

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
 Data File : BF088469.D
 Acq On : 27 Jun 2016 23:48
 Operator : UM/SJ
 Sample : H3630-08MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Quant Time: Jun 28 07:00:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	56945	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	220376	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	91475	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	147318	20.00	ng	0.00
75) Chrysene-d12	13.70	240	91716	20.00	ng	0.01
86) Perylene-d12	15.09	264	81025	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	494639	148.50	ng	0.00
7) Phenol-d6	6.23	99	592586	146.79	ng	-0.01
23) Nitrobenzene-d5	7.12	82	350269	92.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.38	330	112483	116.46	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	572621	99.27	ng	-0.01
78) Terphenyl-d14	12.64	244	379832	94.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.99	88	66097	40.84	ng	# 28
3) Pyridine	2.63	79	98847	25.87	ng	92
4) n-Nitrosodimethylamine	2.57	42	61228	37.83	ng	81
6) Aniline	6.25	93	72421	12.60	ng	# 3
8) 2-Chlorophenol	6.34	128	200112	50.75	ng	86
10) Phenol	6.24	94	252275	61.43	ng	91
11) bis(2-Chloroethyl)ether	6.30	93	233327	65.92	ng	# 79
12) 1,3-Dichlorobenzene	6.48	146	204924	48.44	ng	97
13) 1,4-Dichlorobenzene	6.56	146	219118	51.42	ng	98
14) 1,2-Dichlorobenzene	6.72	146	189421	48.88	ng	96
15) Benzyl Alcohol	6.72	79	139804	44.27	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.83	45	186464	38.99	ng	75
17) 2-Methylphenol	6.84	107	140361	43.90	ng	# 90
18) Hexachloroethane	7.05	117	77854	51.49	ng	97
19) n-Nitroso-di-n-propylamine	6.98	70	133285	51.61	ng	# 87
20) 3+4-Methylphenols	7.00	107	182617	48.95	ng	# 77
22) Acetophenone	6.97	105	259776	52.75	ng	# 98
24) Nitrobenzene	7.14	77	186015	50.88	ng	90
25) Isophorone	7.38	82	353558	50.58	ng	# 97
26) 2-Nitrophenol	7.46	139	99727	50.93	ng	# 80
27) 2,4-Dimethylphenol	7.52	122	155133	43.03	ng	93
28) bis(2-Chloroethoxy)methane	7.60	93	214944	49.58	ng	95
29) 2,4-Dichlorophenol	7.71	162	171083	56.83	ng	95
30) 1,2,4-Trichlorobenzene	7.78	180	158748	48.43	ng	99
31) Naphthalene	7.86	128	534552	49.02	ng	99
32) Benzoic acid	7.68	122	43208	21.76	ng	91
33) 4-Chloroaniline	7.94	127	81374	16.71	ng	98
34) Hexachlorobutadiene	7.98	225	87324	50.51	ng	97
35) Caprolactam	8.27	113	81121m	81.35	ng	
36) 4-Chloro-3-methylphenol	8.43	107	148070	45.99	ng	98
37) 2-Methylnaphthalene	8.55	142	318622	44.33	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	137430	72.49	ng	# 1
42) 2,4,6-Trichlorophenol	8.84	196	89221	48.77	ng	97
43) 2,4,5-Trichlorophenol	8.90	196	84163	44.22	ng	# 90

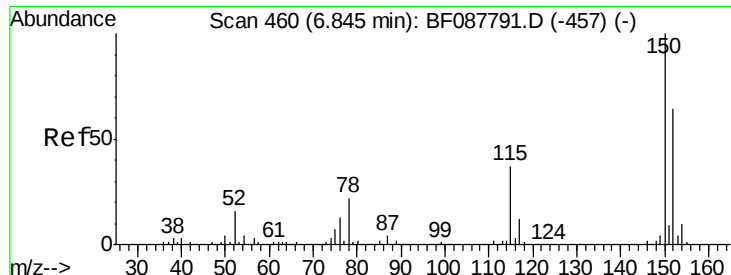
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.02	154	399058	60.22	nq	97
46) 2-Chloronaphthalene	9.04	162	303243	51.23	nq	98
47) 2-Nitroaniline	9.15	65	84993	48.67	nq	# 62
48) Acenaphthylene	9.45	152	436964	46.41	nq	99
49) Dimethylphthalate	9.32	163	400733	60.48	nq	99
50) 2,6-Dinitrotoluene	9.39	165	79931	52.67	nq	# 78
51) Acenaphthene	9.62	154	268838	45.77	nq	99
52) 3-Nitroaniline	9.56	138	55367	31.62	nq	# 83
53) 2,4-Dinitrophenol	9.70	184	4909	10.13	nq	# 1
54) Dibenzofuran	9.79	168	388271	48.00	nq	# 90
55) 4-Nitrophenol	9.77	139	46032m	33.87	nq	
56) 2,4-Dinitrotoluene	9.80	165	95614	49.03	nq	96
57) Fluorene	10.12	166	287654	53.54	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	68007	45.47	nq	# 50
59) Diethylphthalate	10.02	149	376303	56.10	nq	100
60) 4-Chlorophenyl-phenylether	10.12	204	133176	49.51	nq	97
61) 4-Nitroaniline	10.18	138	70916	42.70	nq	97
62) Azobenzene	10.28	77	311969	47.03	nq	94
64) 4,6-Dinitro-2-methylphenol	10.22	198	9734	12.27	nq	# 73
65) n-Nitrosodiphenylamine	10.25	169	291663	59.67	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	75396	47.71	nq	# 73
67) Hexachlorobenzene	10.67	284	74474	45.35	nq	97
68) Atrazine	10.79	200	75745	51.17	nq	94
69) Pentachlorophenol	10.88	266	65802	76.02	nq	96
70) Phenanthrene	11.08	178	380035	49.16	nq	99
71) Anthracene	11.14	178	380172	48.75	nq	98
72) Carbazole	11.30	167	372475	51.04	nq	99
73) Di-n-butylphthalate	11.63	149	444201	48.09	nq	99
74) Fluoranthene	12.27	202	358623	43.96	nq	96
76) Benzidine	12.42	184	12363	4.87	nq	# 15
77) Pyrene	12.50	202	342451	50.32	nq	98
79) Butylbenzylphthalate	13.12	149	158117	52.55	nq	# 79
80) Benzo(a)anthracene	13.69	228	246431	47.15	nq	98
81) 3,3'-Dichlorobenzidine	13.66	252	47302	33.65	nq	# 93
82) Chrysene	13.73	228	246439	50.12	nq	98
83) Bis(2-ethylhexyl)phthalate	13.69	149	186261	50.85	nq	# 99
84) Di-n-octyl phthalate	14.31	149	311549	52.34	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.34	276	244396	53.50	nq	# 100
87) Benzo(b)fluoranthene	14.71	252	206814m	36.62	nq	
88) Benzo(k)fluoranthene	14.73	252	238098m	55.89	nq	
89) Benzo(a)pyrene	15.03	252	211454	46.28	nq	# 86
90) Dibenzo(a,h)anthracene	16.34	278	207753	48.96	nq	# 94
91) Benzo(g,h,i)perylene	16.71	276	201247	46.10	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

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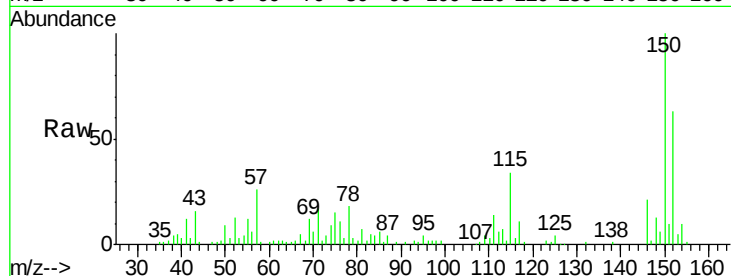
Tot Ion:152 Resp: 56945

Ion Ratio Lower Upper

152 100

150 159.3 123.8 185.6

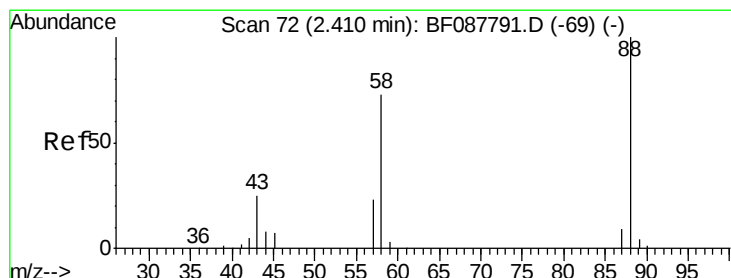
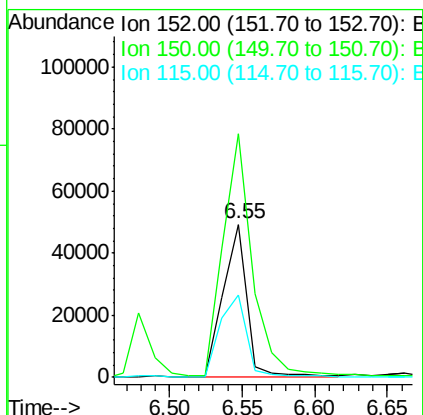
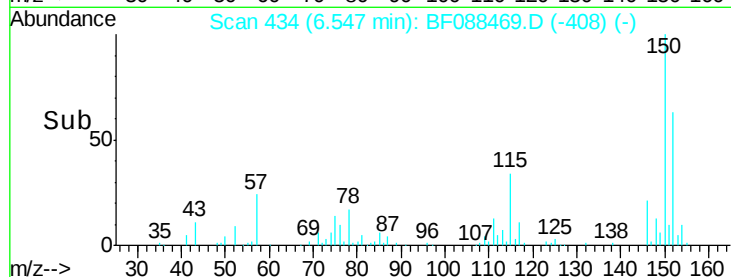
115 54.3 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.84 ng

RT: 1.99 min Scan# 35

Delta R.T. 0.05 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

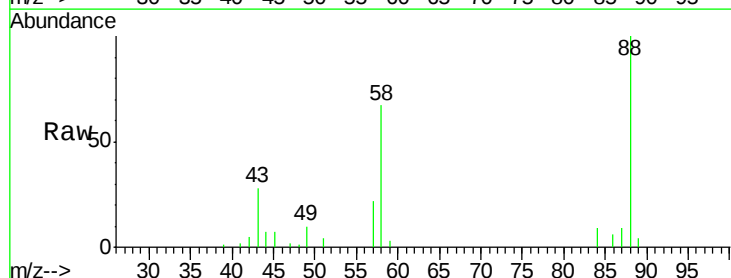
Tgt Ion: 88 Resp: 66097

Ion Ratio Lower Upper

88 100

58 67.6 0.0 0.0#

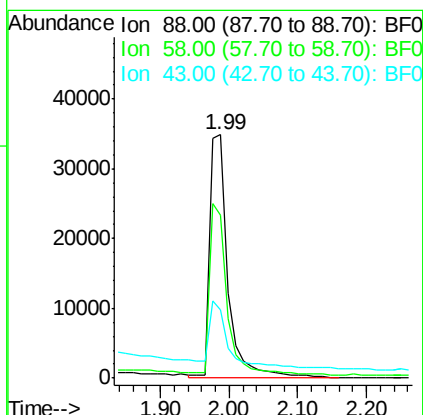
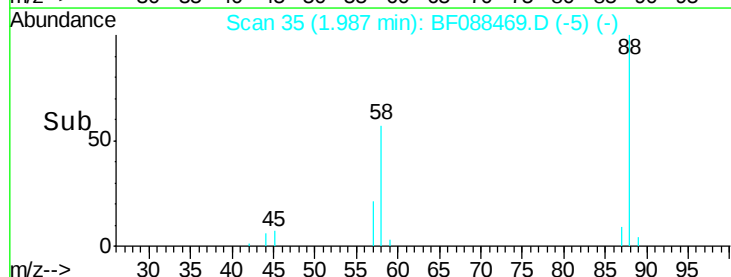
43 28.0 3.4 5.2#

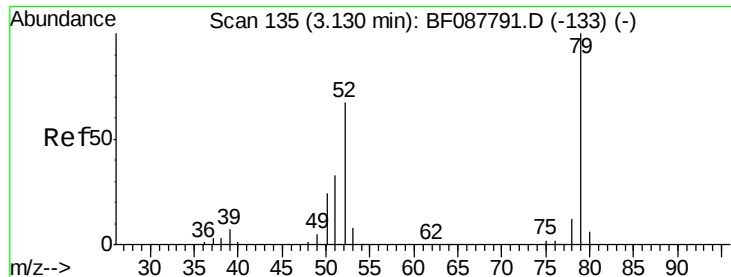


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 25.87 ng

RT: 2.63 min Scan# 91

Delta R.T. 0.07 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

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B1409-TP03E-1224MS

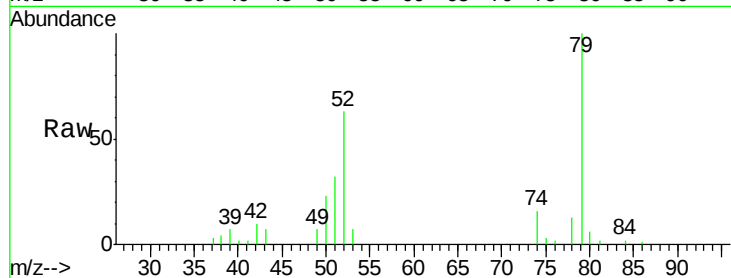
Tot Ion: 79 Resp: 98847

Ion Ratio Lower Upper

79 100

52 62.6 56.3 84.5

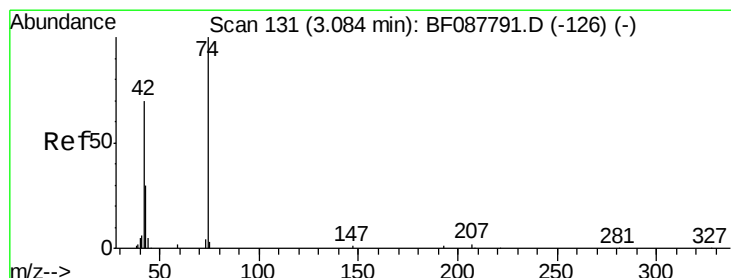
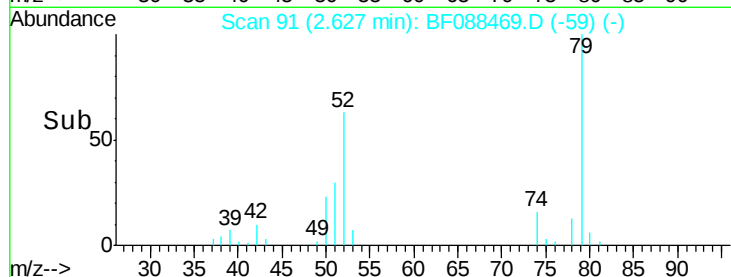
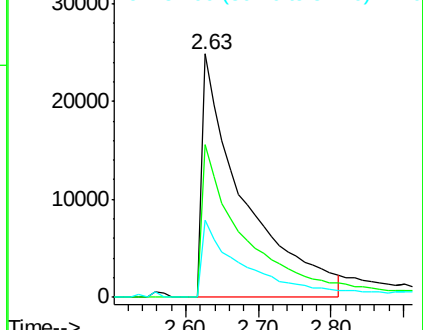
51 32.0 27.4 41.2



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: 37.83 ng

RT: 2.57 min Scan# 86

Delta R.T. 0.02 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

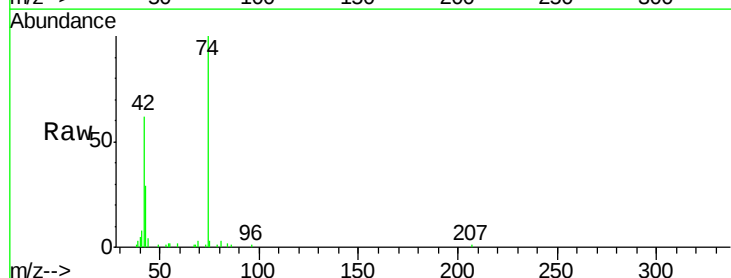
Tgt Ion: 42 Resp: 61228

Ion Ratio Lower Upper

42 100

74 160.1 108.6 163.0

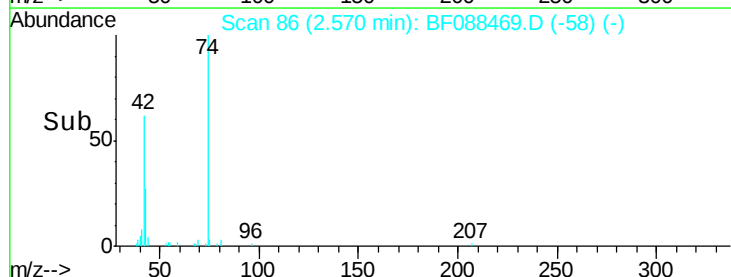
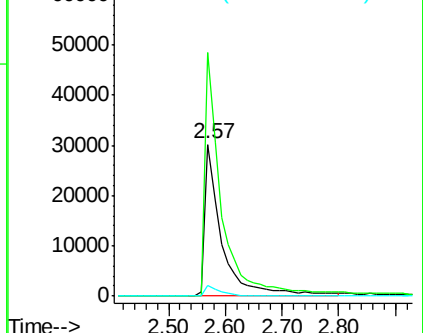
44 6.9 5.5 8.3

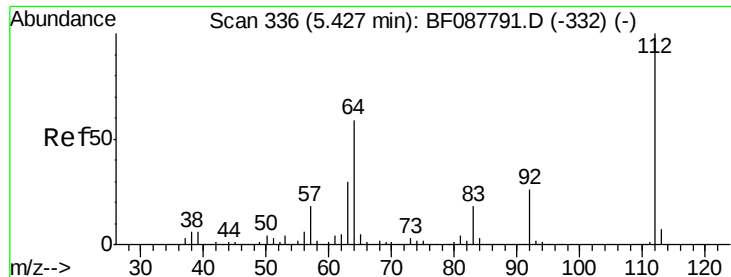


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 148.50 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

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ClientSampleId :

B1409-TP03E-1224MS

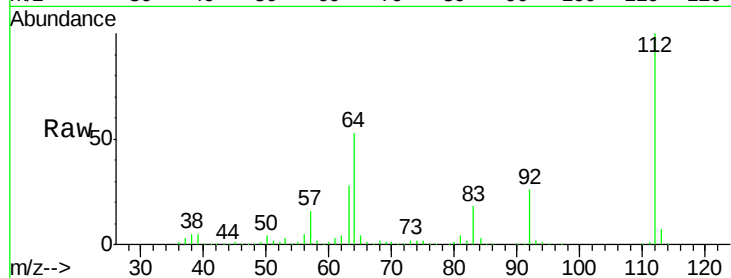
Tot Ion:112 Resp: 494639

Ion Ratio Lower Upper

112 100

64 52.9 42.2 63.2

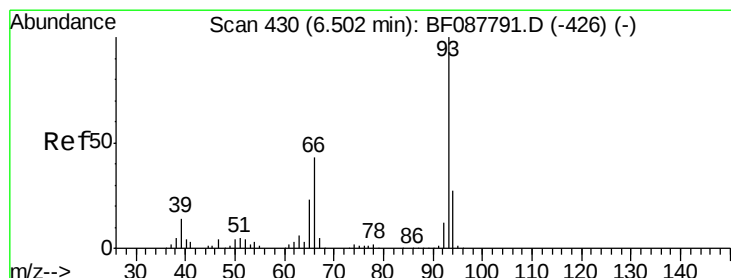
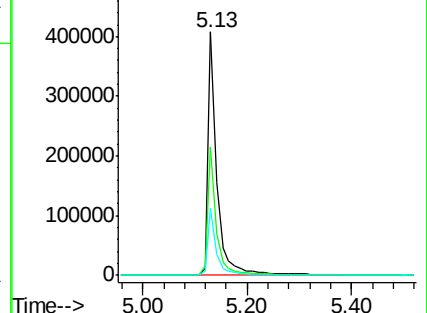
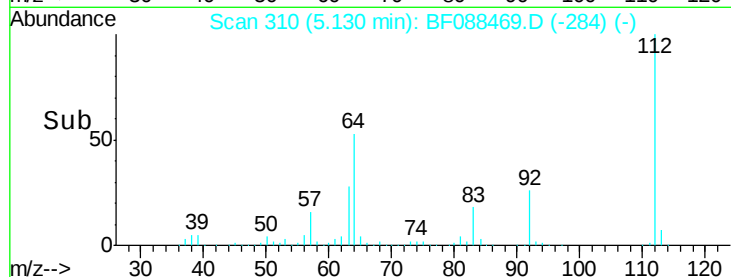
63 27.8 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.60 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.02 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

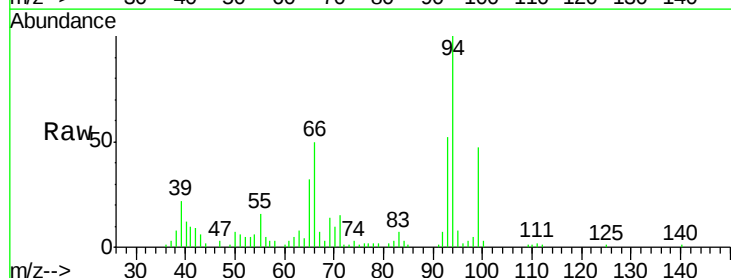
Tgt Ion: 93 Resp: 72421

Ion Ratio Lower Upper

93 100

66 95.2 29.8 44.8#

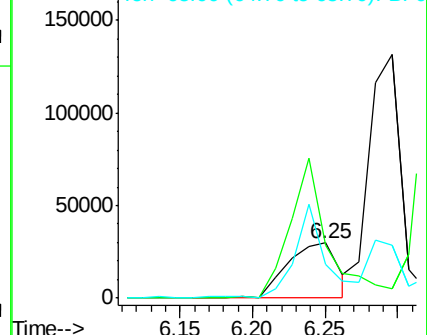
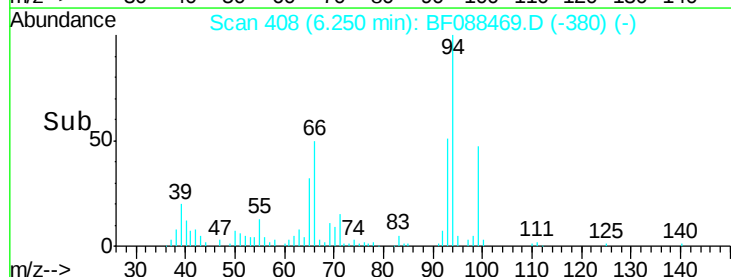
65 61.9 14.9 22.3#

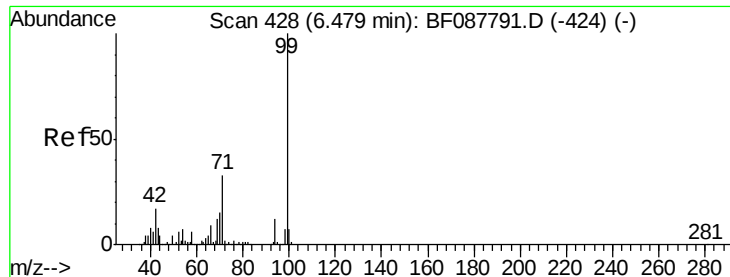


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 146.79 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF088469.D

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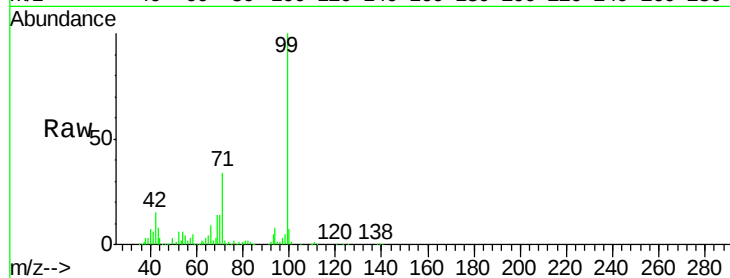
Tot Ion: 99 Resp: 592586

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

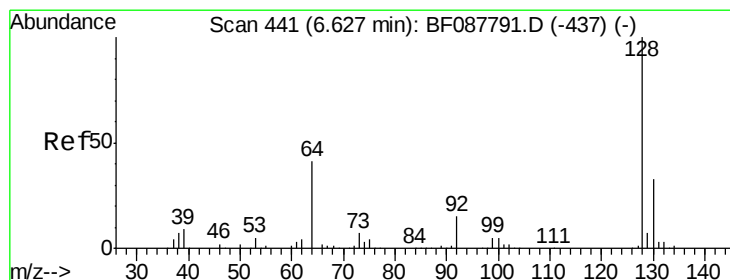
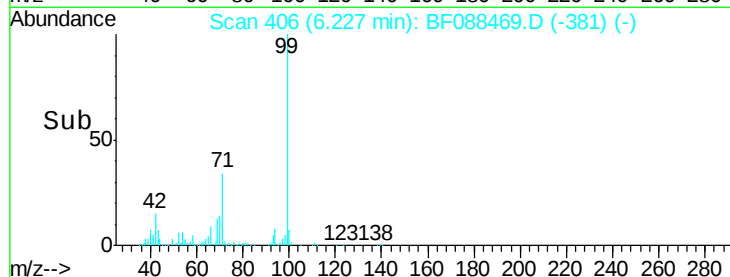
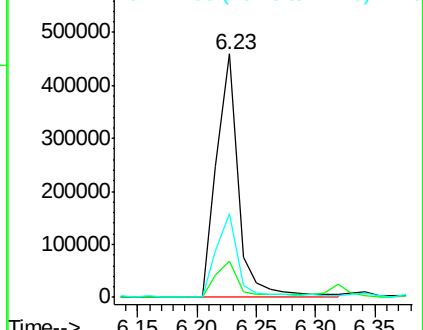
71 34.2 23.4 35.0



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: 50.75 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

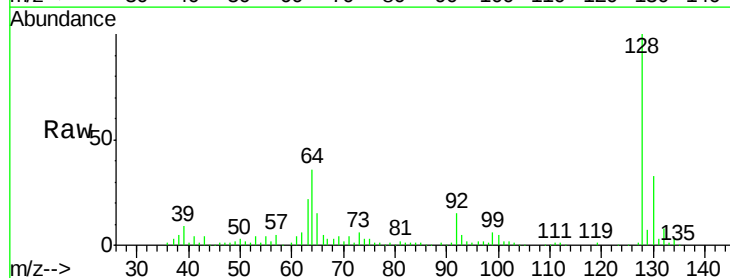
Tgt Ion: 128 Resp: 200112

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

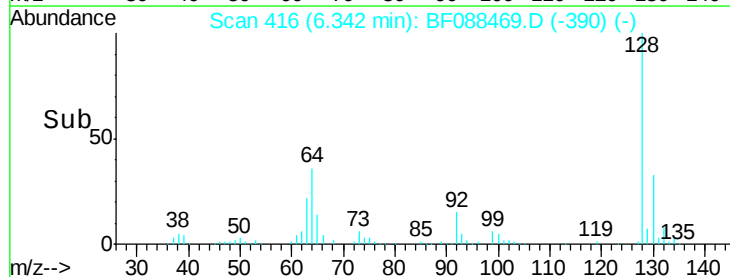
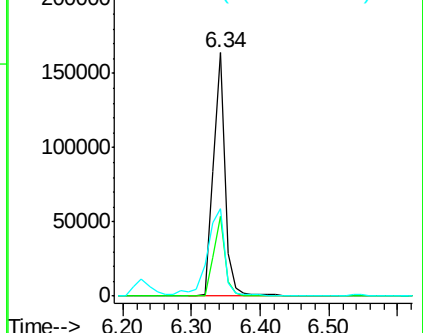
64 35.8 30.8 70.8

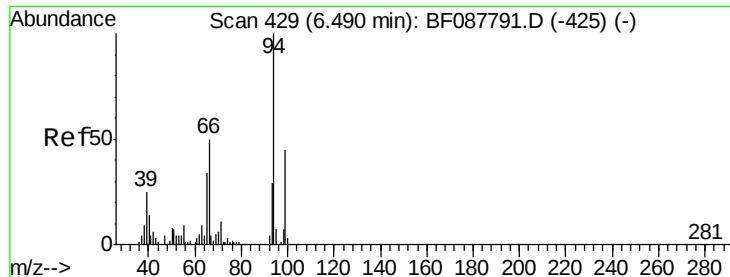


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 61.43 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

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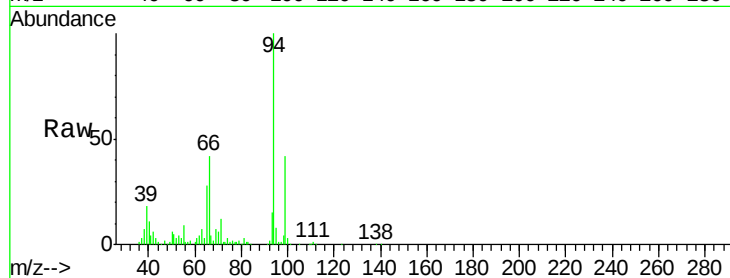
Tot Ion: 94 Resp: 252275

Ion Ratio Lower Upper

94 100

65 27.9 5.9 45.9

66 41.7 14.0 54.0



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

250000

200000

150000

100000

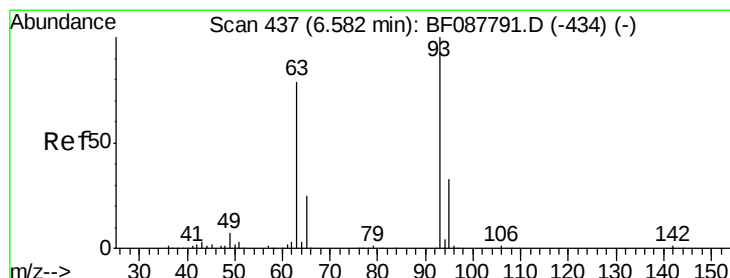
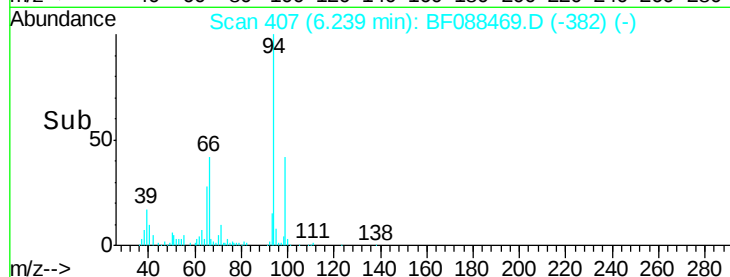
50000

0

6.10 6.20 6.30 6.40

6.24

Time-->



#11

bis(2-Chloroethyl)ether

Concen: 65.92 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

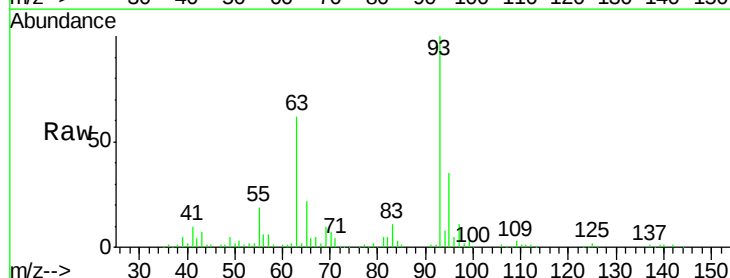
Tgt Ion: 93 Resp: 233327

Ion Ratio Lower Upper

93 100

63 61.8 67.6 107.6#

95 34.7 12.5 52.5



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

150000

100000

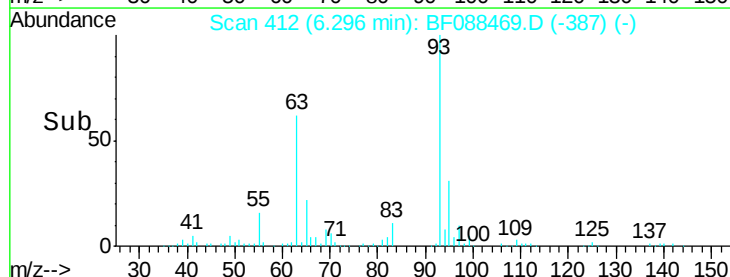
50000

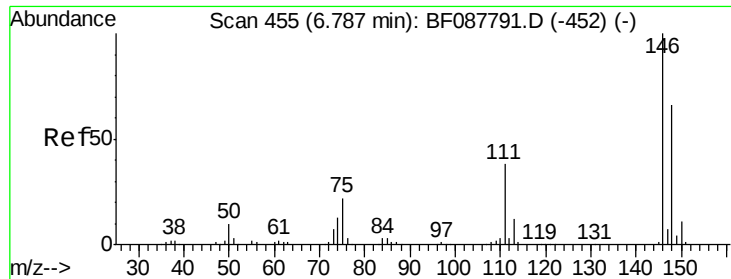
0

6.20 6.40 6.60

6.30

Time-->

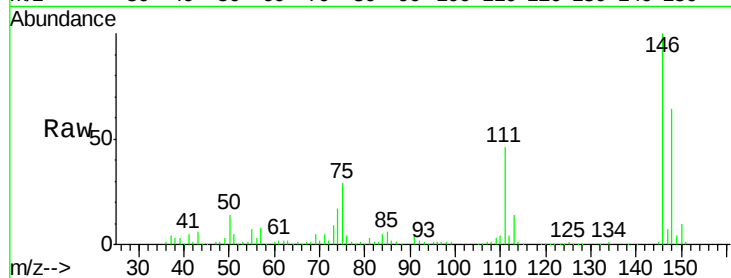




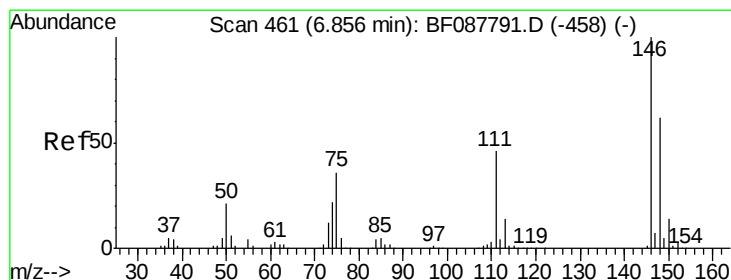
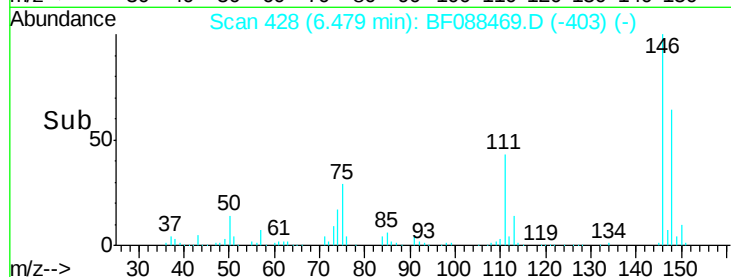
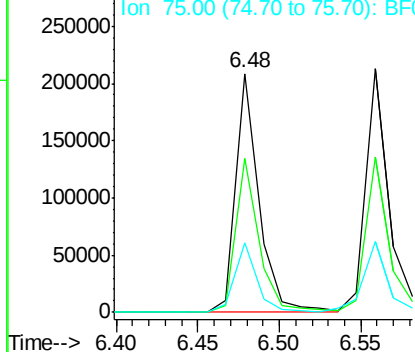
#12
 1,3-Dichlorobenzene
 Concen: 48.44 ng
 RT: 6.48 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.9	76.3
75	29.0	25.6	38.4

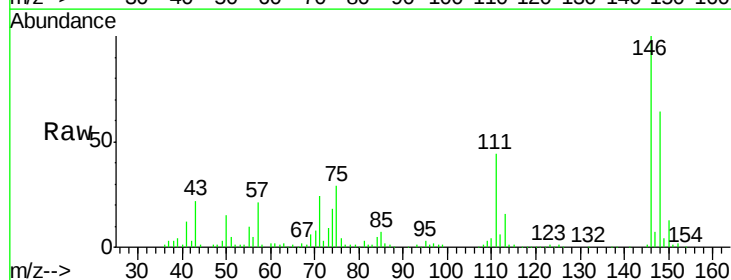


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

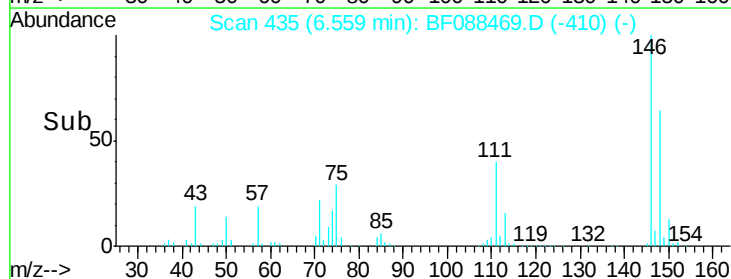
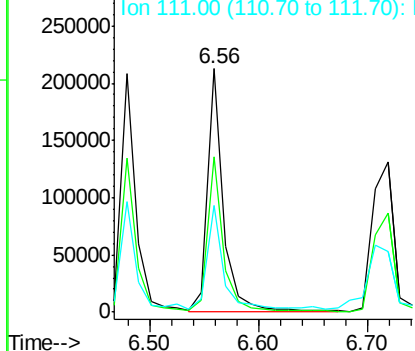


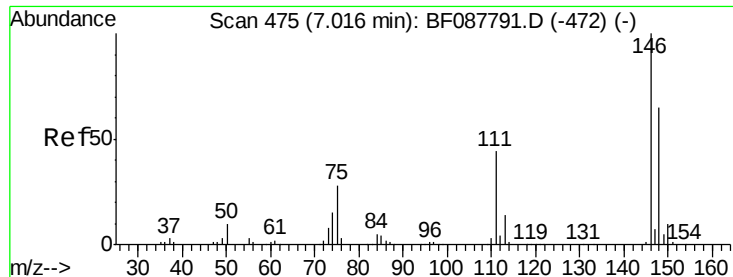
#13
 1,4-Dichlorobenzene
 Concen: 51.42 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.0	78.0
111	43.6	33.8	50.8



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: 48.88 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

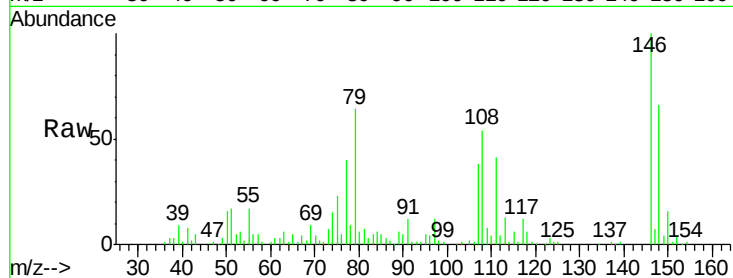
Tot Ion:146 Resp: 189421

Ion Ratio Lower Upper

146 100

148 66.4 52.3 78.5

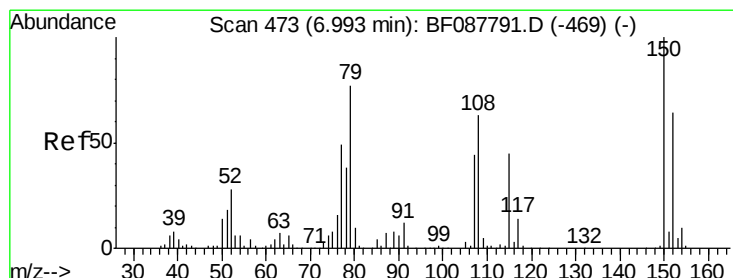
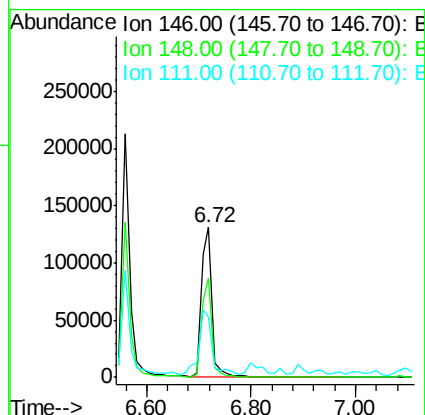
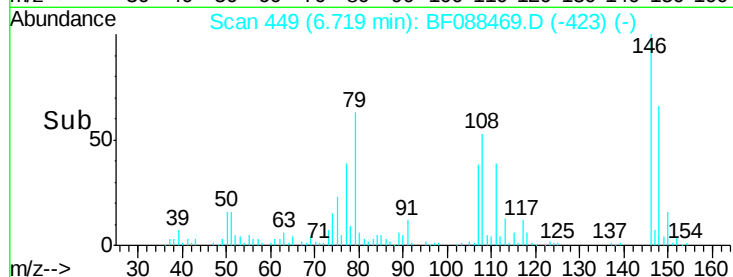
111 40.6 28.7 43.1



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: 44.27 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

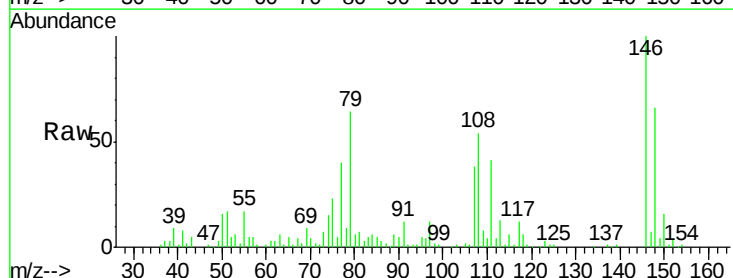
Tgt Ion: 79 Resp: 139804

Ion Ratio Lower Upper

79 100

108 84.0 65.0 97.6

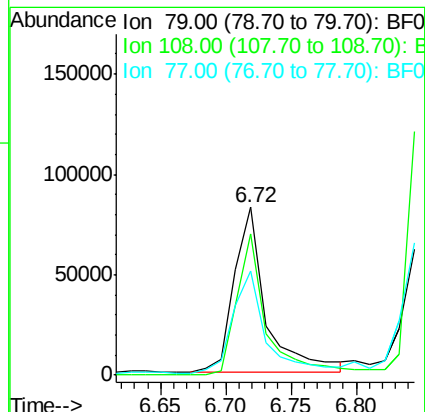
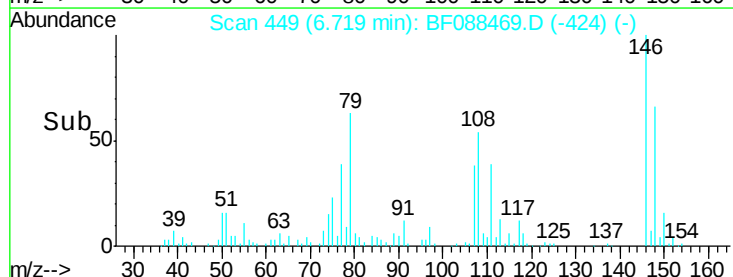
77 62.2 50.3 75.5

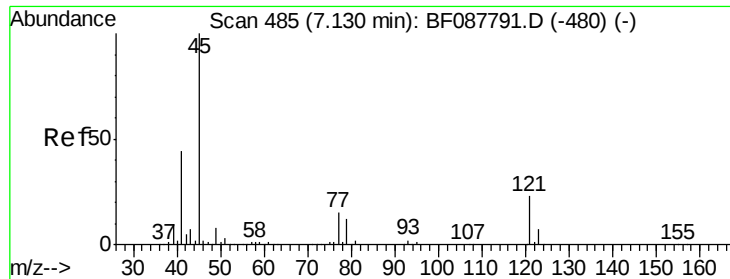


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

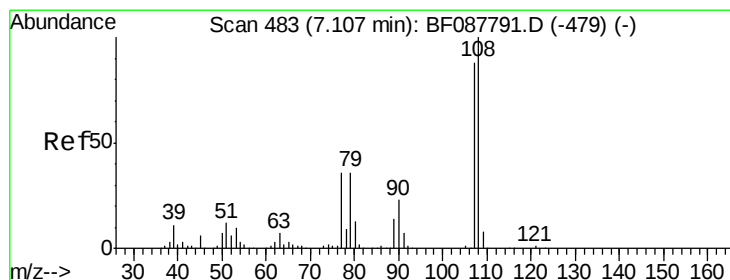
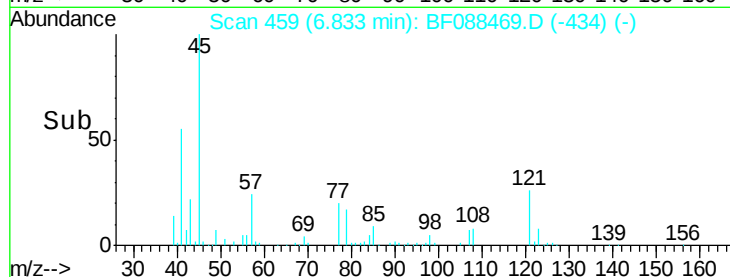
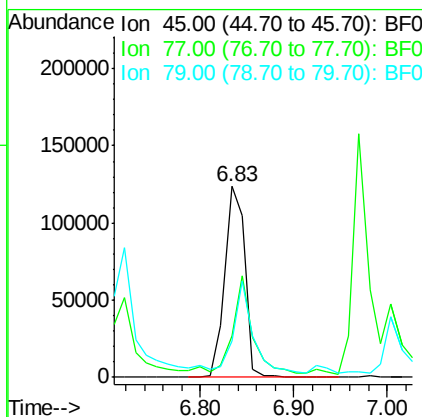
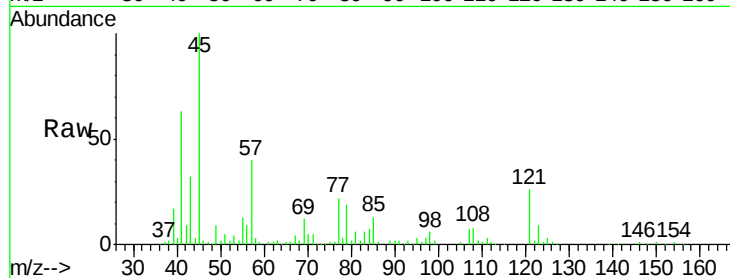




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.99 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

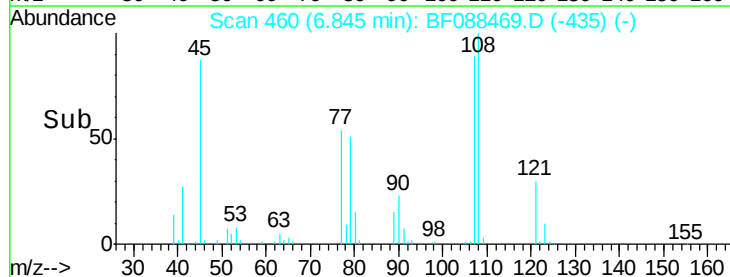
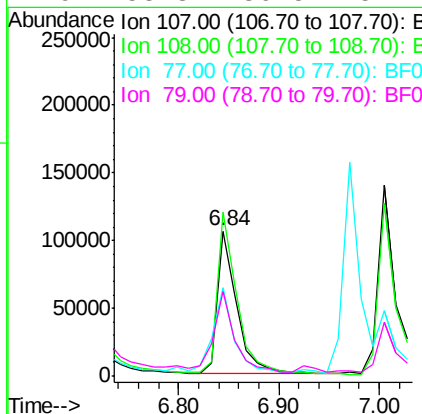
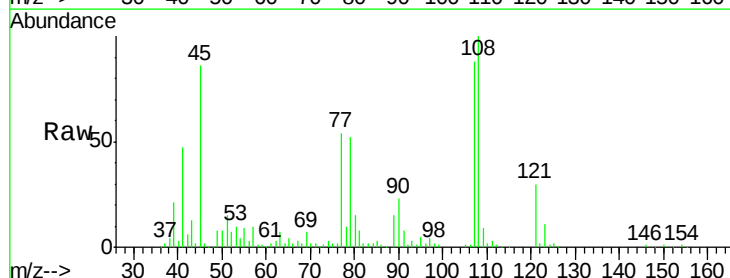
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

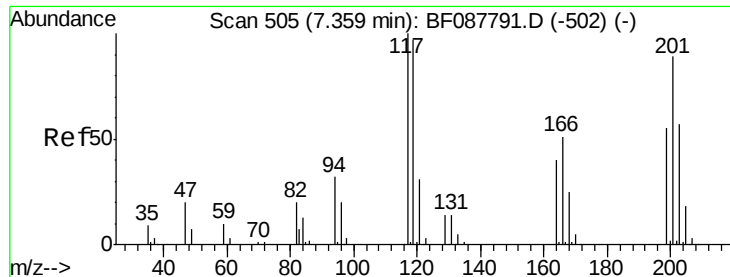
Tot Ion	45	Resp	186464
Ion Ratio	100		
Lower		0.0	
Upper		32.5	
77	21.9		
79	19.0		
Lower		0.0	
Upper		29.5	



#17
2-Methylphenol
Concen: 43.90 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Tgt Ion	107	Resp	140361
Ion Ratio	100		
Lower		90.9	
Upper		136.3	
108	113.1		
77	61.3		
79	58.3		
Lower		36.6	
Upper		55.0#	
79	58.3		
Lower		36.5	
Upper		54.7#	

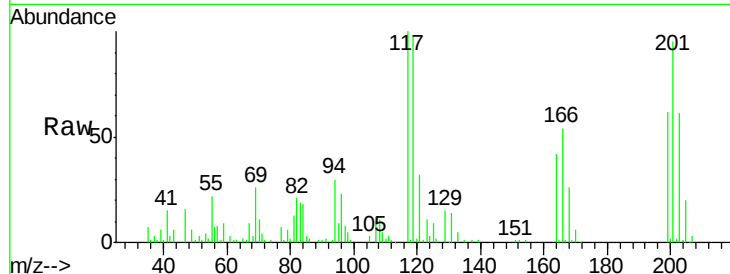




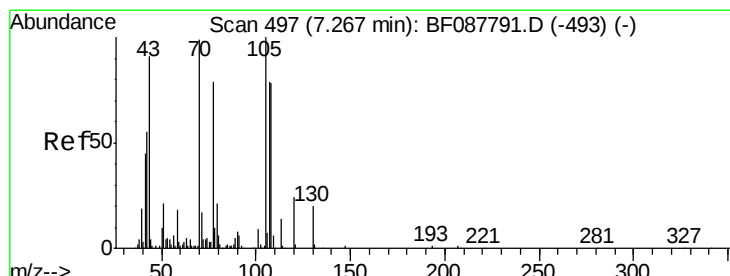
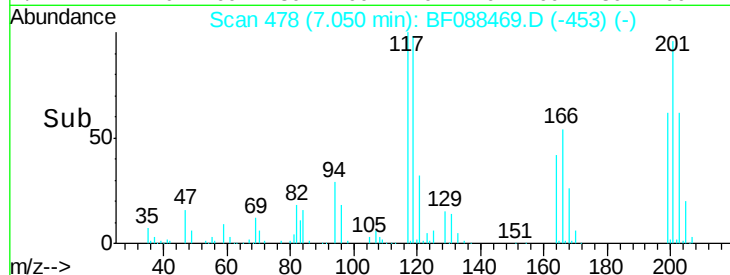
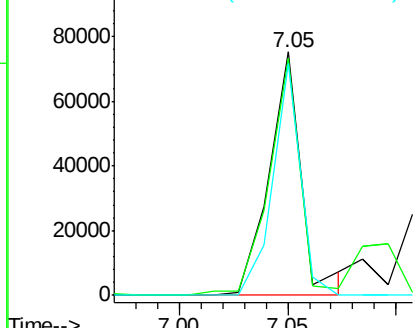
#18
Hexachloroethane
Concen: 51.49 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion:117 Resp: 77854
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.2
201 95.4 80.4 120.6

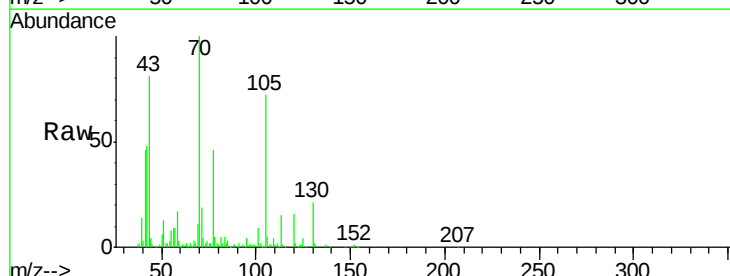


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

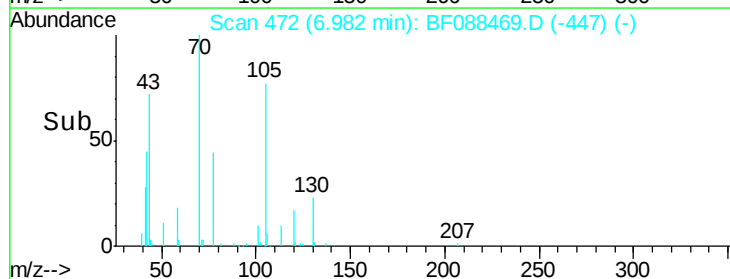
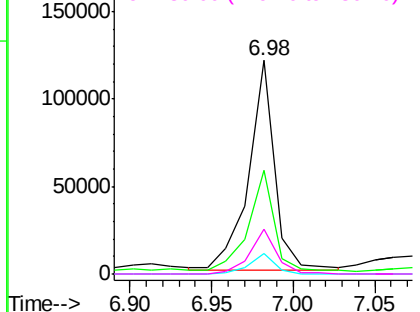


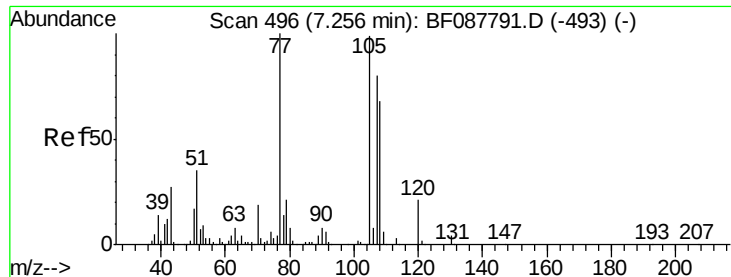
#19
n-Nitroso-di-n-propylamine
Concen: 51.61 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Tgt Ion: 70 Resp: 133285
Ion Ratio Lower Upper
70 100
42 48.3 49.6 74.4#
101 9.5 7.1 10.7
130 21.0 15.4 23.2



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: 48.95 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

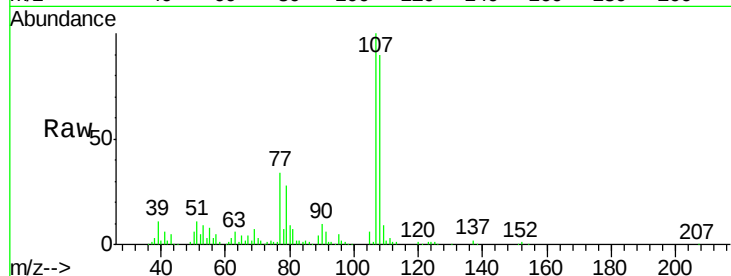
Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion:	107	Resp:	182617
Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.8	107.8
77	34.0	59.3	99.3#
79	27.9	7.0	47.0

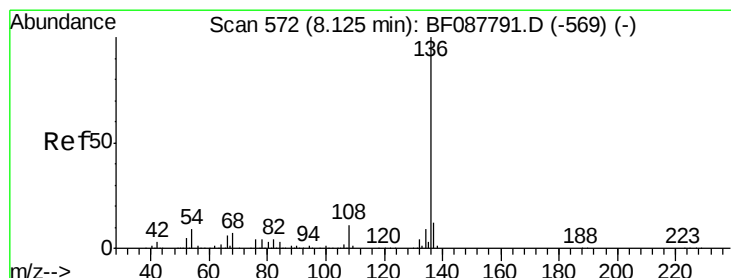
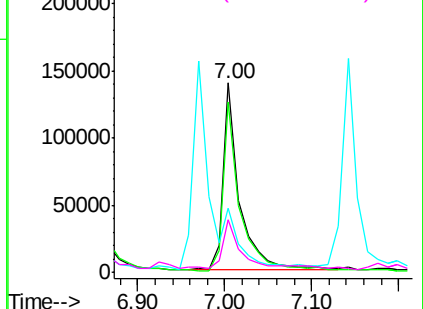
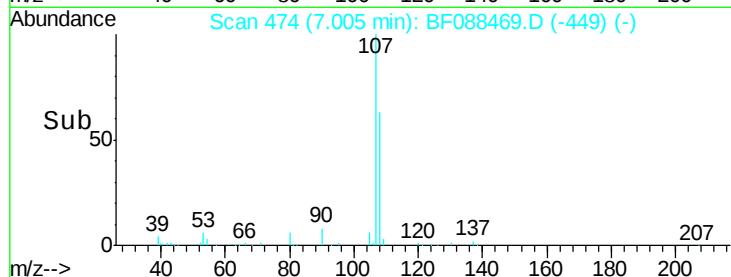


Abundance Ion 107.00 (106.70 to 107.70): E

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

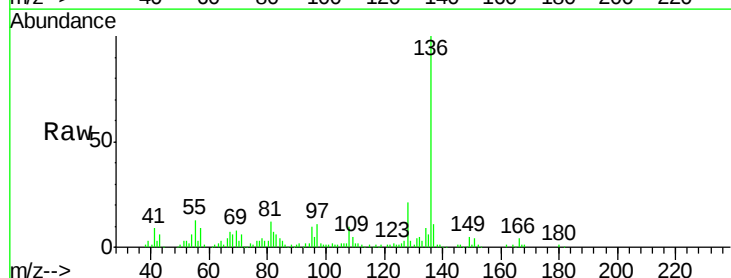
RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Tgt Ion:	136	Resp:	220376
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.1	6.6	10.0#
68	5.7	5.1	7.7

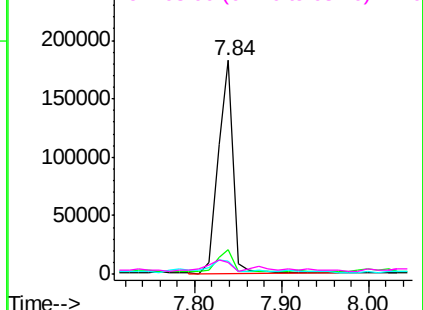
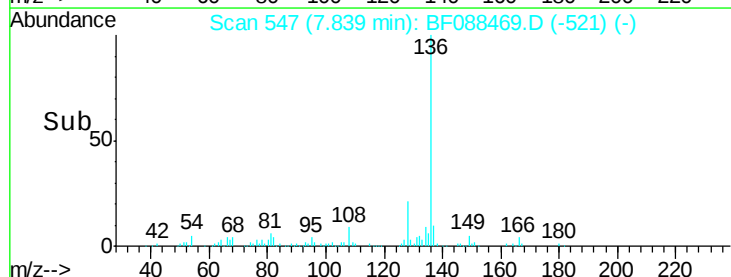


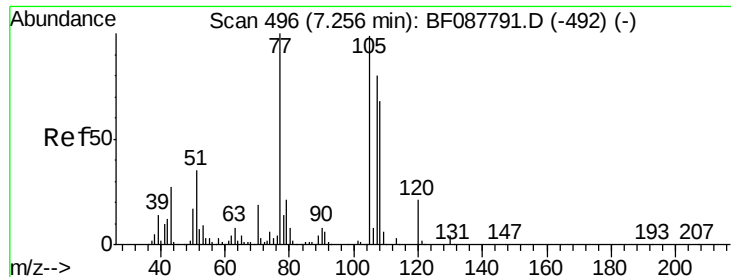
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 52.75 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tot Ion:105 Resp: 259776

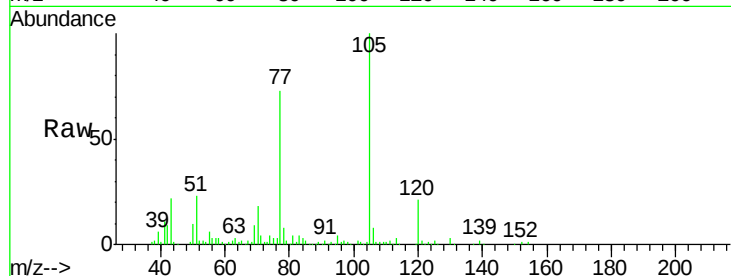
Ion Ratio Lower Upper

105 100

71 3.9 5.3 7.9#

51 22.8 18.2 27.4

120 21.0 18.0 27.0

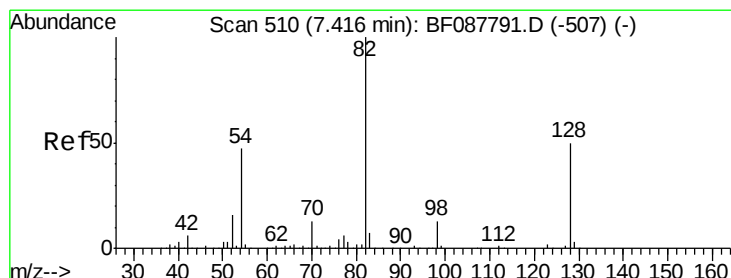
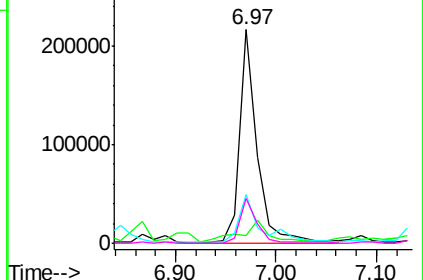
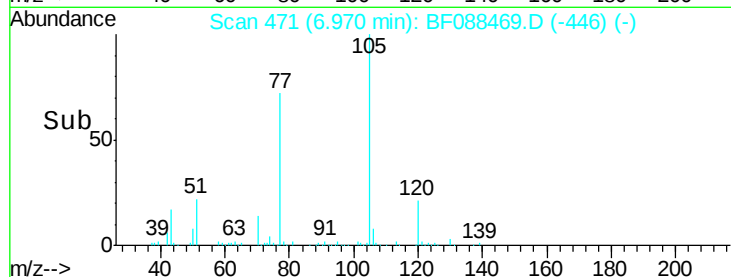


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 92.81 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

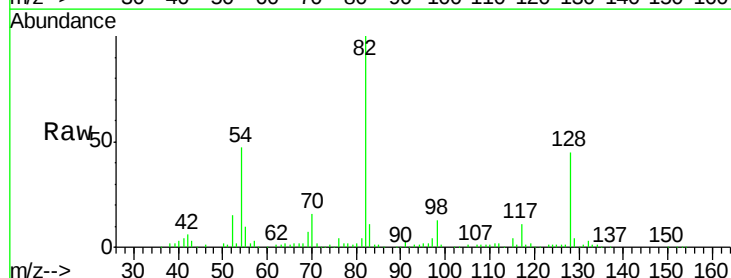
Tgt Ion: 82 Resp: 350269

Ion Ratio Lower Upper

82 100

128 44.7 35.9 53.9

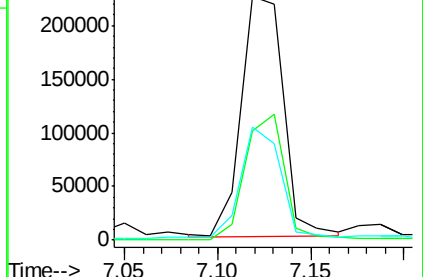
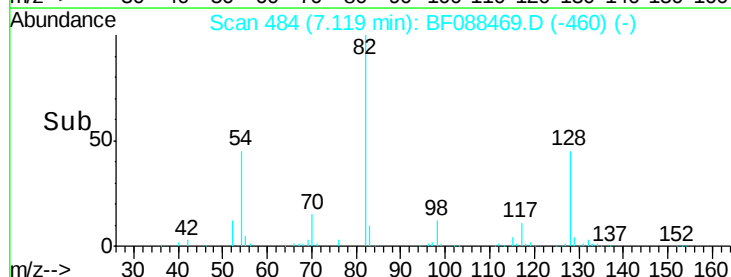
54 46.5 40.9 61.3

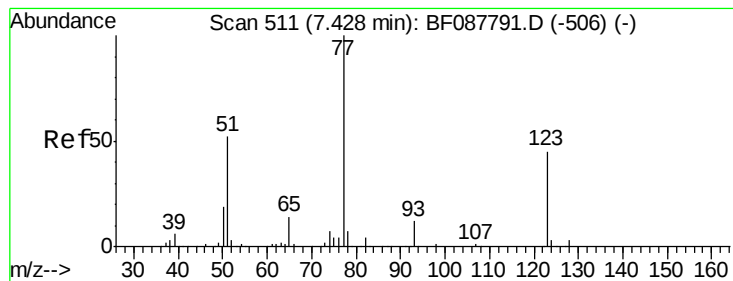


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 50.88 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

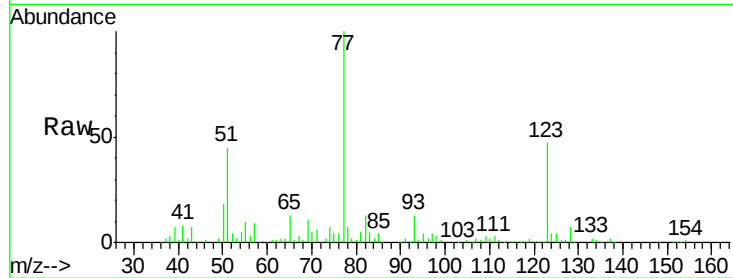
Tot Ion: 77 Resp: 186015

Ion Ratio Lower Upper

77 100

123 47.2 45.0 67.4

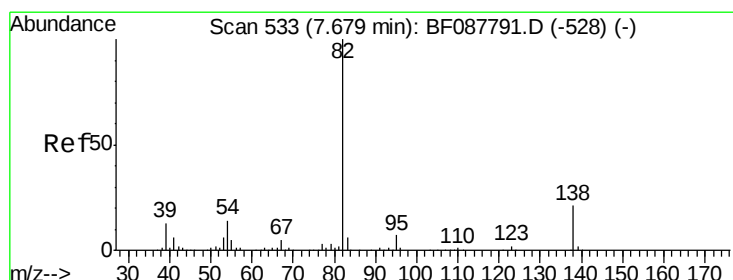
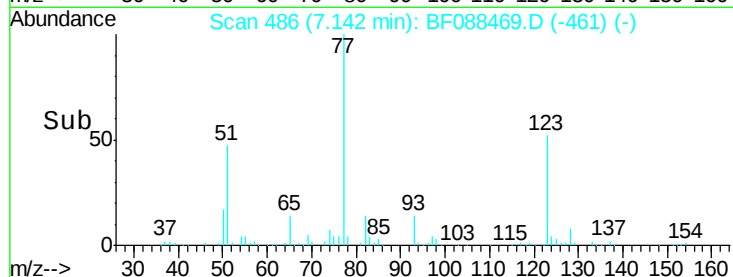
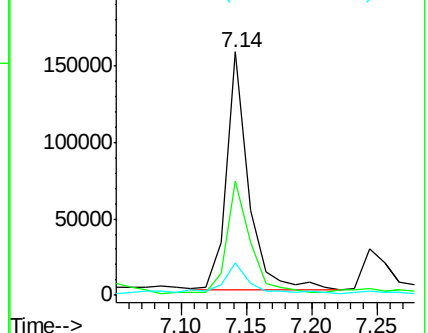
65 13.4 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 50.58 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

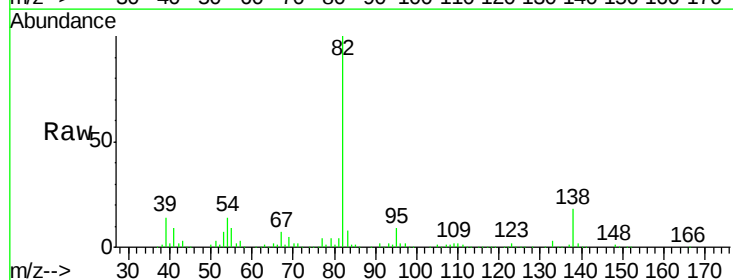
Tgt Ion: 82 Resp: 353558

Ion Ratio Lower Upper

82 100

95 9.4 5.4 8.2#

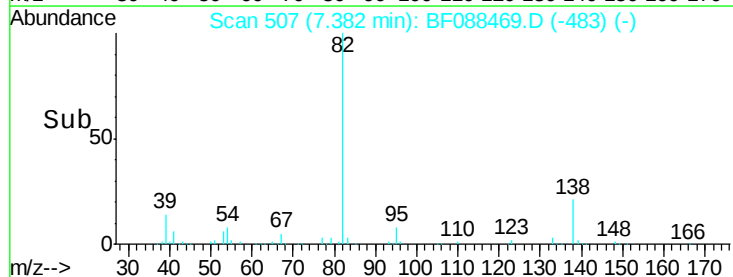
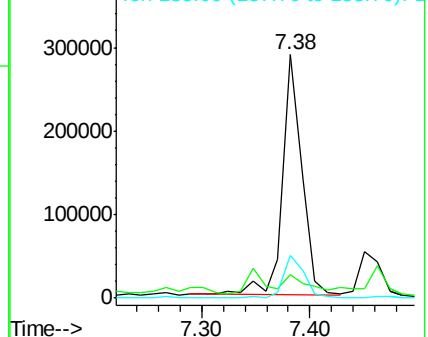
138 17.8 14.6 21.8

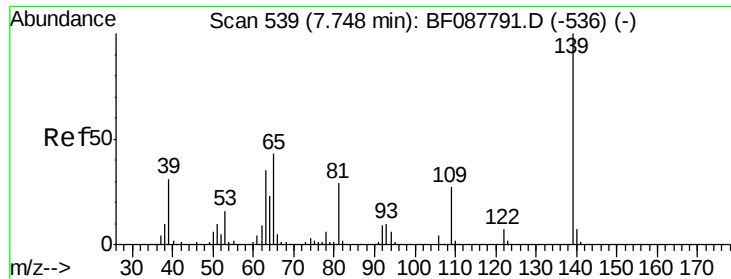


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

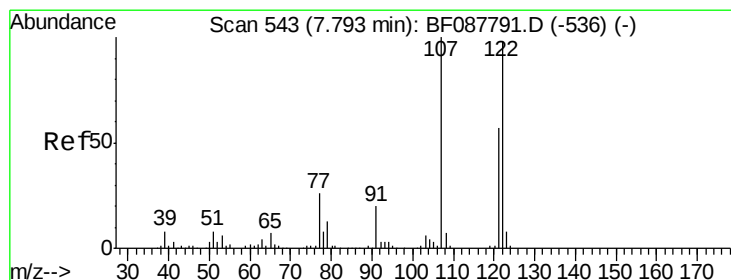
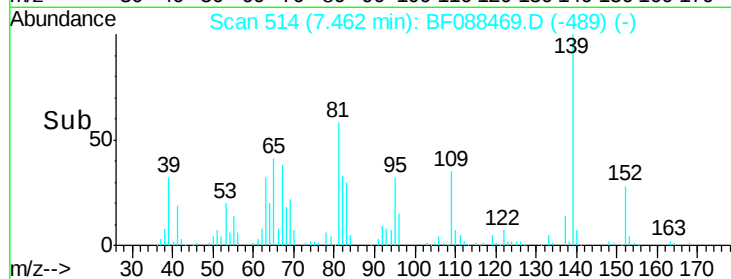
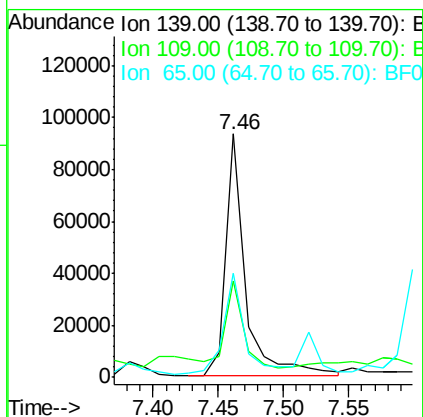
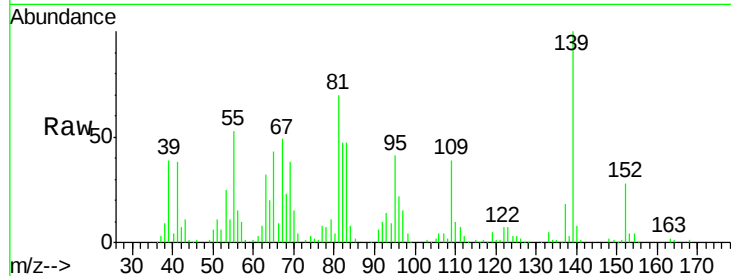




#26
2-Nitrophenol
Concen: 50.93 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

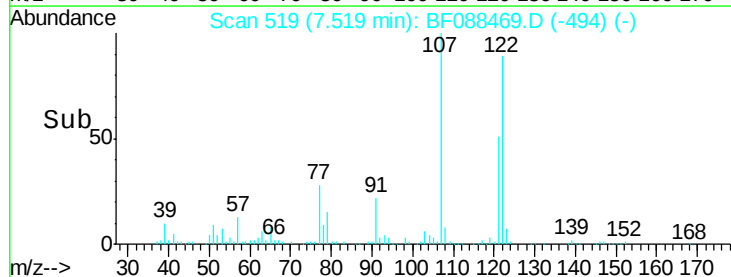
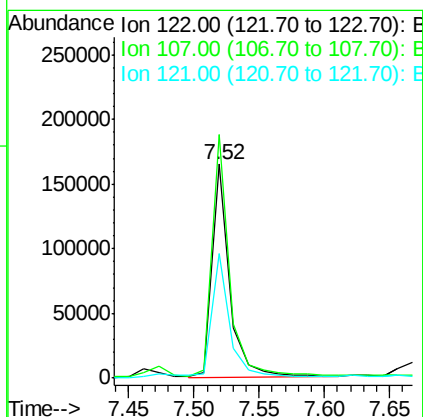
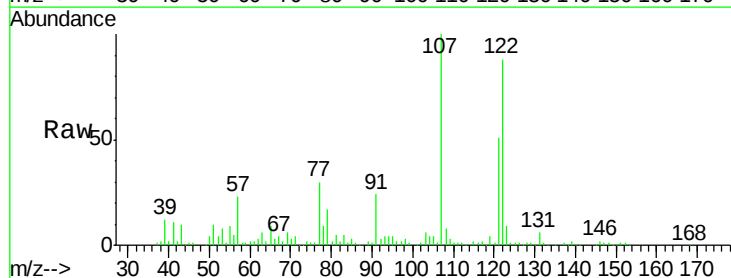
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

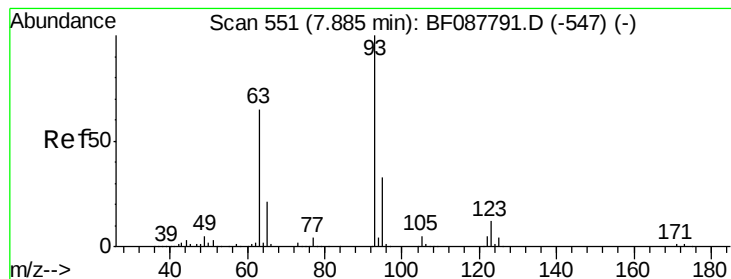
Tot Ion:139 Resp: 99727
Ion Ratio Lower Upper
139 100
109 39.4 23.0 34.4#
65 42.7 45.8 68.8#



#27
2,4-Dimethylphenol
Concen: 43.03 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Tgt Ion:122 Resp: 155133
Ion Ratio Lower Upper
122 100
107 113.9 82.4 123.6
121 58.4 46.3 69.5





#28

bis(2-Chloroethoxy)methane

Concen: 49.58 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

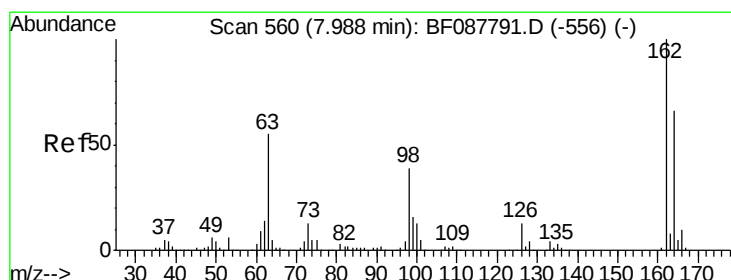
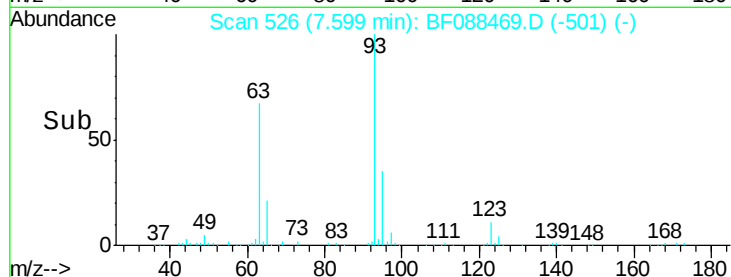
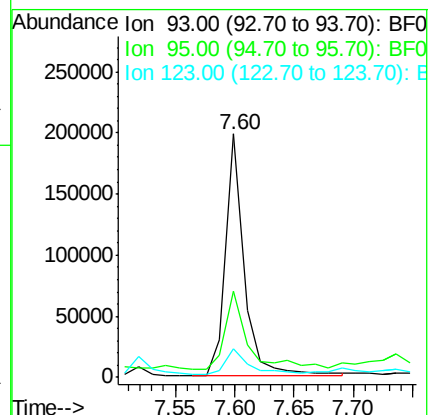
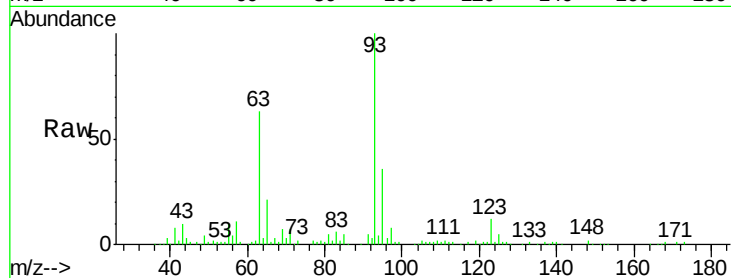
Tot Ion: 93 Resp: 214944

Ion Ratio Lower Upper

93 100

95 35.6 26.5 39.7

123 11.6 11.6 17.4



#29

2,4-Dichlorophenol

Concen: 56.83 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

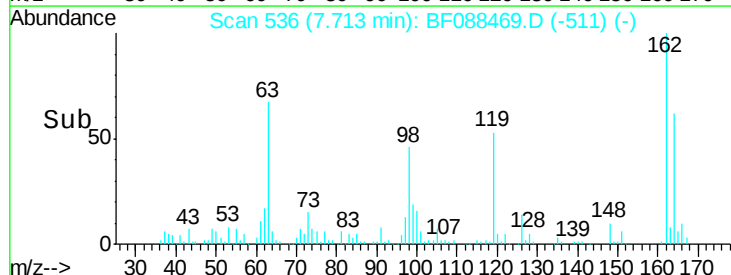
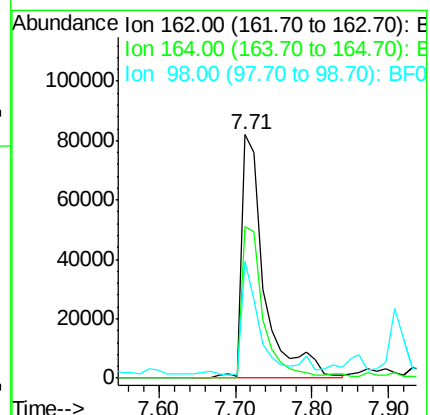
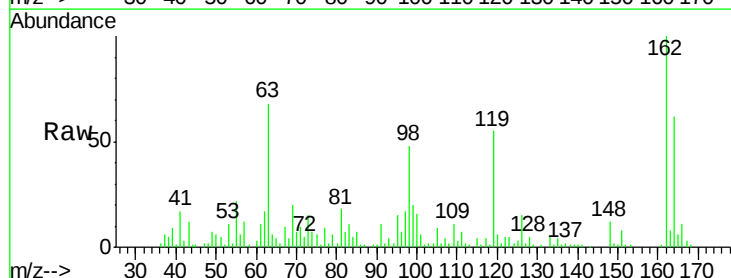
Tgt Ion: 162 Resp: 171083

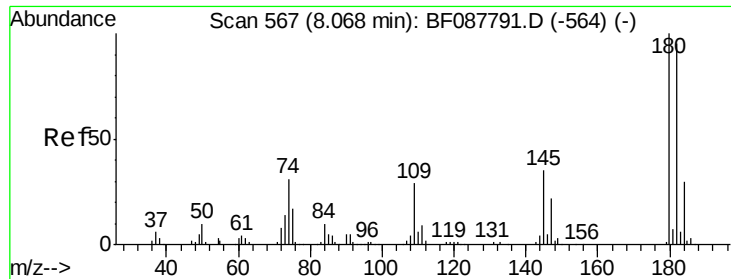
Ion Ratio Lower Upper

162 100

164 62.4 43.8 83.8

98 47.9 21.3 61.3

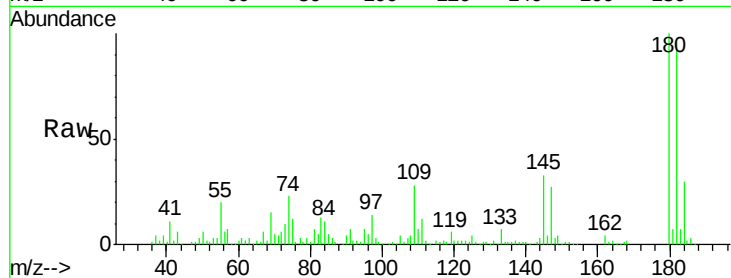




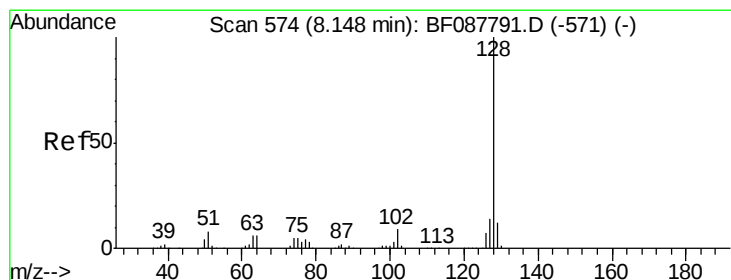
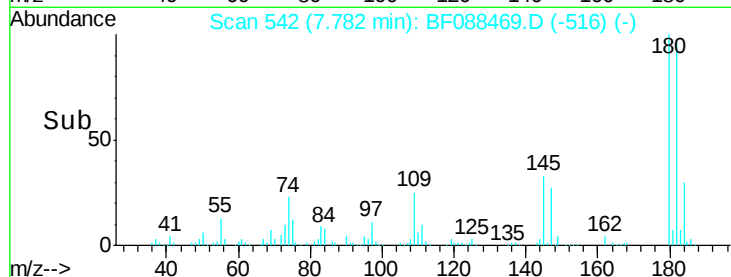
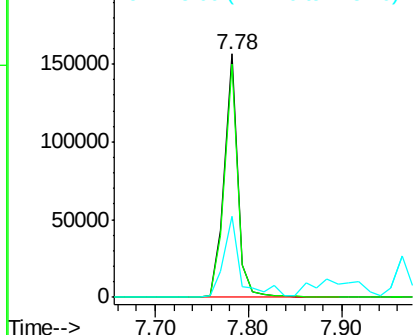
#30
1,2,4-Trichlorobenzene
Concen: 48.43 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion:180 Resp: 158748
Ion Ratio Lower Upper
180 100
182 96.1 76.0 114.0
145 33.3 26.5 39.7

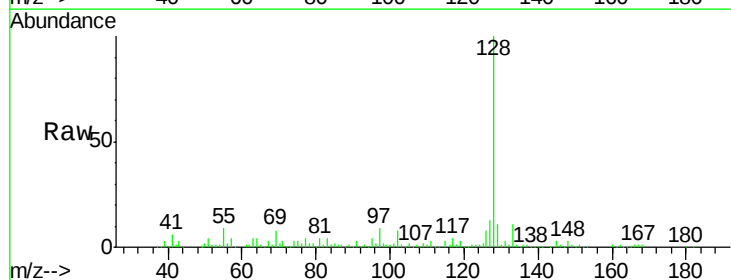


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

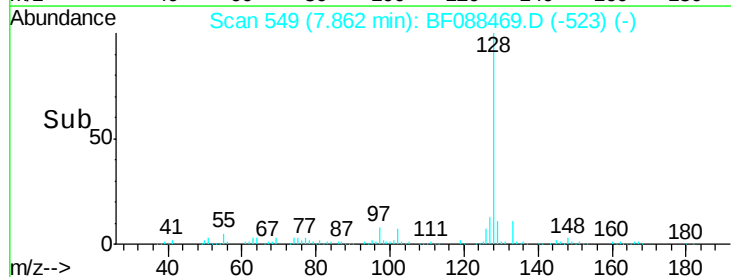
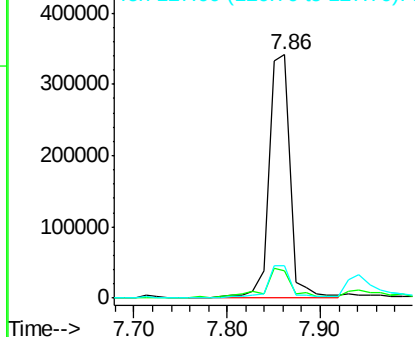


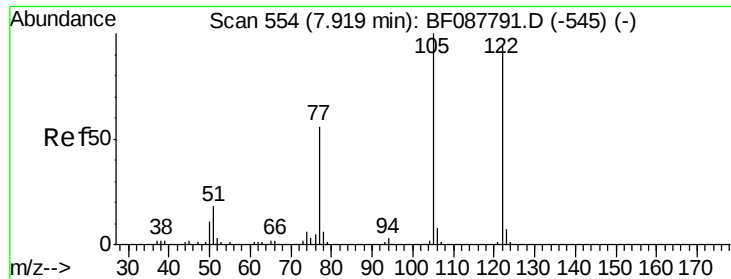
#31
Naphthalene
Concen: 49.02 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Tgt Ion:128 Resp: 534552
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.3 10.9 16.3



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: 21.76 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.05 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

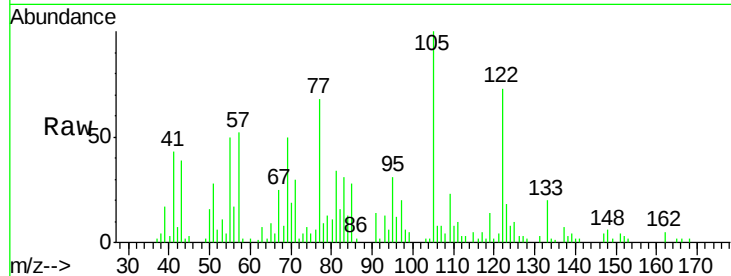
Tot Ion:122 Resp: 43208

Ion Ratio Lower Upper

122 100

105 136.8 101.6 141.6

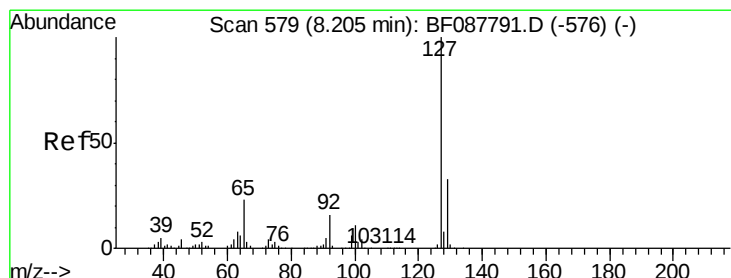
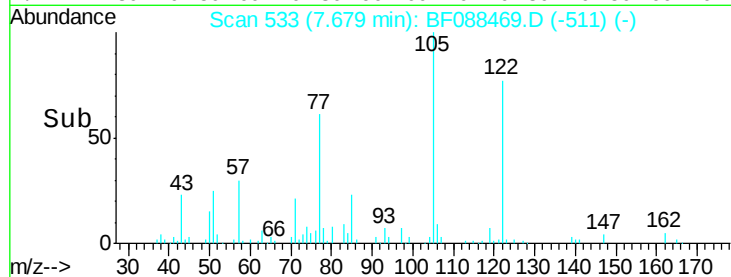
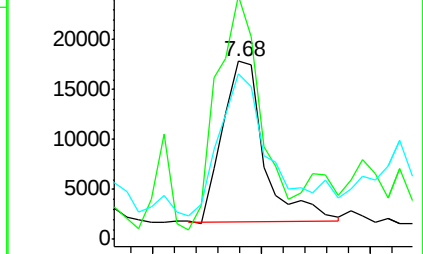
77 93.3 70.6 110.6



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: 16.71 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Tgt Ion:127 Resp: 81374

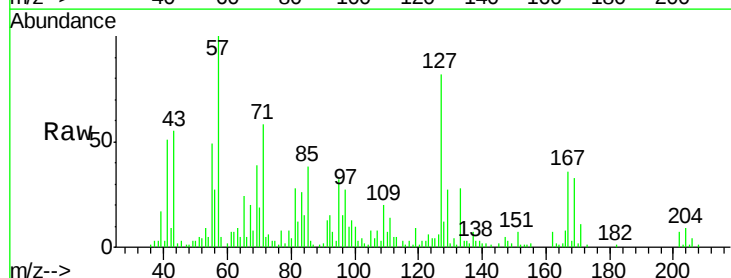
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 29.8 24.7 37.1

92 18.3 15.4 23.0

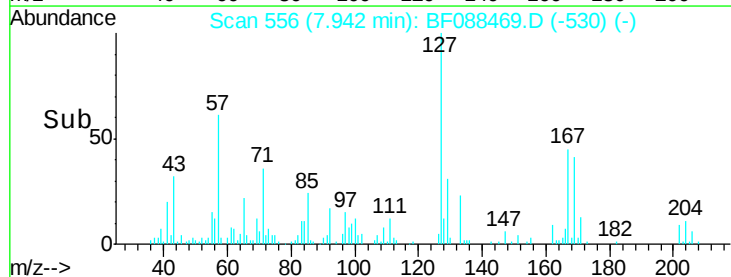
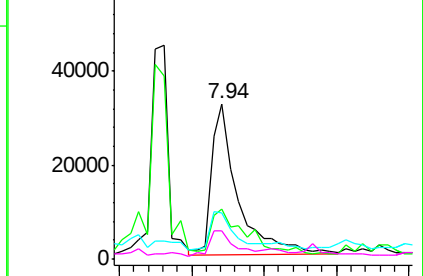


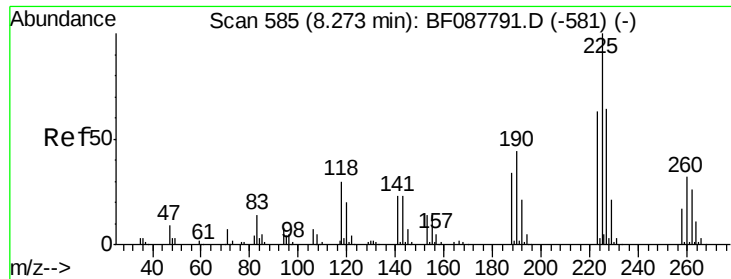
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 50.51 ng

RT: 7.98 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

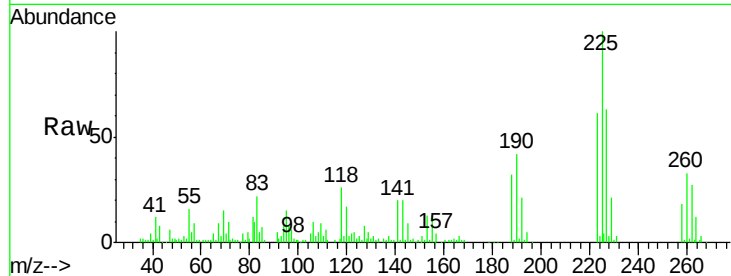
Tot Ion:225 Resp: 87324

Ion Ratio Lower Upper

225 100

223 60.9 50.9 76.3

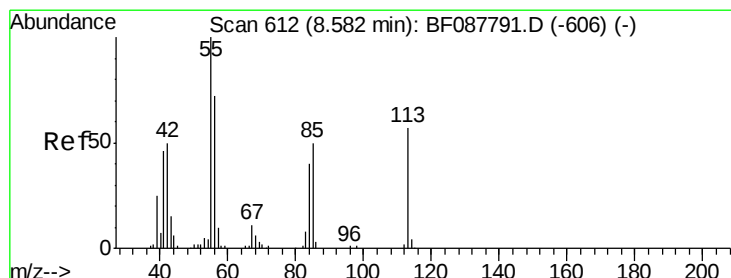
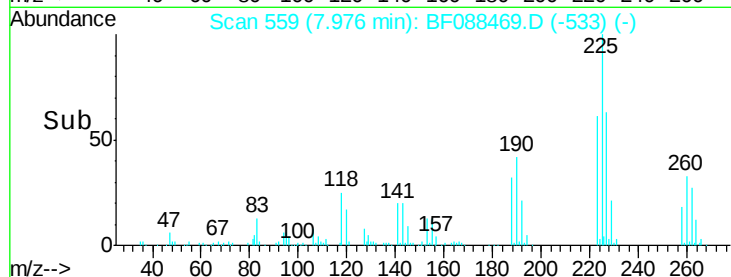
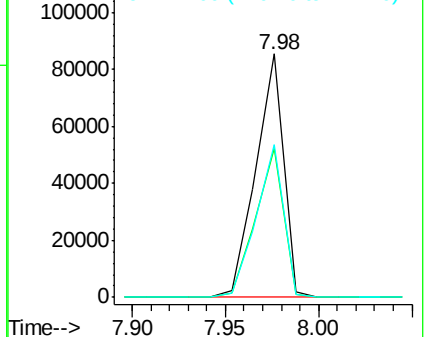
227 62.7 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 81.35 ng m

RT: 8.27 min Scan# 585

Delta R.T. -0.06 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

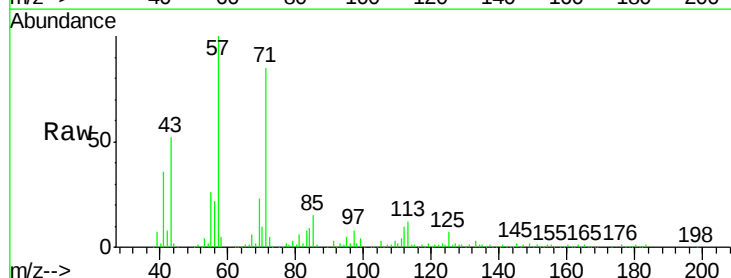
Tgt Ion:113 Resp: 81121

Ion Ratio Lower Upper

113 100

55 217.0 158.6 198.6#

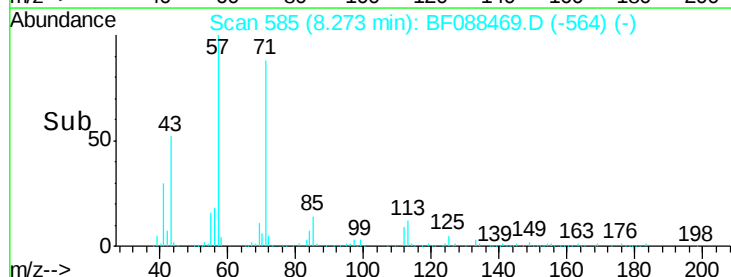
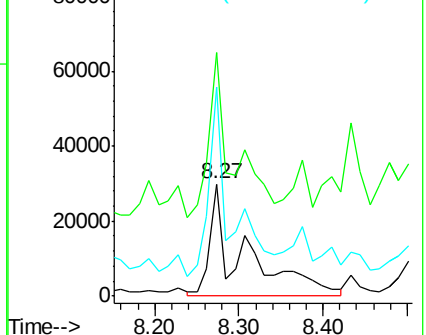
56 186.0 110.6 150.6#

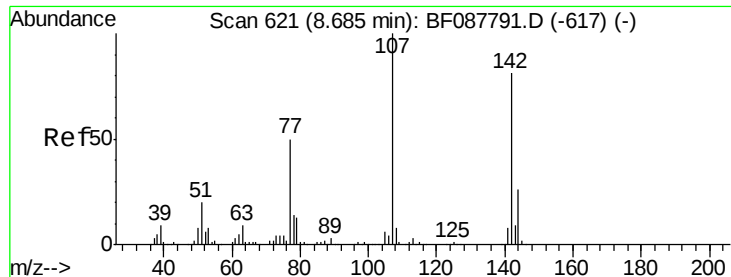


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

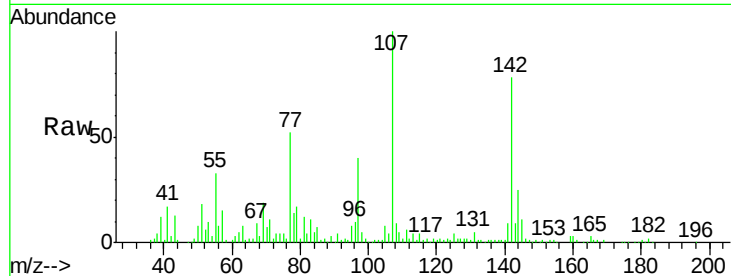




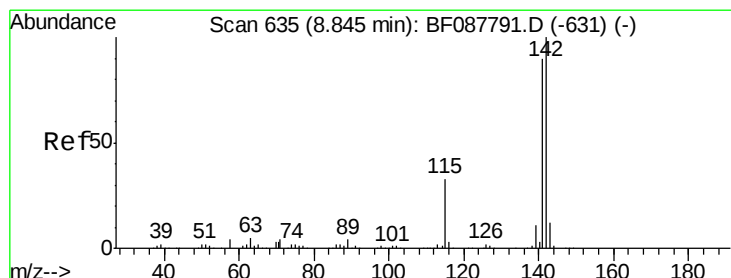
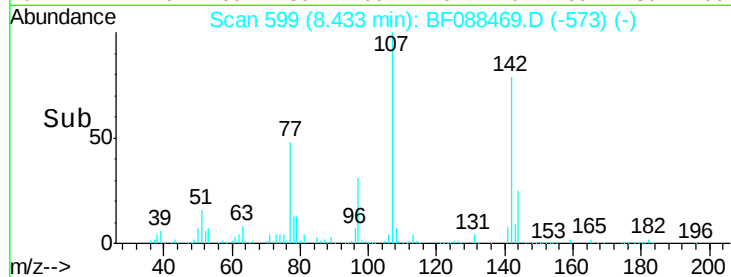
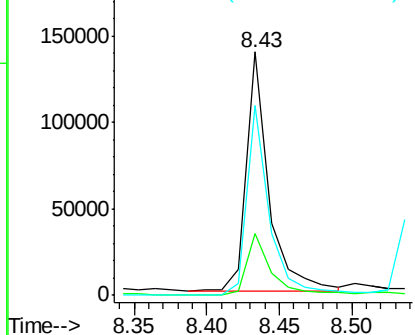
#36
 4-Chloro-3-methylphenol
 Concen: 45.99 ng
 RT: 8.43 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.8	31.2
142	78.0	63.4	95.2

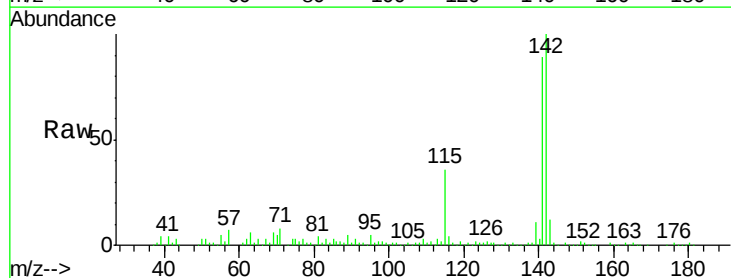


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

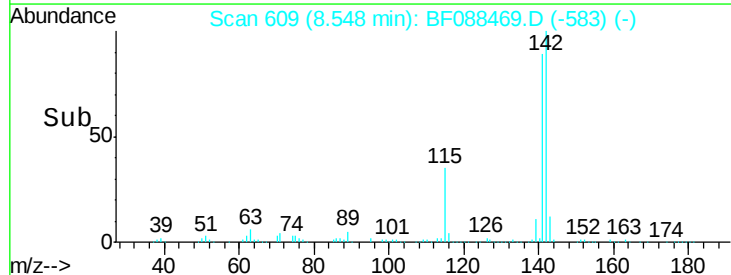
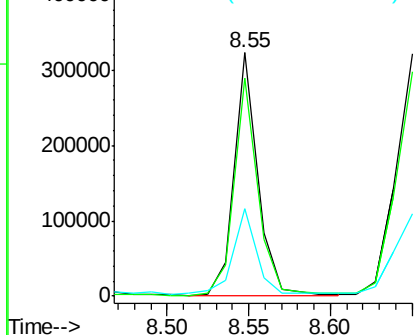


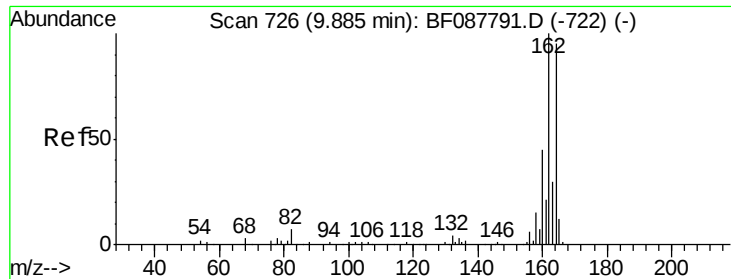
#37
 2-Methylnaphthalene
 Concen: 44.33 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	35.8	22.6	33.8#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

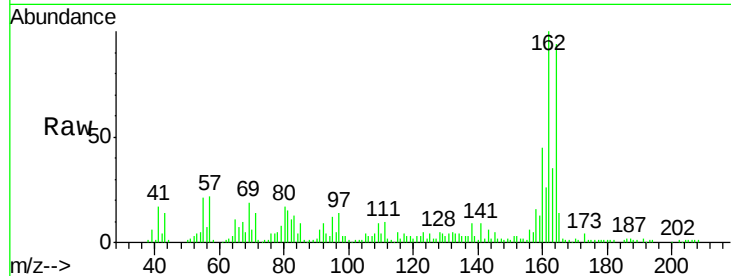
Tot Ion:164 Resp: 91475

Ion Ratio Lower Upper

164 100

162 106.4 85.4 128.2

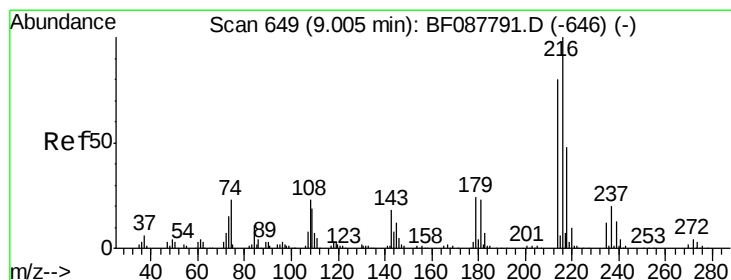
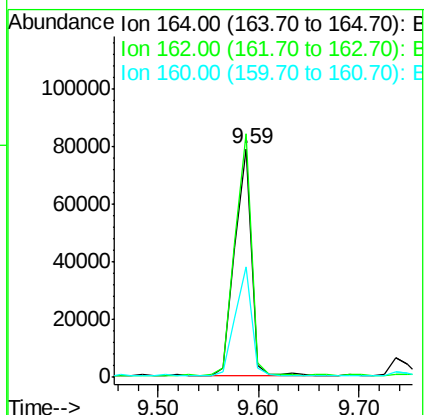
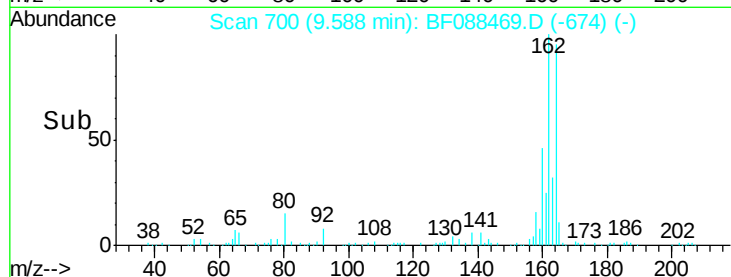
160 48.2 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 72.49 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Tgt Ion:216 Resp: 137430

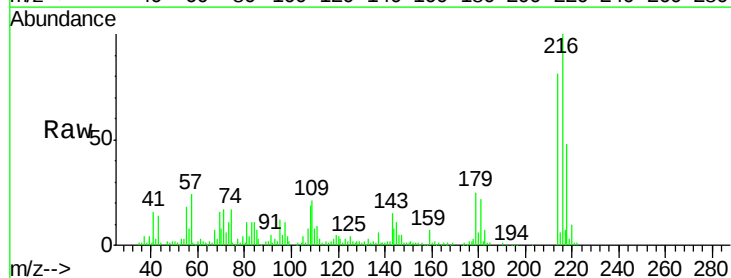
Ion Ratio Lower Upper

216 100

214 80.0 2.9 4.3#

179 23.8 0.0 0.0#

108 19.0 0.5 0.7#

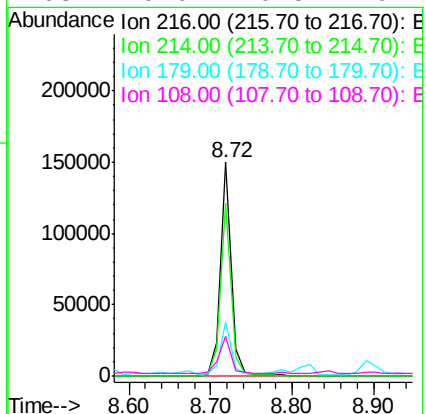
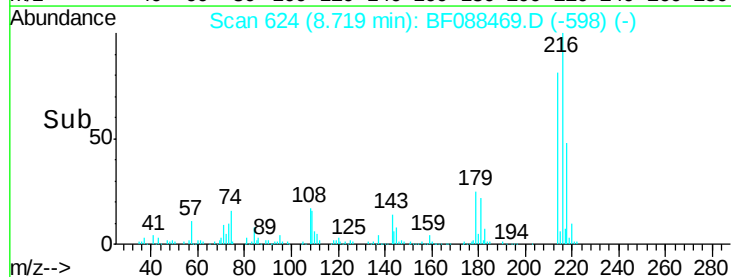


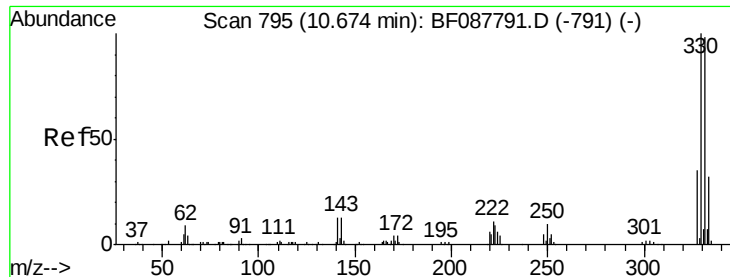
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

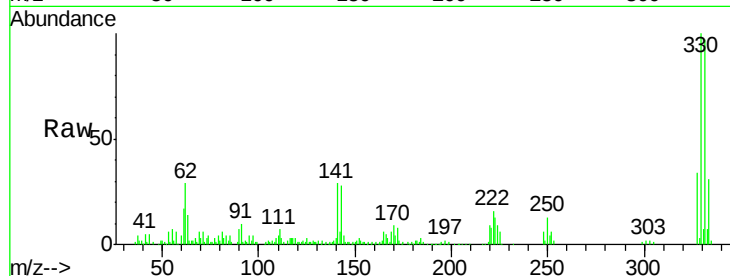




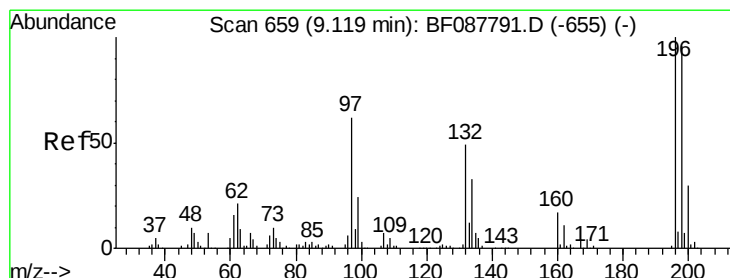
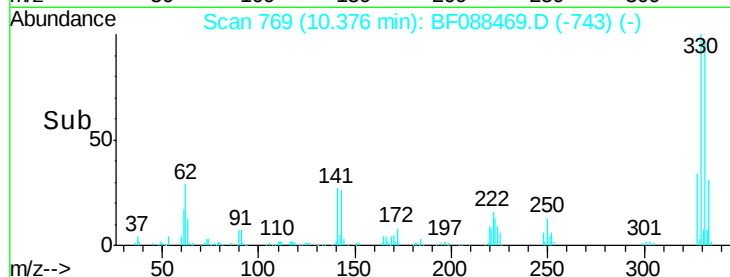
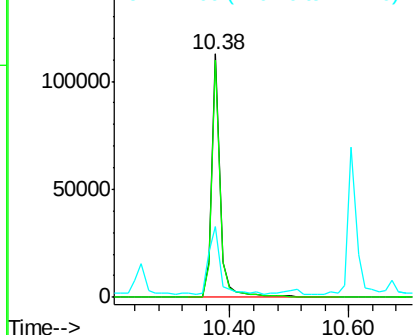
#41
 2,4,6-Tribromophenol
 Concen: 116.46 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tot Ion:330 Resp: 112483
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 36.0 0.0 0.0#

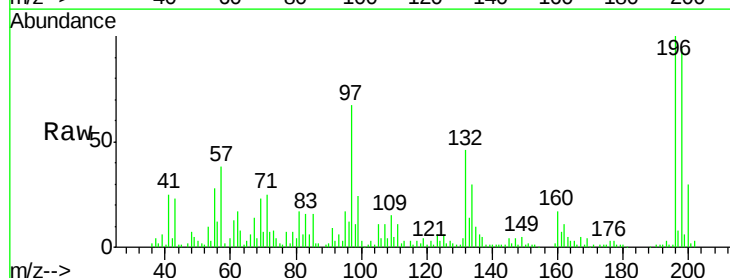


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

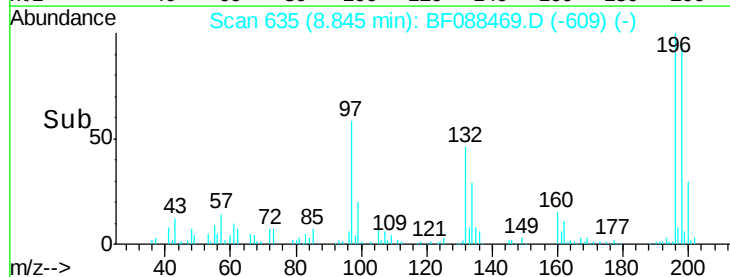
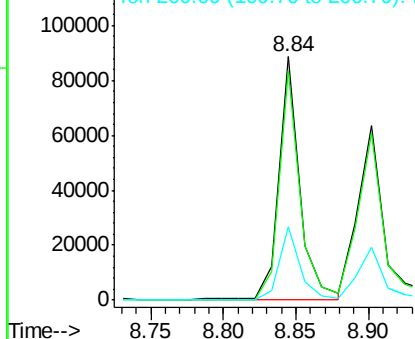


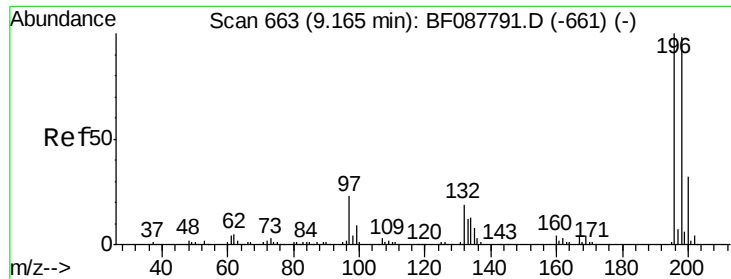
#42
 2,4,6-Trichlorophenol
 Concen: 48.77 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Tgt Ion:196 Resp: 89221
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.0 117.0
 200 30.0 25.4 38.2



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

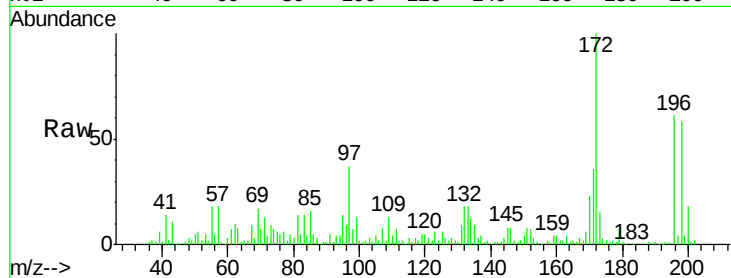




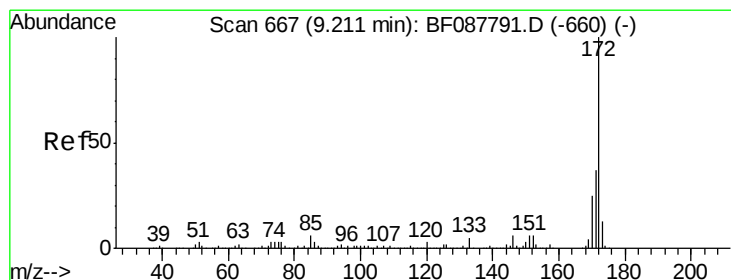
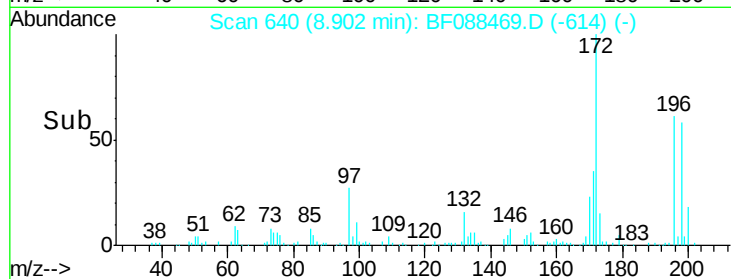
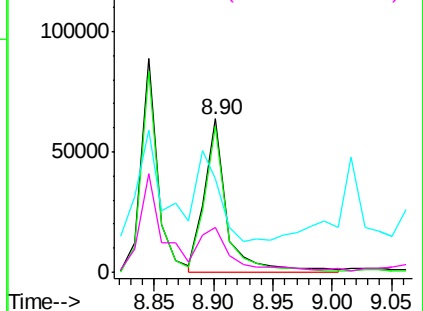
#43
 2,4,5-Trichlorophenol
 Concen: 44.22 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tot Ion:196 Resp: 84163
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.5 116.3
 97 61.1 32.0 48.0#
 132 28.9 20.9 31.3

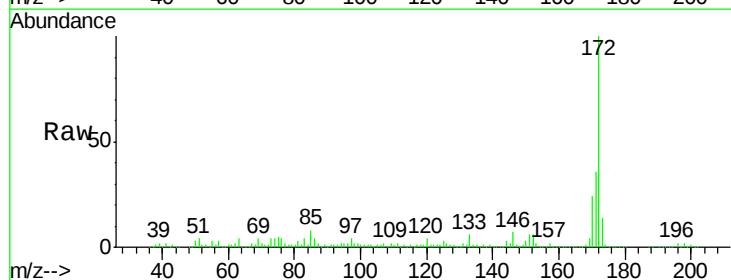


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

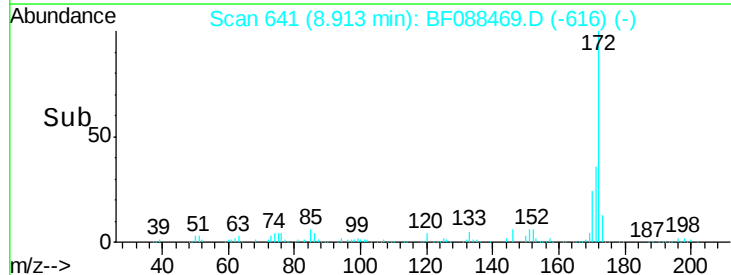
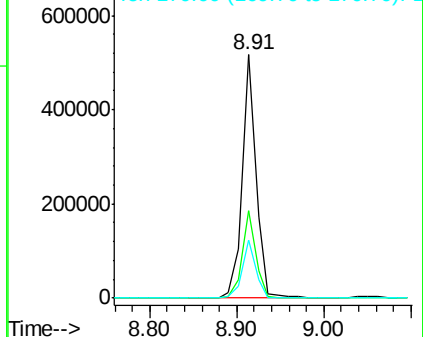


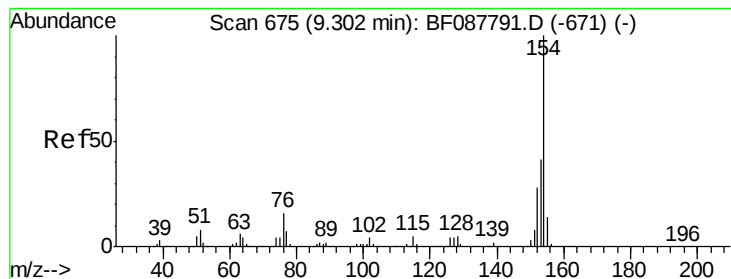
#44
 2-Fluorobiphenyl
 Concen: 99.27 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Tgt Ion:172 Resp: 572621
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.6 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 60.22 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

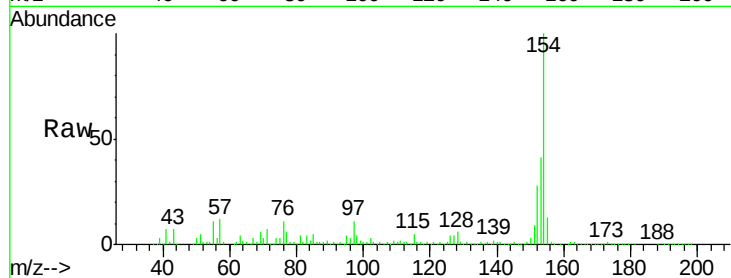
Tot Ion:154 Resp: 399058

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

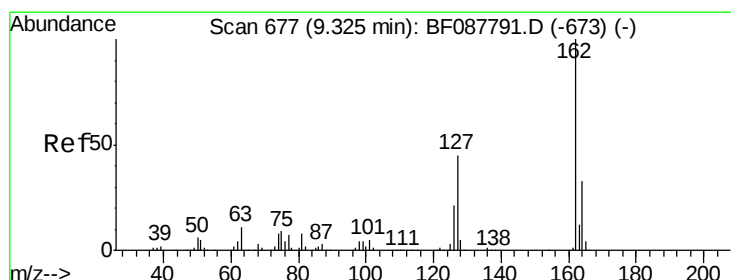
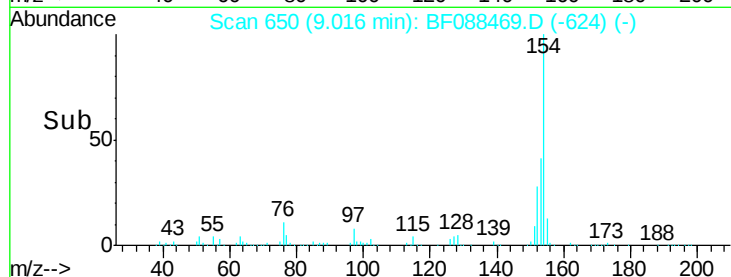
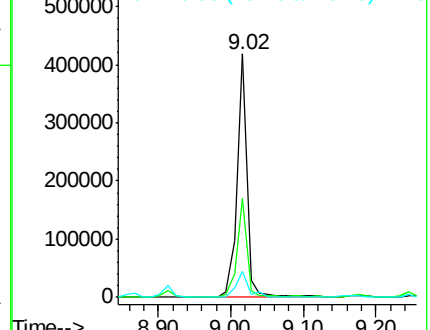
76 10.6 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.23 ng

RT: 9.04 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

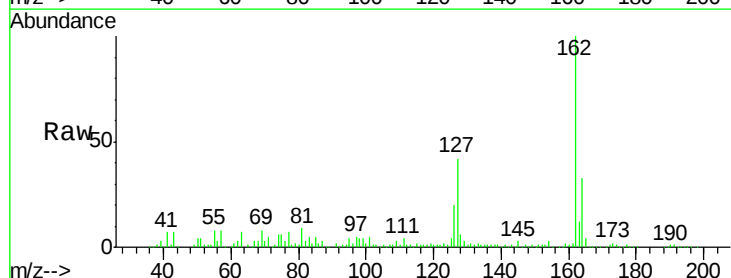
Tgt Ion:162 Resp: 303243

Ion Ratio Lower Upper

162 100

127 42.0 35.2 52.8

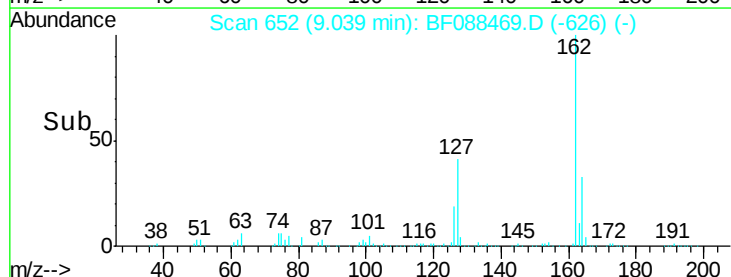
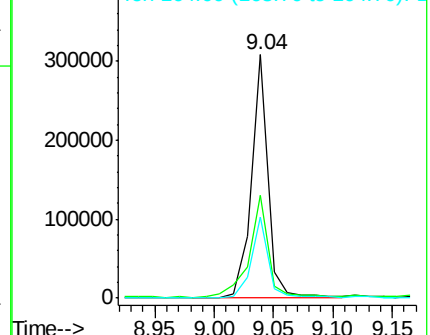
164 33.1 26.6 39.8

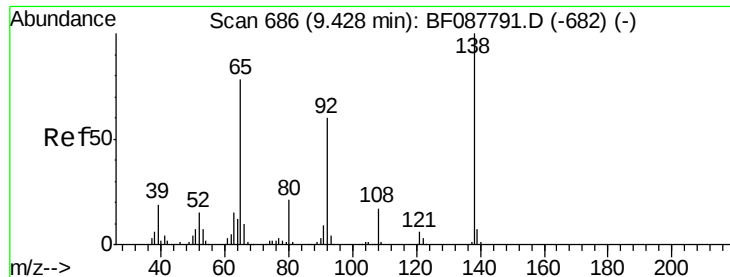


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

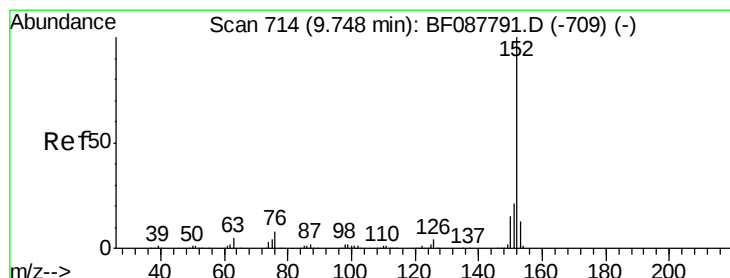
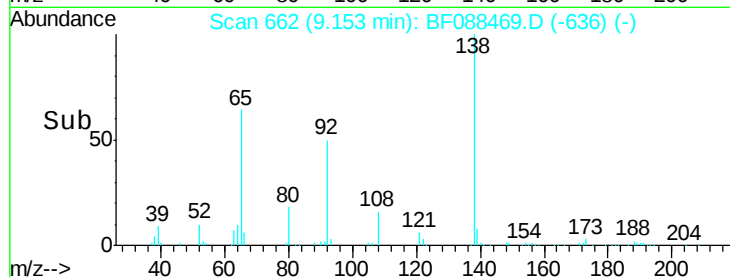
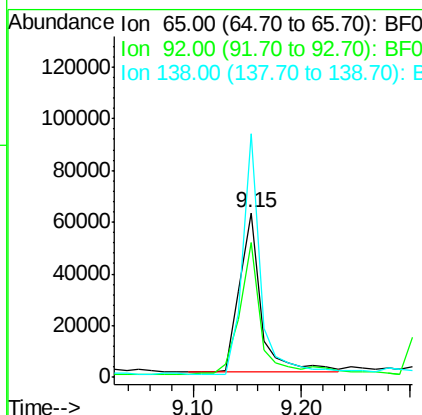
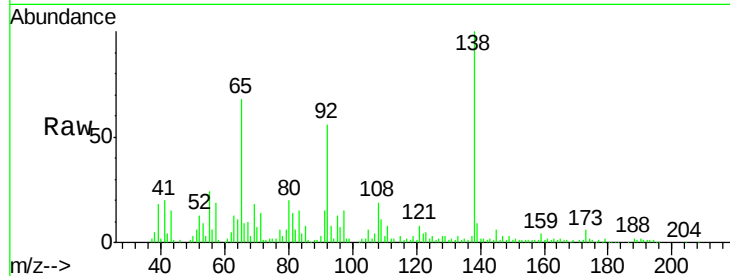




#47
2-Nitroaniline
Concen: 48.67 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

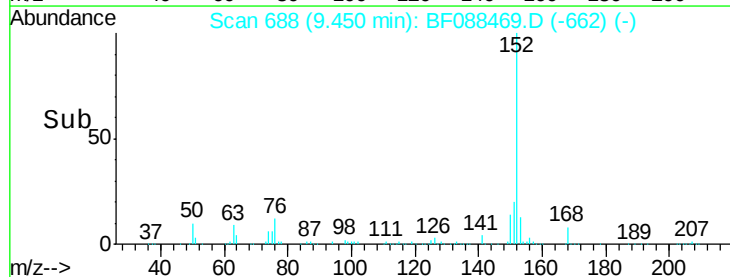
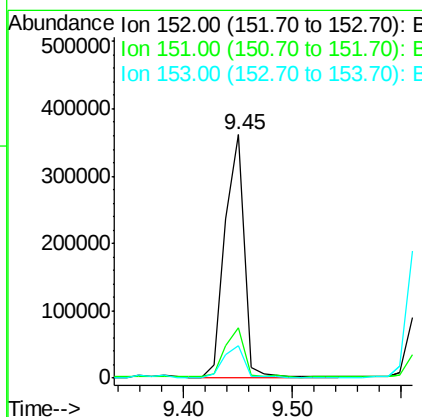
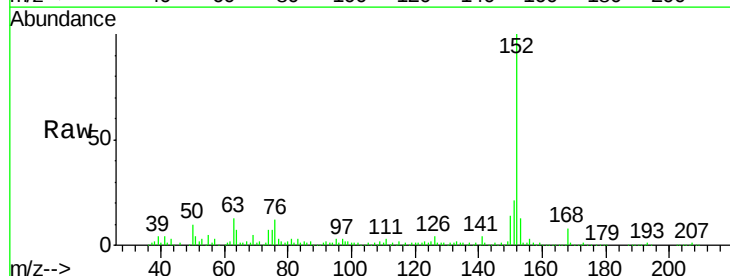
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

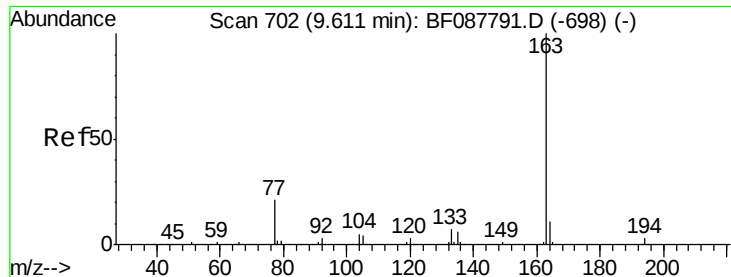
Tot Ion: 65 Resp: 84993
Ion Ratio Lower Upper
65 100
92 82.1 54.6 82.0#
138 147.9 77.0 115.4#



#48
Acenaphthylene
Concen: 46.41 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Tgt Ion: 152 Resp: 436964
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.3 11.0 16.6

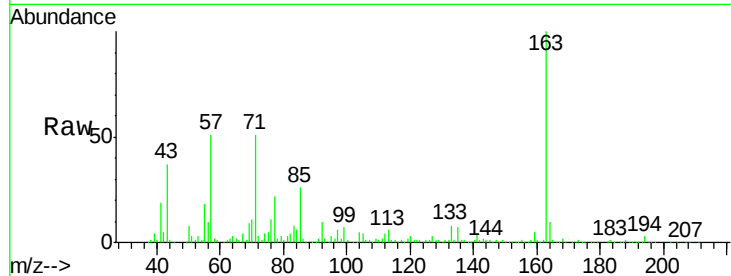




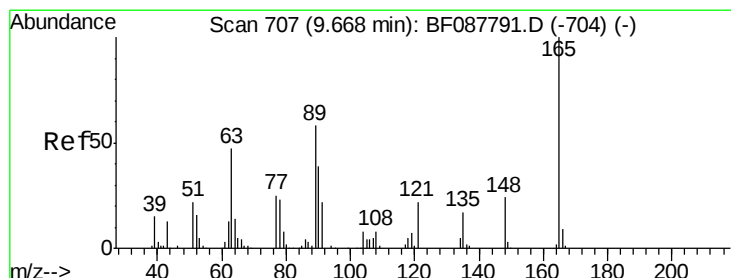
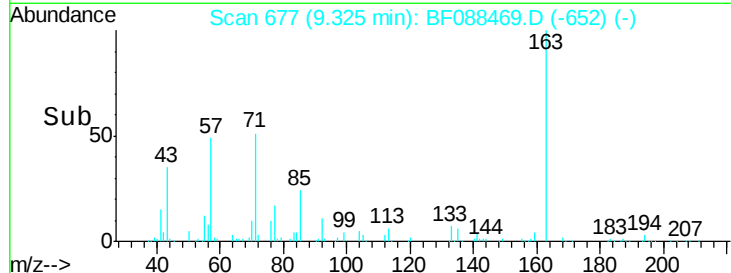
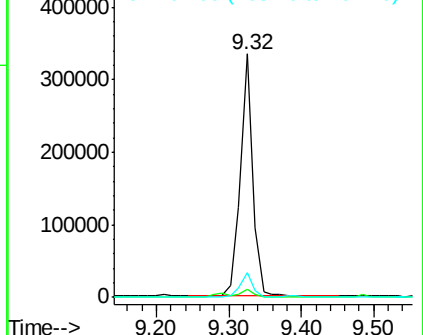
#49
Dimethylphthalate
Concen: 60.48 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion:163 Resp: 400733
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.2 8.3 12.5

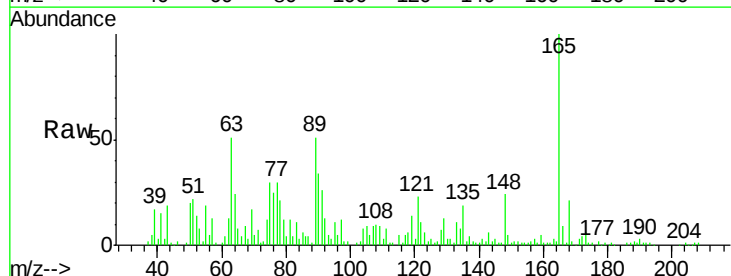


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

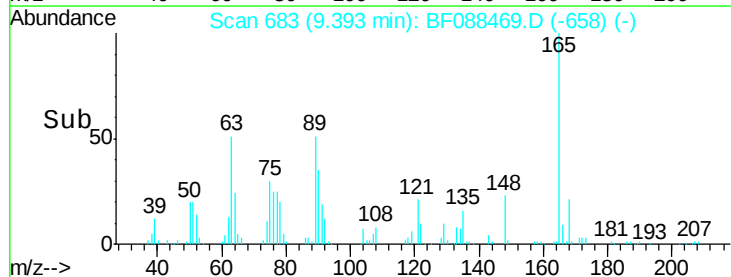
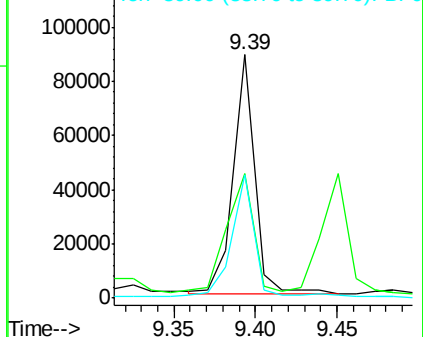


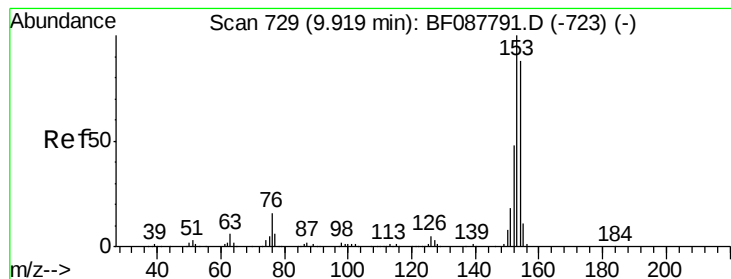
#50
2,6-Dinitrotoluene
Concen: 52.67 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Tgt Ion:165 Resp: 79931
Ion Ratio Lower Upper
165 100
63 51.2 28.1 42.1#
89 50.7 32.2 48.2#



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





#51

Acenaphthene

Concen: 45.77 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

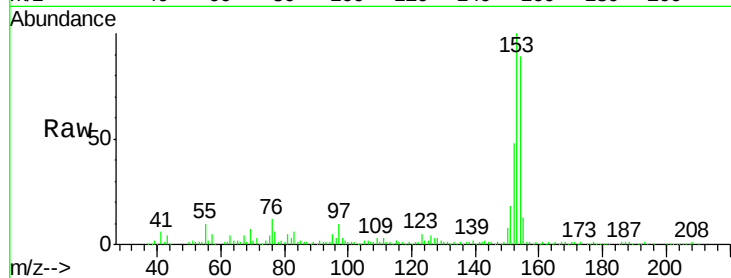
Tot Ion:154 Resp: 268838

Ion Ratio Lower Upper

154 100

153 113.0 89.5 134.3

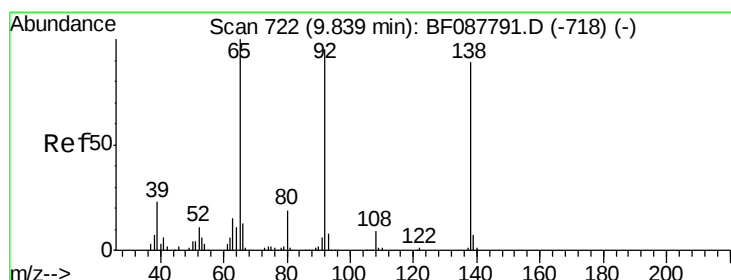
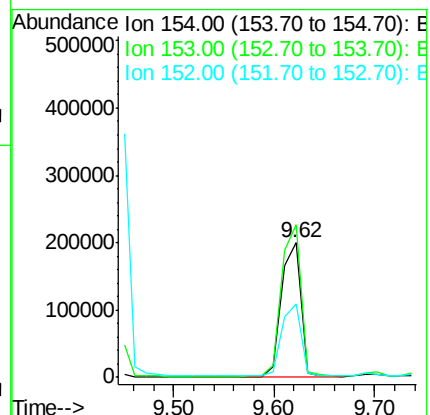
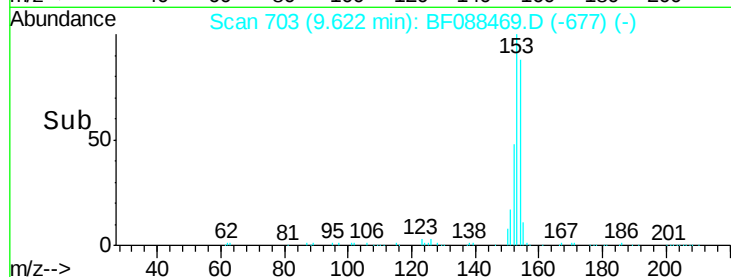
152 54.5 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.62 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

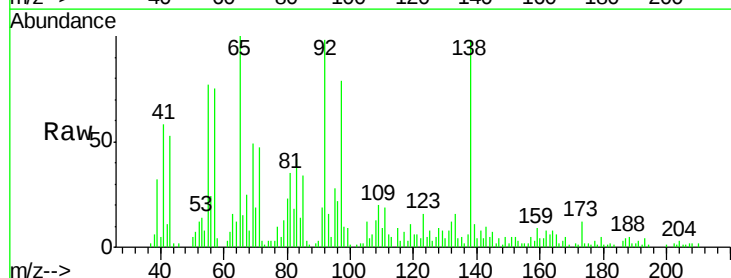
Tgt Ion:138 Resp: 55367

Ion Ratio Lower Upper

138 100

108 12.8 8.5 12.7#

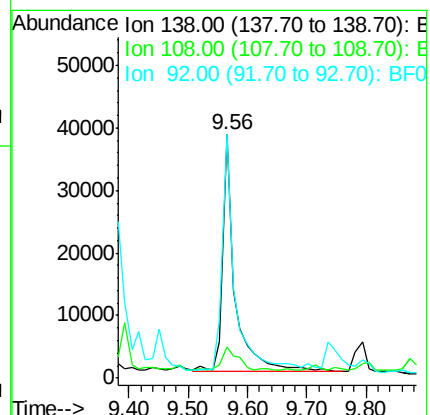
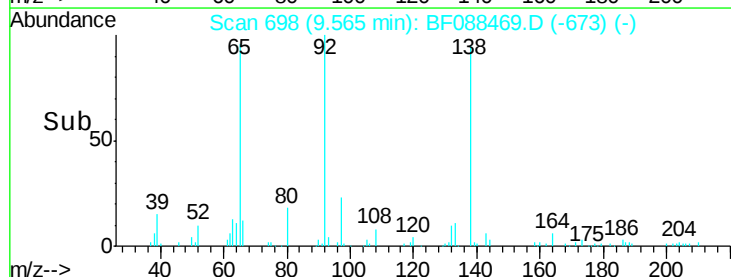
92 100.0 95.7 143.5

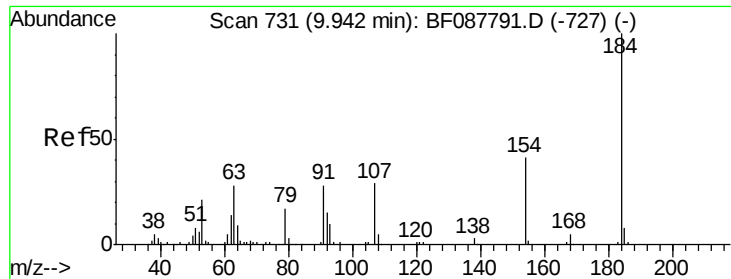


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

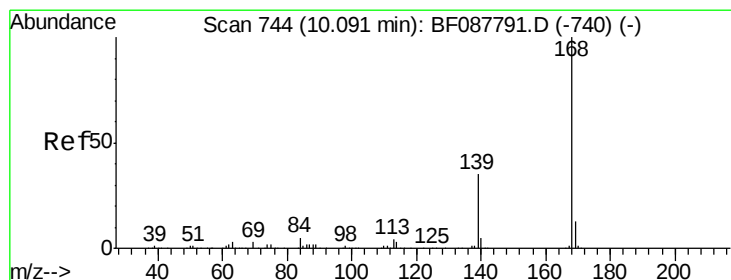
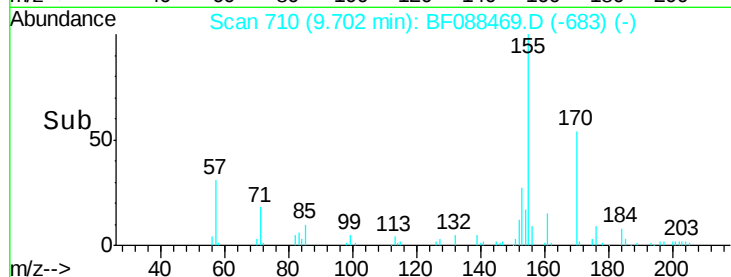
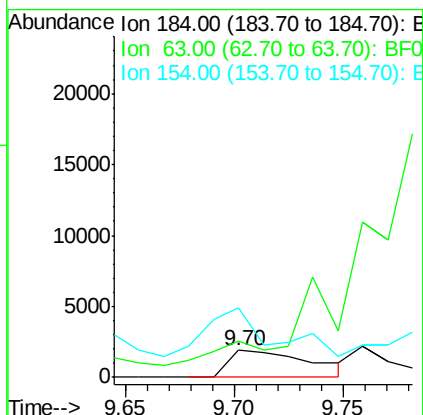
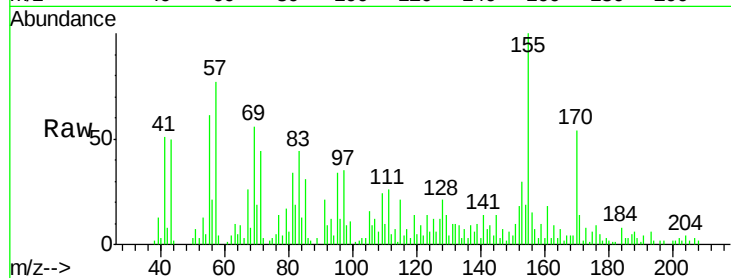




#53
2,4-Dinitrophenol
Concen: 10.13 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

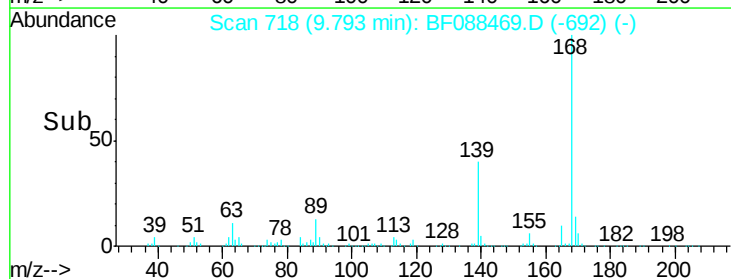
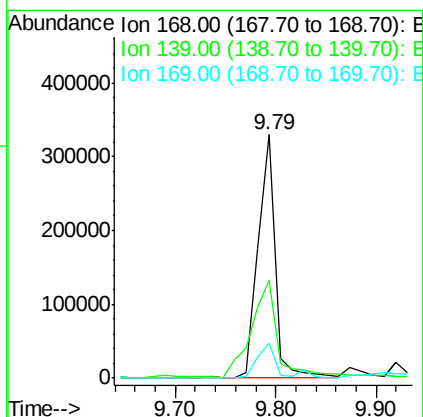
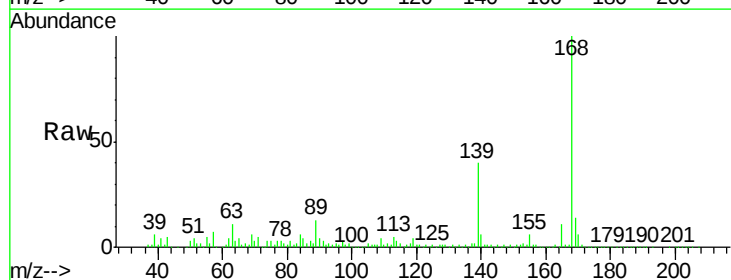
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

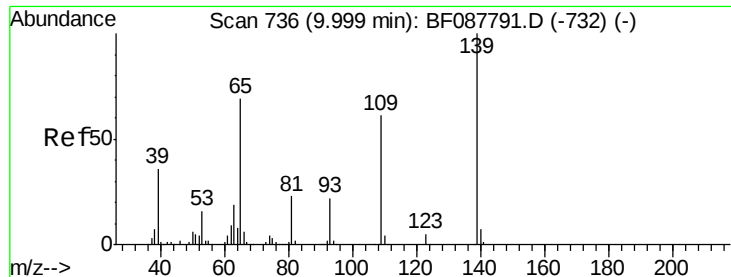
Tot Ion:184 Resp: 4909
Ion Ratio Lower Upper
184 100
63 136.0 57.6 86.4#
154 256.0 53.5 80.3#



#54
Dibenzofuran
Concen: 48.00 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Tgt Ion:168 Resp: 388271
Ion Ratio Lower Upper
168 100
139 40.2 26.4 39.6#
169 14.3 10.4 15.6

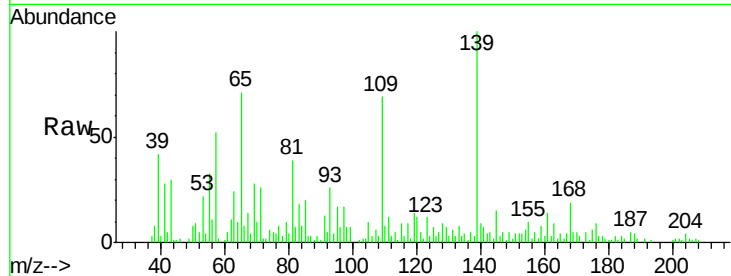




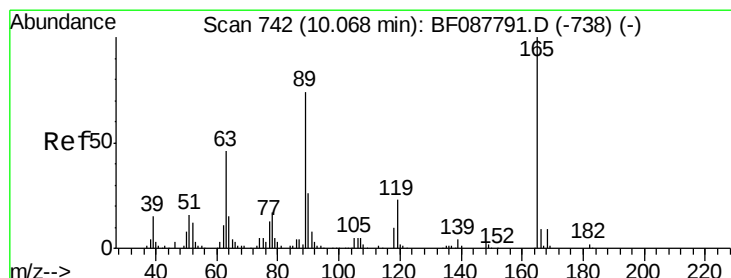
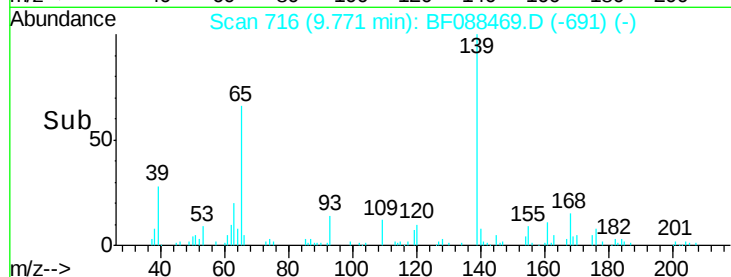
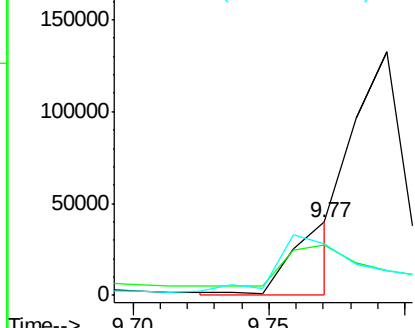
#55
4-Nitrophenol
Concen: 33.87 ng/mL
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion:139 Resp: 46032
Ion Ratio Lower Upper
139 100
109 68.5 48.9 88.9
65 71.5 84.9 124.9#

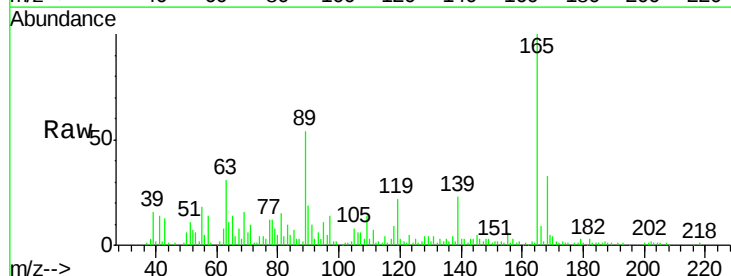


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

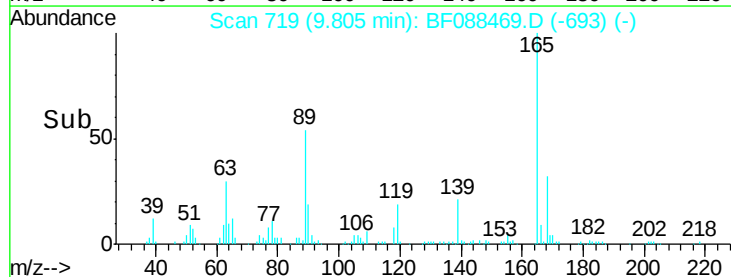
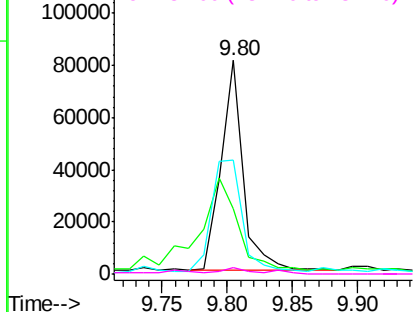


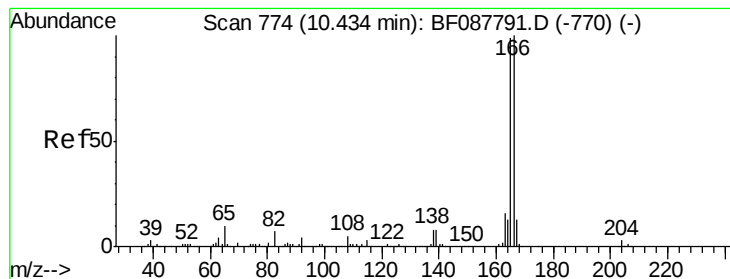
#56
2,4-Dinitrotoluene
Concen: 49.03 ng/mL
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Tgt Ion:165 Resp: 95614
Ion Ratio Lower Upper
165 100
63 30.8 22.0 33.0
89 53.5 41.1 61.7
182 2.9 2.0 3.0



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





#57

Fluorene

Concen: 53.54 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

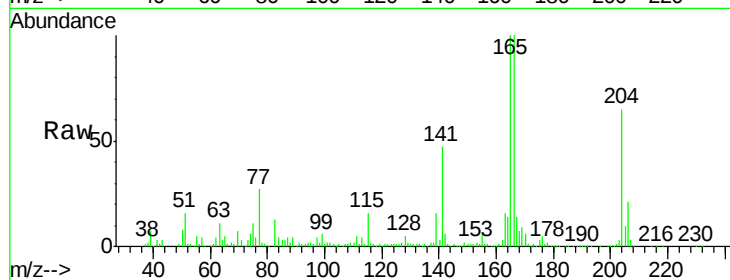
Tot Ion:166 Resp: 287654

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

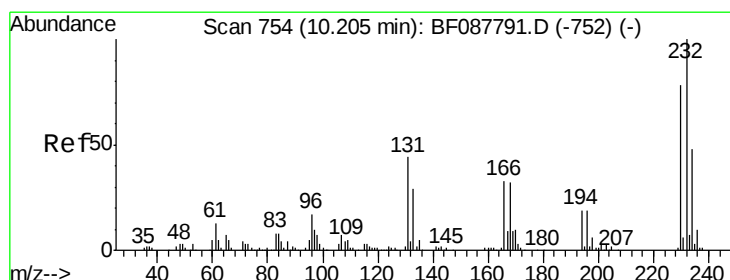
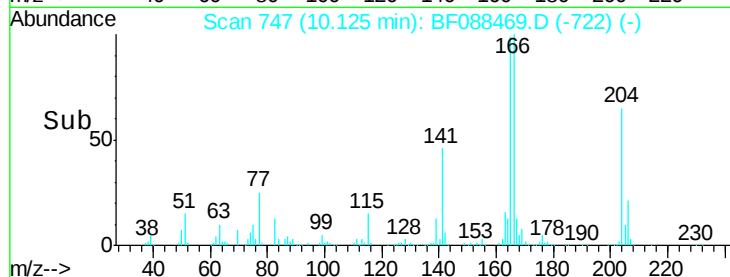
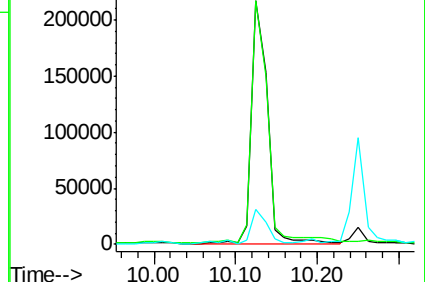
167 14.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.47 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Tgt Ion:232 Resp: 68007

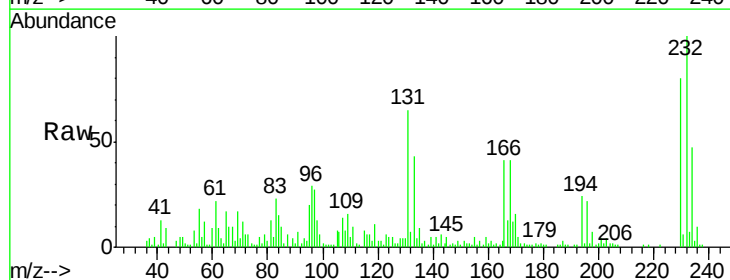
Ion Ratio Lower Upper

232 100

131 54.4 0.9 1.3#

130 0.0 1.5 2.3#

166 30.1 0.5 0.7#

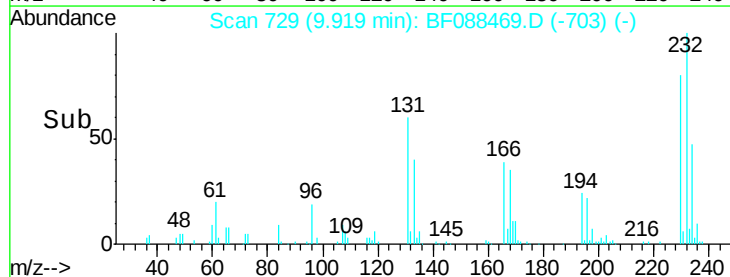
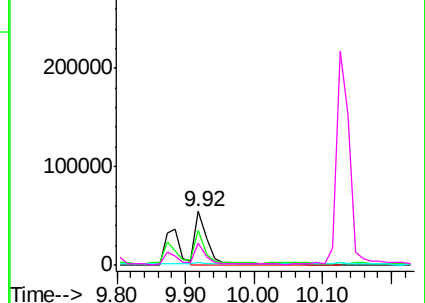


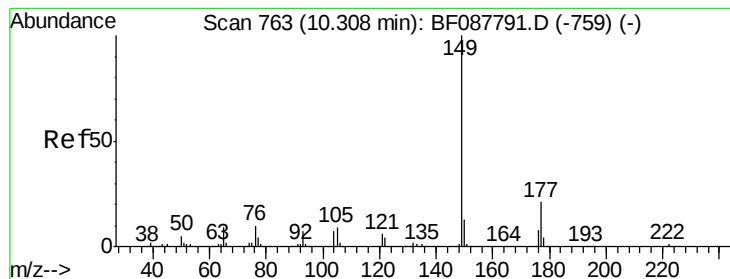
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 56.10 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

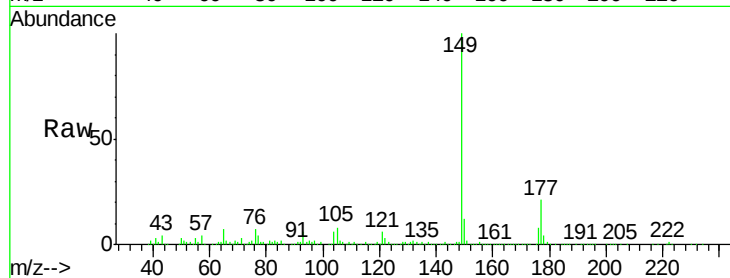
Tot Ion:149 Resp: 376303

Ion Ratio Lower Upper

149 100

177 21.3 16.9 25.3

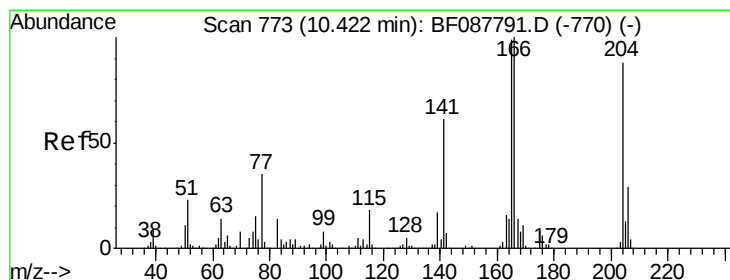
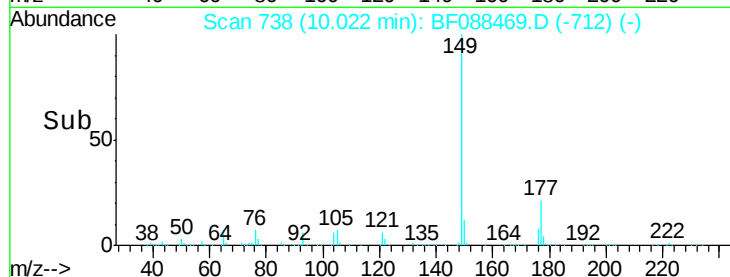
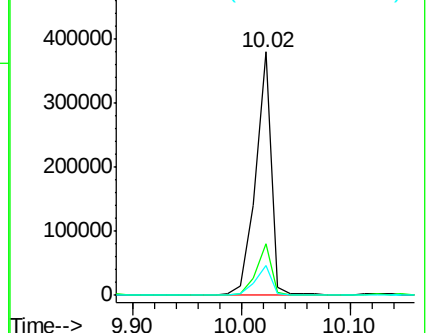
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.51 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

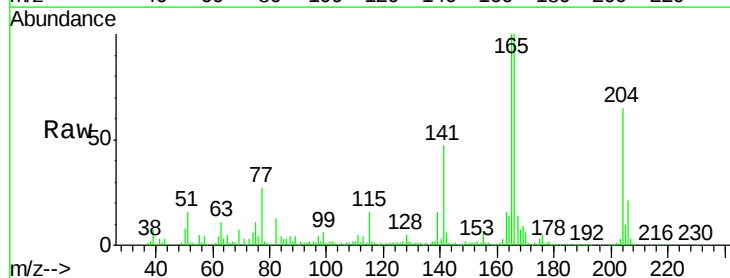
Tgt Ion:204 Resp: 133176

Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

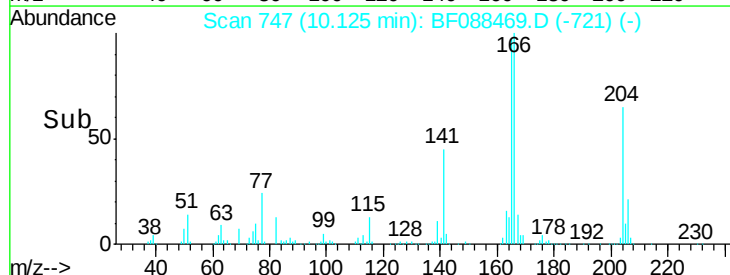
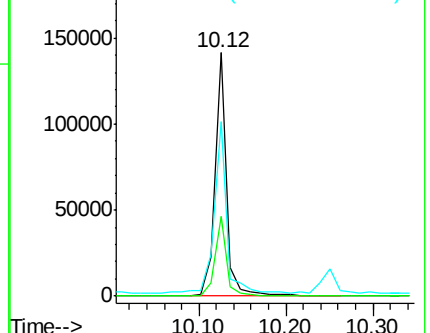
141 71.8 55.0 82.6

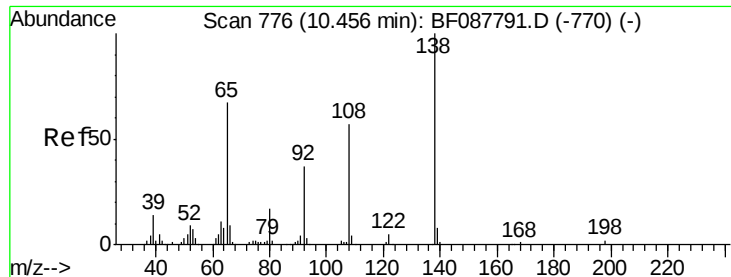


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.70 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

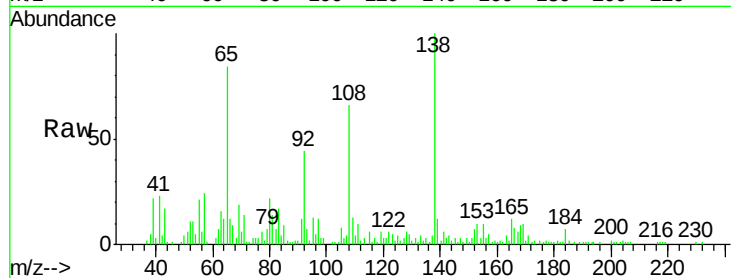
Tot Ion:138 Resp: 70916

Ion Ratio Lower Upper

138 100

92 43.7 27.3 67.3

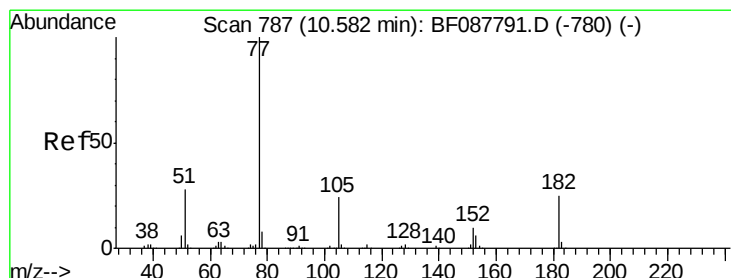
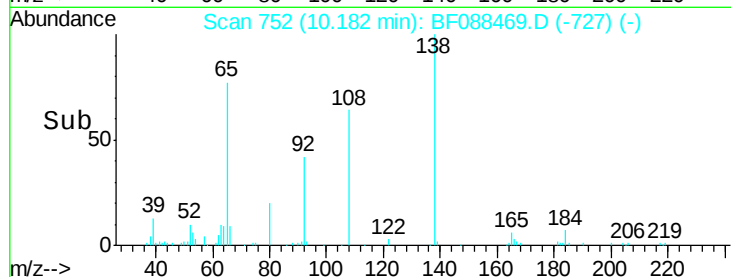
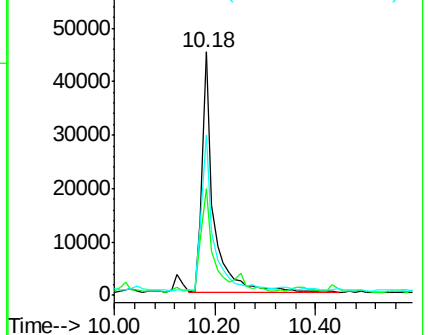
108 65.9 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.03 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Tgt Ion: 77 Resp: 311969

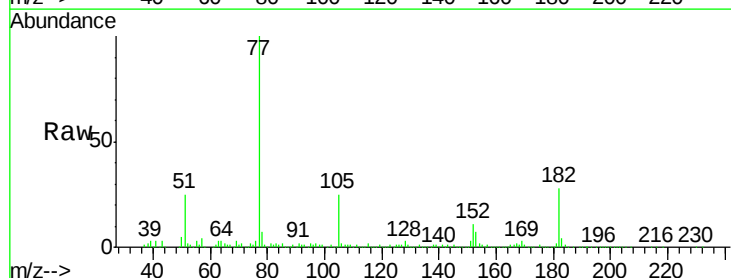
Ion Ratio Lower Upper

77 100

182 28.1 4.4 44.4

105 25.2 3.8 43.8

51 25.1 9.3 49.3

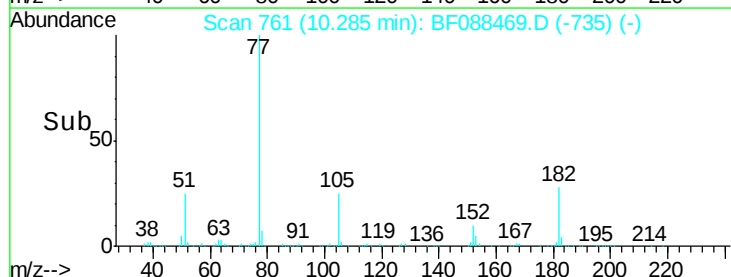
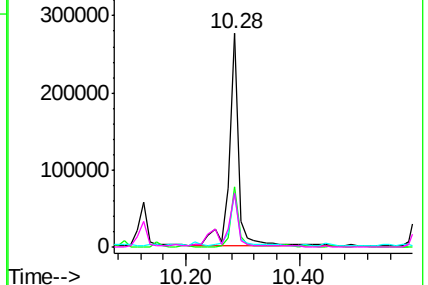


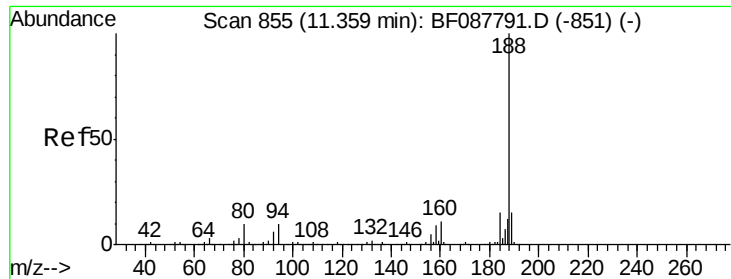
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

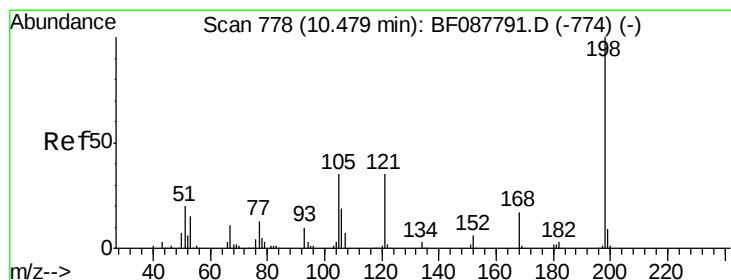
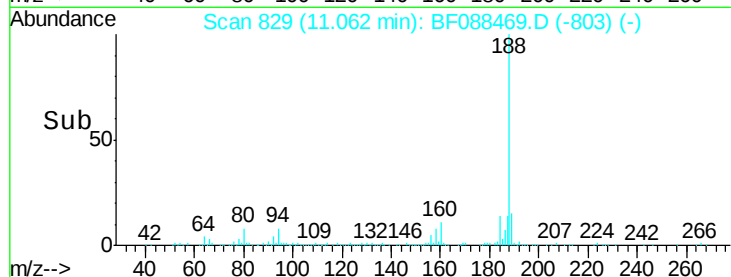
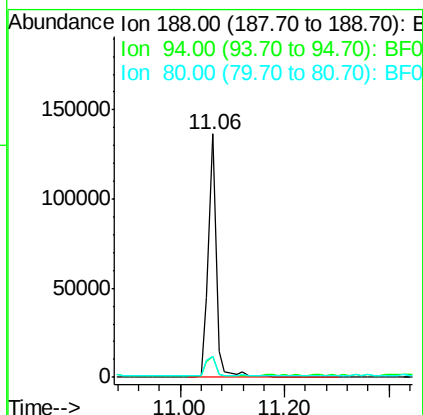
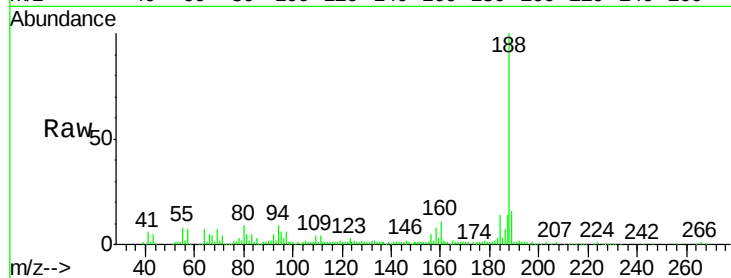




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

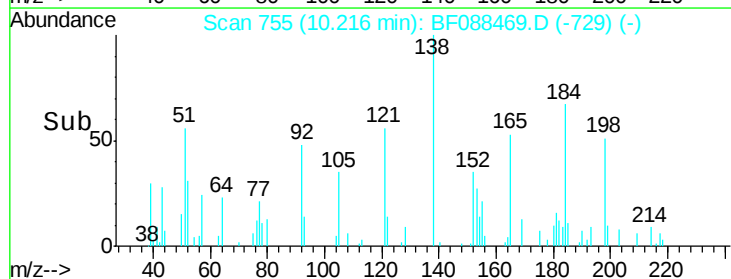
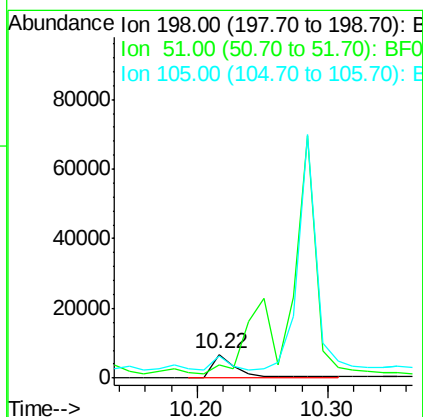
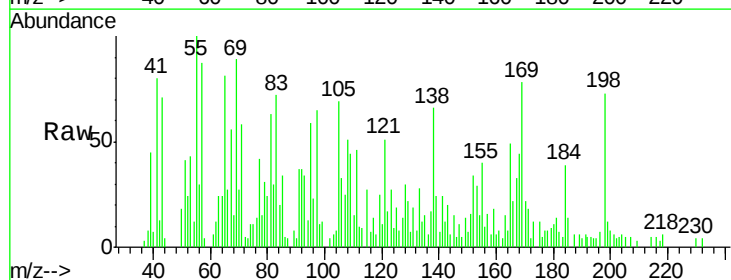
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

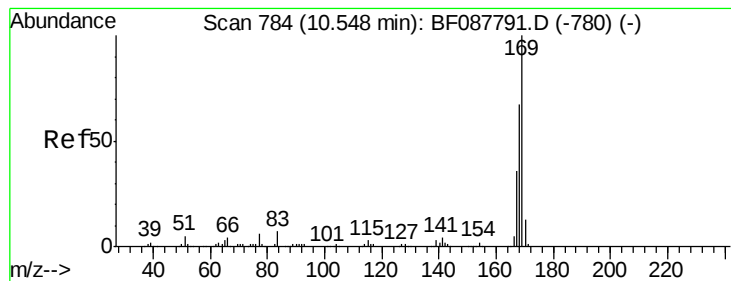
Tot Ion:188 Resp: 147318
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.6#
80 8.6 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 12.27 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Tgt Ion:198 Resp: 9734
Ion Ratio Lower Upper
198 100
51 56.1 39.6 79.6
105 94.4 36.6 76.6#





#65

n-Nitrosodiphenylamine

Concen: 59.67 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

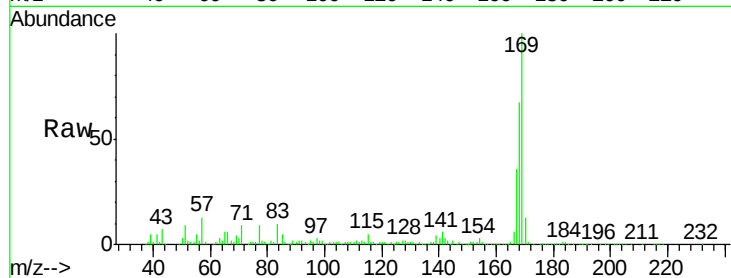
Tot Ion:169 Resp: 291663

Ion Ratio Lower Upper

169 100

168 66.5 53.4 80.0

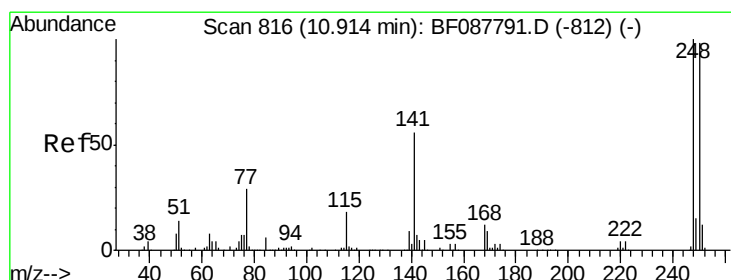
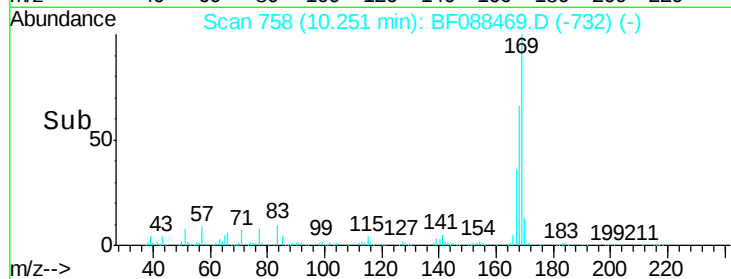
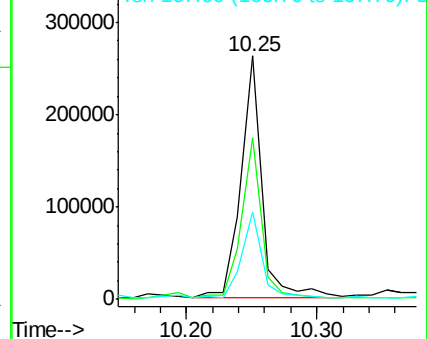
167 35.9 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.71 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

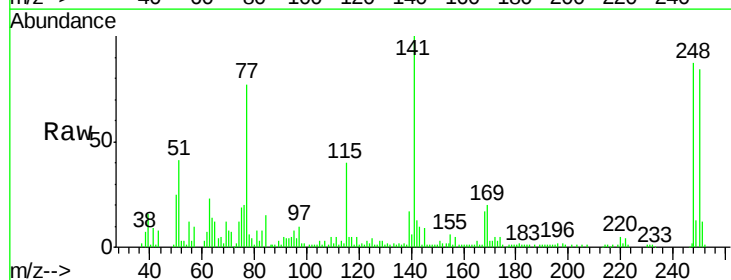
Tgt Ion:248 Resp: 75396

Ion Ratio Lower Upper

248 100

250 96.7 77.1 115.7

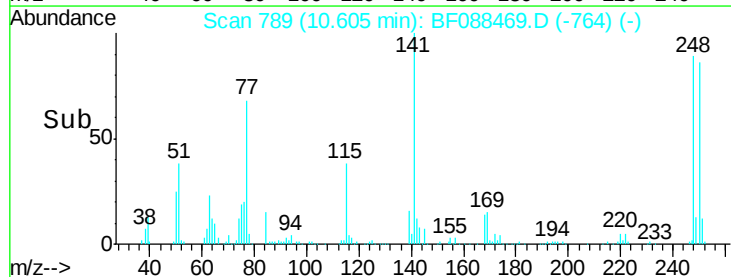
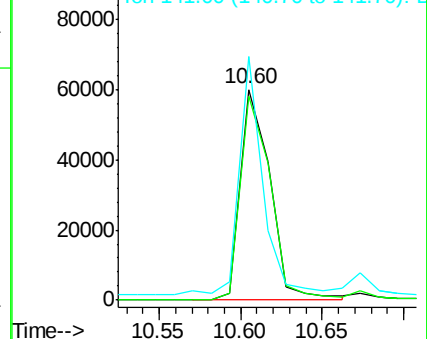
141 115.6 50.6 76.0#

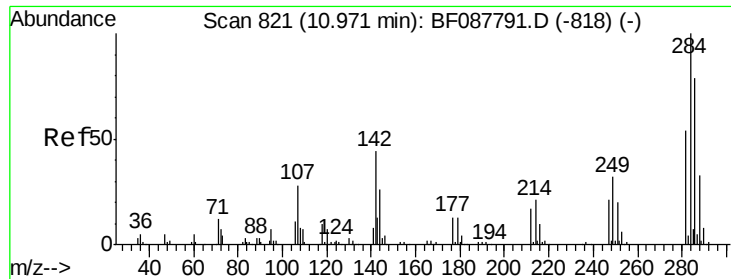


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

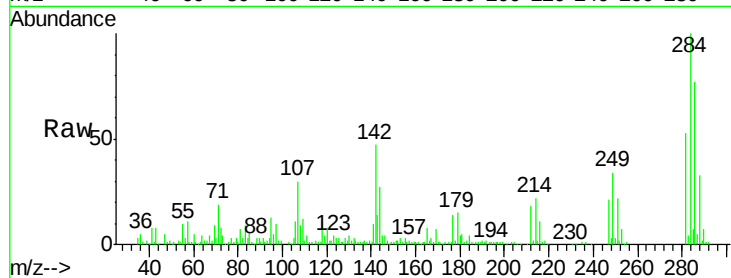




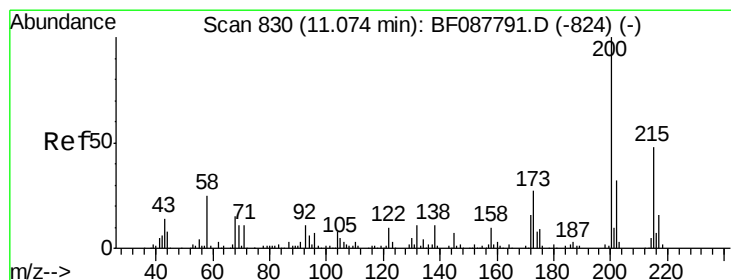
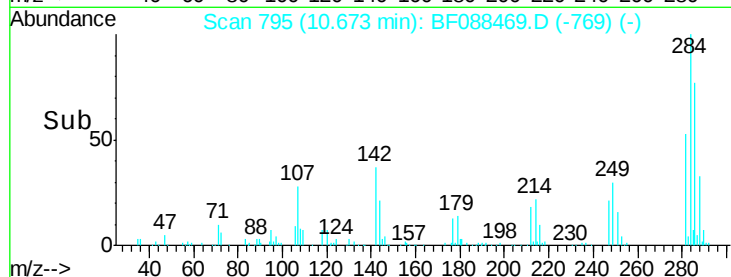
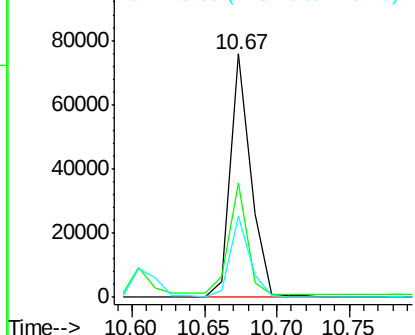
#67
Hexachlorobenzene
Concen: 45.35 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion:284 Resp: 74474
Ion Ratio Lower Upper
284 100
142 46.8 35.8 53.8
249 33.5 25.8 38.6

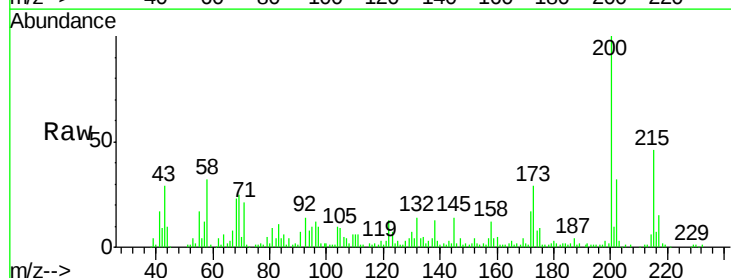


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

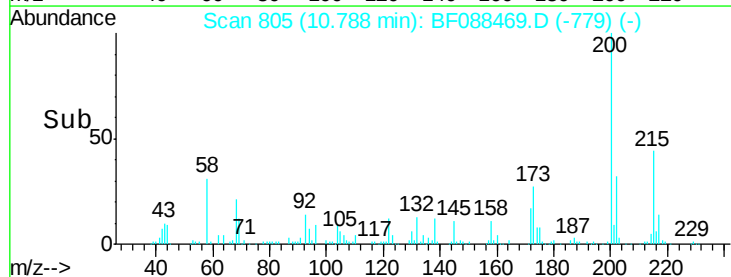
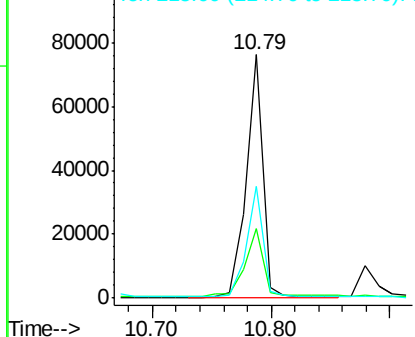


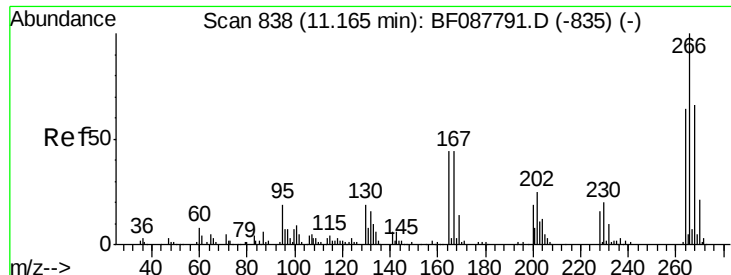
#68
Atrazine
Concen: 51.17 ng
RT: 10.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Tgt Ion:200 Resp: 75745
Ion Ratio Lower Upper
200 100
173 28.5 4.0 44.0
215 45.8 29.3 69.3



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

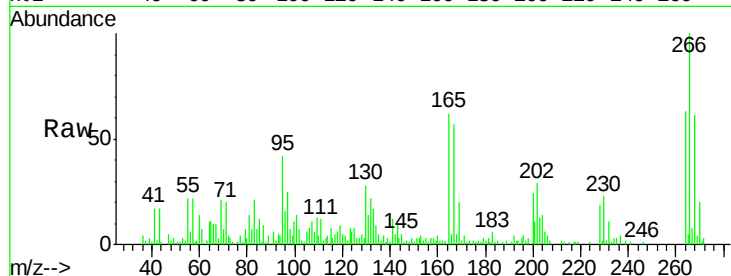




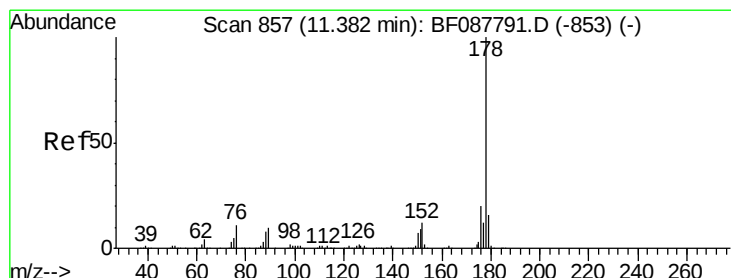
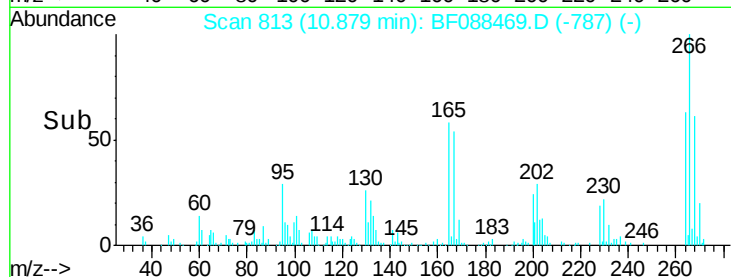
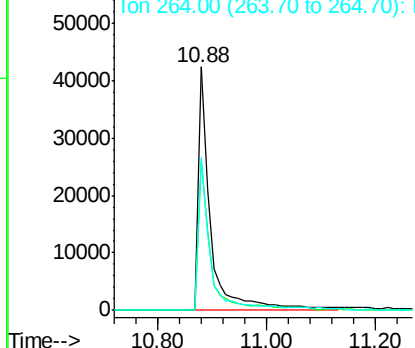
#69
 Pentachlorophenol
 Concen: 76.02 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tot Ion:266 Resp: 65802
 Ion Ratio Lower Upper
 266 100
 268 61.1 52.8 79.2
 264 62.5 49.6 74.4

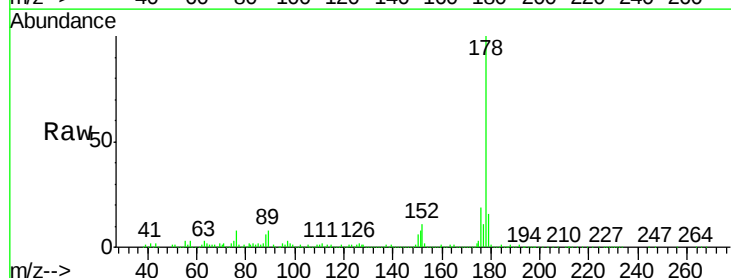


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

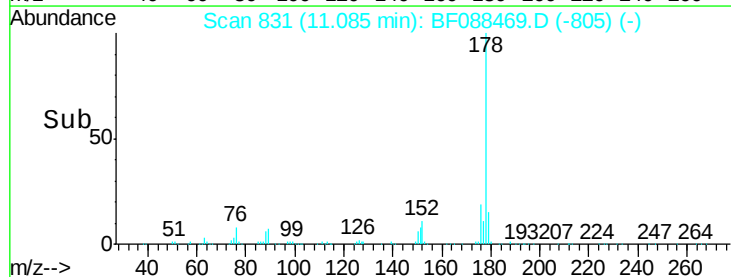
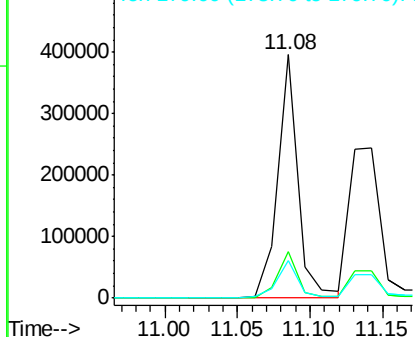


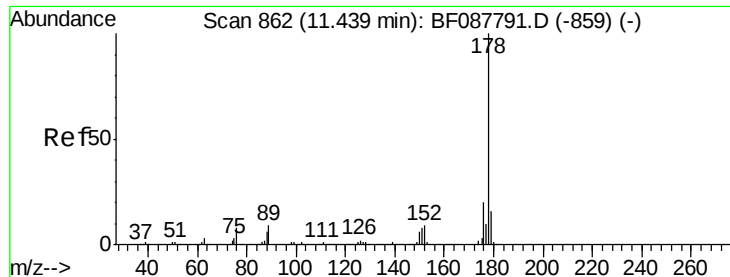
#70
 Phenanthrene
 Concen: 49.16 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Tgt Ion:178 Resp: 380035
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.6 13.0 19.4



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

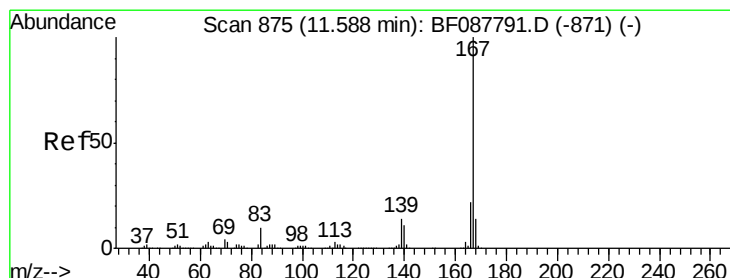
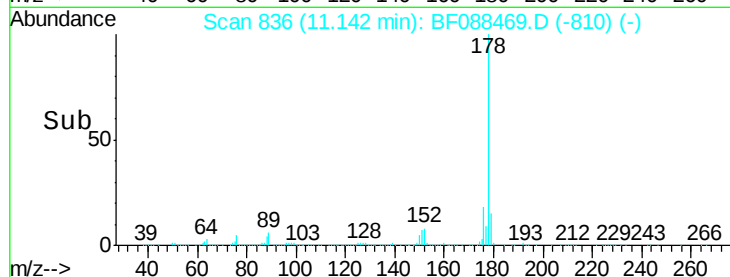
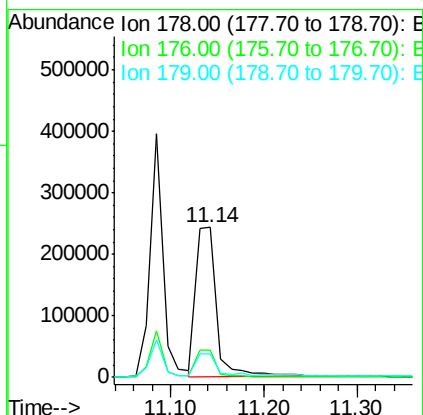
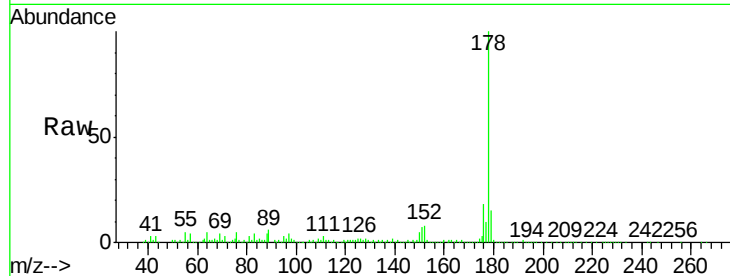




#71
 Anthracene
 Concen: 48.75 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

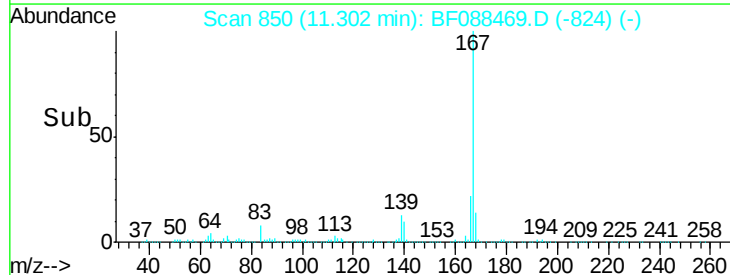
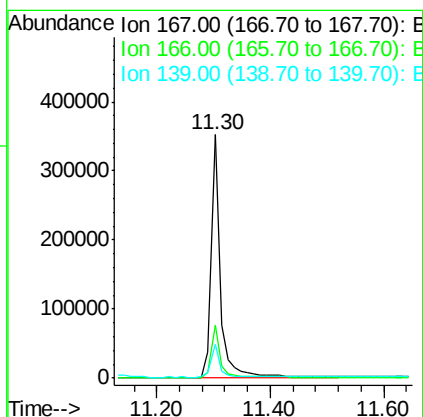
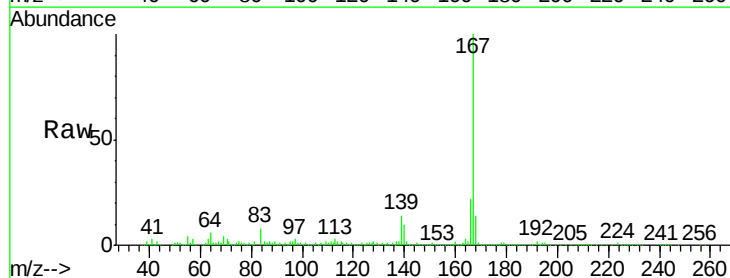
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

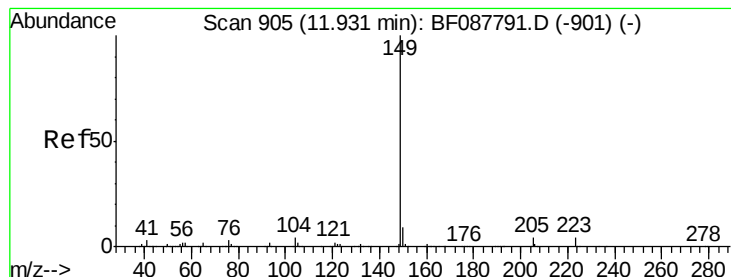
Tot Ion:178 Resp: 380172
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.6 23.4
 179 15.5 12.8 19.2



#72
 Carbazole
 Concen: 51.04 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Tgt Ion:167 Resp: 372475
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.7 11.2 16.8





#73

Di-n-butylphthalate

Concen: 48.09 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

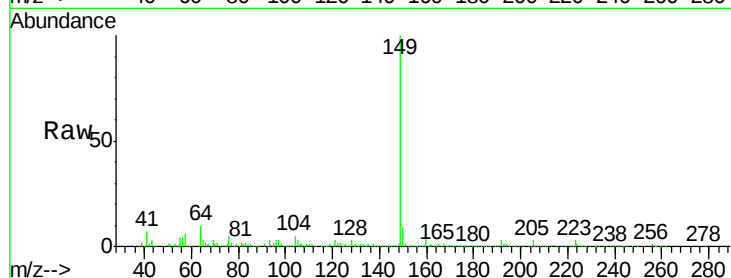
Tot Ion:149 Resp: 444201

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

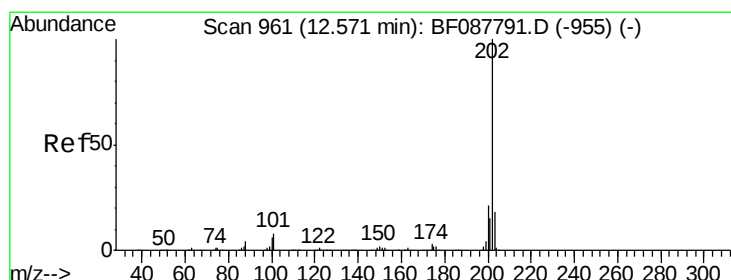
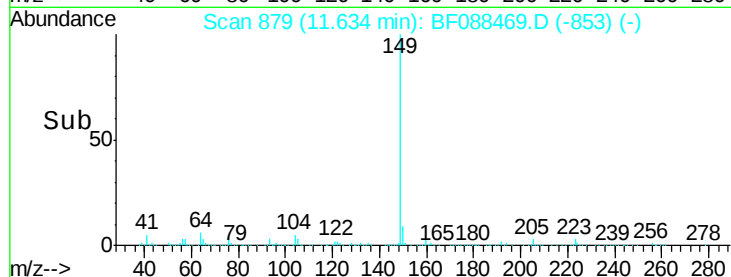
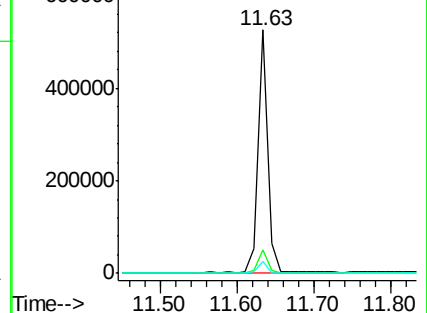
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.96 ng

RT: 12.27 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

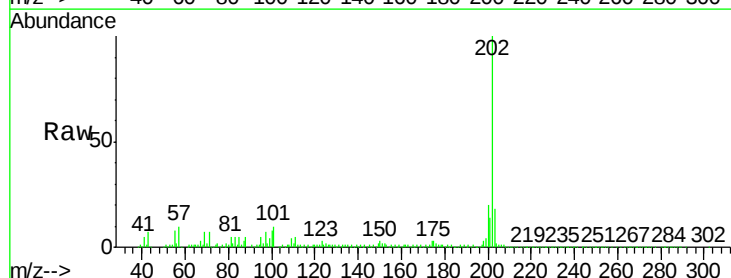
Tgt Ion:202 Resp: 358623

Ion Ratio Lower Upper

202 100

101 10.3 0.0 33.1

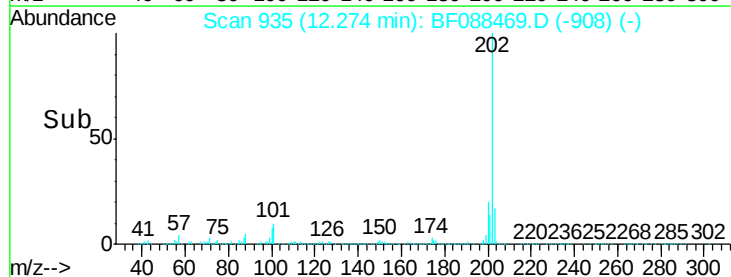
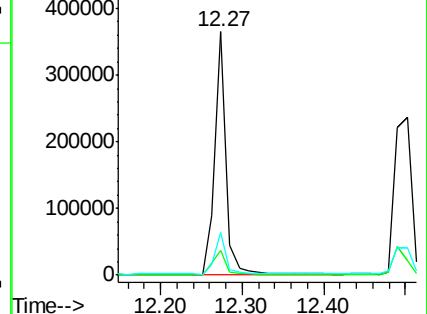
203 17.6 0.0 38.1

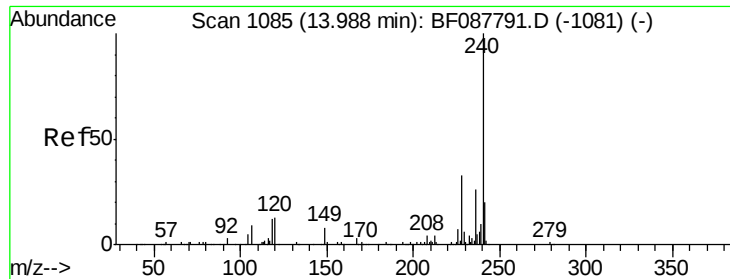


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

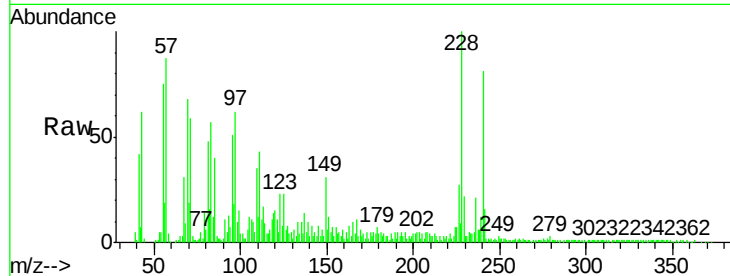
Tot Ion:240 Resp: 91716

Ion Ratio Lower Upper

240 100

120 18.6 6.8 10.2#

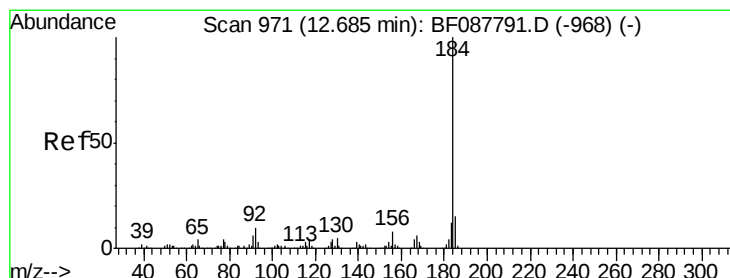
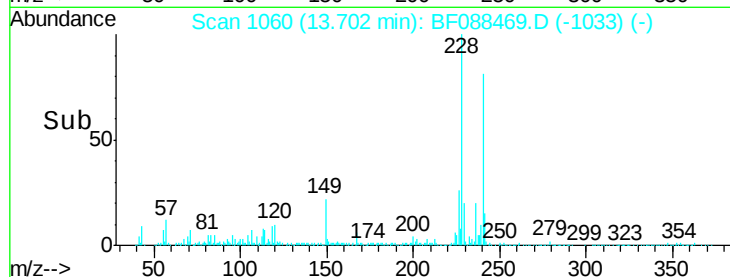
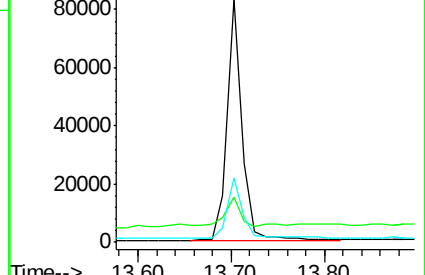
236 26.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.87 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.02 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

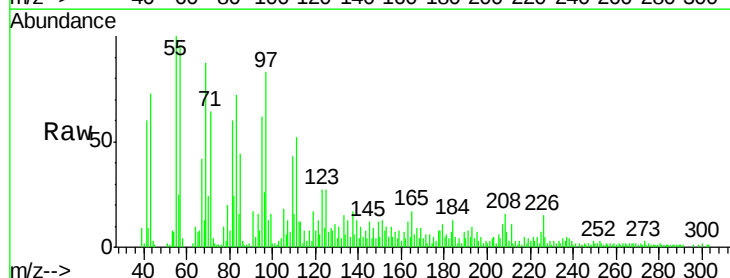
Tgt Ion:184 Resp: 12363

Ion Ratio Lower Upper

184 100

185 40.4 12.5 18.7#

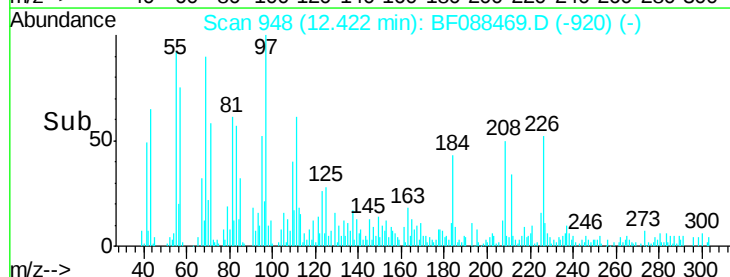
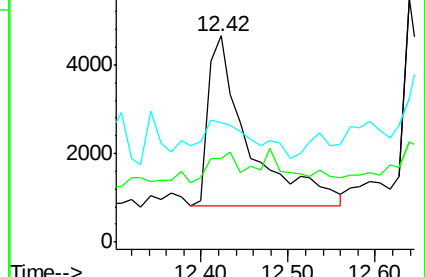
183 57.9 9.3 13.9#

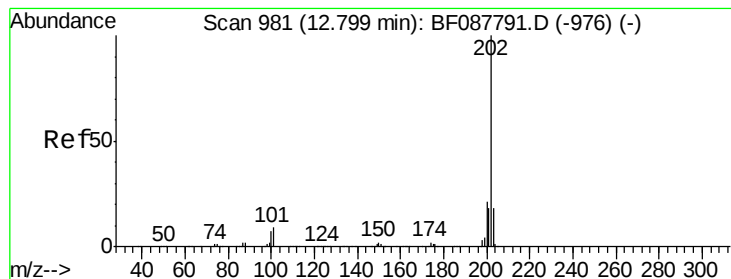


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 50.32 ng

RT: 12.50 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

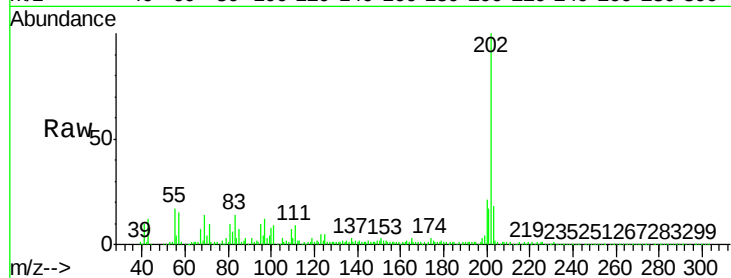
Tot Ion:202 Resp: 342451

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

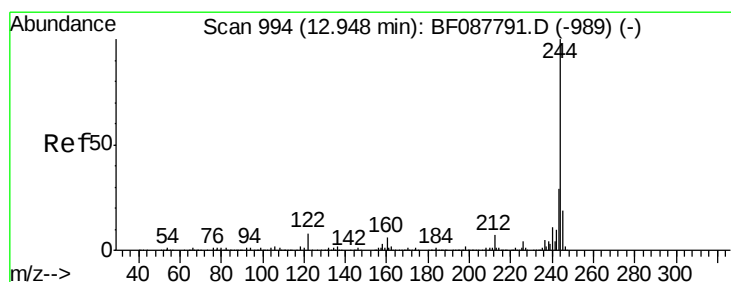
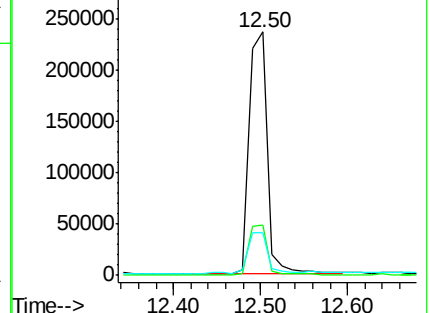
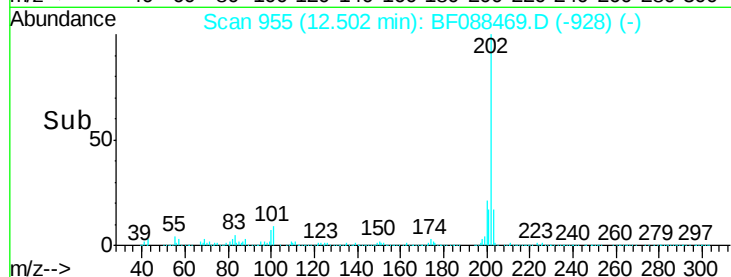
203 17.6 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.24 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

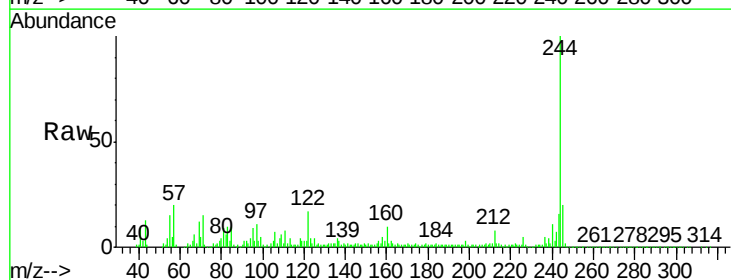
Tgt Ion:244 Resp: 379832

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

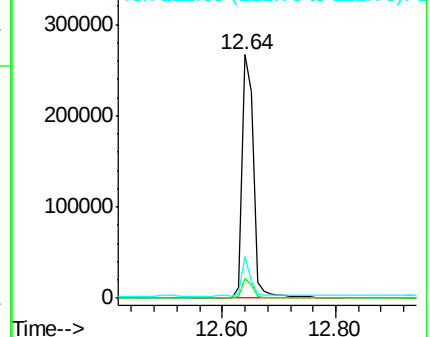
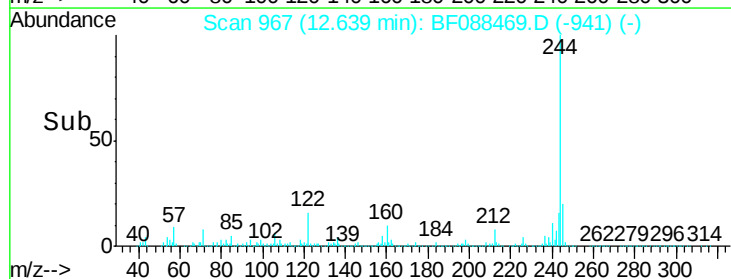
122 17.2 11.2 16.8#

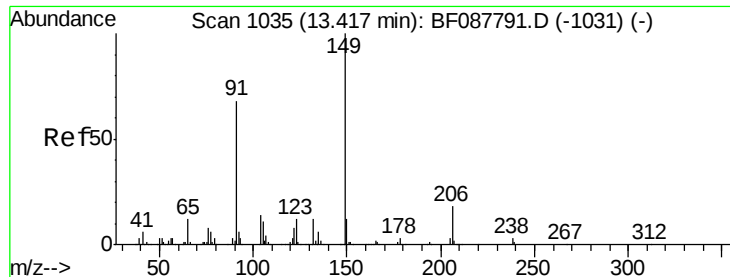


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

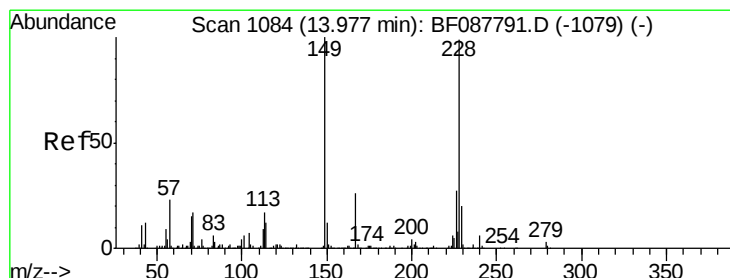
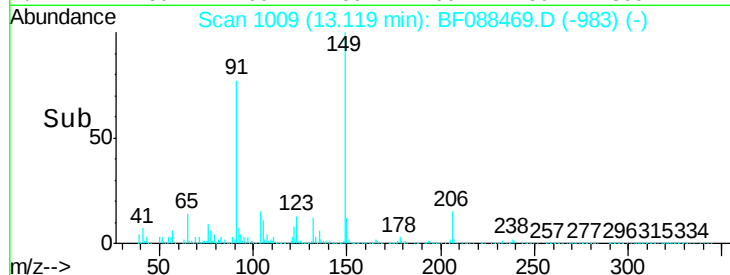
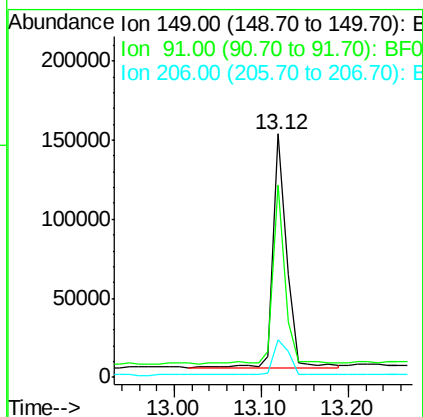
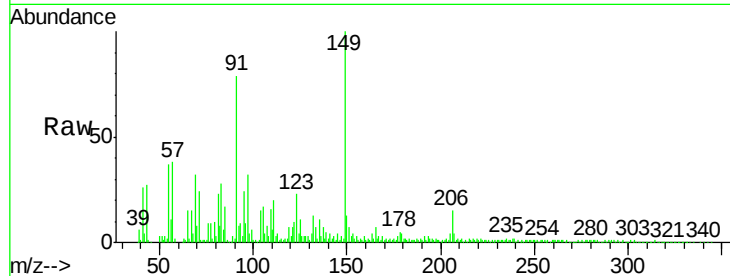




#79
Butylbenzylphthalate
Concen: 52.55 ng
RT: 13.12 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

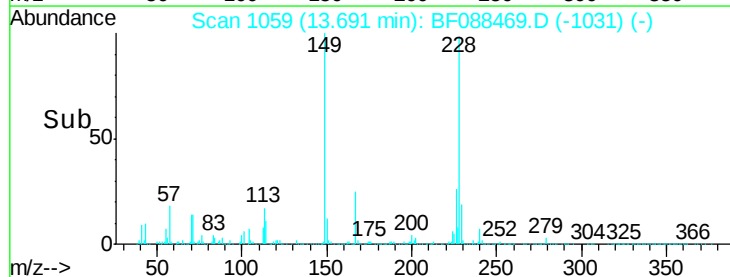
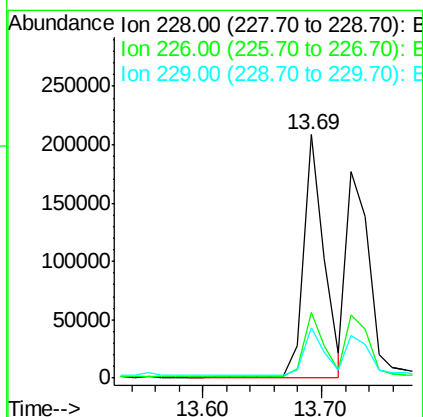
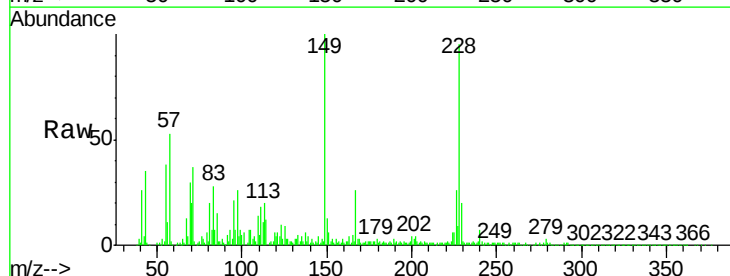
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

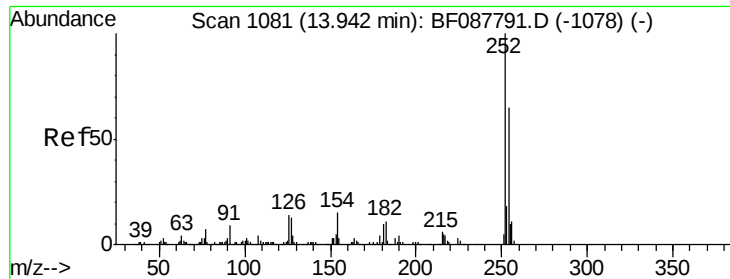
Tot Ion:149 Resp: 158117
Ion Ratio Lower Upper
149 100
91 78.8 48.0 72.0#
206 15.5 16.0 24.0#



#80
Benzo(a)anthracene
Concen: 47.15 ng
RT: 13.69 min Scan# 1059
Delta R.T. 0.02 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Tgt Ion:228 Resp: 246431
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 20.5 16.0 24.0

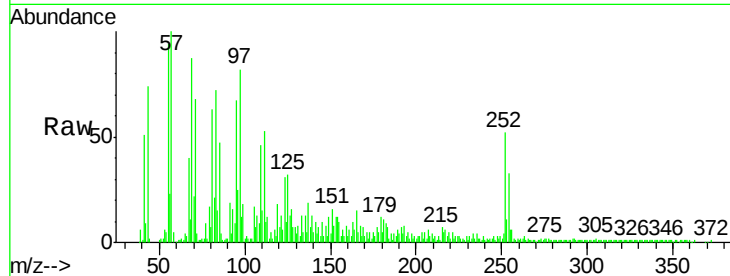




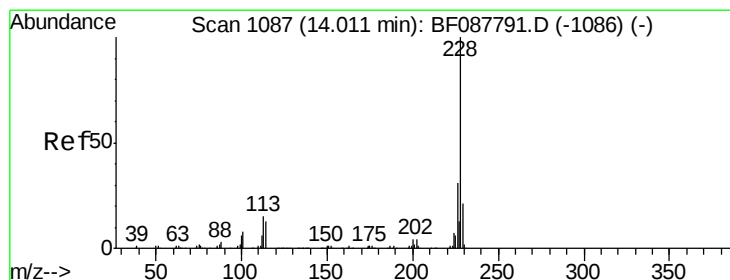
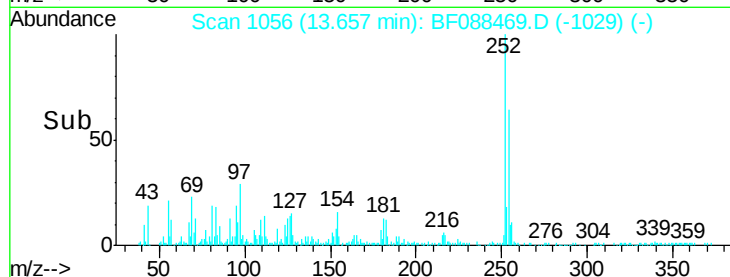
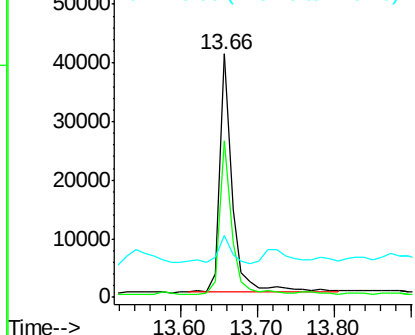
#81
 3,3'-Dichlorobenzidine
 Concen: 33.65 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tot Ion:252 Resp: 47302
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.6 78.8
 126 25.4 6.2 9.2#

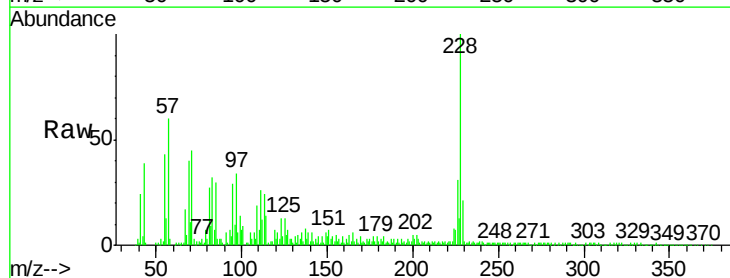


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

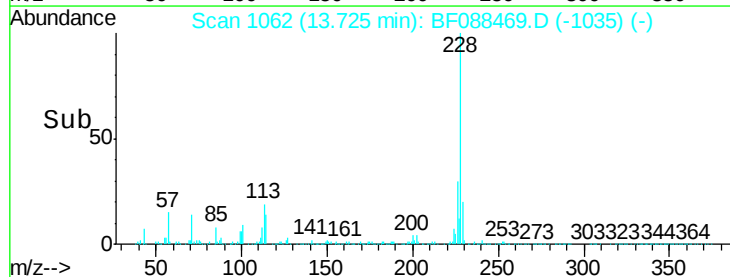
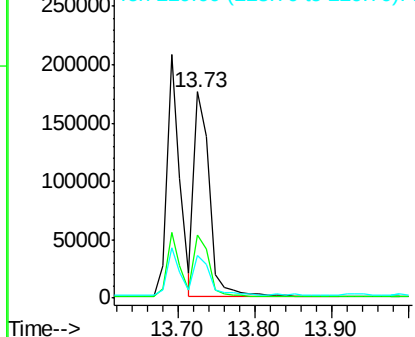


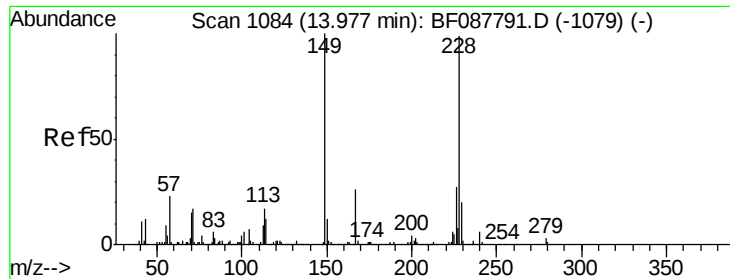
#82
 Chrysene
 Concen: 50.12 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.01 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Tgt Ion:228 Resp: 246439
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.2
 229 20.9 16.3 24.5



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

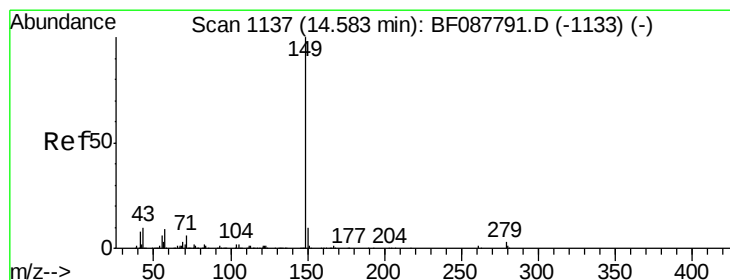
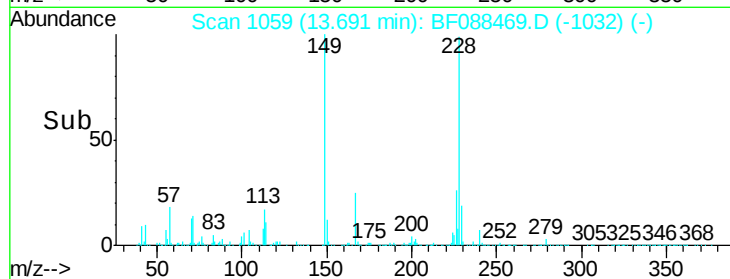
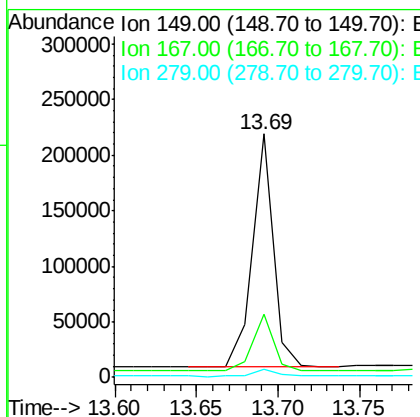
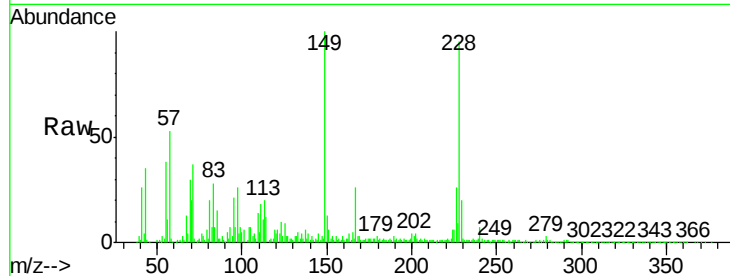




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.85 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

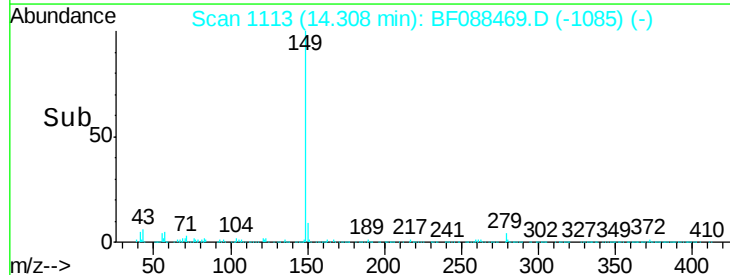
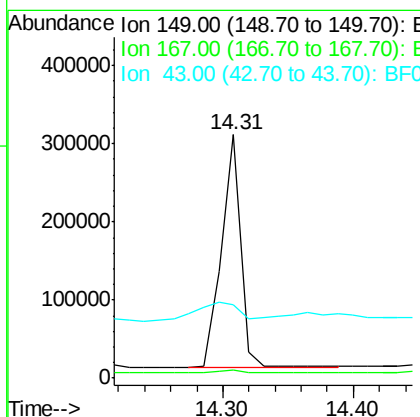
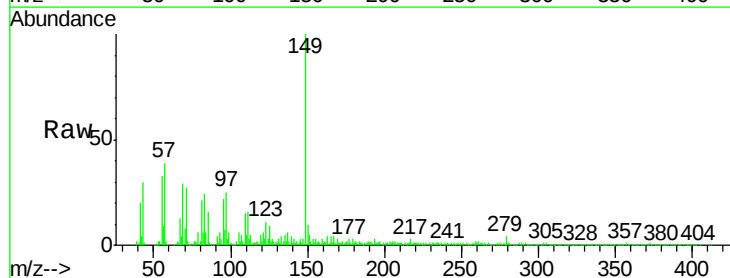
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

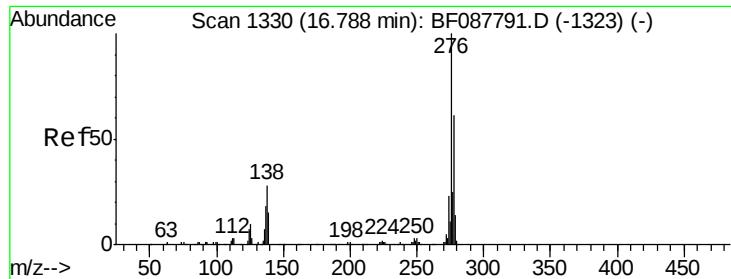
Tot Ion:149 Resp: 186261
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.5 30.7
 279 3.5 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 52.34 ng
 RT: 14.31 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: BF088469.D
 Acq: 27 Jun 2016 23:48

Tgt Ion:149 Resp: 311549
 Ion Ratio Lower Upper
 149 100
 167 2.6 0.0 0.0#
 43 20.0 0.0 0.0#

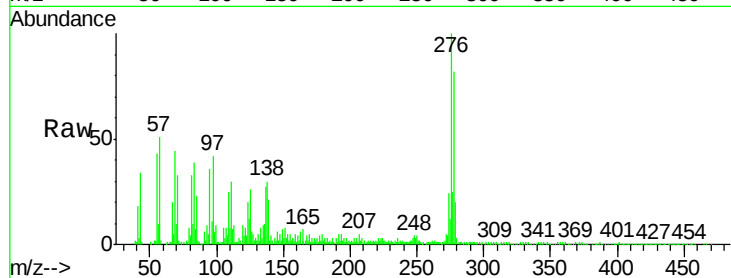




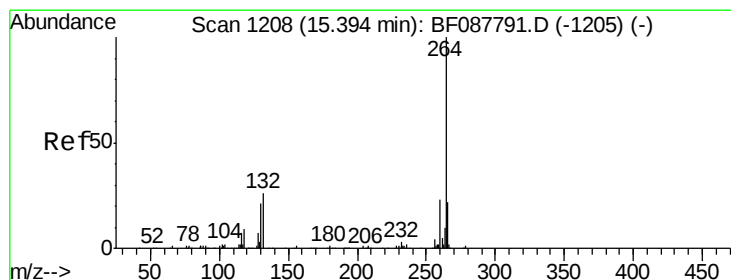
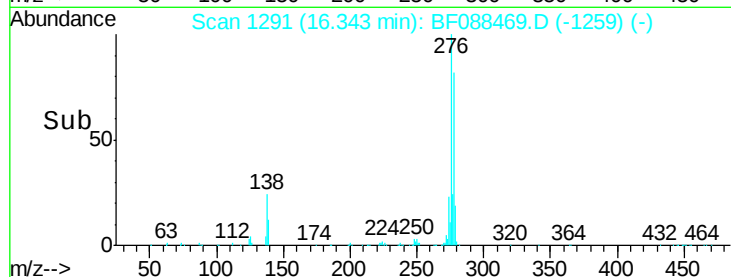
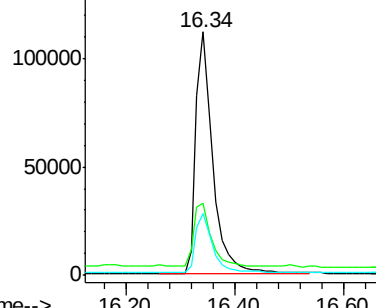
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.50 ng
RT: 16.34 min Scan# 1291
Delta R.T. 0.07 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tot Ion:276 Resp: 244396
Ion Ratio Lower Upper
276 100
138 27.4 0.0 0.0#
277 24.7 0.0 0.0#

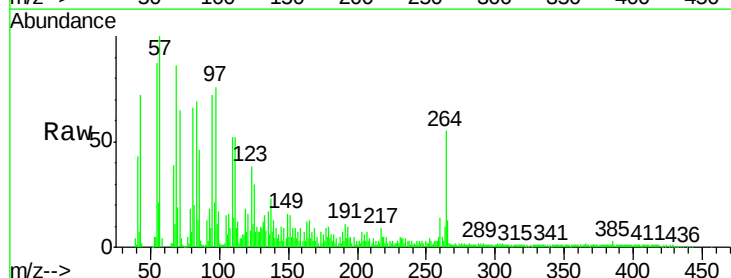


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

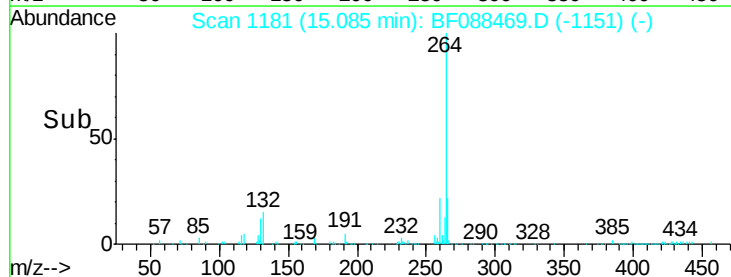
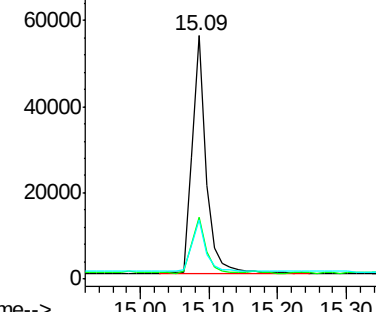


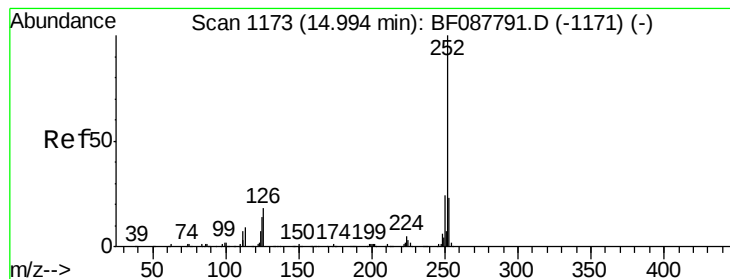
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. 0.05 min
Lab File: BF088469.D
Acq: 27 Jun 2016 23:48

Tgt Ion:264 Resp: 81025
Ion Ratio Lower Upper
264 100
260 25.6 19.2 28.8
265 24.3 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.62 ng m

RT: 14.71 min Scan# 1148

Delta R.T. 0.03 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

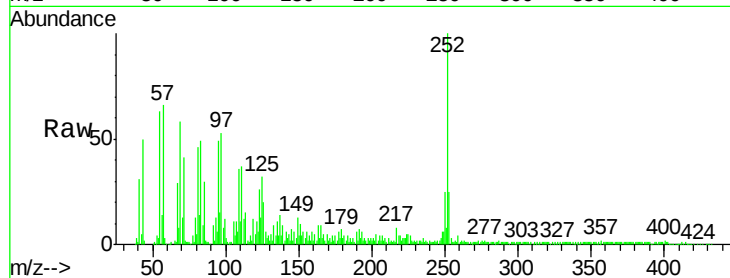
Tot Ion:252 Resp: 206814

Ion Ratio Lower Upper

252 100

253 24.6 17.4 26.2

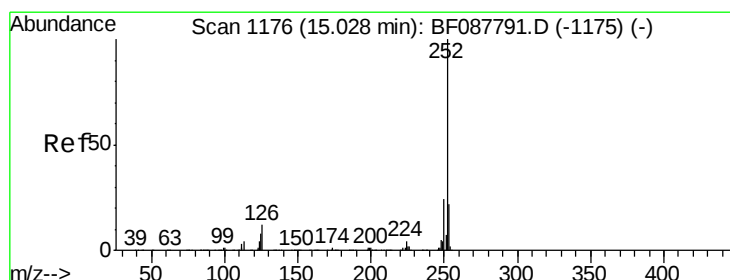
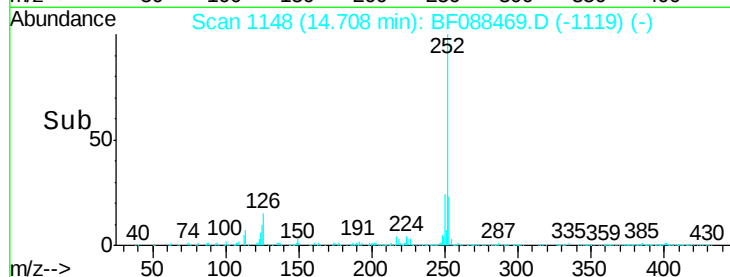
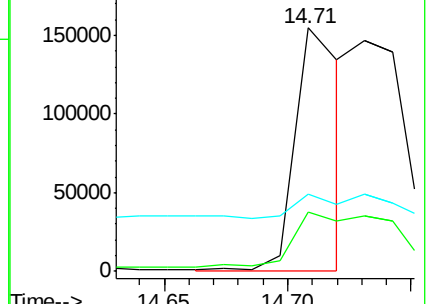
125 31.5 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 55.89 ng m

RT: 14.73 min Scan# 1150

Delta R.T. 0.02 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

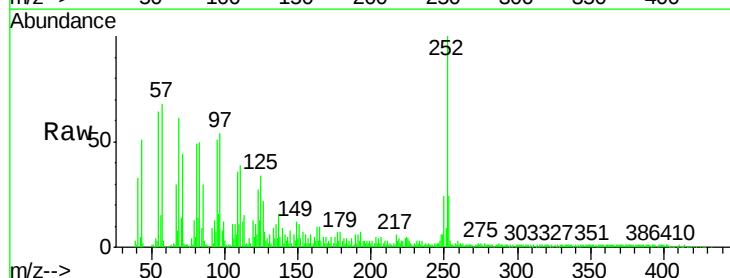
Tgt Ion:252 Resp: 238098

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

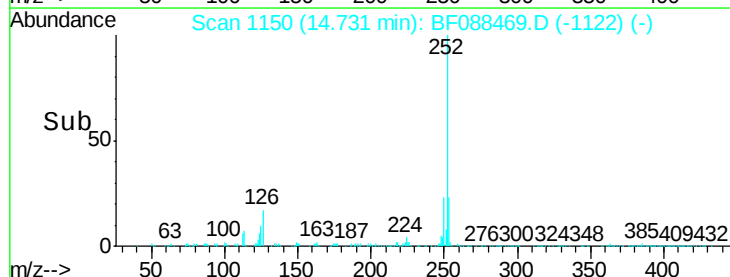
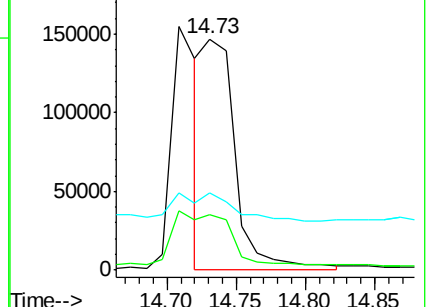
125 33.7 11.2 16.8#

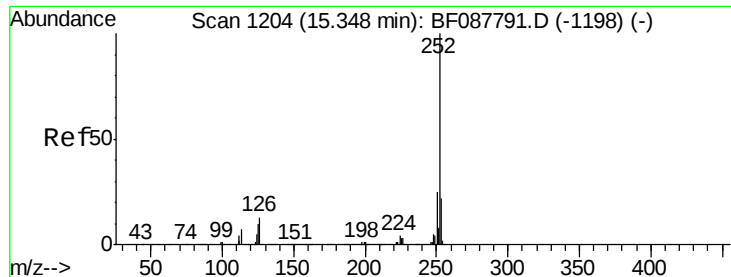


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.28 ng

RT: 15.03 min Scan# 1176

Delta R.T. 0.05 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

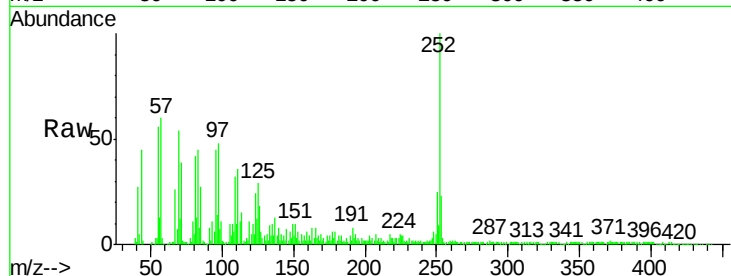
Tot Ion:252 Resp: 211454

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

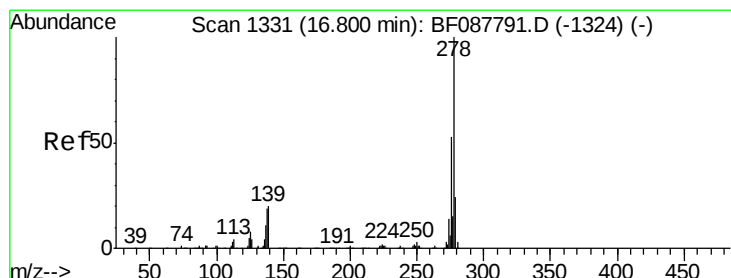
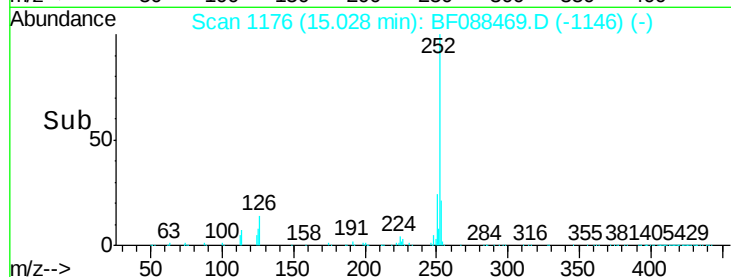
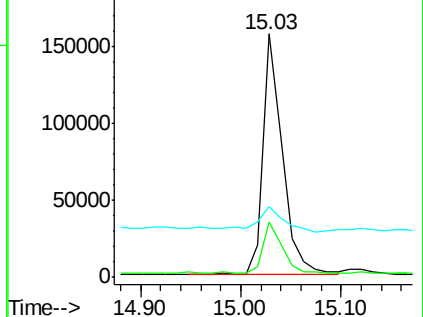
125 29.2 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.96 ng

RT: 16.34 min Scan# 1291

Delta R.T. 0.07 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

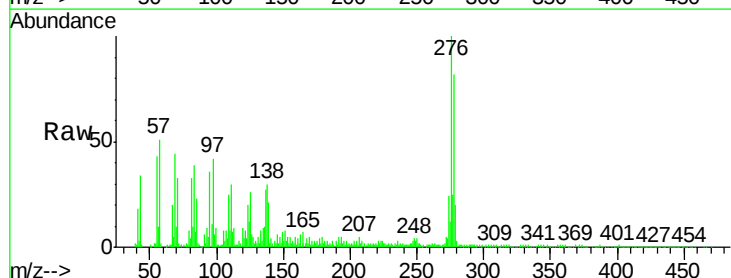
Tgt Ion:278 Resp: 207753

Ion Ratio Lower Upper

278 100

139 25.0 15.7 23.5#

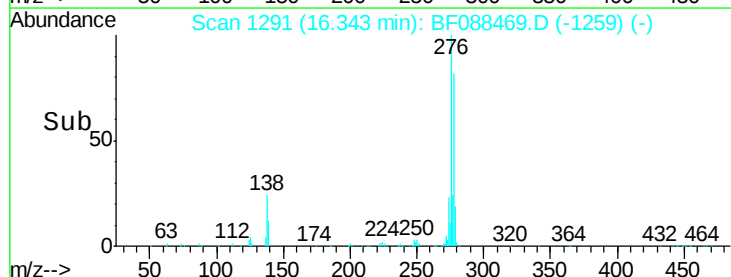
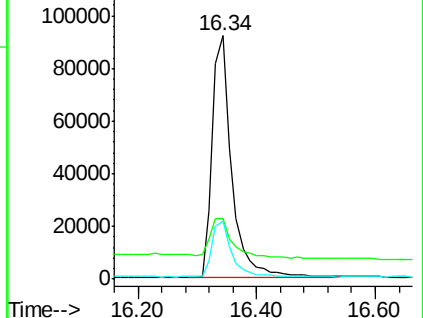
279 24.0 19.4 29.2

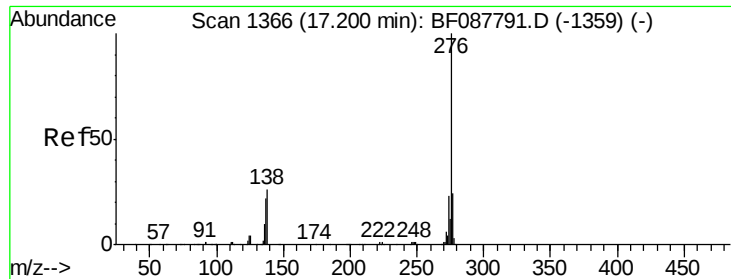


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.10 ng

RT: 16.71 min Scan# 1323

Delta R.T. 0.08 min

Lab File: BF088469.D

Acq: 27 Jun 2016 23:48

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

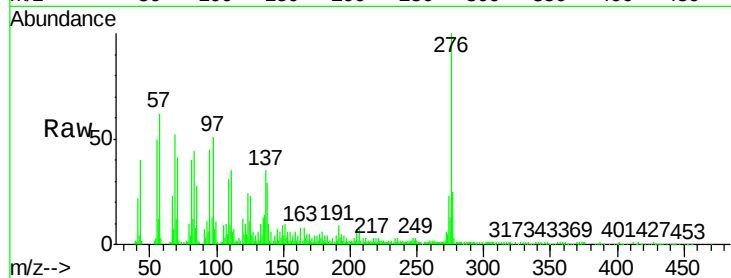
Tot Ion: 276 Resp: 201247

Ion Ratio Lower Upper

276 100

277 24.9 18.9 28.3

138 29.1 21.4 32.2



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

