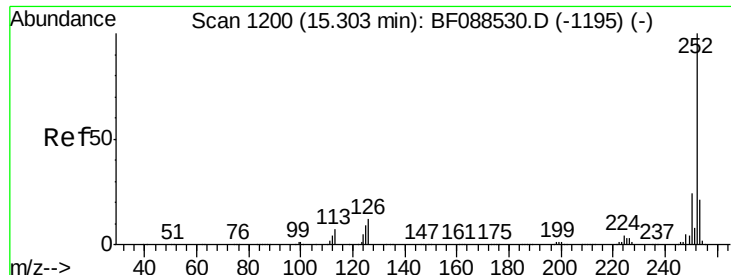
Delta R.T. -0.06 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Tgt Ion:	252	Resp:	830985
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.0	11.2	16.8#





#89

Benzo(a)pyrene

Concen: 39.57 ng

RT: 15.19 min Scan# 1190

Delta R.T. -0.06 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

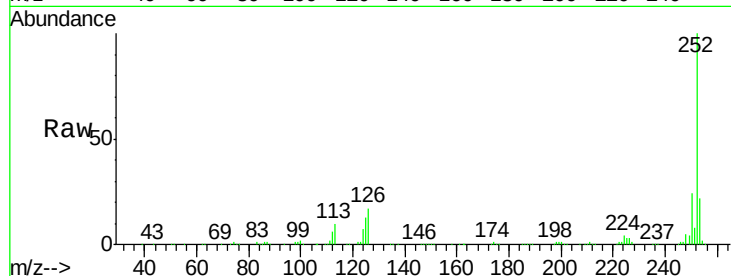
Tgt Ion:252 Resp: 369680

Ion Ratio Lower Upper

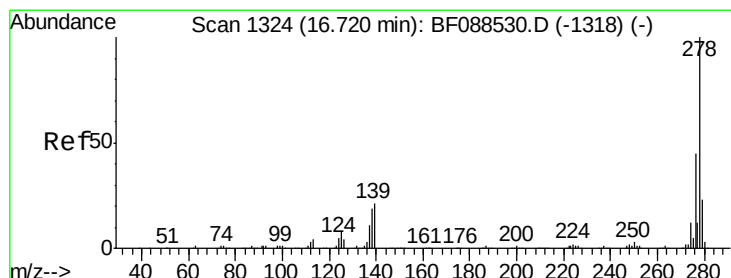
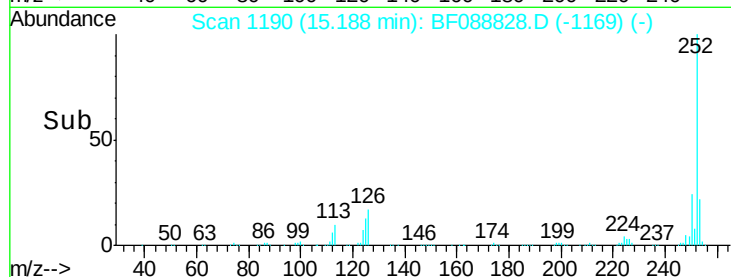
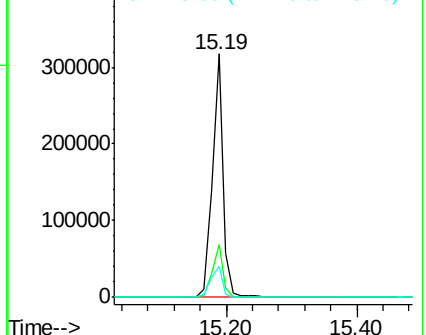
252 100

253 21.7 17.9 26.9

125 12.8 12.5 18.7



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



#90

Dibenzo(a,h)anthracene

Concen: 45.55 ng

RT: 16.56 min Scan# 1310

Delta R.T. -0.09 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

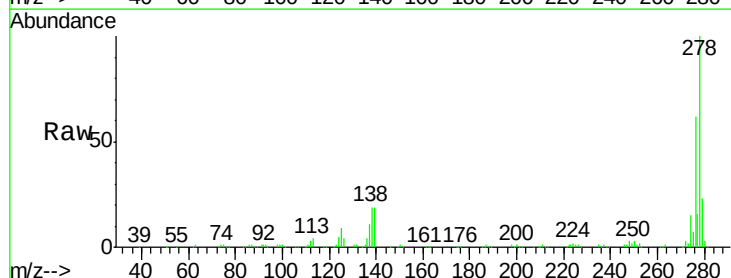
Tgt Ion:278 Resp: 355367

Ion Ratio Lower Upper

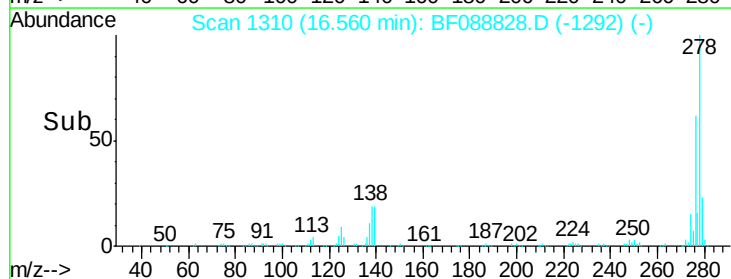
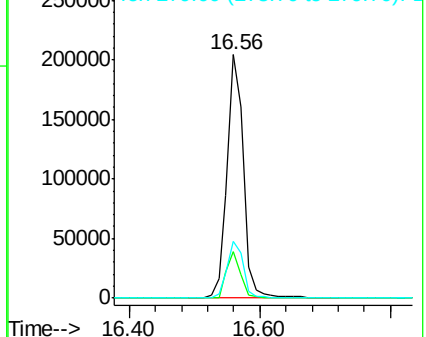
278 100

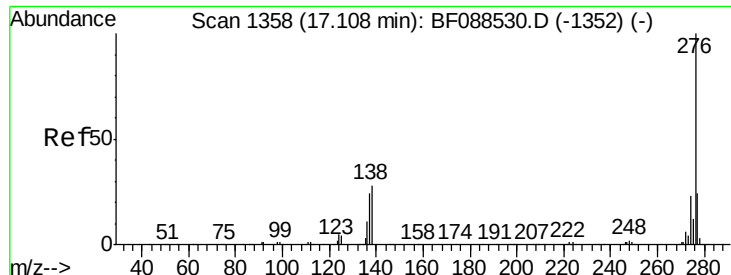
139 19.0 15.7 23.5

279 23.4 19.4 29.2



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





#91
 Benzo(g,h,i)perylene
 Concen: 45.97 ng
 RT: 16.94 min Scan# 1343
 Delta R.T. -0.10 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	24.9	21.4	32.2

