

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085089.D
 Acq On : 17 Feb 2016 16:32
 Operator : SJ/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 17 16:59:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 16:42:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	218168	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	843271	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	392347	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	799948	20.00	ng	0.00
75) Chrysene-d12	14.16	240	792855	20.00	ng	0.00
86) Perylene-d12	15.63	264	728205	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	942966	75.54	ng	0.00
7) Phenol-d6	6.62	99	1341843	85.50	ng	0.00
23) Nitrobenzene-d5	7.55	82	1184211	86.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	363390	87.24	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2173003	81.85	ng	0.00
78) Terphenyl-d14	13.11	244	2243981	79.27	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	242547	41.06	ng	89
3) Pyridine	3.47	79	572299	37.60	ng	88
4) n-Nitrosodimethylamine	3.42	42	297903	40.80	ng	# 92
6) Aniline	6.65	93	879136	40.33	ng	# 72
8) 2-Chlorophenol	6.78	128	591176	41.08	ng	95
9) Benzaldehyde	6.54	77	342291	37.51	ng	86
10) Phenol	6.63	94	824503	48.60	ng	# 40
11) bis(2-Chloroethyl)ether	6.73	93	582717	40.69	ng	96
12) 1,3-Dichlorobenzene	6.94	146	640535	41.25	ng	99
13) 1,4-Dichlorobenzene	7.02	146	648911	41.15	ng	95
14) 1,2-Dichlorobenzene	7.16	146	560299	38.37	ng	98
15) Benzyl Alcohol	7.13	79	474407	41.17	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	865755	39.99	ng	94
17) 2-Methylphenol	7.23	107	456817	39.67	ng	# 86
18) Hexachloroethane	7.51	117	225649	40.16	ng	# 83
19) n-Nitroso-di-n-propylamine	7.40	70	412678	38.52	ng	92
20) 3+4-Methylphenols	7.39	107	602192	41.61	ng	98
22) Acetophenone	7.40	105	834092	39.70	ng	# 97
24) Nitrobenzene	7.58	77	615993	43.78	ng	99
25) Isophorone	7.82	82	1114687	38.77	ng	99
26) 2-Nitrophenol	7.90	139	289493	46.36	ng	# 88
27) 2,4-Dimethylphenol	7.92	122	549952	40.26	ng	99
28) bis(2-Chloroethoxy)methane	8.02	93	617559	36.22	ng	98
29) 2,4-Dichlorophenol	8.12	162	470704	39.99	ng	95
30) 1,2,4-Trichlorobenzene	8.22	180	511543	38.13	ng	99
31) Naphthalene	8.31	128	1654886	40.83	ng	98
32) Benzoic acid	8.04	122	429544	42.79	ng	97
33) 4-Chloroaniline	8.34	127	613849	35.29	ng	95
34) Hexachlorobutadiene	8.42	225	328407	40.49	ng	96
35) Caprolactam	8.72	113	149719	42.55	ng	94
36) 4-Chloro-3-methylphenol	8.82	107	543956	42.75	ng	88
37) 2-Methylnaphthalene	8.99	142	1072454	40.70	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	534947	40.07	ng	98
40) Hexachlorocyclopentadiene	9.15	237	315577	44.08	ng	96

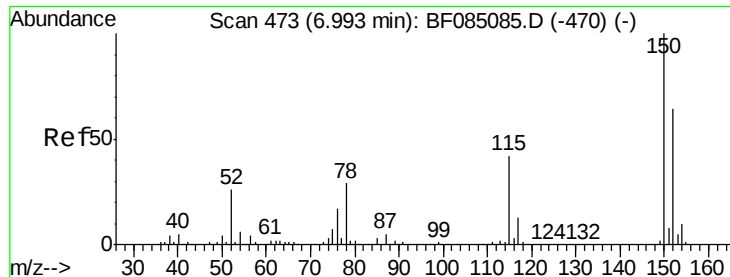
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	384162	45.30	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	382643	45.79	nq	92
45) 1,1'-Biphenyl	9.46	154	1391228	41.45	nq	97
46) 2-Chloronaphthalene	9.48	162	1076657	43.60	nq	94
47) 2-Nitroaniline	9.58	65	301161	40.10	nq	# 75
48) Acenaphthylene	9.90	152	1575581	39.47	nq	97
49) Dimethylphthalate	9.76	163	1290793	44.82	nq	# 97
50) 2,6-Dinitrotoluene	9.82	165	284746	46.96	nq	92
51) Acenaphthene	10.07	154	978803	39.78	nq	97
52) 3-Nitroaniline	9.99	138	295731	43.05	nq	# 79
53) 2,4-Dinitrophenol	10.08	184	89949	44.11	nq	# 1
54) Dibenzofuran	10.24	168	1307470	39.78	nq	97
55) 4-Nitrophenol	10.12	139	227800	41.85	nq	95
56) 2,4-Dinitrotoluene	10.22	165	356464	47.70	nq	95
57) Fluorene	10.58	166	1034869	38.21	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	313781	46.01	nq	96
59) Diethylphthalate	10.46	149	1247318	41.93	nq	95
60) 4-Chlorophenyl-phenylether	10.57	204	544960	38.94	nq	92
61) 4-Nitroaniline	10.59	138	261186	40.72	nq	98
62) Azobenzene	10.73	77	1040597	37.24	nq	96
64) 4,6-Dinitro-2-methylphenol	10.63	198	153909	42.85	nq	# 58
65) n-Nitrosodiphenylamine	10.70	169	1042023	41.30	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	359527	38.49	nq	93
67) Hexachlorobenzene	11.13	284	392567	40.00	nq	92
68) Atrazine	11.21	200	286244	39.39	nq	96
69) Pentachlorophenol	11.32	266	254030	42.67	nq	97
70) Phenanthrene	11.54	178	1506148	37.48	nq	98
71) Anthracene	11.60	178	1763737	43.48	nq	95
72) Carbazole	11.75	167	1592465	43.05	nq	98
73) Di-n-butylphthalate	12.08	149	1831154	43.38	nq	97
74) Fluoranthene	12.73	202	1720865	39.62	nq	93
76) Benzidine	12.85	184	877317	37.59	nq	# 93
77) Pyrene	12.96	202	1682557	35.25	nq	96
79) Butylbenzylphthalate	13.58	149	828158	43.65	nq	96
80) Benzo(a)anthracene	14.15	228	1633736	36.94	nq	95
81) 3,3'-Dichlorobenzidine	14.11	252	664068	40.61	nq	# 96
82) Chrysene	14.18	228	1334586	32.79	nq	95
83) Bis(2-ethylhexyl)phthalate	14.14	149	1107759	42.72	nq	# 95
84) Di-n-octyl phthalate	14.74	149	1799204	43.37	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1705613	43.32	nq	99
87) Benzo(b)fluoranthene	15.20	252	1604741	34.56	nq	# 95
88) Benzo(k)fluoranthene	15.20	252	1604741	42.92	nq	96
89) Benzo(a)pyrene	15.58	252	1607320	40.74	nq	98
90) Dibenzo(a,h)anthracene	17.14	278	1403175	41.66	nq	98
91) Benzo(g,h,i)perylene	17.58	276	1338779	40.51	nq	98

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

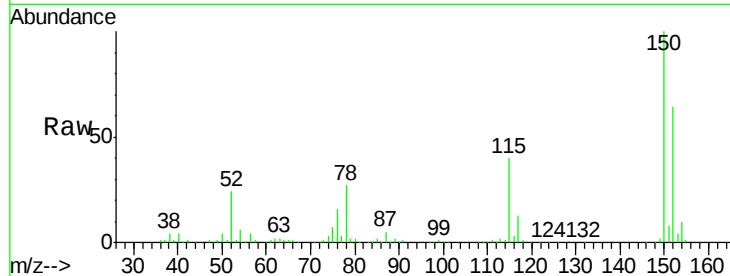


#1

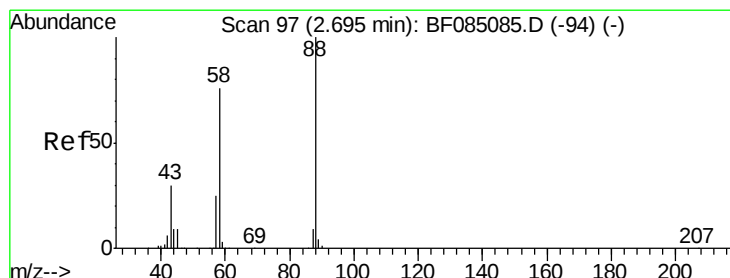
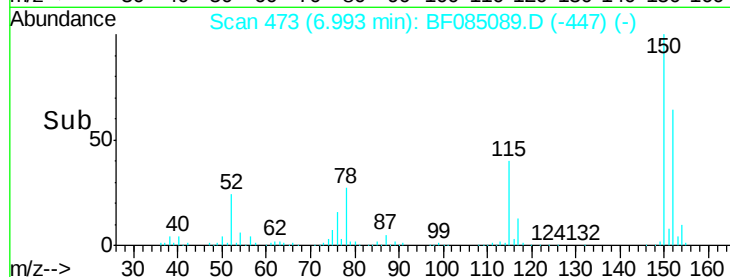
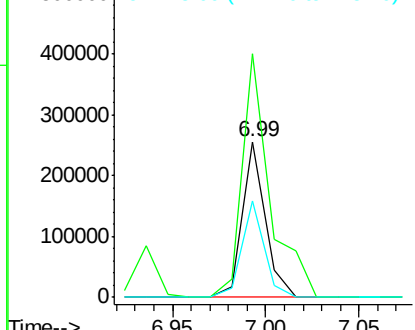
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 218168
Ion Ratio Lower Upper
152 100
150 156.7 127.4 191.2
115 62.4 50.5 75.7



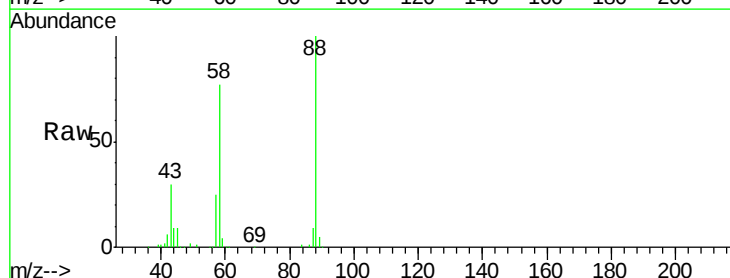
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



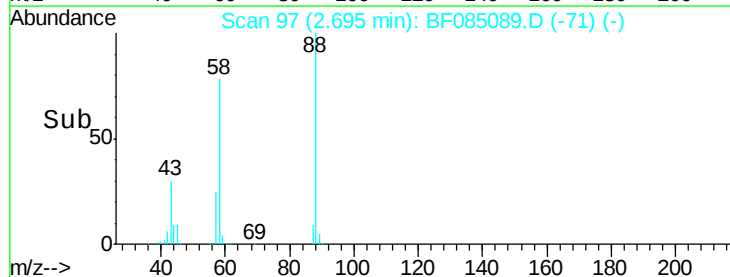
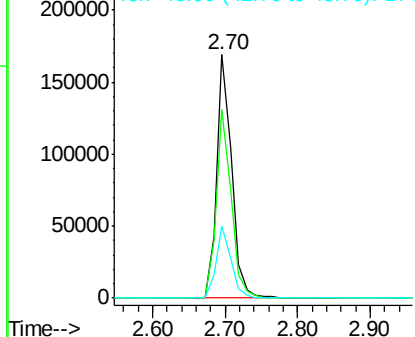
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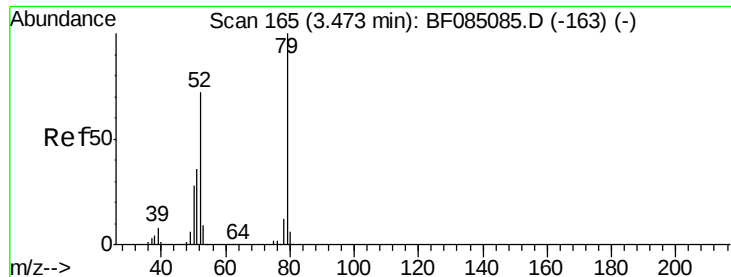
1,4-Dioxane
Concen: 41.06 ng
RT: 2.70 min Scan# 97
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion: 88 Resp: 242547
Ion Ratio Lower Upper
88 100
58 76.3 70.9 106.3
43 29.2 25.9 38.9



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: 37.60 ng

RT: 3.47 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

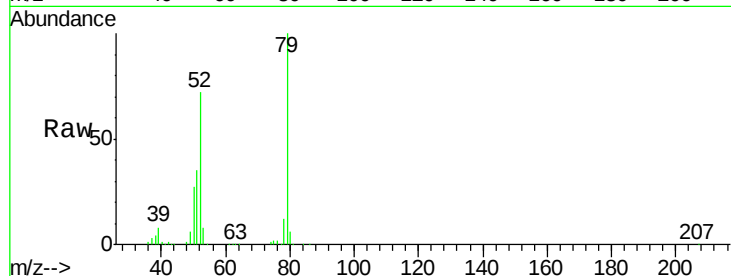
Tot Ion: 79 Resp: 572299

Ion Ratio Lower Upper

79 100

52 71.5 67.1 100.7

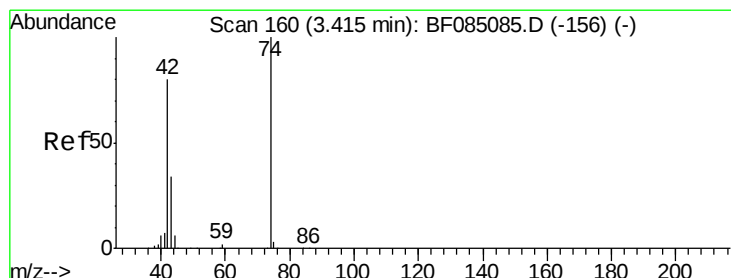
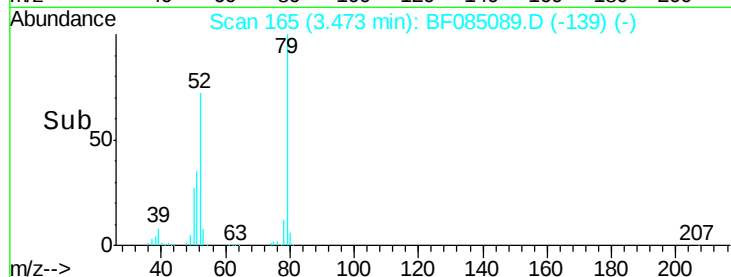
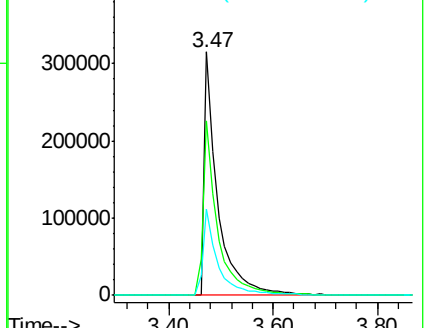
51 35.3 32.7 49.1



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: 40.80 ng

RT: 3.42 min Scan# 160

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

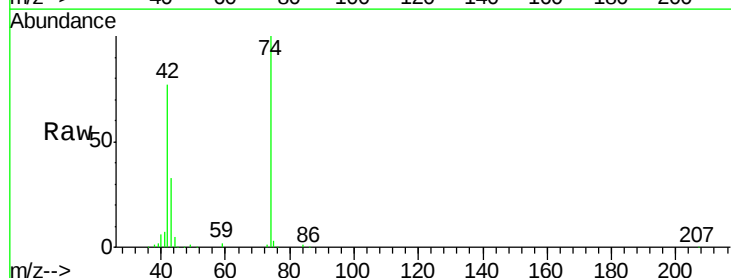
Tgt Ion: 42 Resp: 297903

Ion Ratio Lower Upper

42 100

74 129.5 96.2 144.4

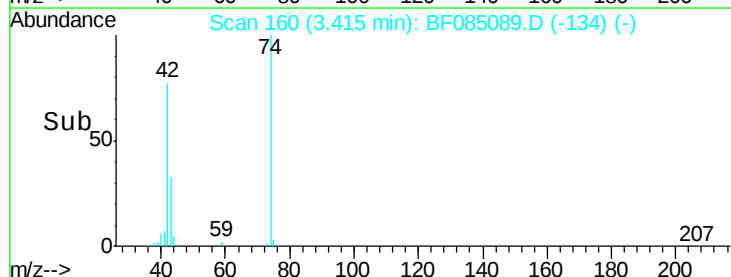
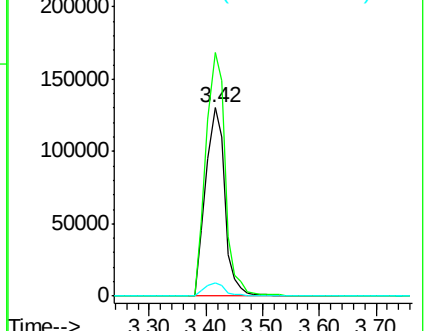
44 6.8 7.0 10.4#

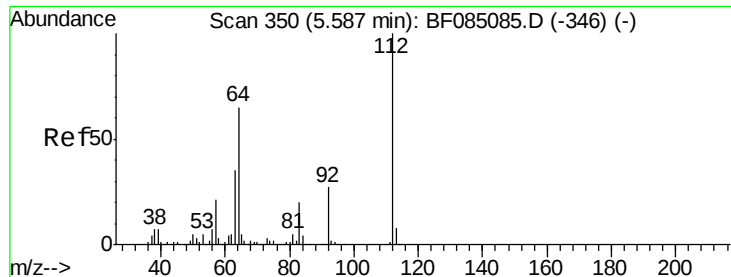


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.54 ng

RT: 5.59 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

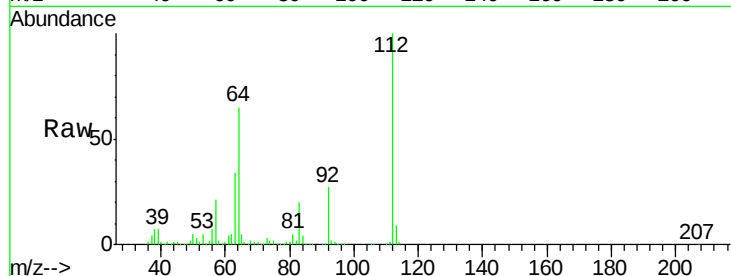
Tot Ion:112 Resp: 942966

Ion Ratio Lower Upper

112 100

64 64.6 45.4 68.2

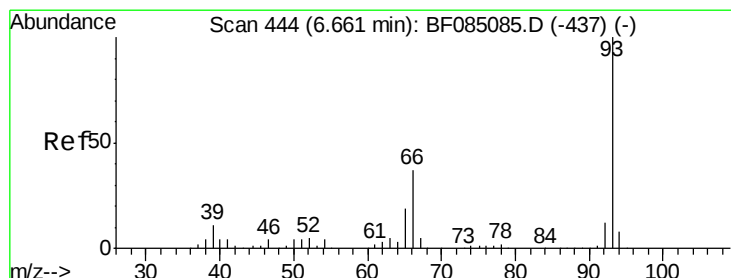
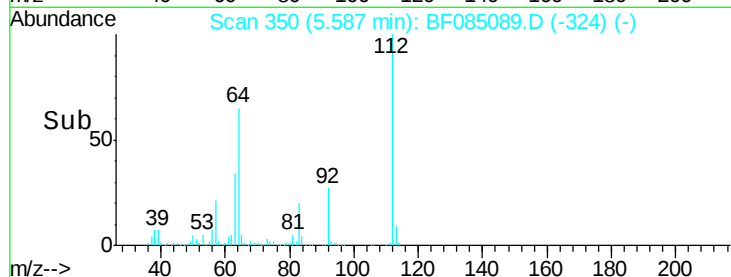
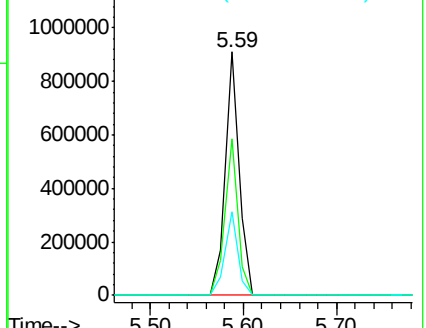
63 34.4 23.2 34.8



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: 40.33 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

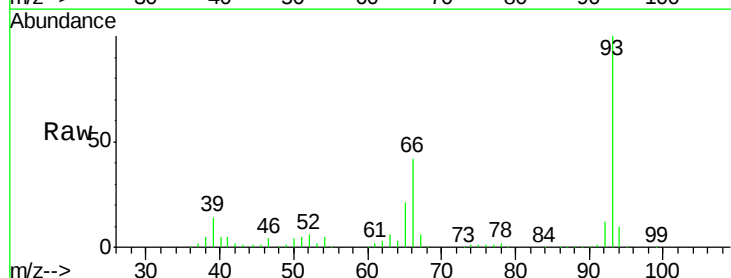
Tgt Ion: 93 Resp: 879136

Ion Ratio Lower Upper

93 100

66 41.5 51.8 77.8#

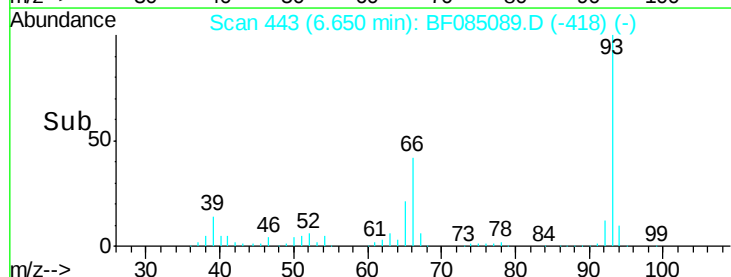
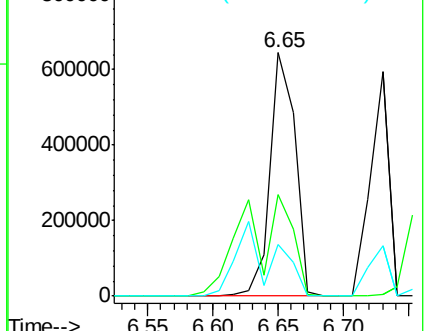
65 21.1 28.5 42.7#

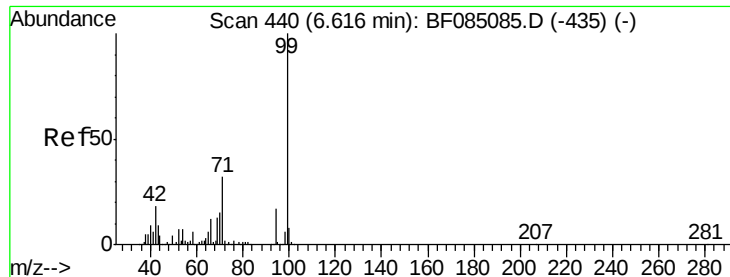


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.50 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

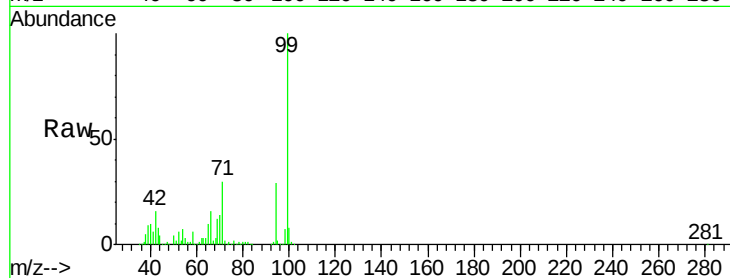
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1341843

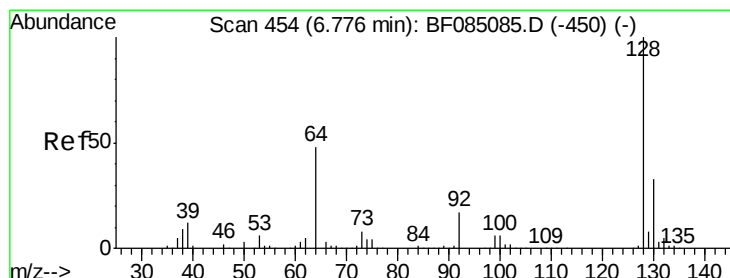
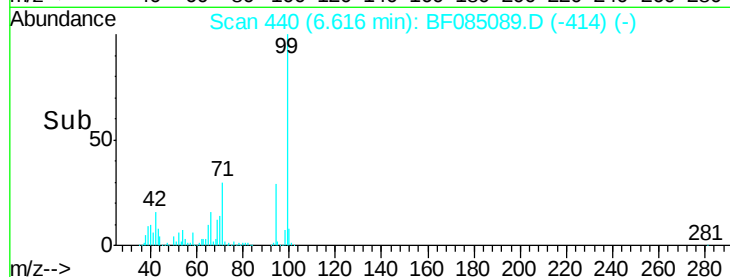
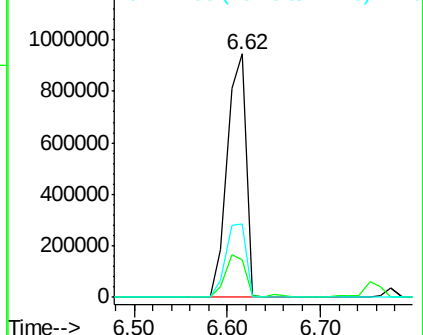
Ion	Ratio	Lower	Upper
99	100		
42	15.6	17.0	25.4#
71	30.3	28.3	42.5



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: 41.08 ng

RT: 6.78 min Scan# 454

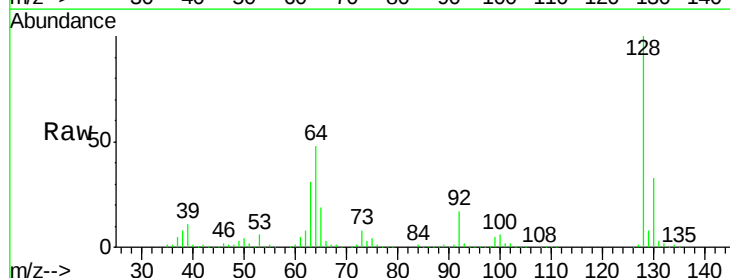
Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion: 128 Resp: 591176

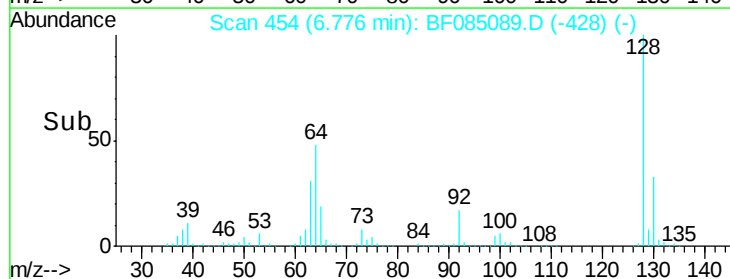
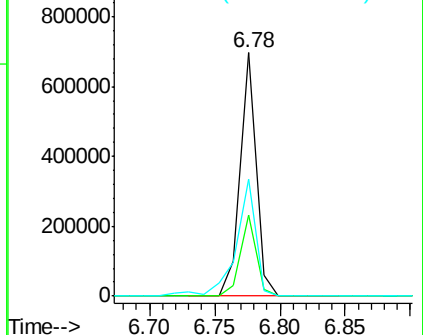
Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.4	52.4
64	47.8	32.1	72.1

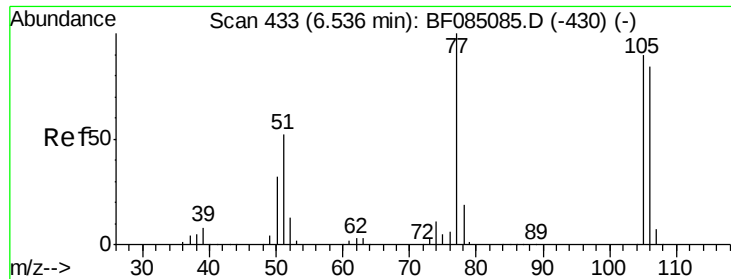


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.51 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

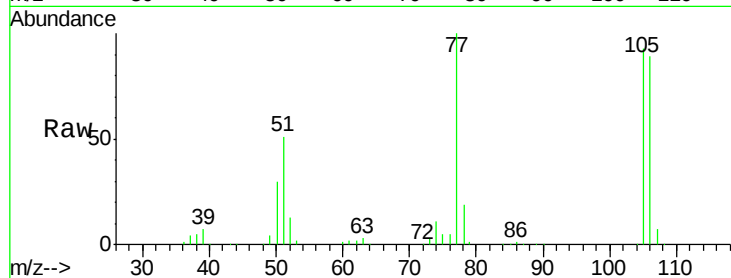
Tot Ion: 77 Resp: 342291

Ion Ratio Lower Upper

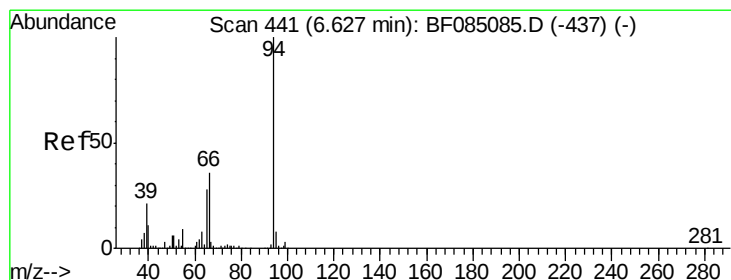
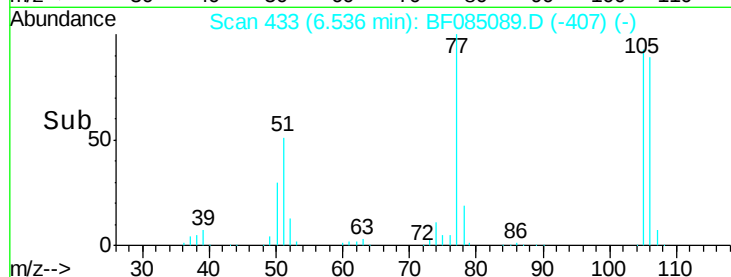
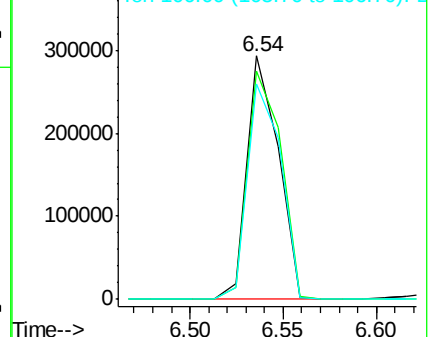
77 100

105 93.5 90.9 130.9

106 88.7 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.60 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

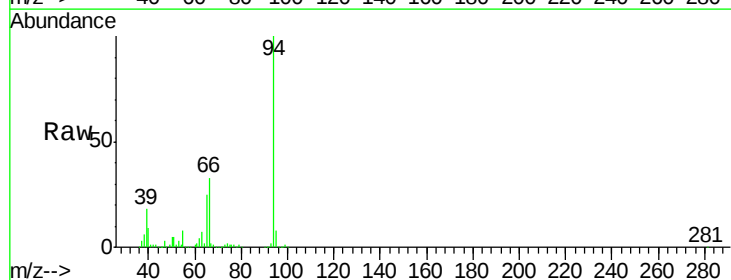
Tgt Ion: 94 Resp: 824503

Ion Ratio Lower Upper

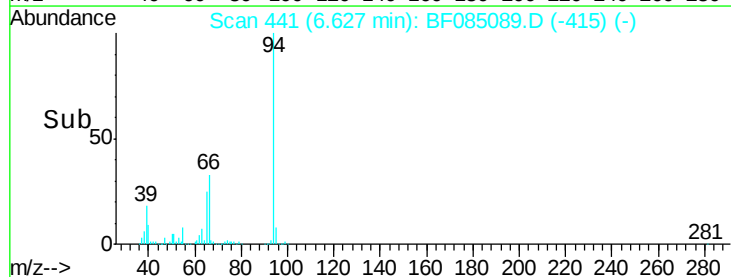
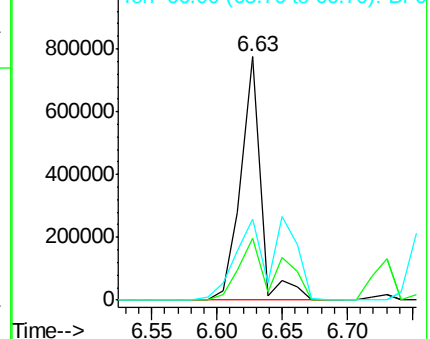
94 100

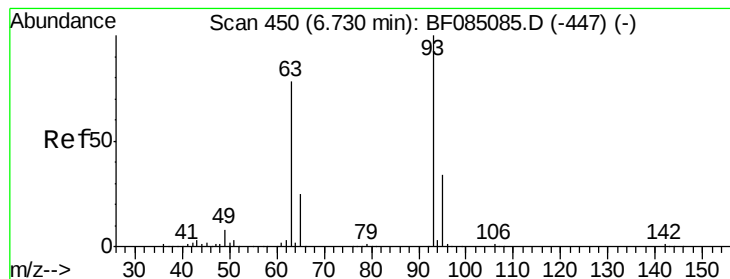
65 25.4 37.3 77.3#

66 33.1 84.1 124.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.69 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

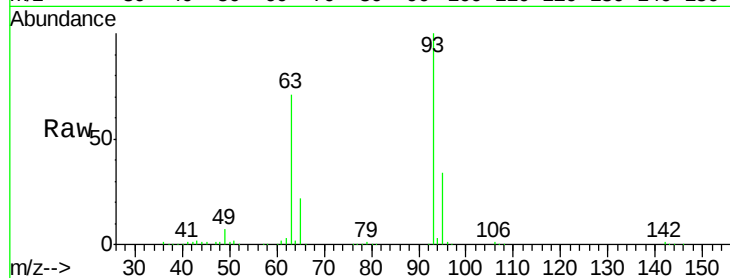
Tot Ion: 93 Resp: 582717

Ion Ratio Lower Upper

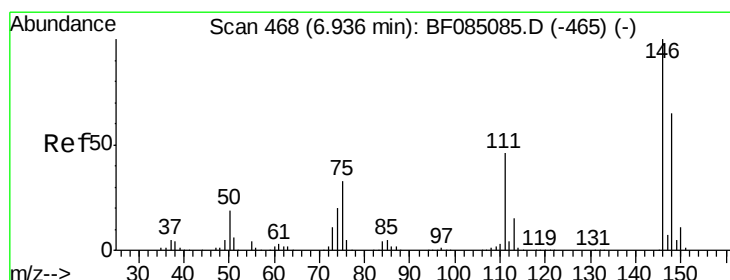
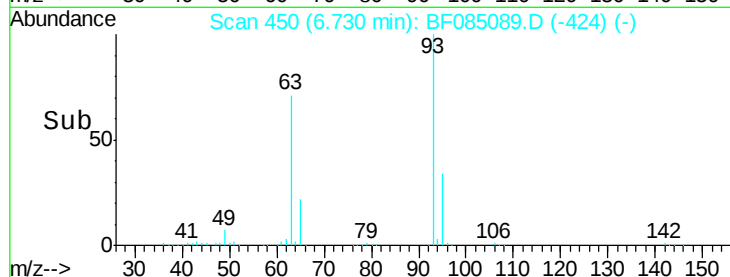
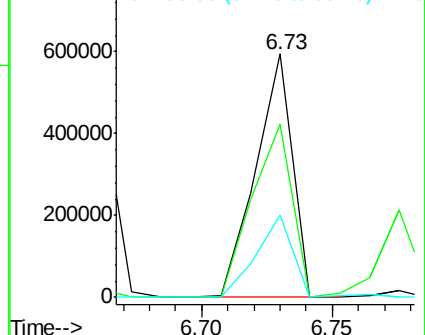
93 100

63 71.1 53.6 93.6

95 33.8 10.1 50.1



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



#12

1,3-Dichlorobenzene

Concen: 41.25 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

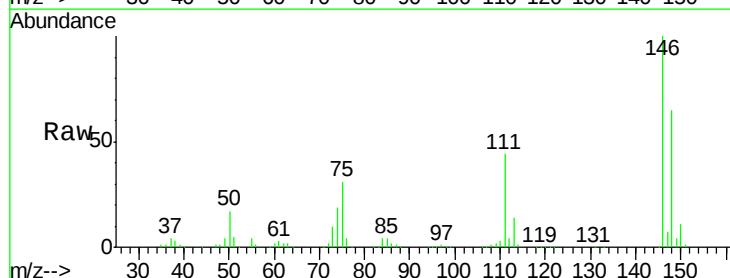
Tgt Ion: 146 Resp: 640535

Ion Ratio Lower Upper

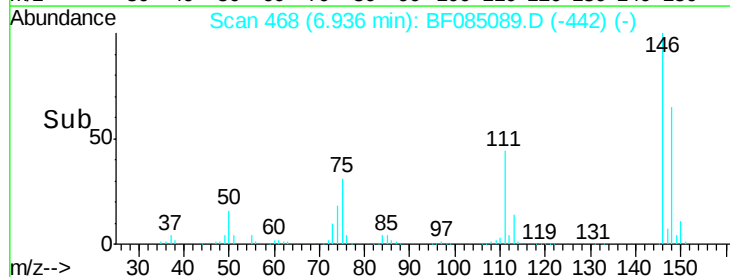
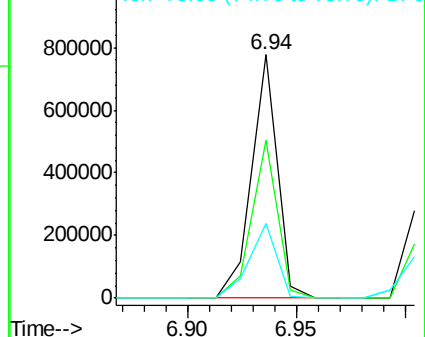
146 100

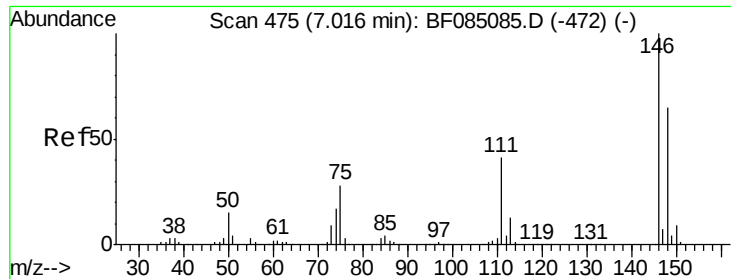
148 64.9 53.1 79.7

75 30.7 24.4 36.6



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

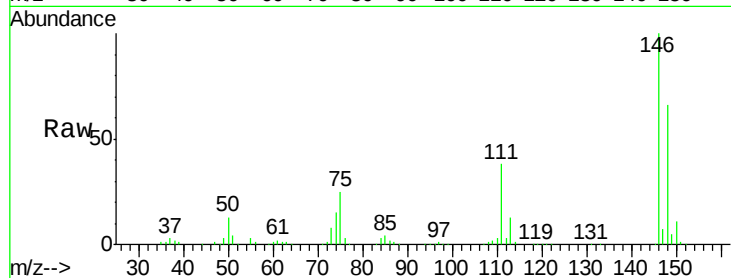




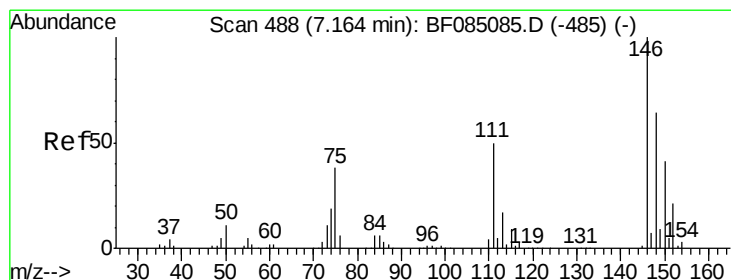
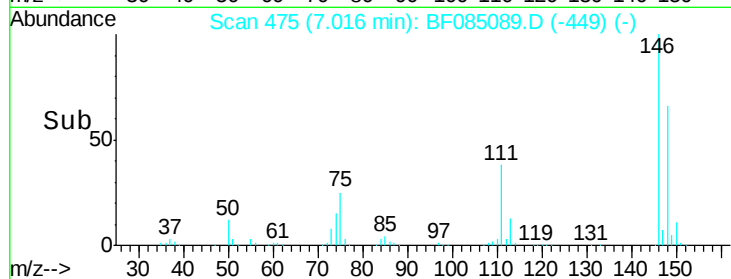
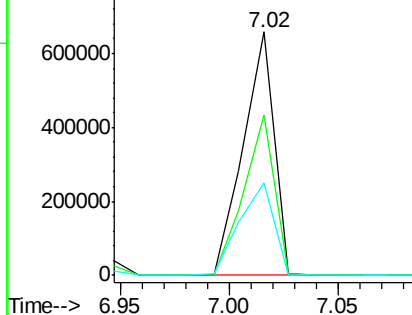
#13
 1,4-Dichlorobenzene
 Concen: 41.15 ng
 RT: 7.02 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 648911
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.3 75.5
 111 38.2 33.6 50.4

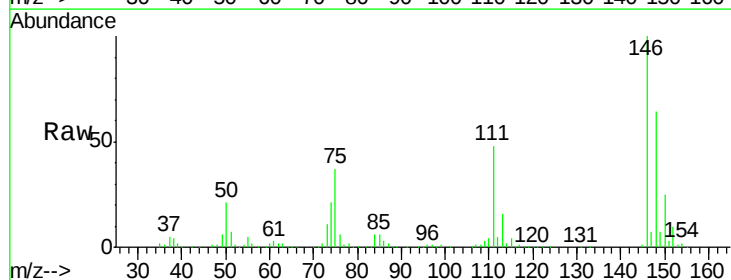


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

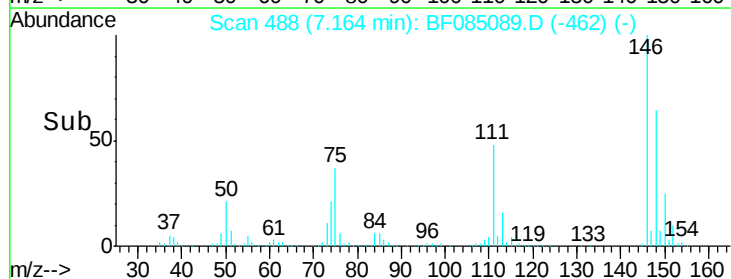
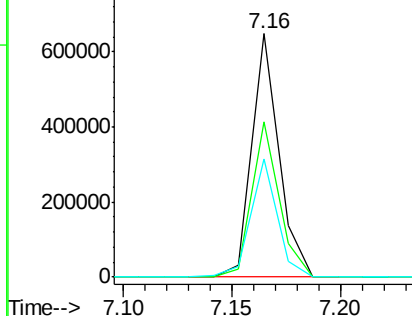


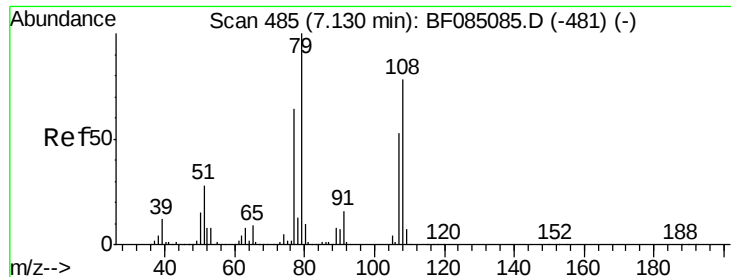
#14
 1,2-Dichlorobenzene
 Concen: 38.37 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion:146 Resp: 560299
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.5 77.3
 111 48.4 36.5 54.7



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: 41.17 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :

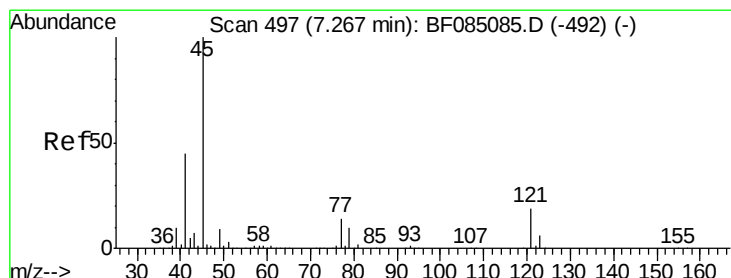
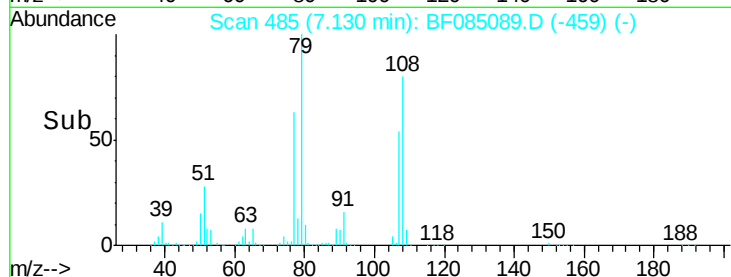
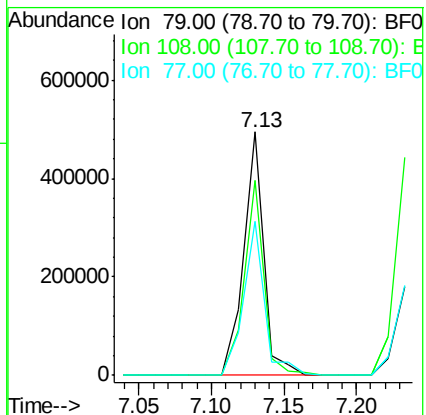
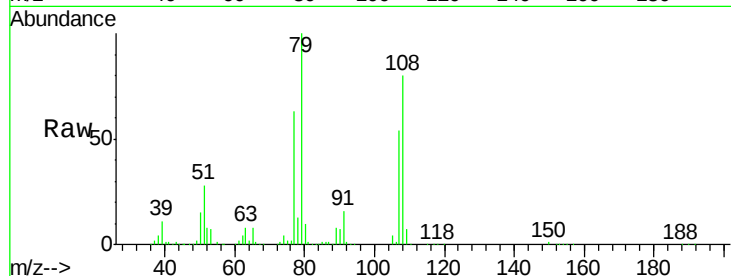
Tot Ion: 79 Resp: 474407

Ion Ratio Lower Upper

79 100

108 79.9 63.4 95.0

77 63.4 51.8 77.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.99 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

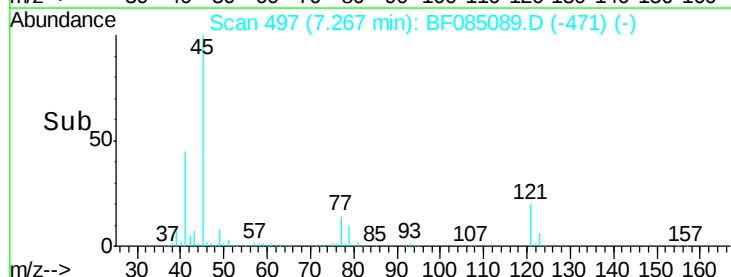
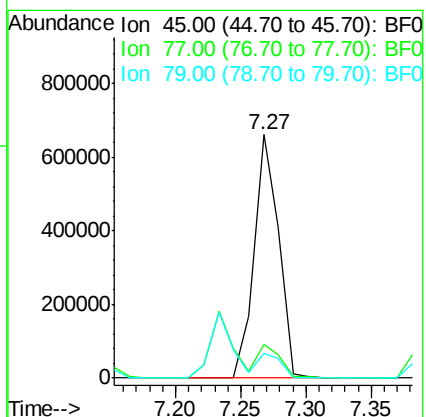
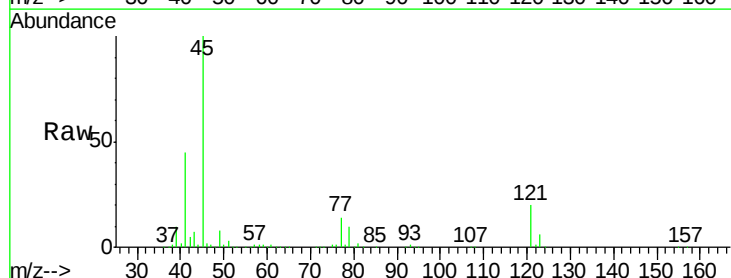
Tgt Ion: 45 Resp: 865755

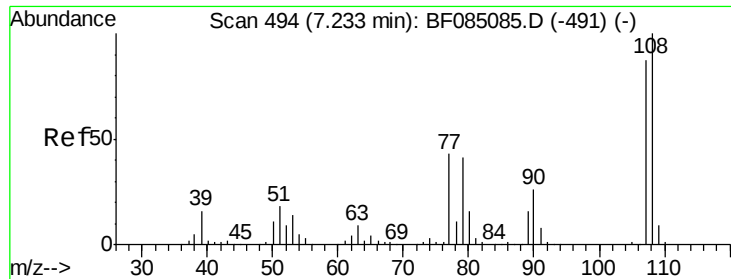
Ion Ratio Lower Upper

45 100

77 13.9 0.0 35.2

79 10.3 0.0 33.7





#17

2-Methylphenol

Concen: 39.67 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 456817

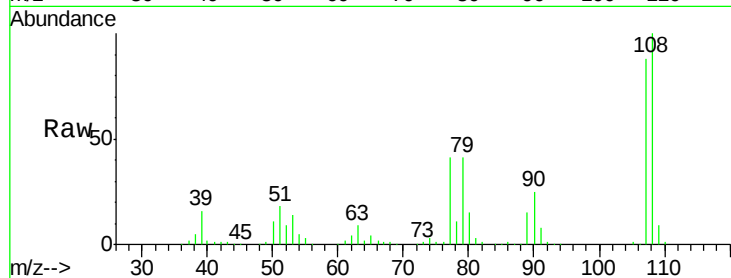
Ion Ratio Lower Upper

107 100

108 114.1 97.0 145.4

77 47.2 50.5 75.7#

79 46.4 50.1 75.1#

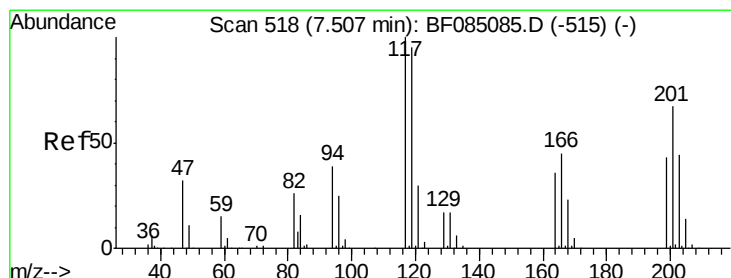
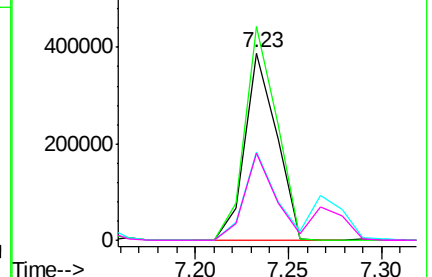
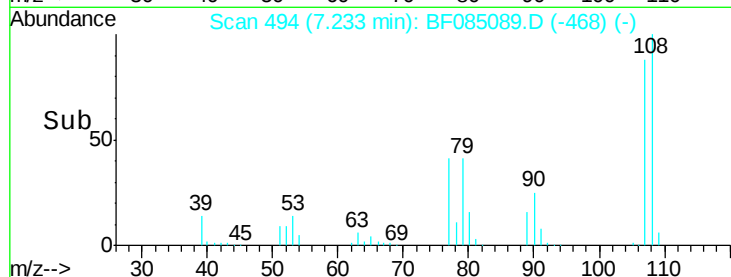


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.16 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

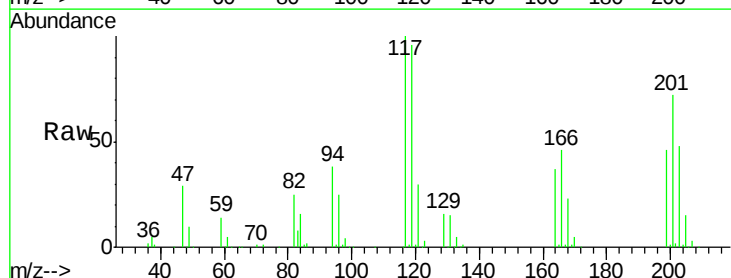
Tgt Ion:117 Resp: 225649

Ion Ratio Lower Upper

117 100

119 96.0 74.5 111.7

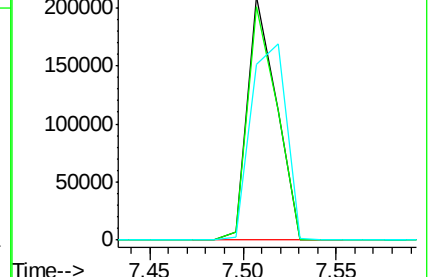
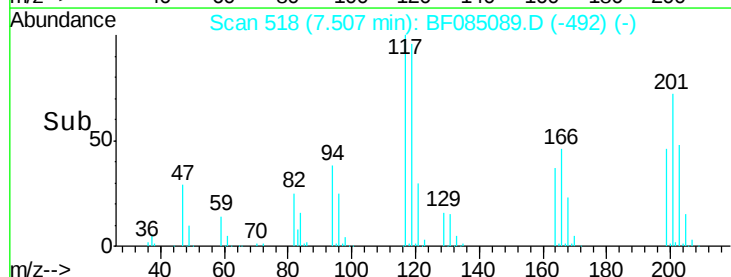
201 72.0 80.9 121.3#

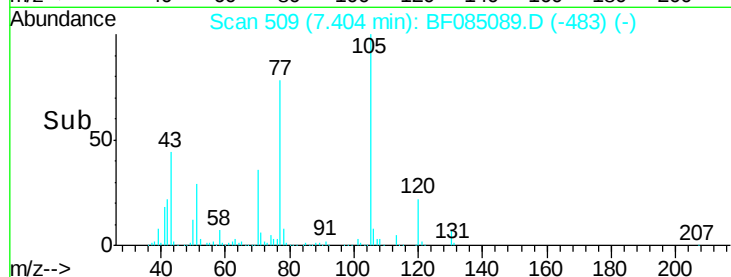
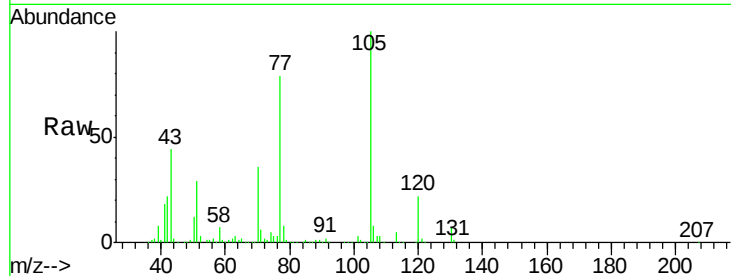
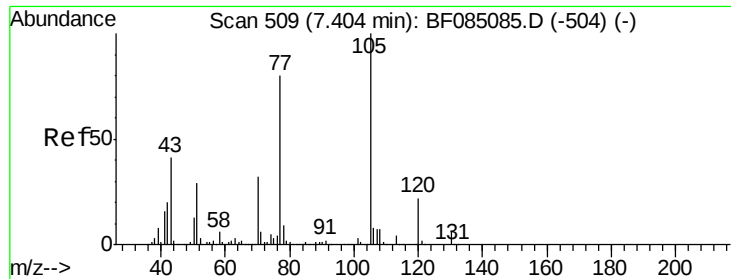


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

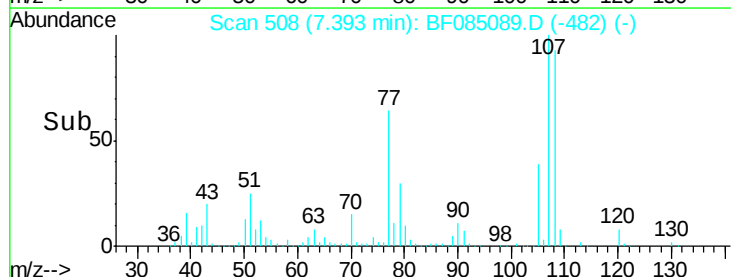
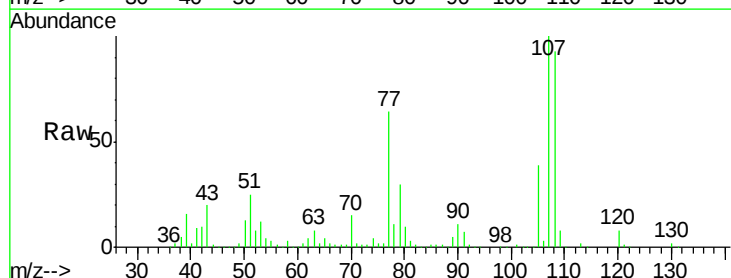
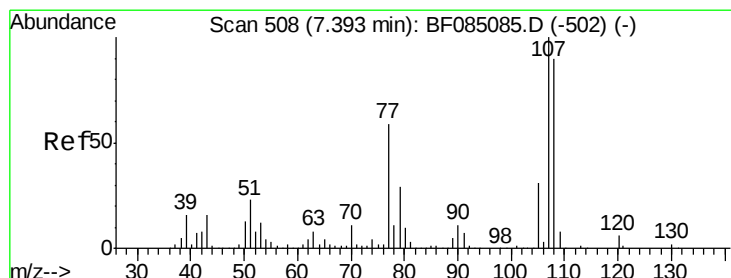
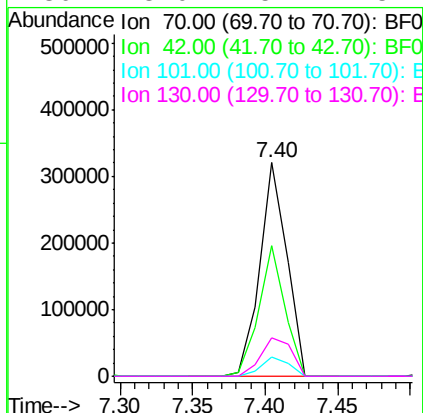




#19
n-Nitroso-di-n-propylamine
Concen: 38.52 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

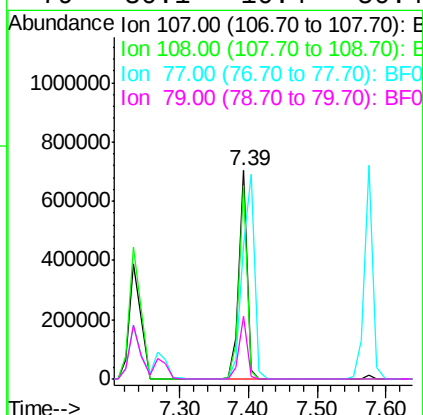
Instrument :
BNA_F
ClientSampled :

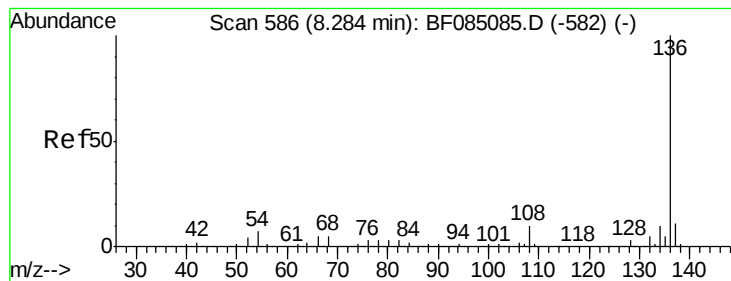
Tot Ion: 70 Resp: 412678
Ion Ratio Lower Upper
70 100
42 61.0 55.8 83.6
101 8.8 7.7 11.5
130 18.0 15.4 23.2



#20
3+4-Methylphenols
Concen: 41.61 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion:107 Resp: 602192
Ion Ratio Lower Upper
107 100
108 92.8 74.4 114.4
77 63.8 46.9 86.9
79 30.1 10.4 50.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 843271

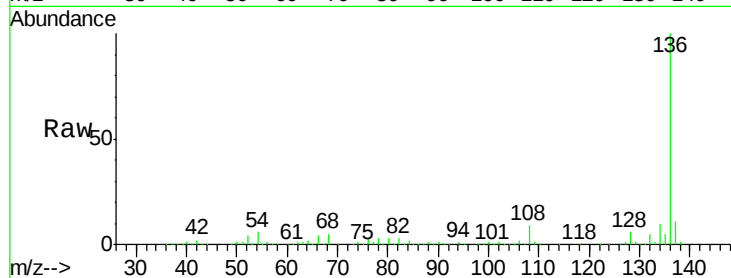
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 6.1 9.1

68 4.9 3.5 5.3

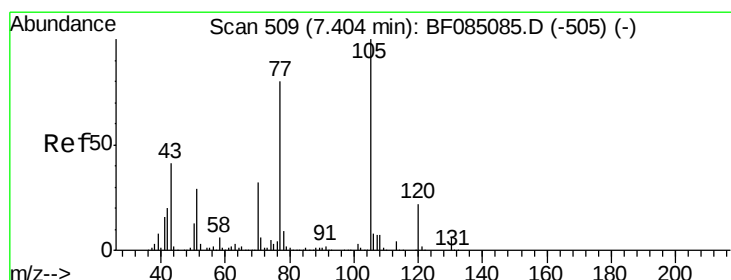
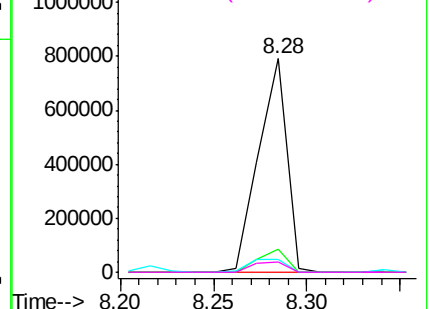
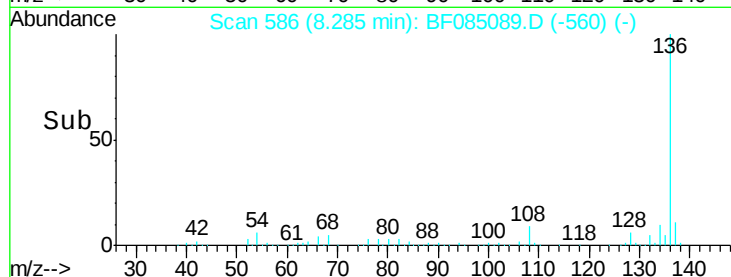


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.70 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion:105 Resp: 834092

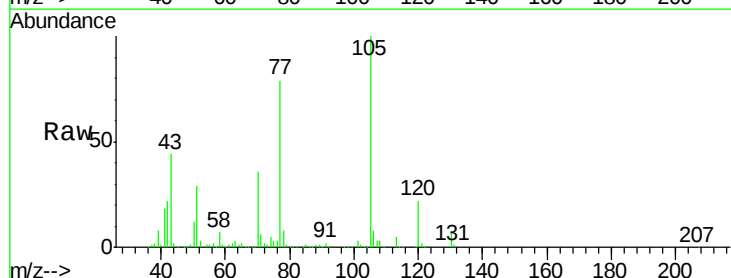
Ion Ratio Lower Upper

105 100

71 6.2 7.5 11.3#

51 28.8 23.1 34.7

120 21.9 15.9 23.9

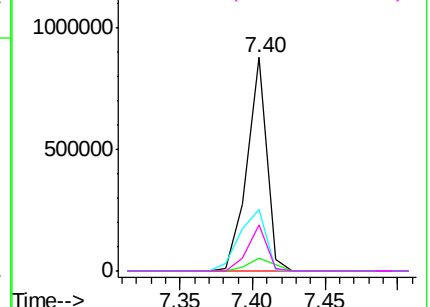
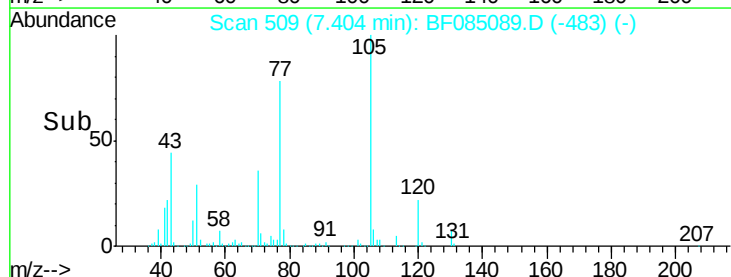


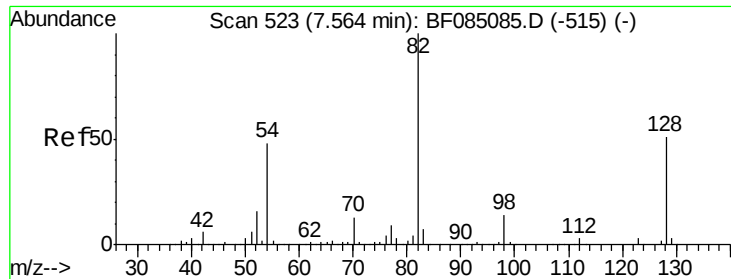
Abundance Ion 105.00 (104.70 to 105.70): E

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



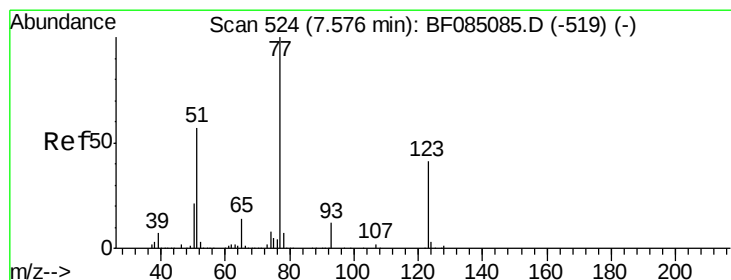
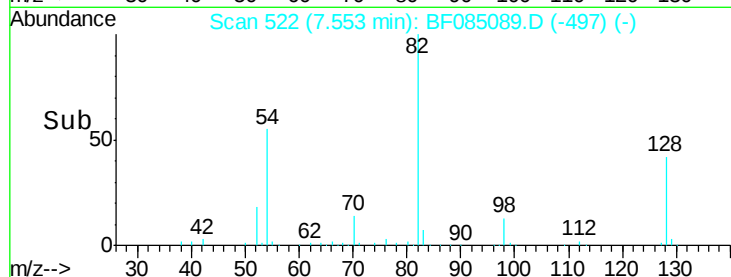
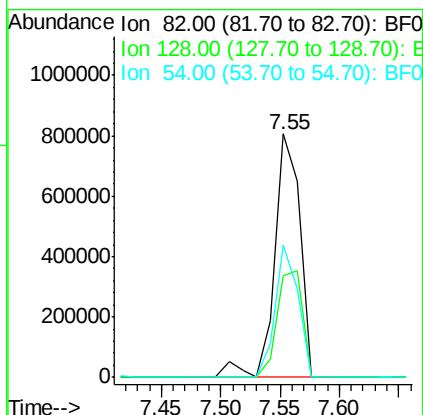
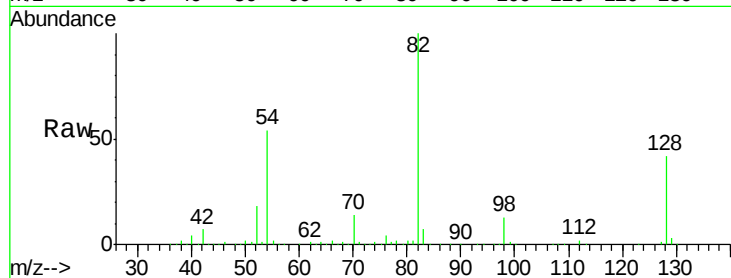


#23
 Nitrobenzene-d5
 Concen: 86.08 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1184211

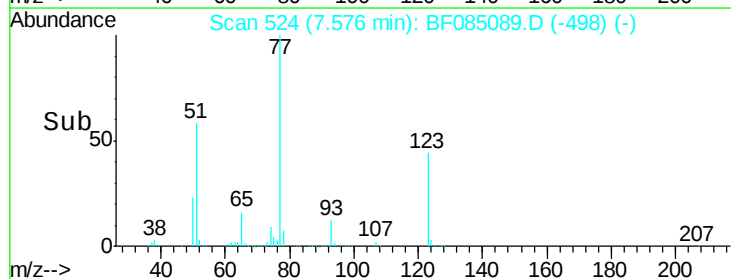
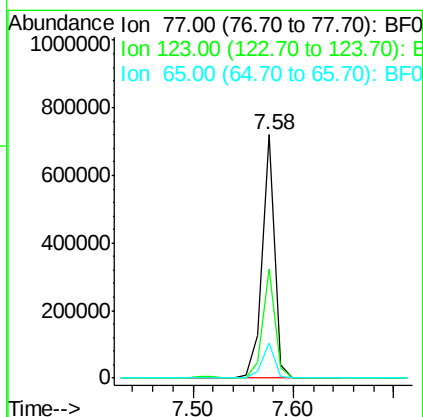
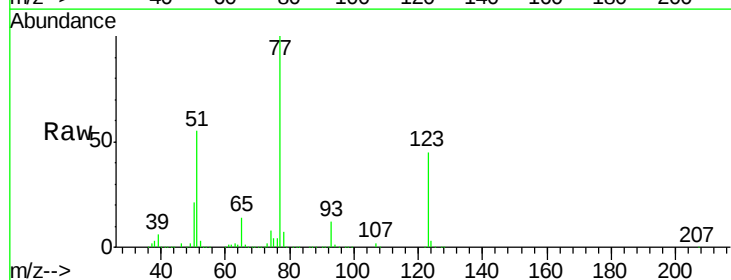
Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.8	55.2
54	54.5	44.4	66.6

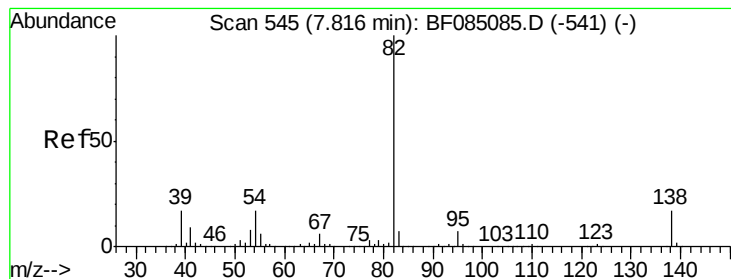


#24
 Nitrobenzene
 Concen: 43.78 ng
 RT: 7.58 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion: 77 Resp: 615993

Ion	Ratio	Lower	Upper
77	100		
123	44.9	36.5	54.7
65	14.2	10.9	16.3





#25

Isophorone

Concen: 38.77 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

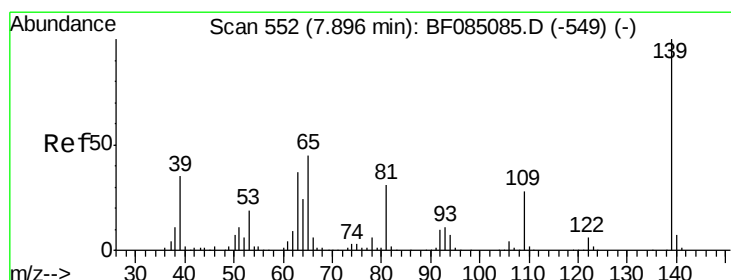
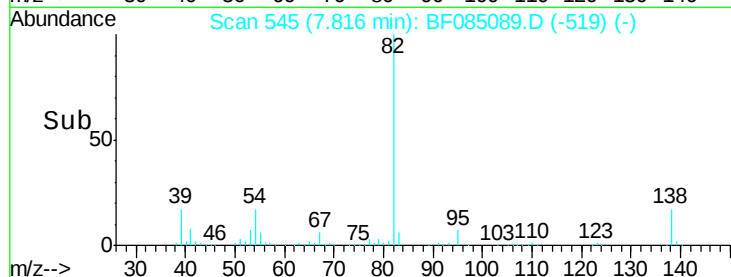
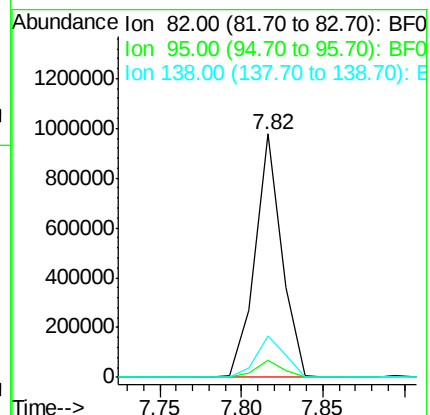
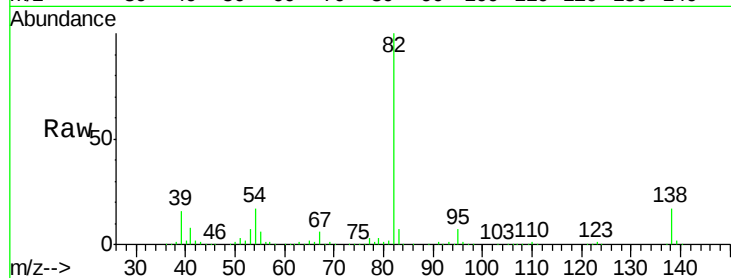
Tot Ion: 82 Resp: 1114687

Ion Ratio Lower Upper

82 100

95 7.0 6.1 9.1

138 16.8 13.1 19.7



#26

2-Nitrophenol

Concen: 46.36 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

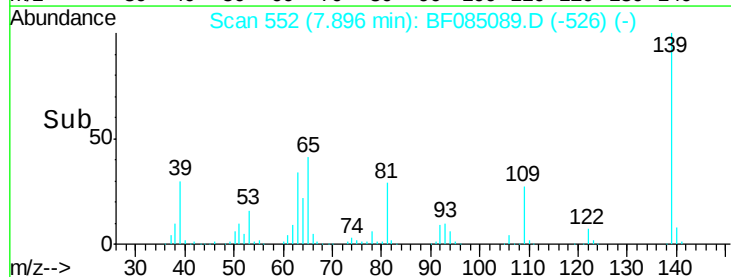
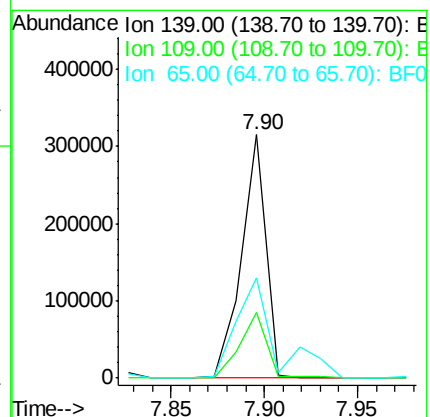
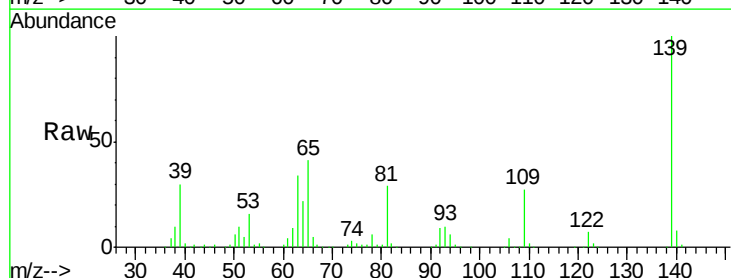
Tgt Ion: 139 Resp: 289493

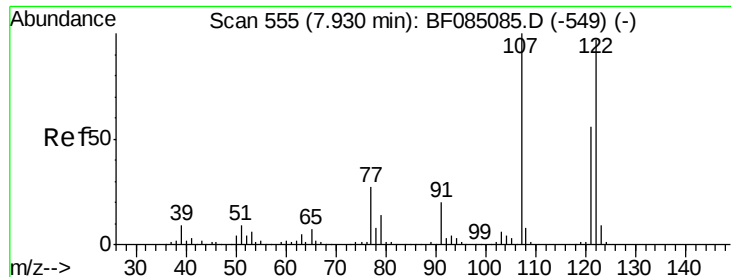
Ion Ratio Lower Upper

139 100

109 26.8 23.4 35.2

65 41.3 42.3 63.5#





#27

2,4-Dimethylphenol

Concen: 40.26 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

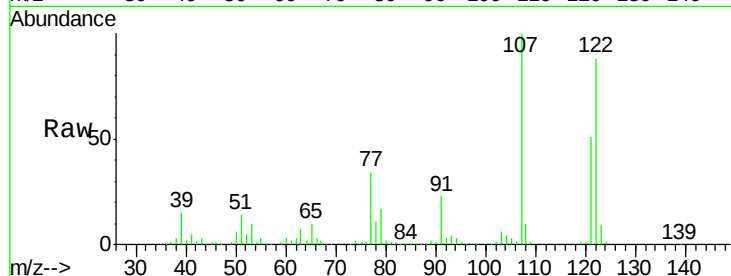
Tot Ion:122 Resp: 549952

Ion Ratio Lower Upper

122 100

107 114.2 91.8 137.8

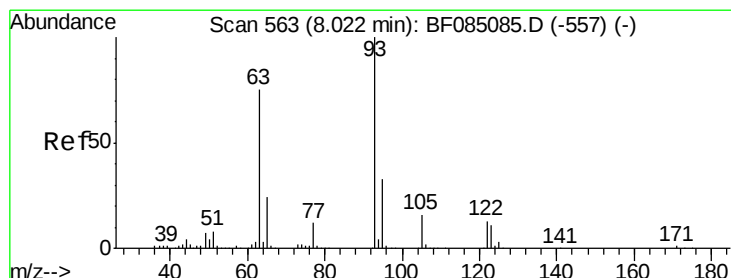
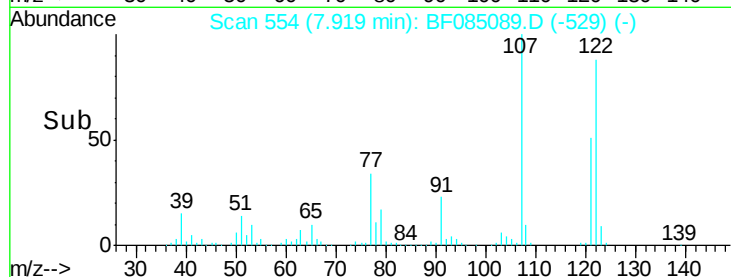
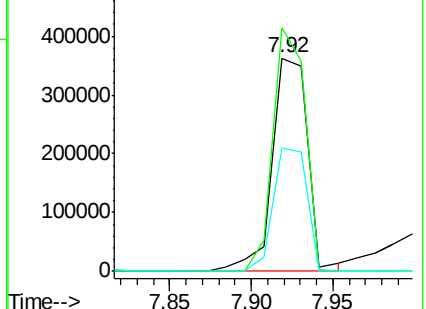
121 57.9 45.0 67.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.22 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

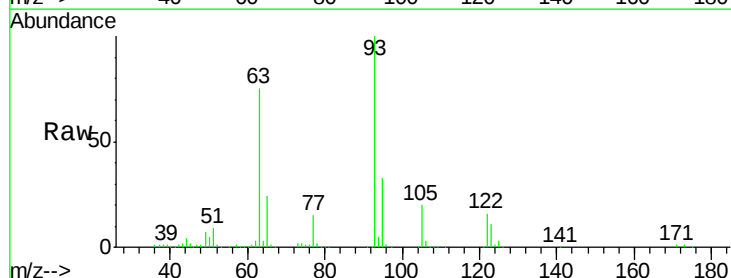
Tgt Ion: 93 Resp: 617559

Ion Ratio Lower Upper

93 100

95 33.5 25.6 38.4

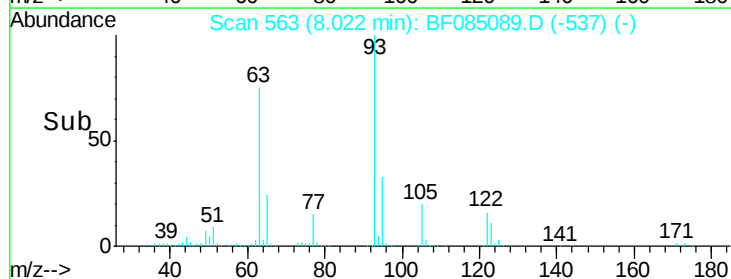
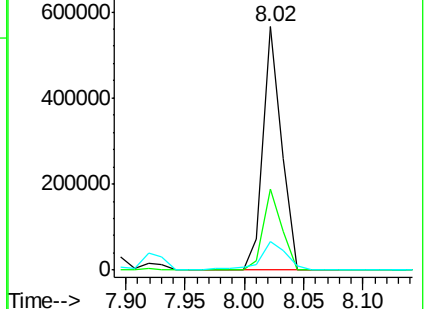
123 11.5 8.7 13.1

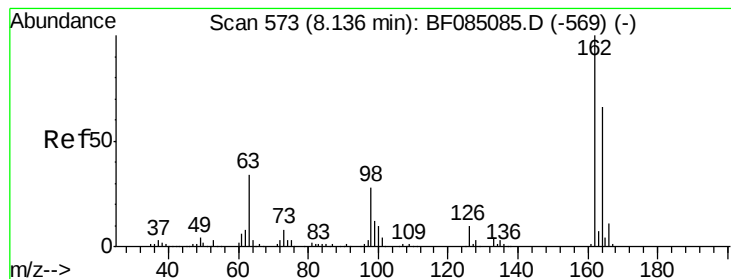


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.99 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

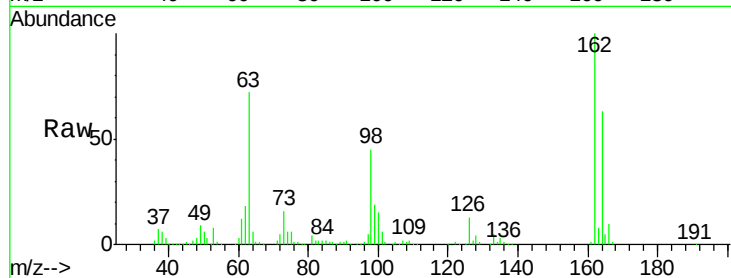
Tot Ion:162 Resp: 470704

Ion Ratio Lower Upper

162 100

164 63.0 42.8 82.8

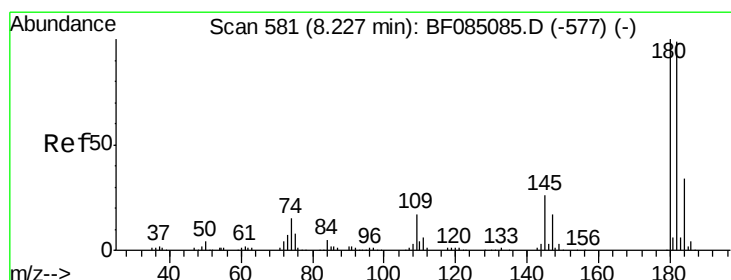
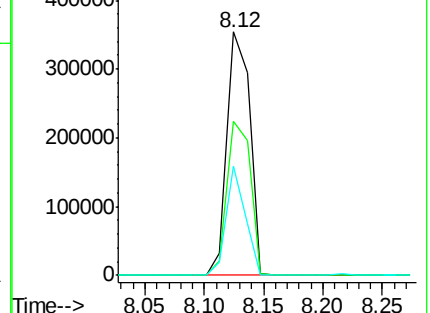
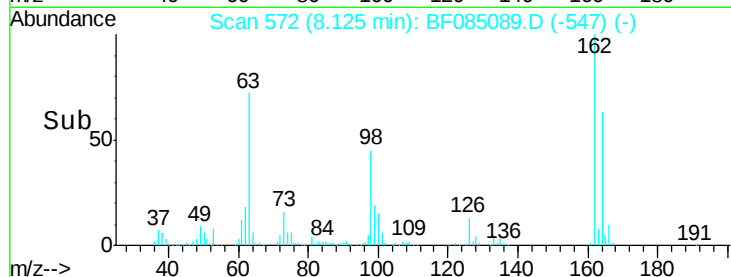
98 44.9 17.6 57.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.13 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

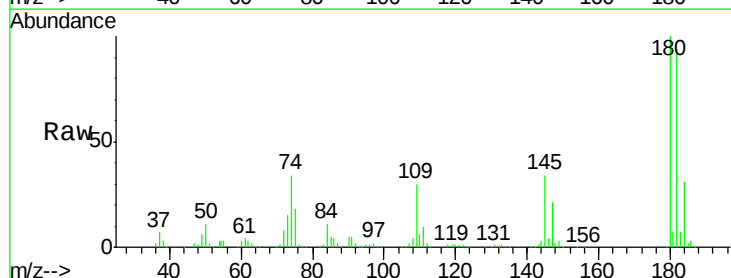
Tgt Ion:180 Resp: 511543

Ion Ratio Lower Upper

180 100

182 94.1 75.8 113.8

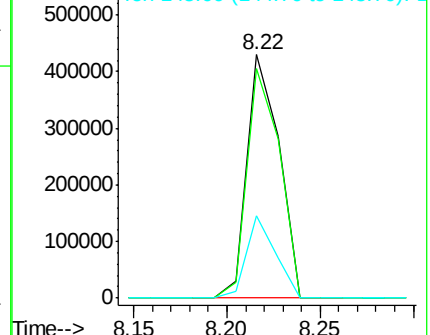
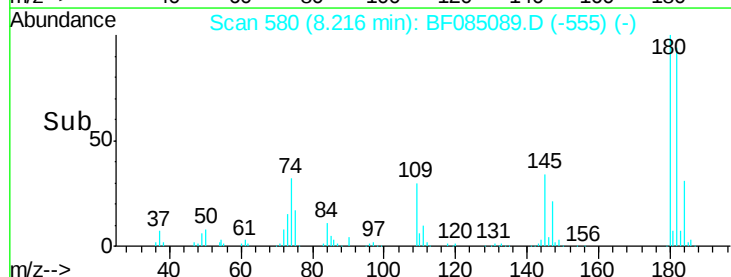
145 33.9 25.9 38.9

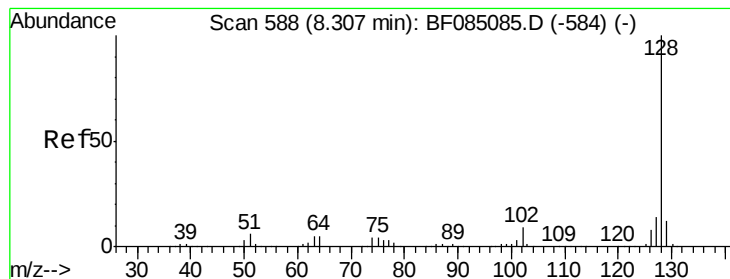


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.83 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

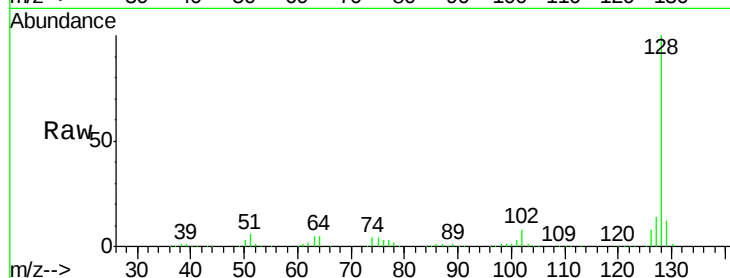
Tot Ion:128 Resp: 1654886

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

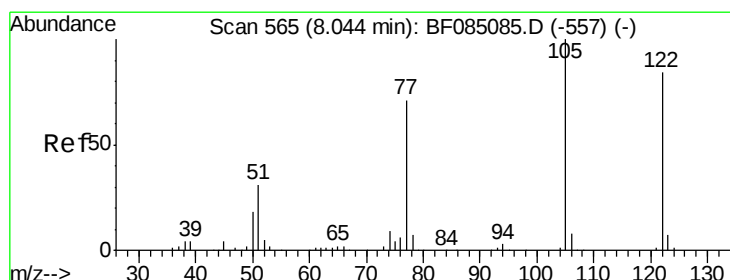
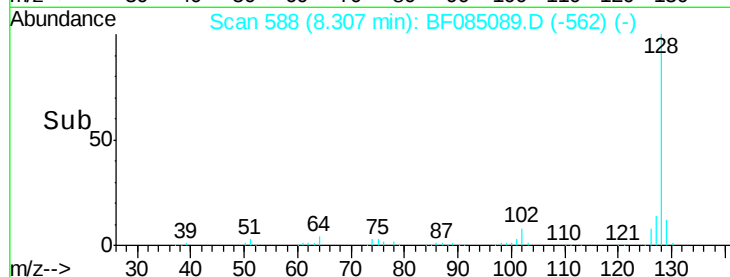
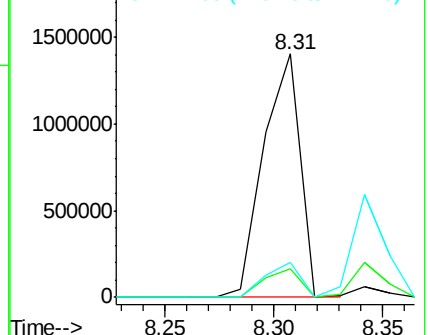
127 14.2 10.3 15.5



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: 42.79 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

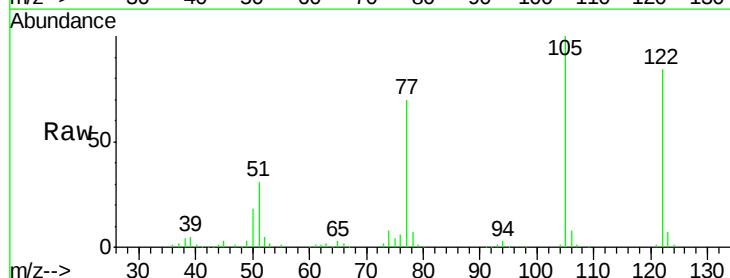
Tgt Ion:122 Resp: 429544

Ion Ratio Lower Upper

122 100

105 119.8 101.3 141.3

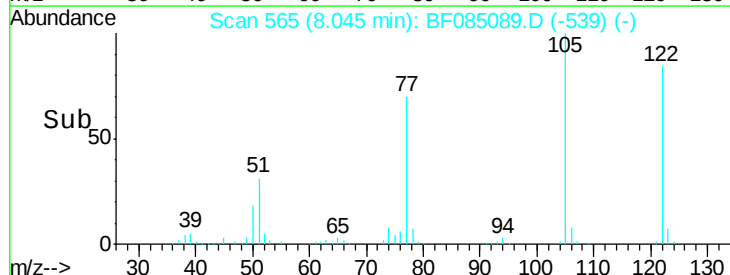
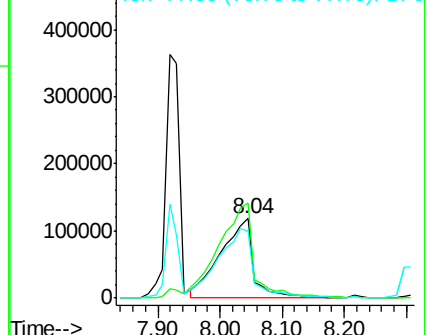
77 84.3 70.0 110.0

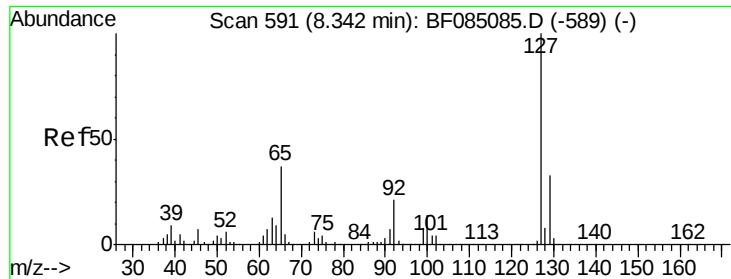


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

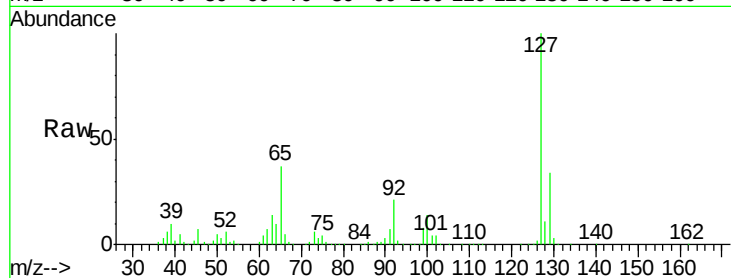




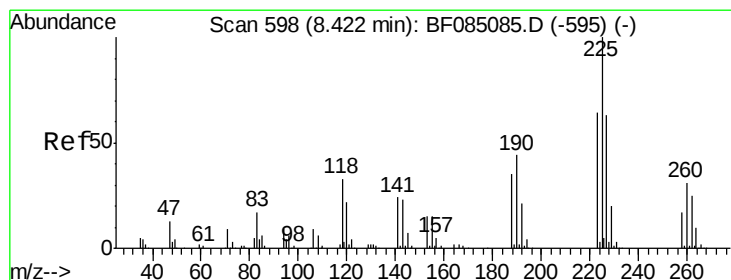
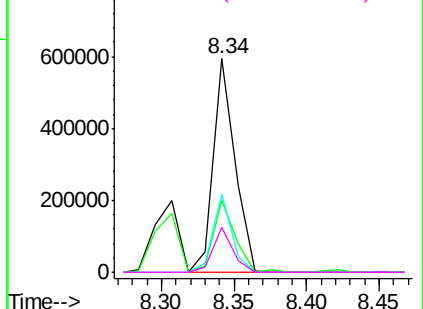
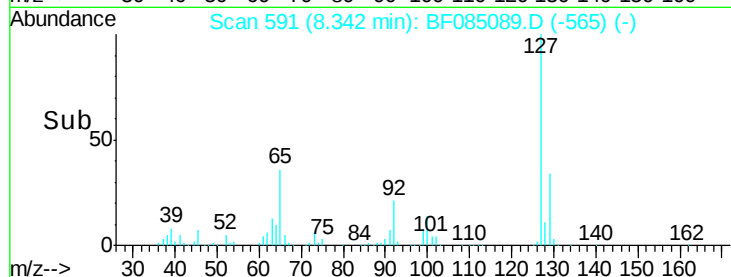
#33
4-Chloroaniline
Concen: 35.29 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	613849
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	39.8
65	36.8	24.7	37.1
92	21.2	15.1	22.7

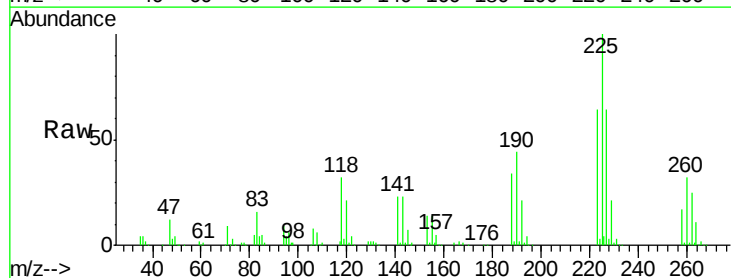


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

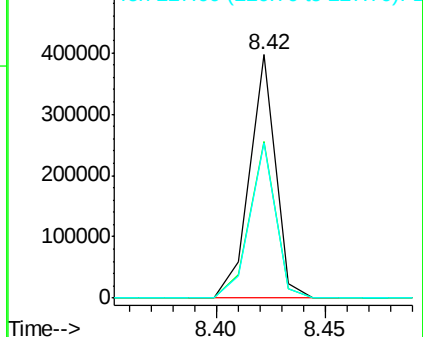
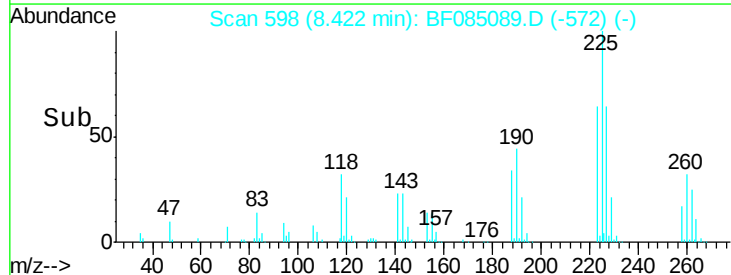


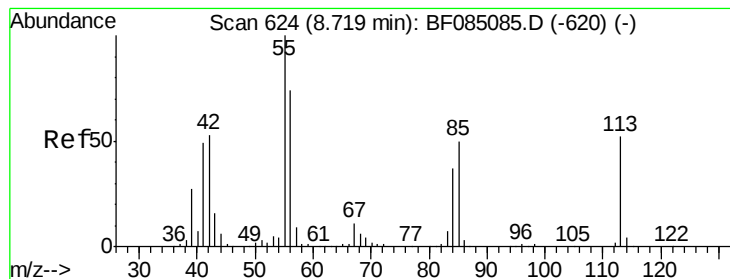
#34
Hexachlorobutadiene
Concen: 40.49 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion:	225	Resp:	328407
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.6	73.0
227	63.9	48.9	73.3



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: 42.55 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

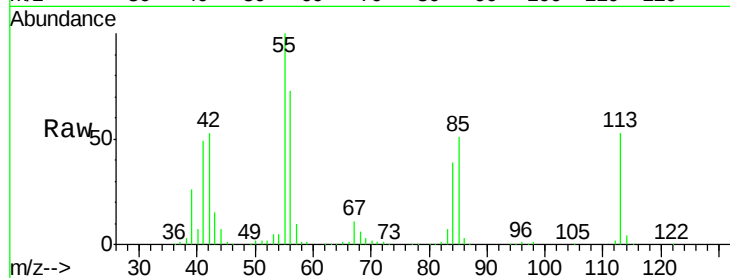
Tot Ion:113 Resp: 149719

Ion Ratio Lower Upper

113 100

55 189.7 173.1 213.1

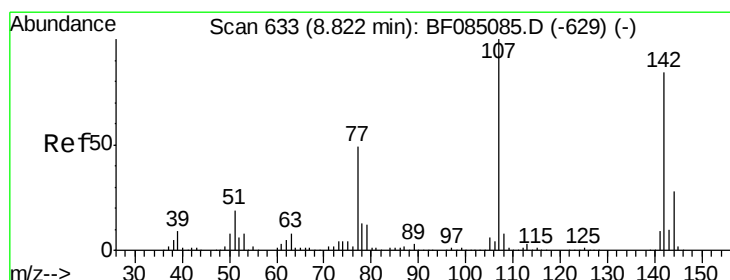
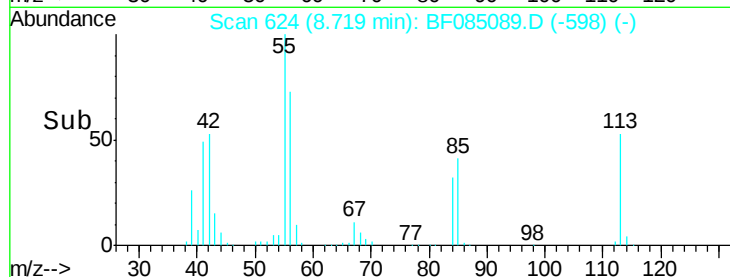
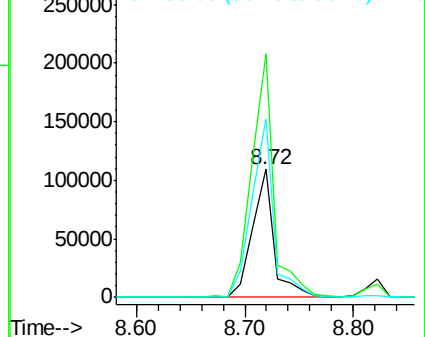
56 139.0 132.9 172.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.75 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

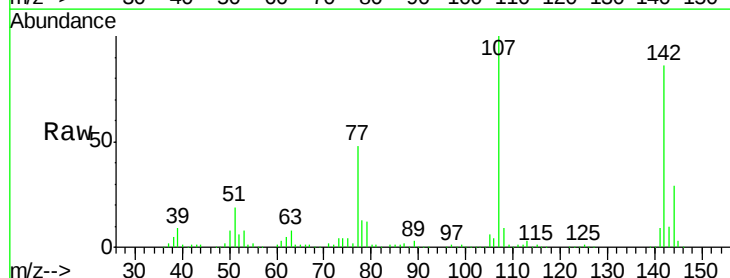
Tgt Ion:107 Resp: 543956

Ion Ratio Lower Upper

107 100

144 28.5 19.2 28.8

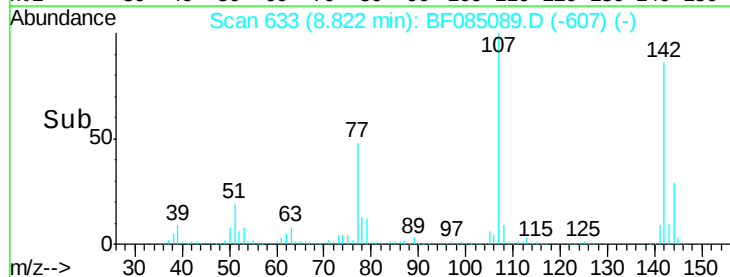
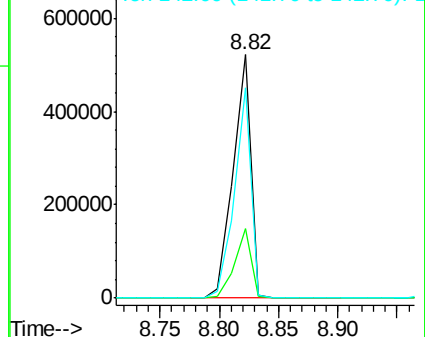
142 86.4 60.6 91.0

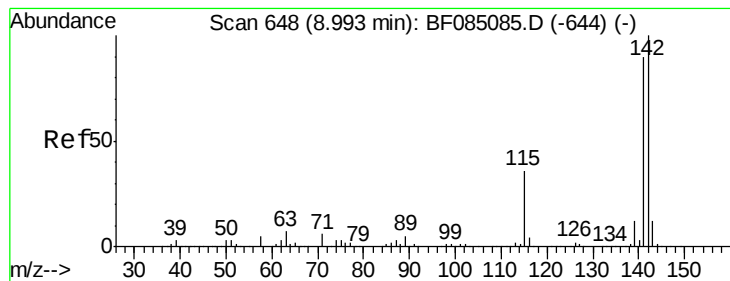


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.70 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

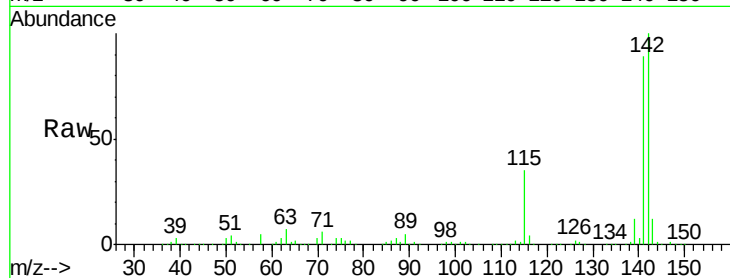
Tot Ion:142 Resp: 1072454

Ion Ratio Lower Upper

142 100

141 89.3 69.6 104.4

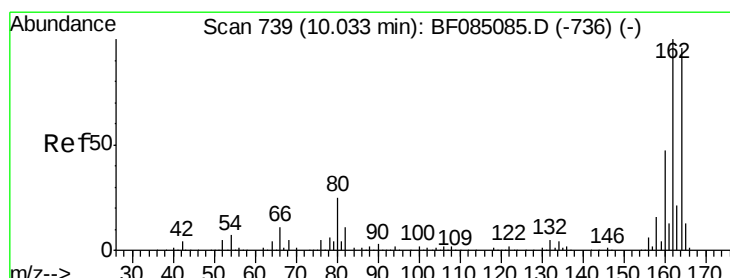
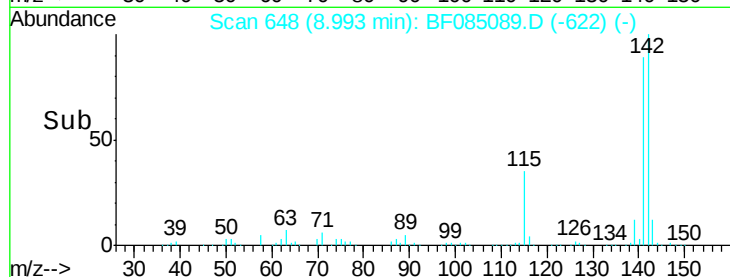
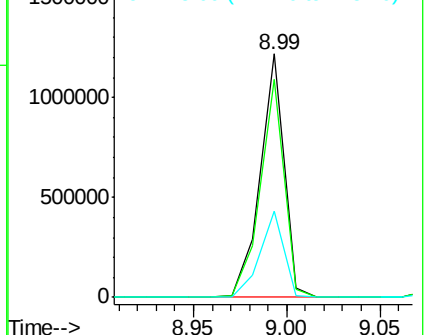
115 35.5 27.9 41.9



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: 10.03 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

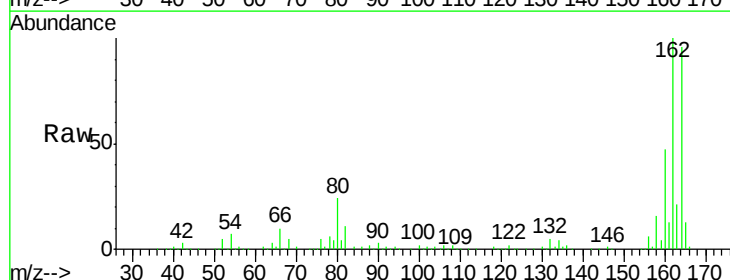
Tgt Ion:164 Resp: 392347

Ion Ratio Lower Upper

164 100

162 104.4 81.1 121.7

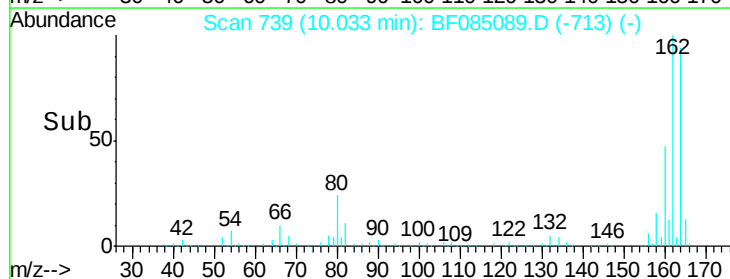
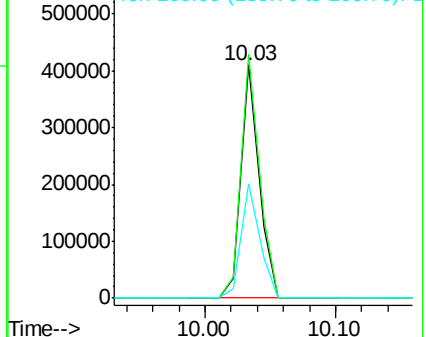
160 48.8 37.4 56.0

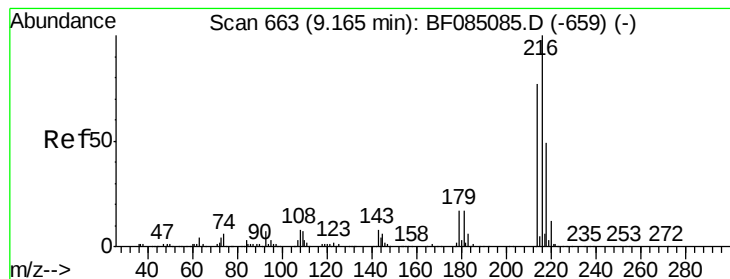


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.07 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 534947

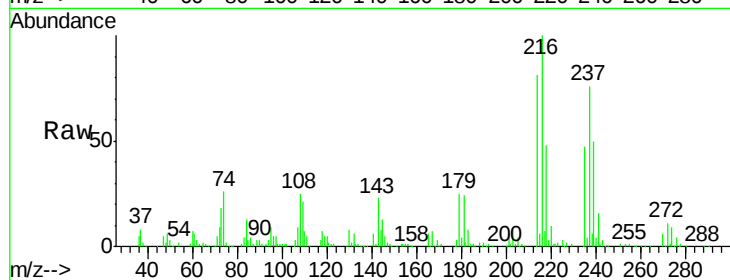
Ion Ratio Lower Upper

216 100

214 79.5 62.2 93.2

179 20.9 18.1 27.1

108 18.8 15.7 23.5

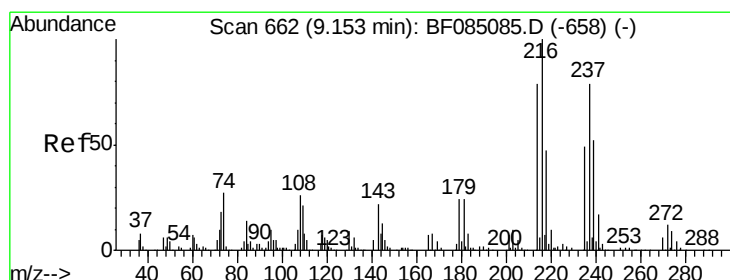
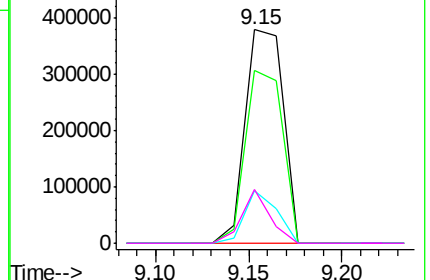
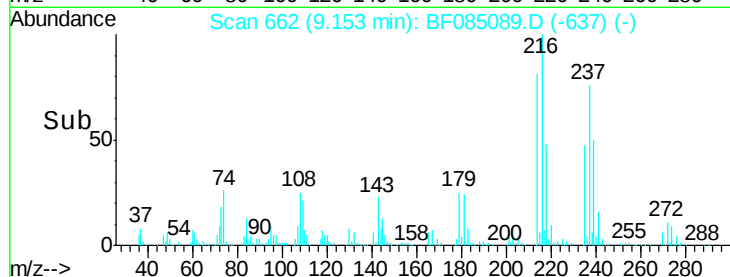


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.08 ng

RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

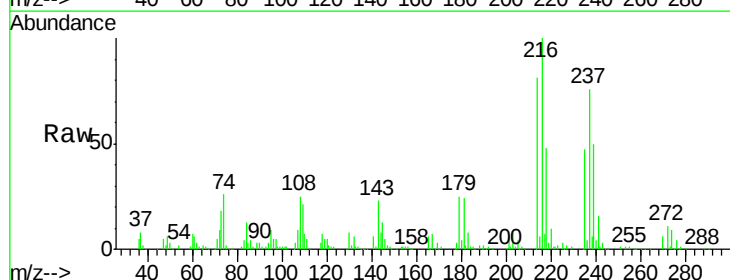
Tgt Ion:237 Resp: 315577

Ion Ratio Lower Upper

237 100

235 62.4 44.8 84.8

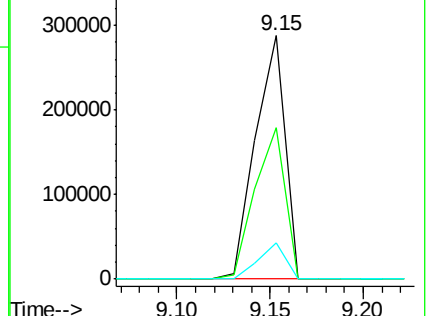
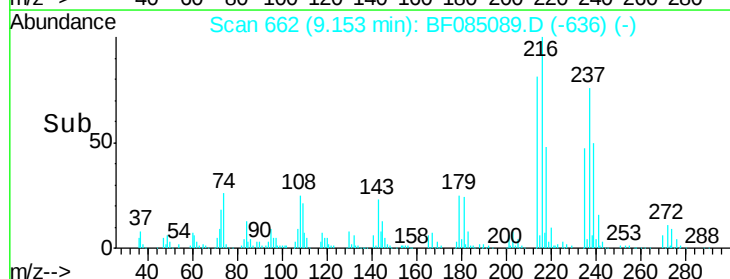
272 14.7 0.0 31.8

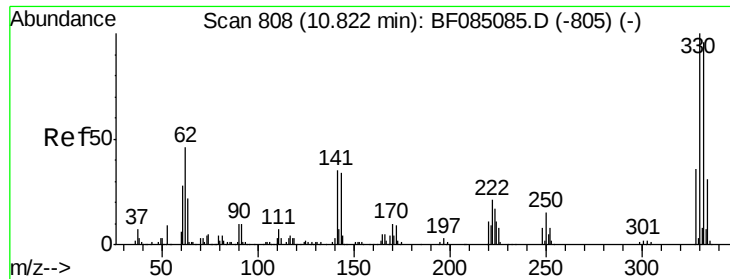


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

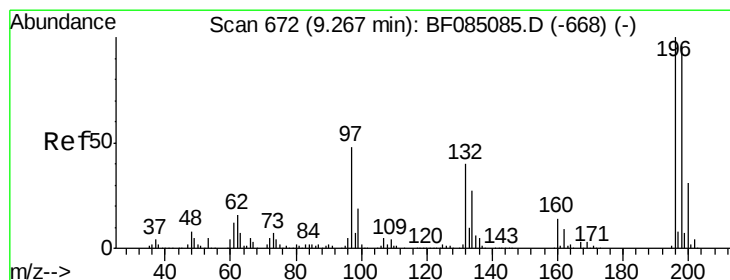
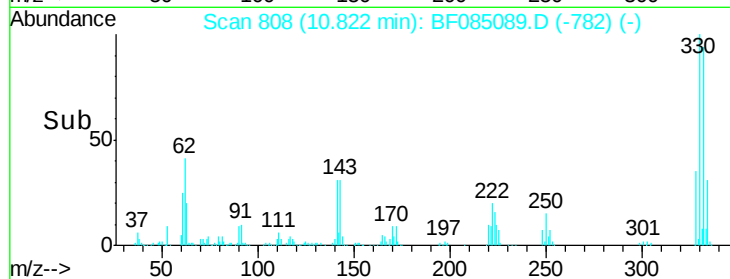
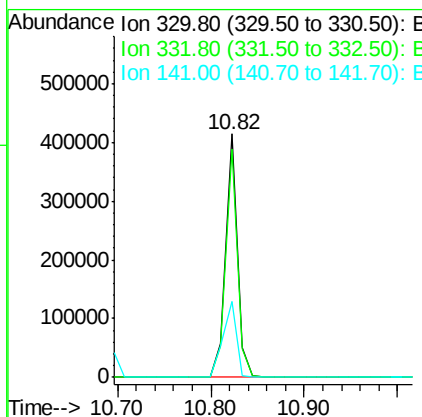
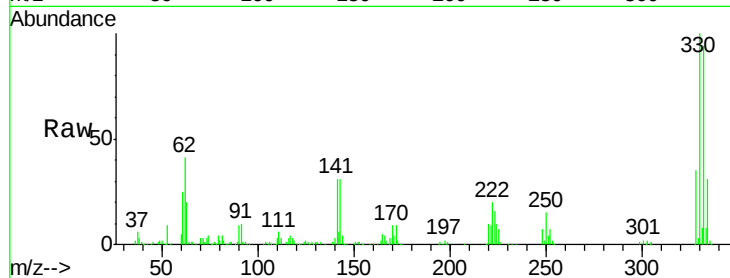




#41
 2,4,6-Tribromophenol
 Concen: 87.24 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

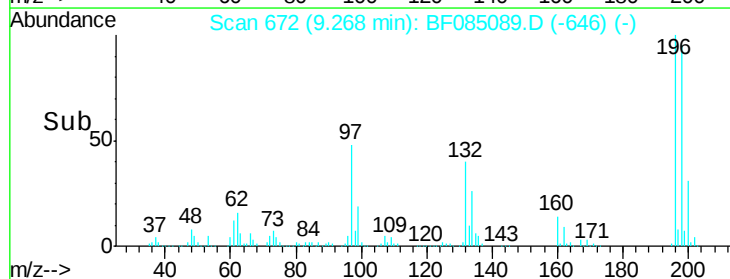
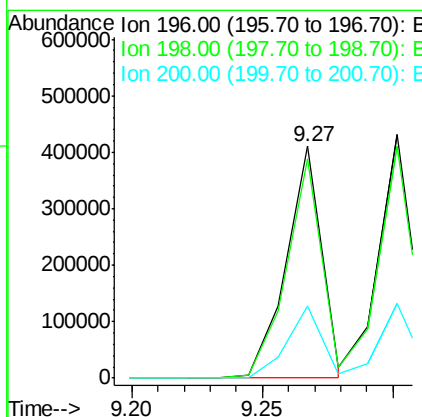
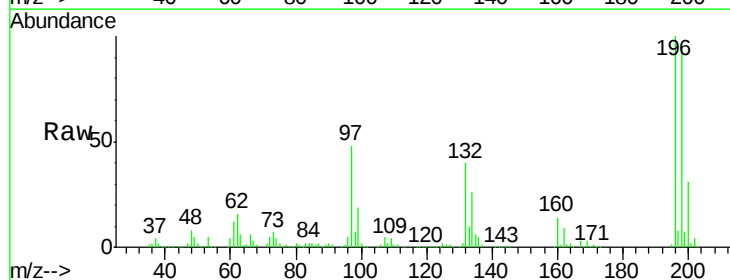
Instrument :
 BNA_F
 ClientSampled :

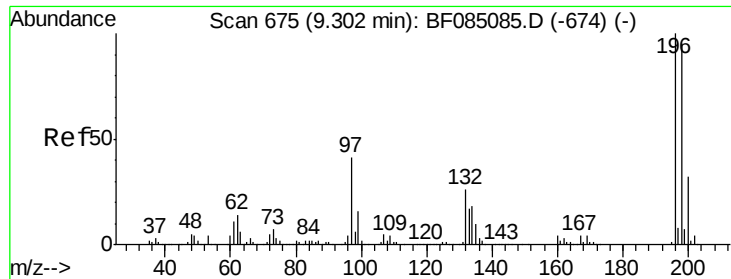
Tot Ion	330	Resp	363390
Ion Ratio	100	Lower	Upper
330	100		
332	93.6	78.5	117.7
141	35.8	28.6	42.8



#42
 2,4,6-Trichlorophenol
 Concen: 45.30 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion	196	Resp	384162
Ion Ratio	100	Lower	Upper
196	100		
198	94.7	81.0	121.6
200	31.3	26.3	39.5

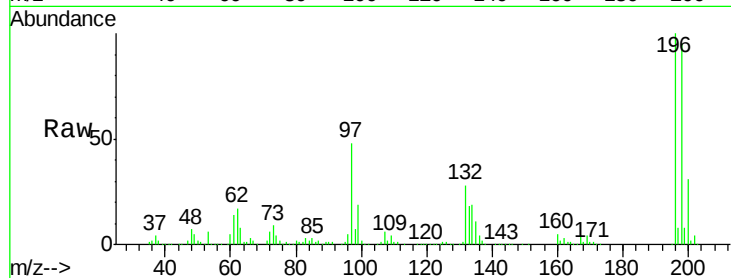




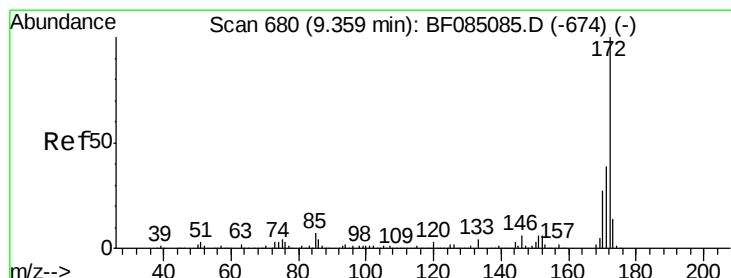
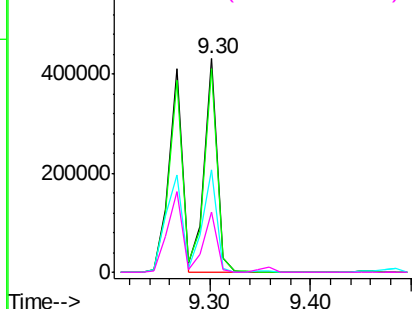
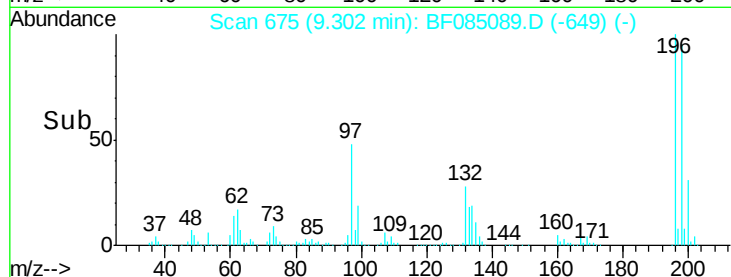
#43
 2,4,5-Trichlorophenol
 Concen: 45.79 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	79.7	119.5
97	47.9	47.0	70.4
132	28.1	26.4	39.6

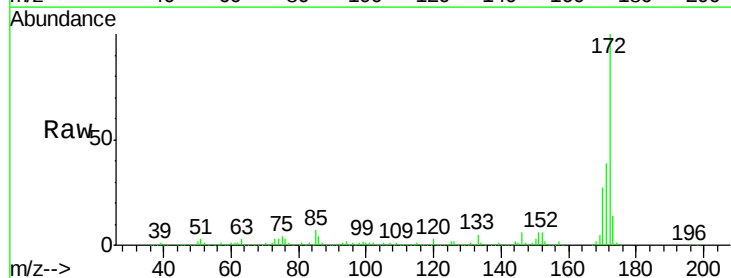


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

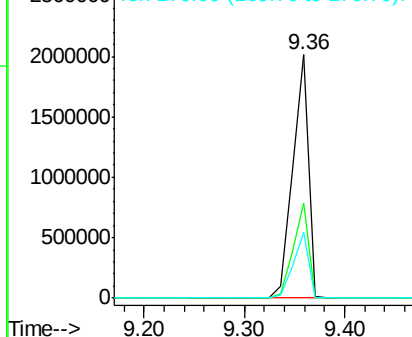
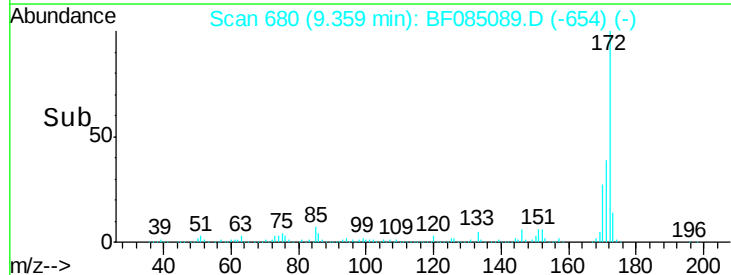


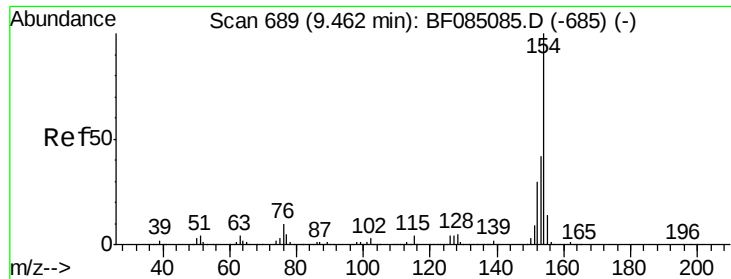
#44
 2-Fluorobiphenyl
 Concen: 81.85 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.1	43.7
170	27.0	19.6	29.4



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

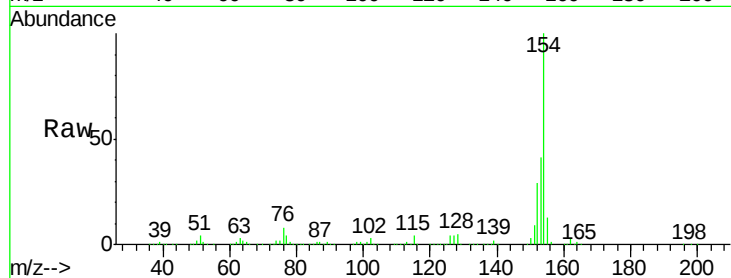




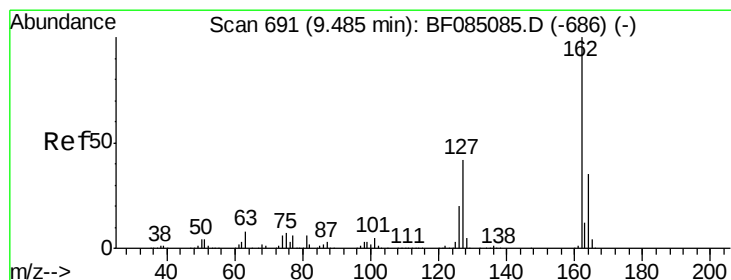
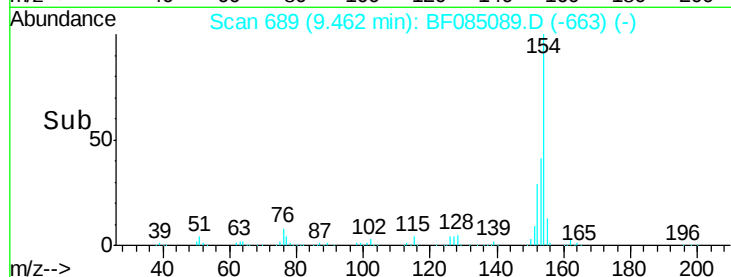
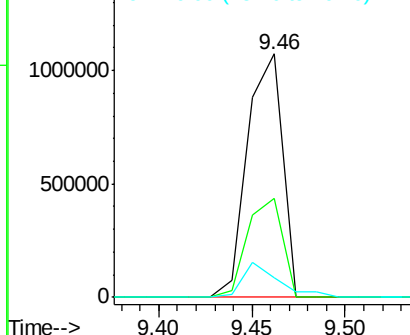
#45
 1,1'-Biphenyl
 Concen: 41.45 ng
 RT: 9.46 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1391228
 Ion Ratio Lower Upper
 154 100
 153 40.8 19.9 59.9
 76 8.2 0.0 31.6

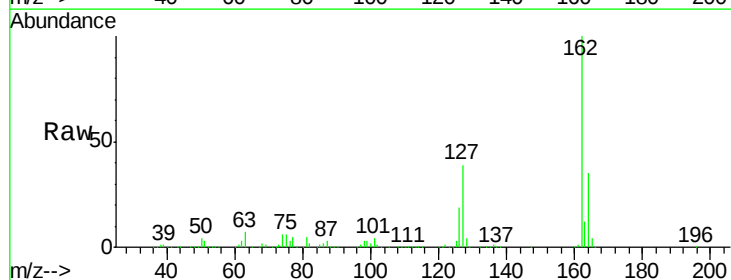


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

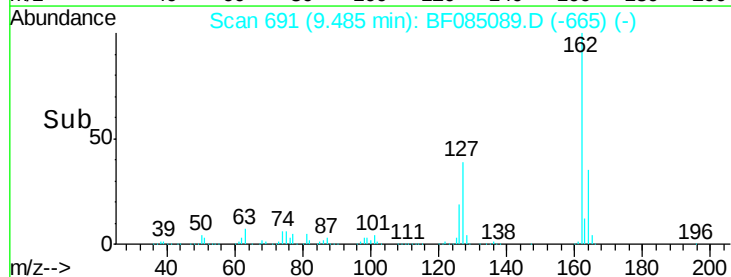
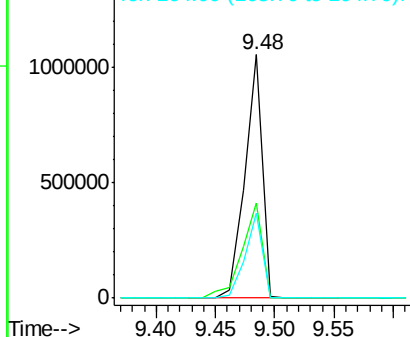


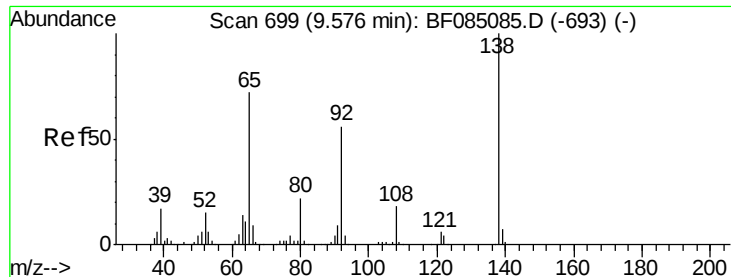
#46
 2-Chloronaphthalene
 Concen: 43.60 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion:162 Resp: 1076657
 Ion Ratio Lower Upper
 162 100
 127 38.9 34.8 52.2
 164 34.8 25.8 38.6



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

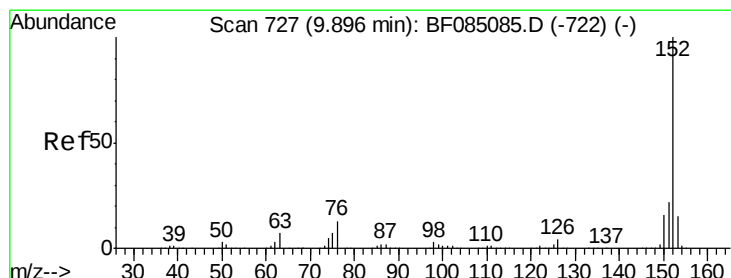
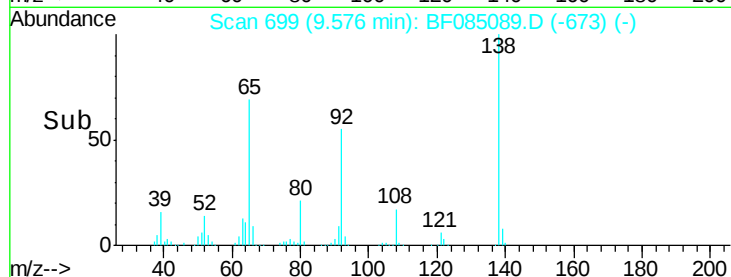
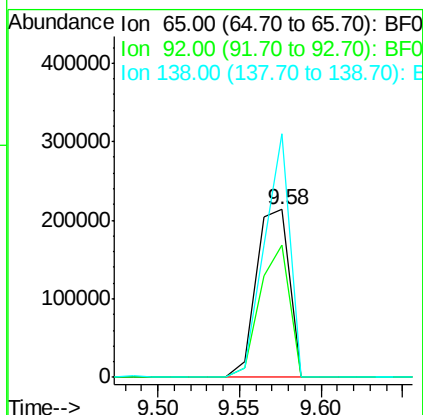
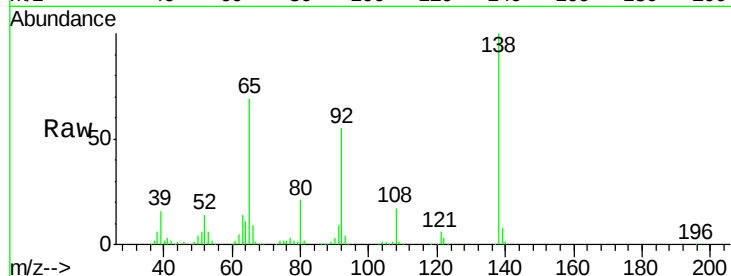




#47
2-Nitroaniline
Concen: 40.10 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

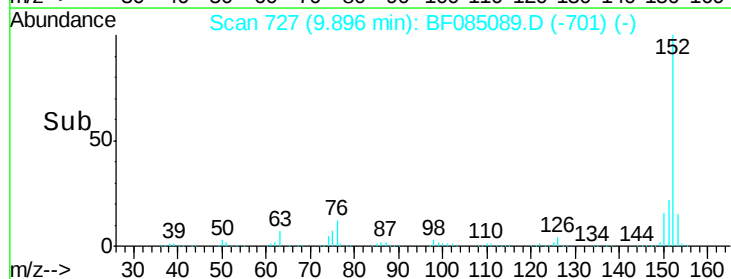
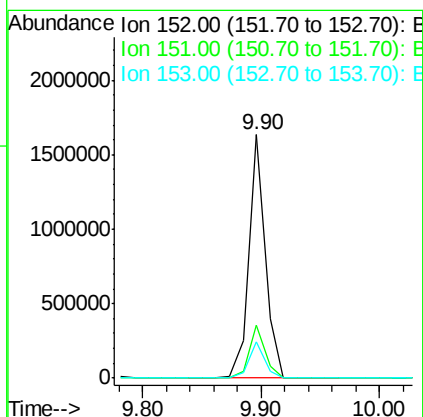
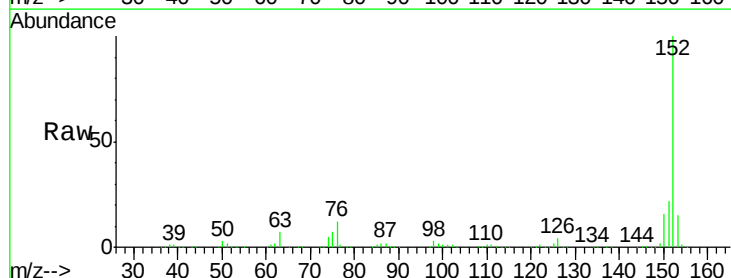
Instrument :
BNA_F
ClientSampleId :

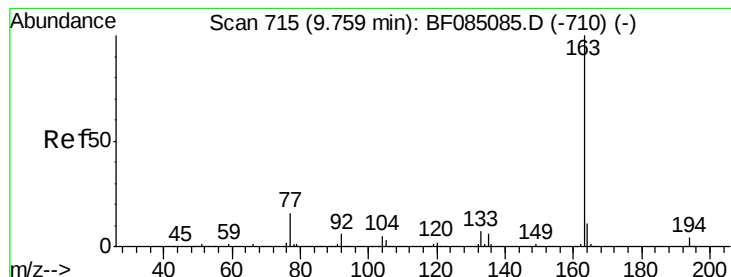
Tot Ion: 65 Resp: 301161
Ion Ratio Lower Upper
65 100
92 79.3 57.1 85.7
138 145.3 86.8 130.2#



#48
Acenaphthylene
Concen: 39.47 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion: 152 Resp: 1575581
Ion Ratio Lower Upper
152 100
151 21.9 16.0 24.0
153 14.8 11.1 16.7





#49

Dimethylphthalate

Concen: 44.82 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

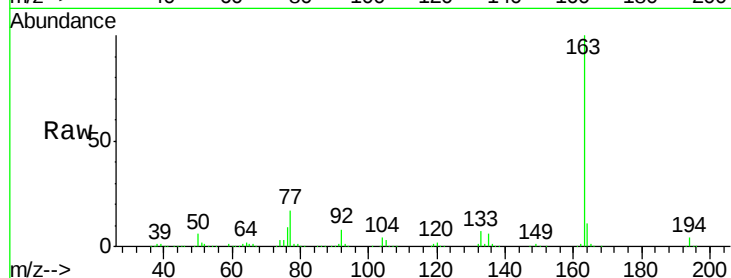
Tot Ion:163 Resp: 1290793

Ion Ratio Lower Upper

163 100

194 4.0 2.5 3.7#

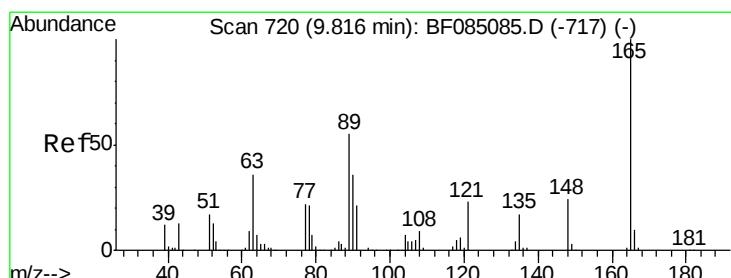
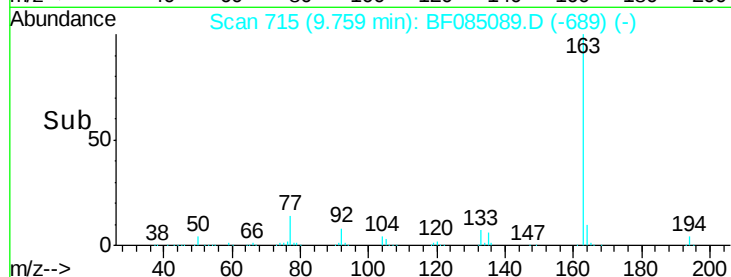
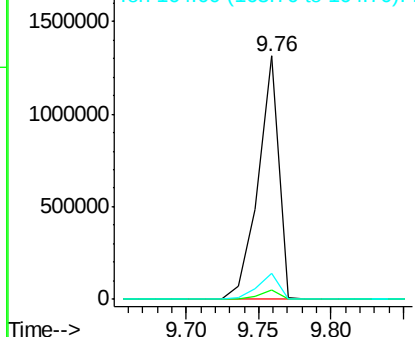
164 10.8 7.8 11.8



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: 46.96 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

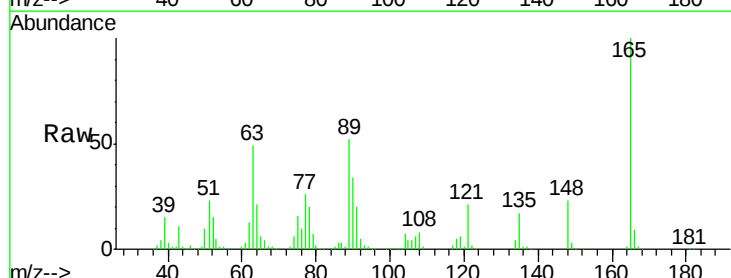
Tgt Ion:165 Resp: 284746

Ion Ratio Lower Upper

165 100

63 49.0 47.5 71.3

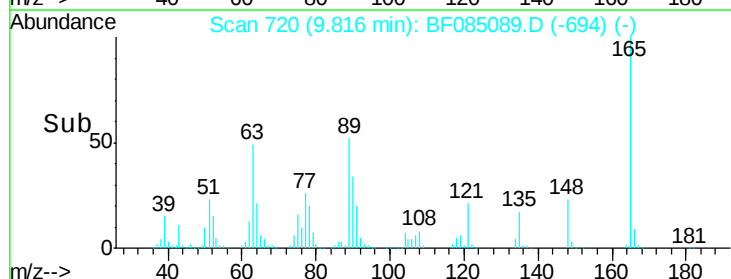
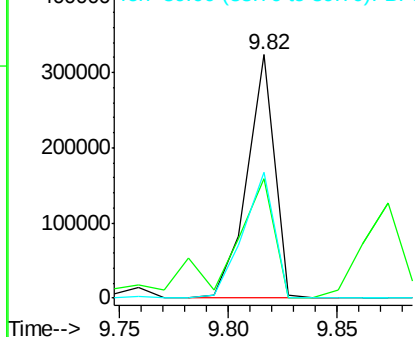
89 51.8 42.9 64.3

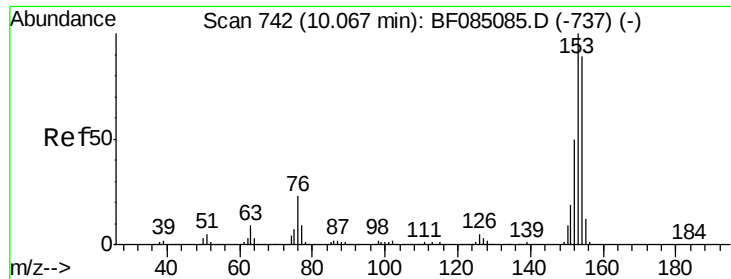


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.78 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

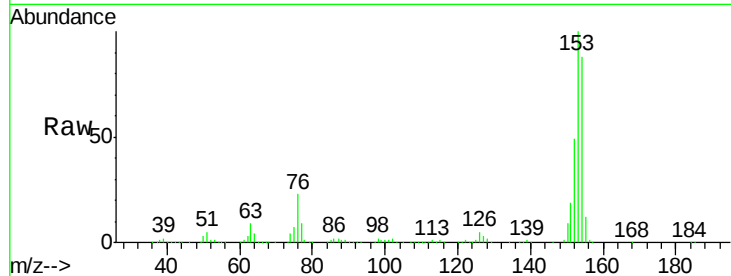
Tot Ion:154 Resp: 978803

Ion Ratio Lower Upper

154 100

153 113.0 89.5 134.3

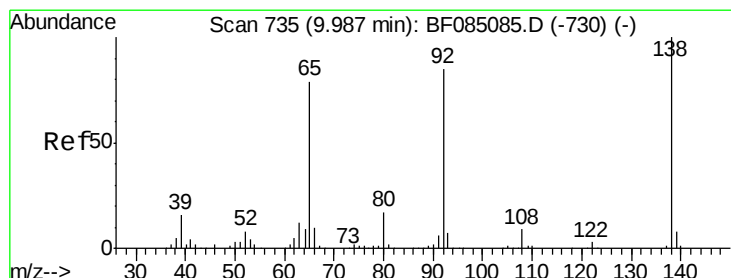
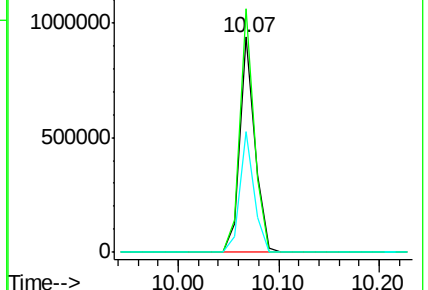
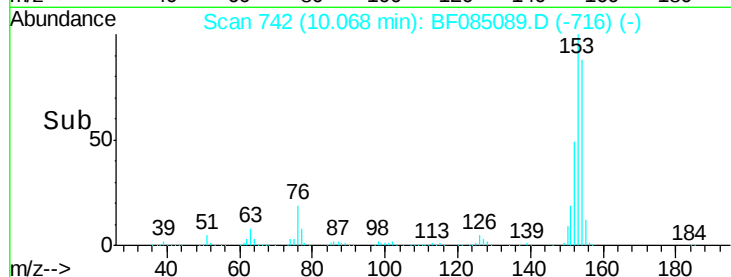
152 55.8 40.7 61.1



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: 43.05 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

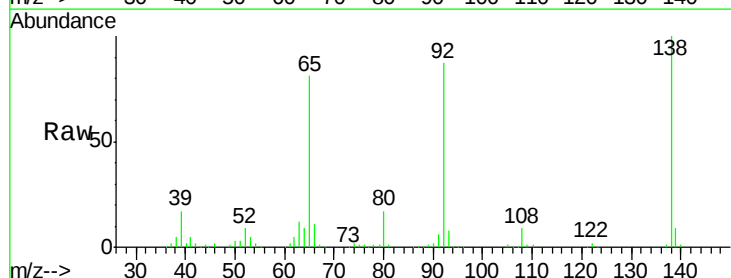
Tgt Ion:138 Resp: 295731

Ion Ratio Lower Upper

138 100

108 9.1 9.1 13.7

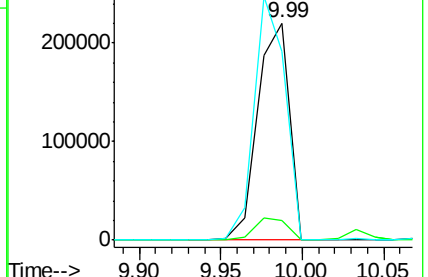
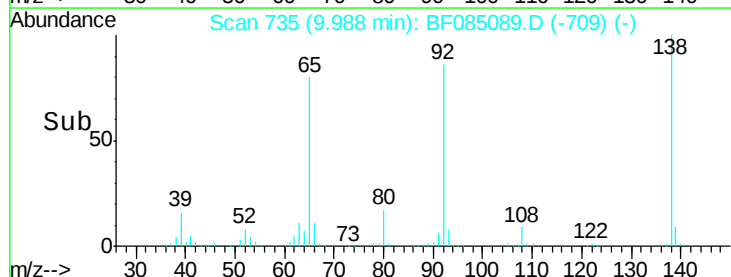
92 87.0 88.9 133.3#

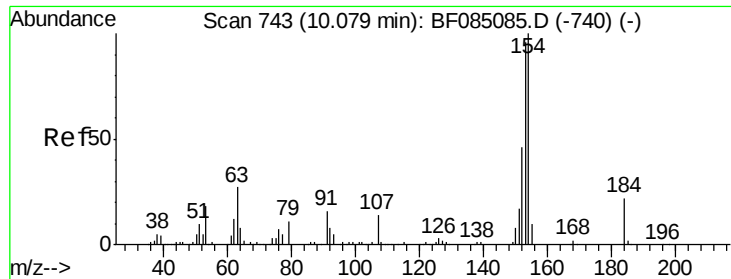


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

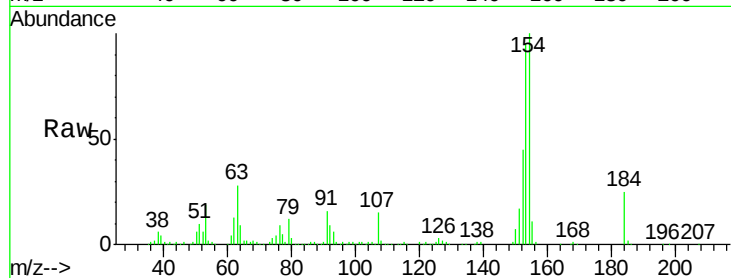




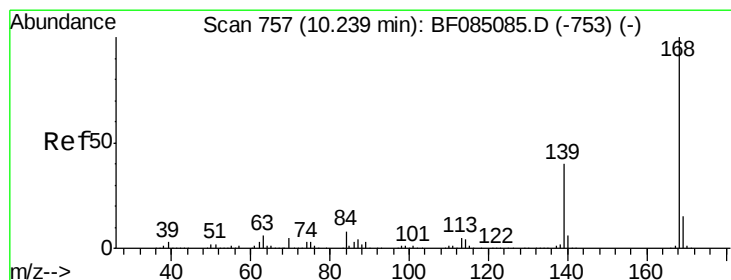
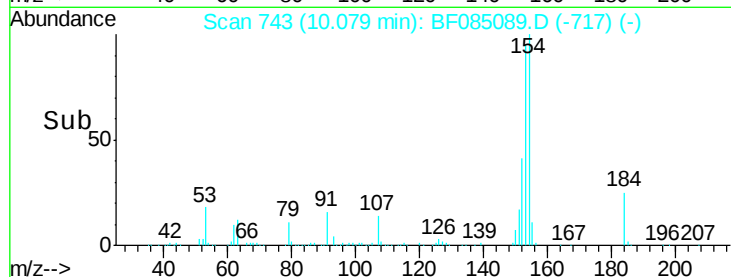
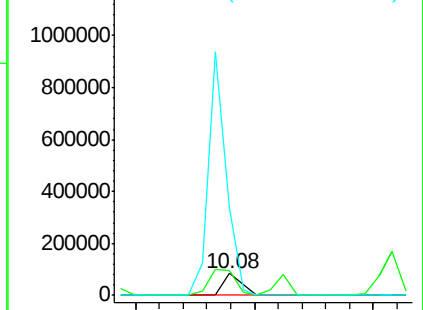
#53
2,4-Dinitrophenol
Concen: 44.11 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 89949
Ion Ratio Lower Upper
184 100
63 112.6 60.6 90.8#
154 405.0 70.2 105.2#

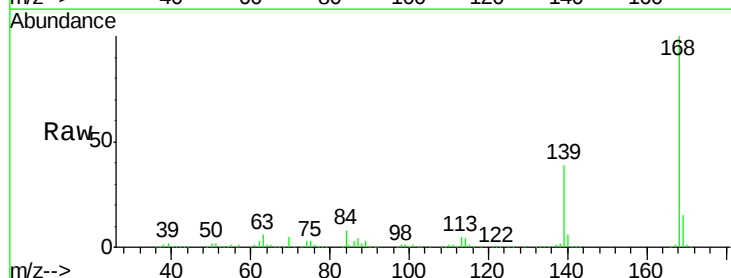


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

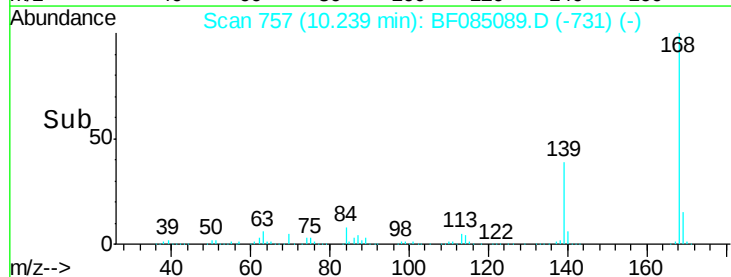
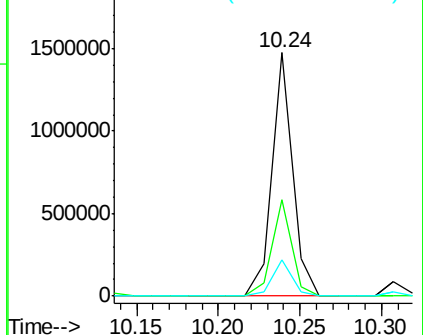


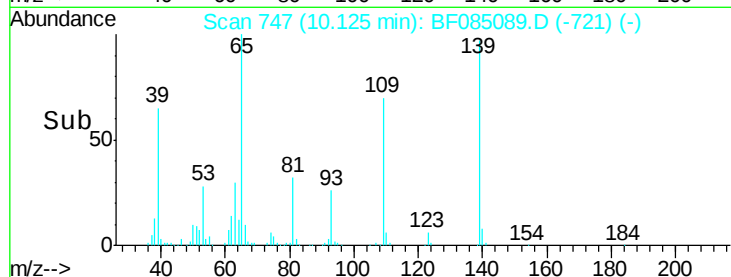
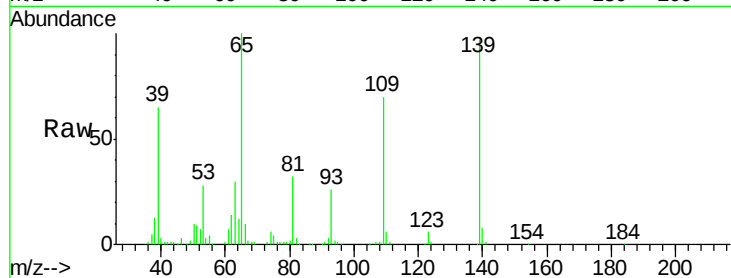
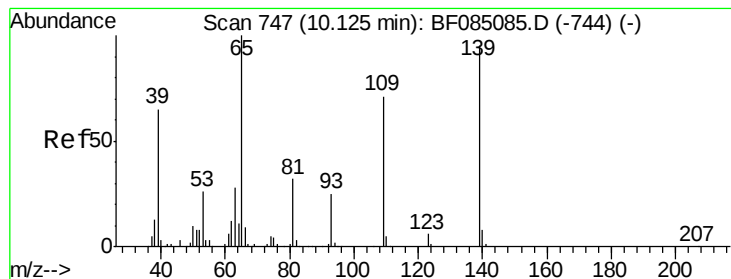
#54
Dibenzofuran
Concen: 39.78 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion:168 Resp: 1307470
Ion Ratio Lower Upper
168 100
139 39.5 33.0 49.4
169 14.8 10.9 16.3



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





#55

4-Nitrophenol

Concen: 41.85 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampled :

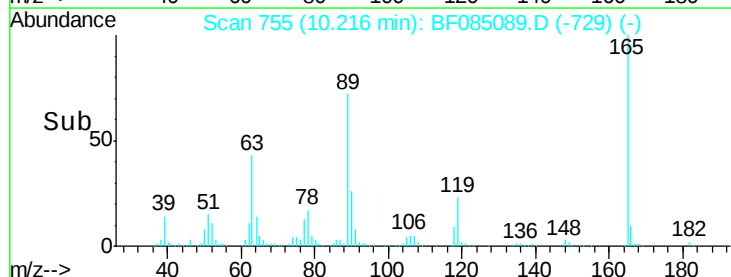
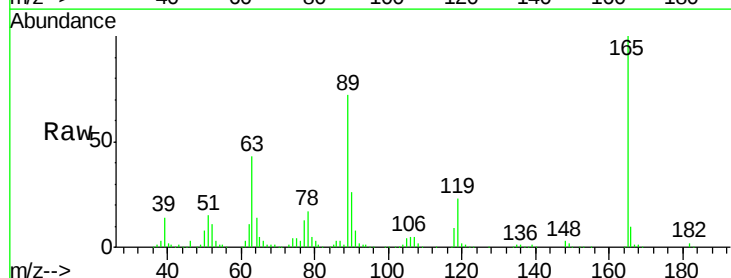
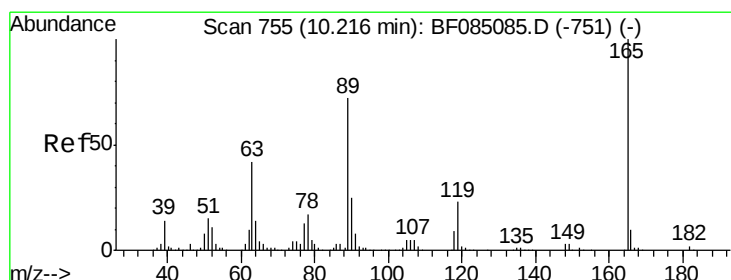
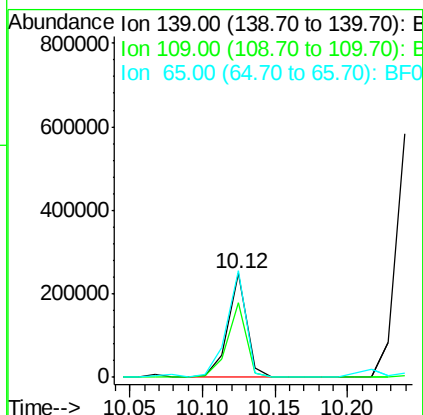
Tot Ion:139 Resp: 227800

Ion Ratio Lower Upper

139 100

109 72.4 48.7 88.7

65 103.5 78.8 118.8



#56

2,4-Dinitrotoluene

Concen: 47.70 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion:165 Resp: 356464

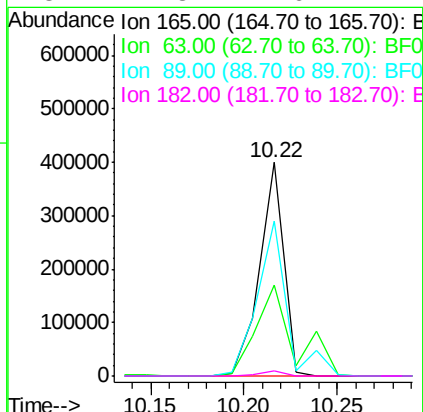
Ion Ratio Lower Upper

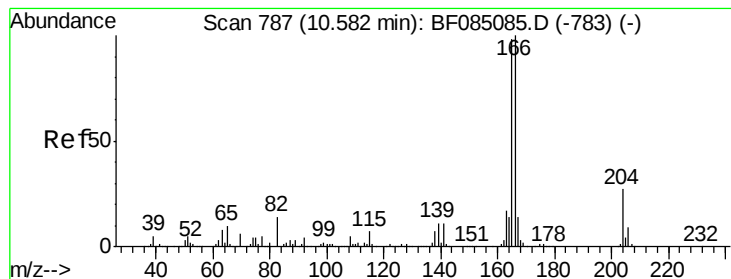
165 100

63 42.7 36.6 55.0

89 72.4 54.4 81.6

182 2.3 1.6 2.4





#57

Fluorene

Concen: 38.21 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampled :

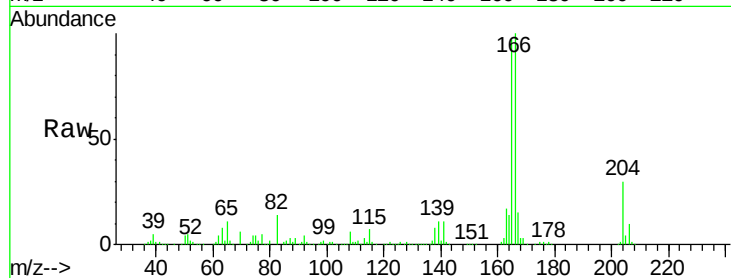
Tot Ion:166 Resp: 1034869

Ion Ratio Lower Upper

166 100

165 97.0 78.9 118.3

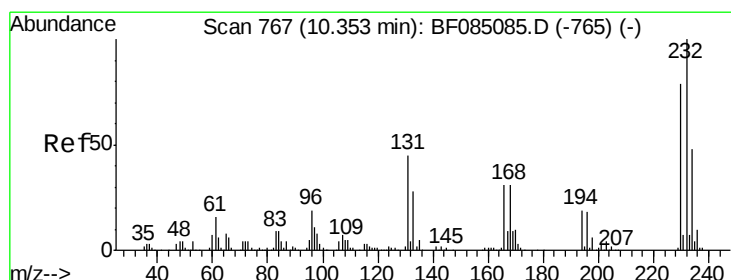
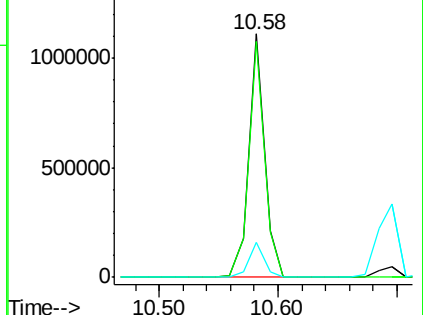
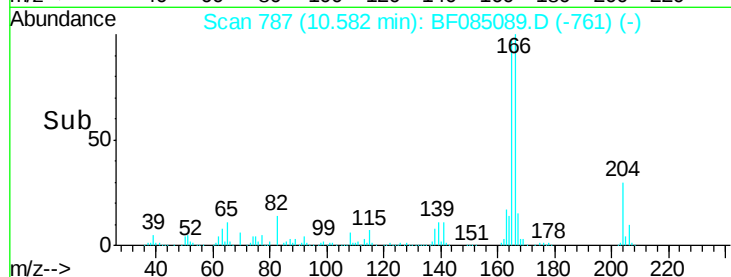
167 14.6 10.9 16.3



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: 46.01 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Tgt Ion:232 Resp: 313781

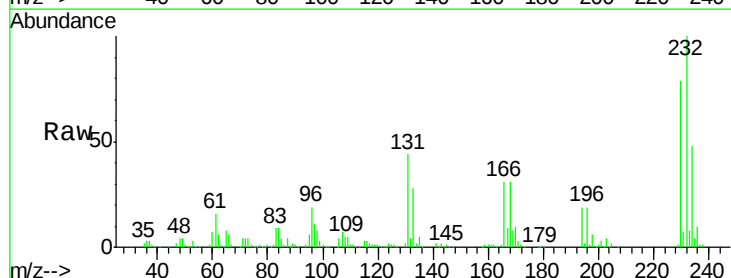
Ion Ratio Lower Upper

232 100

131 45.0 39.7 59.5

130 2.1 1.8 2.8

166 30.7 24.2 36.2

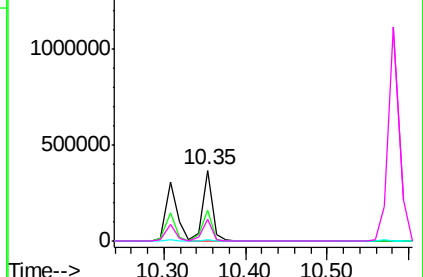
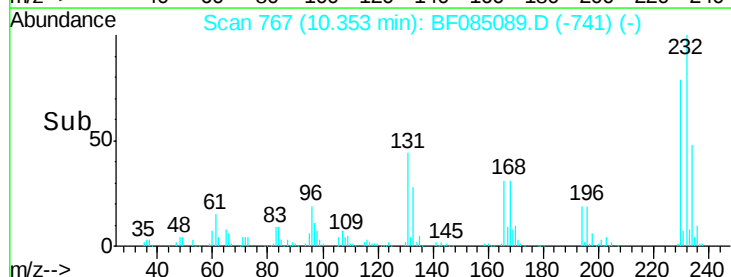


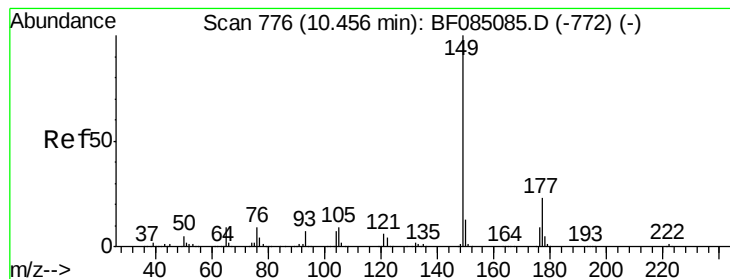
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.93 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

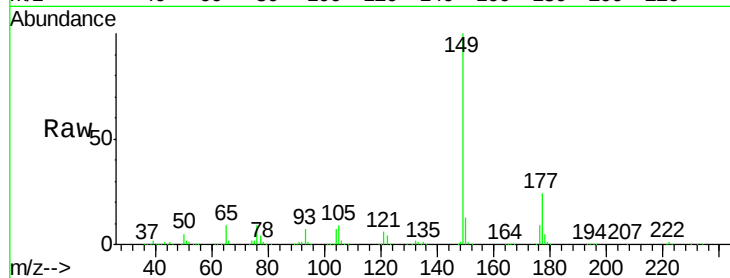
Tot Ion:149 Resp: 1247318

Ion Ratio Lower Upper

149 100

177 23.8 16.4 24.6

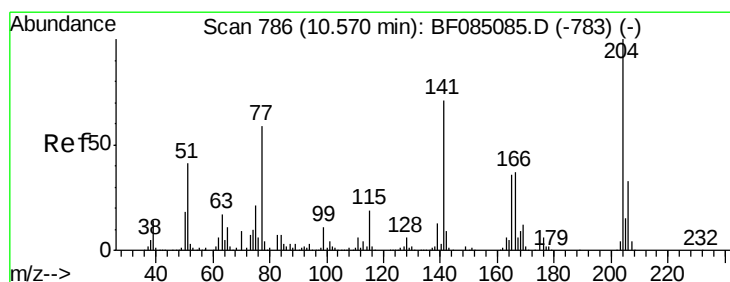
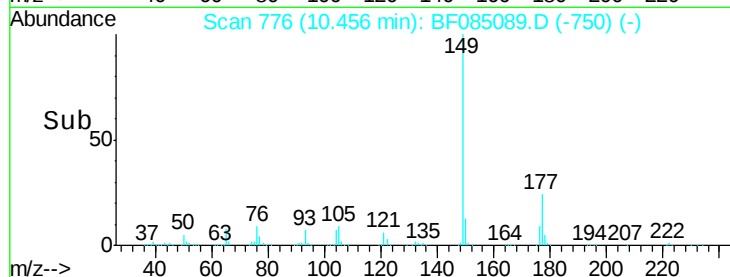
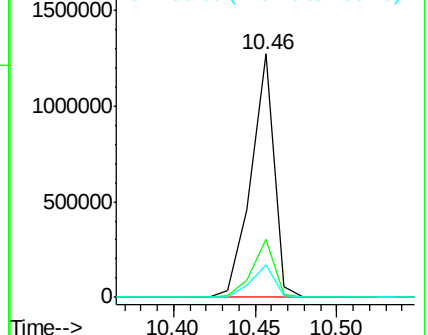
150 13.2 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.94 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

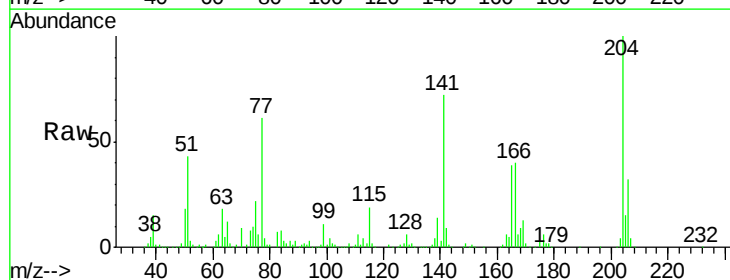
Tgt Ion:204 Resp: 544960

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

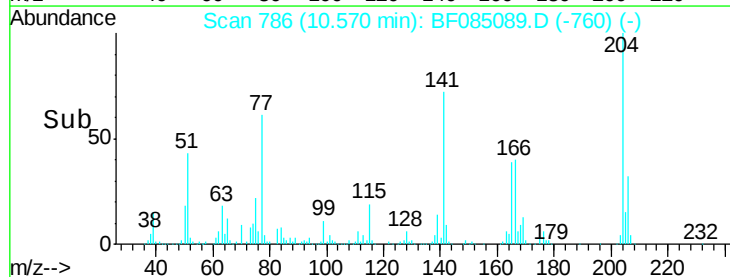
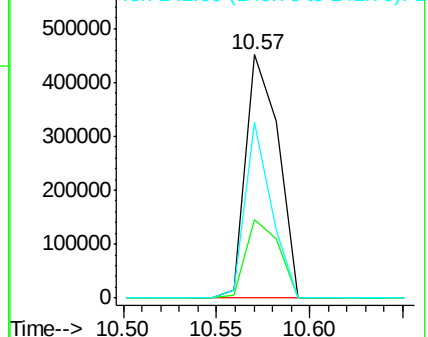
141 72.3 50.5 75.7

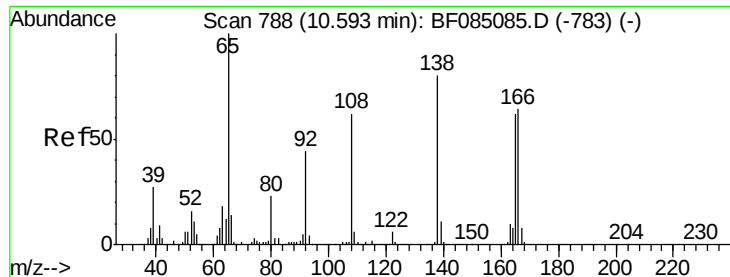


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

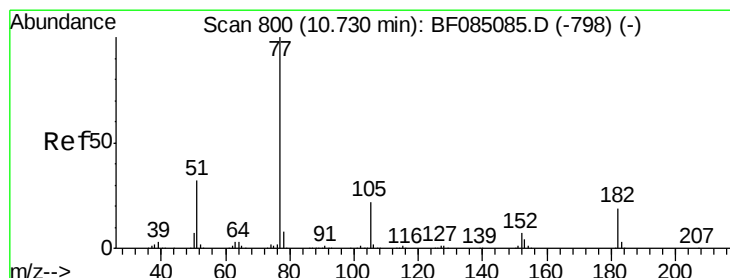
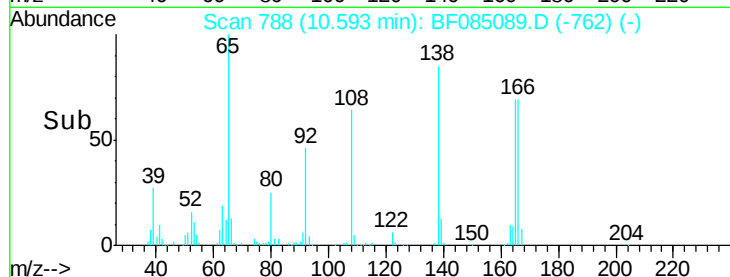
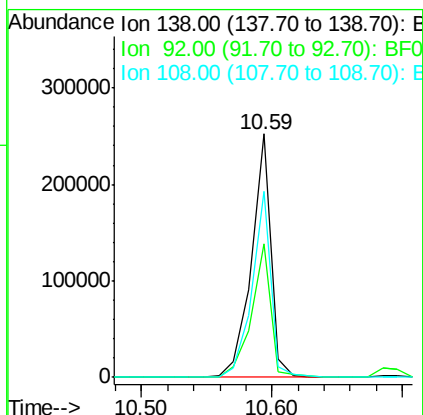
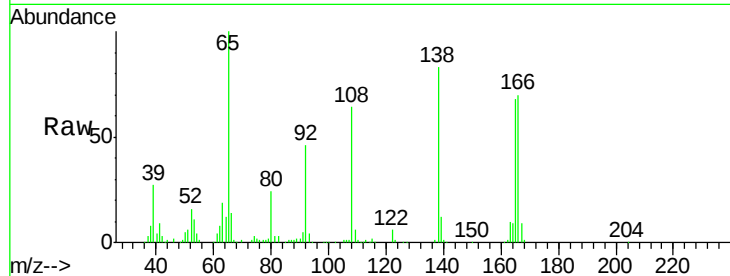




#61
4-Nitroaniline
Concen: 40.72 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

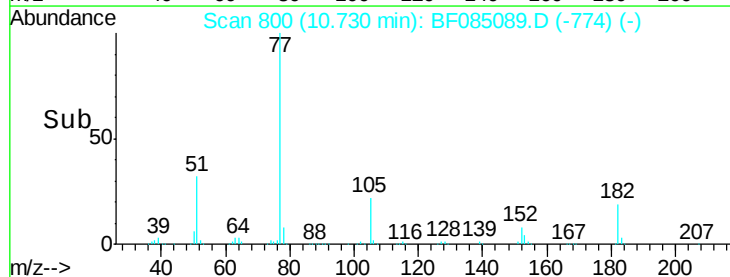
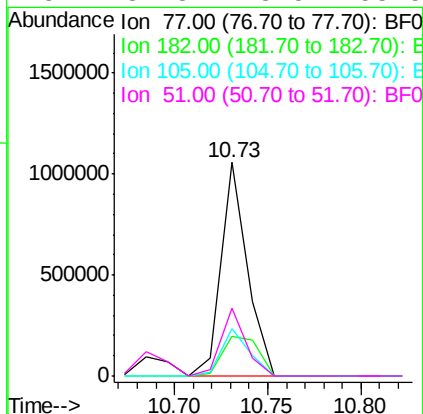
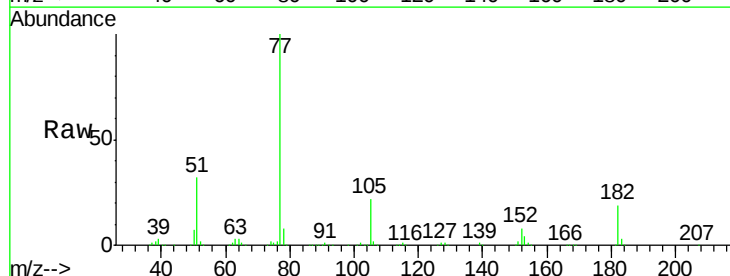
Instrument :
BNA_F
ClientSampleId :

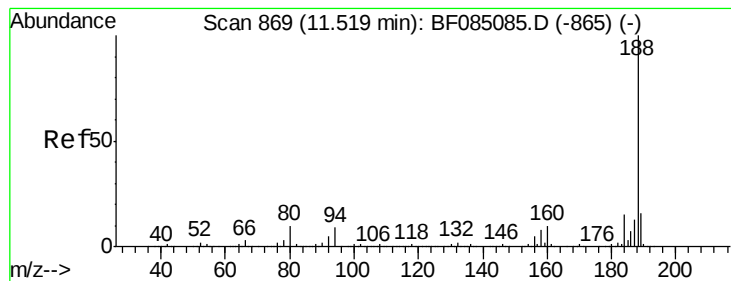
Tot Ion:138 Resp: 261186
Ion Ratio Lower Upper
138 100
92 54.7 32.6 72.6
108 76.3 54.6 94.6



#62
Azobenzene
Concen: 37.24 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion: 77 Resp: 1040597
Ion Ratio Lower Upper
77 100
182 18.8 1.3 41.3
105 22.5 4.2 44.2
51 31.8 13.5 53.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

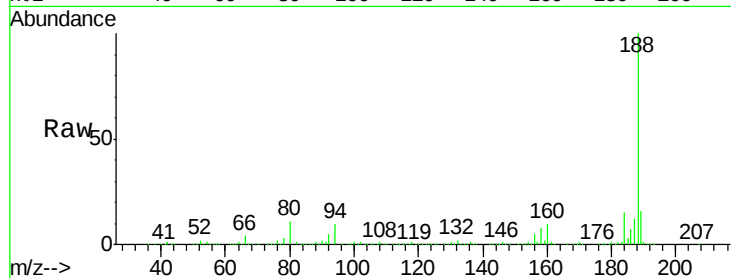
Tot Ion:188 Resp: 799948

Ion Ratio Lower Upper

188 100

94 9.8 6.2 9.2#

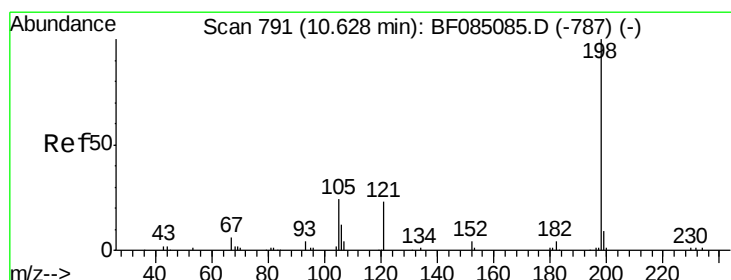
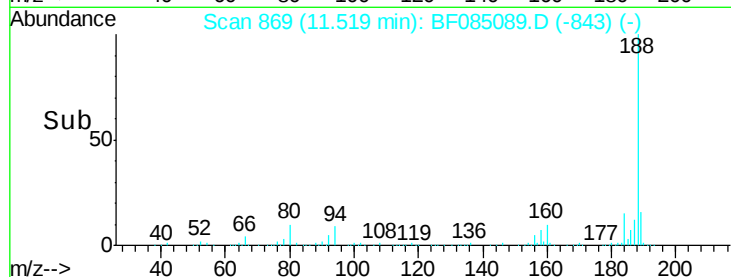
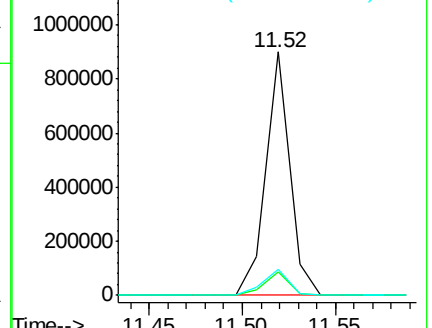
80 10.6 6.6 9.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.85 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

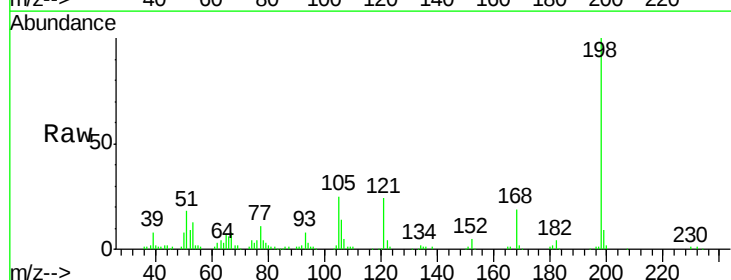
Tgt Ion:198 Resp: 153909

Ion Ratio Lower Upper

198 100

51 17.6 34.5 74.5#

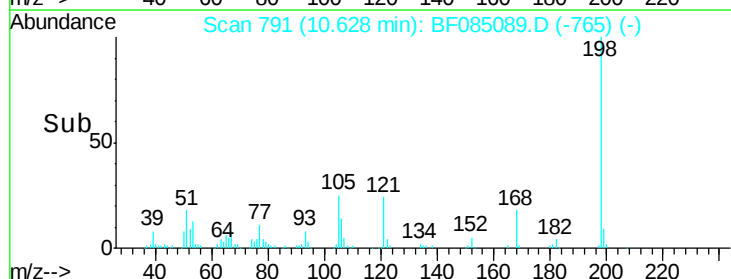
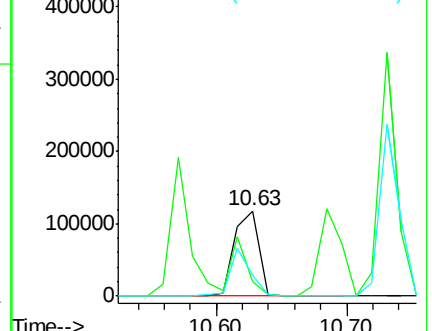
105 25.2 26.2 66.2#

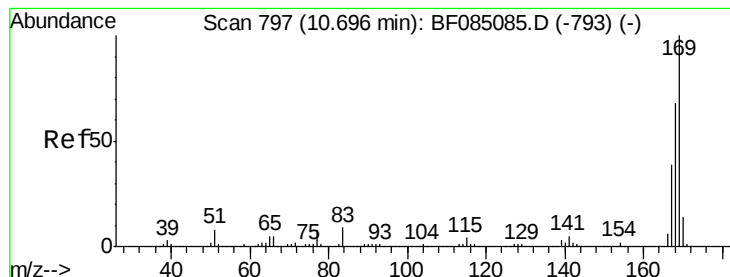


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

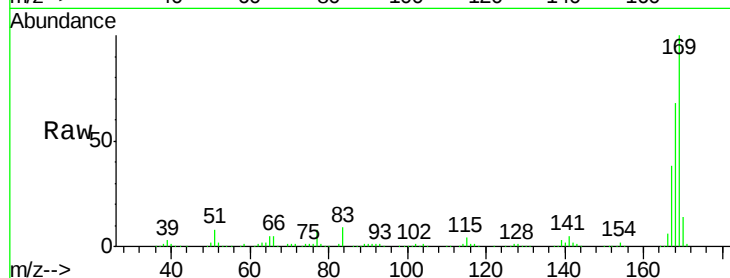




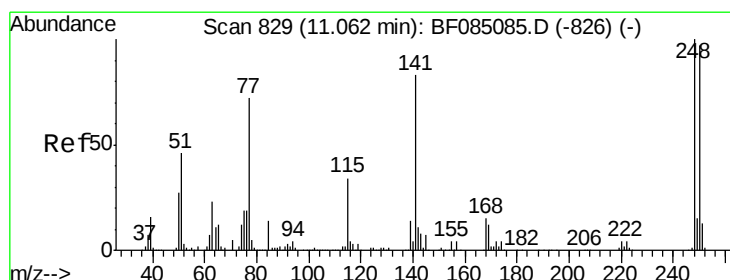
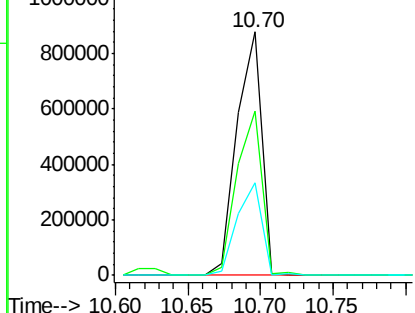
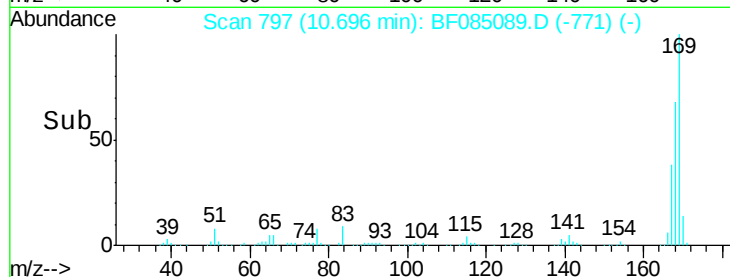
#65
 n-Nitrosodiphenylamine
 Concen: 41.30 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1042023
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.8 82.2
 167 37.8 29.8 44.8

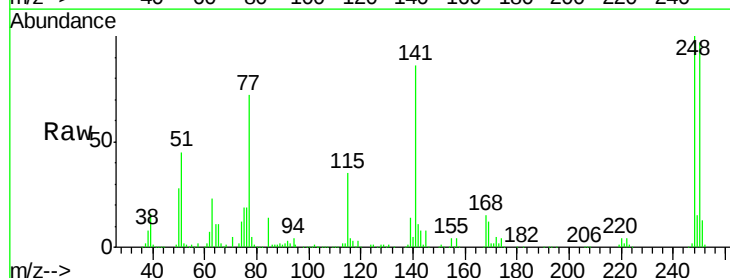


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

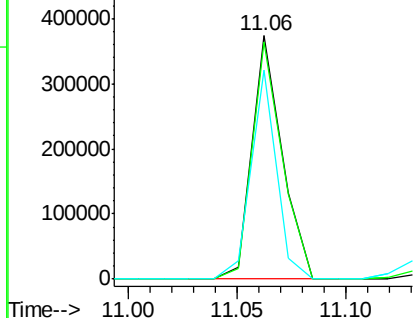
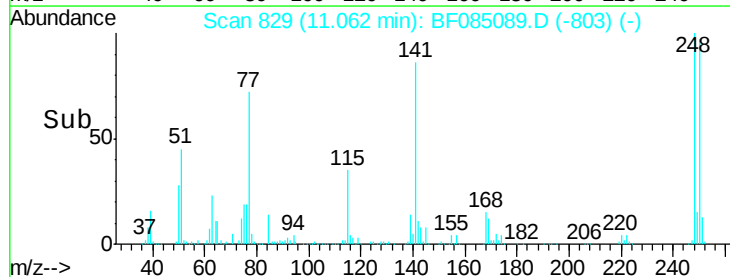


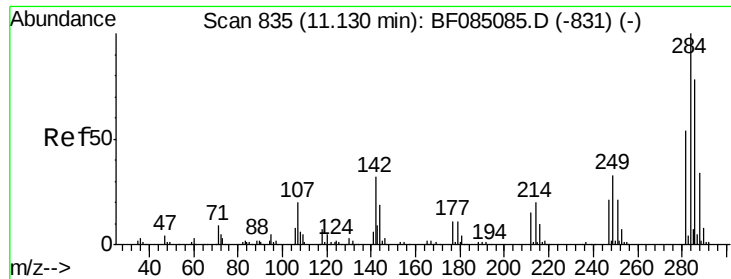
#66
 4-Bromophenyl-phenylether
 Concen: 38.49 ng
 RT: 11.06 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion:248 Resp: 359527
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.5 116.3
 141 85.8 58.2 87.4



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

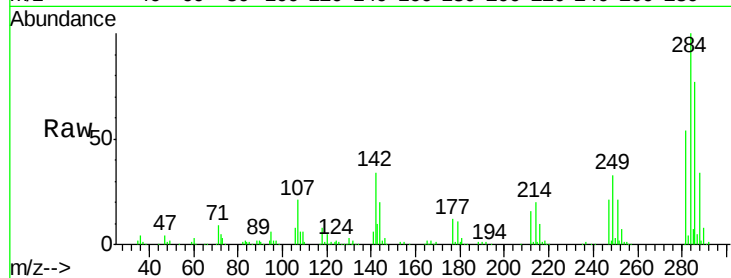




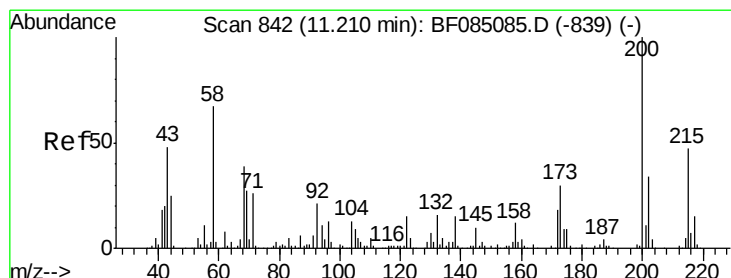
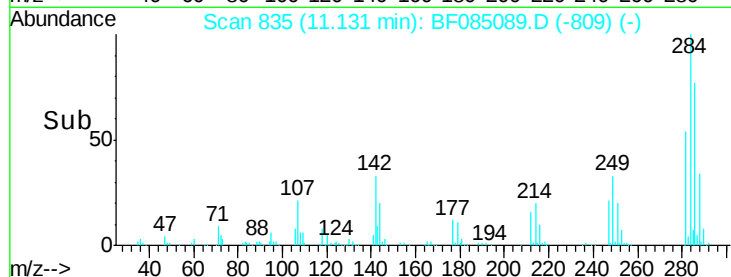
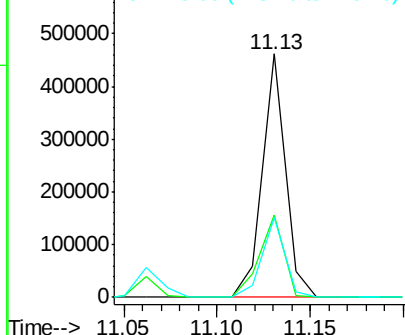
#67
Hexachlorobenzene
Concen: 40.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 392567
Ion Ratio Lower Upper
284 100
142 33.6 33.5 50.3
249 32.8 27.4 41.2

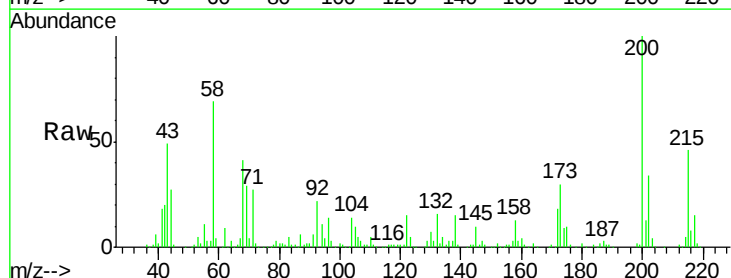


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

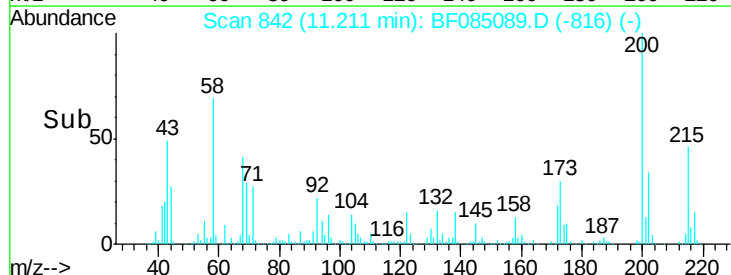
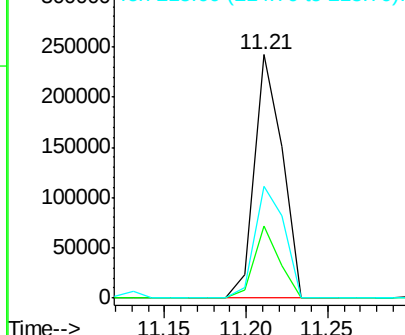


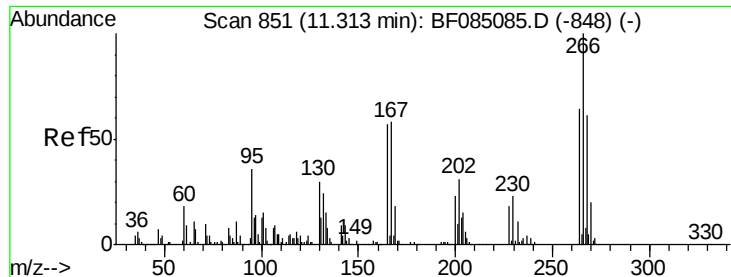
#68
Atrazine
Concen: 39.39 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion:200 Resp: 286244
Ion Ratio Lower Upper
200 100
173 29.6 4.7 44.7
215 45.7 24.8 64.8



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

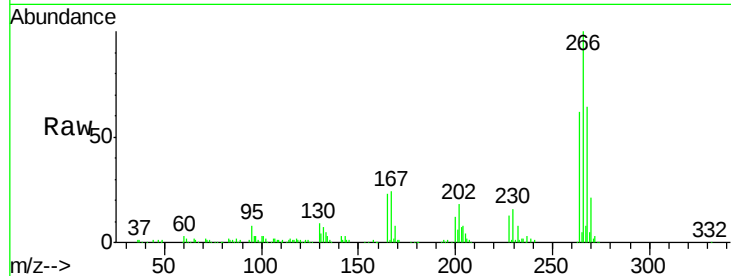




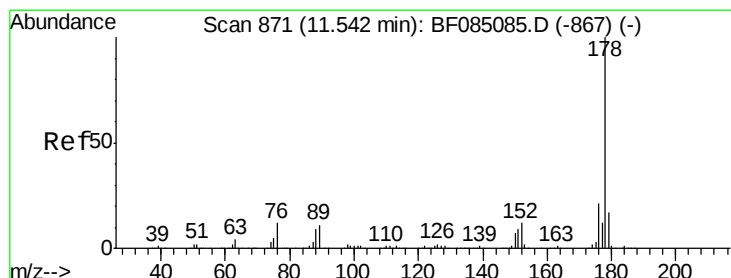
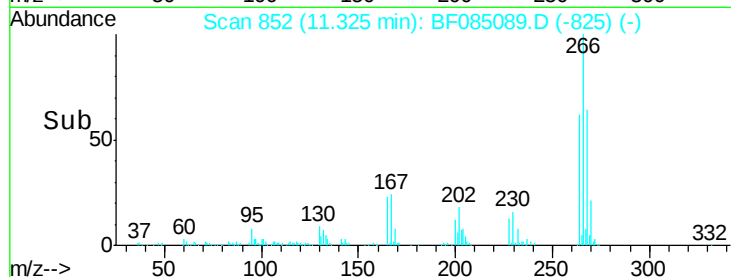
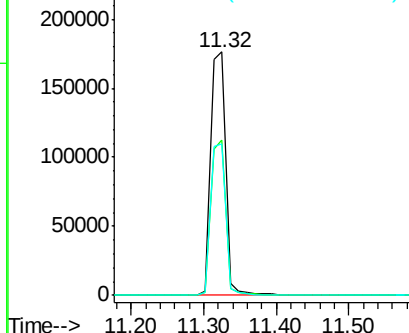
#69
 Pentachlorophenol
 Concen: 42.67 ng
 RT: 11.32 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 254030
 Ion Ratio Lower Upper
 266 100
 268 63.7 47.3 70.9
 264 62.2 49.8 74.6

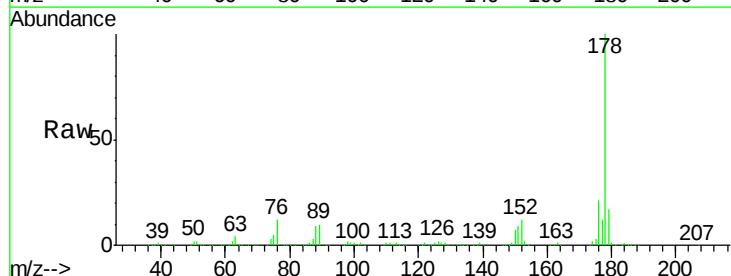


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

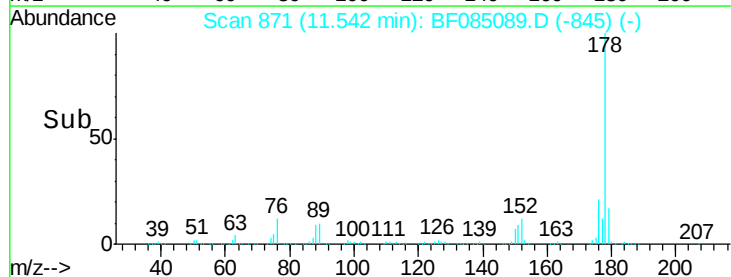
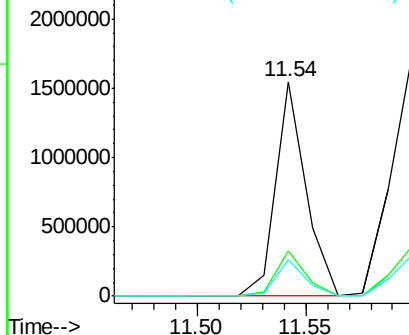


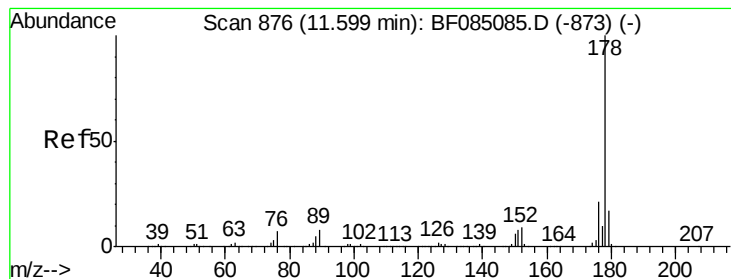
#70
 Phenanthrene
 Concen: 37.48 ng
 RT: 11.54 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion:178 Resp: 1506148
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.9 23.9
 179 17.1 13.1 19.7



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

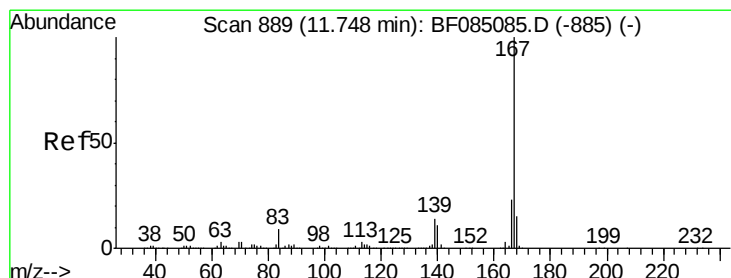
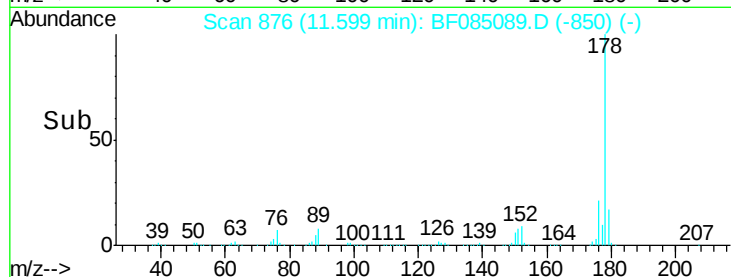
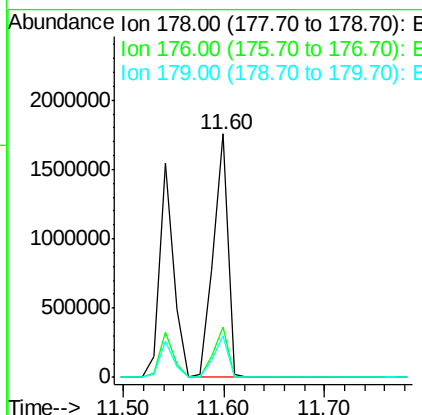
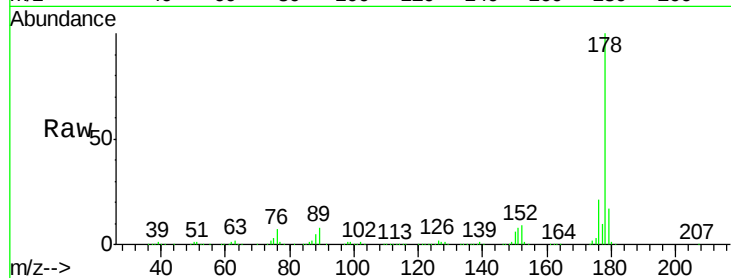




#71
 Anthracene
 Concen: 43.48 ng
 RT: 11.60 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

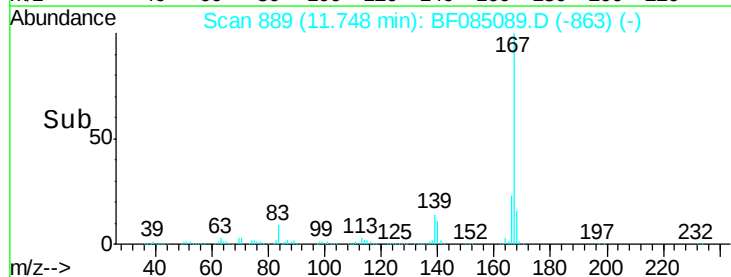
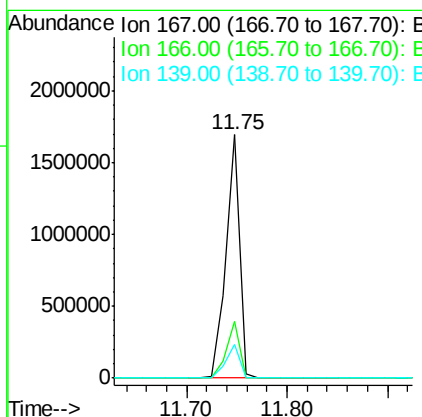
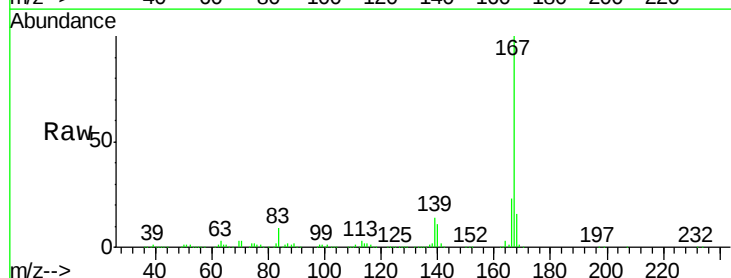
Instrument :
 BNA_F
 ClientSampleId :

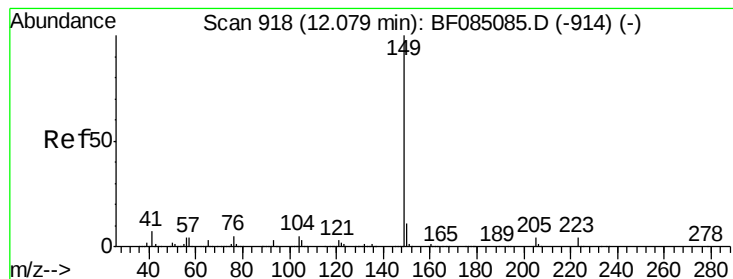
Tot Ion:178 Resp: 1763737
 Ion Ratio Lower Upper
 178 100
 176 20.8 14.8 22.2
 179 16.9 12.2 18.2



#72
 Carbazole
 Concen: 43.05 ng
 RT: 11.75 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion:167 Resp: 1592465
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.4 26.0
 139 13.9 11.0 16.6





#73

Di-n-butylphthalate

Concen: 43.38 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

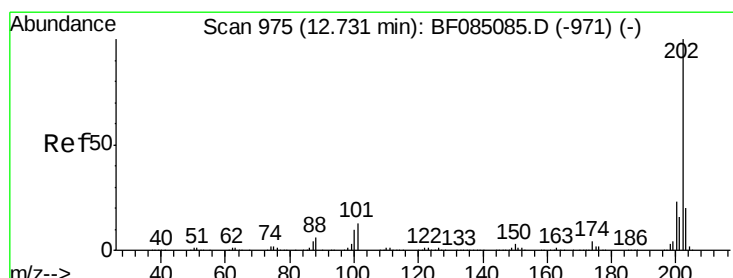
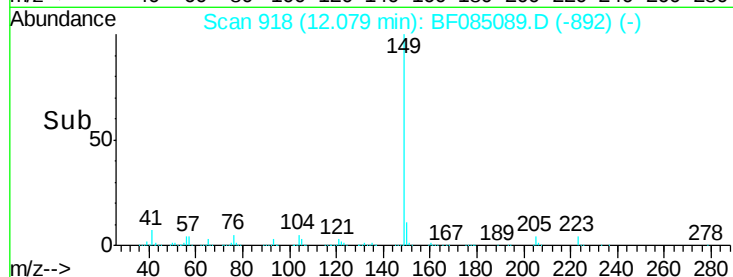
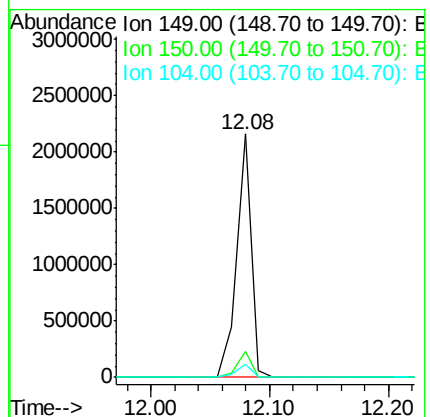
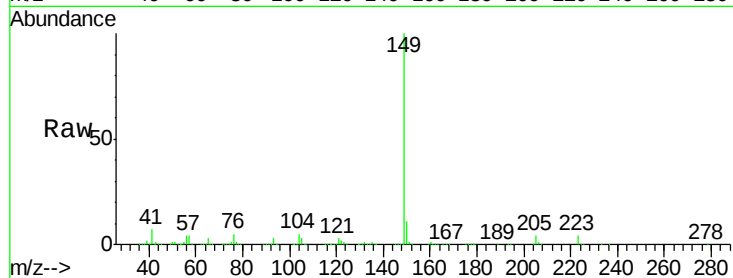
Tot Ion:149 Resp: 1831154

Ion Ratio Lower Upper

149 100

150 10.7 7.5 11.3

104 5.4 4.2 6.2



#74

Fluoranthene

Concen: 39.62 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

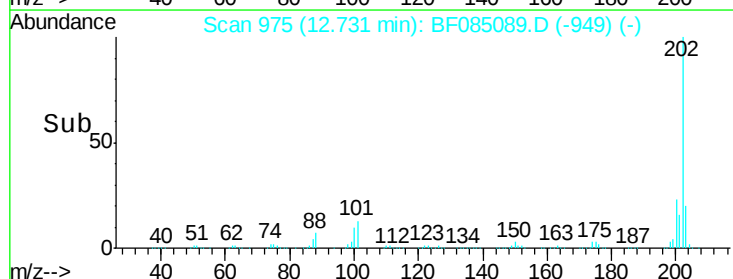
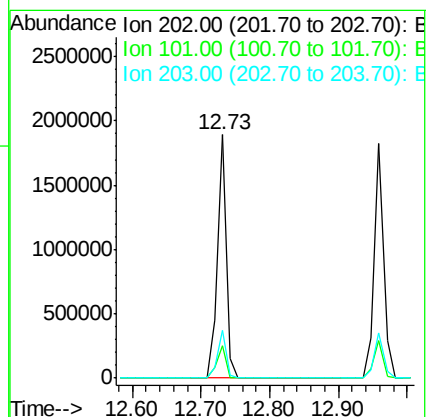
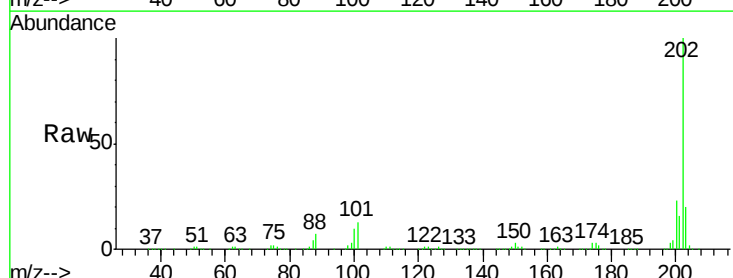
Tgt Ion:202 Resp: 1720865

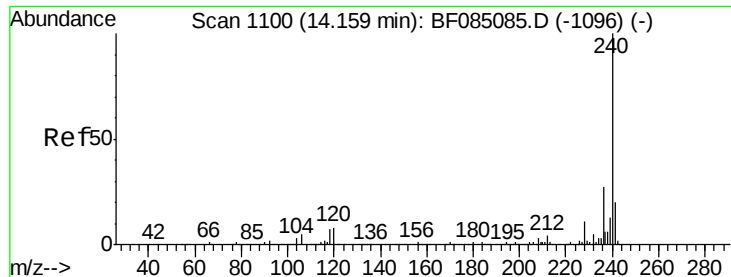
Ion Ratio Lower Upper

202 100

101 13.2 0.0 29.8

203 19.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

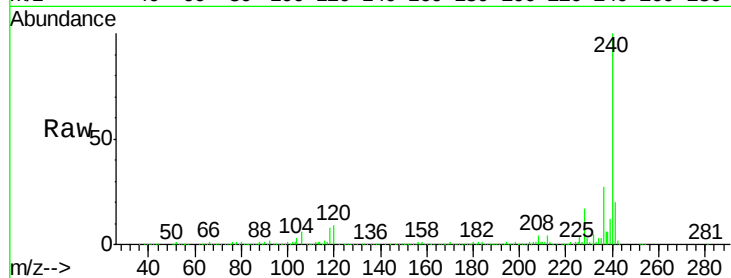
Tot Ion:240 Resp: 792855

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

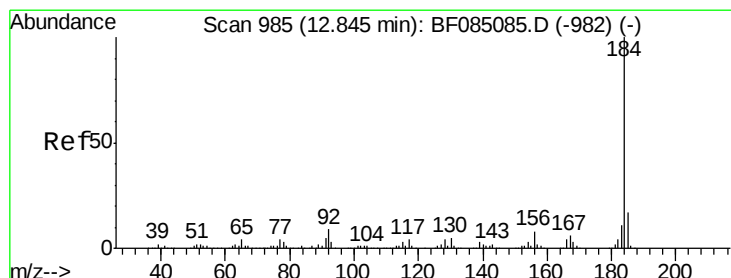
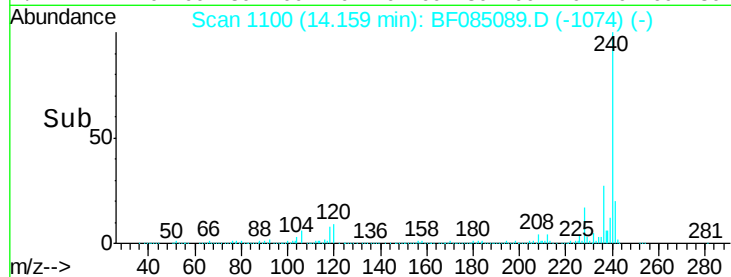
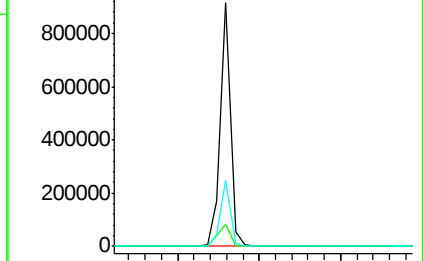
236 26.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.59 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

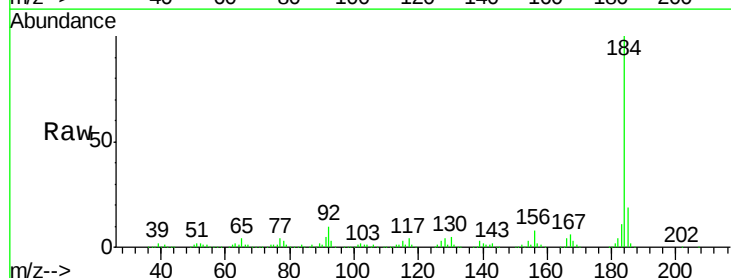
Tgt Ion:184 Resp: 877317

Ion Ratio Lower Upper

184 100

185 19.4 11.8 17.8#

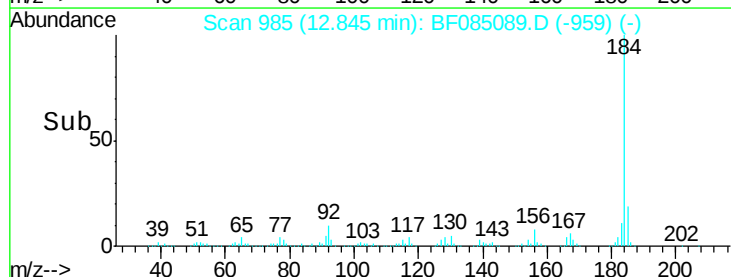
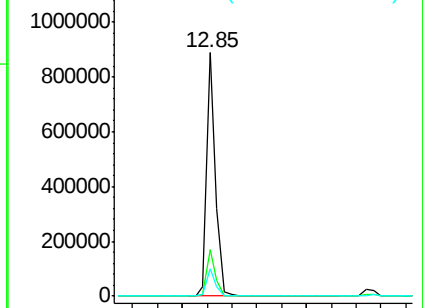
183 11.4 8.6 12.8

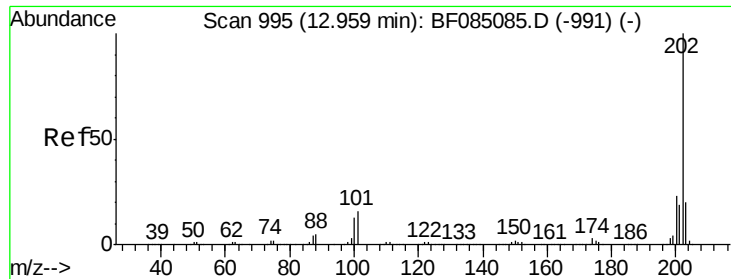


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

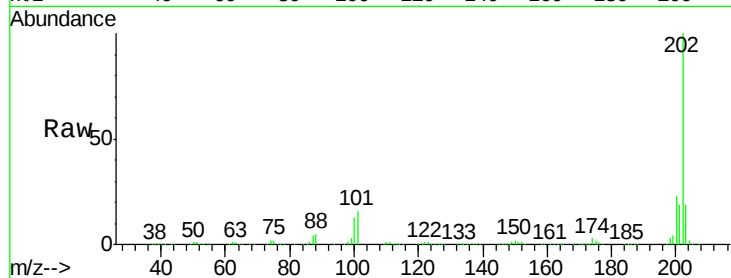




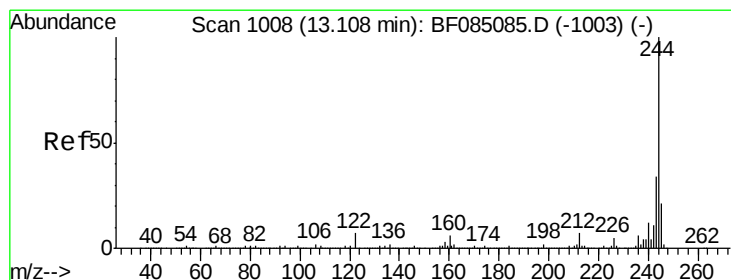
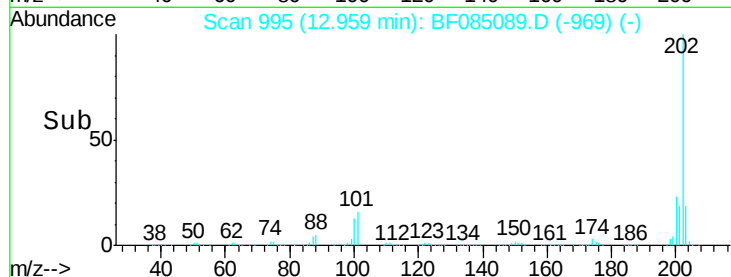
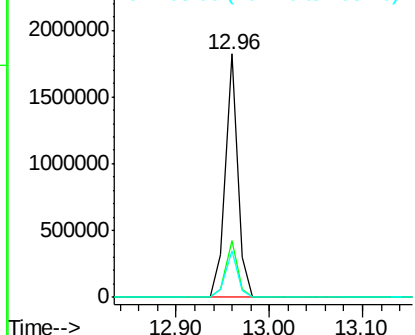
#77
Pvrene
Concen: 35.25 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1682557
Ion Ratio Lower Upper
202 100
200 23.1 17.0 25.4
203 19.3 14.2 21.4

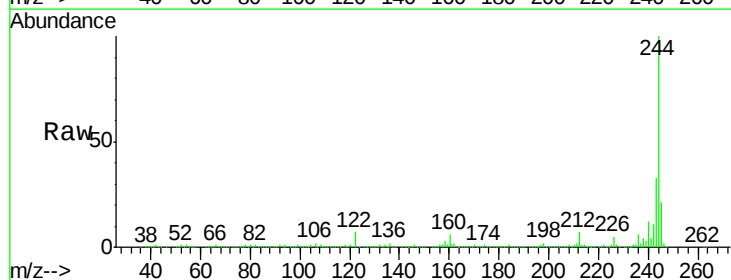


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

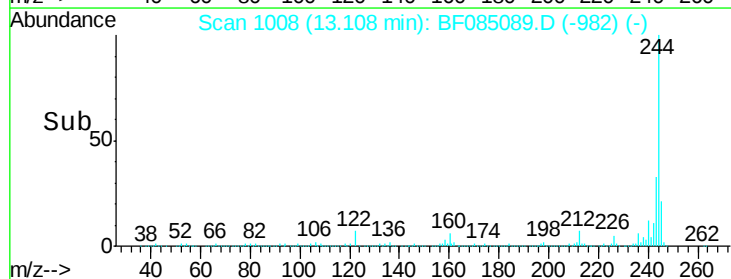
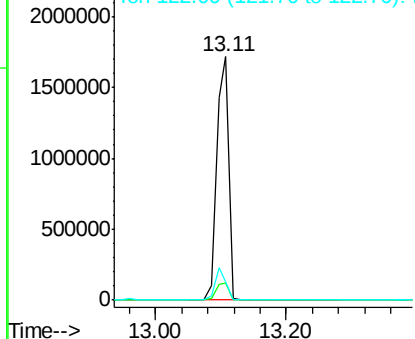


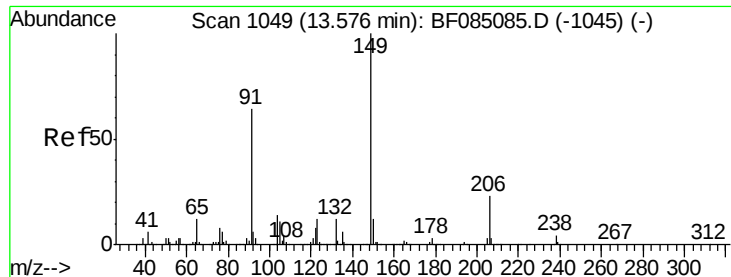
#78
Terphenyl-d14
Concen: 79.27 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion:244 Resp: 2243981
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 7.3 10.1 15.1#



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

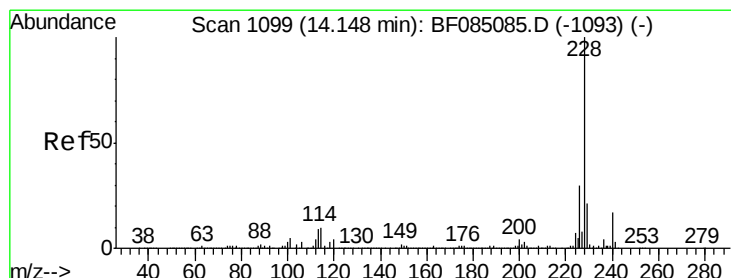
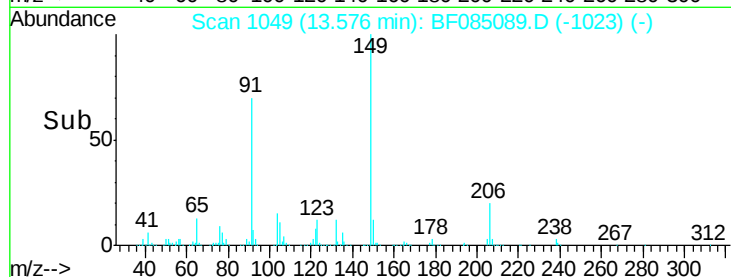
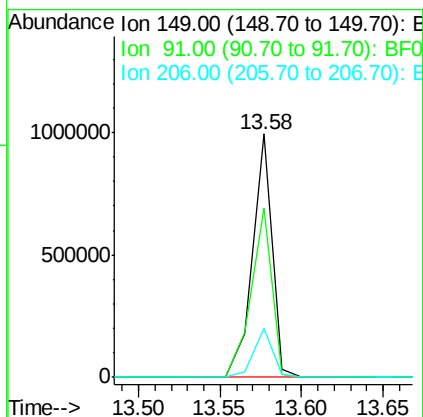
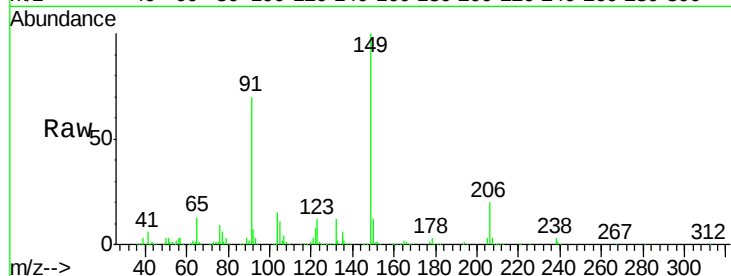




#79
Butylbenzylphthalate
Concen: 43.65 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

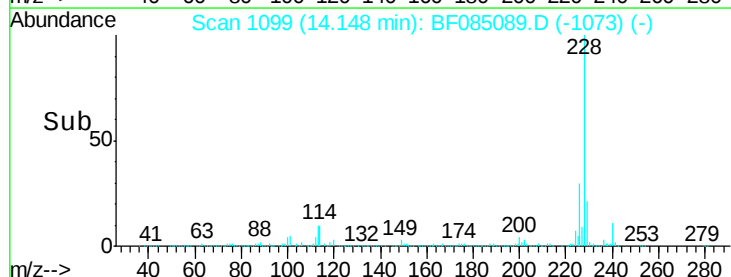
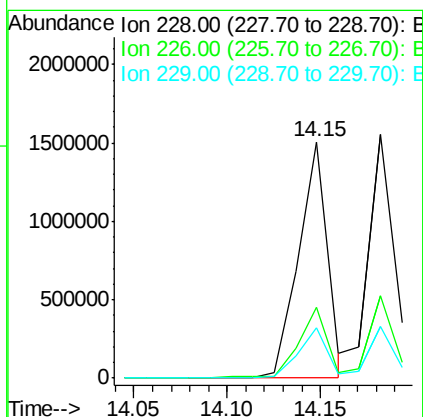
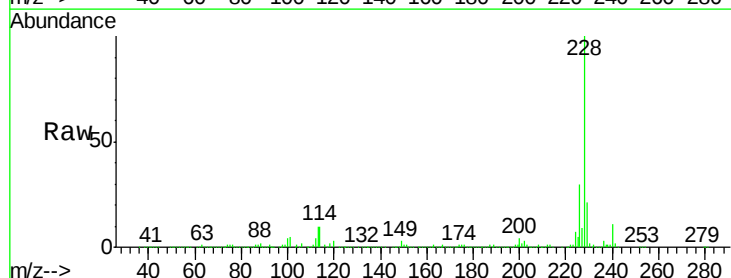
Instrument :
BNA_F
ClientSampleId :

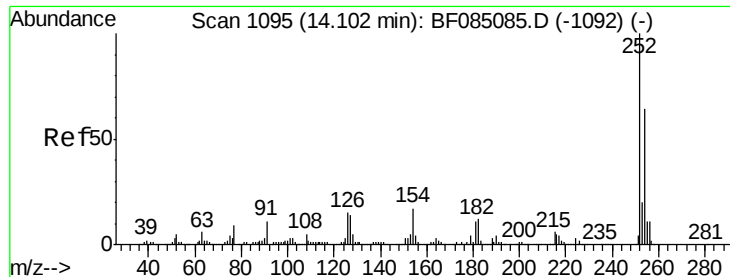
Tot Ion:149 Resp: 828158
Ion Ratio Lower Upper
149 100
91 69.5 57.8 86.8
206 20.3 13.8 20.8



#80
Benzo(a)anthracene
Concen: 36.94 ng
RT: 14.15 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion:228 Resp: 1633736
Ion Ratio Lower Upper
228 100
226 30.2 21.8 32.6
229 21.4 15.8 23.8





#81

3,3'-Dichlorobenzidine

Concen: 40.61 ng

RT: 14.11 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

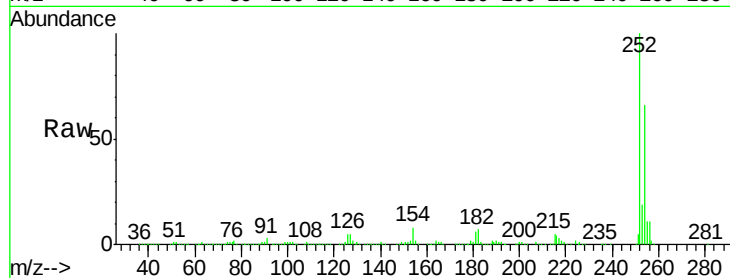
Tot Ion:252 Resp: 664068

Ion Ratio Lower Upper

252 100

254 66.1 52.9 79.3

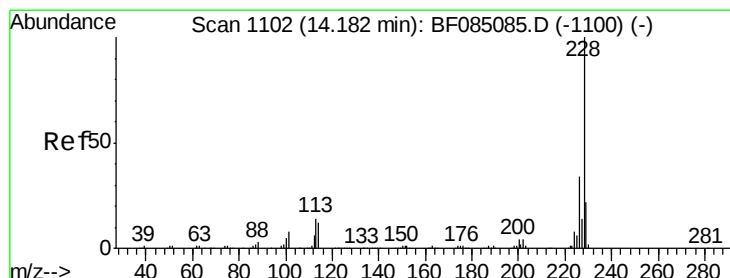
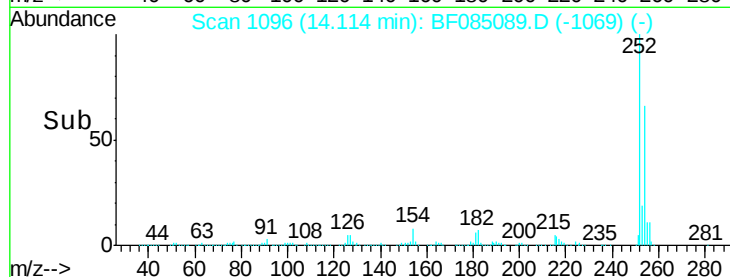
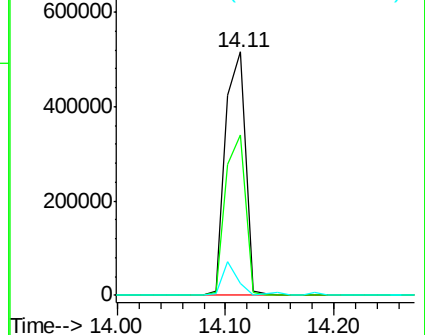
126 5.0 10.6 16.0#



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: 32.79 ng

RT: 14.18 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

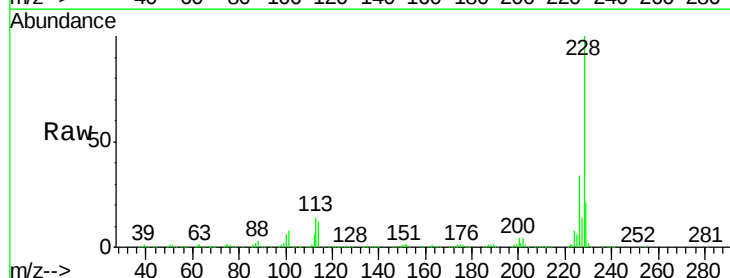
Tgt Ion:228 Resp: 1334586

Ion Ratio Lower Upper

228 100

226 33.9 24.3 36.5

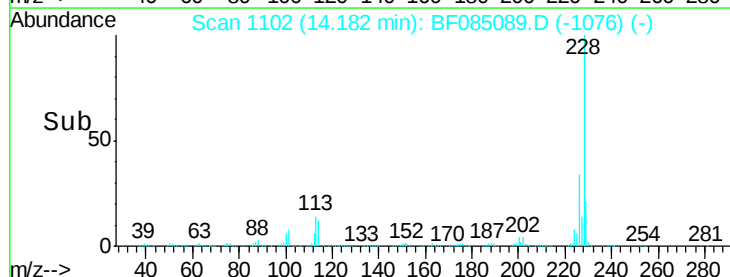
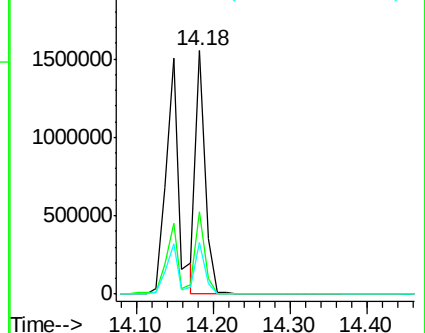
229 21.3 16.1 24.1

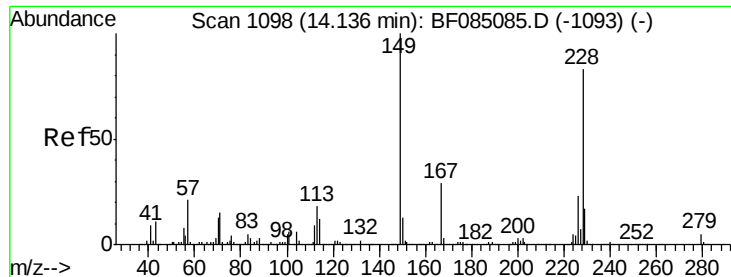


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.72 ng

RT: 14.14 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

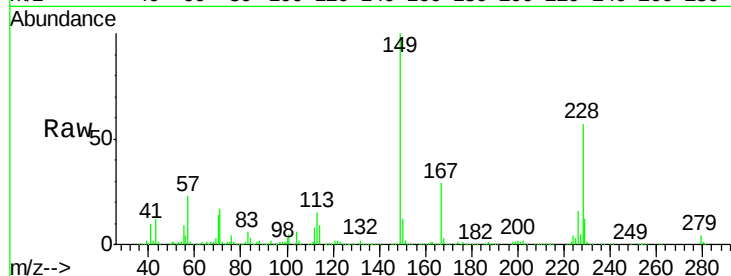
Tot Ion:149 Resp: 1107759

Ion Ratio Lower Upper

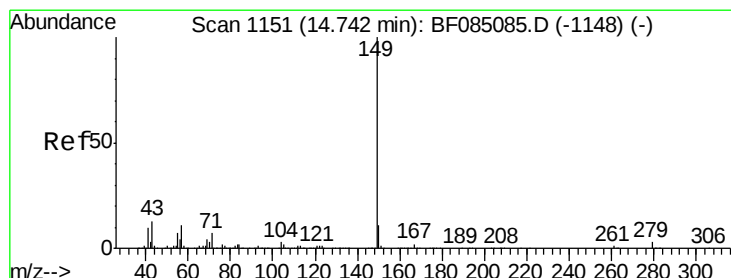
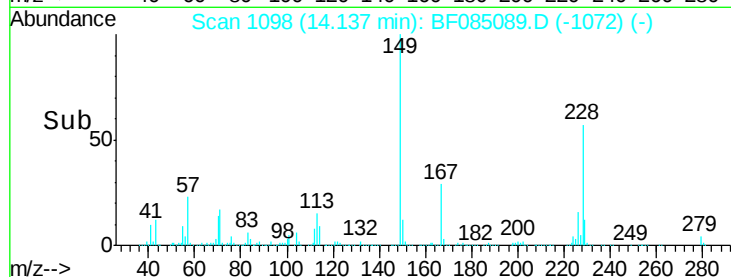
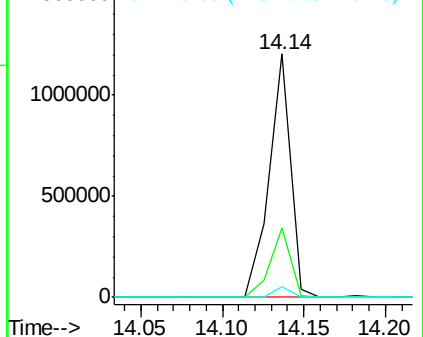
149 100

167 28.7 21.0 31.6

279 4.2 2.4 3.6#



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



#84

Di-n-octyl phthalate

Concen: 43.37 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

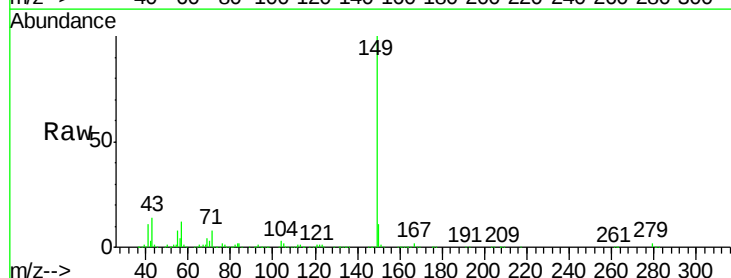
Tgt Ion:149 Resp: 1799204

Ion Ratio Lower Upper

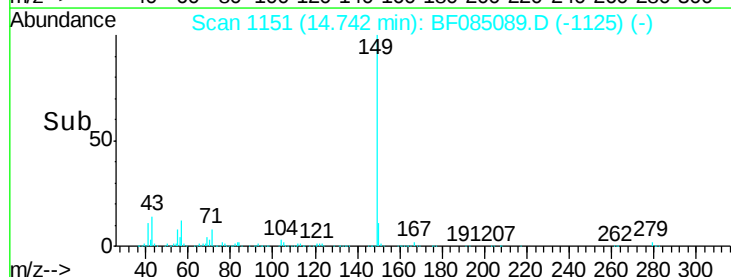
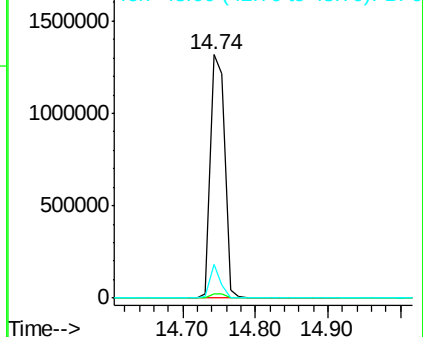
149 100

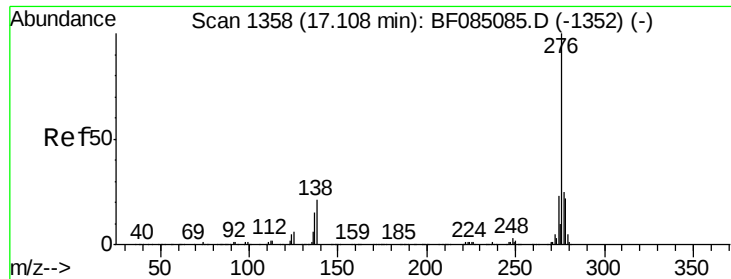
167 1.6 1.2 1.8

43 10.3 9.0 13.6



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

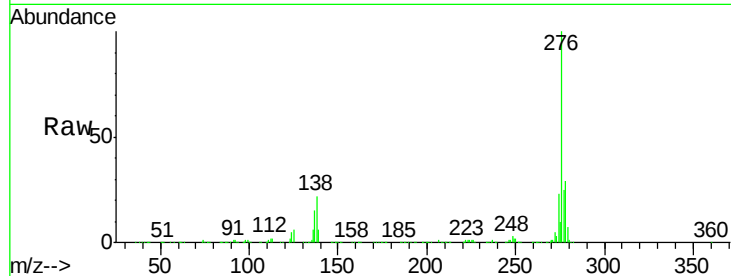




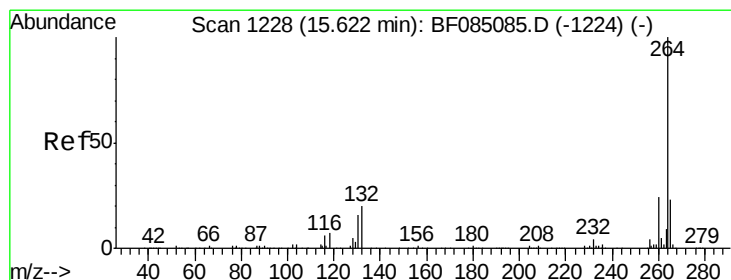
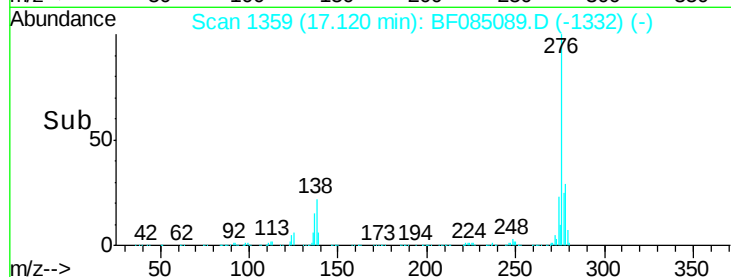
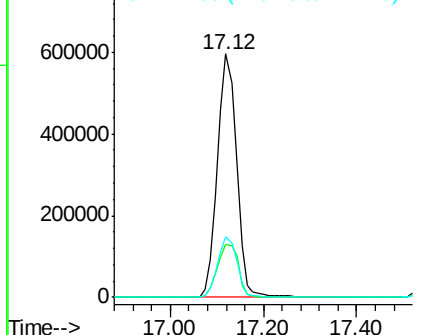
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.32 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1705613
 Ion Ratio Lower Upper
 276 100
 138 23.9 19.0 28.4
 277 25.3 20.0 30.0

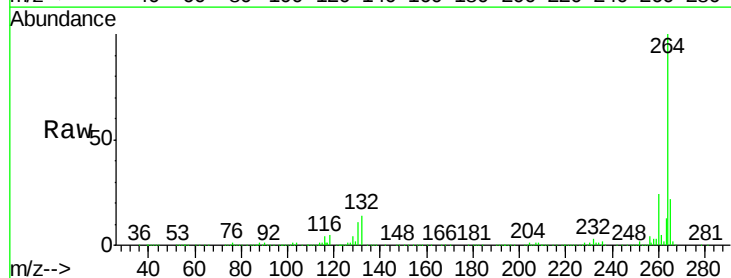


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

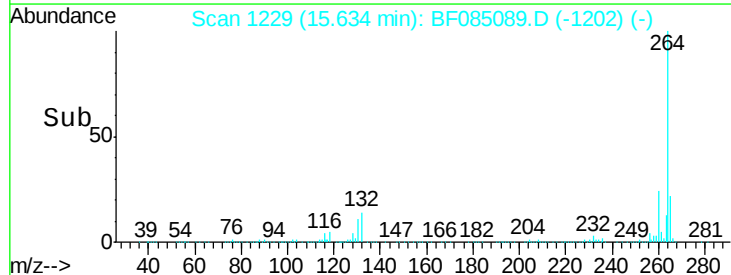
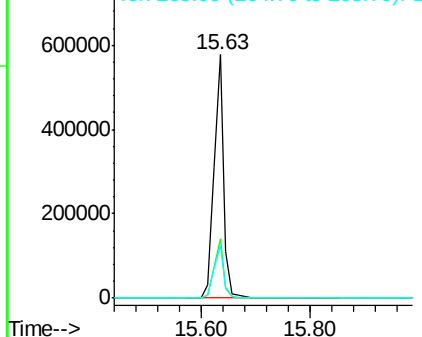


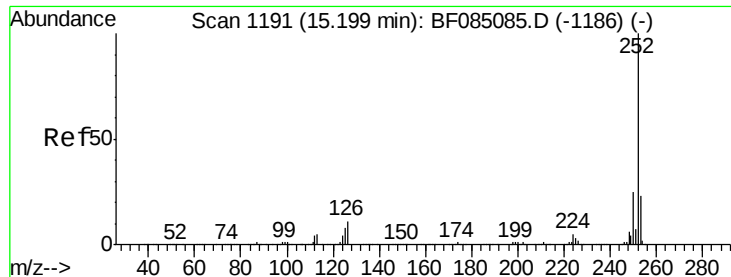
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF085089.D
 Acq: 17 Feb 2016 16:32

Tgt Ion:264 Resp: 728205
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.5 27.7
 265 22.0 16.7 25.1



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

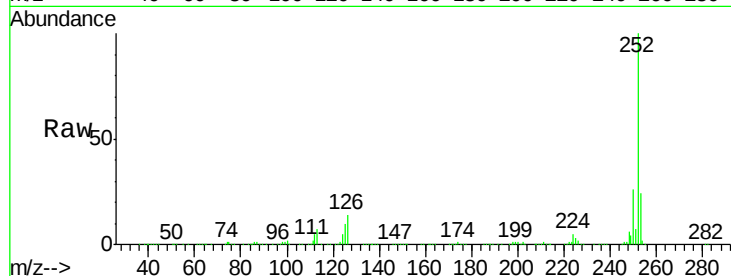




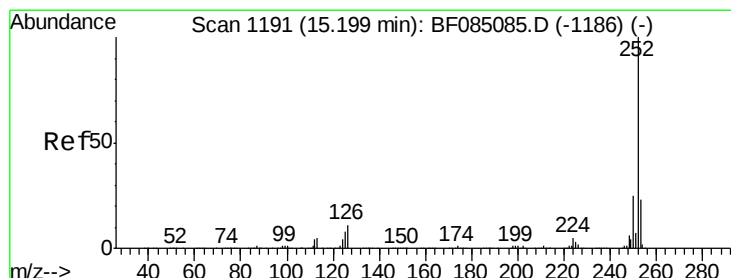
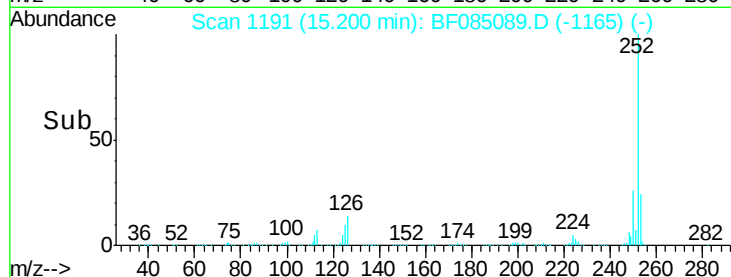
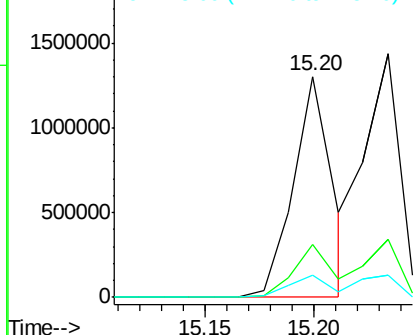
#87
Benzo(b)fluoranthene
Concen: 34.56 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1604741
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 10.2 5.4 8.2#

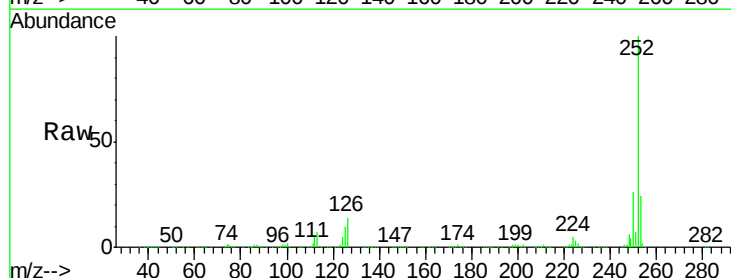


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

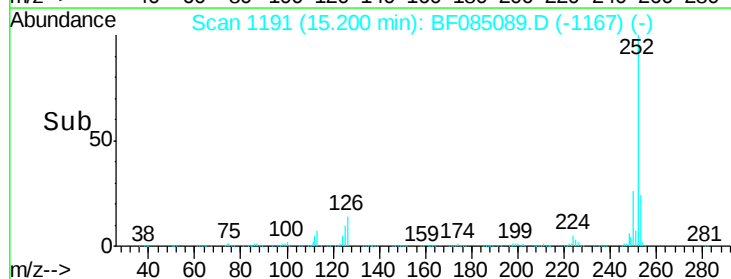
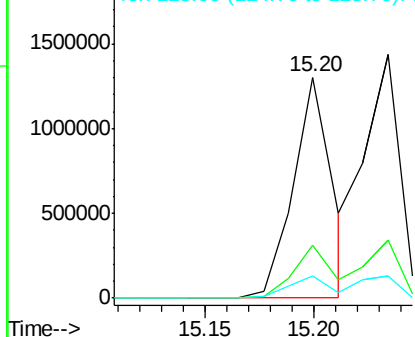


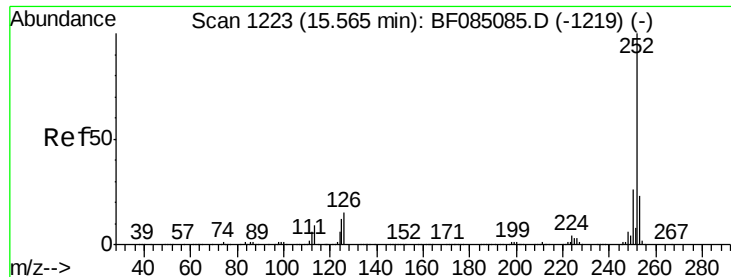
#88
Benzo(k)fluoranthene
Concen: 42.92 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion:252 Resp: 1604741
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.2 7.2 10.8



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

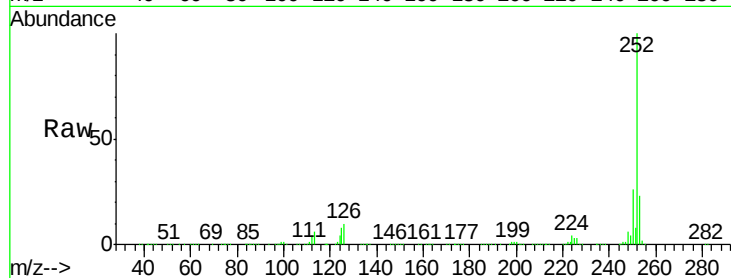




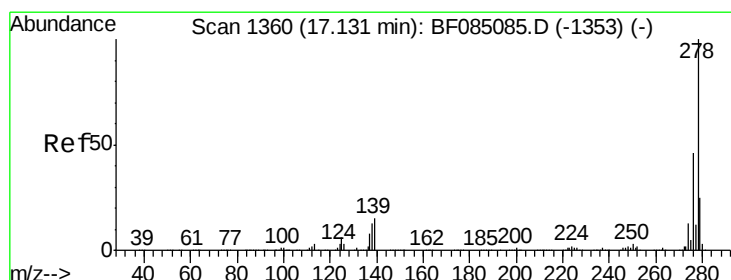
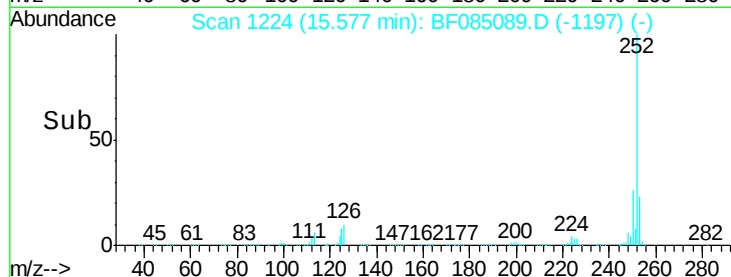
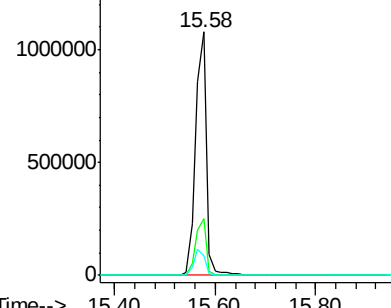
#89
Benzo(a)pyrene
Concen: 40.74 ng
RT: 15.58 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1607320
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 8.0 6.1 9.1

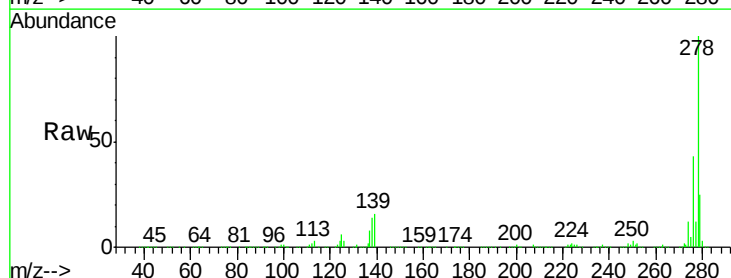


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

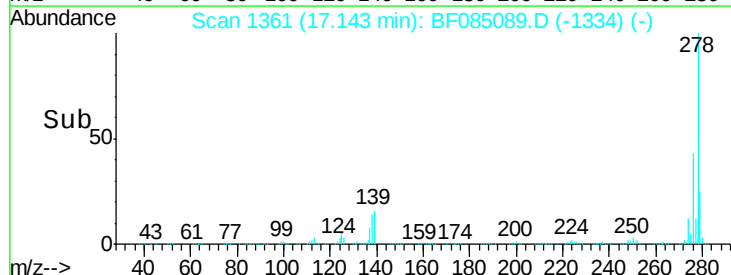
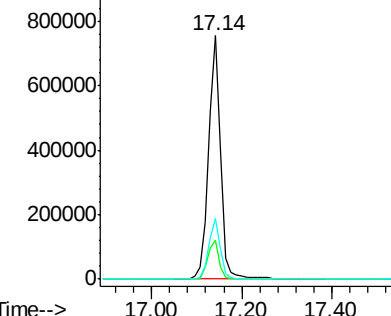


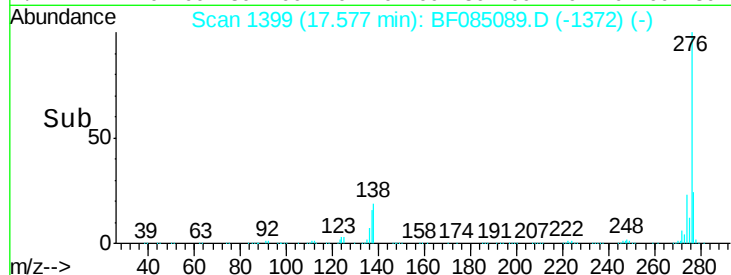
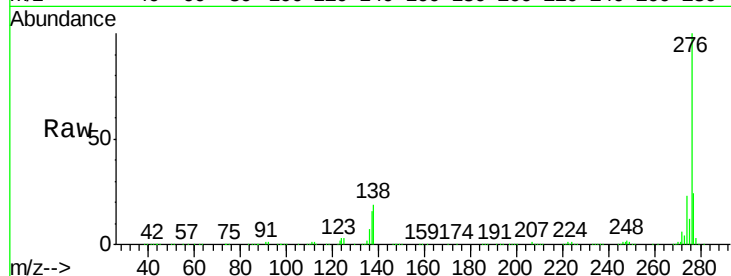
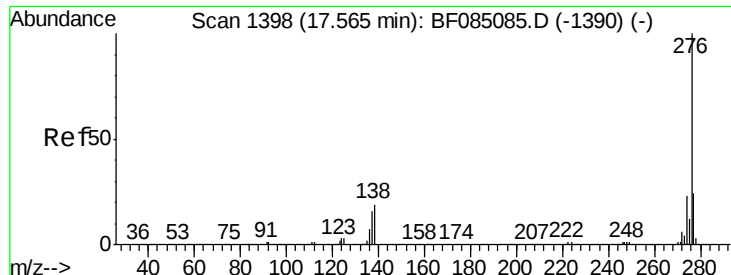
#90
Dibenzo(a,h)anthracene
Concen: 41.66 ng
RT: 17.14 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF085089.D
Acq: 17 Feb 2016 16:32

Tgt Ion:278 Resp: 1403175
Ion Ratio Lower Upper
278 100
139 15.9 13.3 19.9
279 24.7 18.6 27.8



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: 40.51 ng

RT: 17.58 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF085089.D

Acq: 17 Feb 2016 16:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1338779

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 18.8 16.6 24.8

