

Data Path : V:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089571.D
 Acq On : 3 Aug 2016 21:35
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 07:19:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:15:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	37022	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	160747	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	73697	20.00	ng	0.00
63) Phenanthrene-d10	14.72	188	129942	20.00	ng	0.00
75) Chrysene-d12	18.41	240	71634	20.00	ng	0.00
86) Perylene-d12	20.07	264	65305	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	292235	130.77	ng	0.00
7) Phenol-d6	7.02	99	385551	129.44	ng	0.01
23) Nitrobenzene-d5	8.39	82	367776	126.57	ng	0.01
41) 2,4,6-Tribromophenol	13.61	330	71529	122.19	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	663276	116.89	ng	0.00
78) Terphenyl-d14	17.07	244	448125	125.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.77	88	73976	60.58	ng	96
3) Pyridine	2.34	79	154610	59.22	ng	98
4) n-Nitrosodimethylamine	2.32	42	67237	61.17	ng	96
6) Aniline	6.97	93	250774	60.67	ng	99
8) 2-Chlorophenol	7.14	128	173180	64.75	ng	97
9) Benzaldehyde	6.78	77	60995	57.48	ng	99
10) Phenol	7.03	94	206134	66.83	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	164419	60.64	ng	99
12) 1,3-Dichlorobenzene	7.37	146	183297	62.49	ng	98
13) 1,4-Dichlorobenzene	7.50	146	185486	63.32	ng	99
14) 1,2-Dichlorobenzene	7.72	146	186878	61.48	ng	99
15) Benzyl Alcohol	7.76	79	131109	67.38	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.95	45	201951	60.39	ng	99
17) 2-Methylphenol	7.98	107	123955	63.35	ng	96
18) Hexachloroethane	8.25	117	75715	61.55	ng	97
19) n-Nitroso-di-n-propylamine	8.19	70	131951	118.36	ng	96
20) 3+4-Methylphenols	8.23	107	161595	63.08	ng	98
22) Acetophenone	8.16	105	259989	68.13	ng	96
24) Nitrobenzene	8.41	77	180883	59.87	ng	94
25) Isophorone	8.81	82	335503	60.81	ng	99
26) 2-Nitrophenol	8.91	139	80099	63.59	ng	98
27) 2,4-Dimethylphenol	9.06	122	145872	64.63	ng	96
28) bis(2-Chloroethoxy)methane	9.20	93	211647	64.04	ng	99
29) 2,4-Dichlorophenol	9.32	162	132522	62.41	ng	100
30) 1,2,4-Trichlorobenzene	9.43	180	150639	62.07	ng	99
31) Naphthalene	9.53	128	517060	60.50	ng	100
32) Benzoic acid	9.40	122	94294	62.90	ng	97
33) 4-Chloroaniline	9.67	127	199964	60.57	ng	97
34) Hexachlorobutadiene	9.75	225	84433	59.97	ng	99
35) Caprolactam	10.32	113	38399	61.48	ng	# 82
36) 4-Chloro-3-methylphenol	10.52	107	158857	63.83	ng	93
37) 2-Methylnaphthalene	10.65	142	312424	59.80	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	174494	62.83	ng	100
40) Hexachlorocyclopentadiene	10.91	237	56250	58.60	ng	97

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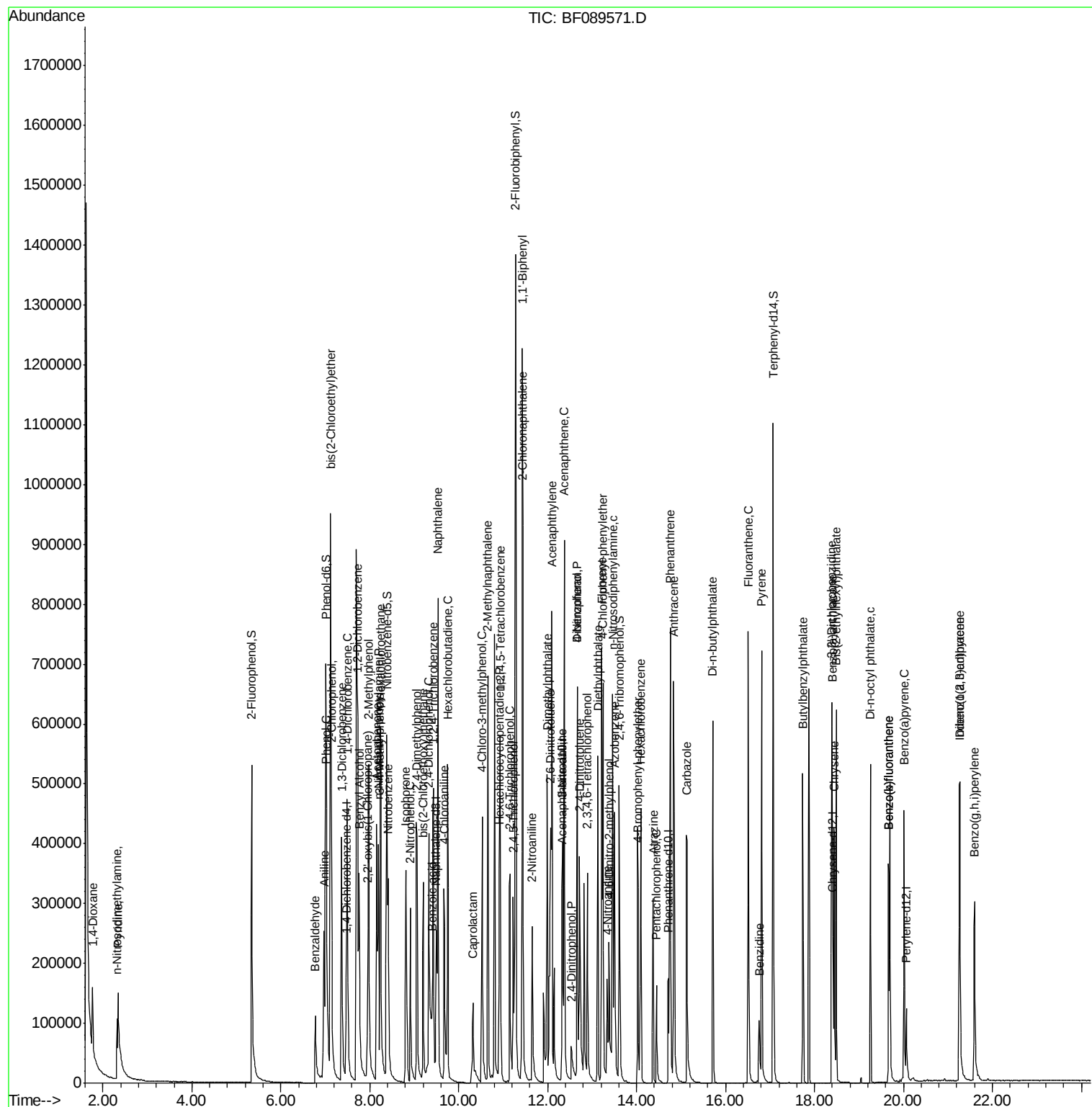
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	87032	64.11	nq	98
43) 2,4,5-Trichlorophenol	11.22	196	90283	62.20	nq	96
45) 1,1'-Biphenyl	11.43	154	401456	60.32	nq	100
46) 2-Chloronaphthalene	11.44	162	294696	59.10	nq	97
47) 2-Nitroaniline	11.64	65	96900	61.26	nq	96
48) Acenaphthylene	12.09	152	485706	59.08	nq	100
49) Dimethylphthalate	11.99	163	326927	57.90	nq	99
50) 2,6-Dinitrotoluene	12.07	165	71656	63.43	nq	# 86
51) Acenaphthene	12.38	154	277637	58.26	nq	98
52) 3-Nitroaniline	12.33	138	80874	60.72	nq	95
53) 2,4-Dinitrophenol	12.53	184	27075	59.81	nq	96
54) Dibenzofuran	12.66	168	384998	59.36	nq	98
55) 4-Nitrophenol	12.66	139	203539	278.92	nq	# 15
56) 2,4-Dinitrotoluene	12.72	165	91212	60.08	nq	92
57) Fluorene	13.21	166	320094	58.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.89	232	61167	59.68	nq	# 97
59) Diethylphthalate	13.13	149	339290	59.31	nq	98
60) 4-Chlorophenyl-phenylether	13.25	204	150162	60.56	nq	97
61) 4-Nitroaniline	13.34	138	70822	60.68	nq	95
62) Azobenzene	13.51	77	348305	59.37	nq	93
64) 4,6-Dinitro-2-methylphenol	13.38	198	47653	59.73	nq	85
65) n-Nitrosodiphenylamine	13.46	169	276396	62.42	nq	99
66) 4-Bromophenyl-phenylether	14.03	248	80724	63.59	nq	# 79
67) Hexachlorobenzene	14.09	284	83192	60.59	nq	99
68) Atrazine	14.38	200	67843	59.22	nq	98
69) Pentachlorophenol	14.45	266	31127	59.41	nq	97
70) Phenanthrene	14.75	178	424995	61.23	nq	100
71) Anthracene	14.83	178	447709	58.99	nq	99
72) Carbazole	15.13	167	366218	59.66	nq	98
73) Di-n-butylphthalate	15.71	149	470333	59.90	nq	99
74) Fluoranthene	16.51	202	407619	58.03	nq	99
76) Benzidine	16.75	184	109663	56.14	nq	97
77) Pyrene	16.81	202	398317	62.55	nq	99
79) Butylbenzylphthalate	17.74	149	152061	63.64	nq	97
80) Benzo(a)anthracene	18.40	228	255674	61.25	nq	100
81) 3,3'-Dichlorobenzidine	18.39	252	84578	64.65	nq	100
82) Chrysene	18.45	228	258685	60.10	nq	100
83) Bis(2-ethylhexyl)phthalate	18.49	149	207886	64.55	nq	100
84) Di-n-octyl phthalate	19.26	149	319753	65.48	nq	99
85) Indeno(1,2,3-cd)pyrene	21.26	276	272169	62.52	nq	100
87) Benzo(b)fluoranthene	19.67	252	234398	58.75	nq	# 95
88) Benzo(k)fluoranthene	19.67	252	234398	59.64	nq	# 97
89) Benzo(a)pyrene	20.01	252	227203	61.42	nq	98
90) Dibenzo(a,h)anthracene	21.27	278	238356	68.07	nq	99
91) Benzo(g,h,i)perylene	21.60	276	241956	65.94	nq	95

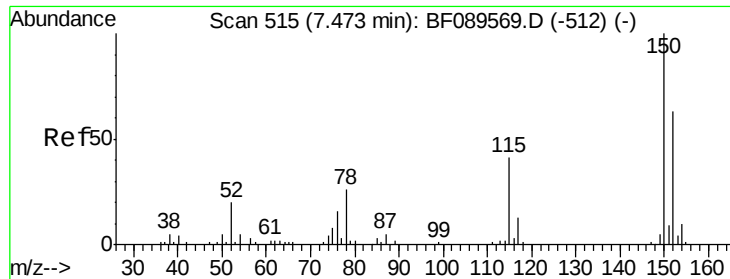
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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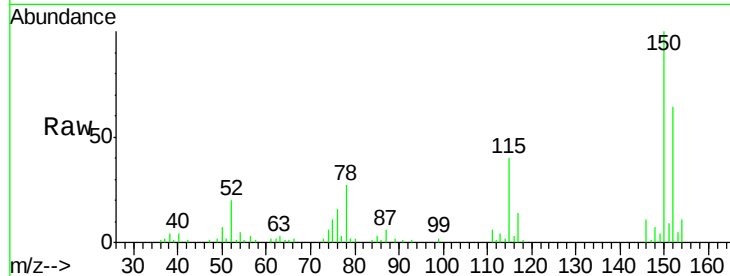


#1

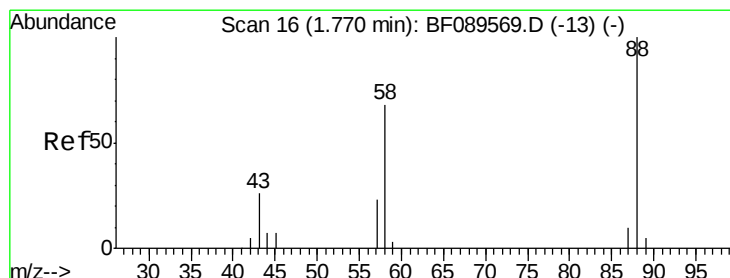
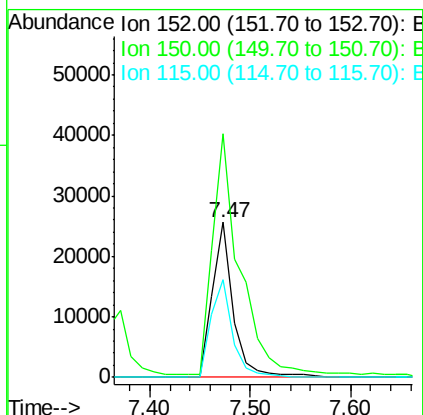
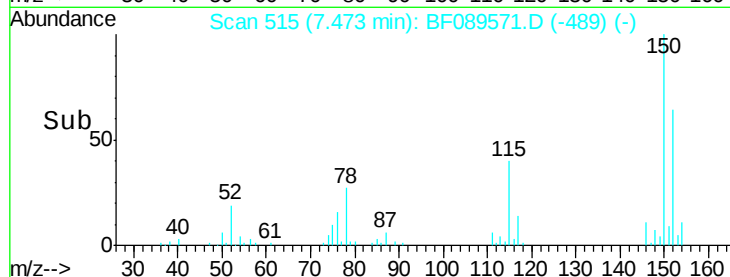
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 37022
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.2
115 62.6 51.8 77.8



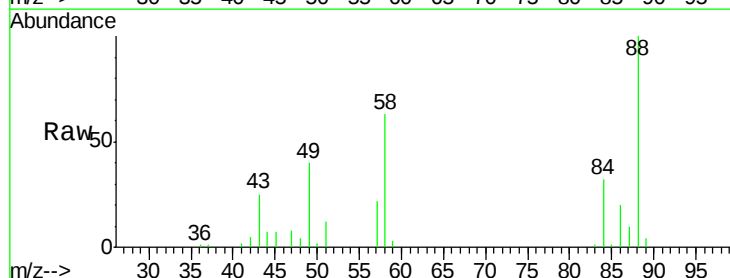
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



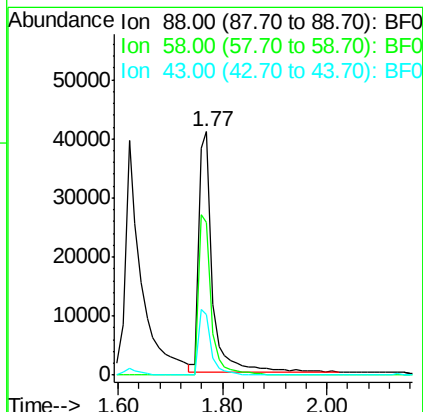
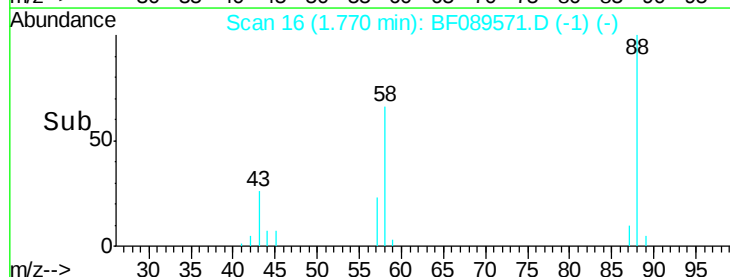
#2

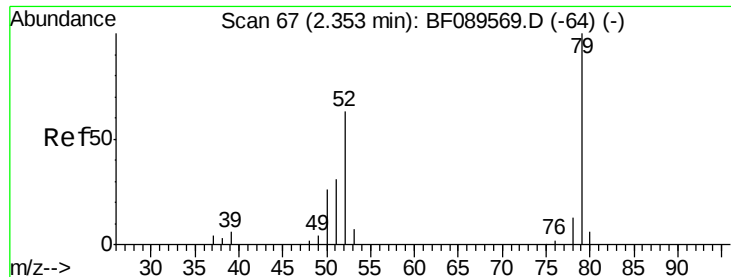
1,4-Dioxane
Concen: 60.58 ng
RT: 1.77 min Scan# 16
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion: 88 Resp: 73976
Ion Ratio Lower Upper
88 100
58 62.1 47.0 70.4
43 24.8 18.9 28.3



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





#3

Pvridine

Concen: 59.22 ng

RT: 2.34 min Scan# 66

Delta R.T. -0.01 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampled :

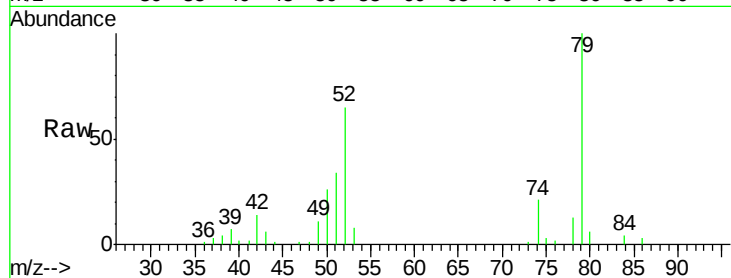
Tot Ion: 79 Resp: 154610

Ion Ratio Lower Upper

79 100

52 65.1 50.6 76.0

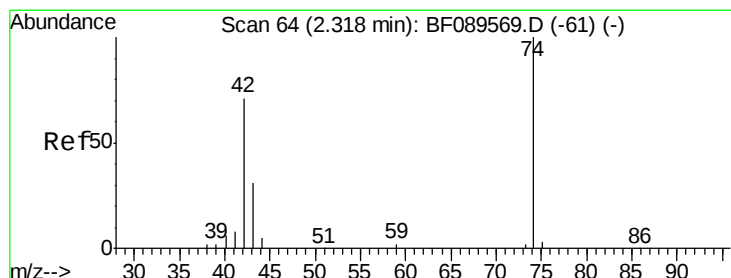
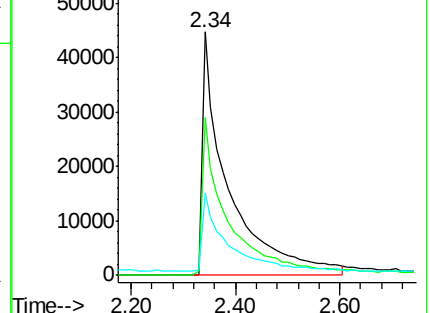
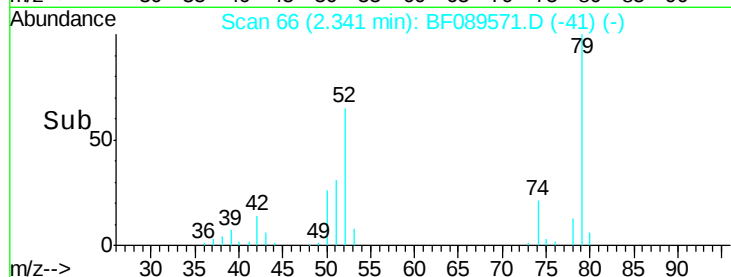
51 33.9 27.6 41.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 61.17 ng

RT: 2.32 min Scan# 64

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

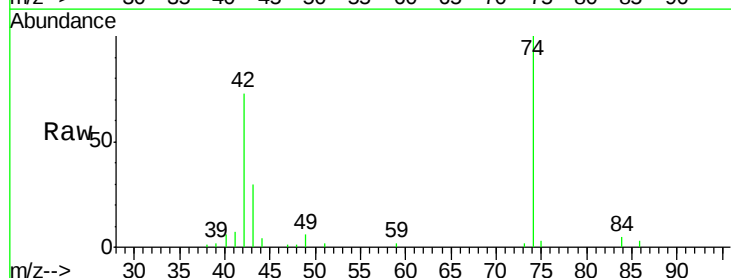
Tgt Ion: 42 Resp: 67237

Ion Ratio Lower Upper

42 100

74 136.3 113.5 170.3

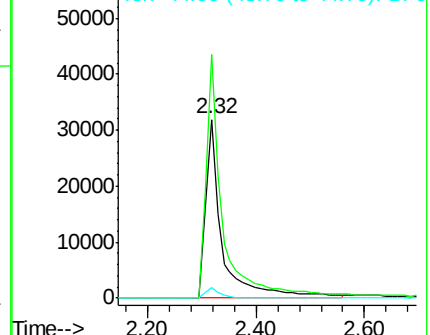
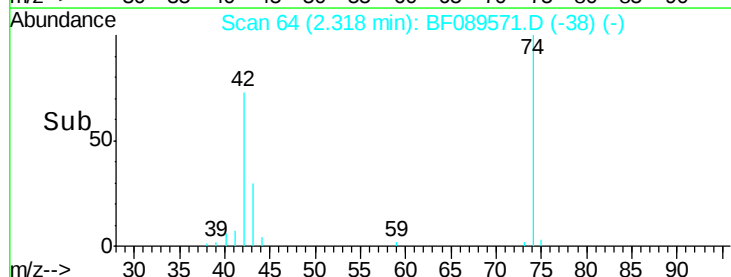
44 6.1 5.5 8.3

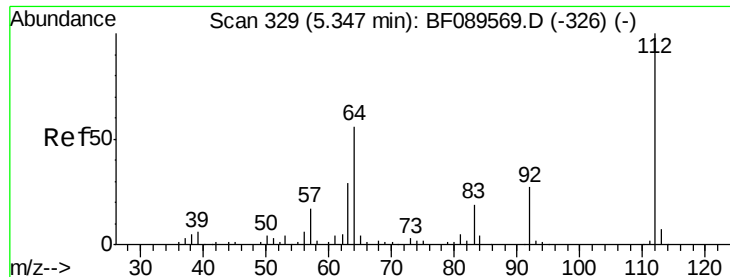


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.77 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

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ClientSampleId :

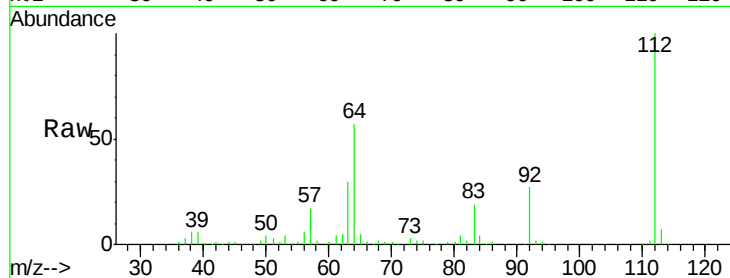
Tot Ion:112 Resp: 292235

Ion Ratio Lower Upper

112 100

64 56.5 45.2 67.8

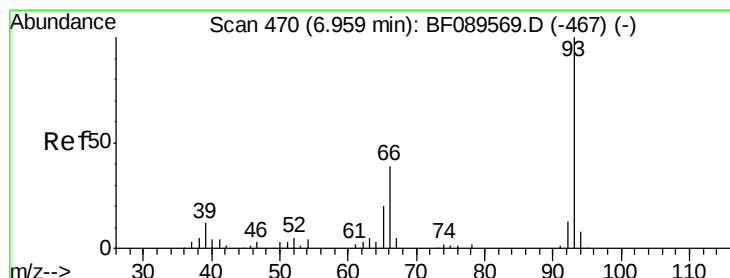
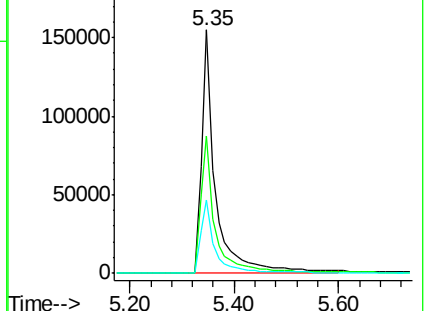
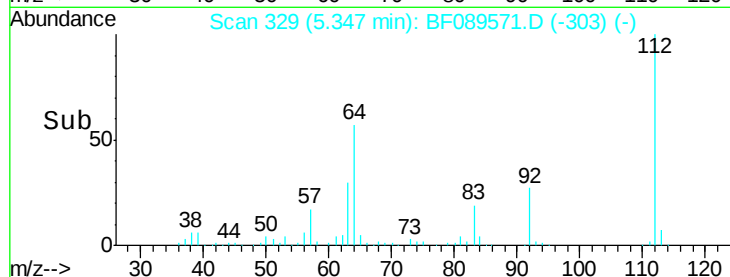
63 30.3 23.1 34.7



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: 60.67 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

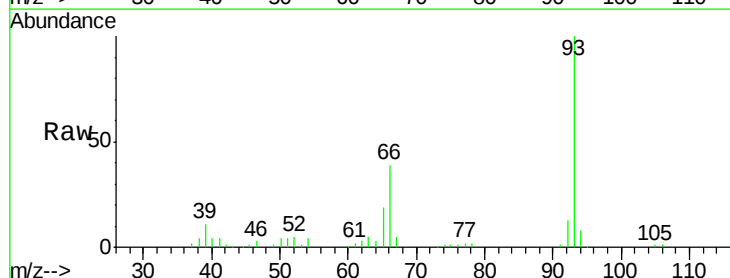
Tgt Ion: 93 Resp: 250774

Ion Ratio Lower Upper

93 100

66 38.5 31.1 46.7

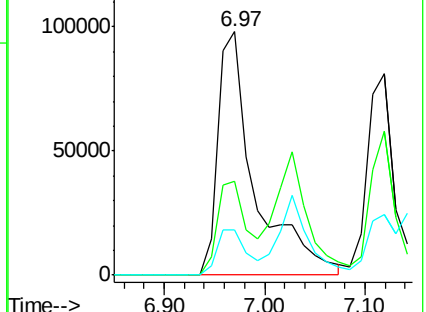
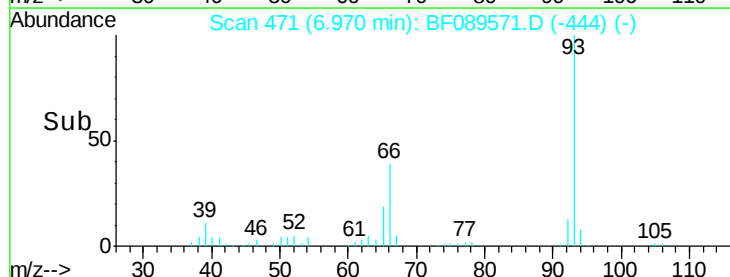
65 18.8 15.7 23.5

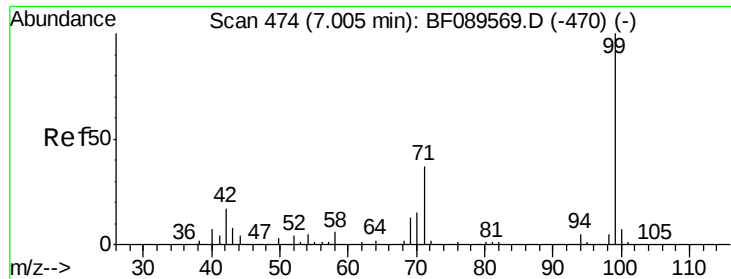


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.44 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.01 min

Lab File: BF089571.D

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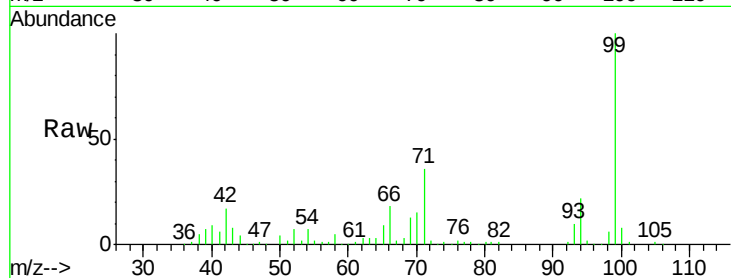
Tot Ion: 99 Resp: 385551

Ion Ratio Lower Upper

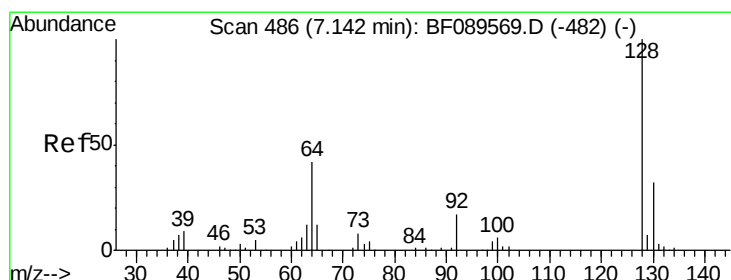
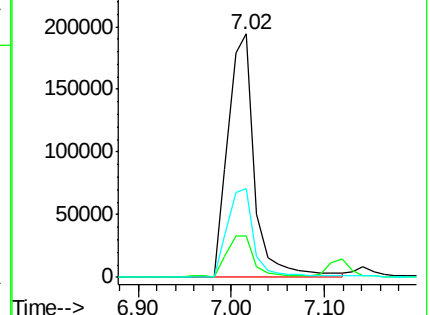
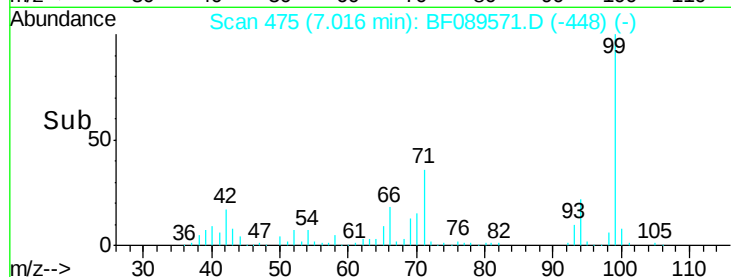
99 100

42 16.9 13.9 20.9

71 36.4 29.3 43.9



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



#8

2-Chlorophenol

Concen: 64.75 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

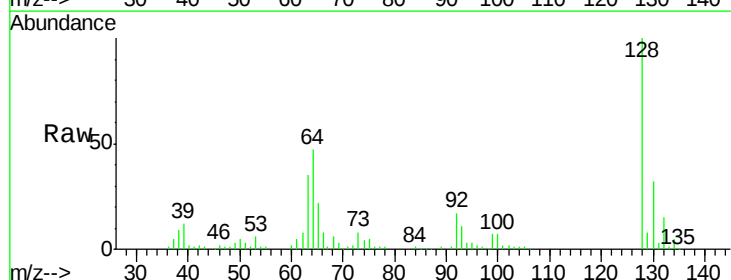
Tgt Ion:128 Resp: 173180

Ion Ratio Lower Upper

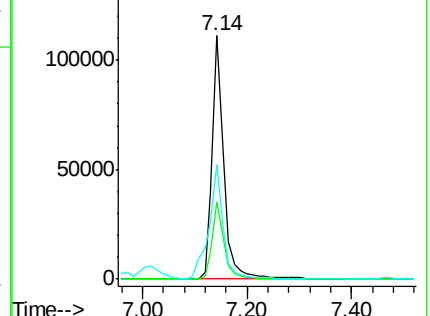
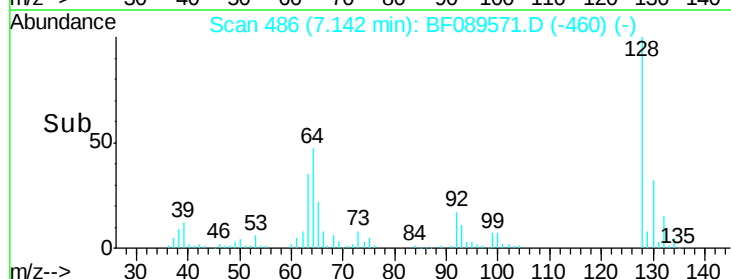
128 100

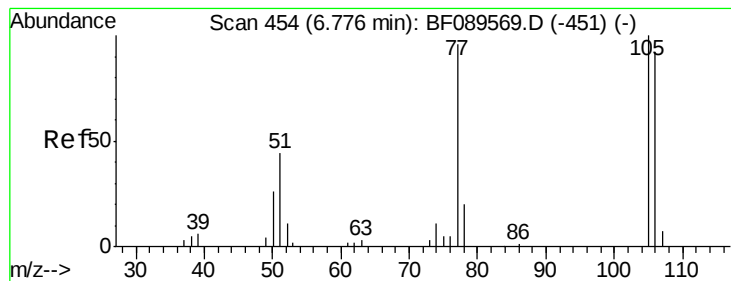
130 31.6 12.4 52.4

64 47.0 24.0 64.0



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





#9

Benzaldehyde

Concen: 57.48 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.00 min

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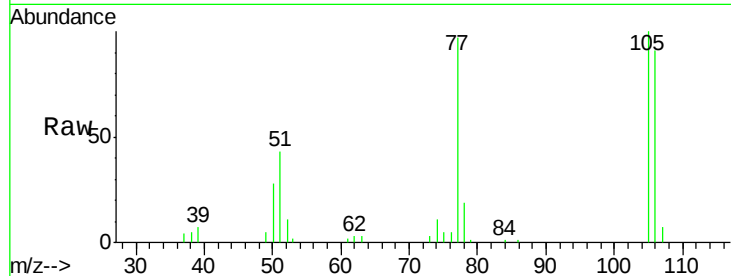
Tot Ion: 77 Resp: 60995

Ion Ratio Lower Upper

77 100

105 103.1 84.0 124.0

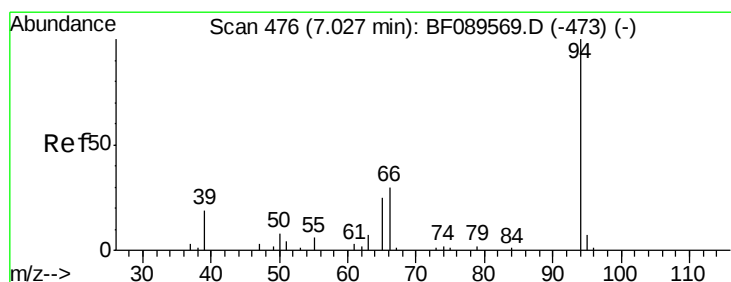
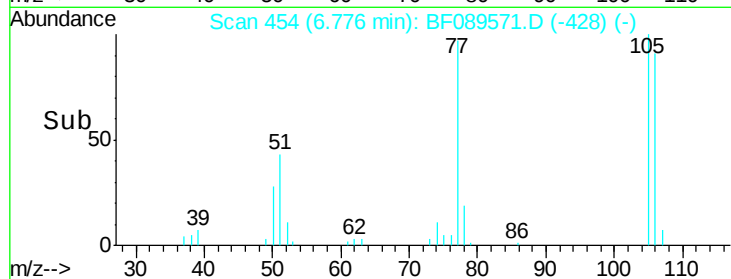
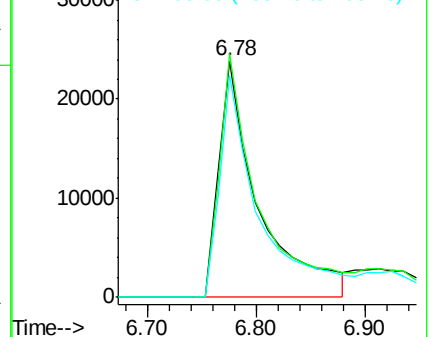
106 94.1 75.3 115.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 66.83 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

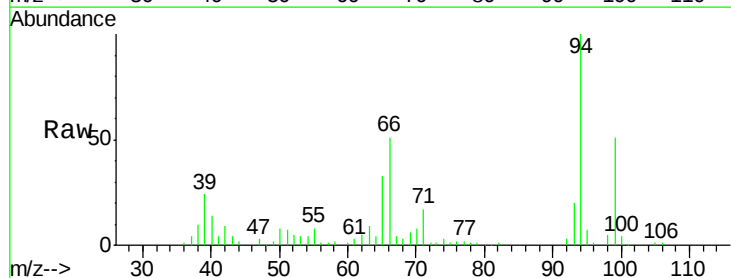
Tgt Ion: 94 Resp: 206134

Ion Ratio Lower Upper

94 100

65 32.8 11.9 51.9

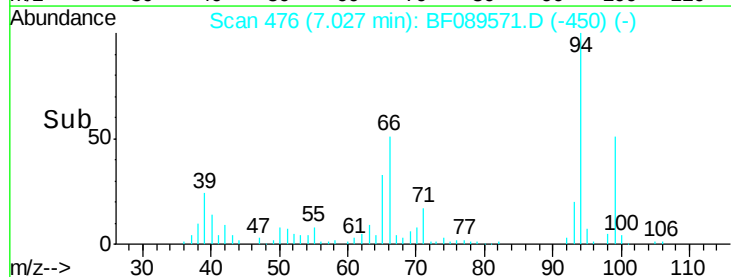
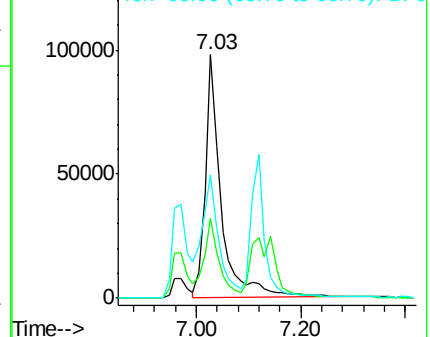
66 50.5 30.9 70.9

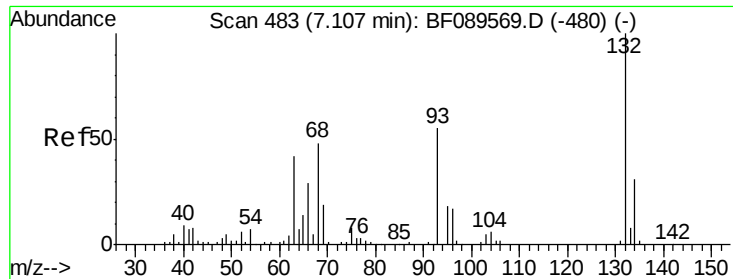


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

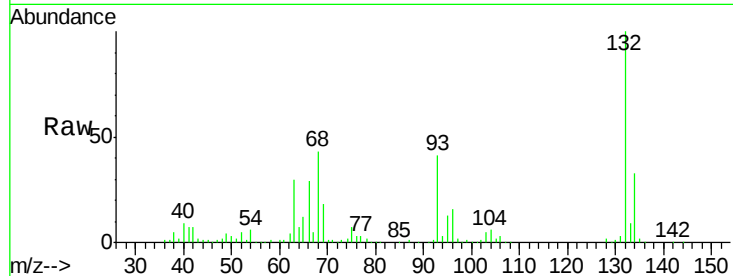




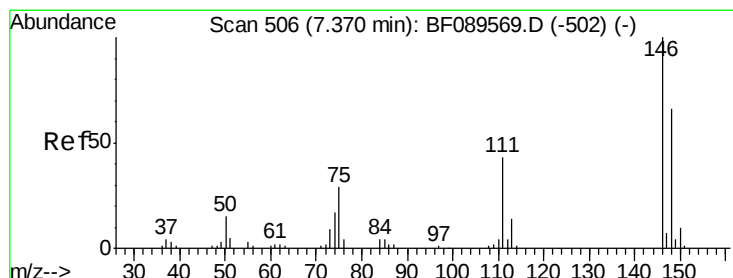
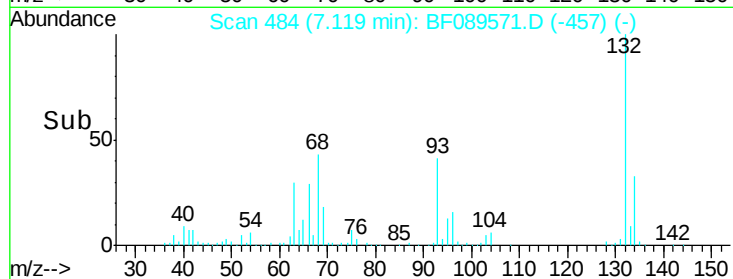
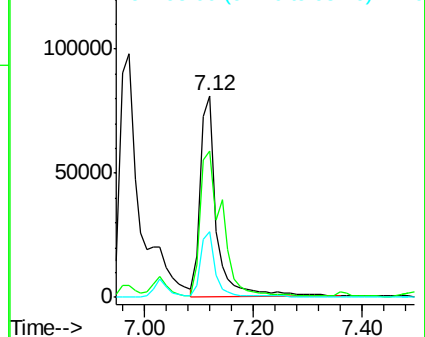
#11
bis(2-Chloroethyl)ether
Concen: 60.64 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 164419
Ion Ratio Lower Upper
93 100
63 72.8 54.0 94.0
95 32.4 12.3 52.3

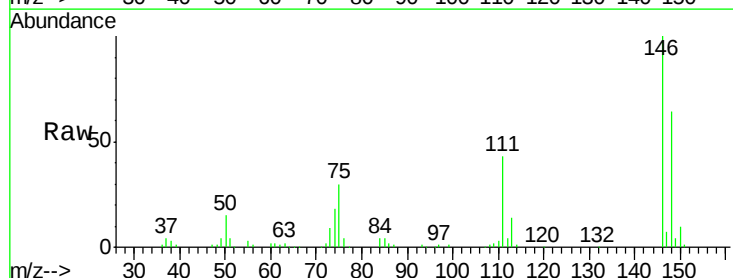


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

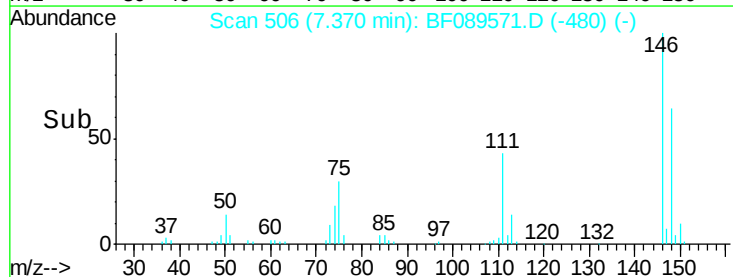
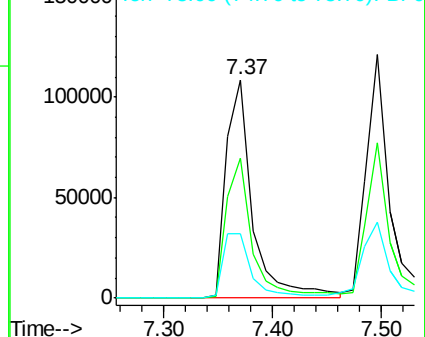


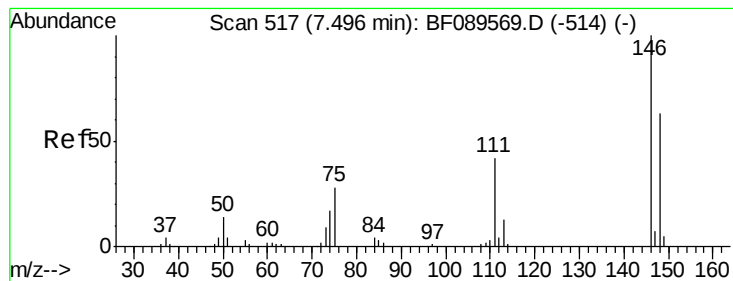
#12
1,3-Dichlorobenzene
Concen: 62.49 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion: 146 Resp: 183297
Ion Ratio Lower Upper
146 100
148 63.9 52.7 79.1
75 29.7 23.3 34.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 63.32 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampleId :

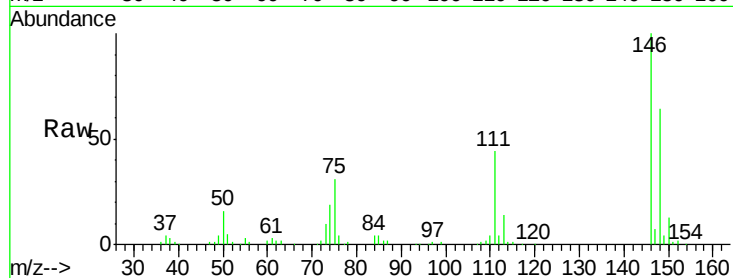
Tot Ion:146 Resp: 185486

Ion Ratio Lower Upper

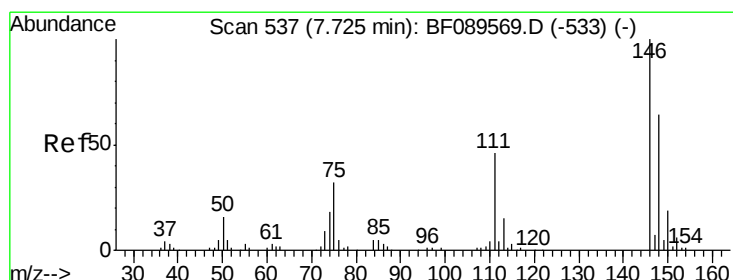
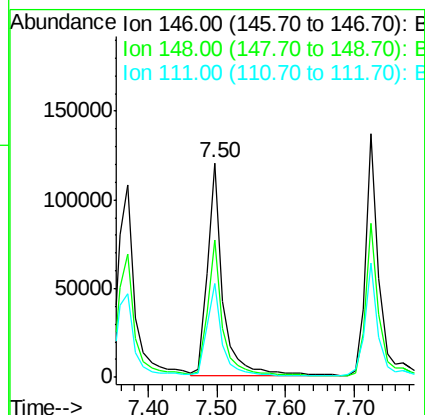
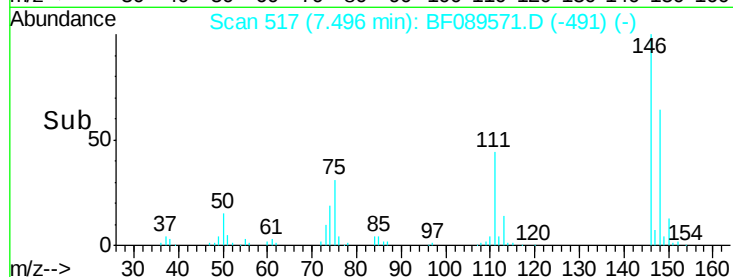
146 100

148 63.7 50.6 76.0

111 44.0 33.7 50.5



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



#14

1,2-Dichlorobenzene

Concen: 61.48 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

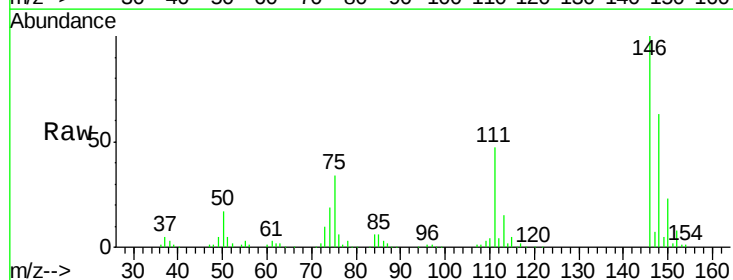
Tgt Ion:146 Resp: 186878

Ion Ratio Lower Upper

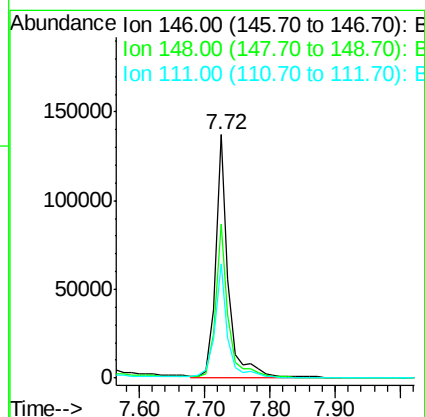
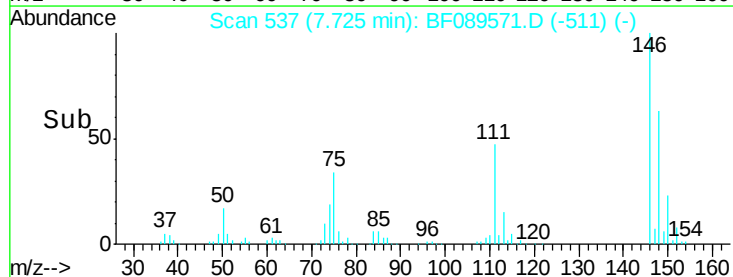
146 100

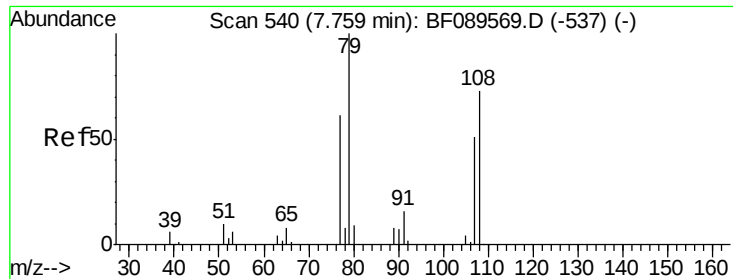
148 63.2 51.4 77.0

111 46.8 36.6 55.0



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

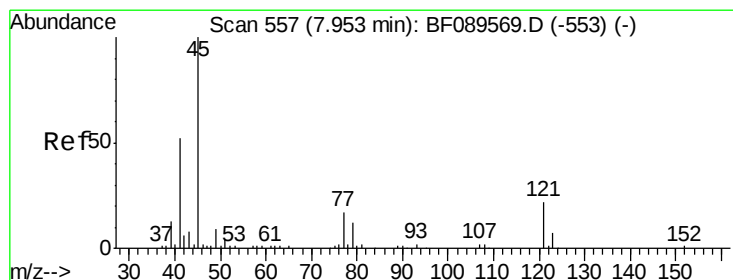
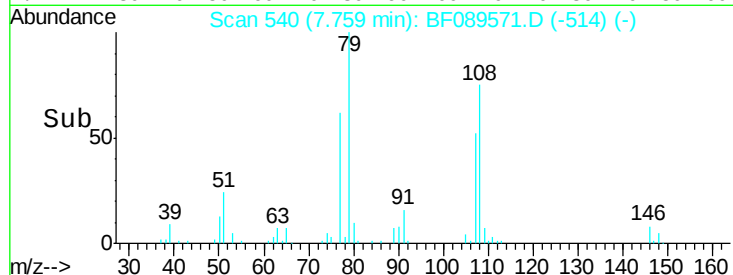
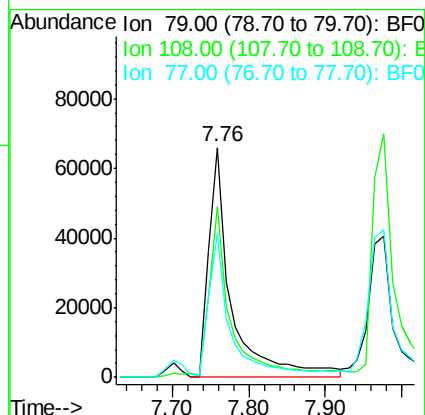
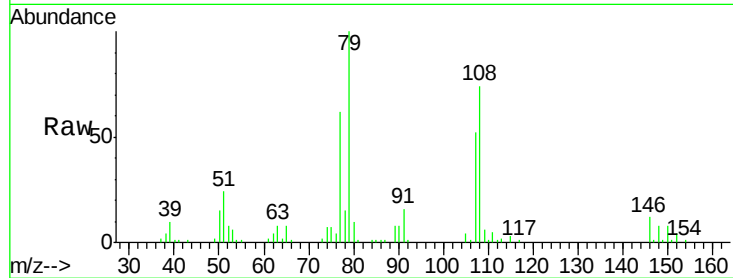




#15
Benzyl Alcohol
Concen: 67.38 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

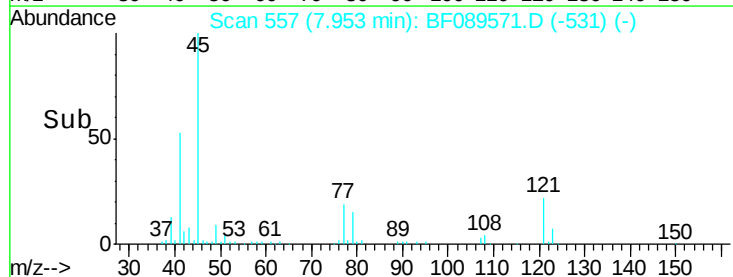
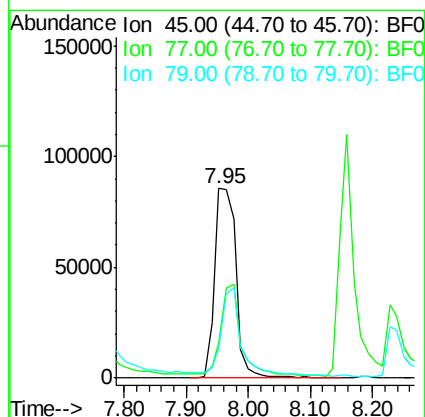
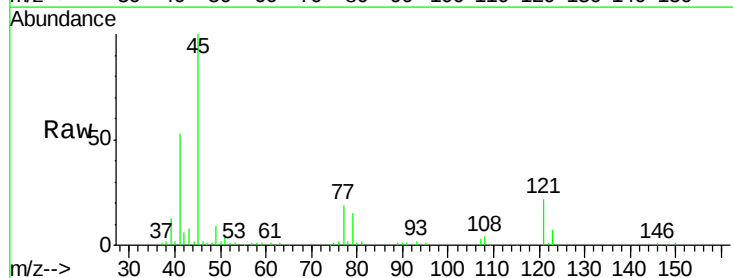
Instrument :
BNA_F
ClientSampled :

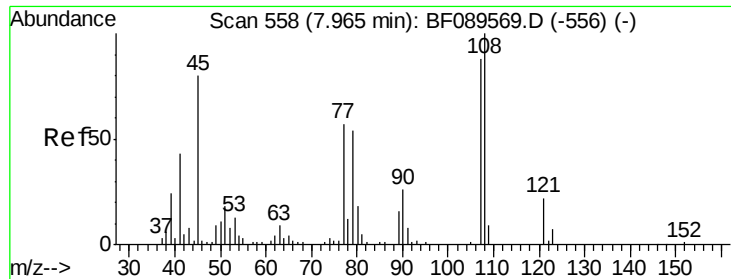
Tot Ion: 79 Resp: 131109
Ion Ratio Lower Upper
79 100
108 74.0 60.6 90.8
77 62.4 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 60.39 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion: 45 Resp: 201951
Ion Ratio Lower Upper
45 100
77 18.6 0.0 38.9
79 15.5 0.0 35.2

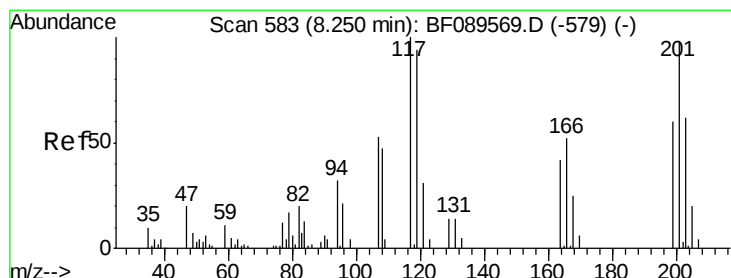
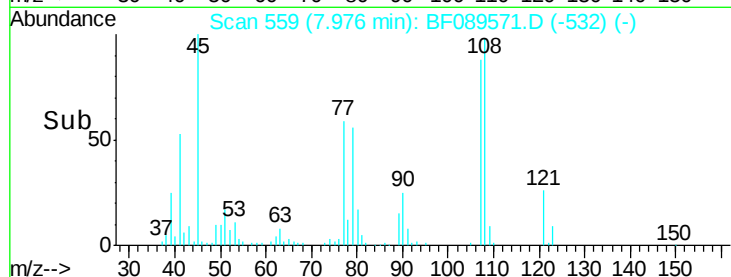
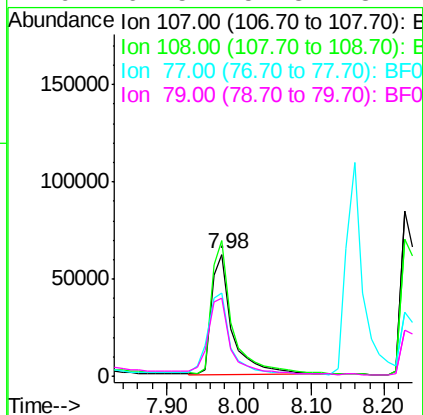
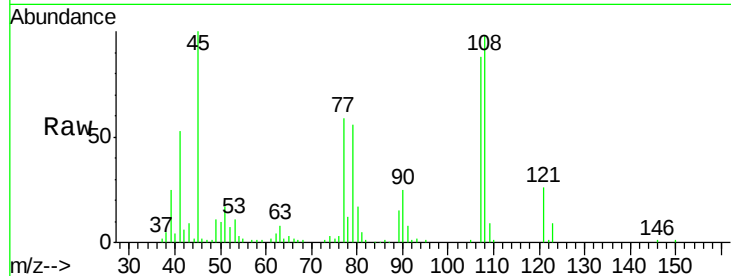




#17
2-Methylphenol
Concen: 63.35 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

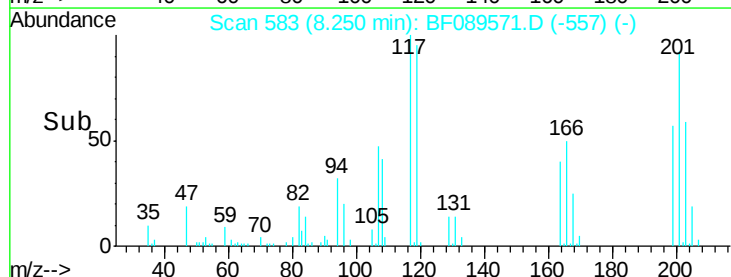
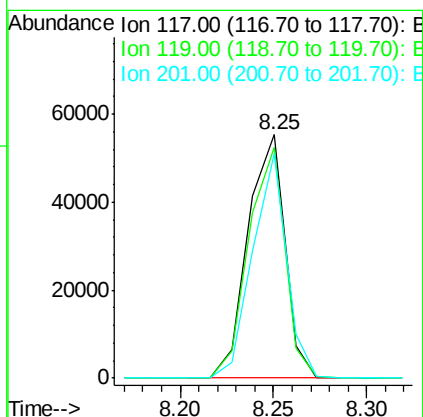
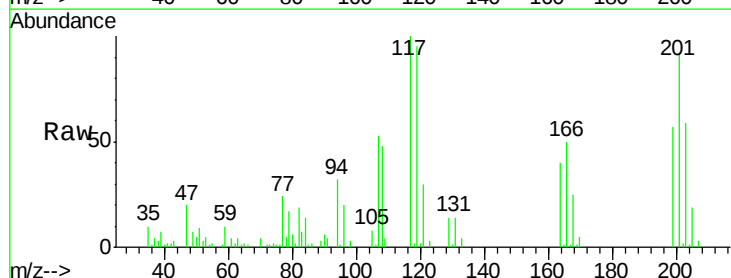
Instrument :
BNA_F
ClientSampled :

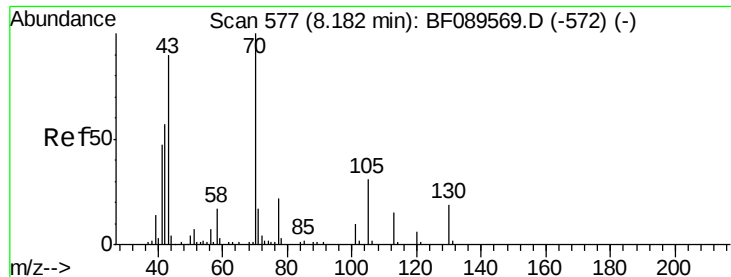
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.3	136.9
77	67.9	58.1	87.1
79	64.5	54.8	82.2



#18
Hexachloroethane
Concen: 61.55 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.5	113.3
201	92.3	78.8	118.2

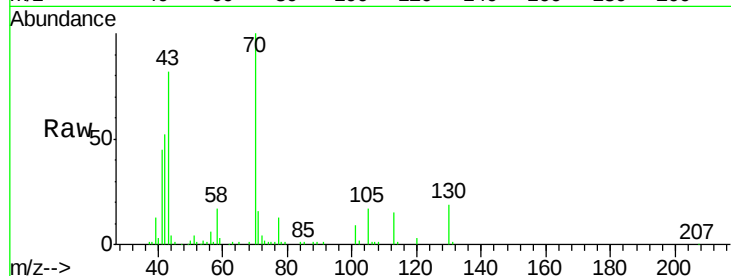




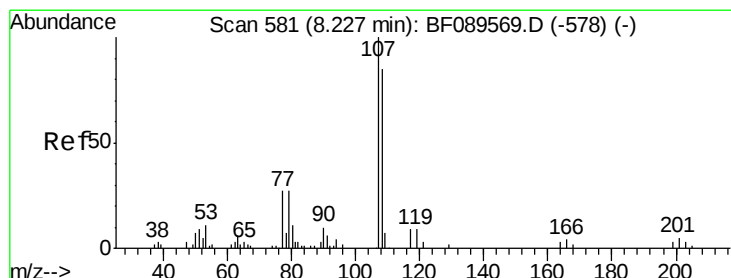
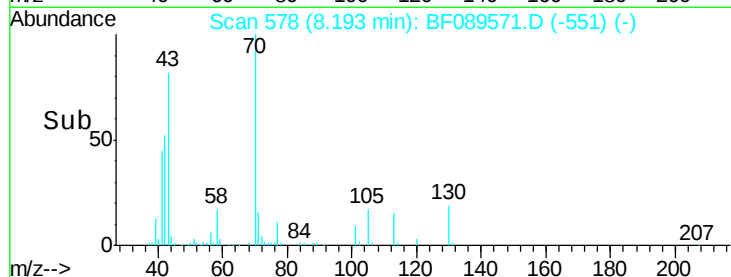
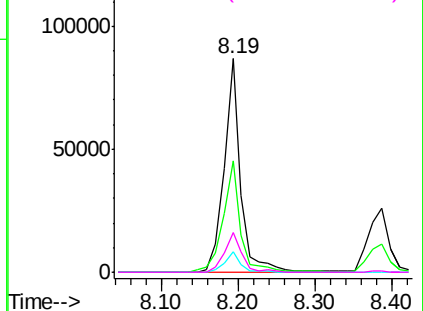
#19
n-Nitroso-di-n-propylamine
Concen: 118.36 ng
RT: 8.19 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 131951
Ion Ratio Lower Upper
70 100
42 52.4 45.5 68.3
101 9.5 7.7 11.5
130 18.9 15.3 22.9

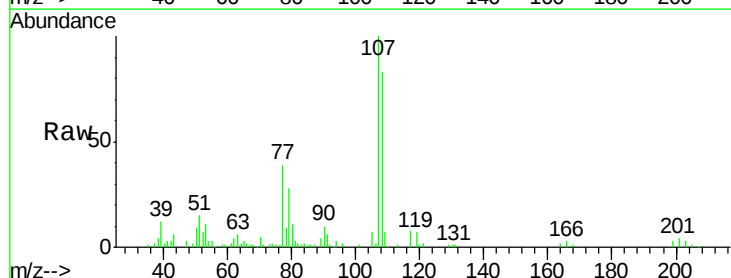


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

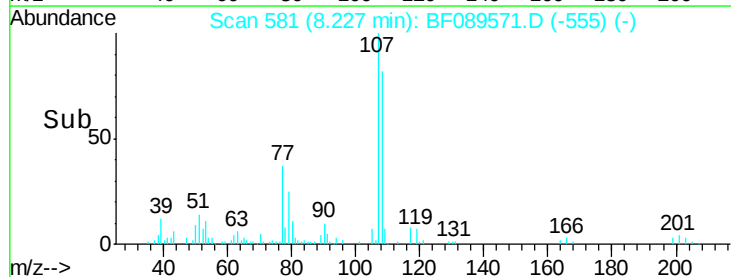
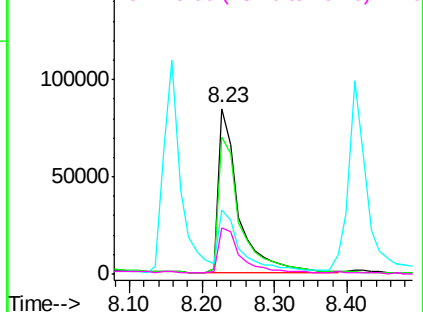


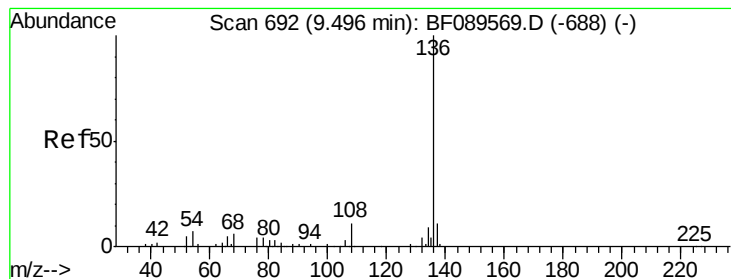
#20
3+4-Methylphenols
Concen: 63.08 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion:107 Resp: 161595
Ion Ratio Lower Upper
107 100
108 82.8 65.6 105.6
77 39.0 20.1 60.1
79 27.5 8.2 48.2



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 160747

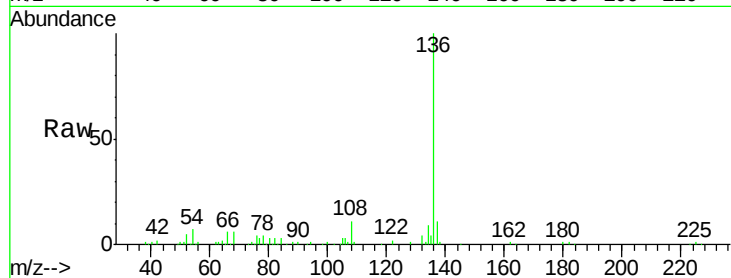
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.4 5.9 8.9

68 5.6 4.5 6.7

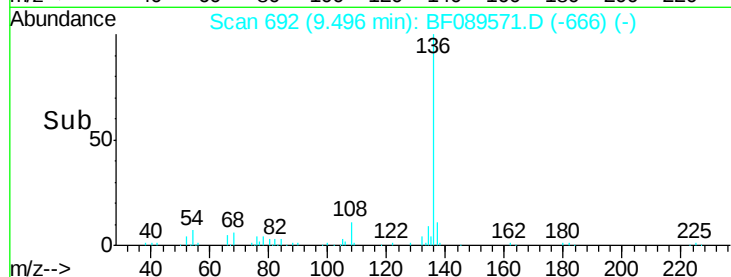


Abundance Ion 136.00 (135.70 to 136.70): E

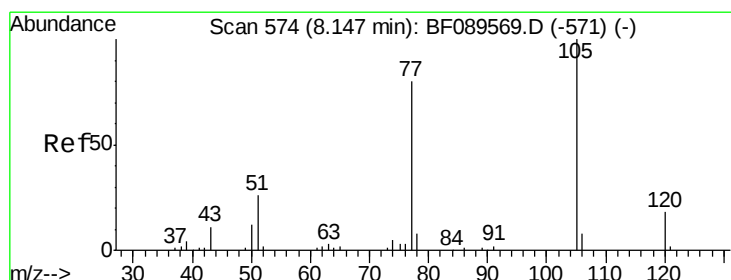
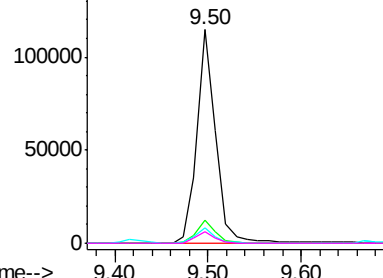
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 68.13 ng

RT: 8.16 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Tgt Ion:105 Resp: 259989

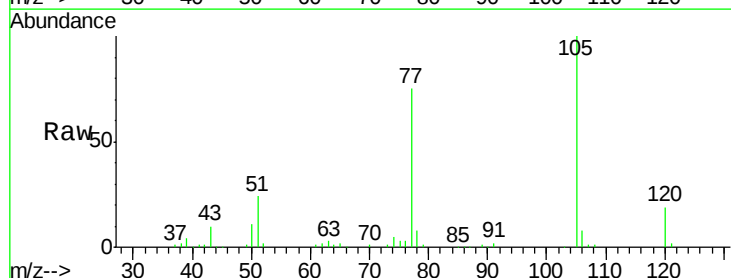
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 23.5 21.1 31.7

120 19.4 14.7 22.1

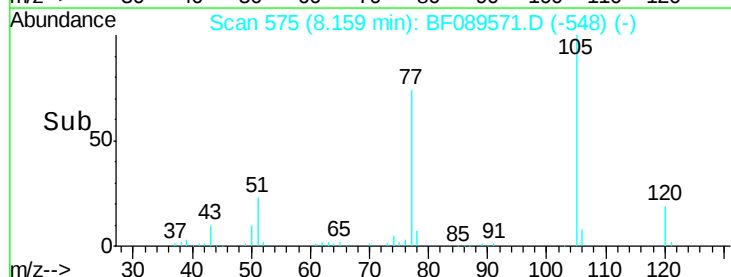


Abundance Ion 105.00 (104.70 to 105.70): E

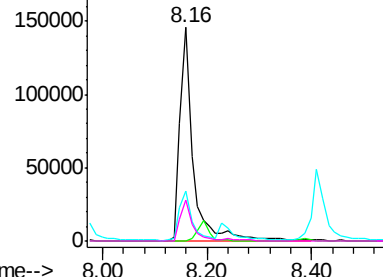
Ion 71.00 (70.70 to 71.70): BF0

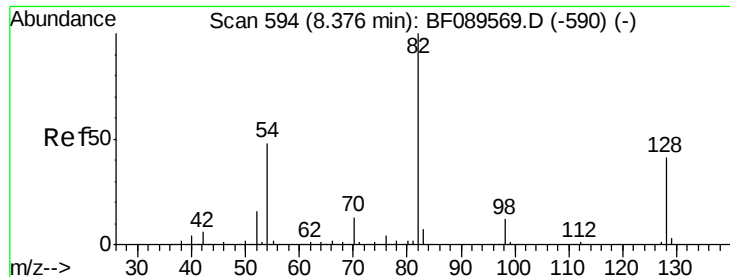
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

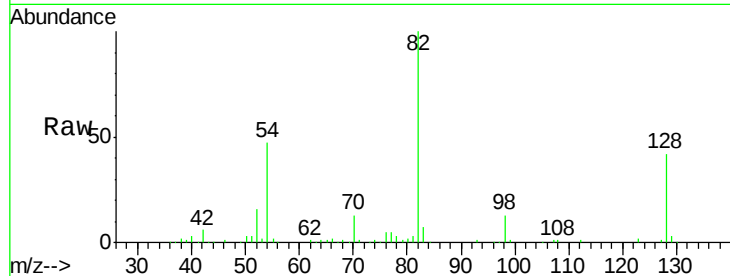




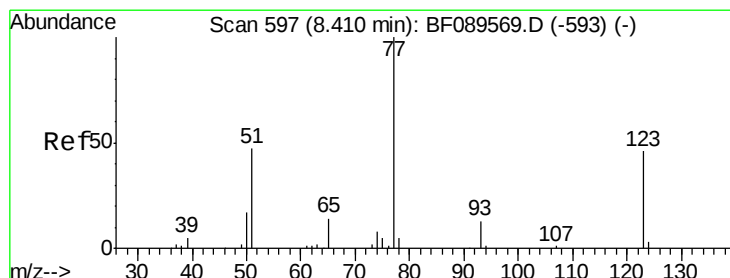
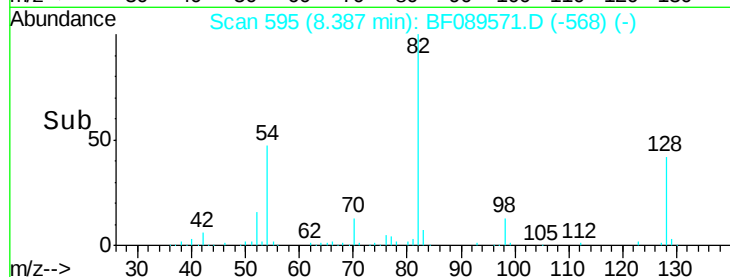
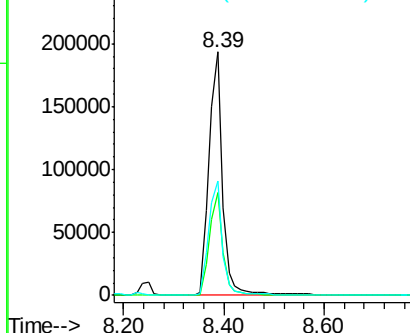
#23
Nitrobenzene-d5
Concen: 126.57 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 367776
Ion Ratio Lower Upper
82 100
128 42.3 32.4 48.6
54 47.0 38.6 58.0

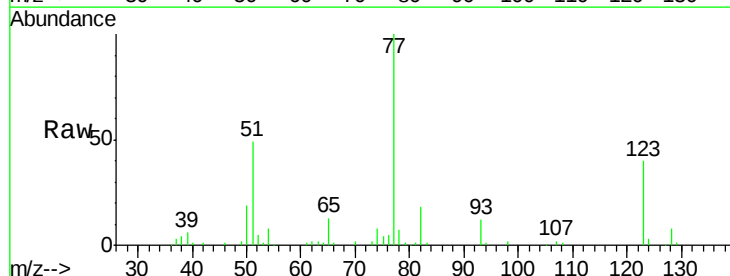


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

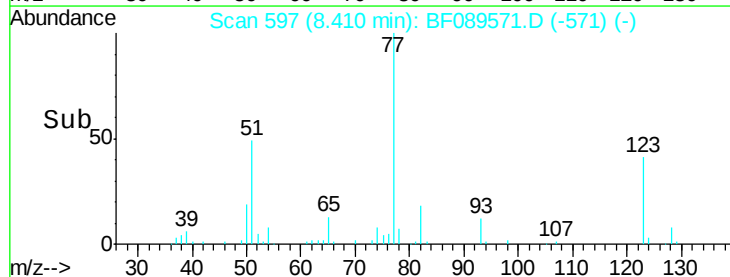
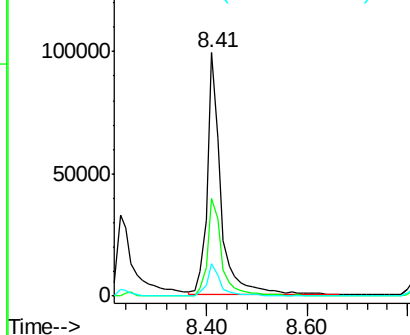


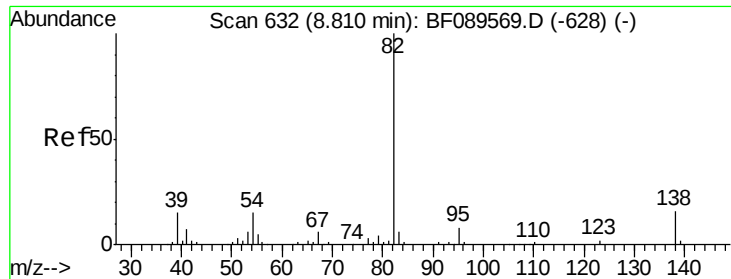
#24
Nitrobenzene
Concen: 59.87 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion: 77 Resp: 180883
Ion Ratio Lower Upper
77 100
123 40.1 36.2 54.2
65 13.3 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 60.81 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampleId :

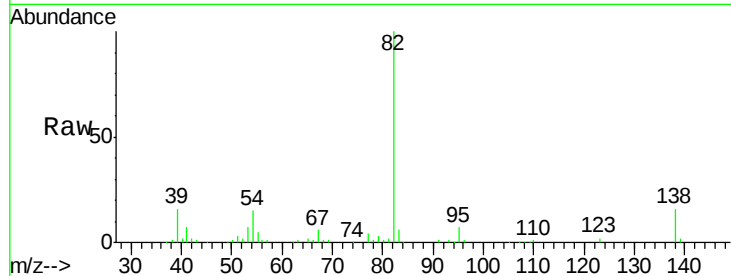
Tot Ion: 82 Resp: 335503

Ion Ratio Lower Upper

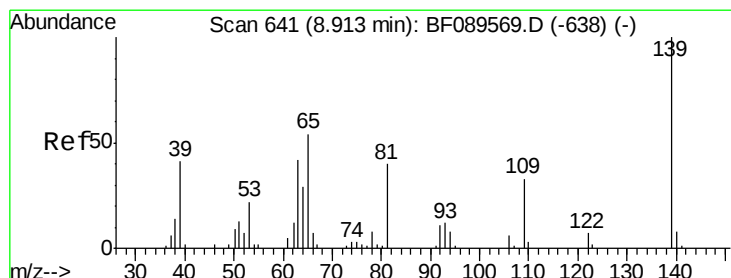
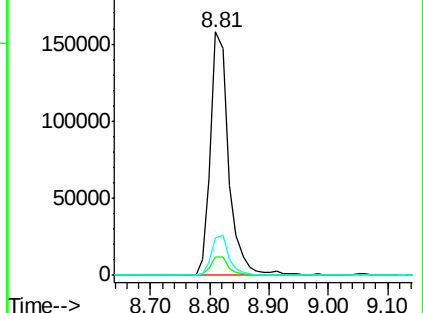
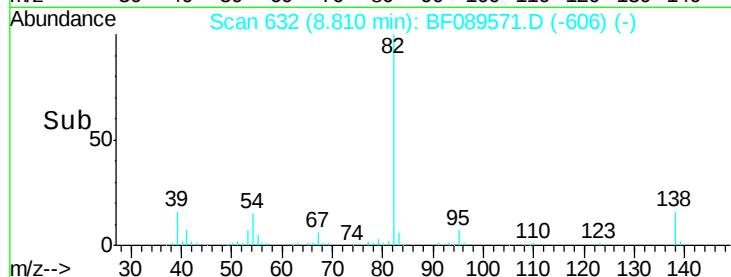
82 100

95 7.3 6.1 9.1

138 15.5 13.0 19.4



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: 63.59 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

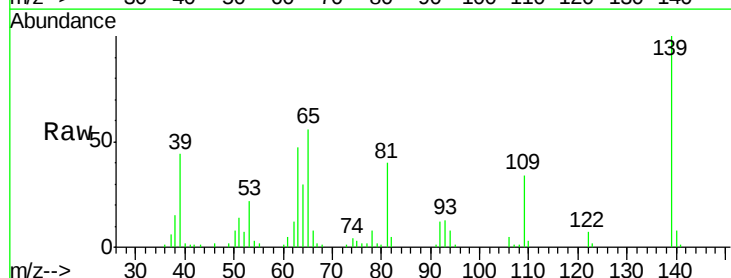
Tgt Ion: 139 Resp: 80099

Ion Ratio Lower Upper

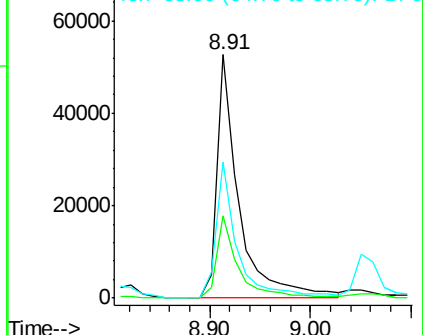
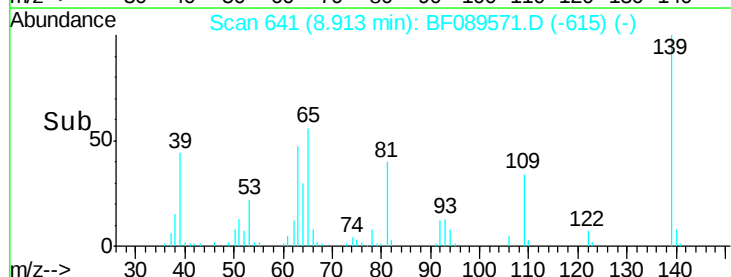
139 100

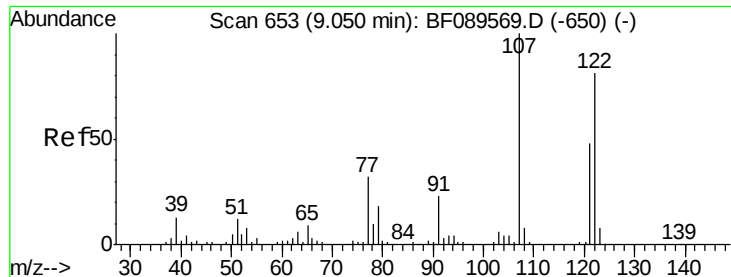
109 33.9 26.7 40.1

65 56.0 43.3 64.9



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





#27

2,4-Dimethylphenol

Concen: 64.63 ng

RT: 9.06 min Scan# 654

Delta R.T. 0.01 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampleId :

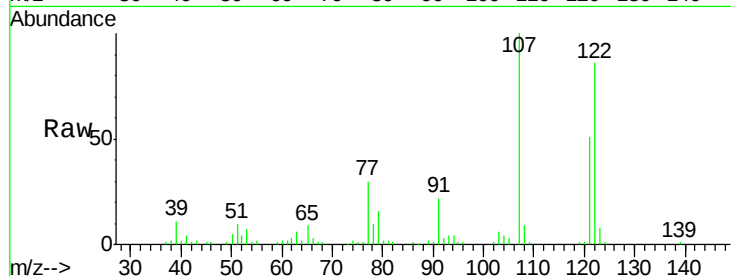
Tot Ion:122 Resp: 145872

Ion Ratio Lower Upper

122 100

107 116.9 99.3 148.9

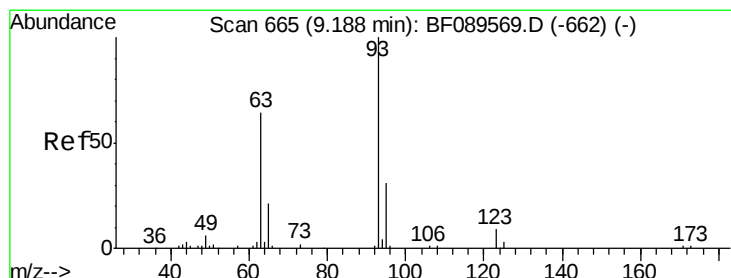
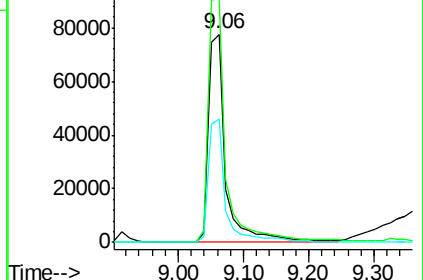
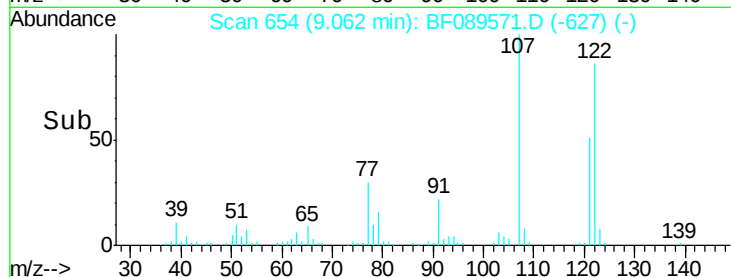
121 59.3 47.8 71.8



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: 64.04 ng

RT: 9.20 min Scan# 666

Delta R.T. 0.01 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

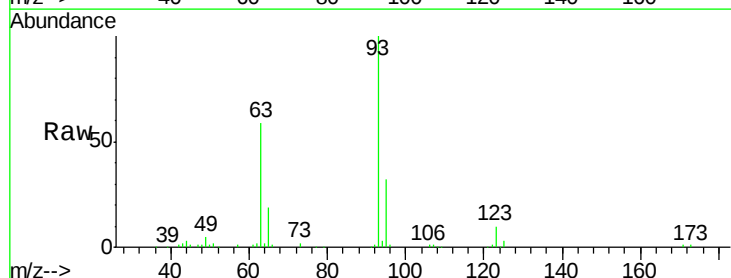
Tgt Ion: 93 Resp: 211647

Ion Ratio Lower Upper

93 100

95 31.8 25.0 37.6

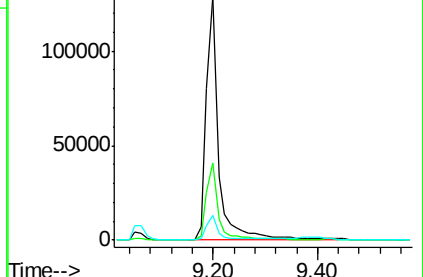
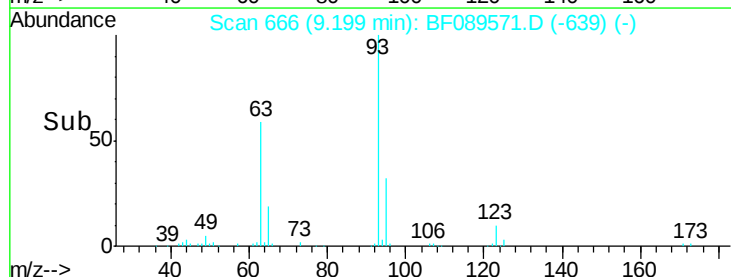
123 10.0 7.4 11.2

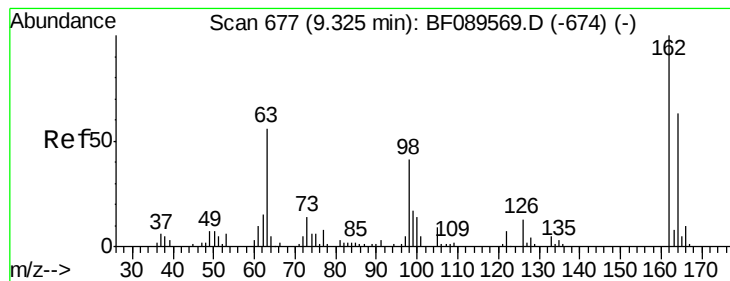


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 62.41 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampled :

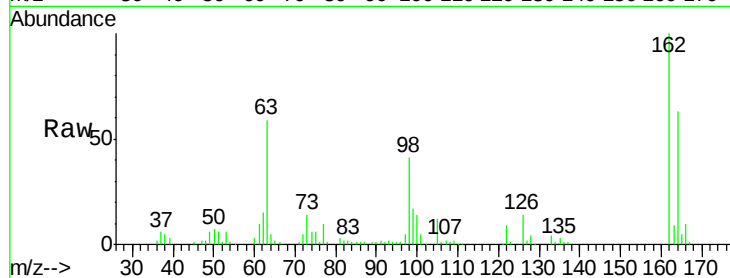
Tot Ion:162 Resp: 132522

Ion Ratio Lower Upper

162 100

164 62.6 43.1 83.1

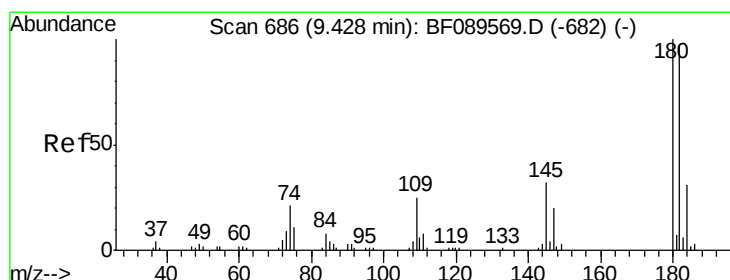
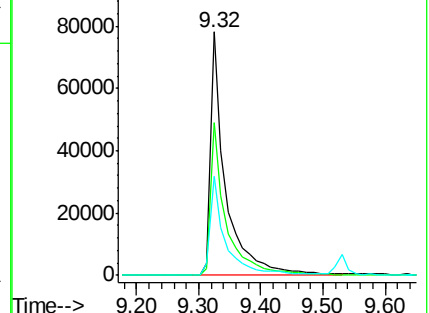
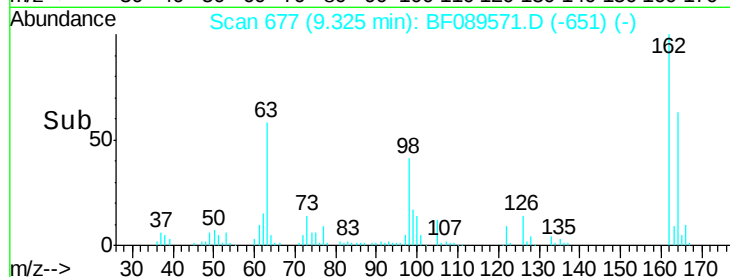
98 40.9 20.7 60.7



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: 62.07 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

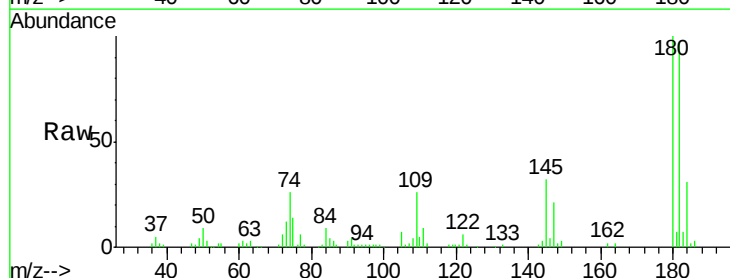
Tgt Ion:180 Resp: 150639

Ion Ratio Lower Upper

180 100

182 96.8 77.2 115.8

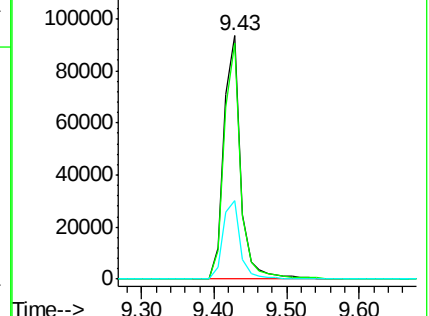
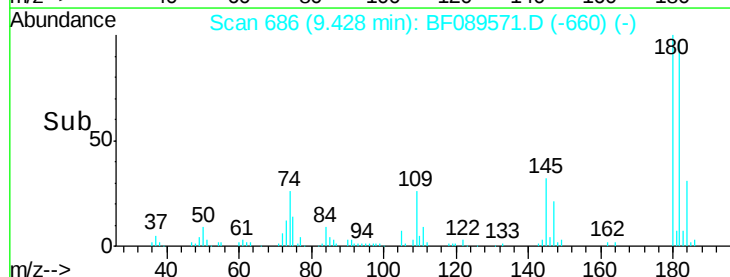
145 32.3 25.3 37.9

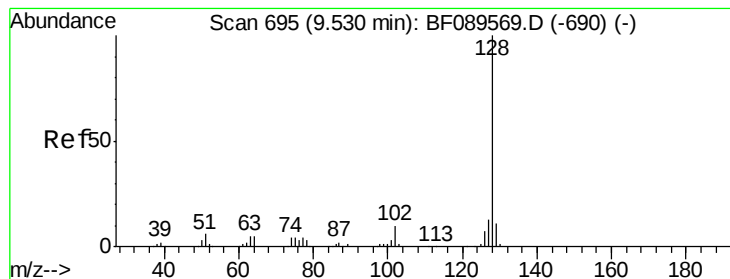


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 60.50 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampled :

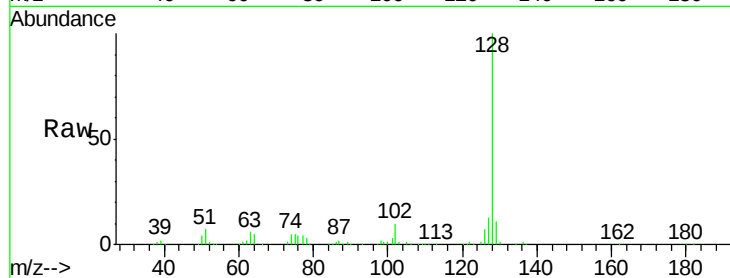
Tot Ion:128 Resp: 517060

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

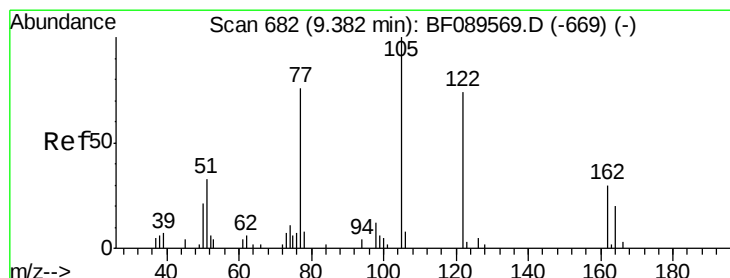
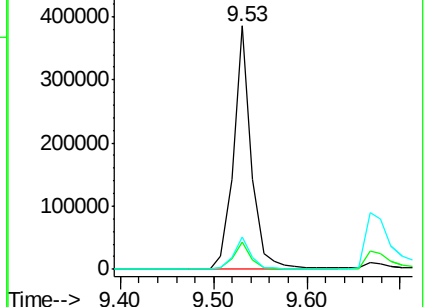
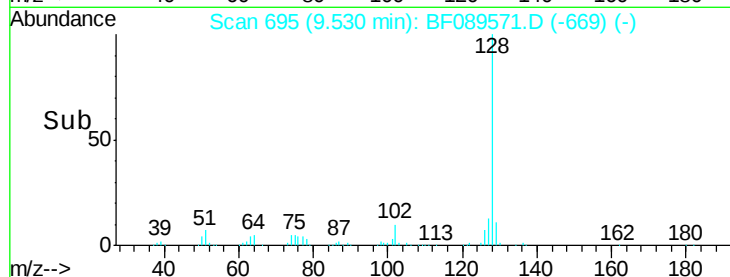
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 62.90 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.02 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

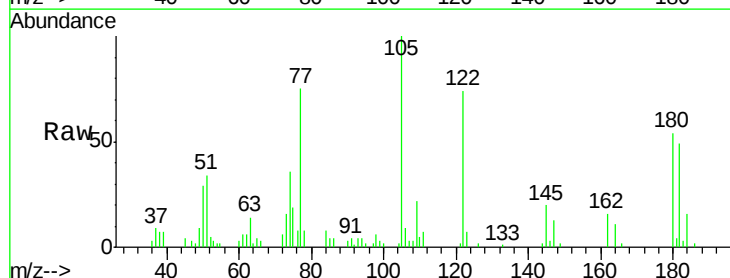
Tgt Ion:122 Resp: 94294

Ion Ratio Lower Upper

122 100

105 135.5 109.8 149.8

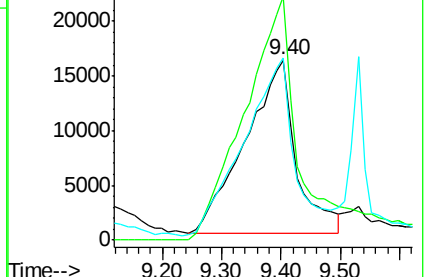
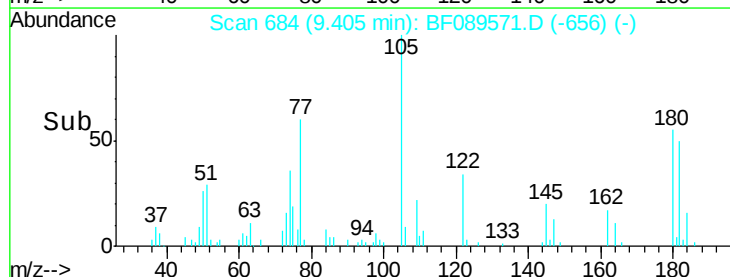
77 101.1 81.8 121.8

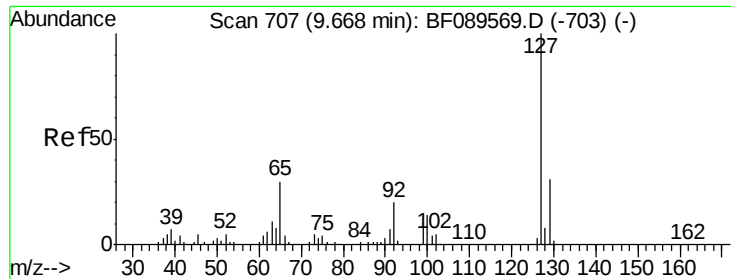


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

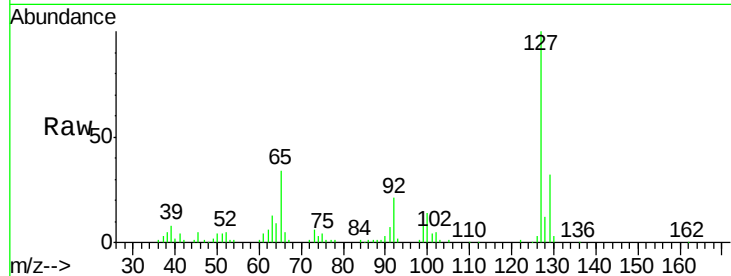




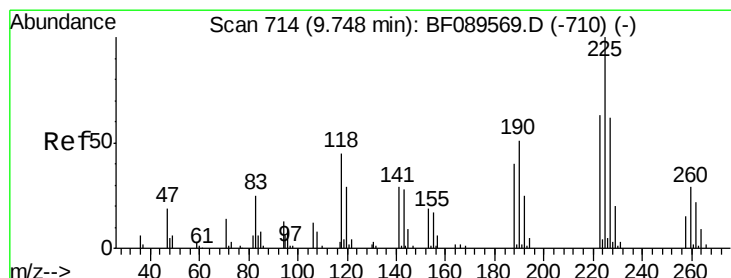
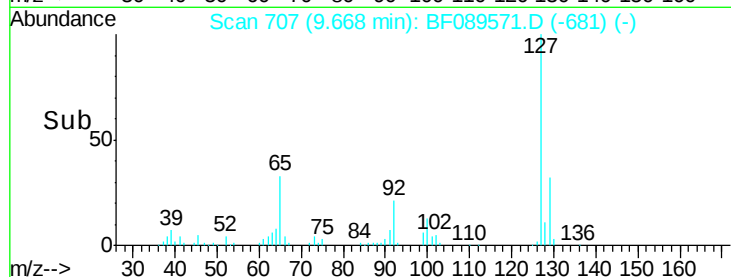
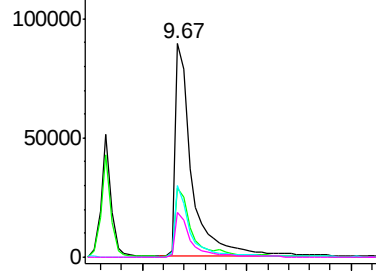
#33
4-Chloroaniline
Concen: 60.57 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	199964
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.0	37.4
65	33.8	24.3	36.5
92	20.8	16.2	24.4

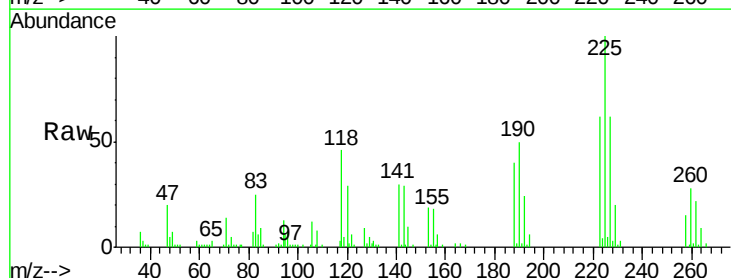


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

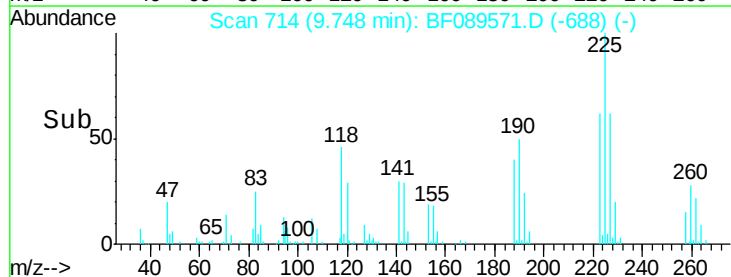
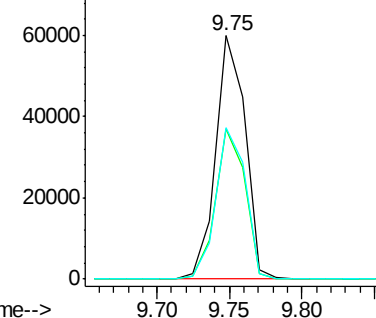


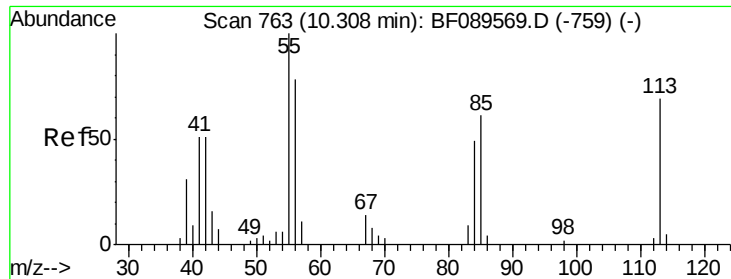
#34
Hexachlorobutadiene
Concen: 59.97 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion:	225	Resp:	84433
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.3	75.5
227	62.1	49.6	74.4



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

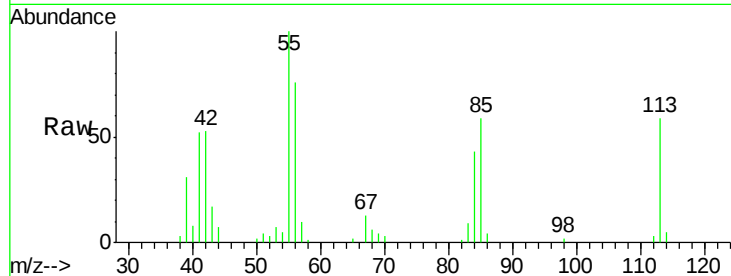




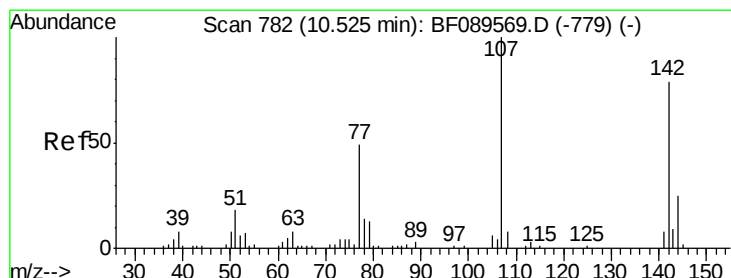
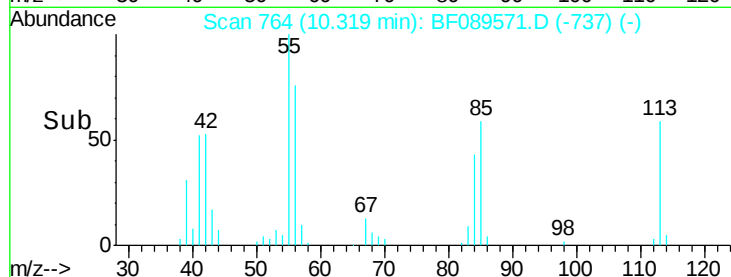
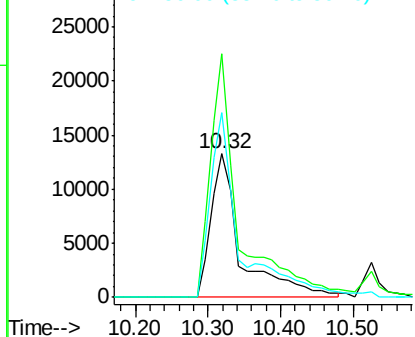
#35
Caprolactam
Concen: 61.48 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 38399
Ion Ratio Lower Upper
113 100
55 169.5 124.4 164.4#
56 129.0 92.2 132.2

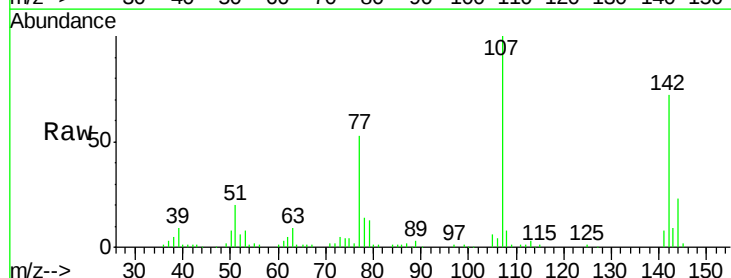


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

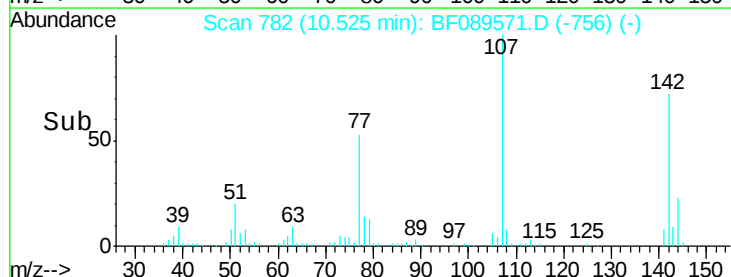
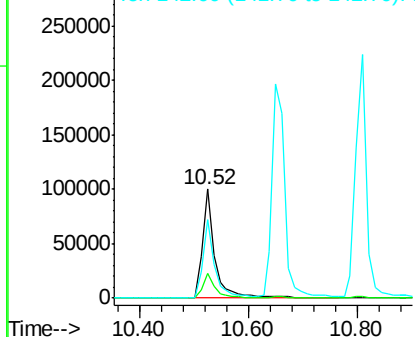


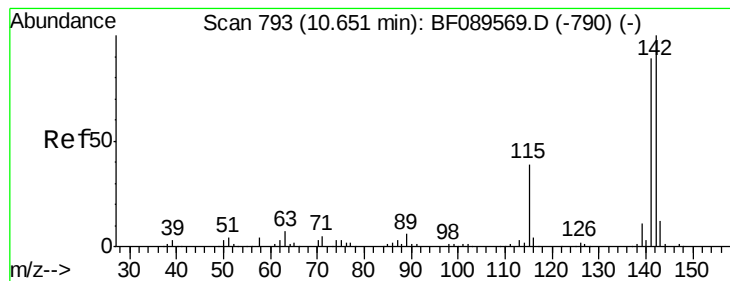
#36
4-Chloro-3-methylphenol
Concen: 63.83 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion:107 Resp: 158857
Ion Ratio Lower Upper
107 100
144 23.2 19.9 29.9
142 72.1 63.0 94.6



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: 59.80 ng

RT: 10.65 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampled :

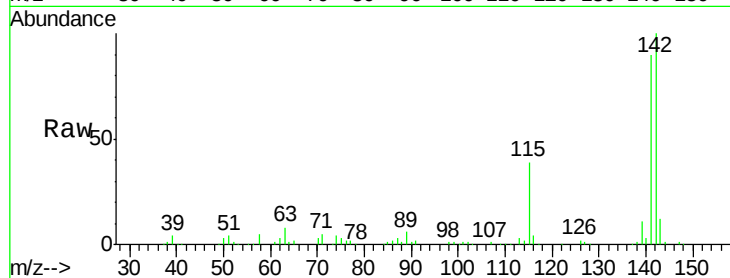
Tot Ion:142 Resp: 312424

Ion Ratio Lower Upper

142 100

141 89.7 70.9 106.3

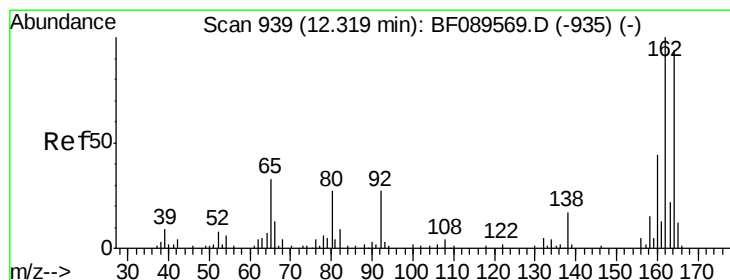
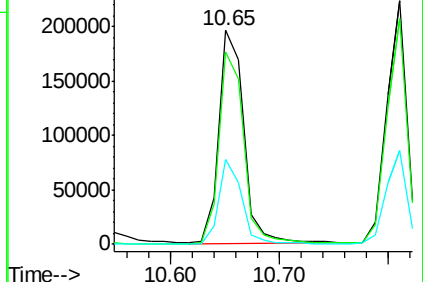
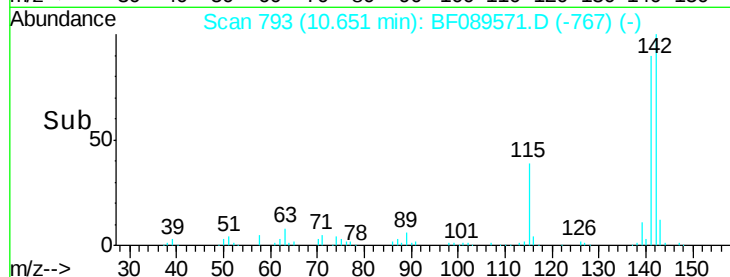
115 39.4 30.7 46.1



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: 12.32 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

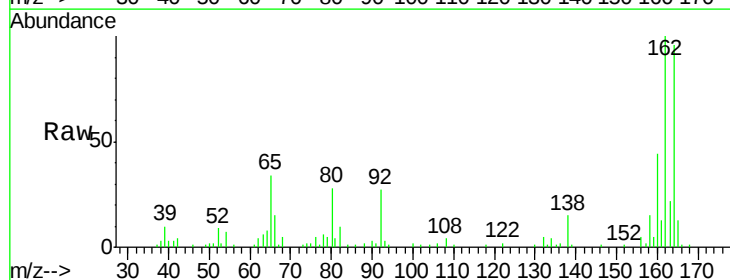
Tgt Ion:164 Resp: 73697

Ion Ratio Lower Upper

164 100

162 103.9 85.4 128.2

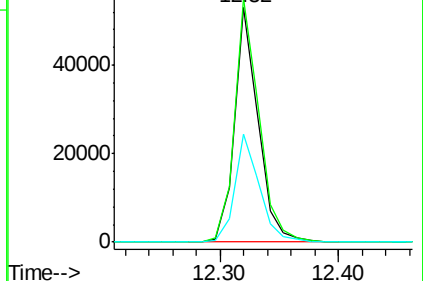
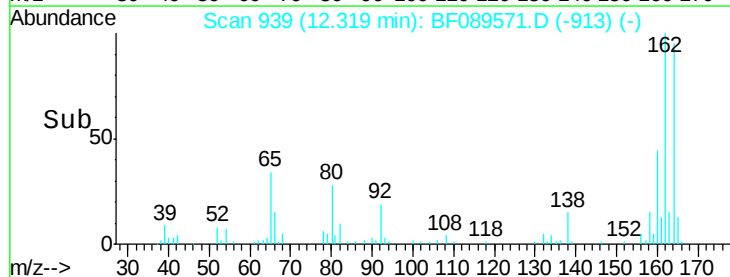
160 46.1 37.3 55.9

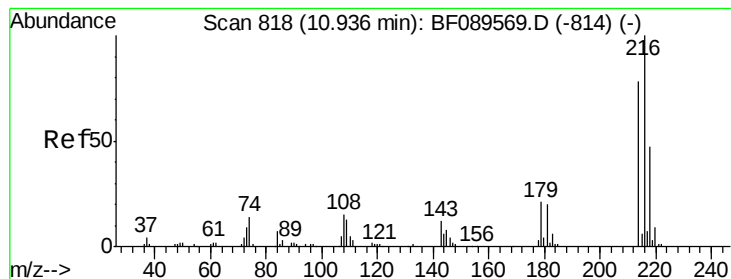


Abundance Ion 164.00 (163.70 to 164.70): E

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: 62.83 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 174494

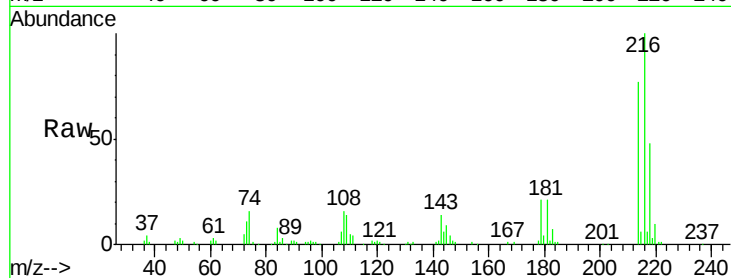
Ion Ratio Lower Upper

216 100

214 77.9 62.5 93.7

179 21.9 18.0 27.0

108 20.2 16.2 24.4

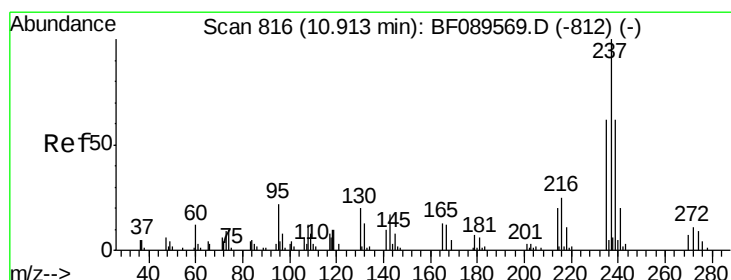
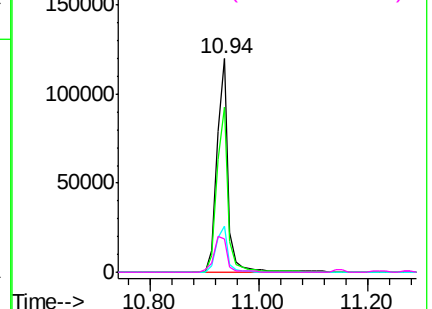
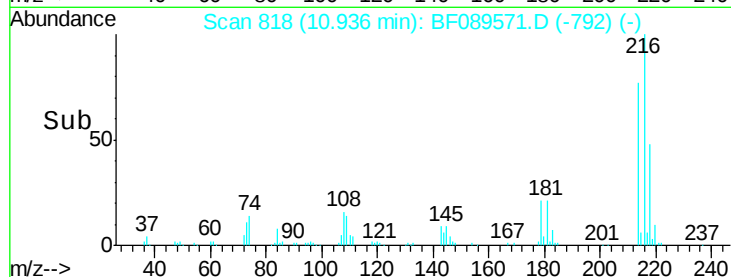


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.60 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

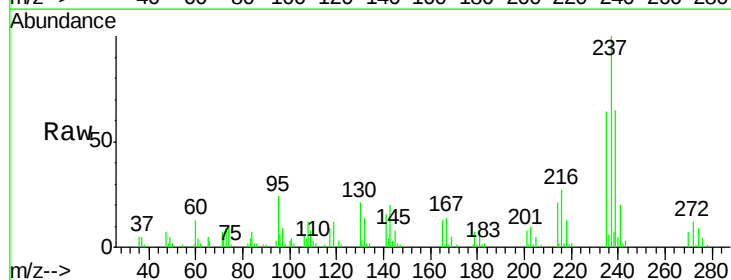
Tgt Ion:237 Resp: 56250

Ion Ratio Lower Upper

237 100

235 63.9 41.5 81.5

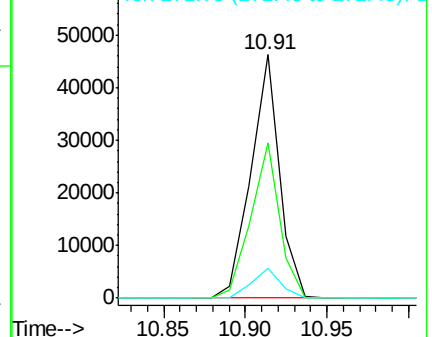
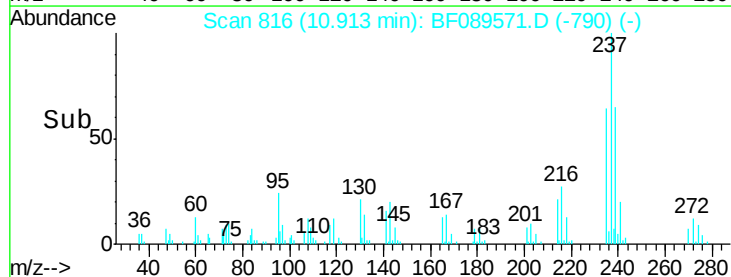
272 12.4 0.0 31.4

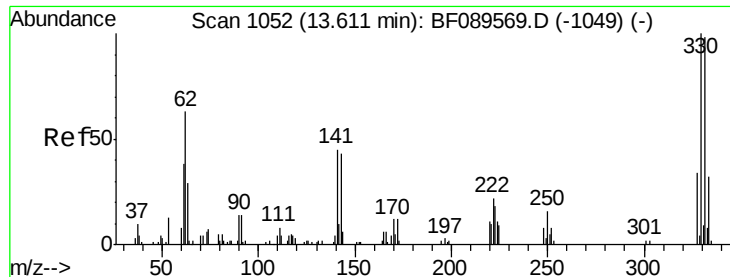


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

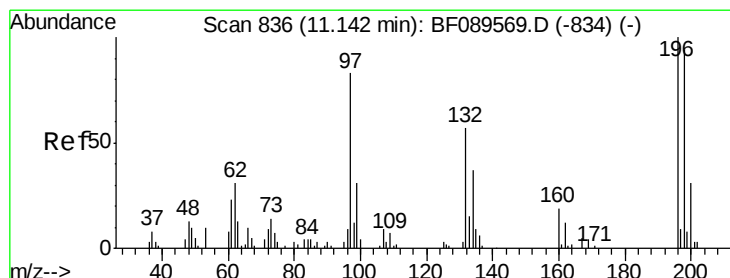
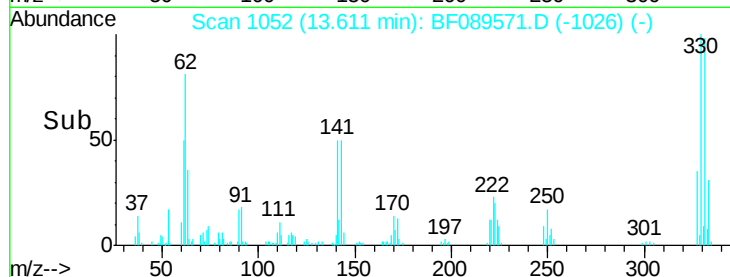
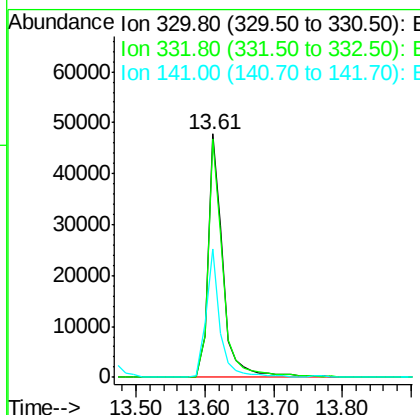
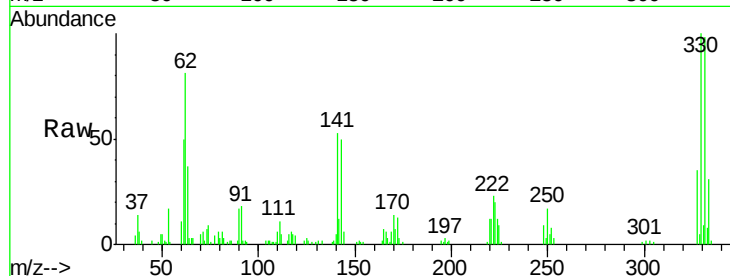




#41
 2,4,6-Tribromophenol
 Concen: 122.19 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

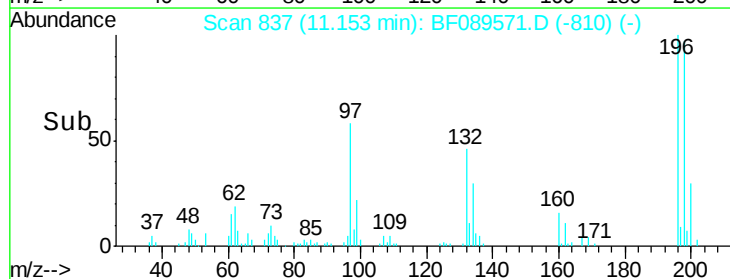
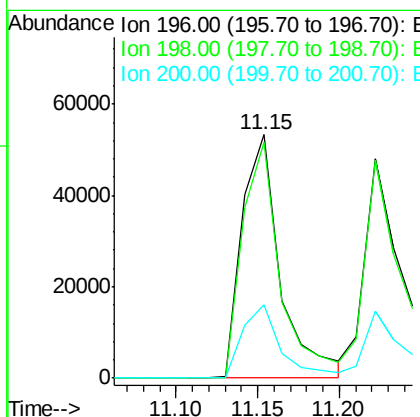
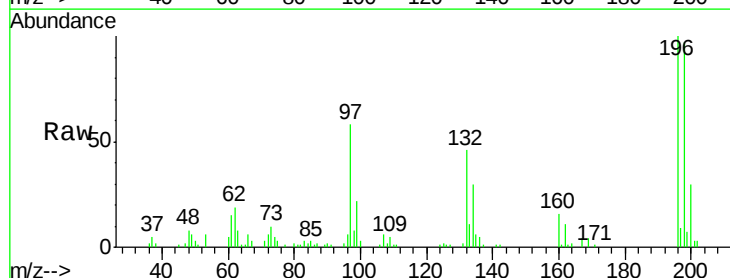
Instrument :
 BNA_F
 ClientSampleId :

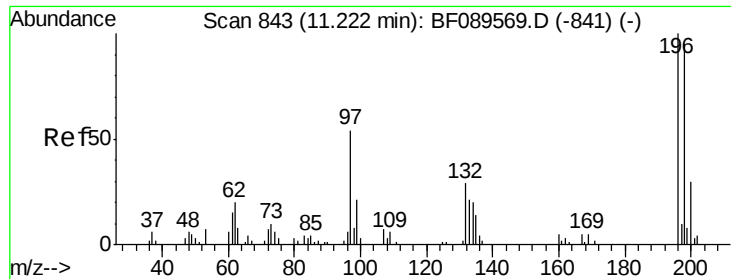
Tot Ion:330 Resp: 71529
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.7 115.1
 141 50.3 40.3 60.5



#42
 2,4,6-Trichlorophenol
 Concen: 64.11 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.01 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Tgt Ion:196 Resp: 87032
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.5 113.3
 200 30.2 24.9 37.3

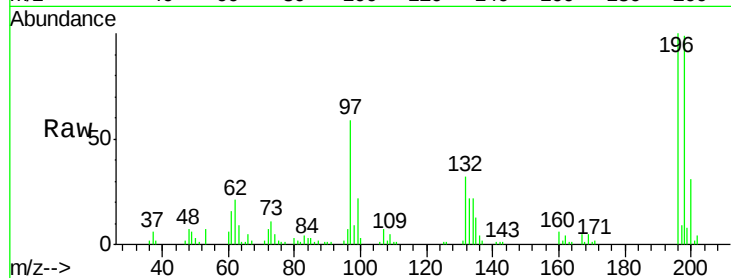




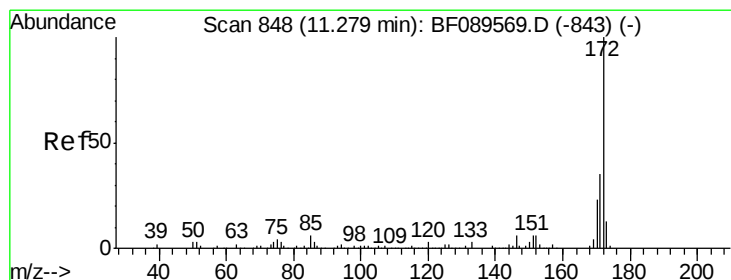
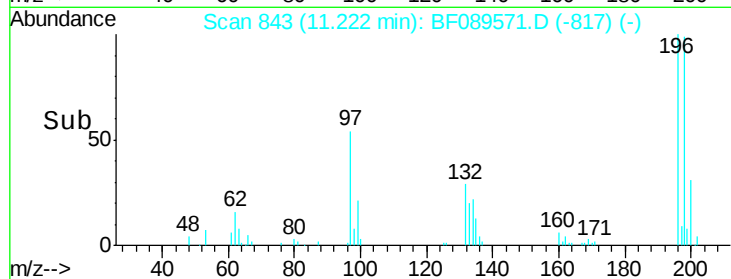
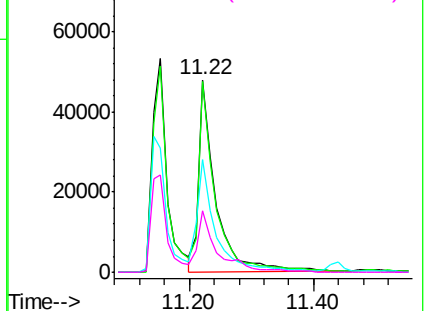
#43
 2,4,5-Trichlorophenol
 Concen: 62.20 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 90283
 Ion Ratio Lower Upper
 196 100
 198 99.1 75.9 113.9
 97 58.8 43.9 65.9
 132 31.9 24.5 36.7

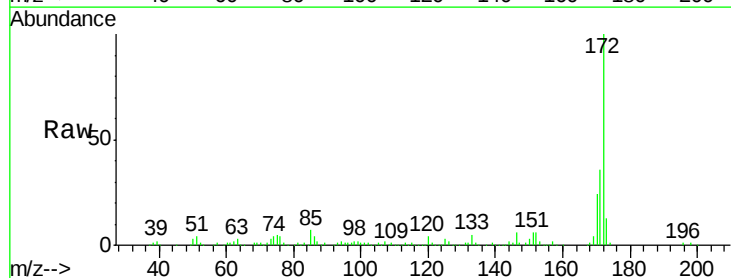


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

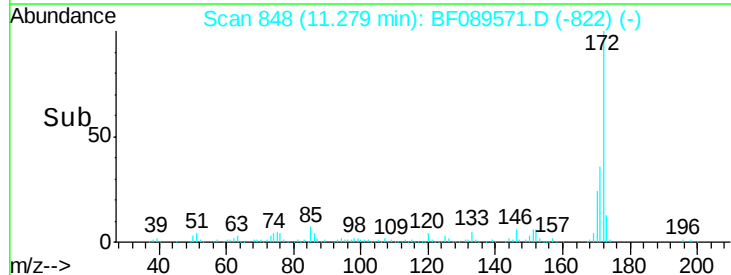
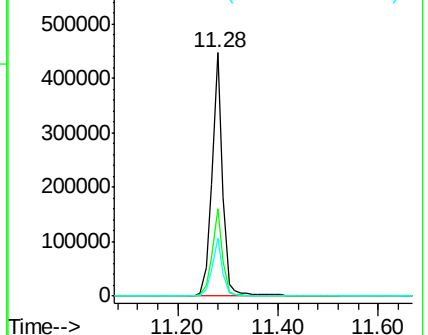


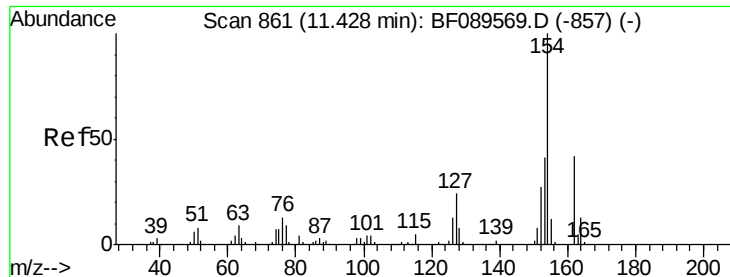
#44
 2-Fluorobiphenyl
 Concen: 116.89 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Tgt Ion:172 Resp: 663276
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.1 42.1
 170 23.6 18.6 28.0



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

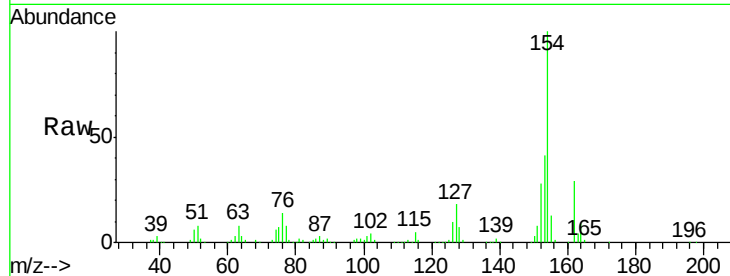




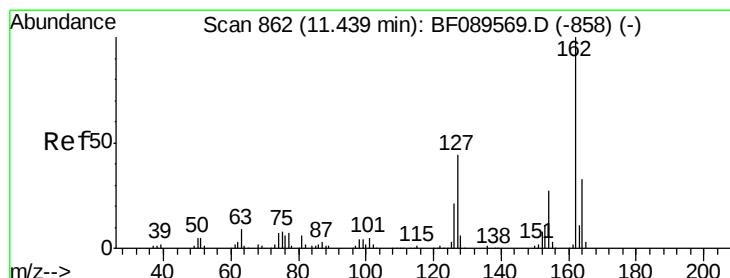
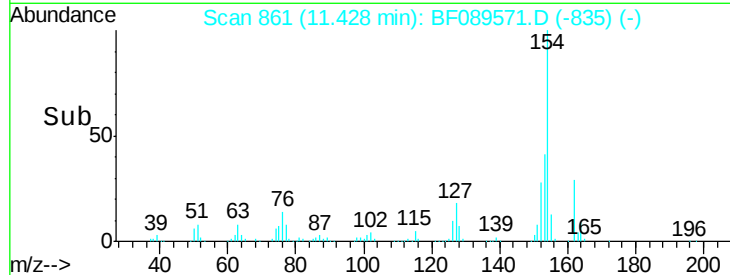
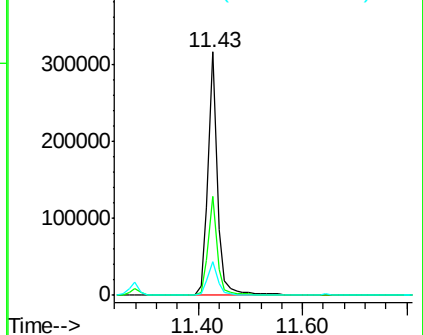
#45
 1,1'-Biphenyl
 Concen: 60.32 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 401456
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 13.9 0.0 33.3

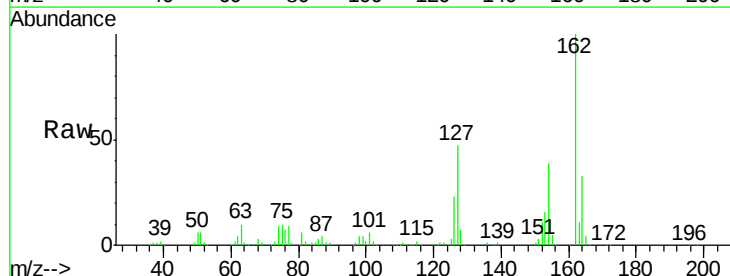


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

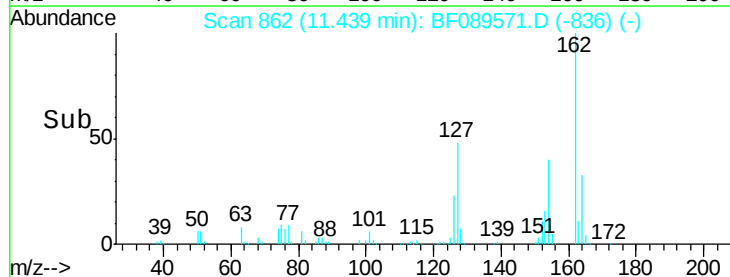
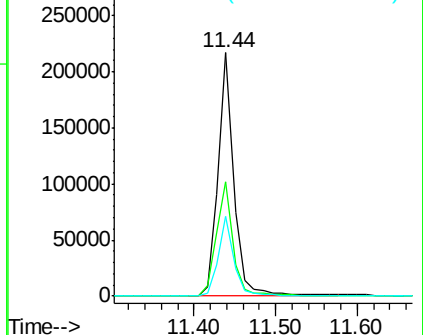


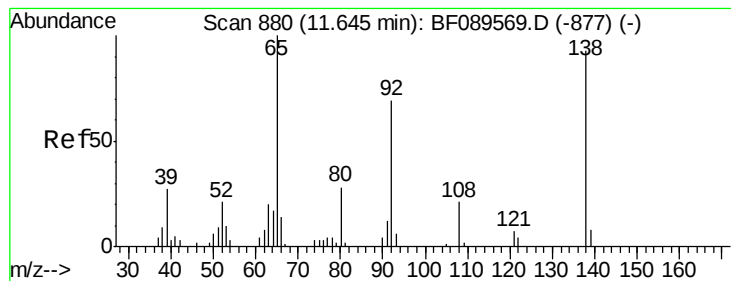
#46
 2-Chloronaphthalene
 Concen: 59.10 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Tgt Ion:162 Resp: 294696
 Ion Ratio Lower Upper
 162 100
 127 46.8 35.0 52.4
 164 32.5 26.2 39.2



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: 61.26 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampleId :

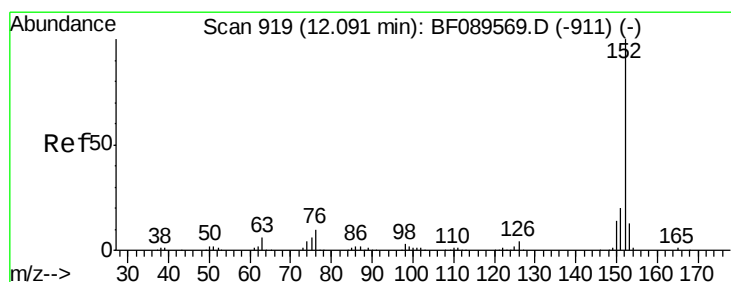
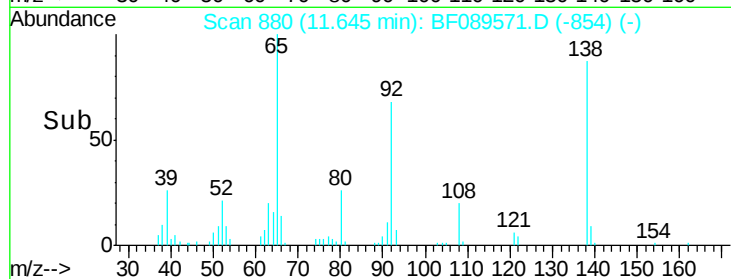
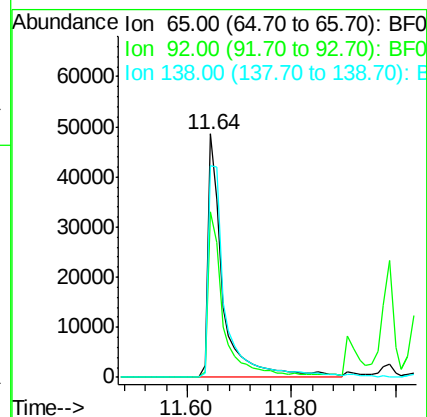
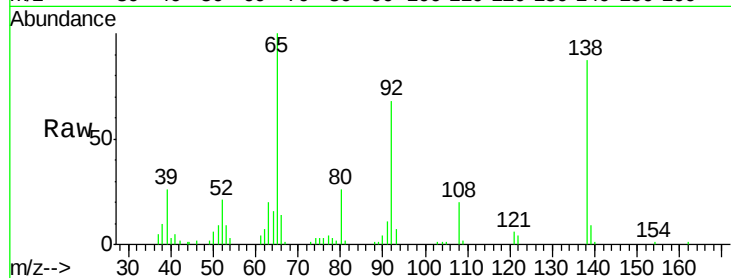
Tot Ion: 65 Resp: 96900

Ion Ratio Lower Upper

65 100

92 67.7 54.9 82.3

138 86.8 74.0 111.0



#48

Acenaphthylene

Concen: 59.08 ng

RT: 12.09 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

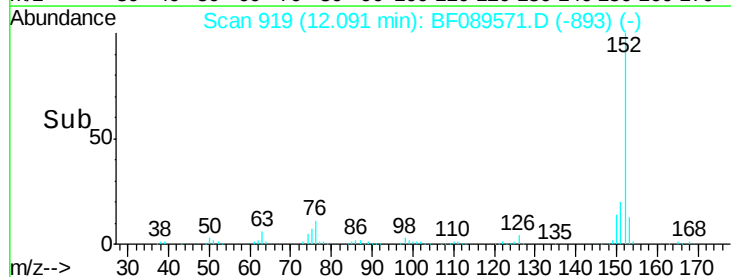
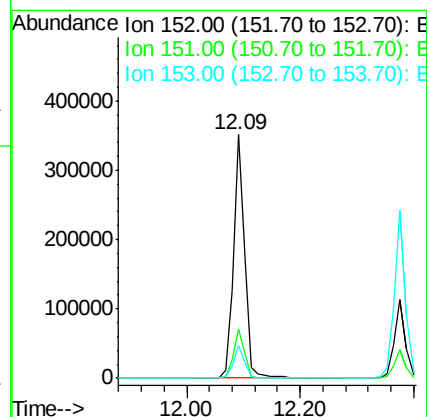
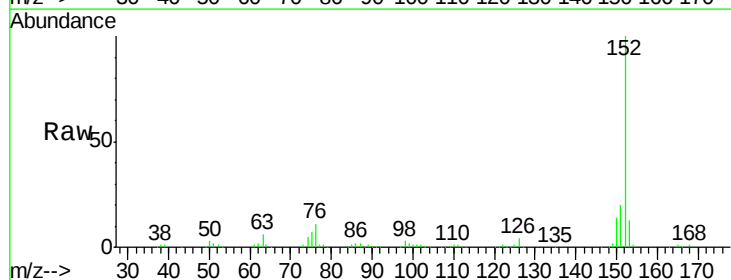
Tgt Ion: 152 Resp: 485706

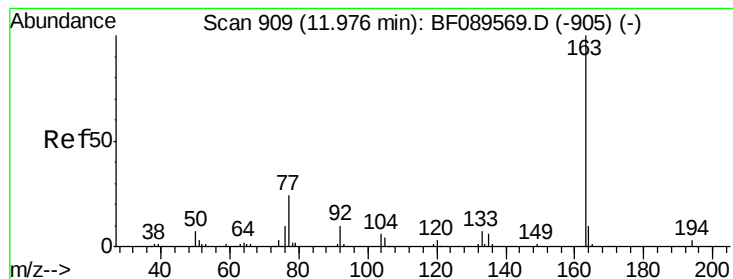
Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.2 10.6 15.8





#49

Dimethylphthalate

Concen: 57.90 ng

RT: 11.99 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampleId :

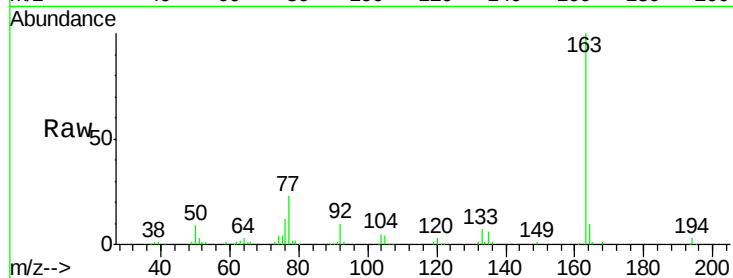
Tot Ion:163 Resp: 326927

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

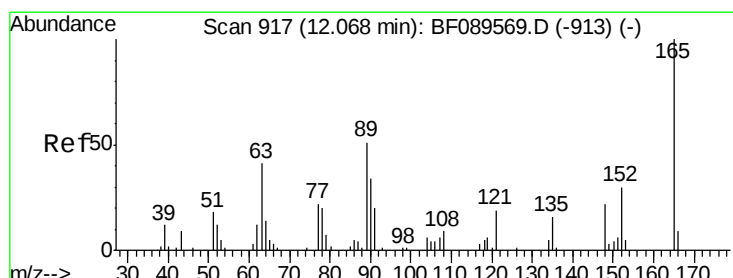
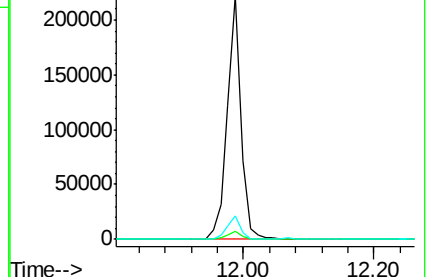
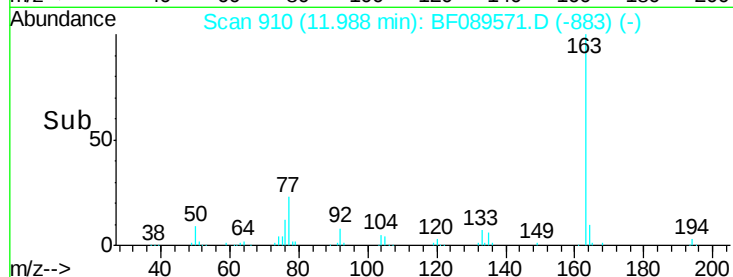
164 9.9 8.2 12.4



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: 63.43 ng

RT: 12.07 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

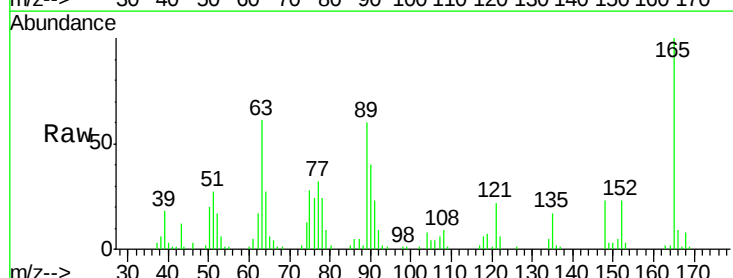
Tgt Ion:165 Resp: 71656

Ion Ratio Lower Upper

165 100

63 60.8 40.2 60.4#

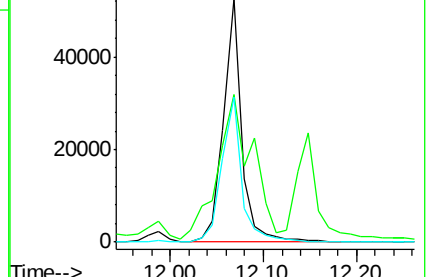
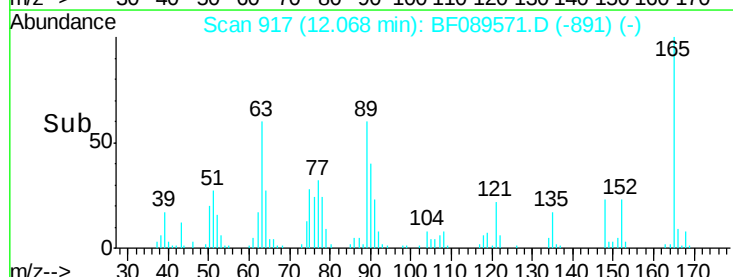
89 59.5 40.6 61.0

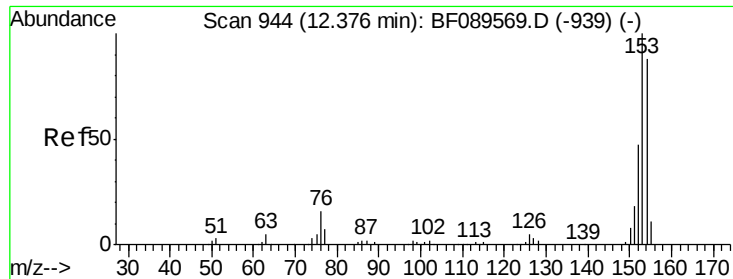


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

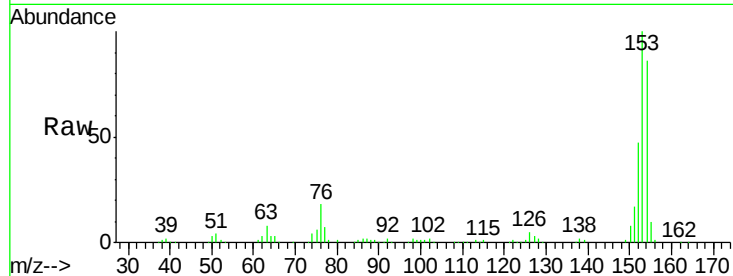




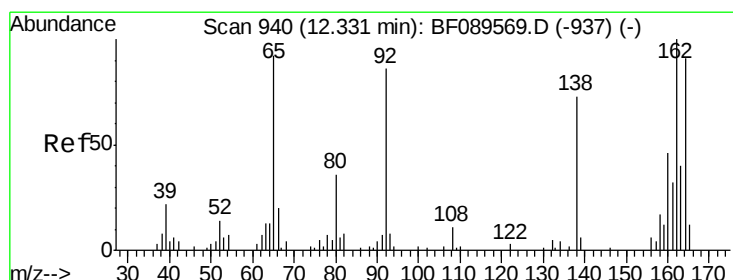
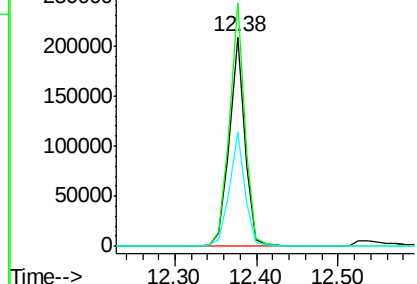
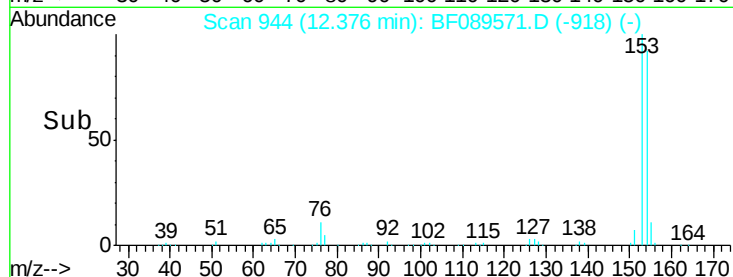
#51
Acenaphthene
Concen: 58.26 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 277637
Ion Ratio Lower Upper
154 100
153 116.4 91.2 136.8
152 54.7 43.1 64.7

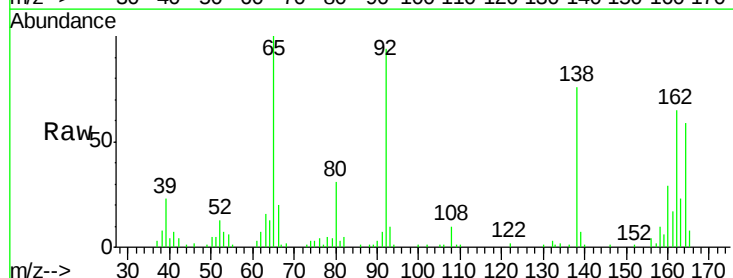


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

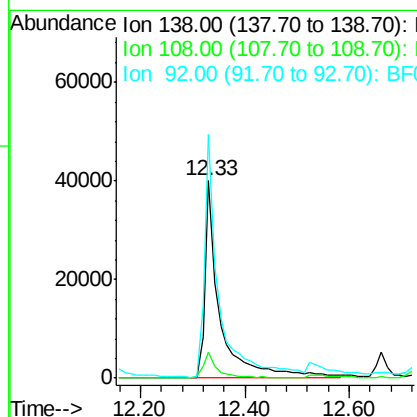
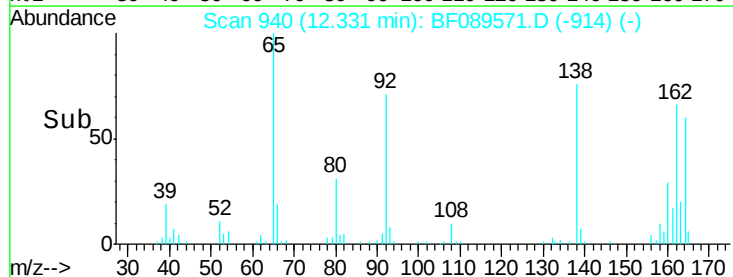


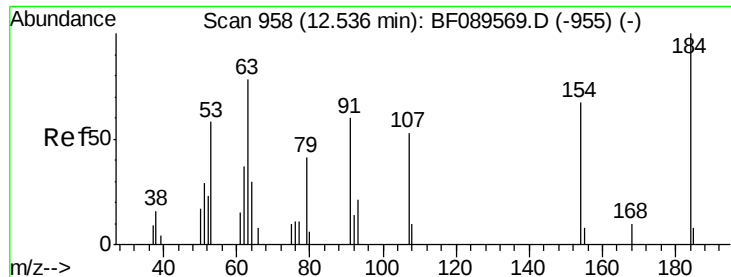
#52
3-Nitroaniline
Concen: 60.72 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion:138 Resp: 80874
Ion Ratio Lower Upper
138 100
108 13.1 11.6 17.4
92 123.6 94.6 141.8



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

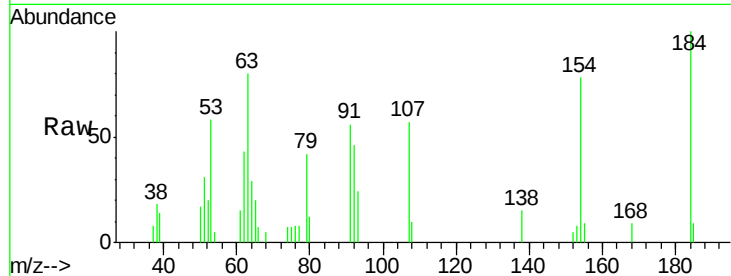




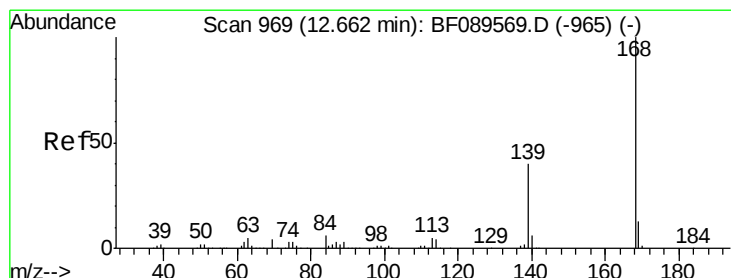
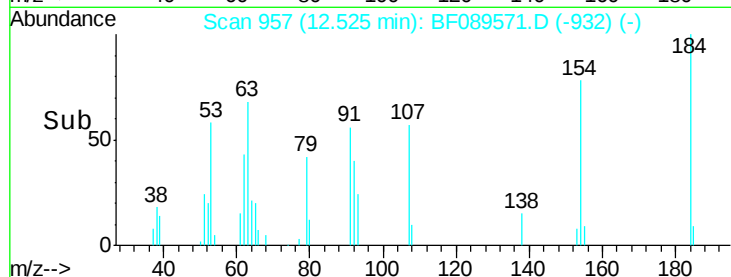
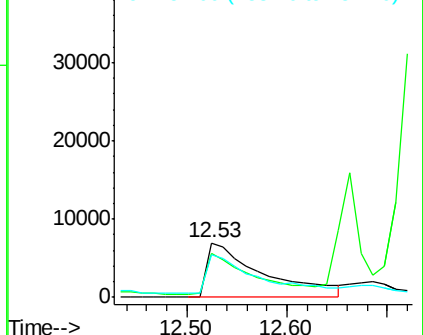
#53
2,4-Dinitrophenol
Concen: 59.81 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 27075
Ion Ratio Lower Upper
184 100
63 80.2 69.5 104.3
154 78.1 61.8 92.6

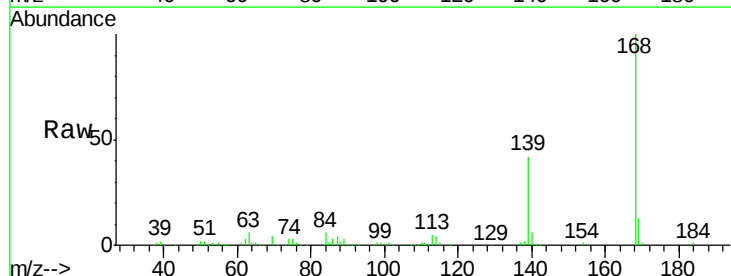


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

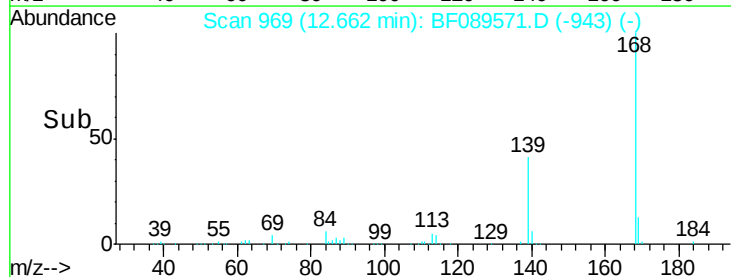
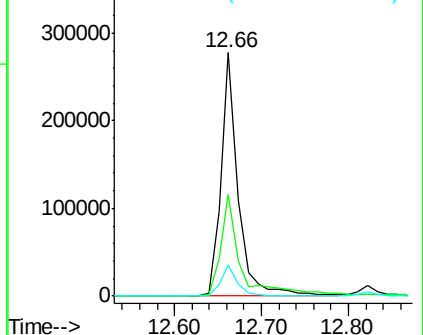


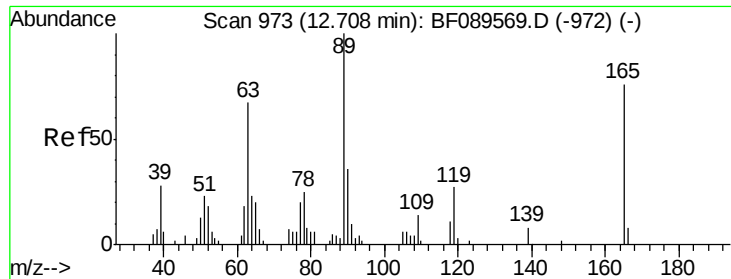
#54
Dibenzofuran
Concen: 59.36 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion:168 Resp: 384998
Ion Ratio Lower Upper
168 100
139 41.5 31.8 47.8
169 13.0 10.6 16.0



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

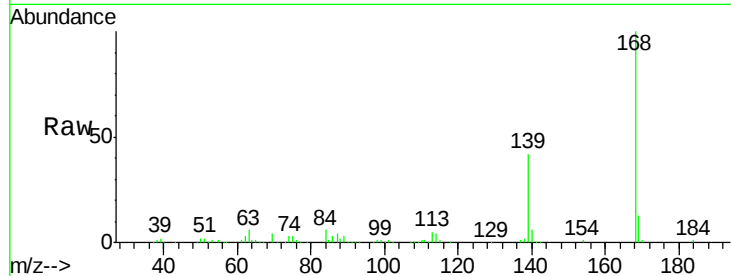




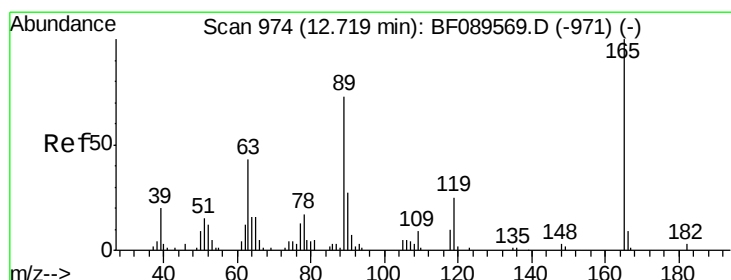
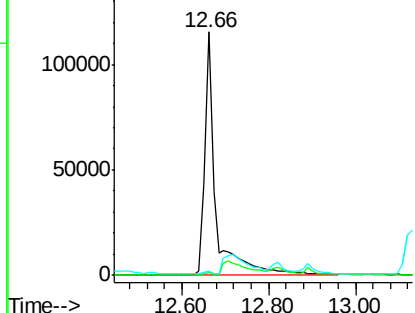
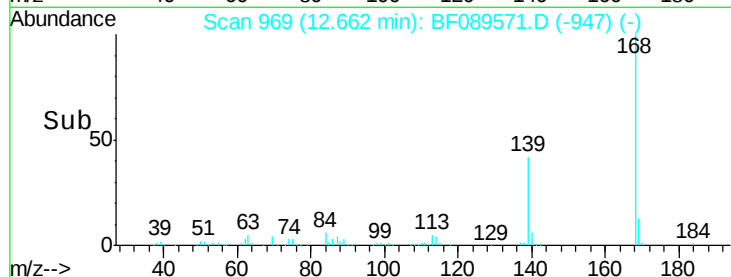
#55
4-Nitrophenol
Concen: 278.92 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 203539
Ion Ratio Lower Upper
139 100
109 1.0 35.2 75.2#
65 1.8 66.4 106.4#

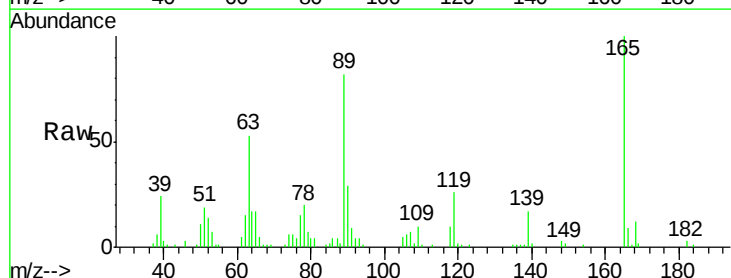


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

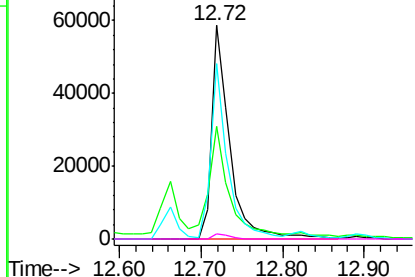
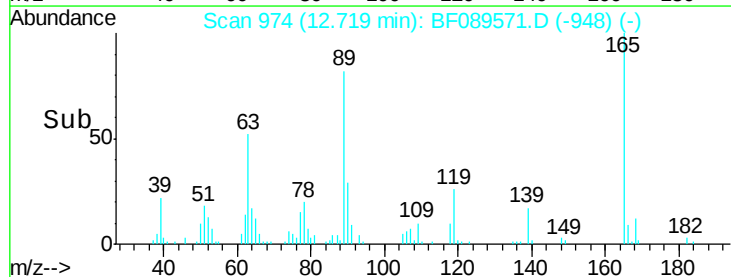


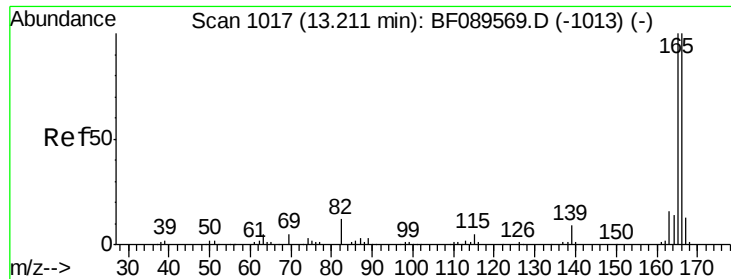
#56
2,4-Dinitrotoluene
Concen: 60.08 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion:165 Resp: 91212
Ion Ratio Lower Upper
165 100
63 53.0 38.2 57.2
89 82.4 59.8 89.6
182 2.6 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: 58.02 ng

RT: 13.21 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampled :

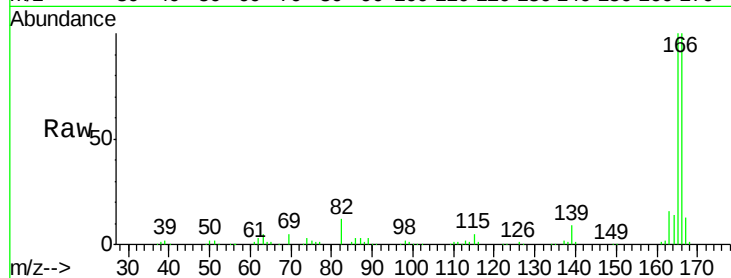
Tot Ion:166 Resp: 320094

Ion Ratio Lower Upper

166 100

165 99.7 80.2 120.2

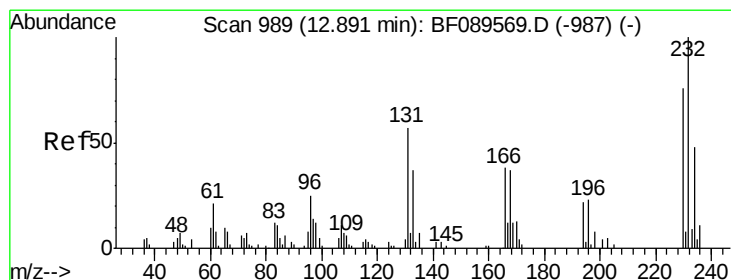
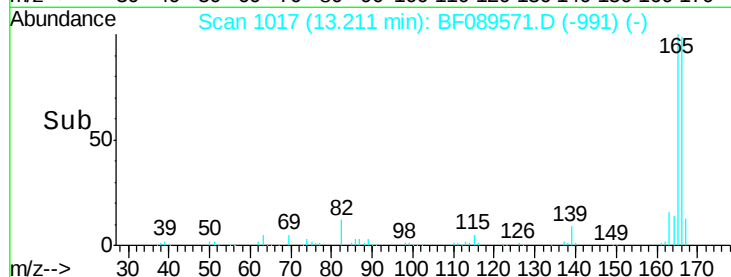
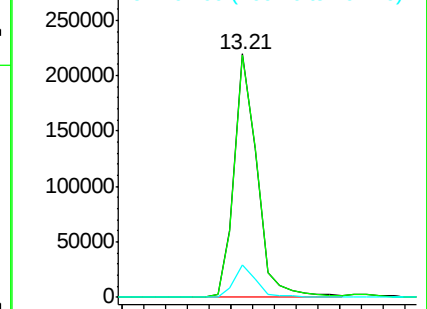
167 13.2 10.4 15.6



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: 59.68 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Tgt Ion:232 Resp: 61167

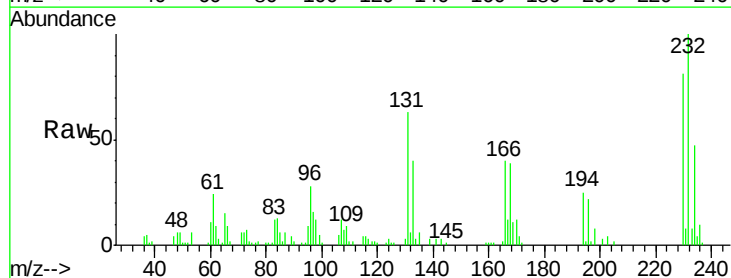
Ion Ratio Lower Upper

232 100

131 62.7 47.9 71.9

130 2.6 1.7 2.5#

166 39.3 30.2 45.2

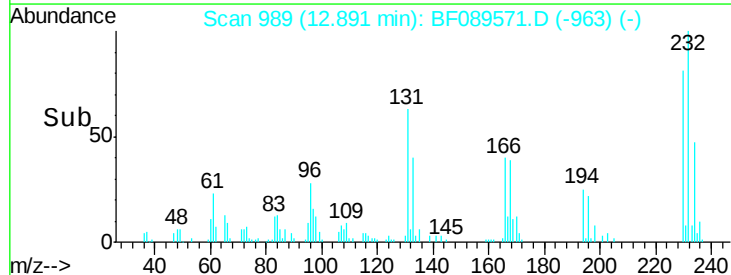
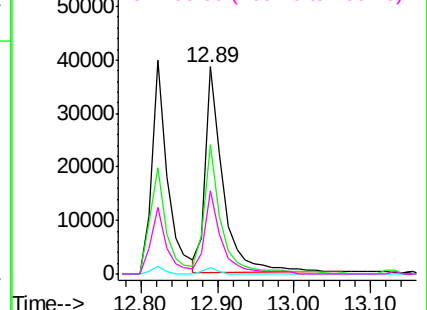


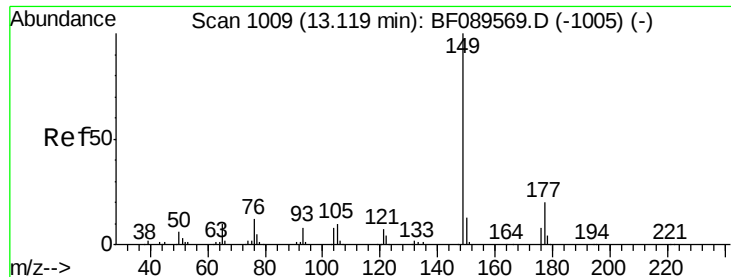
Abundance Ion 232.00 (231.70 to 232.70): E

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

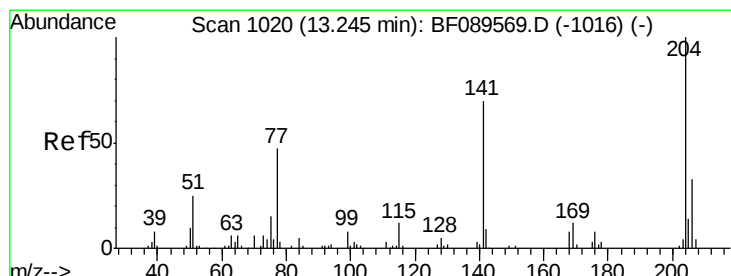
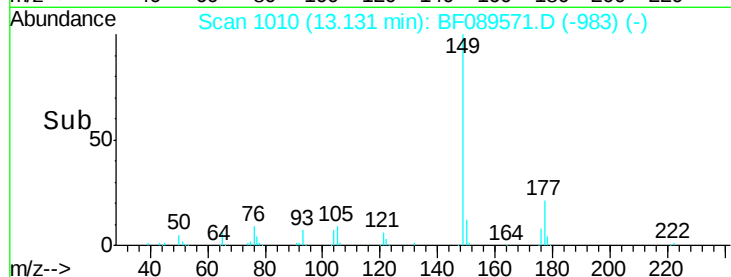
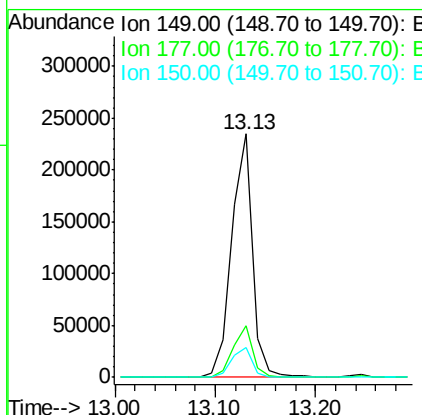
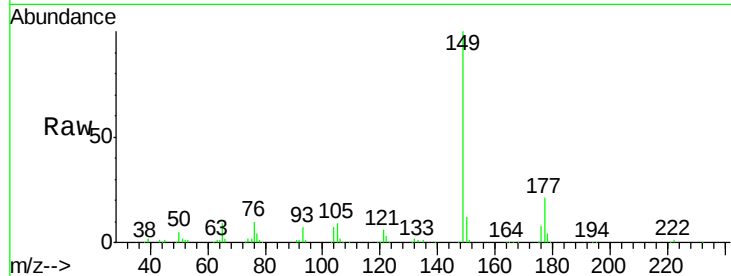




#59
Diethylphthalate
Concen: 59.31 ng
RT: 13.13 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

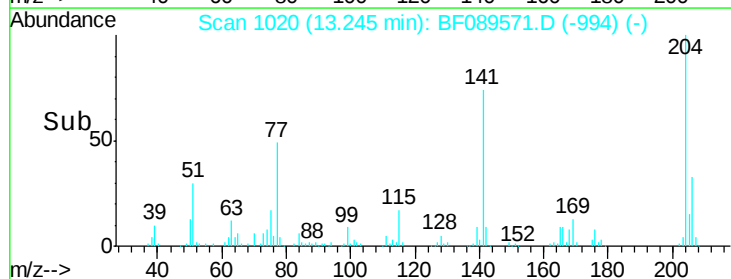
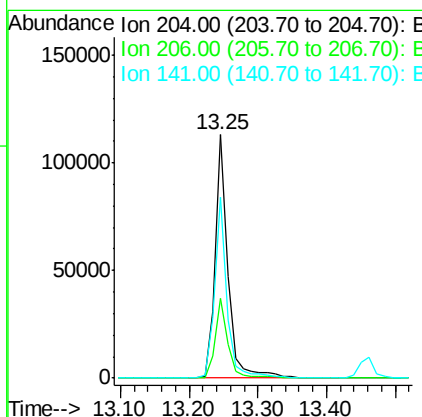
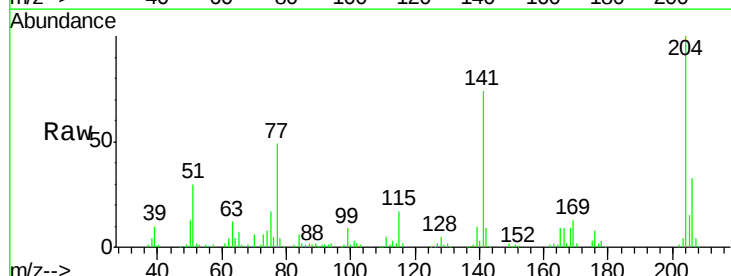
Instrument :
BNA_F
ClientSampleId :

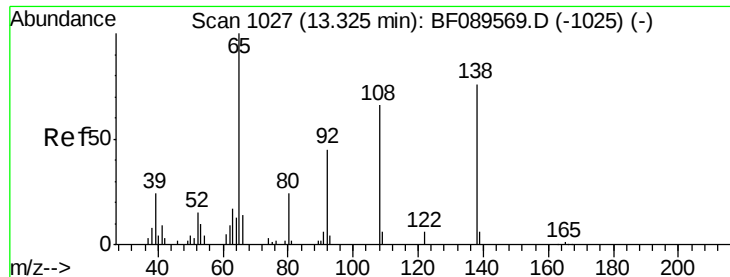
Tot Ion:149 Resp: 339290
Ion Ratio Lower Upper
149 100
177 21.0 15.8 23.8
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 60.56 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion:204 Resp: 150162
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 74.1 56.3 84.5

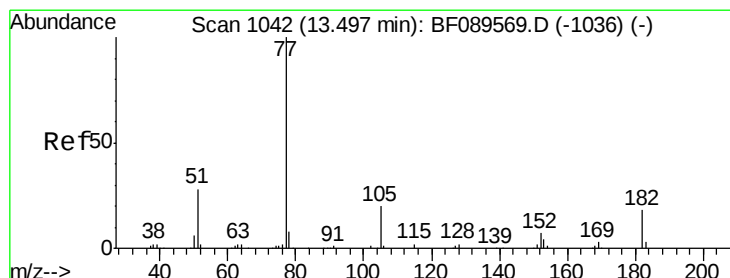
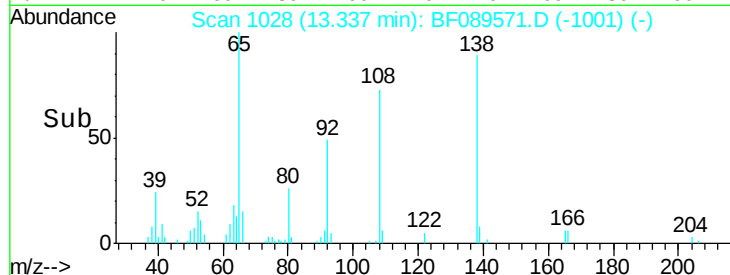
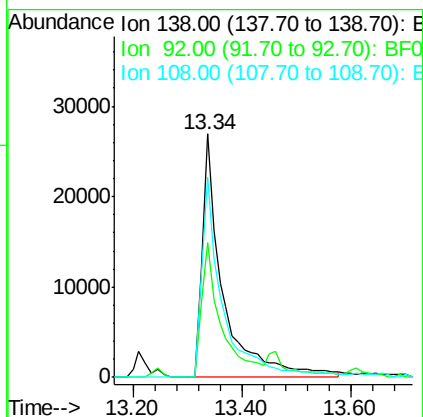
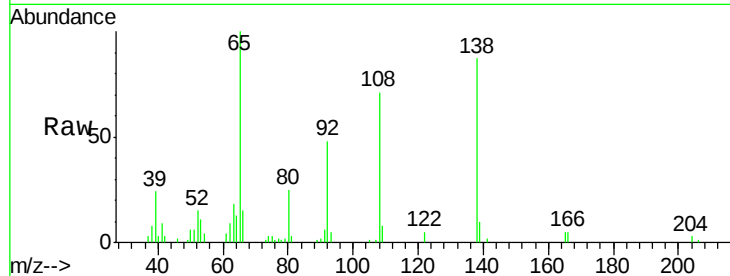




#61
4-Nitroaniline
Concen: 60.68 ng
RT: 13.34 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

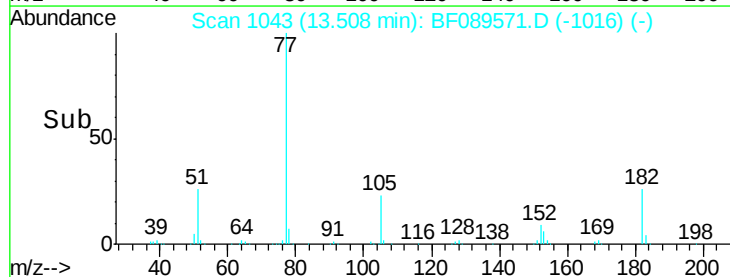
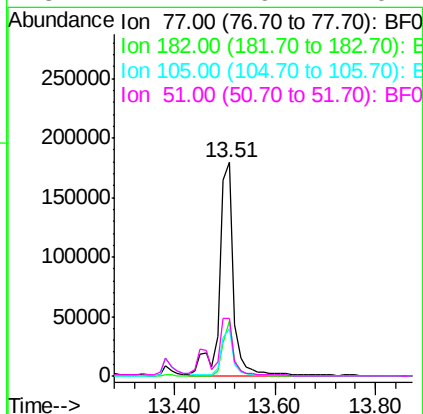
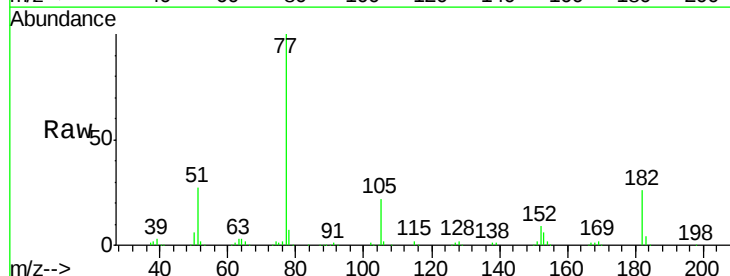
Instrument :
BNA_F
ClientSampleId :

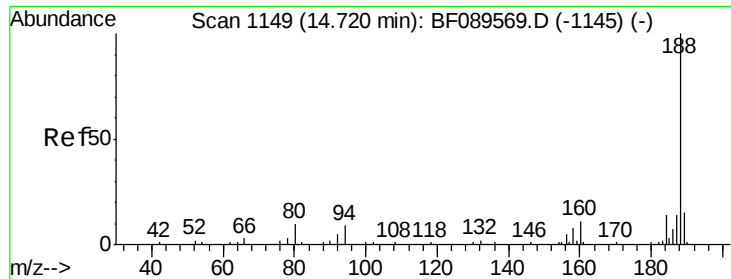
Tot Ion:138 Resp: 70822
Ion Ratio Lower Upper
138 100
92 55.5 39.5 79.5
108 82.1 66.4 106.4



#62
Azobenzene
Concen: 59.37 ng
RT: 13.51 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion: 77 Resp: 348305
Ion Ratio Lower Upper
77 100
182 25.7 0.0 38.0
105 22.5 0.6 40.6
51 27.2 9.1 49.1

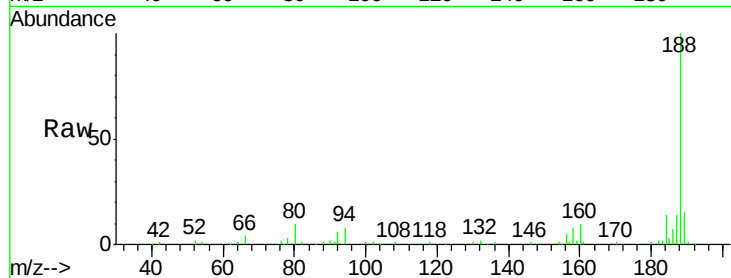




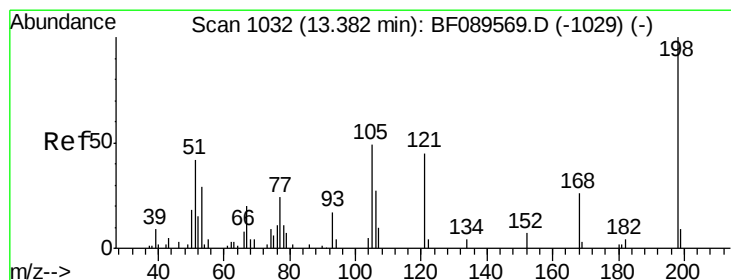
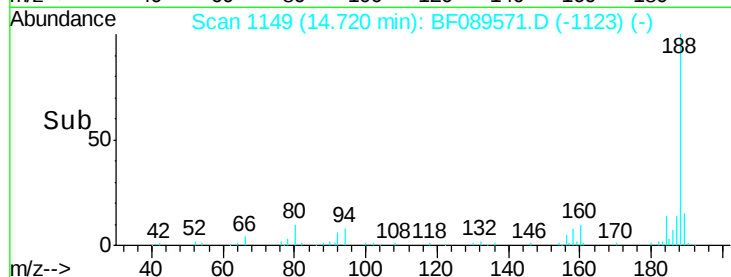
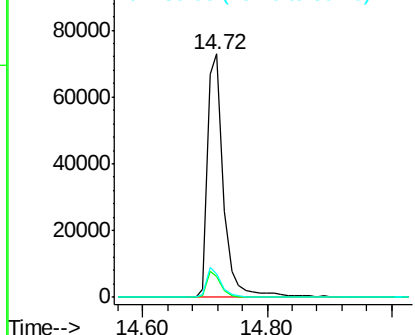
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 129942
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.0 10.4
 80 9.7 7.7 11.5

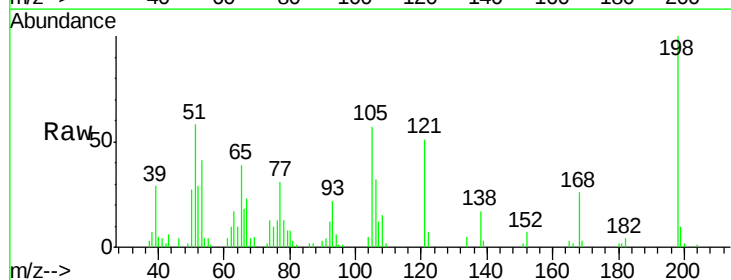


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

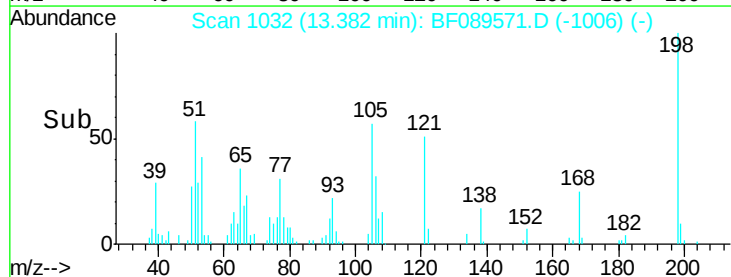
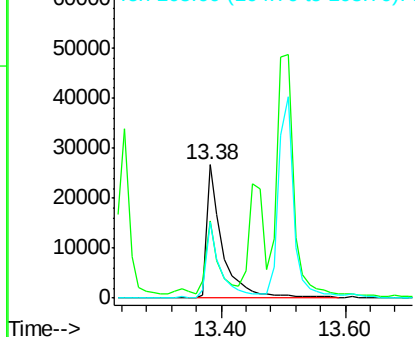


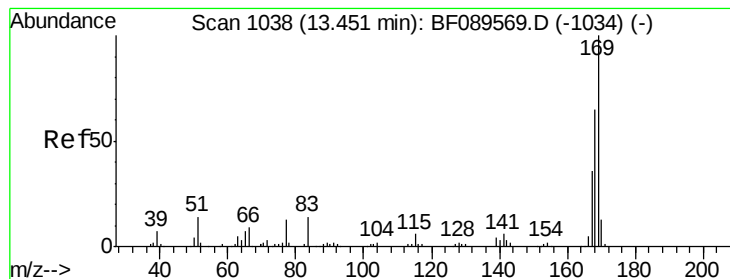
#64
 4,6-Dinitro-2-methylphenol
 Concen: 59.73 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Tgt Ion:198 Resp: 47653
 Ion Ratio Lower Upper
 198 100
 51 58.3 26.0 66.0
 105 56.6 29.1 69.1



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 62.42 ng

RT: 13.46 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampled :

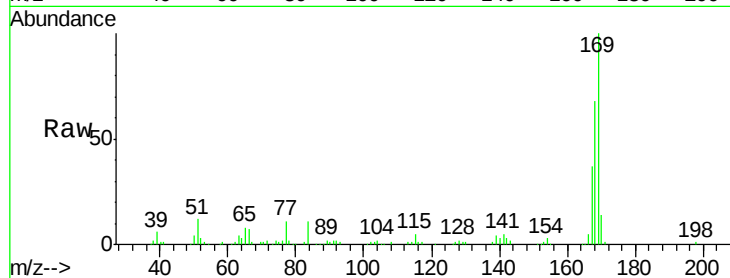
Tot Ion:169 Resp: 276396

Ion Ratio Lower Upper

169 100

168 67.7 53.0 79.4

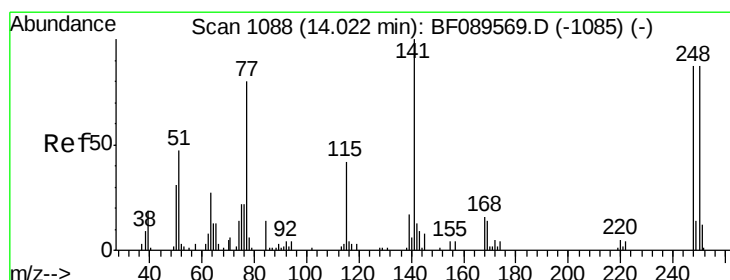
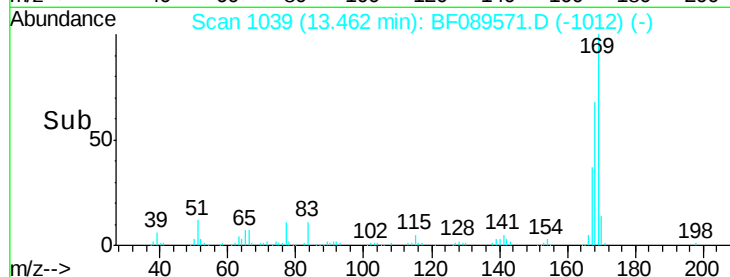
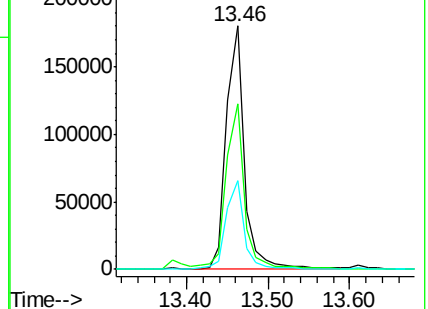
167 36.6 29.1 43.7



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: 63.59 ng

RT: 14.03 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

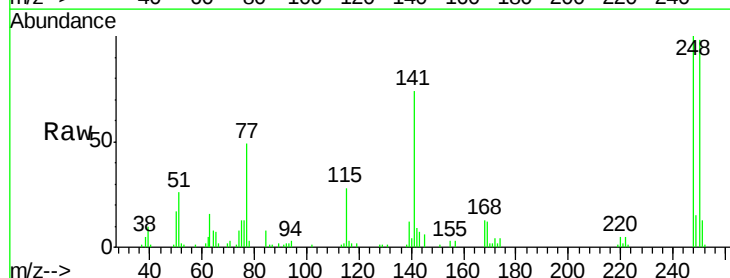
Tgt Ion:248 Resp: 80724

Ion Ratio Lower Upper

248 100

250 97.9 79.8 119.6

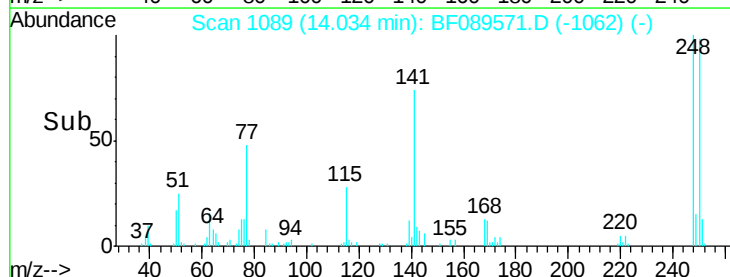
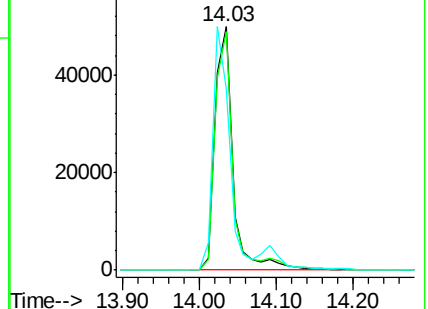
141 74.1 91.5 137.3#

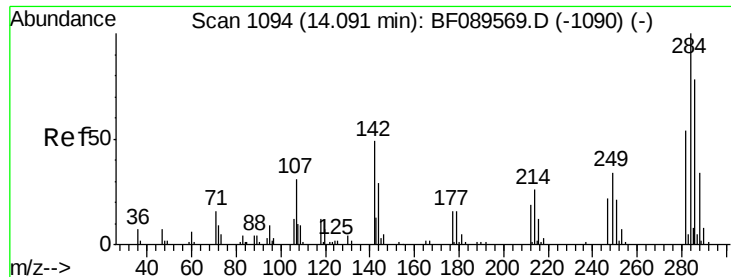


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

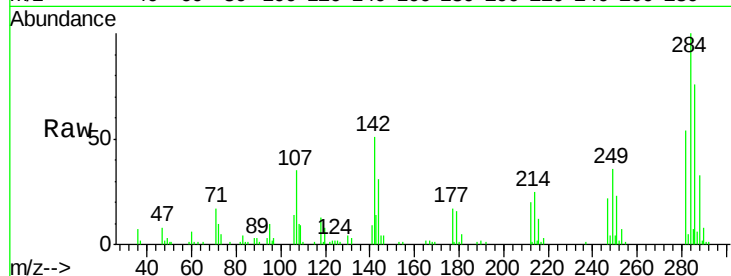




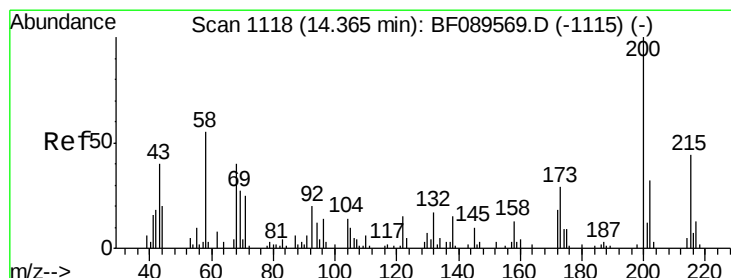
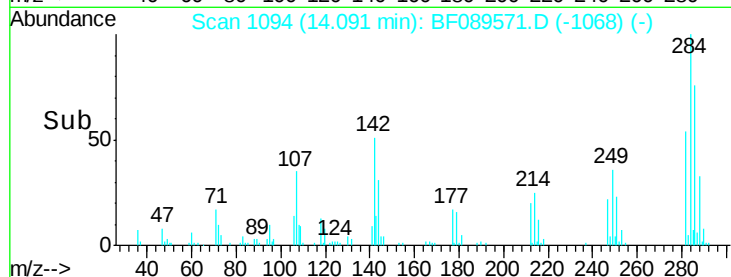
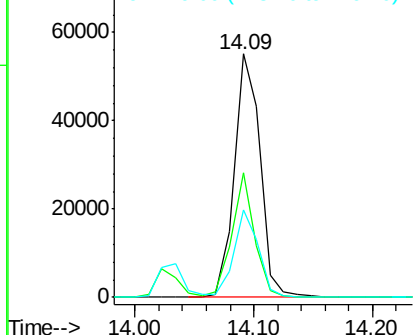
#67
Hexachlorobenzene
Concen: 60.59 ng
RT: 14.09 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 83192
Ion Ratio Lower Upper
284 100
142 51.3 40.2 60.4
249 36.1 28.9 43.3

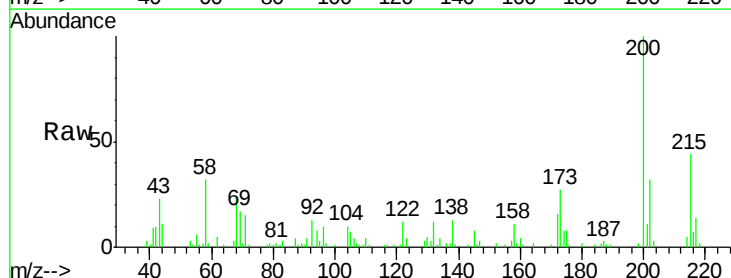


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

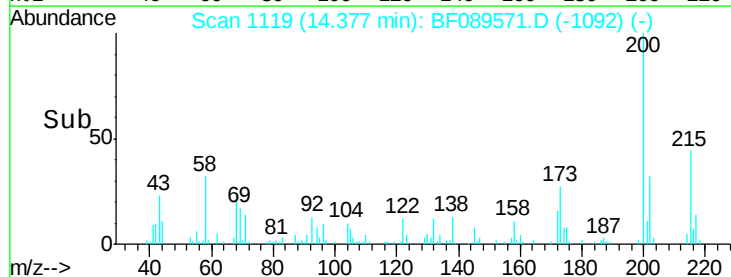
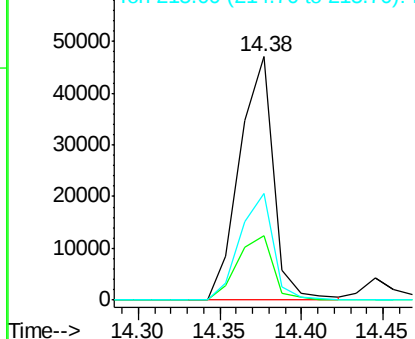


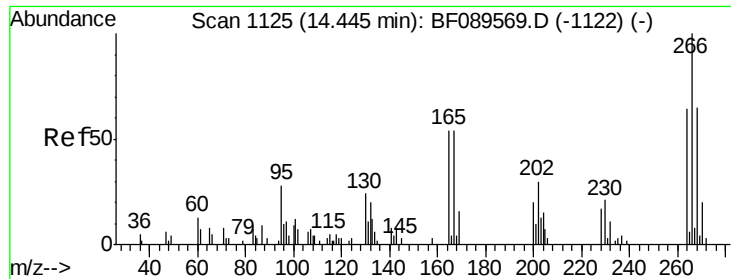
#68
Atrazine
Concen: 59.22 ng
RT: 14.38 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion:200 Resp: 67843
Ion Ratio Lower Upper
200 100
173 26.6 9.1 49.1
215 43.7 23.6 63.6



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

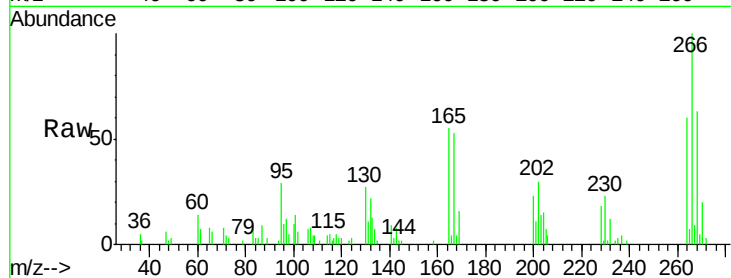




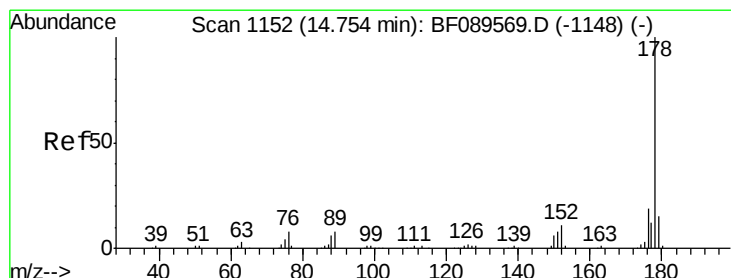
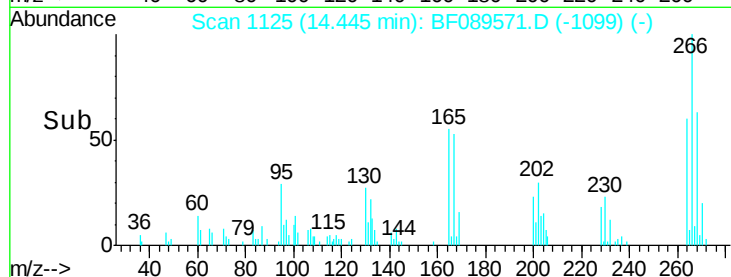
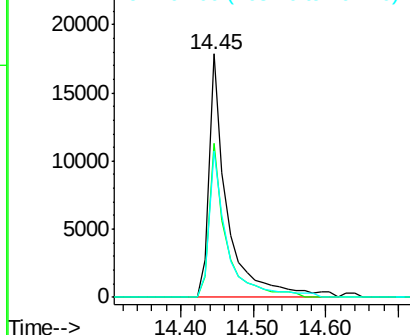
#69
 Pentachlorophenol
 Concen: 59.41 ng
 RT: 14.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 31127
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.8 77.6
 264 60.0 51.2 76.8

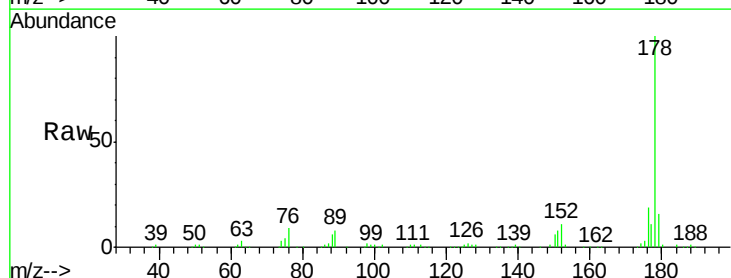


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

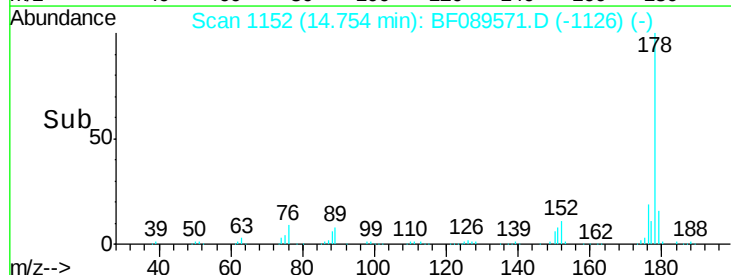
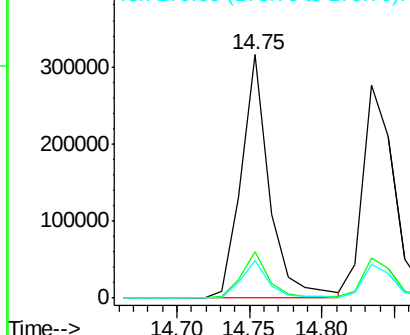


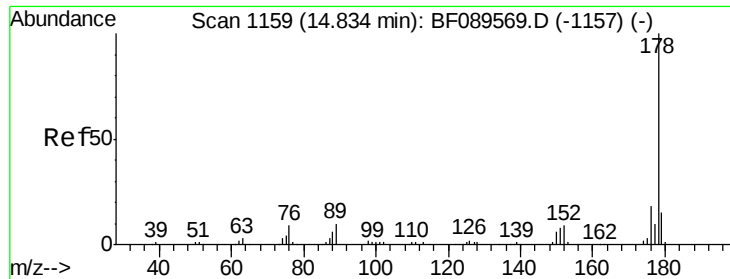
#70
 Phenanthrene
 Concen: 61.23 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Tgt Ion:178 Resp: 424995
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.5 12.2 18.4



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

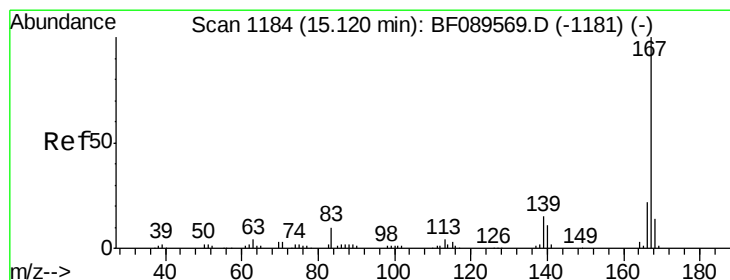
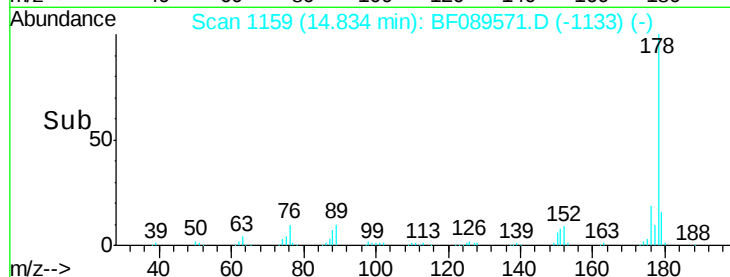
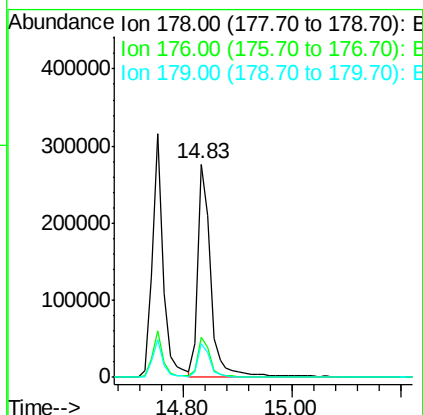
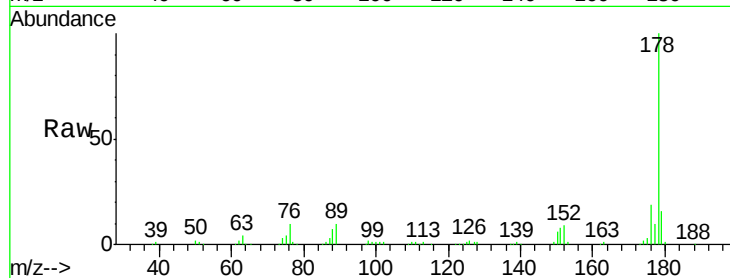




#71
 Anthracene
 Concen: 58.99 ng
 RT: 14.83 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

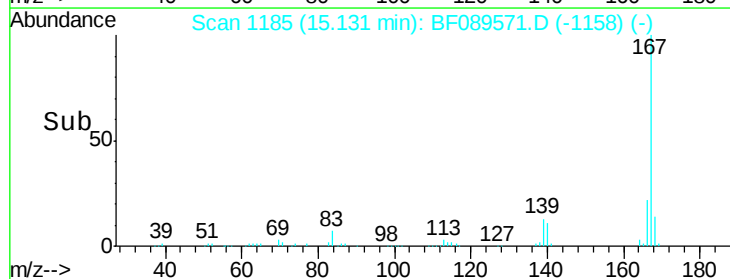
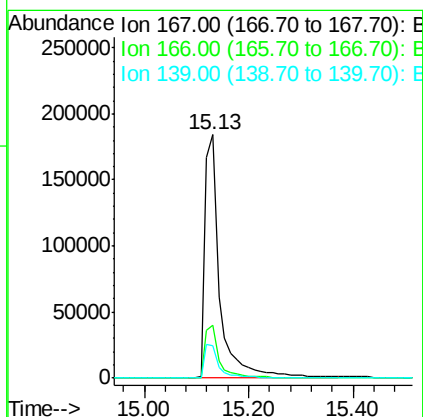
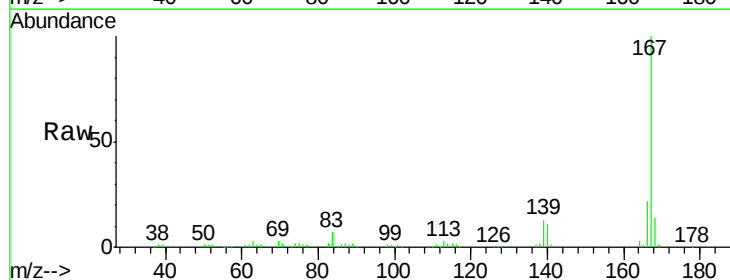
Instrument :
 BNA_F
 ClientSampleId :

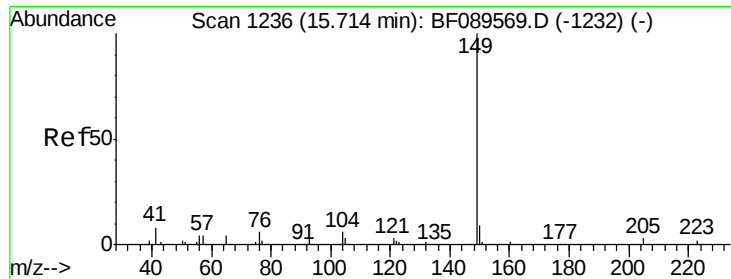
Tot Ion:178 Resp: 447709
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.7 22.1
 179 15.7 12.2 18.2



#72
 Carbazole
 Concen: 59.66 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Tgt Ion:167 Resp: 366218
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.1 11.8 17.6





#73

Di-n-butylphthalate

Concen: 59.90 ng

RT: 15.71 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampleId :

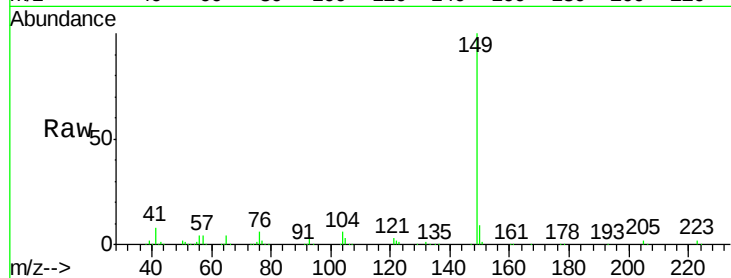
Tot Ion:149 Resp: 470333

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

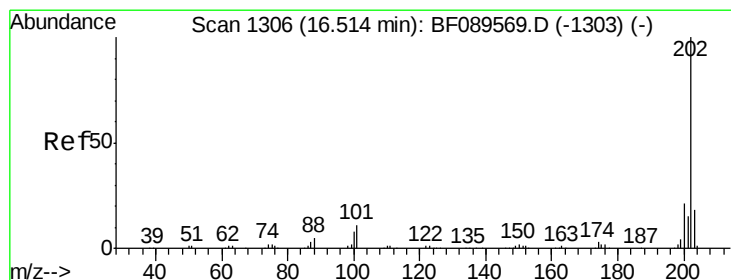
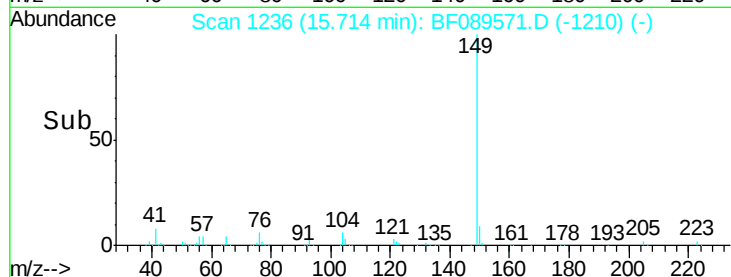
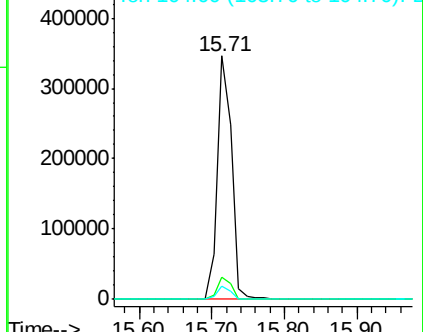
104 5.5 4.6 7.0



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: 58.03 ng

RT: 16.51 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

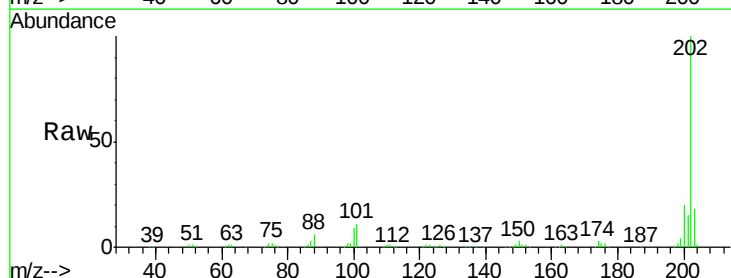
Tgt Ion:202 Resp: 407619

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.0

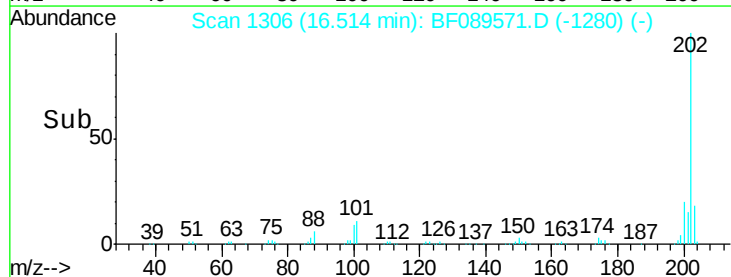
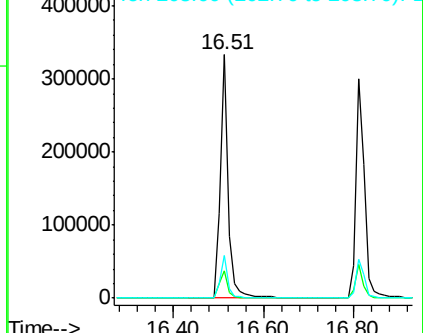
203 17.5 0.0 37.7

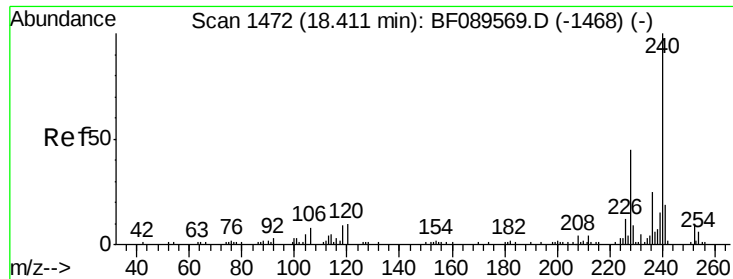


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

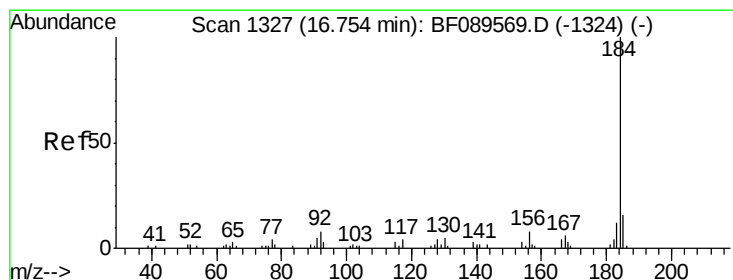
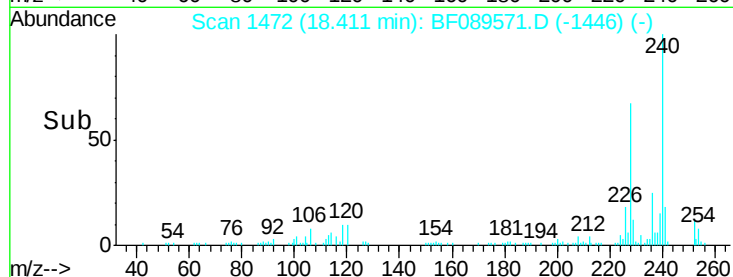
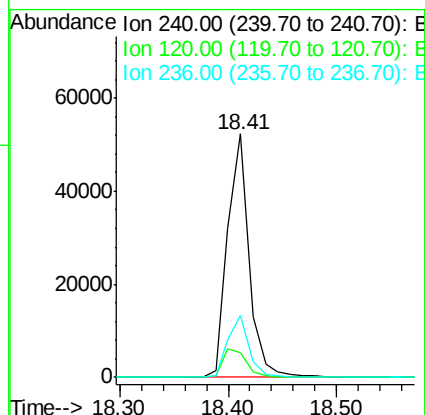
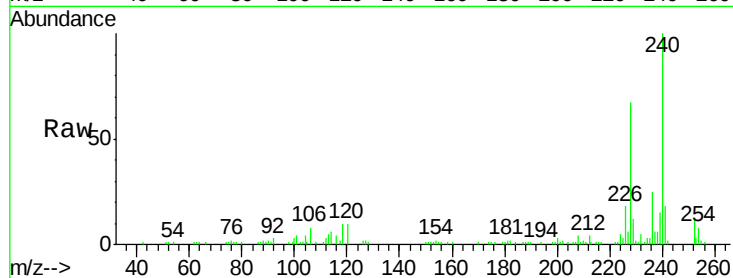




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.41 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

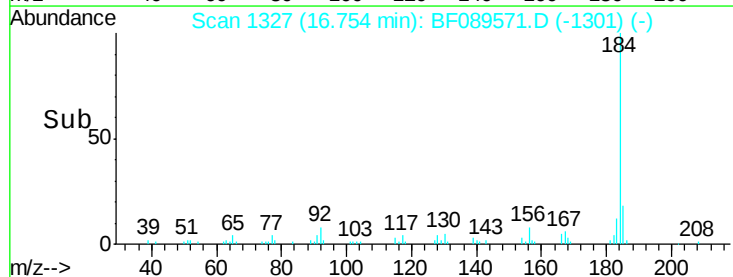
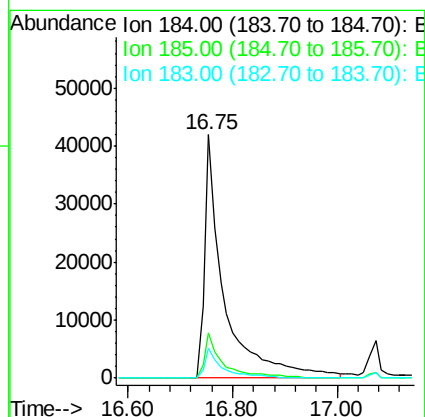
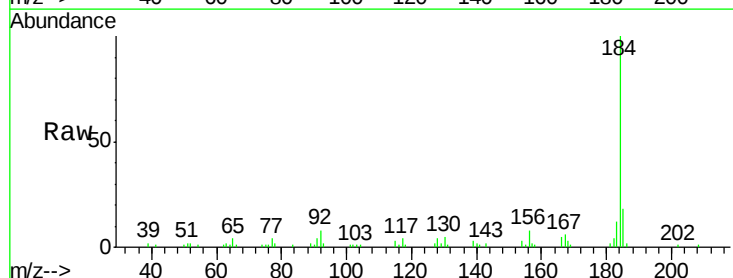
Instrument :
BNA_F
ClientSampleId :

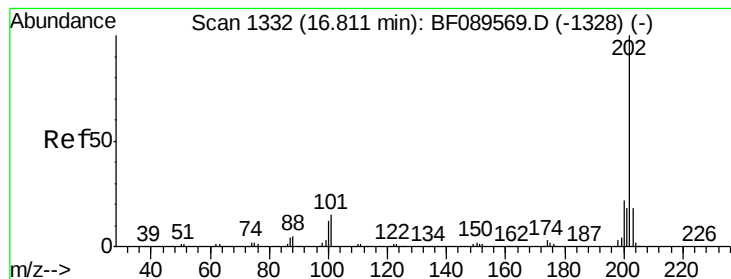
Tot Ion:240 Resp: 71634
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 25.5 20.3 30.5



#76
Benzidine
Concen: 56.14 ng
RT: 16.75 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion:184 Resp: 109663
Ion Ratio Lower Upper
184 100
185 18.3 13.1 19.7
183 12.2 9.6 14.4





#77

Pvrene

Concen: 62.55 ng

RT: 16.81 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

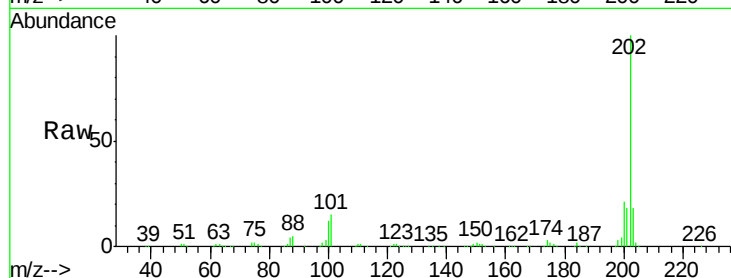
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 398317

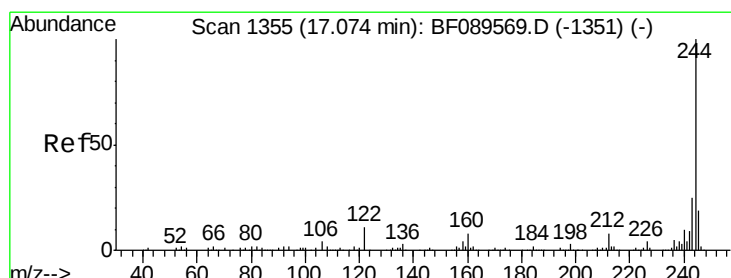
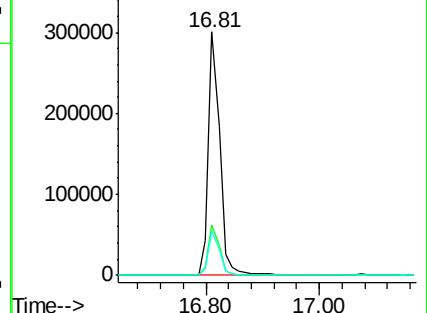
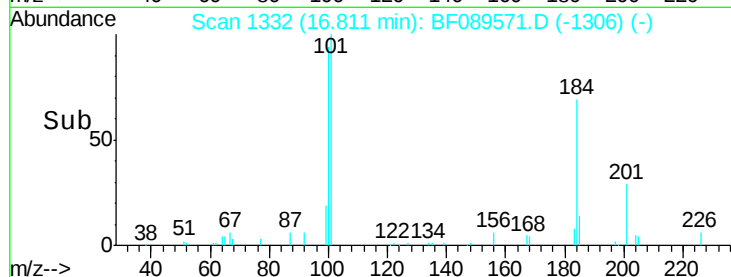
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.2	25.8
203	17.8	14.2	21.2



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: 125.52 ng

RT: 17.07 min Scan# 1355

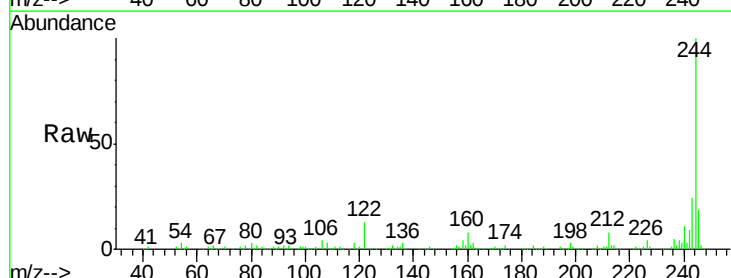
Delta R.T. -0.00 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Tgt Ion:244 Resp: 448125

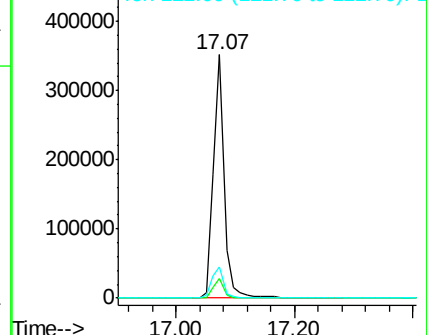
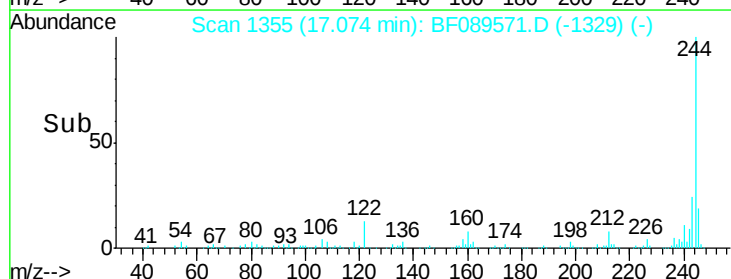
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	12.6	8.5	12.7

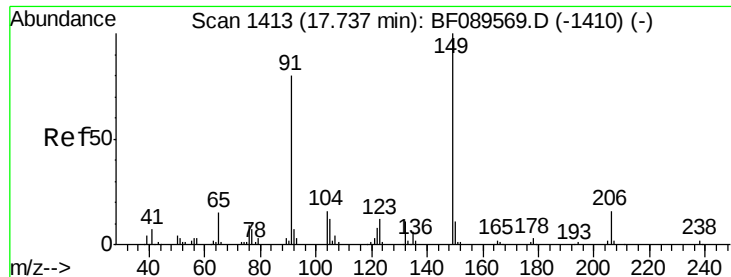


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

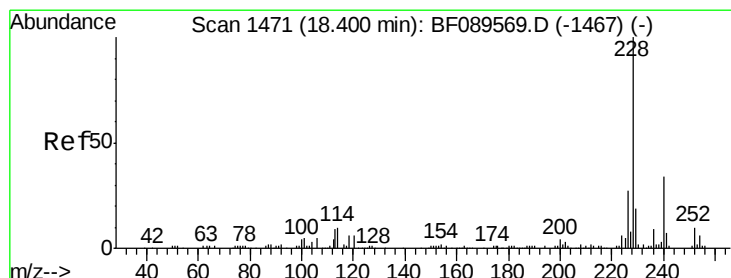
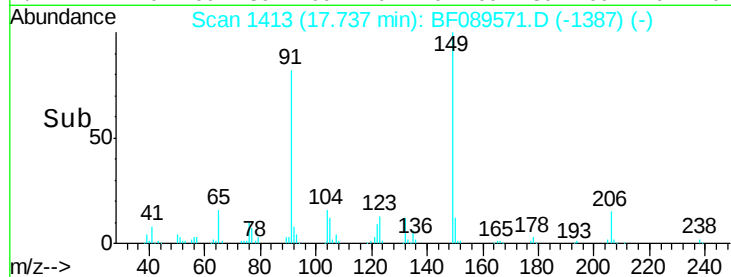
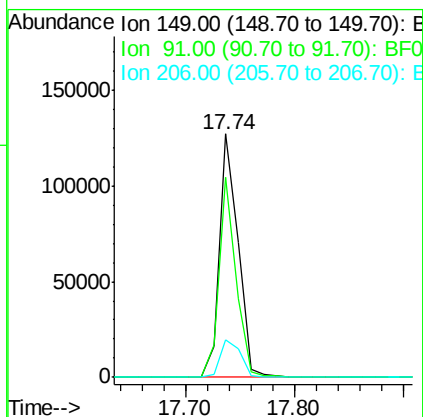
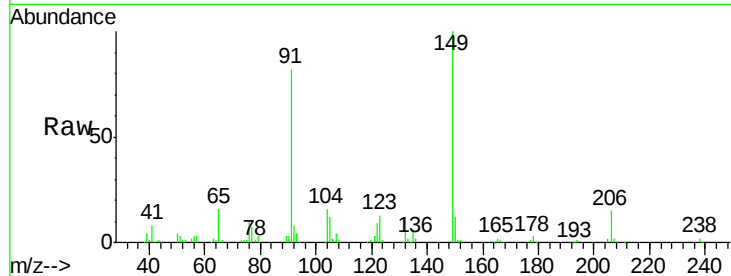




#79
Butylbenzylphthalate
Concen: 63.64 ng
RT: 17.74 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

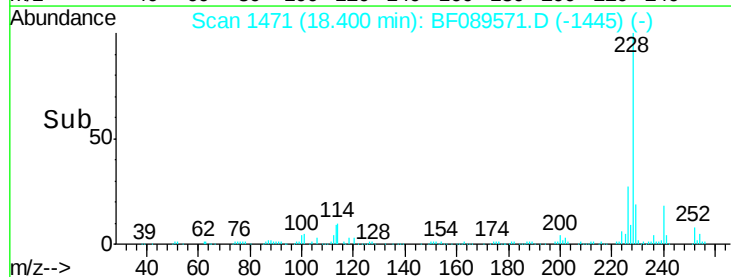
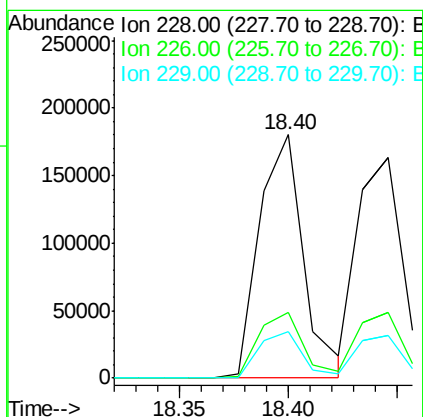
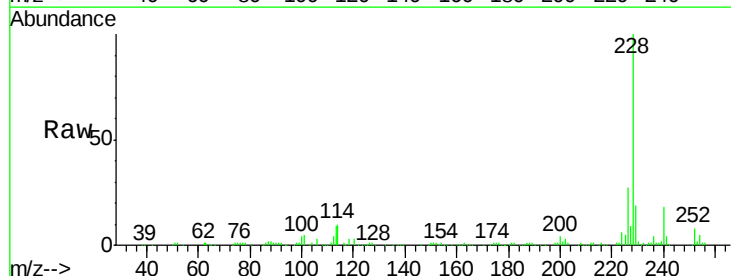
Instrument :
BNA_F
ClientSampleId :

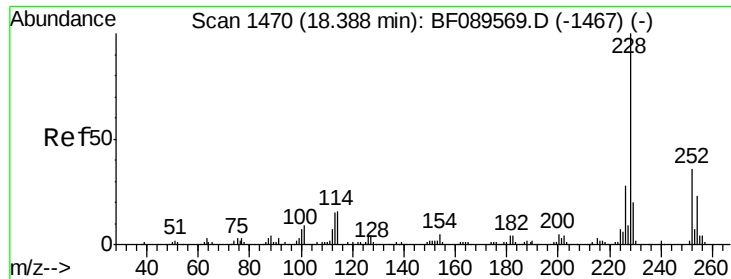
Tot Ion:149 Resp: 152061
Ion Ratio Lower Upper
149 100
91 82.3 63.6 95.4
206 15.3 12.8 19.2



#80
Benzo(a)anthracene
Concen: 61.25 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion:228 Resp: 255674
Ion Ratio Lower Upper
228 100
226 27.1 21.5 32.3
229 19.2 15.1 22.7

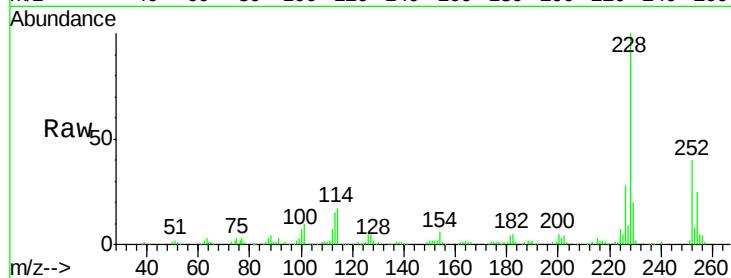




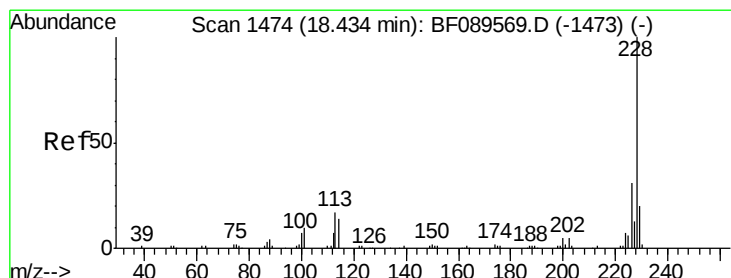
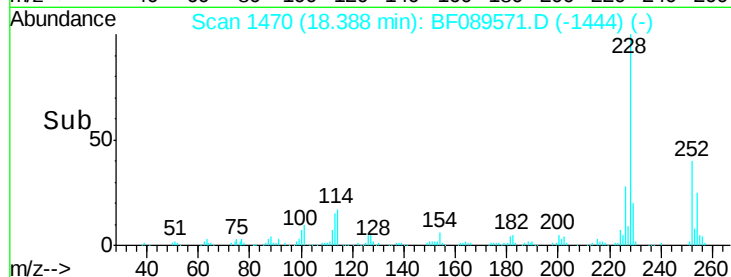
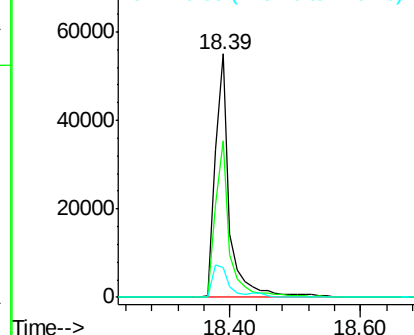
#81
 3,3'-Dichlorobenzidine
 Concen: 64.65 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 84578
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.6 77.4
 126 12.3 10.1 15.1

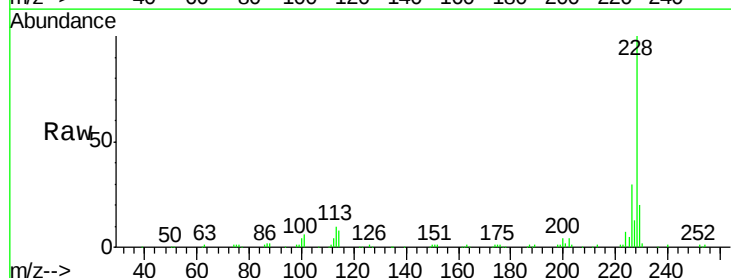


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

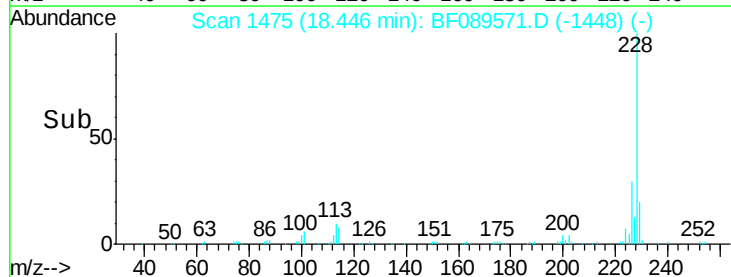
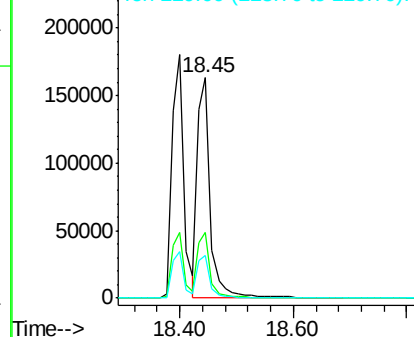


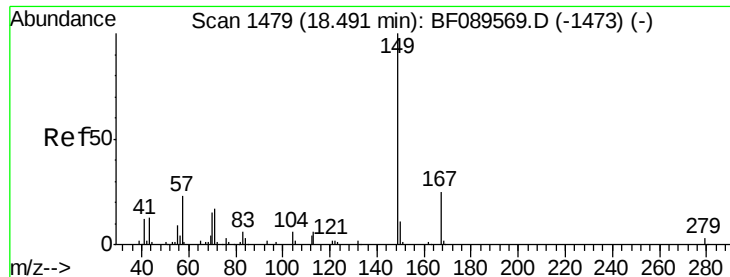
#82
 Chrysene
 Concen: 60.10 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Tgt Ion:228 Resp: 258685
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.3 36.5
 229 19.6 15.7 23.5



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

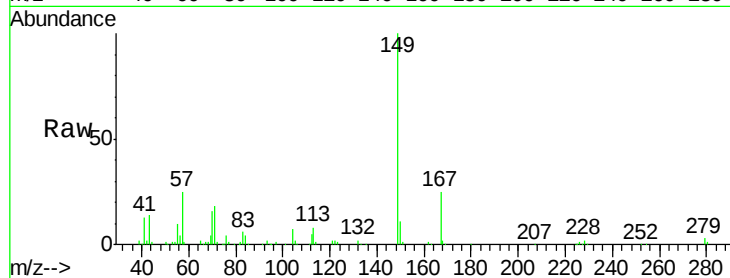




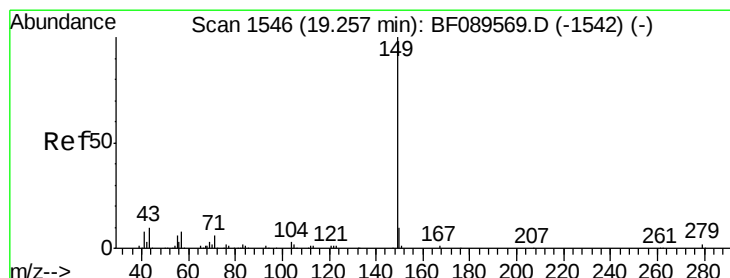
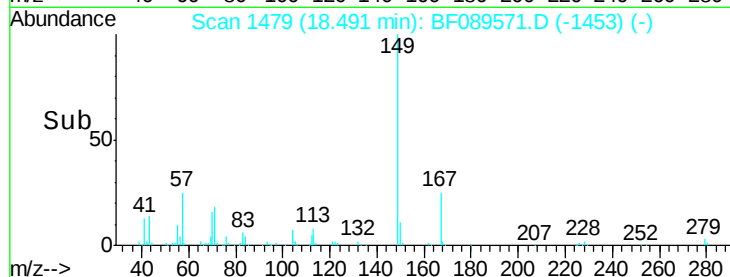
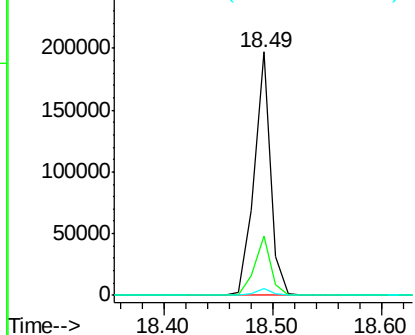
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 64.55 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	149	Resp	207886
Ion Ratio	Lower	Upper	
149	100		
167	24.6	19.7	29.5
279	2.7	2.3	3.5

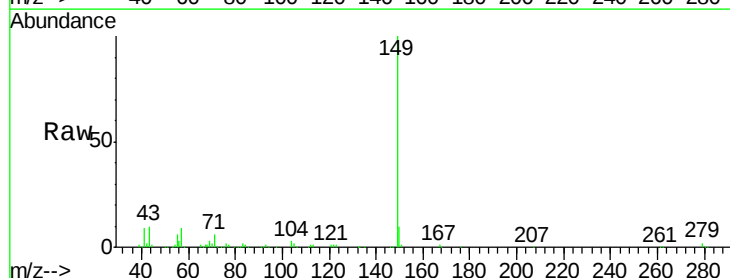


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

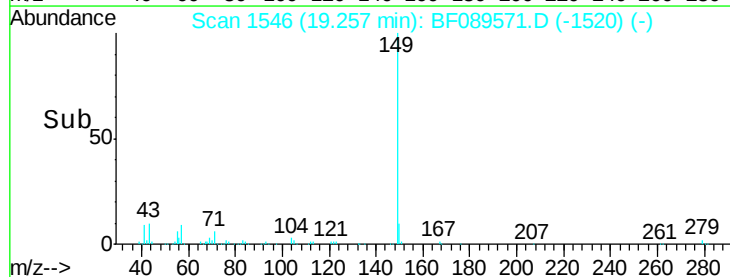
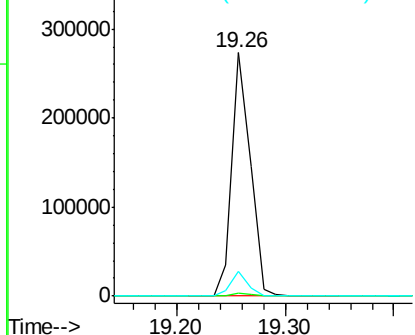


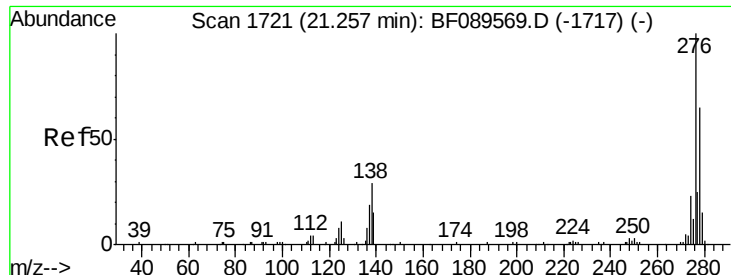
#84
 Di-n-octyl phthalate
 Concen: 65.48 ng
 RT: 19.26 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Tgt Ion	149	Resp	319753
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	9.5	7.3	10.9



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

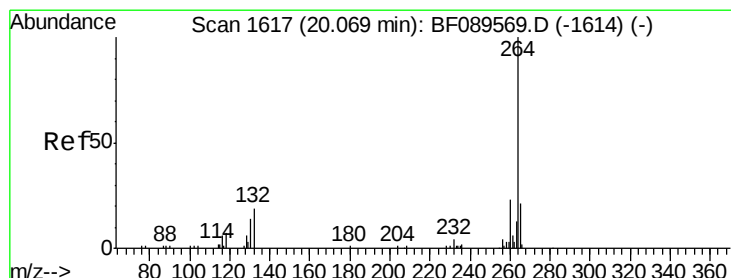
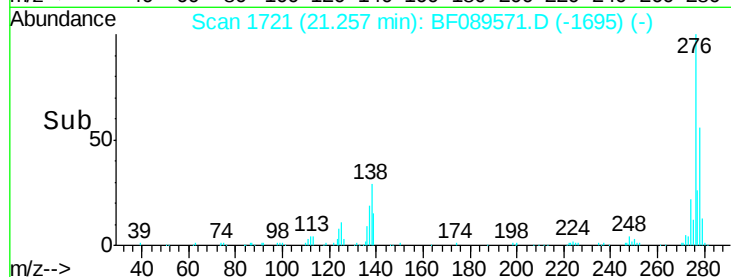
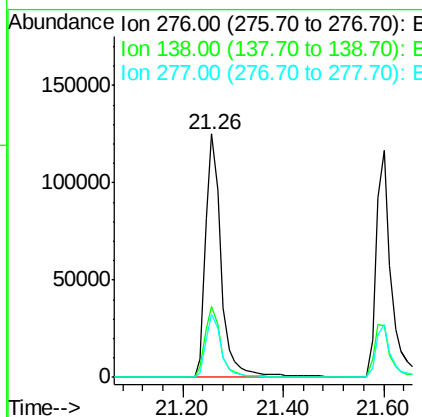
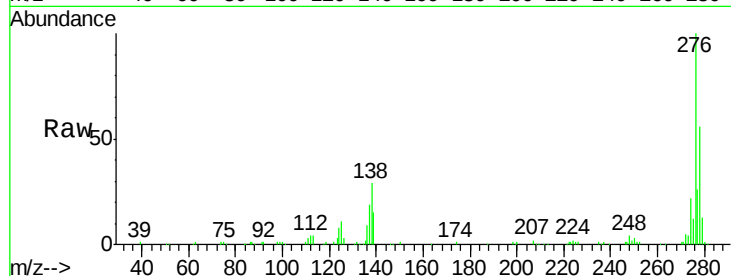




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.52 ng
 RT: 21.26 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

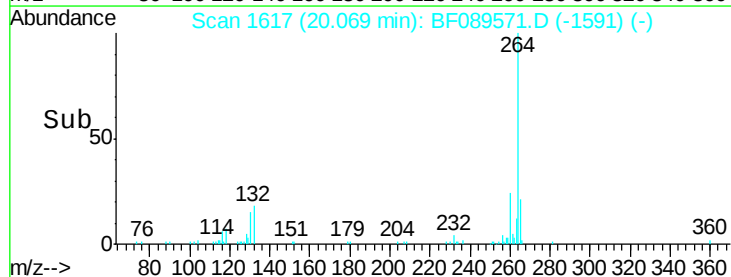
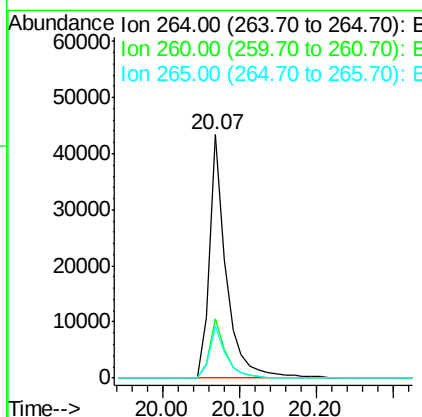
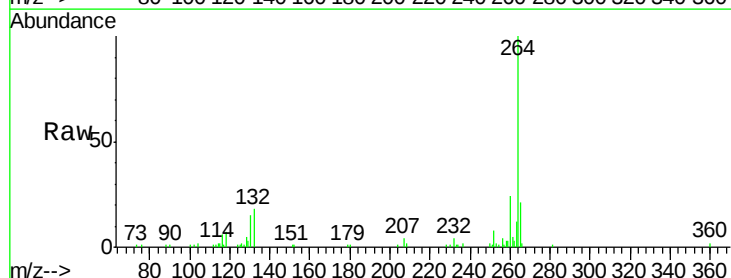
Instrument :
 BNA_F
 ClientSampleId :

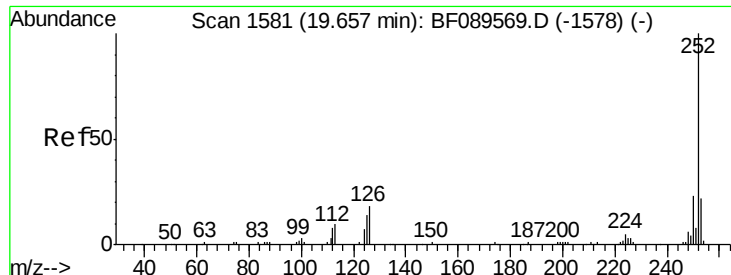
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	23.5	35.3
277	25.8	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.07 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF089571.D
 Acq: 3 Aug 2016 21:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	21.3	16.6	25.0





#87

Benzo(b)fluoranthene

Concen: 58.75 ng

RT: 19.67 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BF089571.D

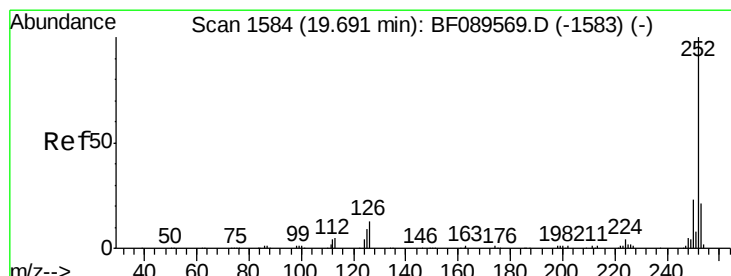
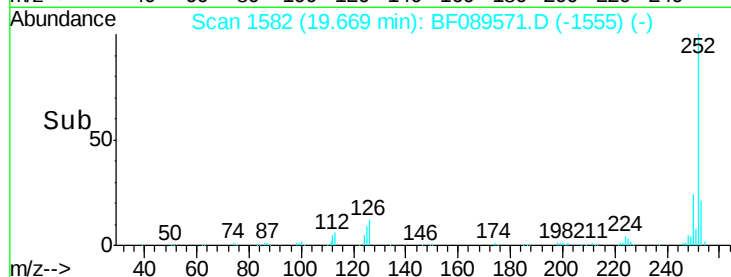
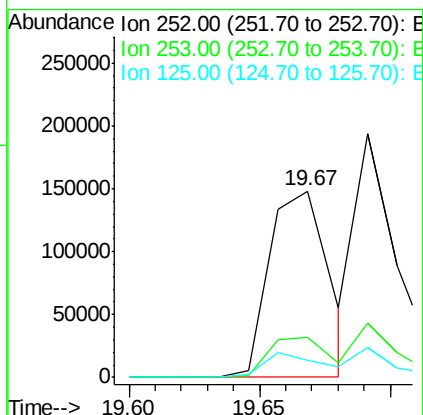
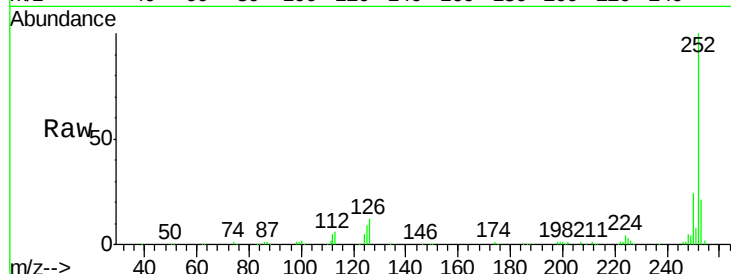
Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:	252	Resp:	234398
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	8.9	11.0	16.4#



#88

Benzo(k)fluoranthene

Concen: 59.64 ng

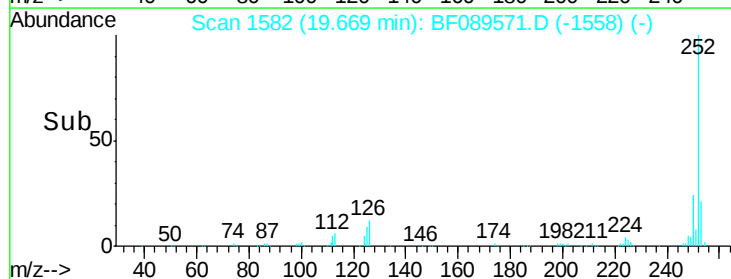
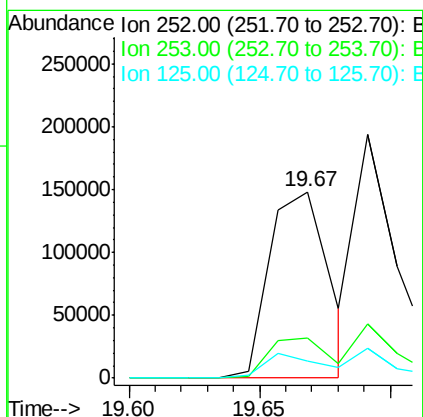
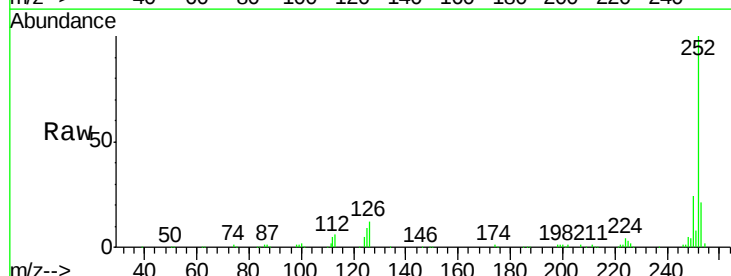
RT: 19.67 min Scan# 1582

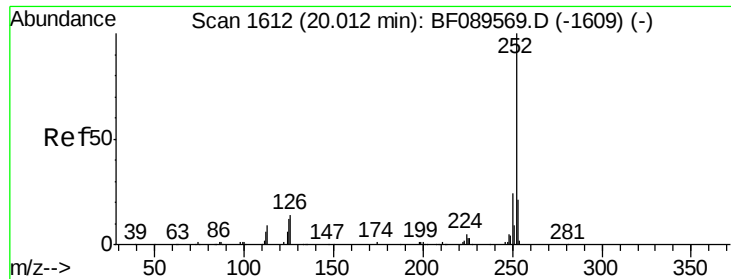
Delta R.T. -0.02 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Tgt Ion:	252	Resp:	234398
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	8.9	9.3	13.9#

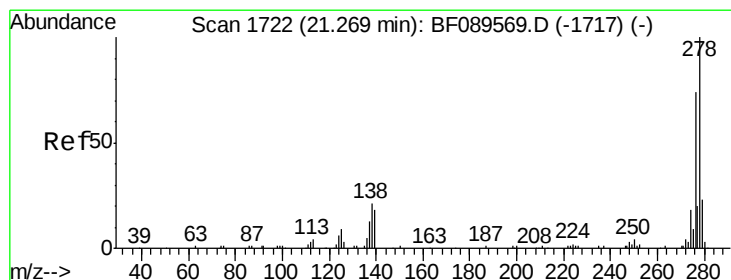
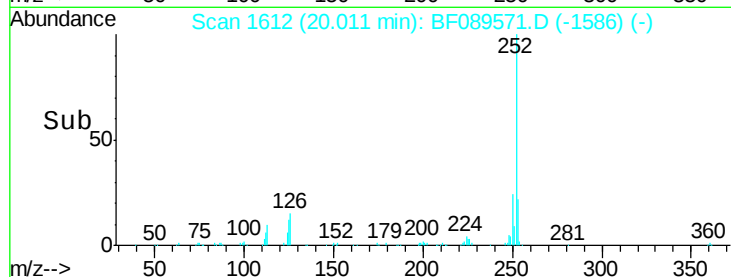
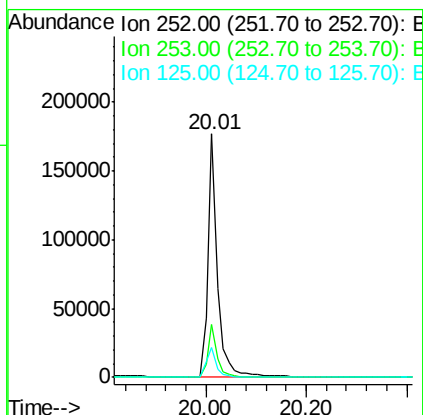
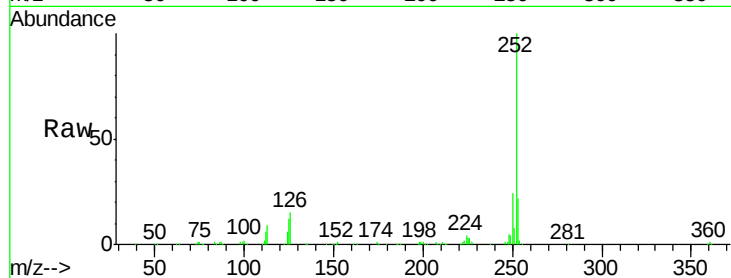




#89
Benzo(a)pyrene
Concen: 61.42 ng
RT: 20.01 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

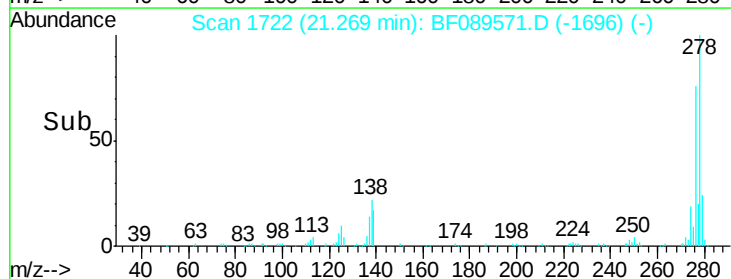
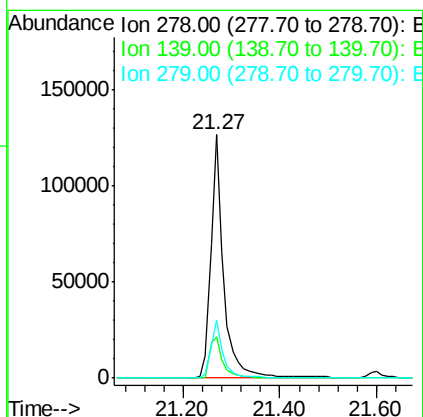
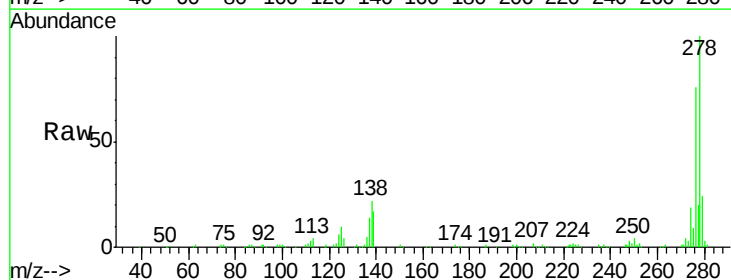
Instrument :
BNA_F
ClientSampleId :

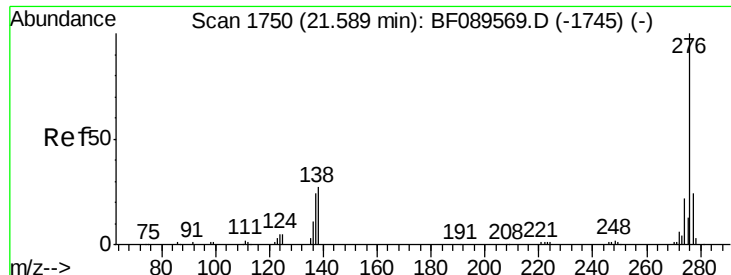
Tot Ion:252 Resp: 227203
Ion Ratio Lower Upper
252 100
253 21.9 16.6 24.8
125 12.0 9.4 14.0



#90
Dibenzo(a,h)anthracene
Concen: 68.07 ng
RT: 21.27 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BF089571.D
Acq: 3 Aug 2016 21:35

Tgt Ion:278 Resp: 238356
Ion Ratio Lower Upper
278 100
139 17.2 14.1 21.1
279 23.9 18.7 28.1





#91

Benzo(a,h,i)perylene

Concen: 65.94 ng

RT: 21.60 min Scan# 1751

Delta R.T. 0.01 min

Lab File: BF089571.D

Acq: 3 Aug 2016 21:35

Instrument :

BNA_F

ClientSampleId :

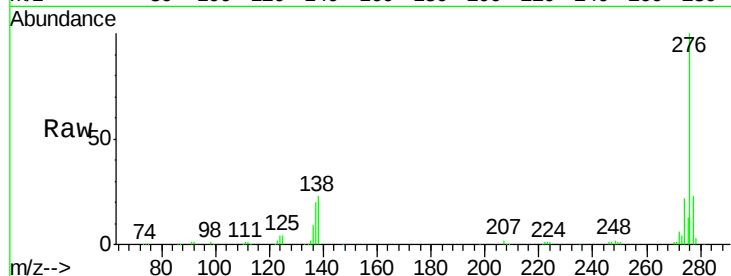
Tot Ion: 276 Resp: 241956

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 22.9 21.7 32.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

