

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
 Data File : BF087839.D
 Acq On : 9 Jun 2016 7:43
 Operator : UM/SJ
 Sample : H3405-02MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Quant Time: Jun 09 08:33:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	110042	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	428132	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	180015	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	276670	20.00	ng	0.00
75) Chrysene-d12	13.99	240	194547	20.00	ng	0.00
86) Perylene-d12	15.42	264	173119	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	942852	146.48	ng	0.00
7) Phenol-d6	6.47	99	1145767	146.87	ng	-0.01
23) Nitrobenzene-d5	7.39	82	670847	91.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	207495	109.16	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1091018	95.92	ng	-0.01
78) Terphenyl-d14	12.95	244	849017	99.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	106251	33.97	ng	# 33
3) Pyridine	3.19	79	314468	42.58	ng	96
4) n-Nitrosodimethylamine	3.11	42	146857	46.96	ng	94
6) Aniline	6.49	93	257577	23.20	ng	# 55
8) 2-Chlorophenol	6.62	128	346256	45.45	ng	90
9) Benzaldehyde	6.36	77	21015	3.58	ng	86
10) Phenol	6.48	94	300471	36.85	ng	# 69
11) bis(2-Chloroethyl)ether	6.57	93	312346	45.66	ng	88
12) 1,3-Dichlorobenzene	6.76	146	319796	39.12	ng	99
13) 1,4-Dichlorobenzene	6.84	146	339234	41.20	ng	99
14) 1,2-Dichlorobenzene	7.00	146	314489	41.99	ng	100
15) Benzyl Alcohol	6.97	79	238735	39.12	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	399030	43.18	ng	96
17) 2-Methylphenol	7.08	107	252590	40.88	ng	100
18) Hexachloroethane	7.34	117	100901	34.53	ng	# 81
19) n-Nitroso-di-n-propylamine	7.26	70	215505	43.18	ng	# 80
20) 3+4-Methylphenols	7.24	107	304593	42.25	ng	# 86
22) Acetophenone	7.24	105	407112	42.55	ng	# 90
24) Nitrobenzene	7.42	77	353520	49.78	ng	95
25) Isophorone	7.66	82	595414	43.84	ng	97
26) 2-Nitrophenol	7.72	139	150857	39.65	ng	97
27) 2,4-Dimethylphenol	7.77	122	254928	36.39	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	376631	44.71	ng	98
29) 2,4-Dichlorophenol	7.98	162	276320	47.25	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	264000	41.46	ng	99
31) Naphthalene	8.14	128	877153	41.40	ng	100
32) Benzoic acid	7.84	122	19340	5.01	ng	97
33) 4-Chloroaniline	8.18	127	150702	15.93	ng	98
34) Hexachlorobutadiene	8.25	225	135296	40.28	ng	97
35) Caprolactam	8.56	113	71953	37.14	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	240757	38.49	ng	98
37) 2-Methylnaphthalene	8.83	142	568103	40.68	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	230407	51.84	ng	# 1
40) Hexachlorocyclopentadiene	8.98	237	37496	12.91	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
 Data File : BF087839.D
 Acq On : 9 Jun 2016 7:43
 Operator : UM/SJ
 Sample : H3405-02MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Quant Time: Jun 09 08:33:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

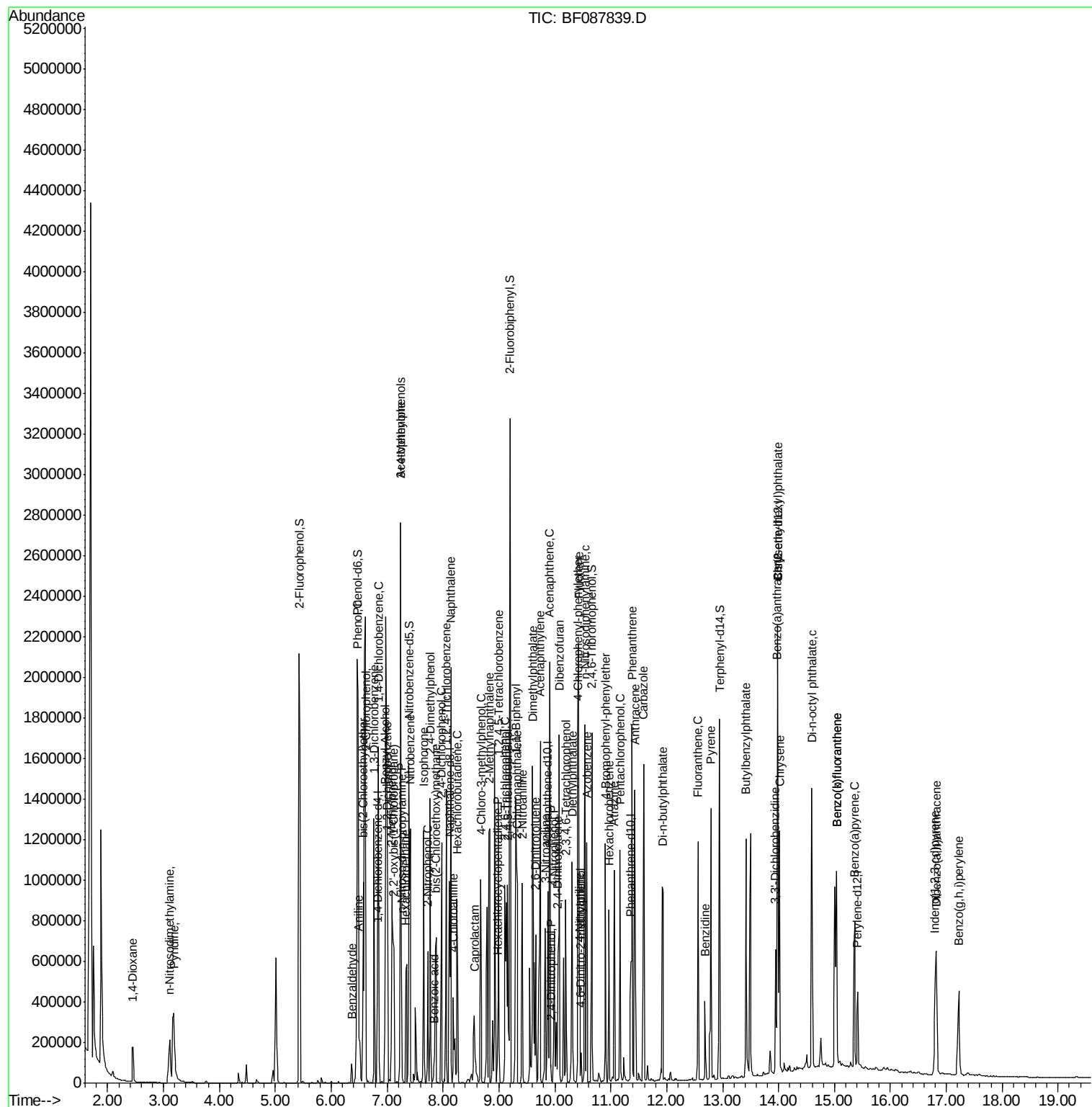
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	161130	44.76	ng	97
43) 2,4,5-Trichlorophenol	9.15	196	150378	40.15	ng #	85
45) 1,1'-Biphenyl	9.30	154	647471	48.39	ng	95
46) 2-Chloronaphthalene	9.32	162	492986	42.32	ng #	91
47) 2-Nitroaniline	9.42	65	161214	46.91	ng	88
48) Acenaphthylene	9.74	152	792656	42.78	ng	99
49) Dimethylphthalate	9.60	163	942750	72.30	ng	99
50) 2,6-Dinitrotoluene	9.66	165	119736	40.09	ng #	52
51) Acenaphthene	9.91	154	459578	39.76	ng	100
52) 3-Nitroaniline	9.83	138	124510	36.13	ng	87
53) 2,4-Dinitrophenol	9.93	184	12908	12.42	ng #	85
54) Dibenzofuran	10.08	168	674715	42.38	ng	94
55) 4-Nitrophenol	9.99	139	189984	71.03	ng	95
56) 2,4-Dinitrotoluene	10.06	165	150408	39.19	ng #	56
57) Fluorene	10.42	166	497558	46.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	111496	37.88	ng #	54
59) Diethylphthalate	10.31	149	594763	45.06	ng	97
60) 4-Chlorophenyl-phenylether	10.41	204	206319	38.97	ng	93
61) 4-Nitroaniline	10.44	138	130089	39.80	ng	90
62) Azobenzene	10.57	77	511524	39.19	ng	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	18716	12.51	ng	82
65) n-Nitrosodiphenylamine	10.54	169	457420	49.83	ng	100
66) 4-Bromophenyl-phenylether	10.90	248	125083	42.14	ng #	84
67) Hexachlorobenzene	10.97	284	143789	46.62	ng #	76
68) Atrazine	11.06	200	110691	39.82	ng	92
69) Pentachlorophenol	11.16	266	149240	91.80	ng	100
70) Phenanthrene	11.38	178	666664	45.92	ng	99
71) Anthracene	11.43	178	593883	40.55	ng	99
72) Carbazole	11.59	167	626628	45.73	ng	99
73) Di-n-butylphthalate	11.93	149	788962	45.48	ng #	97
74) Fluoranthene	12.56	202	625979	40.86	ng	96
76) Benzidine	12.69	184	150796	27.99	ng	99
77) Pyrene	12.79	202	622045	43.09	ng	99
79) Butylbenzylphthalate	13.42	149	306689	48.05	ng #	81
80) Benzo(a)anthracene	13.98	228	535452	48.30	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	143410	48.10	ng #	95
82) Chrysene	14.02	228	545256	52.28	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	420401	54.11	ng #	97
84) Di-n-octyl phthalate	14.59	149	727339	57.61	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	413661	42.69	ng #	100
87) Benzo(b)fluoranthene	15.04	252	925107	76.67	ng	99
88) Benzo(k)fluoranthene	15.04	252	925107	101.64	ng #	95
89) Benzo(a)pyrene	15.36	252	413390	42.35	ng #	94
90) Dibenzo(a,h)anthracene	16.82	278	345960	38.16	ng	99
91) Benzo(g,h,i)perylene	17.22	276	339338	36.38	ng	98

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087839.D
Acq On : 9 Jun 2016 7:43
Operator : UM/SJ
Sample : H3405-02MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Quant Time: Jun 09 08:33:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

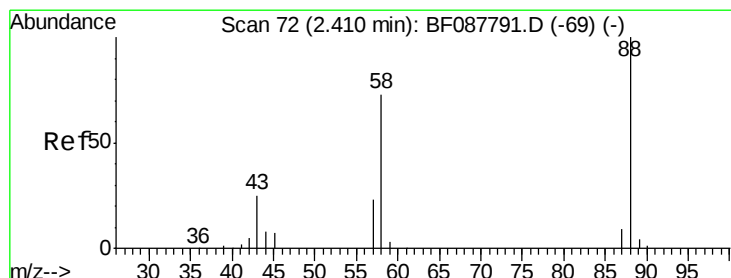
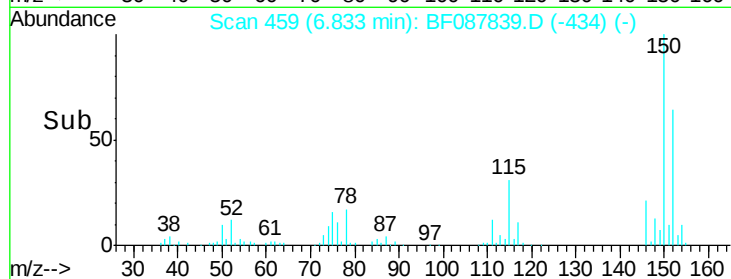
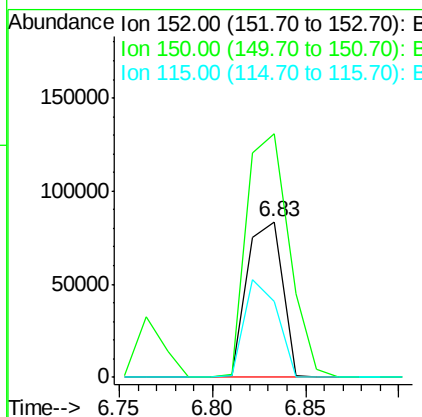
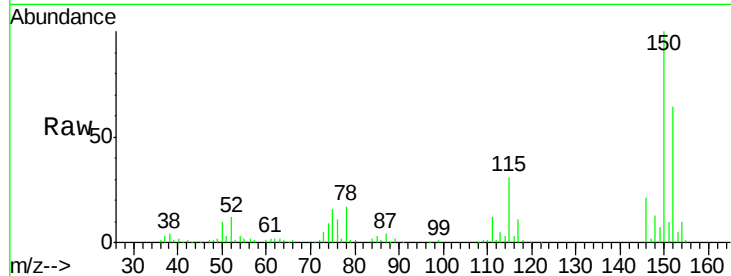




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

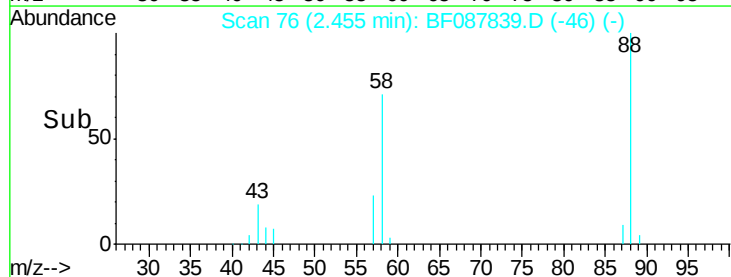
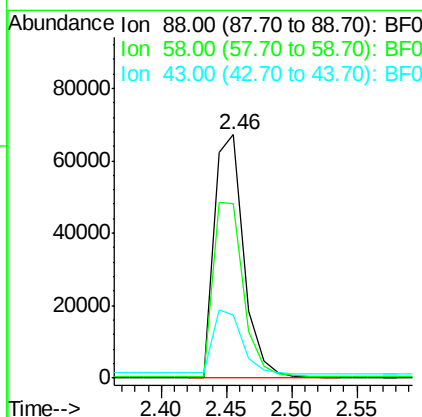
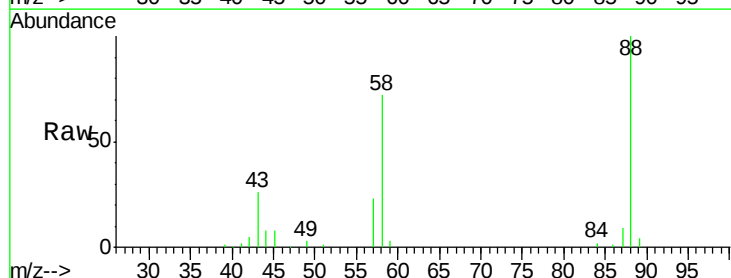
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

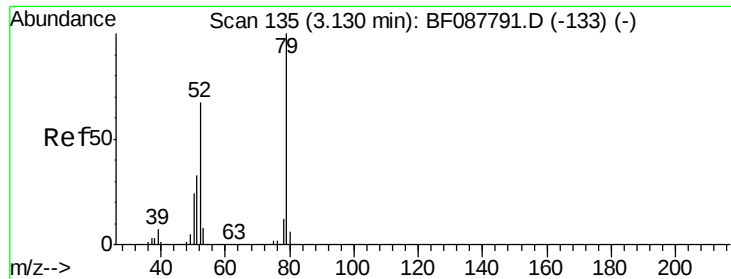
Tgt Ion:152 Resp: 110042
 Ion Ratio Lower Upper
 152 100
 150 156.6 123.8 185.6
 115 49.1 39.6 59.4



#2
 1,4-Dioxane
 Concen: 33.97 ng
 RT: 2.46 min Scan# 76
 Delta R.T. 0.05 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion: 88 Resp: 106251
 Ion Ratio Lower Upper
 88 100
 58 73.7 0.0 0.0#
 43 26.2 3.4 5.2#





#3

Pyridine

Concen: 42.58 ng

RT: 3.19 min Scan# 140

Delta R.T. 0.06 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

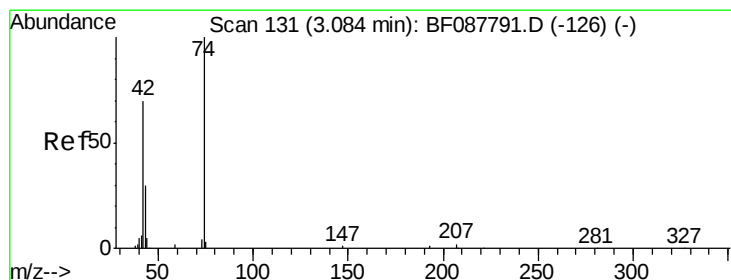
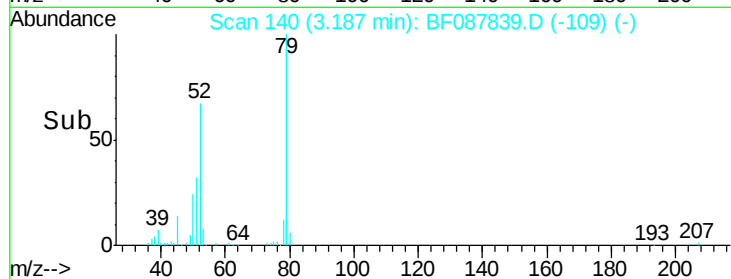
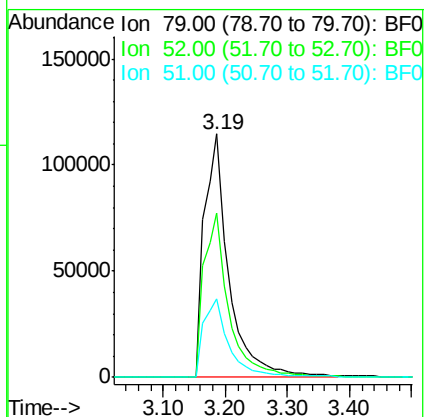
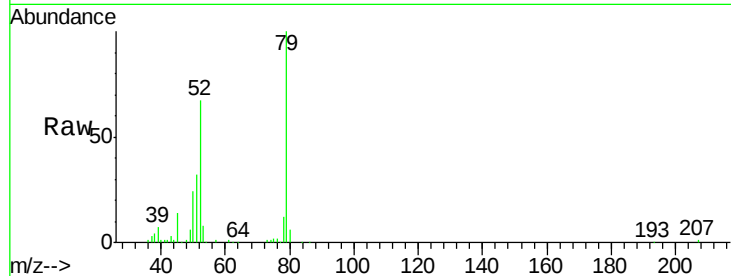
Tgt Ion: 79 Resp: 314468

Ion Ratio Lower Upper

79 100

52 67.4 56.3 84.5

51 32.4 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 46.96 ng

RT: 3.11 min Scan# 133

Delta R.T. 0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

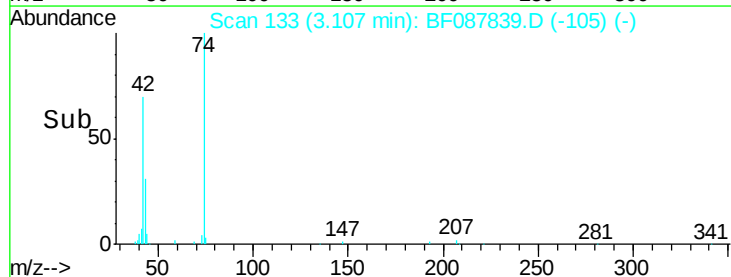
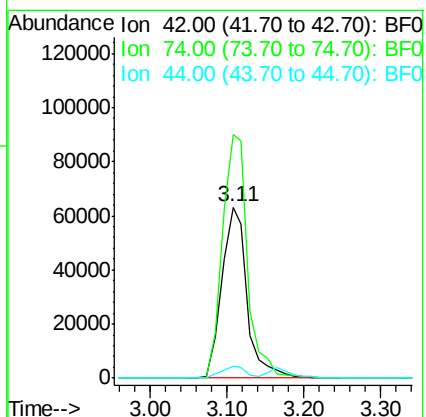
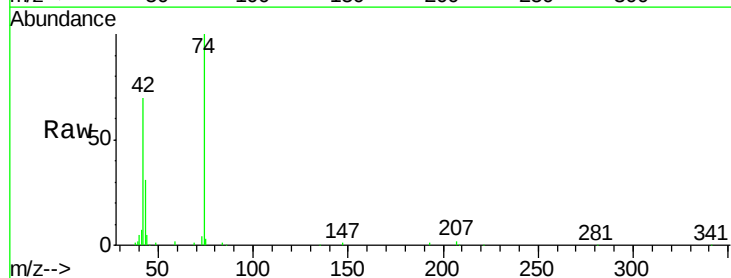
Tgt Ion: 42 Resp: 146857

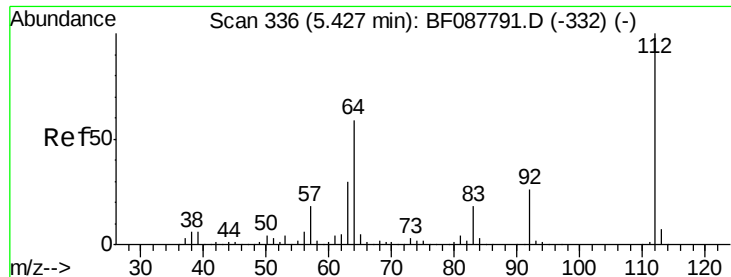
Ion Ratio Lower Upper

42 100

74 142.7 108.6 163.0

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 146.48 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

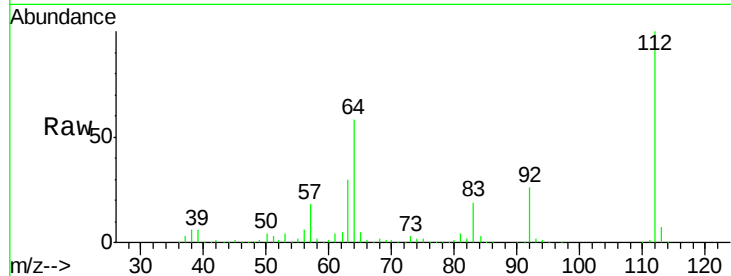
Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

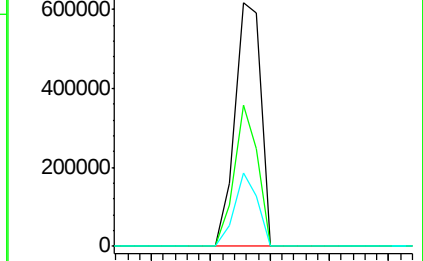
Tgt Ion:	112	Resp:	942852
Ion	Ratio	Lower	Upper
112	100		
64	57.8	42.2	63.2
63	30.2	21.8	32.8



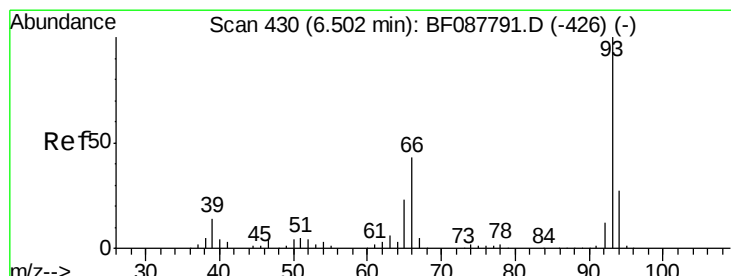
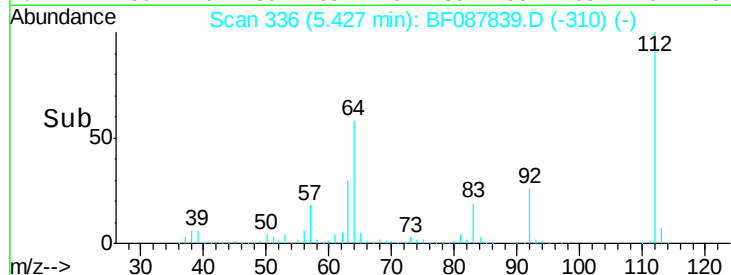
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 23.20 ng

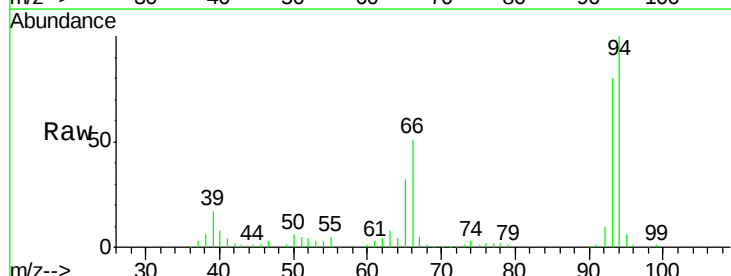
RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

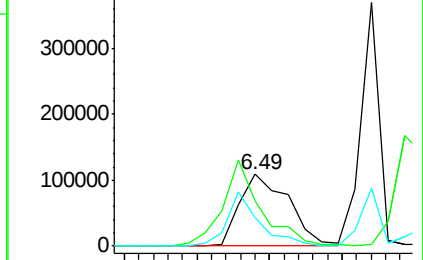
Tgt Ion:	93	Resp:	257577
Ion	Ratio	Lower	Upper
93	100		
66	63.2	29.8	44.8#
65	39.8	14.9	22.3#



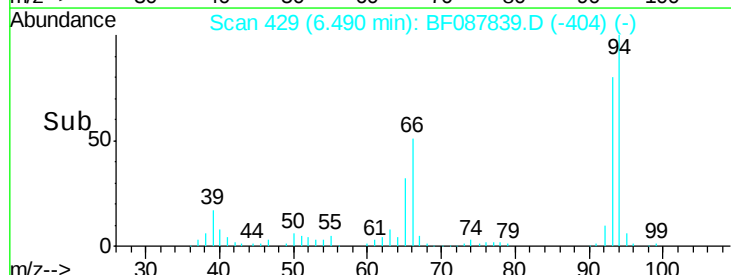
Abundance Ion 93.00 (92.70 to 93.70): BF0

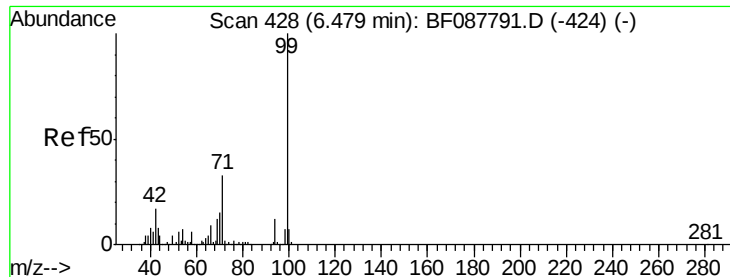
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 146.87 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

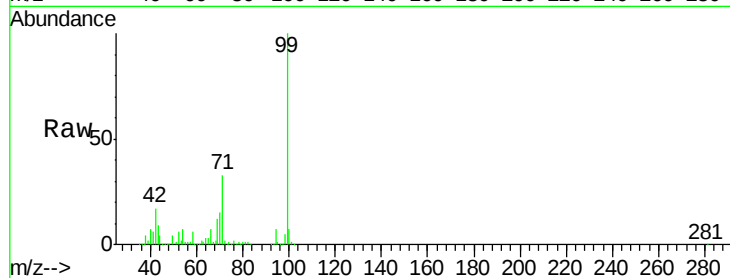
BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tgt Ion: 99 Resp: 1145767

Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.2	18.2
71	33.4	23.4	35.0

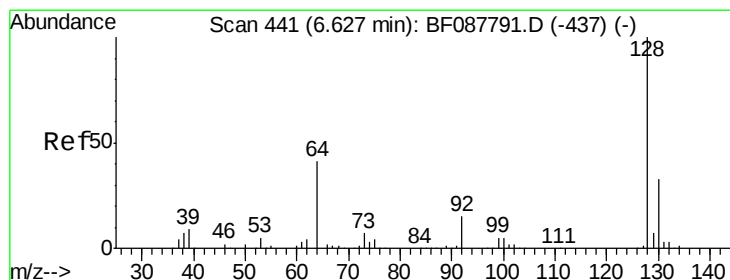
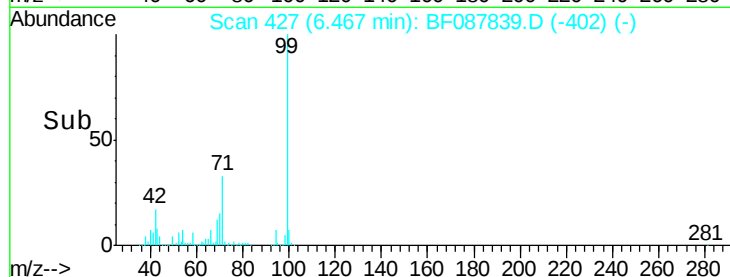
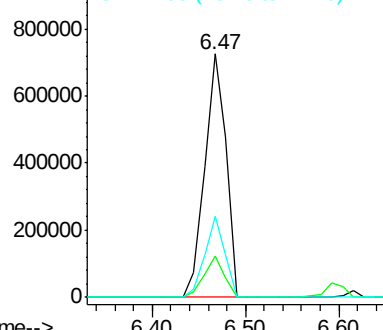


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.45 ng

RT: 6.62 min Scan# 440

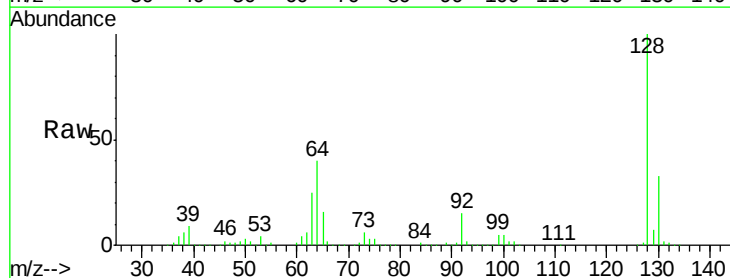
Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion: 128 Resp: 346256

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.0	52.0
64	40.1	30.8	70.8

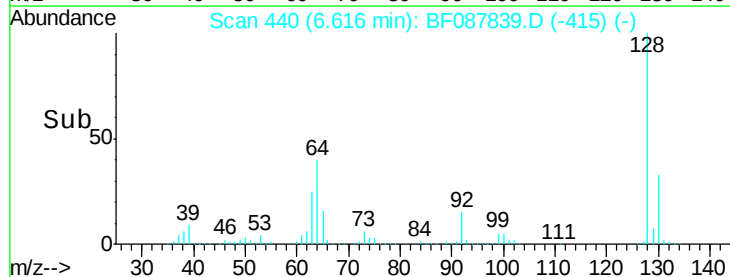
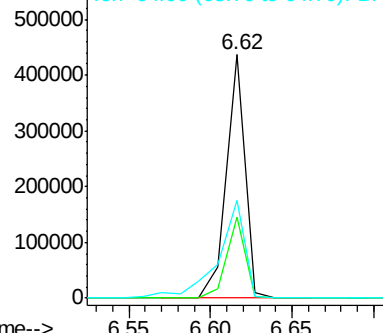


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.58 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

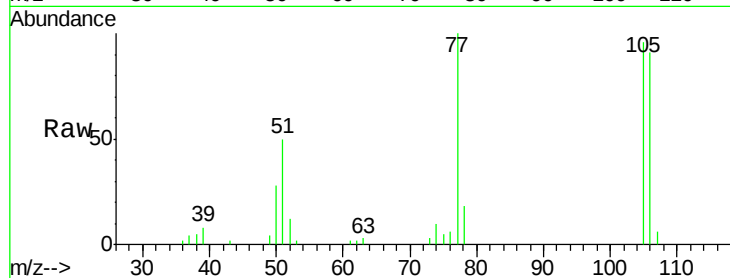
Tgt Ion: 77 Resp: 21015

Ion Ratio Lower Upper

77 100

105 96.2 90.6 130.6

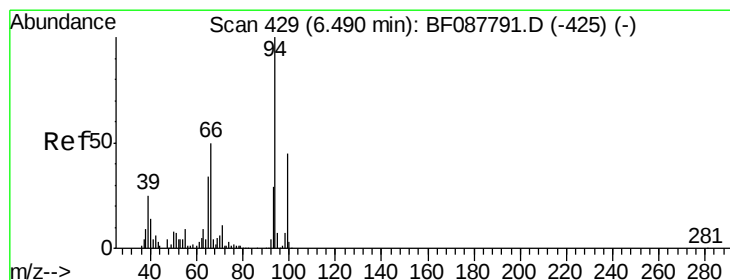
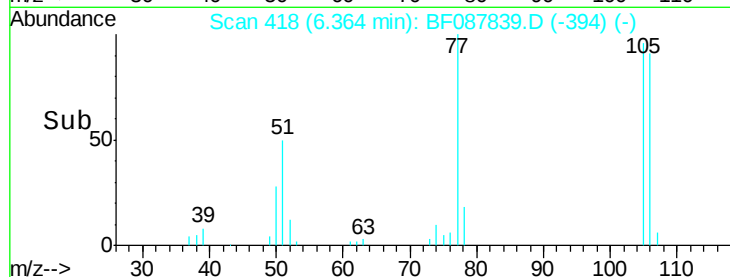
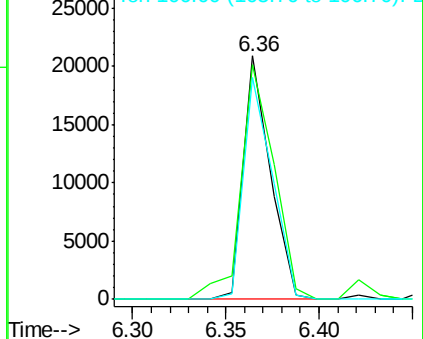
106 91.2 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.85 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

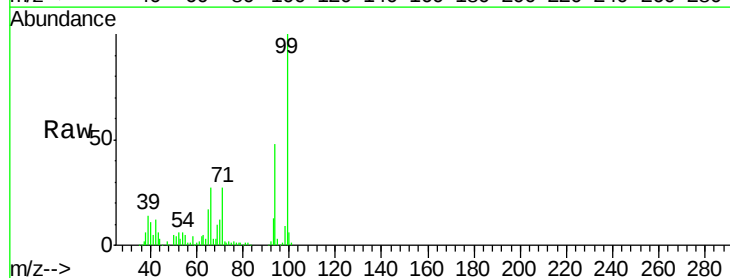
Tgt Ion: 94 Resp: 300471

Ion Ratio Lower Upper

94 100

65 35.6 5.9 45.9

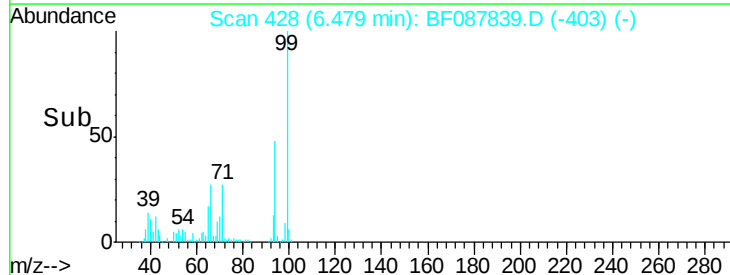
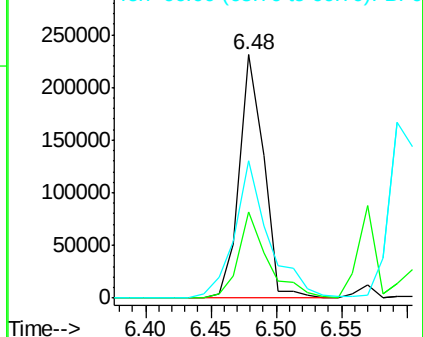
66 56.7 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

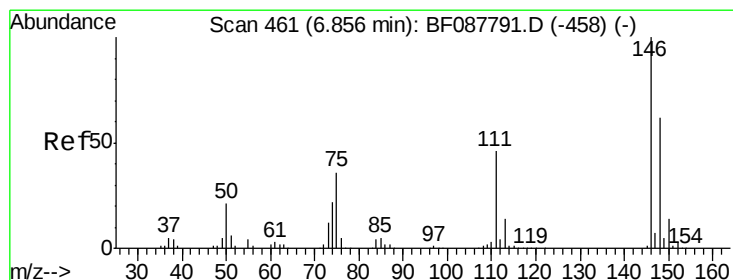
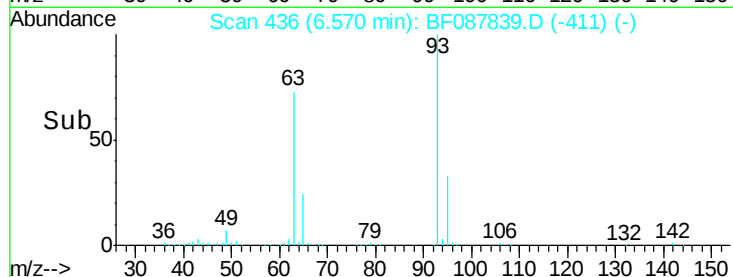
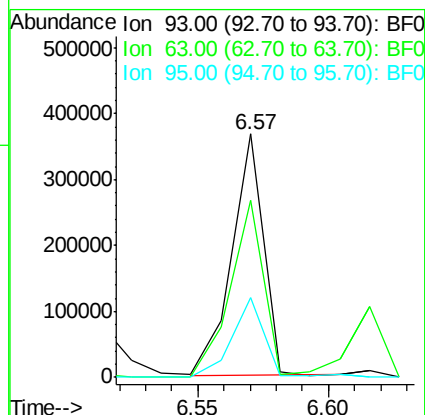
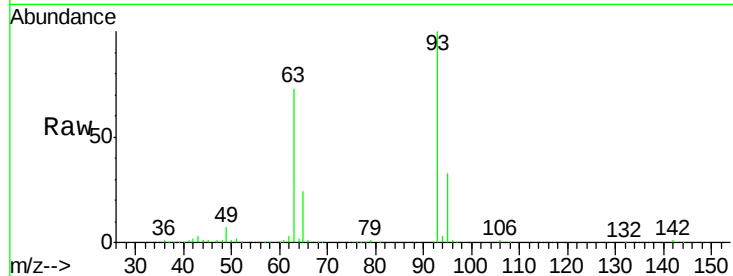




#11
bis(2-Chloroethyl)ether
Concen: 45.66 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

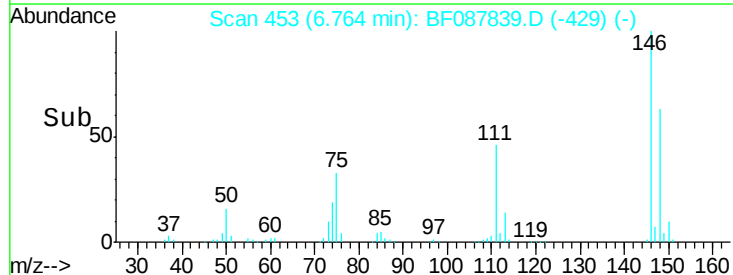
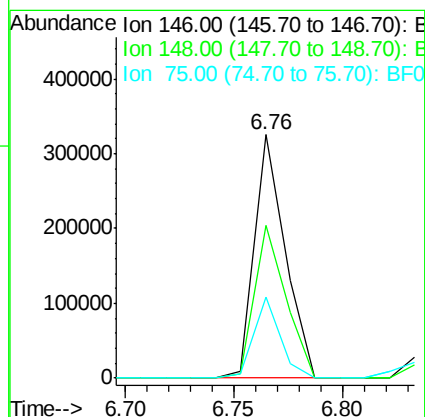
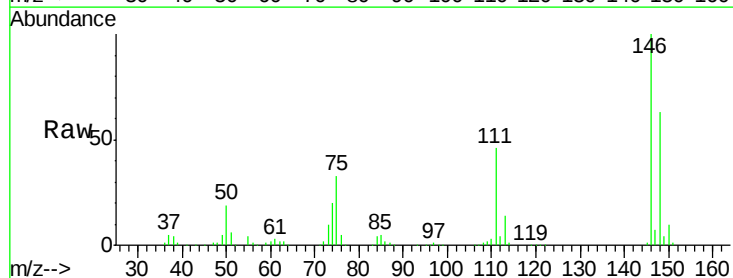
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tgt Ion: 93 Resp: 312346
Ion Ratio Lower Upper
93 100
63 72.9 67.6 107.6
95 32.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 39.12 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion: 146 Resp: 319796
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
75 33.2 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 41.20 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

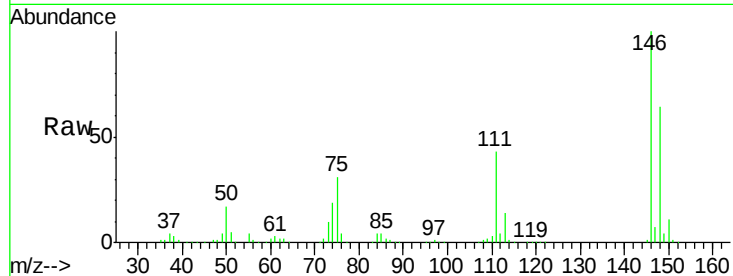
Tgt Ion:146 Resp: 339234

Ion Ratio Lower Upper

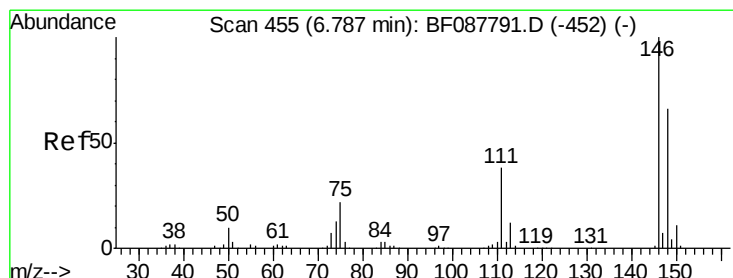
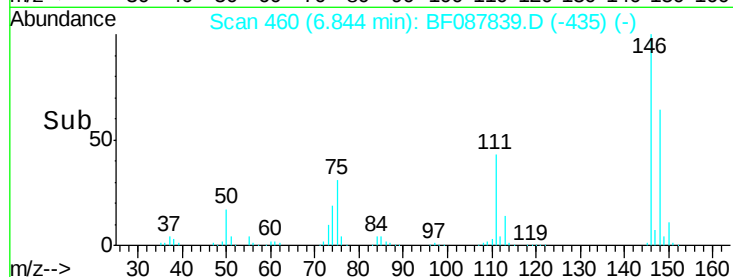
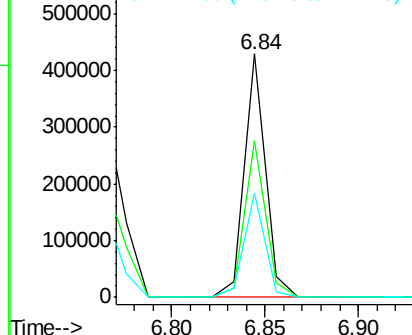
146 100

148 64.1 52.0 78.0

111 42.5 33.8 50.8



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



#14

1,2-Dichlorobenzene

Concen: 41.99 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

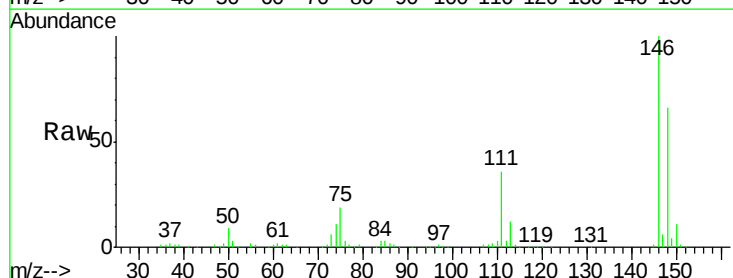
Tgt Ion:146 Resp: 314489

Ion Ratio Lower Upper

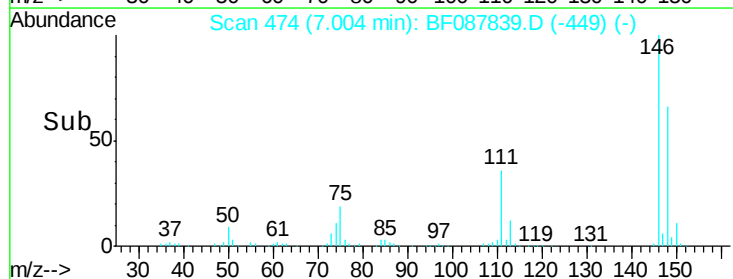
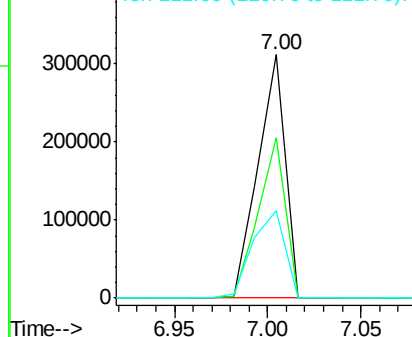
146 100

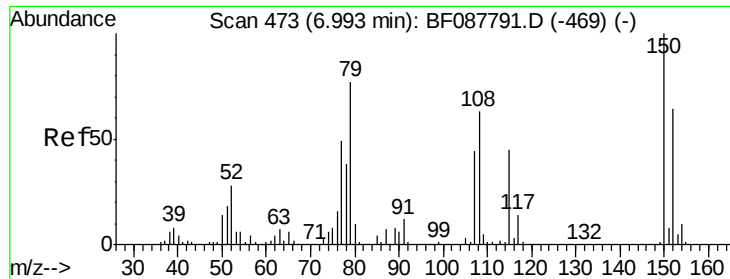
148 65.8 52.3 78.5

111 35.8 28.7 43.1



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

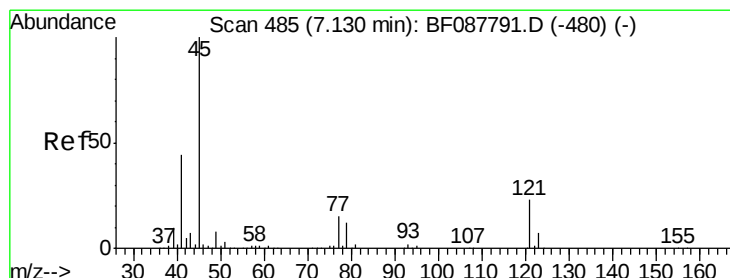
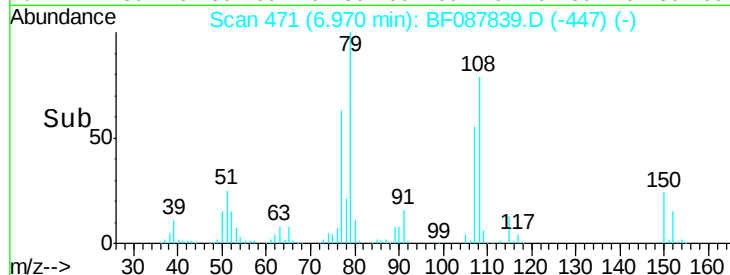
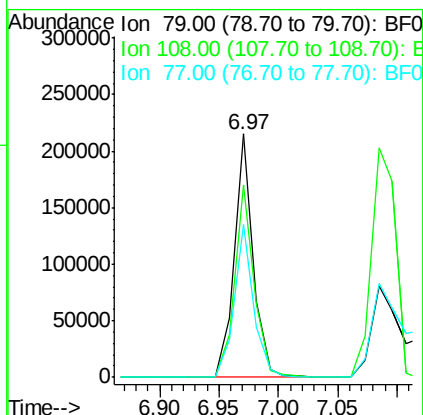
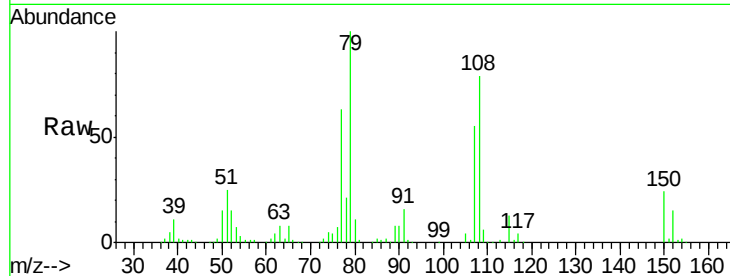




#15
Benzyl Alcohol
Concen: 39.12 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

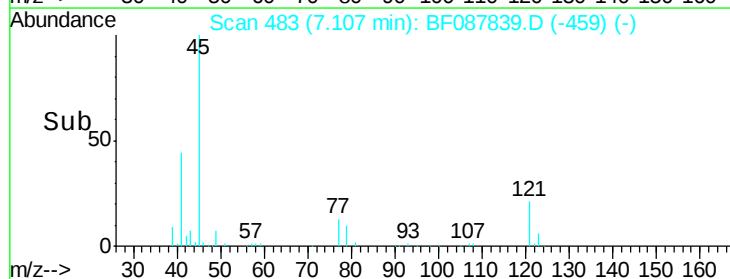
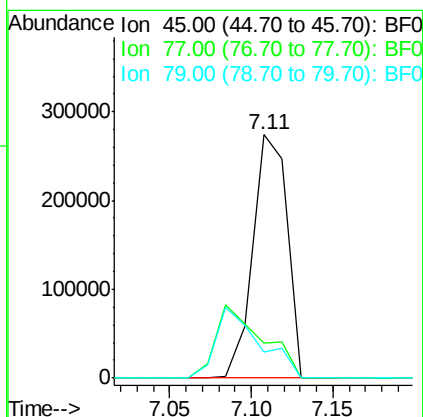
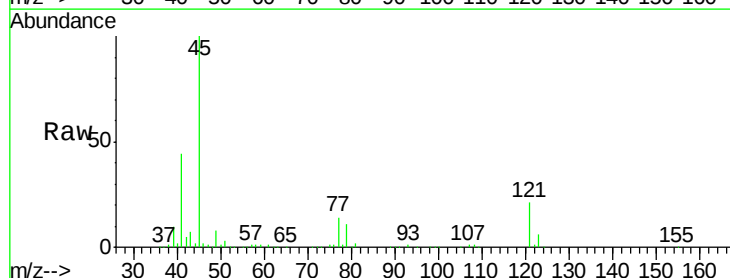
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

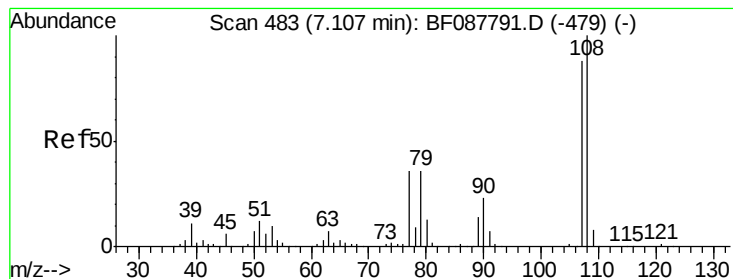
Tgt Ion: 79 Resp: 238735
Ion Ratio Lower Upper
79 100
108 79.2 65.0 97.6
77 62.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.18 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion: 45 Resp: 399030
Ion Ratio Lower Upper
45 100
77 14.3 0.0 32.5
79 10.8 0.0 29.5





#17

2-Methylphenol

Concen: 40.88 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tgt Ion:107 Resp: 252590

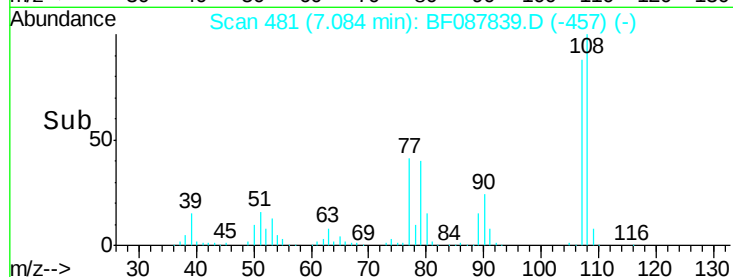
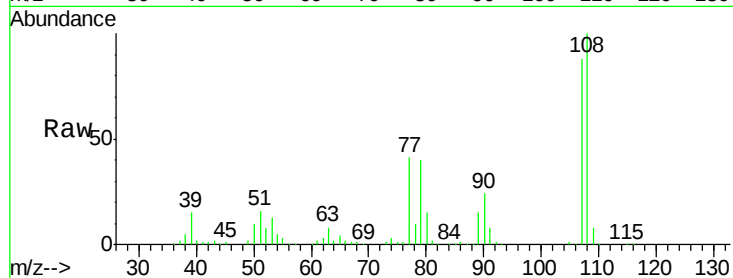
Ion Ratio Lower Upper

107 100

108 113.8 90.9 136.3

77 46.3 36.6 55.0

79 45.1 36.5 54.7

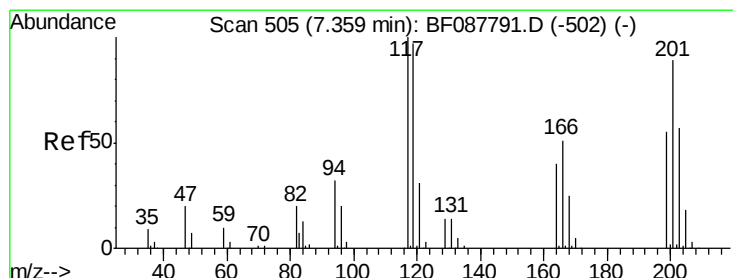
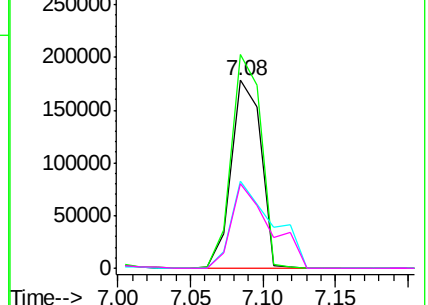


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.53 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

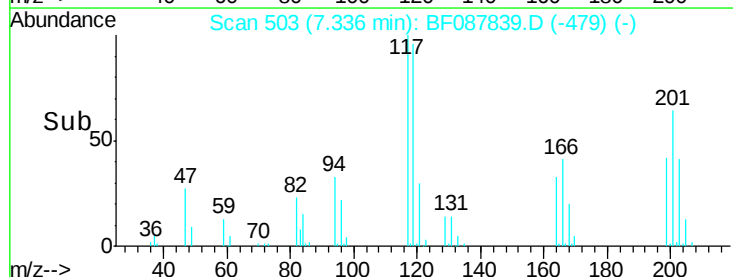
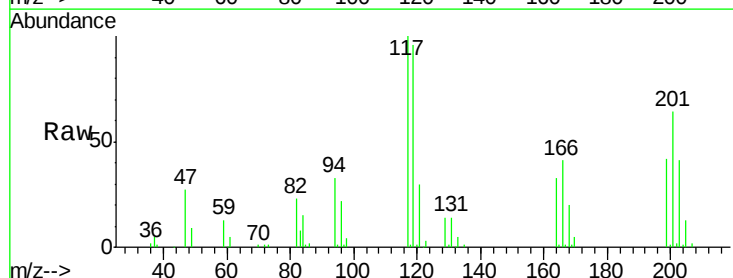
Tgt Ion:117 Resp: 100901

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.2

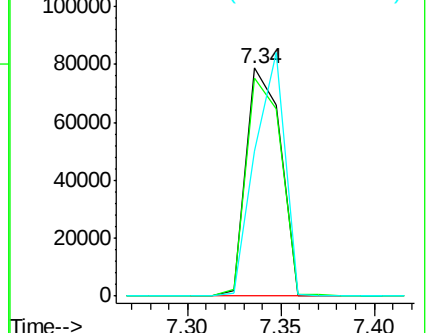
201 63.8 80.4 120.6#

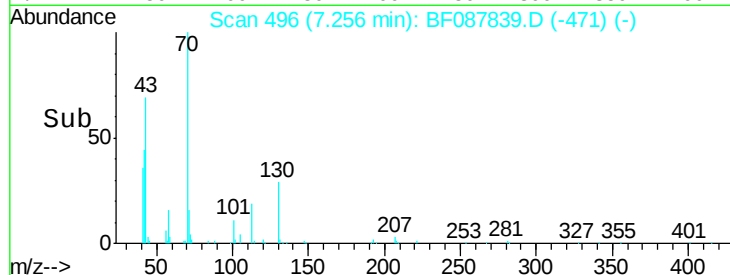
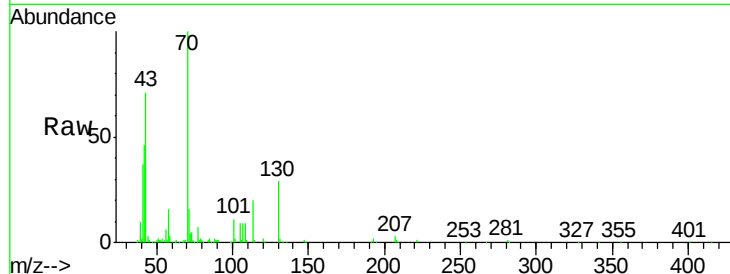
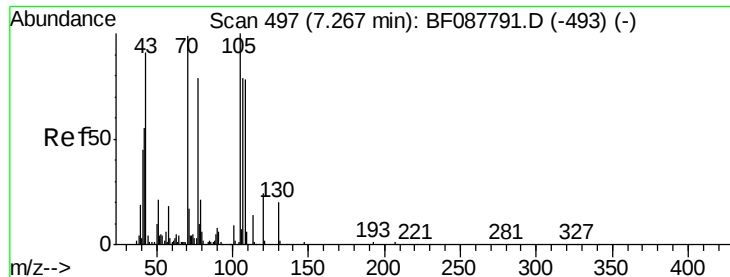


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

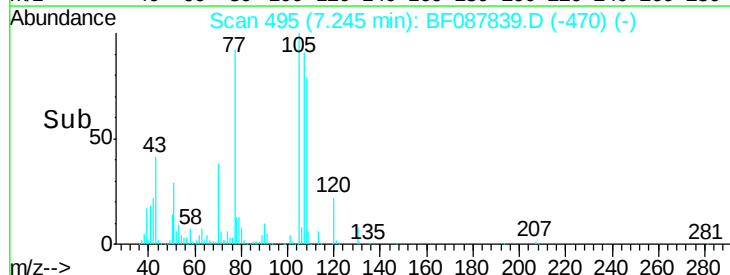
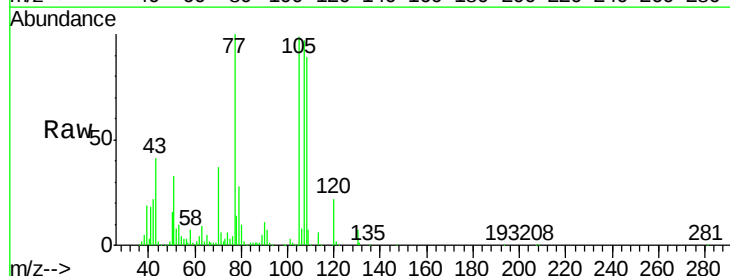
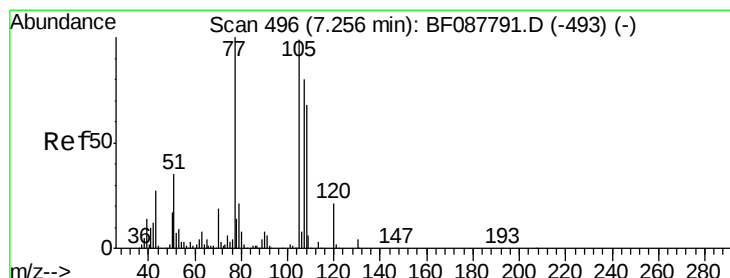
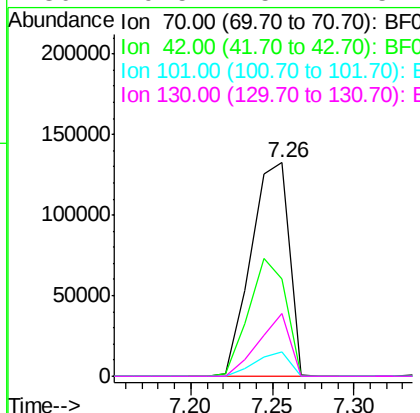




#19
n-Nitroso-di-n-propylamine
Concen: 43.18 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

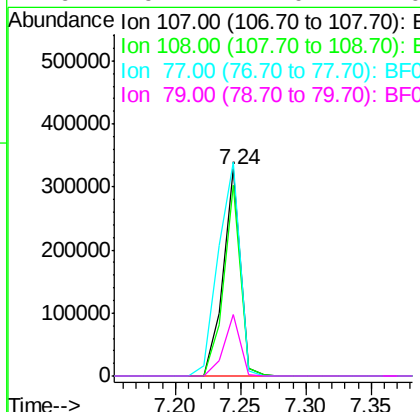
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

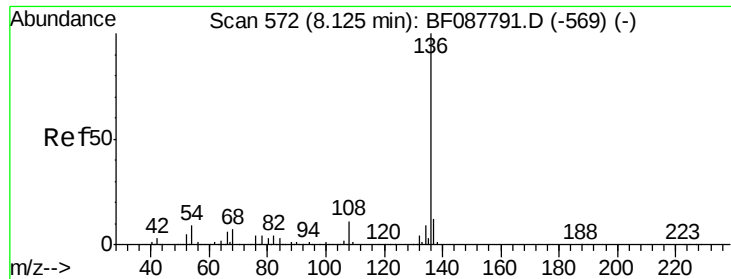
Tgt Ion:	70	Resp:	215505
Ion	Ratio	Lower	Upper
70	100		
42	45.7	49.6	74.4#
101	11.3	7.1	10.7#
130	29.5	15.4	23.2#



#20
3+4-Methylphenols
Concen: 42.25 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion:	107	Resp:	304593
Ion	Ratio	Lower	Upper
107	100		
108	92.2	67.8	107.8
77	103.2	59.3	99.3#
79	29.4	7.0	47.0

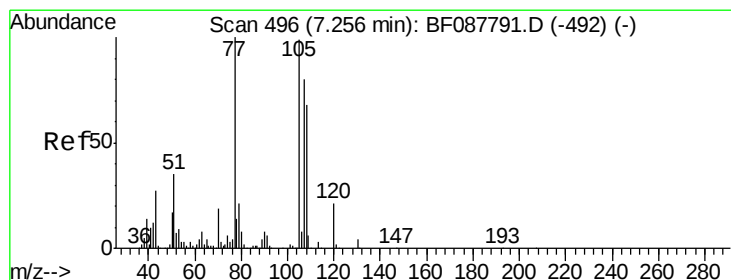
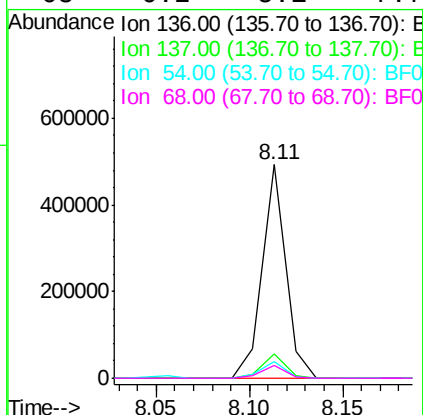
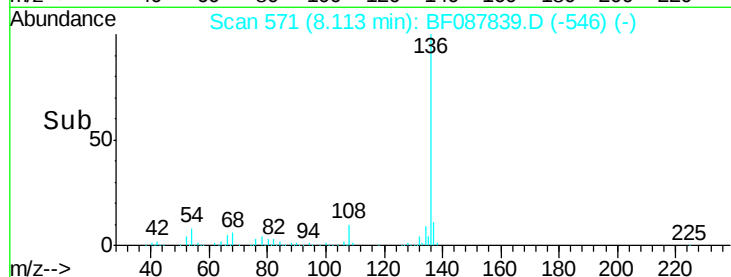
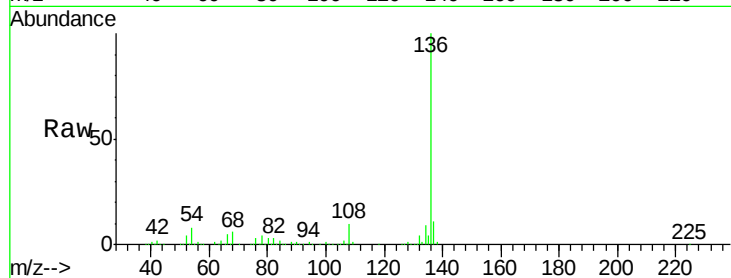




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

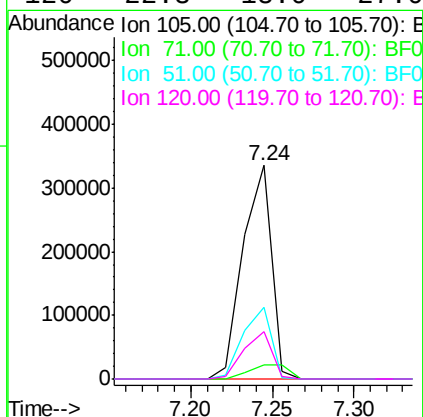
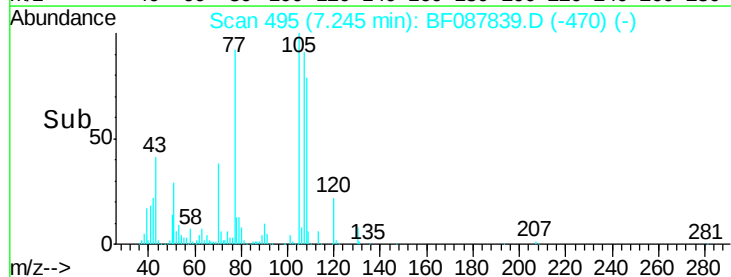
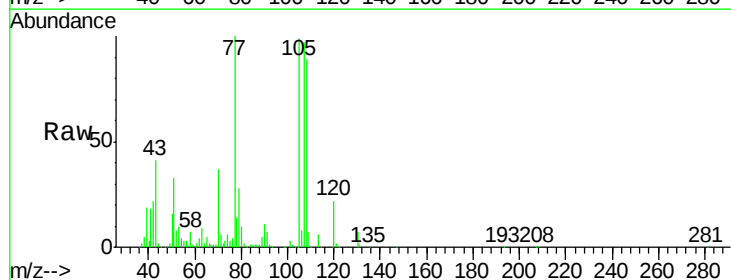
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

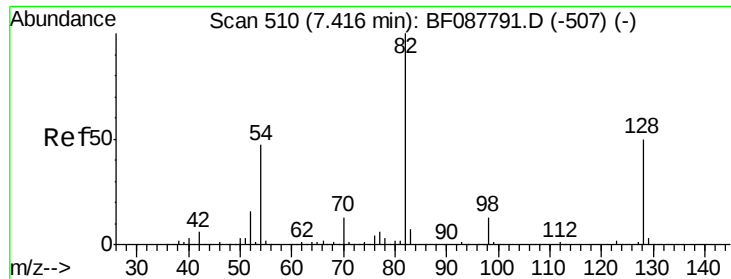
Tgt Ion:	136	Resp:	428132
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	7.8	6.6	10.0
68	6.2	5.1	7.7



#22
Acetophenone
Concen: 42.55 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion:	105	Resp:	407112
Ion Ratio	Lower	Upper	
105	100		
71	6.5	5.3	7.9
51	33.4	18.2	27.4#
120	22.3	18.0	27.0

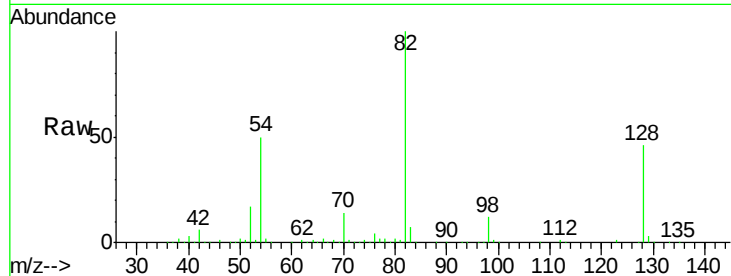




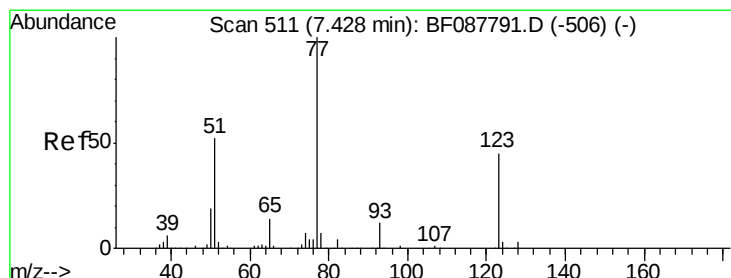
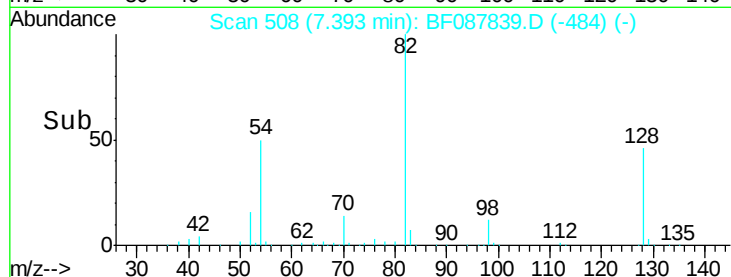
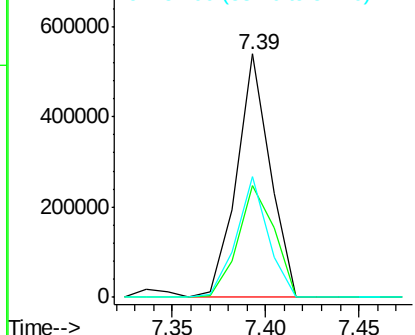
#23
 Nitrobenzene-d5
 Concen: 91.50 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tgt Ion: 82 Resp: 670847
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.9 53.9
 54 49.5 40.9 61.3

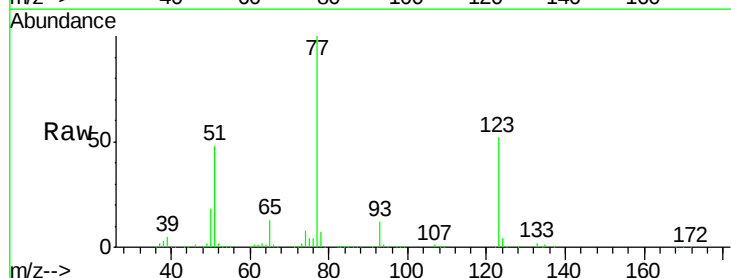


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

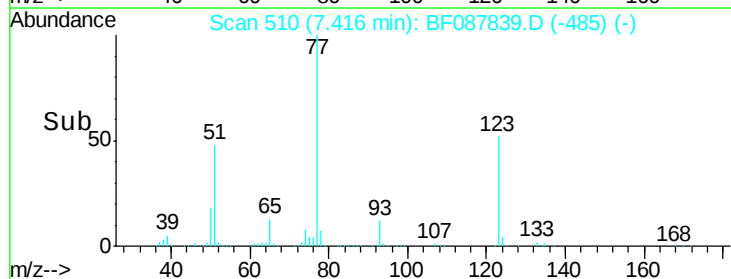
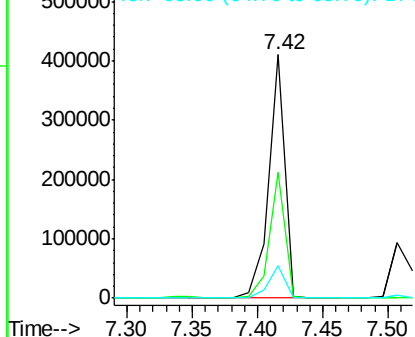


#24
 Nitrobenzene
 Concen: 49.78 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion: 77 Resp: 353520
 Ion Ratio Lower Upper
 77 100
 123 51.7 45.0 67.4
 65 13.2 10.2 15.2



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





#25

Isophorone

Concen: 43.84 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

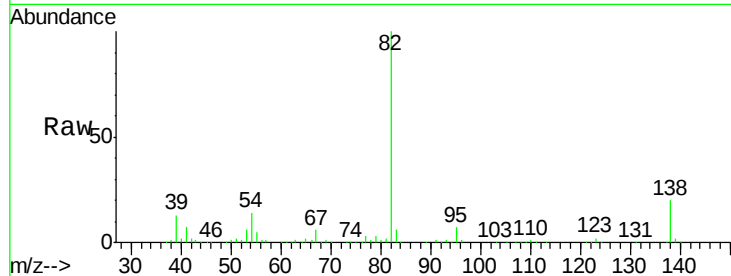
Tgt Ion: 82 Resp: 595414

Ion Ratio Lower Upper

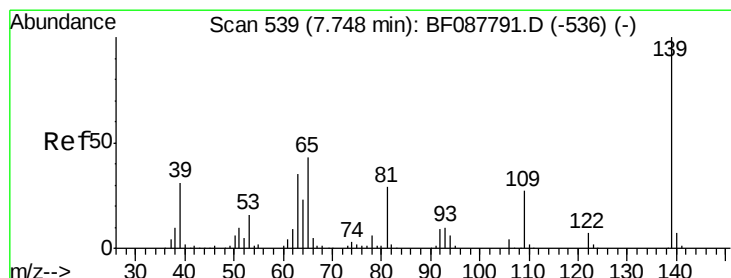
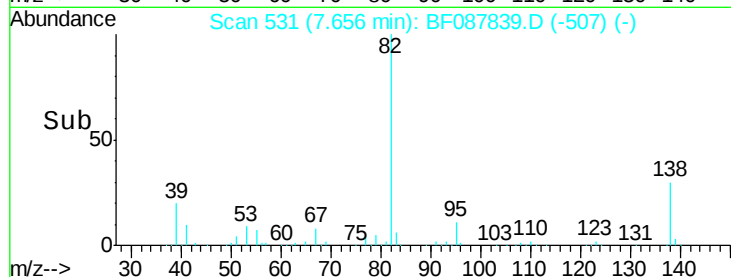
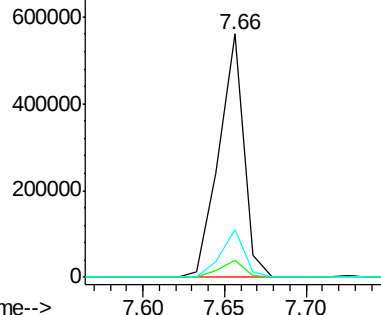
82 100

95 7.1 5.4 8.2

138 19.8 14.6 21.8



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



#26

2-Nitrophenol

Concen: 39.65 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

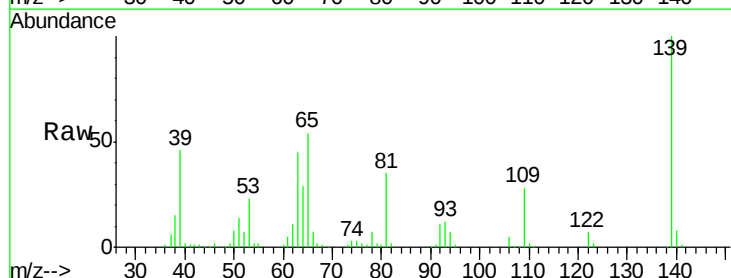
Tgt Ion: 139 Resp: 150857

Ion Ratio Lower Upper

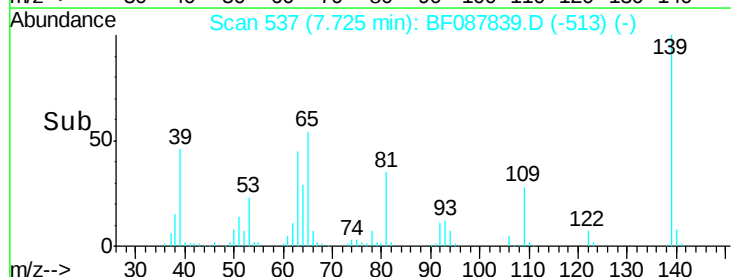
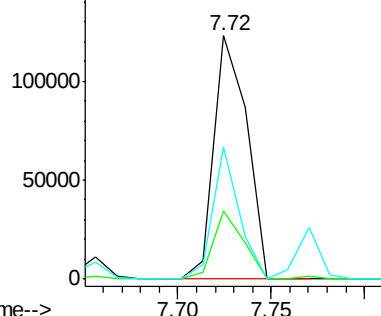
139 100

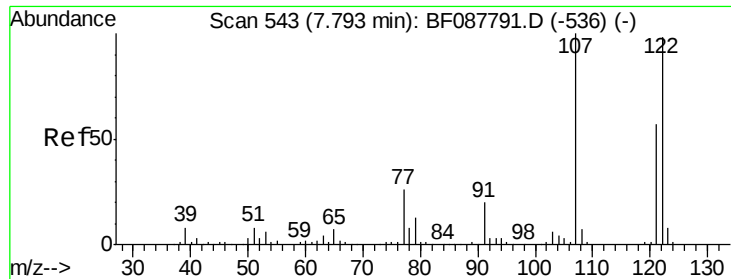
109 28.0 23.0 34.4

65 54.4 45.8 68.8



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

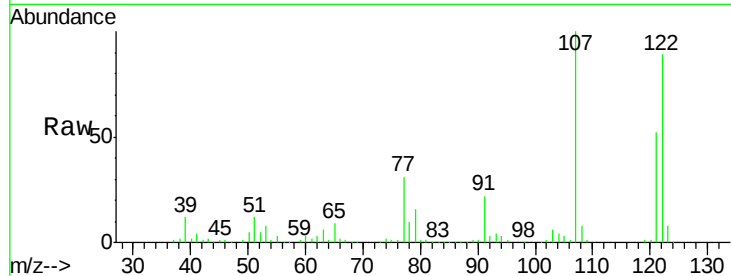




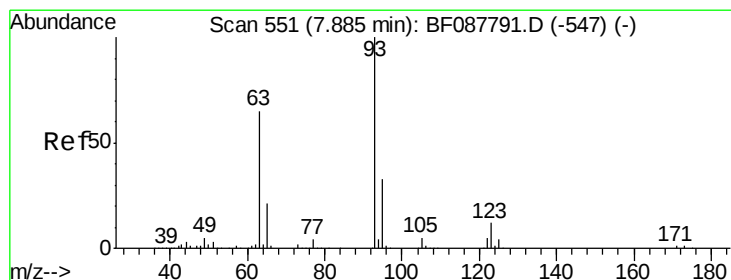
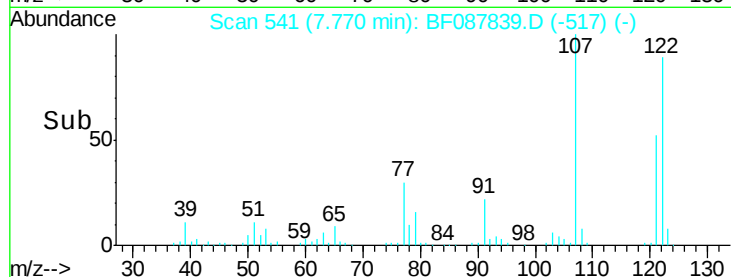
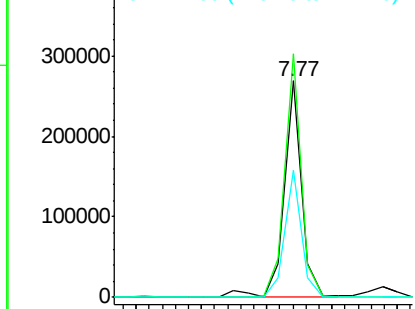
#27
 2,4-Dimethylphenol
 Concen: 36.39 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tgt Ion:122 Resp: 254928
 Ion Ratio Lower Upper
 122 100
 107 112.4 82.4 123.6
 121 58.4 46.3 69.5

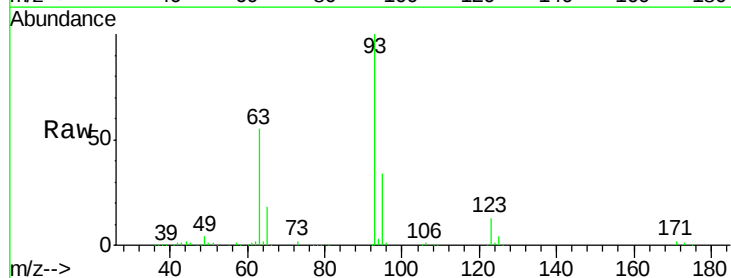


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

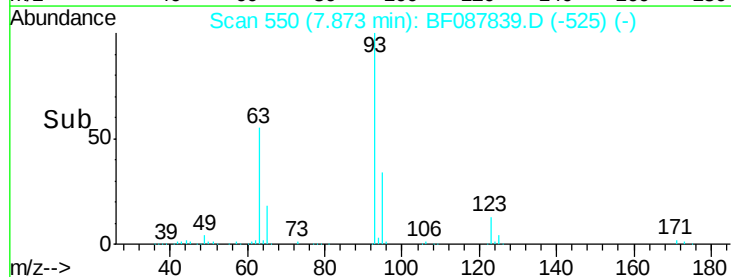
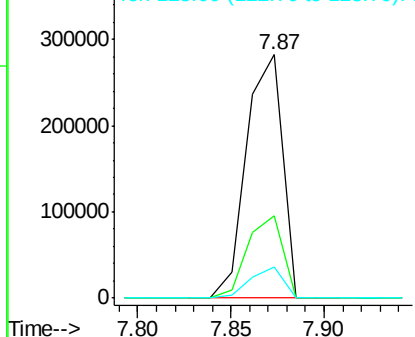


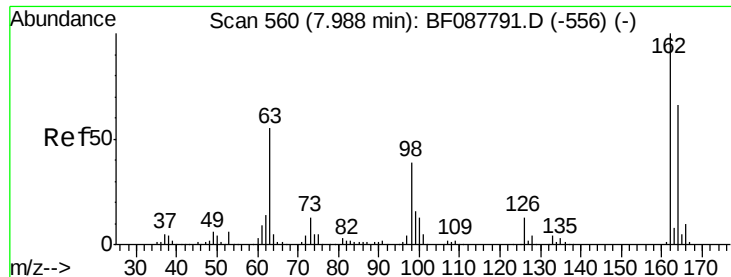
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.71 ng
 RT: 7.87 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion: 93 Resp: 376631
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.5 39.7
 123 12.9 11.6 17.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

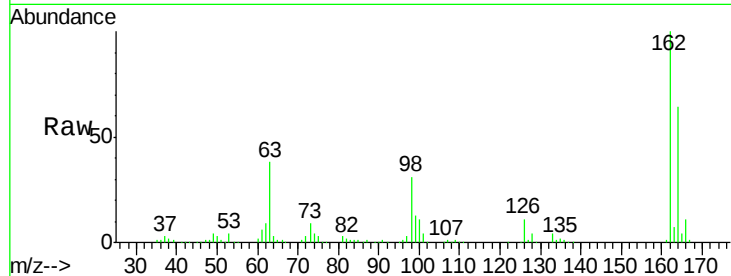




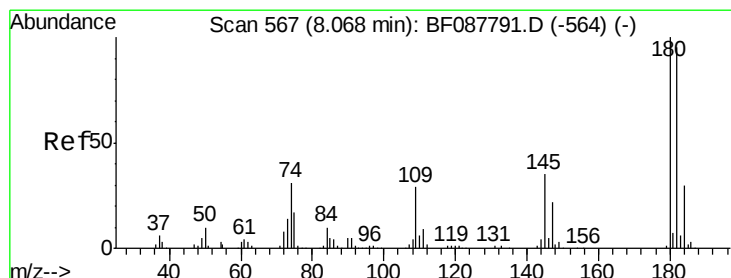
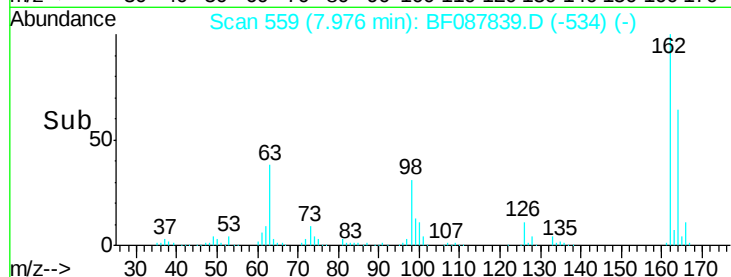
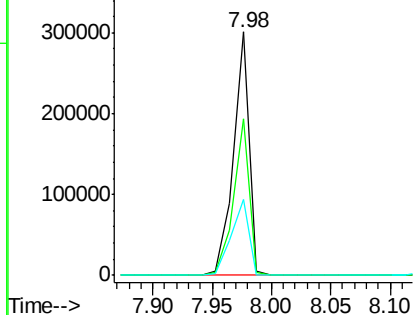
#29
 2,4-Dichlorophenol
 Concen: 47.25 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.8	83.8
98	31.1	21.3	61.3

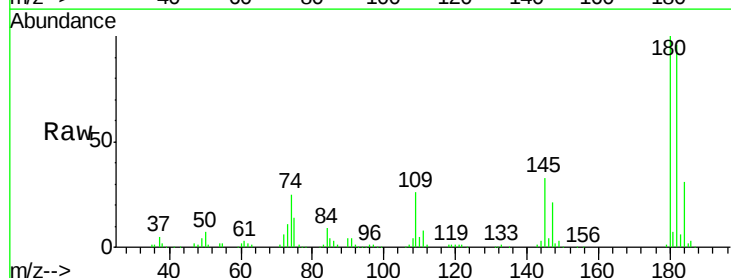


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

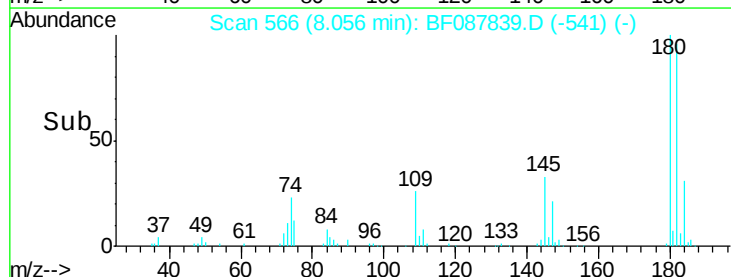
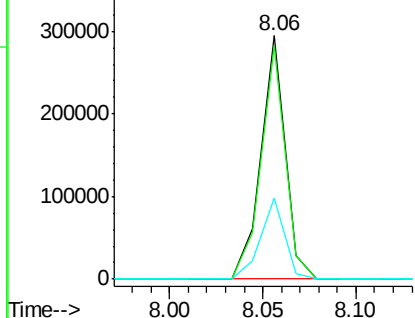


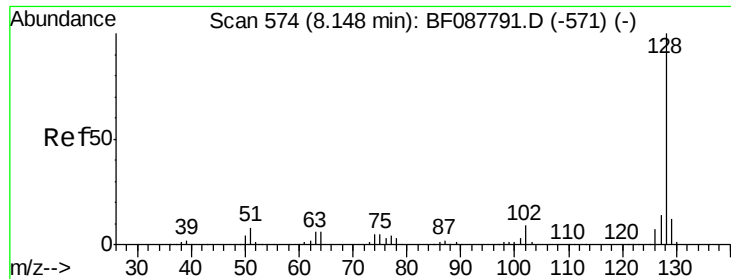
#30
 1,2,4-Trichlorobenzene
 Concen: 41.46 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.0	114.0
145	33.1	26.5	39.7



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

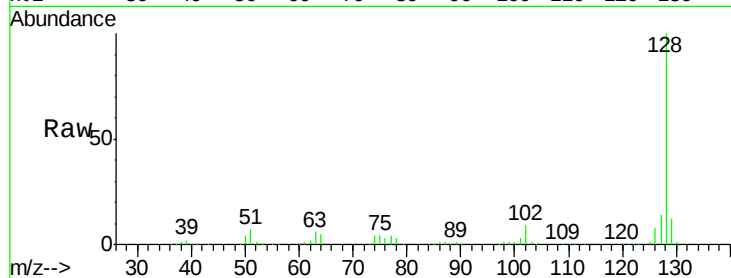




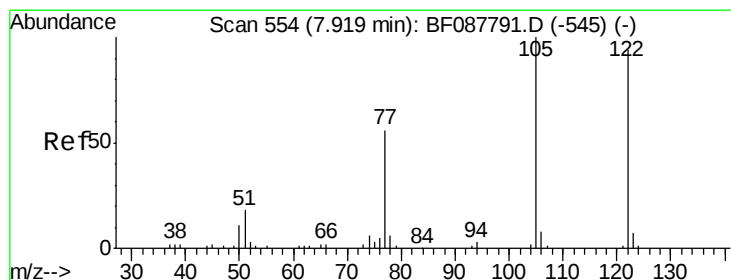
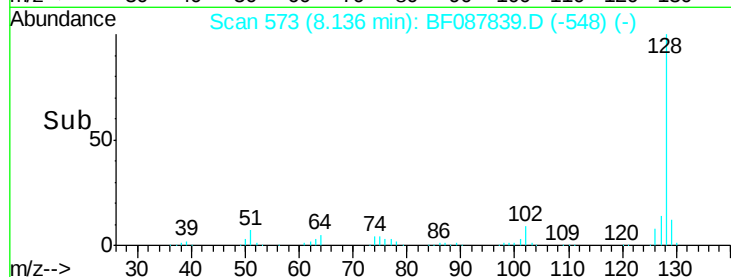
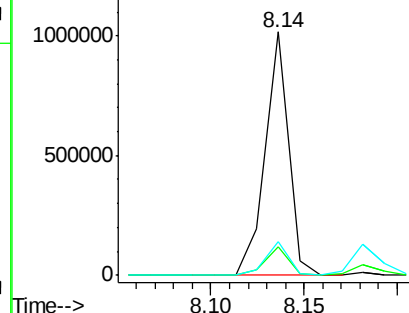
#31
Naphthalene
Concen: 41.40 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tgt Ion:128 Resp: 877153
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.6 10.9 16.3

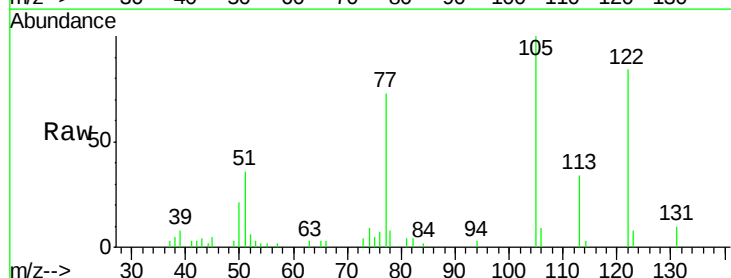


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

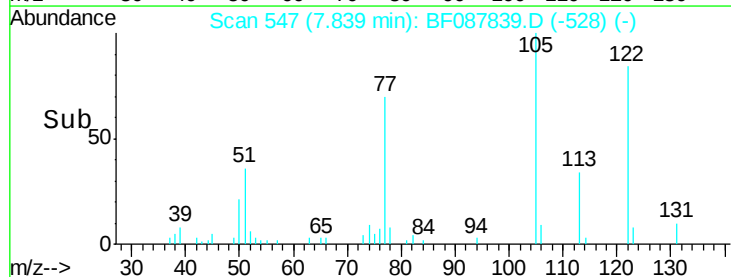
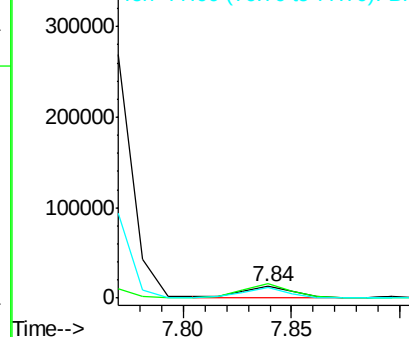


#32
Benzoic acid
Concen: 5.01 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.08 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion:122 Resp: 19340
Ion Ratio Lower Upper
122 100
105 118.4 101.6 141.6
77 87.0 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

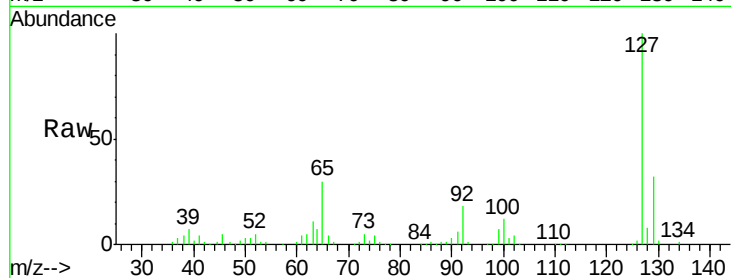




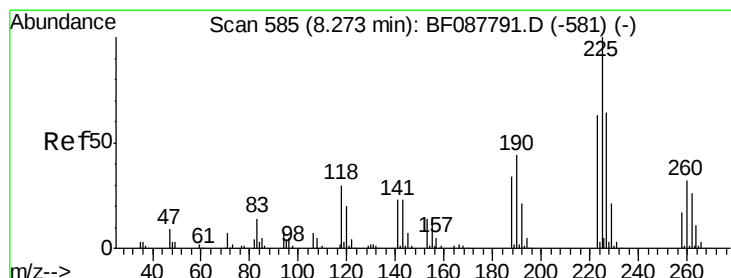
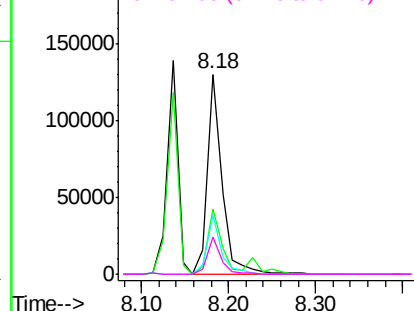
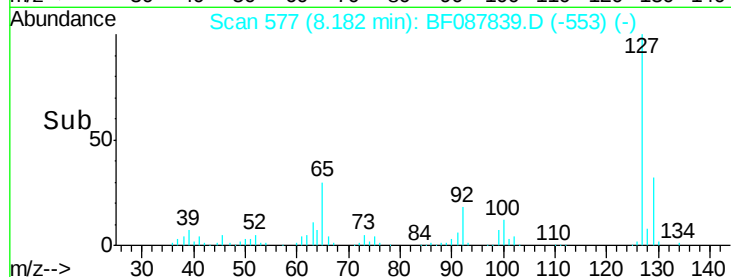
#33
4-Chloroaniline
Concen: 15.93 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tgt Ion:	127	Resp:	150702
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	29.8	24.7	37.1
92	18.3	15.4	23.0

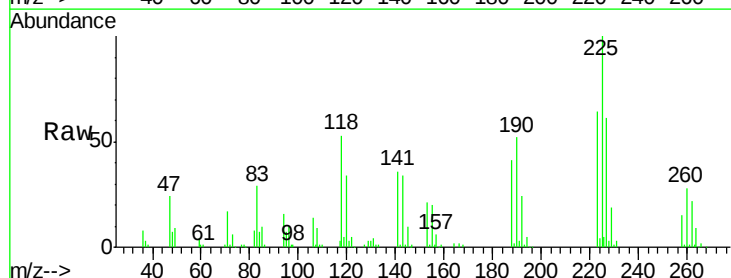


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

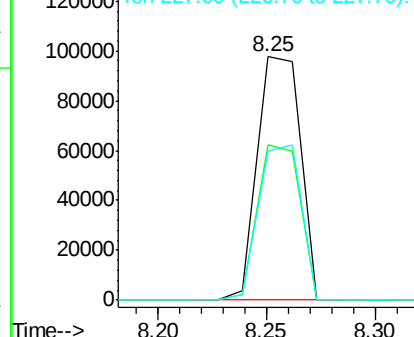
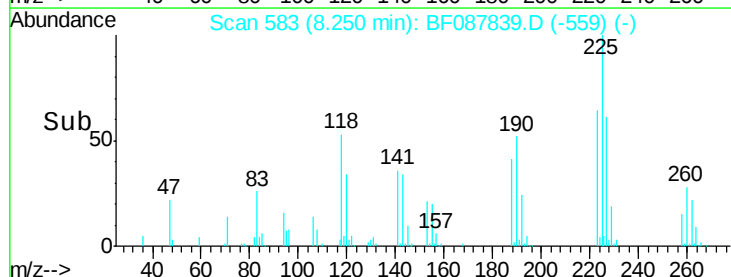


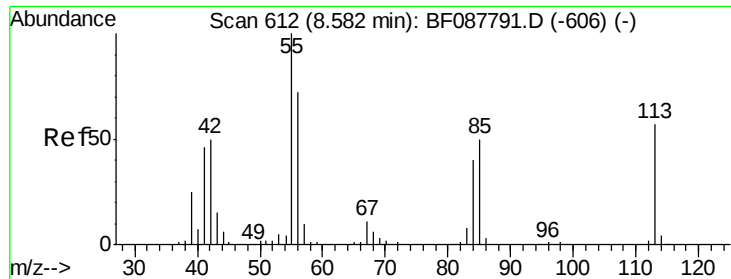
#34
Hexachlorobutadiene
Concen: 40.28 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion:	225	Resp:	135296
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.9	76.3
227	61.0	51.9	77.9



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

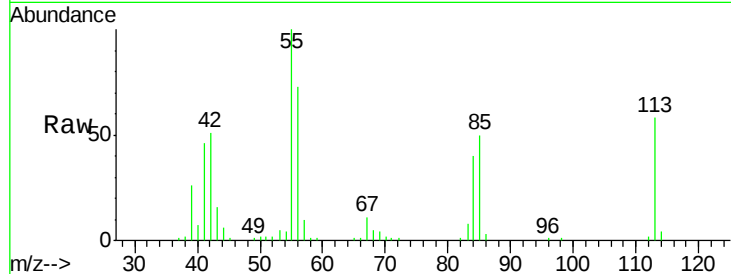




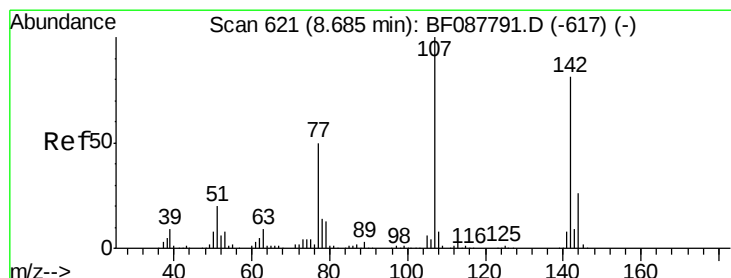
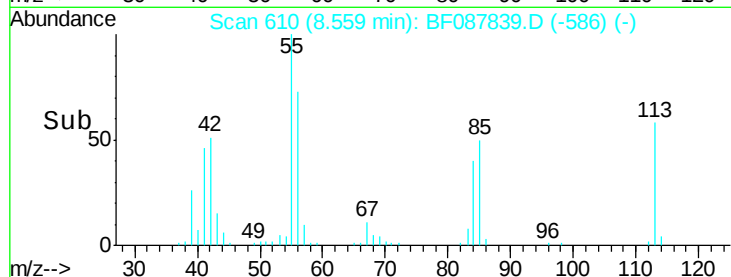
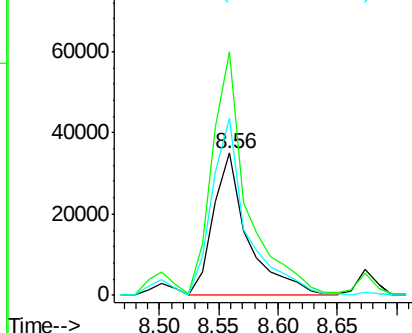
#35
 Caprolactam
 Concen: 37.14 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tgt Ion:113 Resp: 71953
 Ion Ratio Lower Upper
 113 100
 55 171.1 158.6 198.6
 56 124.5 110.6 150.6

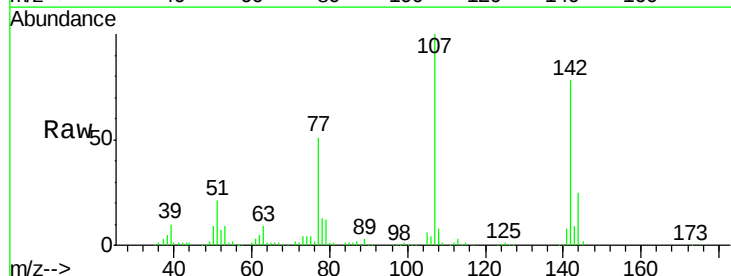


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

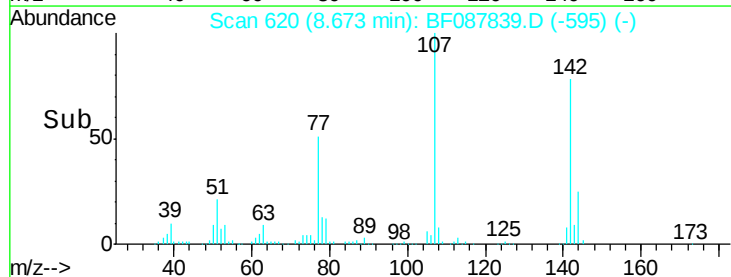
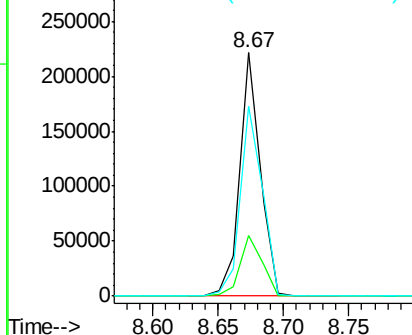


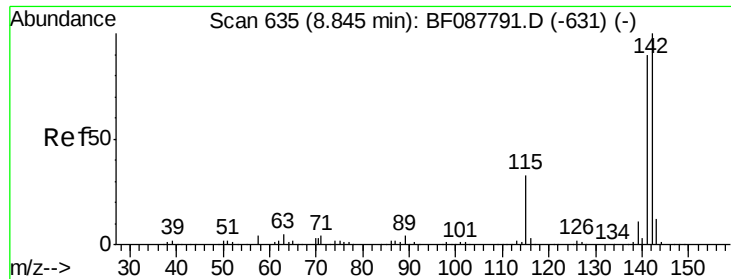
#36
 4-Chloro-3-methylphenol
 Concen: 38.49 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion:107 Resp: 240757
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.8 31.2
 142 77.9 63.4 95.2



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

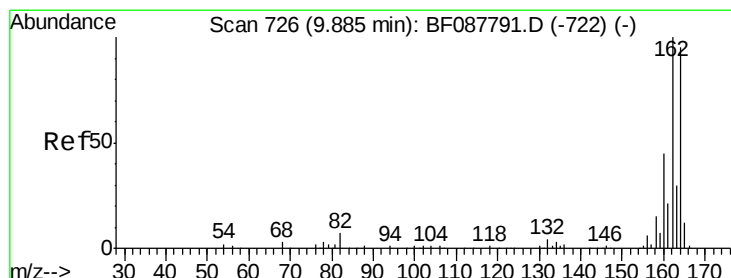
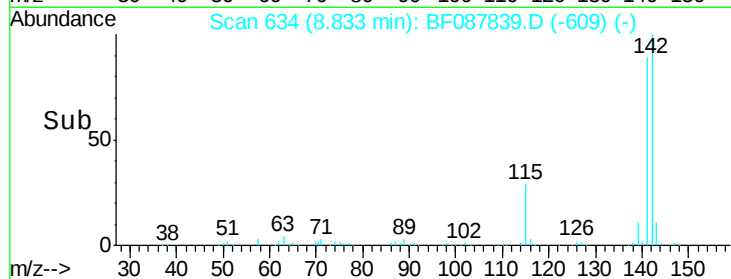
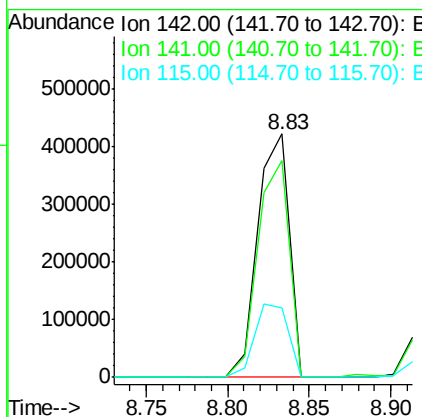
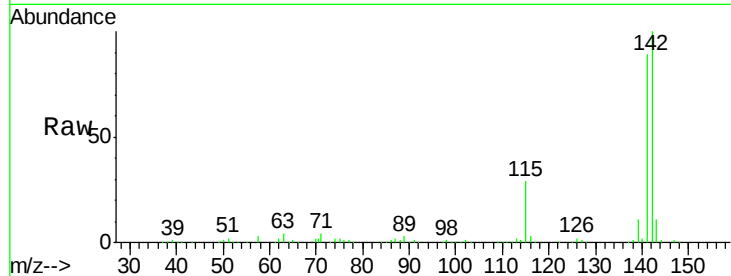




#37
 2-Methylnaphthalene
 Concen: 40.68 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

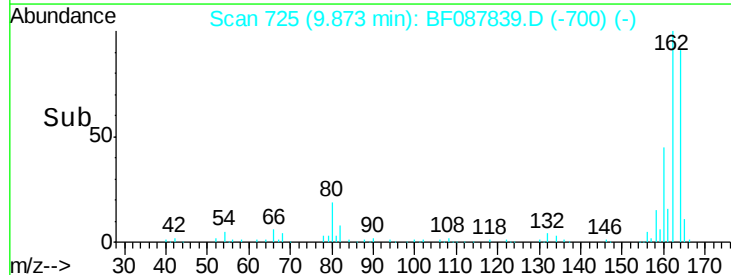
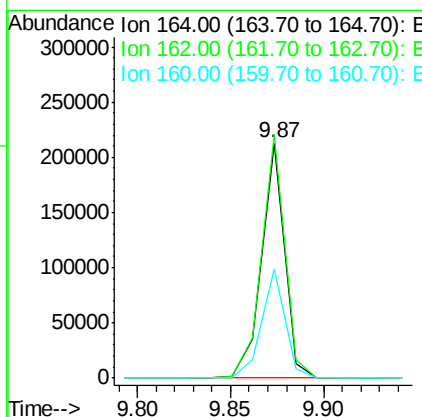
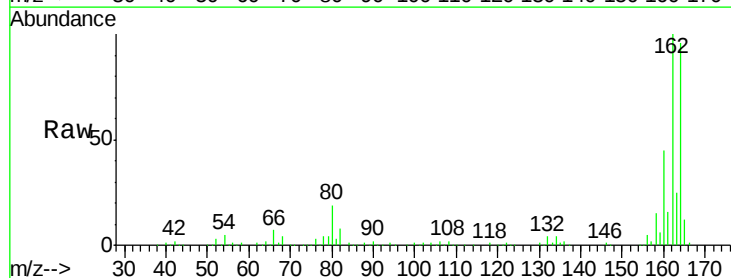
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tgt Ion:142 Resp: 568103
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.0 106.6
 115 28.7 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion:164 Resp: 180015
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.4 128.2
 160 46.6 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.84 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

Tgt Ion:216 Resp: 230407

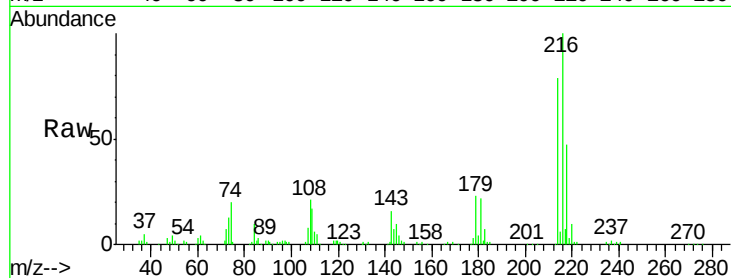
Ion Ratio Lower Upper

216 100

214 78.7 2.9 4.3#

179 22.3 0.0 0.0#

108 20.1 0.5 0.7#

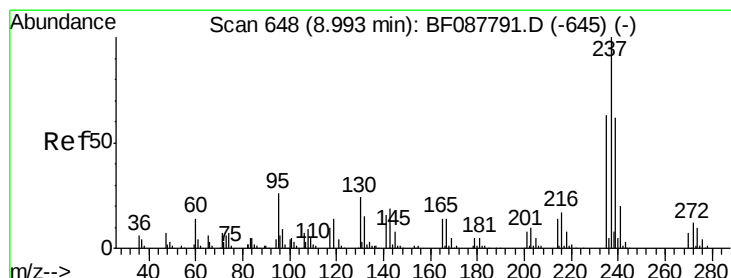
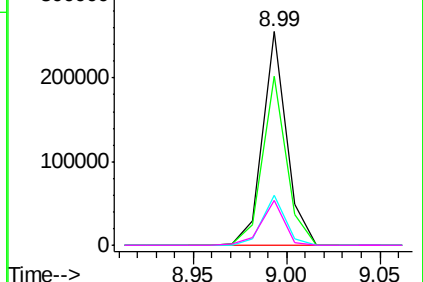
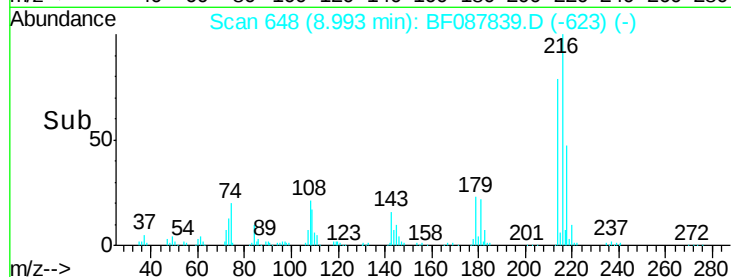


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 12.91 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

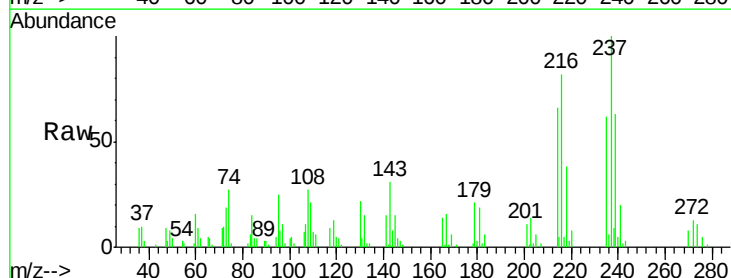
Tgt Ion:237 Resp: 37496

Ion Ratio Lower Upper

237 100

235 61.8 43.4 83.4

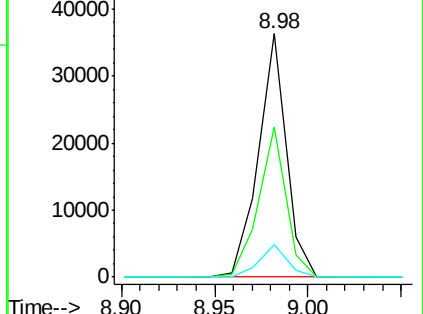
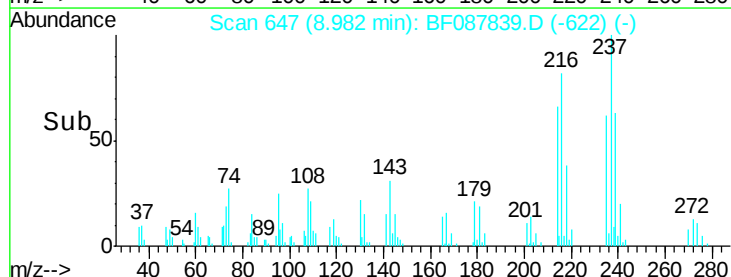
272 13.1 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

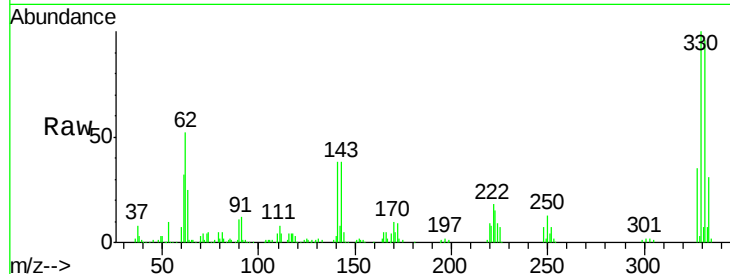




#41
 2,4,6-Tribromophenol
 Concen: 109.16 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	207495		
332	96.6	0.0	0.0	0.0
141	37.6	0.0	0.0	0.0

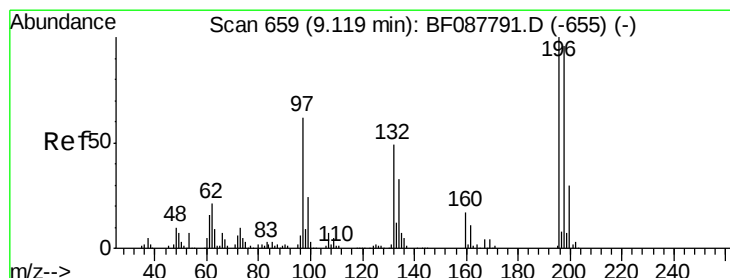
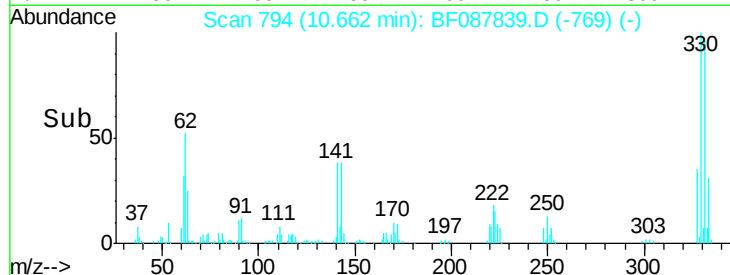
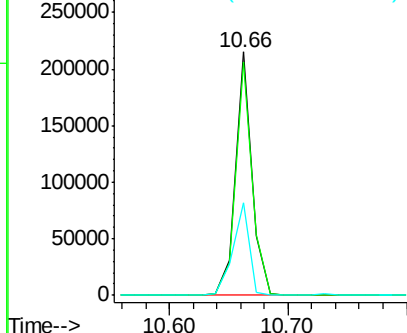


Abundance

Ion 329.80 (329.50 to 330.50): E

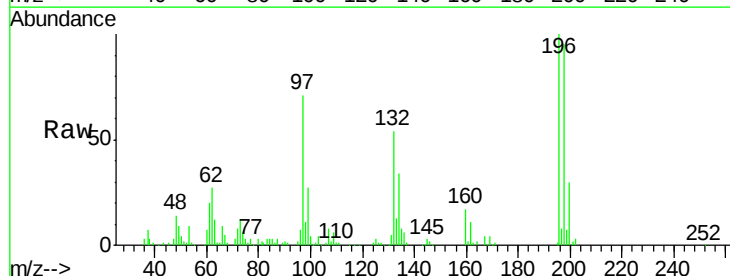
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.76 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161130		
198	94.9	78.0	117.0	
200	29.5	25.4	38.2	

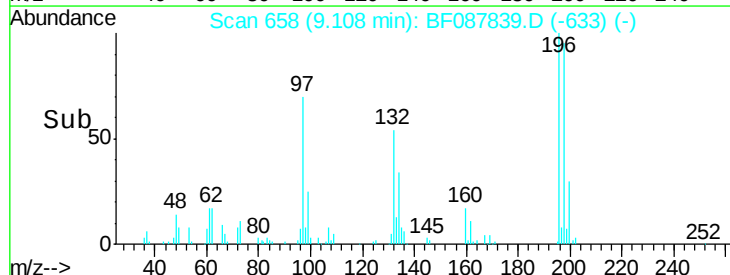
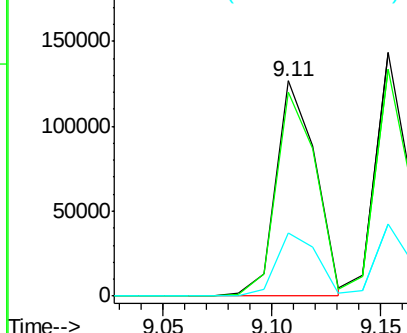


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

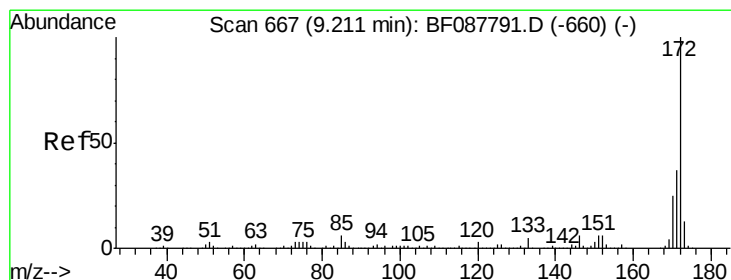
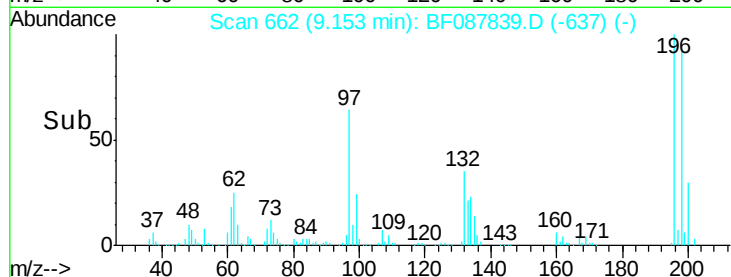
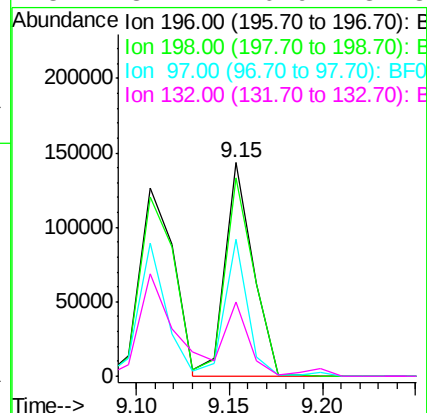
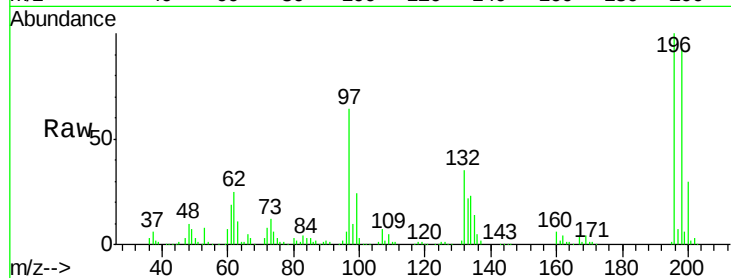




#43
 2,4,5-Trichlorophenol
 Concen: 40.15 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

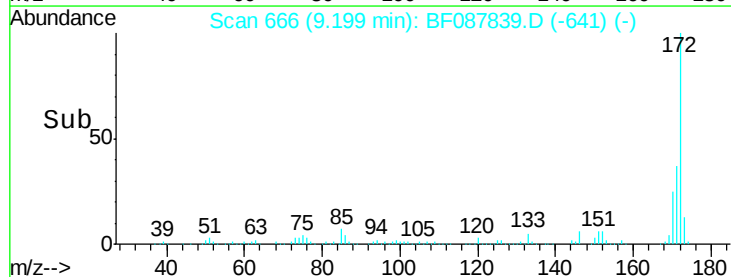
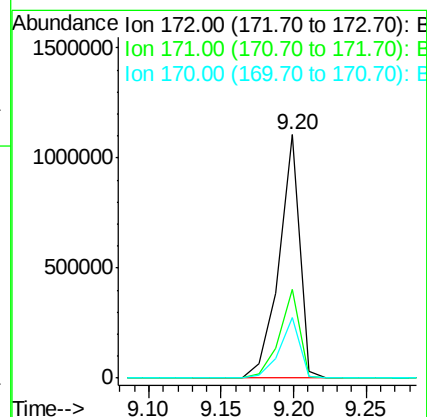
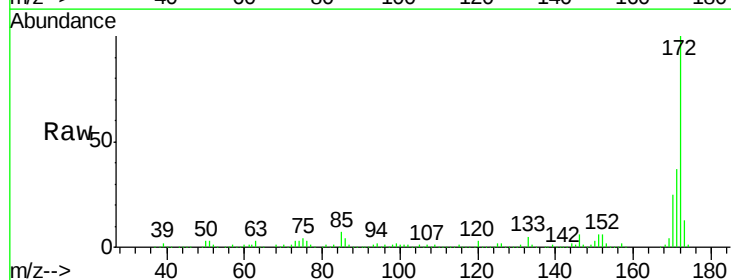
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

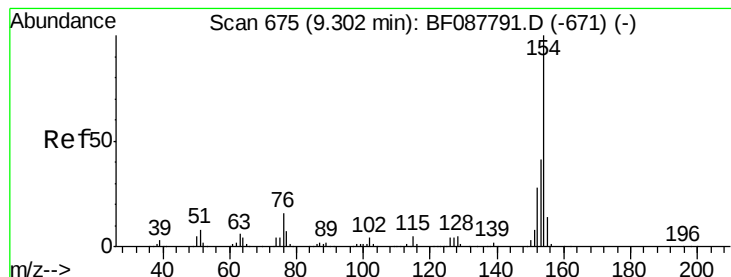
Tgt Ion:196 Resp: 150378
 Ion Ratio Lower Upper
 196 100
 198 93.1 77.5 116.3
 97 64.0 32.0 48.0#
 132 34.7 20.9 31.3#



#44
 2-Fluorobiphenyl
 Concen: 95.92 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion:172 Resp: 1091018
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 43.0
 170 24.9 19.2 28.8





#45

1,1'-Biphenyl

Concen: 48.39 ng

RT: 9.30 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

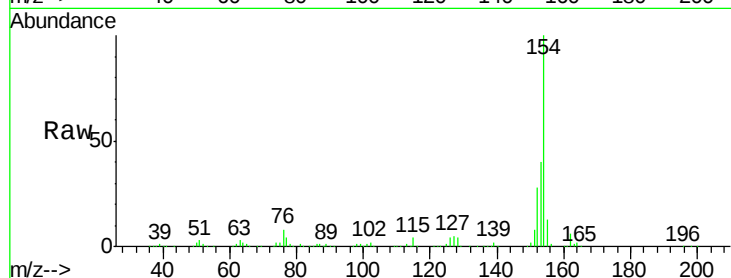
Tgt Ion:154 Resp: 647471

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

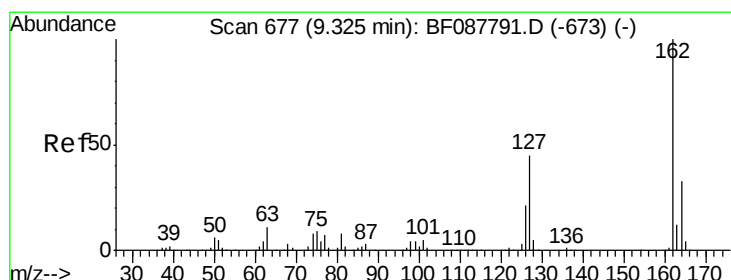
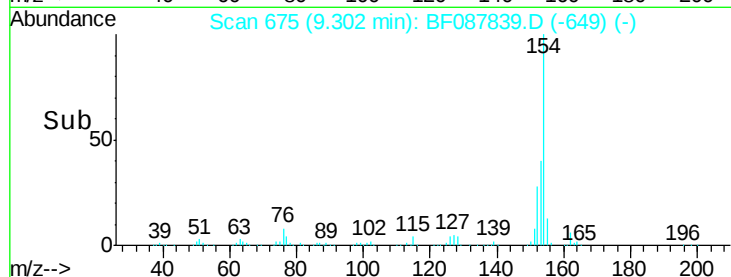
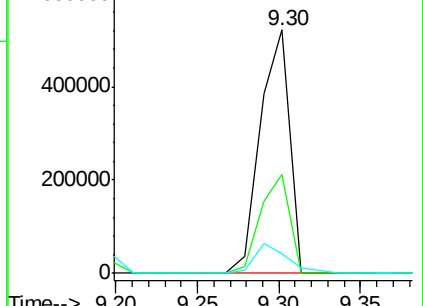
76 7.8 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.32 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

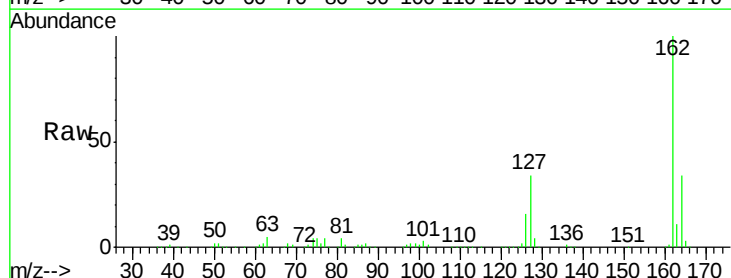
Tgt Ion:162 Resp: 492986

Ion Ratio Lower Upper

162 100

127 33.6 35.2 52.8#

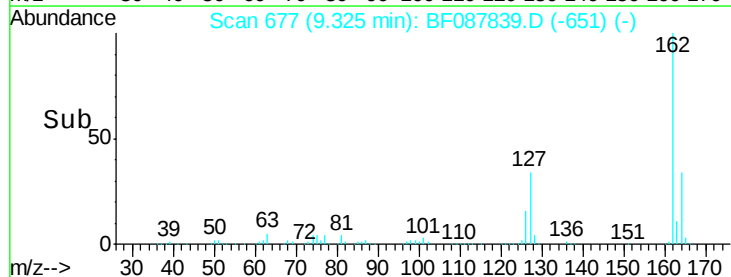
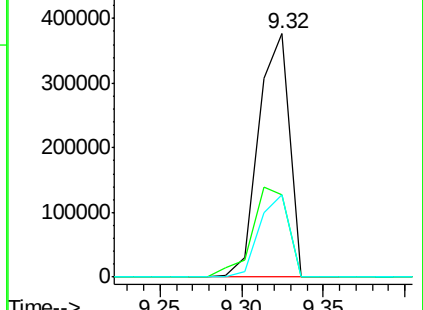
164 33.6 26.6 39.8

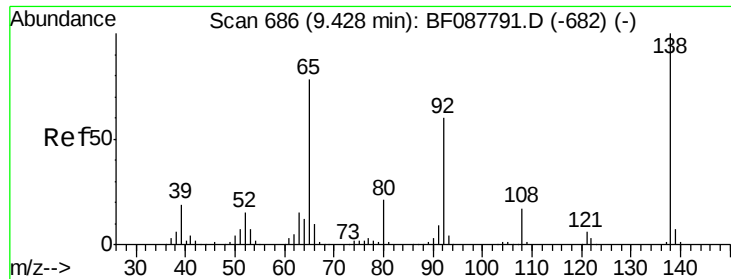


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

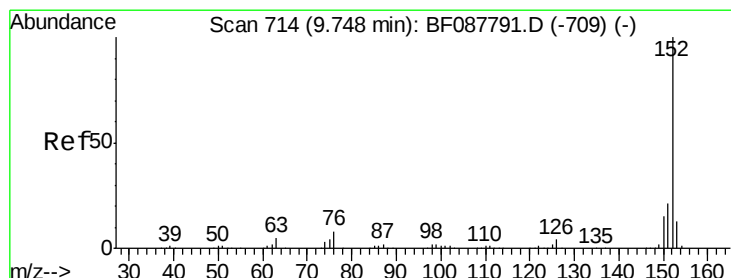
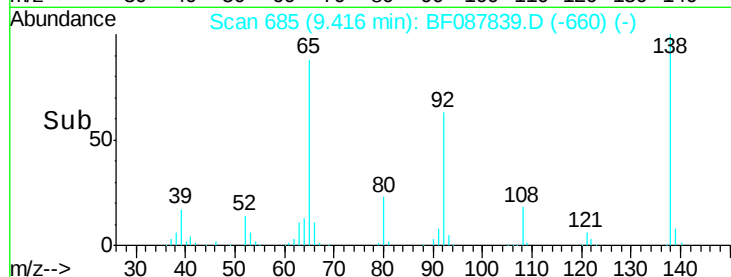
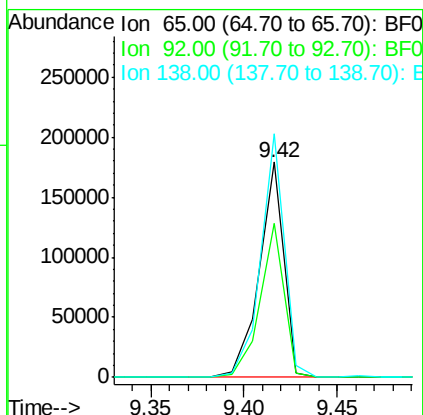
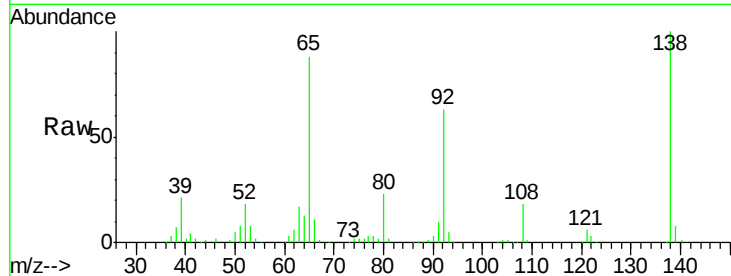




#47
2-Nitroaniline
Concen: 46.91 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

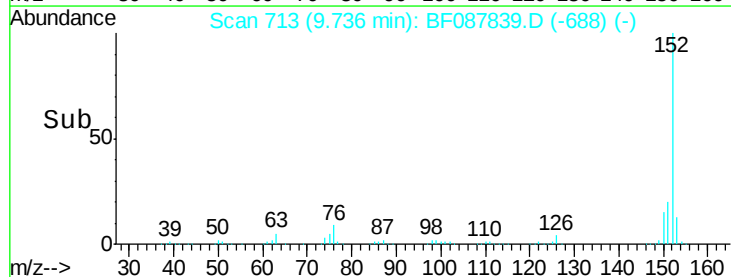
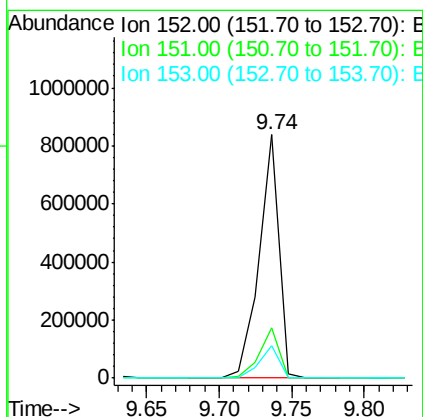
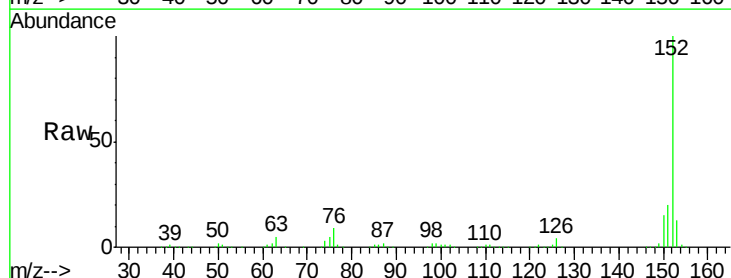
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

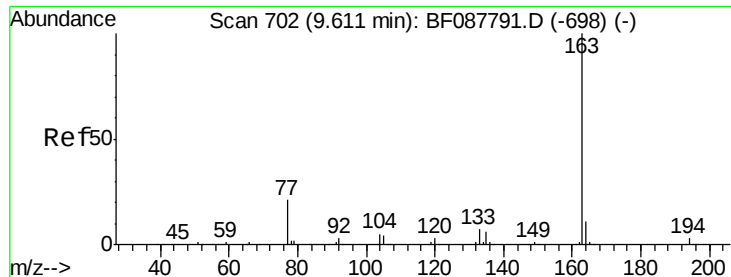
Tgt Ion: 65 Resp: 161214
Ion Ratio Lower Upper
65 100
92 71.4 54.6 82.0
138 113.0 77.0 115.4



#48
Acenaphthylene
Concen: 42.78 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion: 152 Resp: 792656
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.3 11.0 16.6





#49

Dimethylphthalate

Concen: 72.30 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

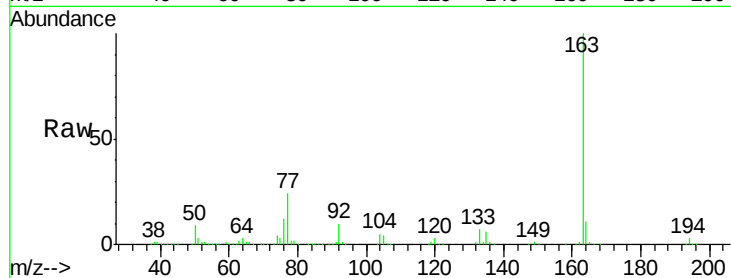
Tgt Ion:163 Resp: 942750

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

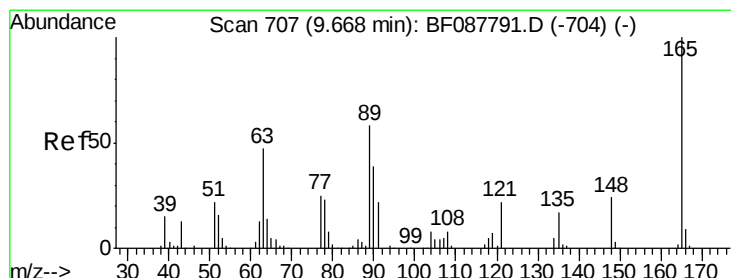
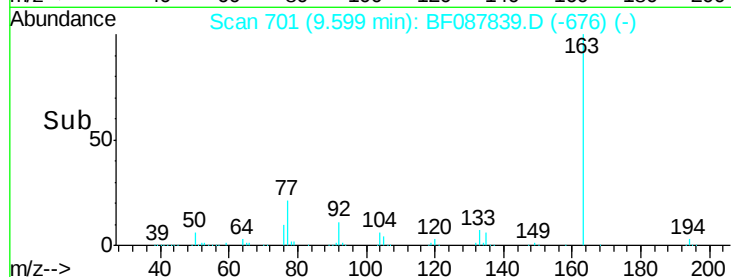
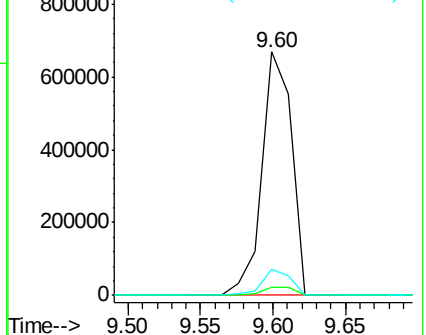
164 10.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.09 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

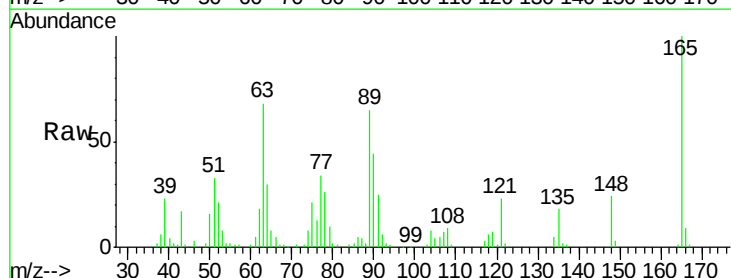
Tgt Ion:165 Resp: 119736

Ion Ratio Lower Upper

165 100

63 68.4 28.1 42.1#

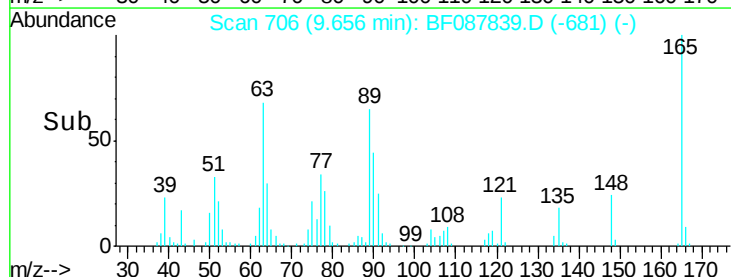
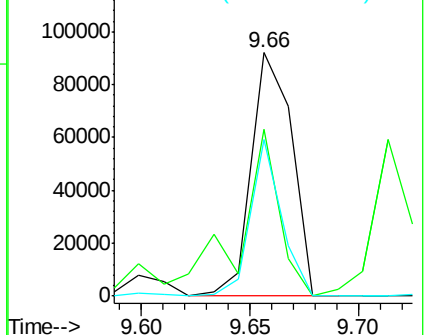
89 64.5 32.2 48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.76 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

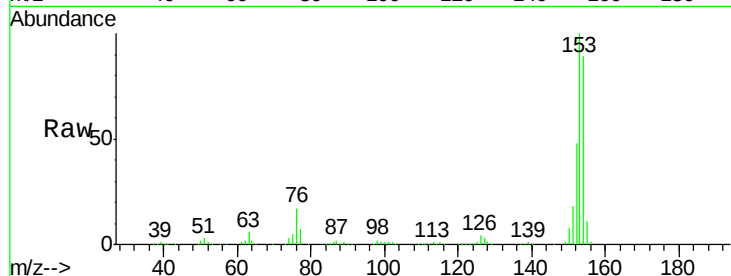
Tgt Ion:154 Resp: 459578

Ion Ratio Lower Upper

154 100

153 112.2 89.5 134.3

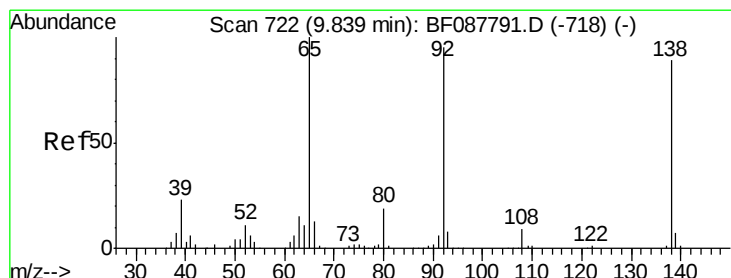
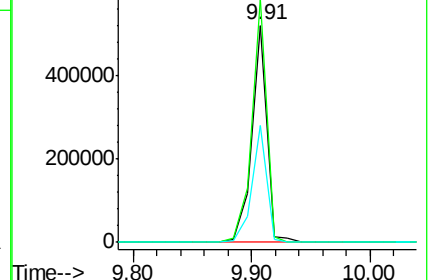
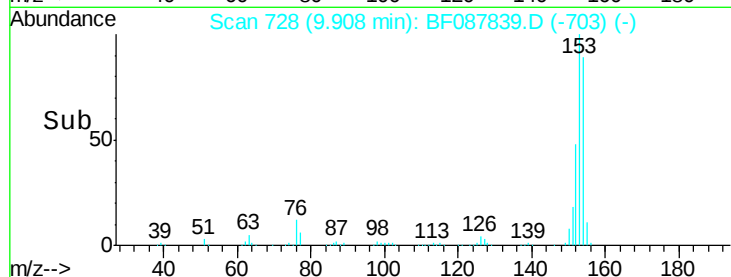
152 53.8 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.13 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

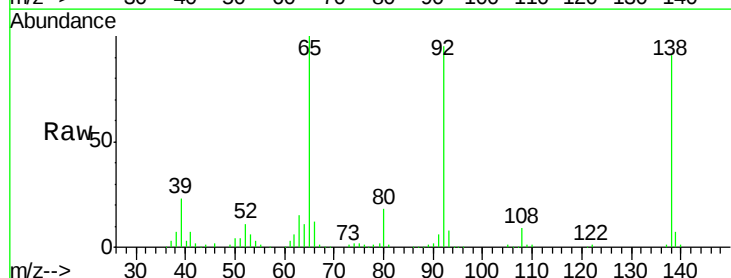
Tgt Ion:138 Resp: 124510

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

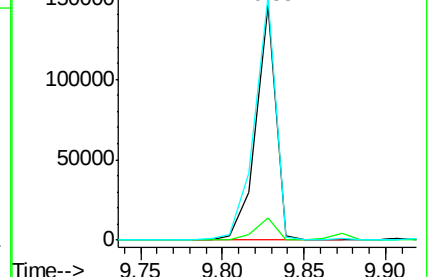
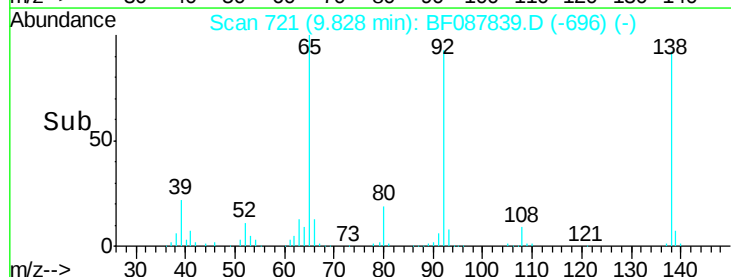
92 104.0 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

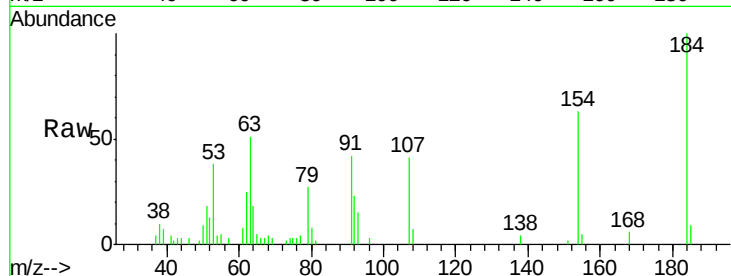




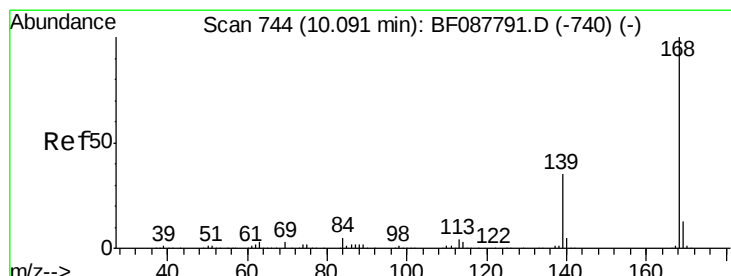
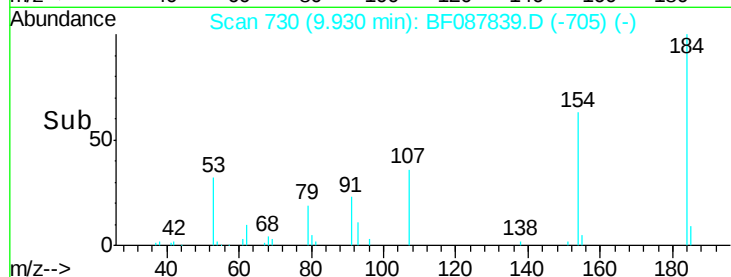
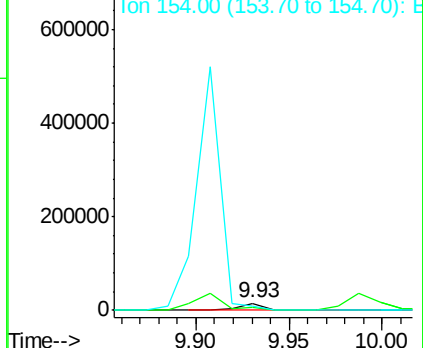
#53
2,4-Dinitrophenol
Concen: 12.42 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tgt Ion:184 Resp: 12908
Ion Ratio Lower Upper
184 100
63 51.4 57.6 86.4#
154 62.7 53.5 80.3

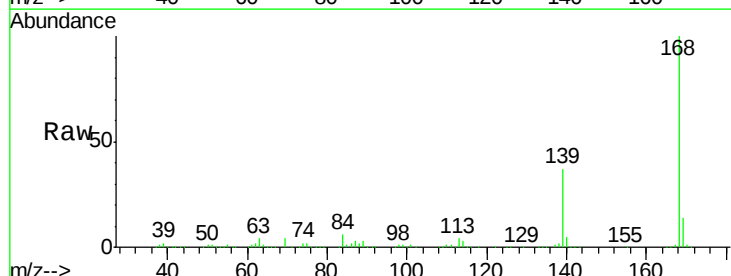


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

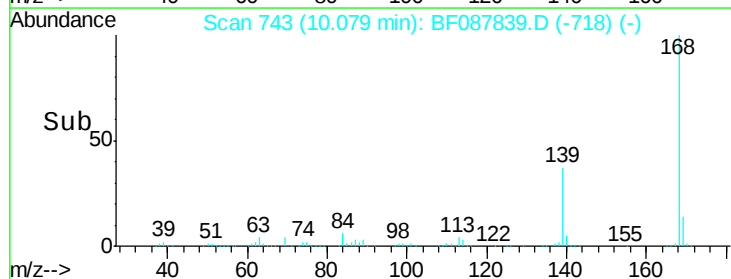
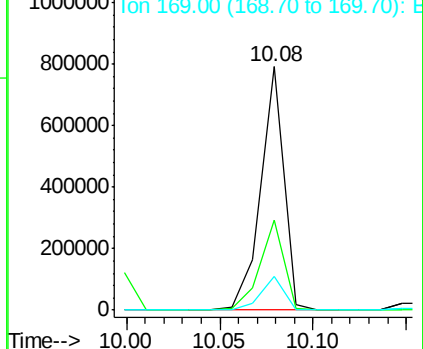


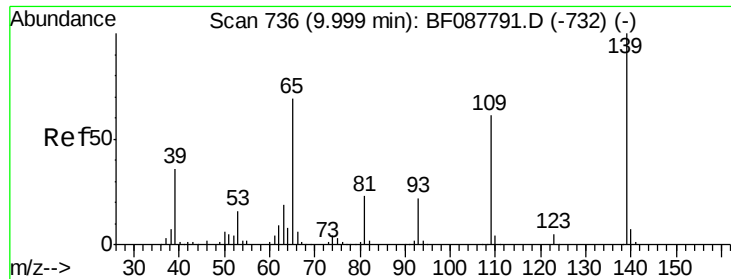
#54
Dibenzofuran
Concen: 42.38 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion:168 Resp: 674715
Ion Ratio Lower Upper
168 100
139 37.2 26.4 39.6
169 13.6 10.4 15.6



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





#55

4-Nitrophenol

Concen: 71.03 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

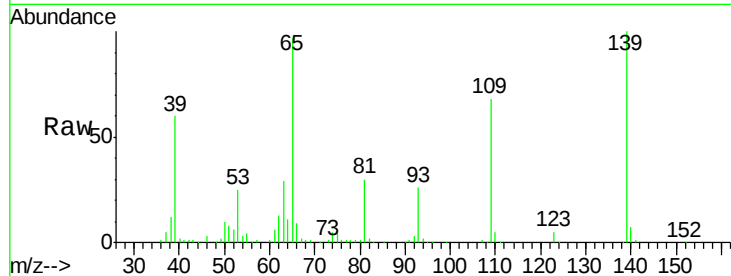
Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

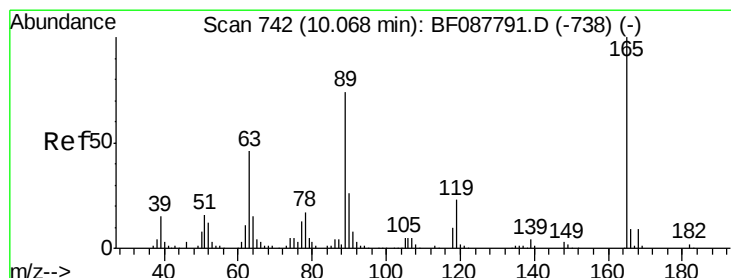
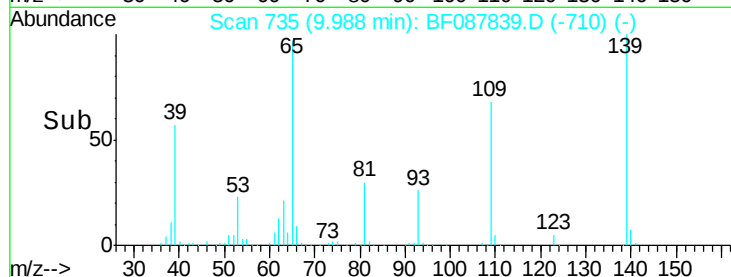
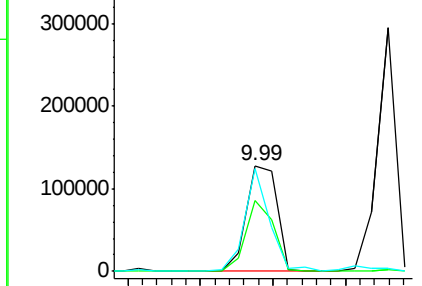
Tgt Ion:	139	Resp:	189984
Ion Ratio	Lower	Upper	
139	100		
109	67.6	48.9	88.9
65	97.2	84.9	124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.19 ng

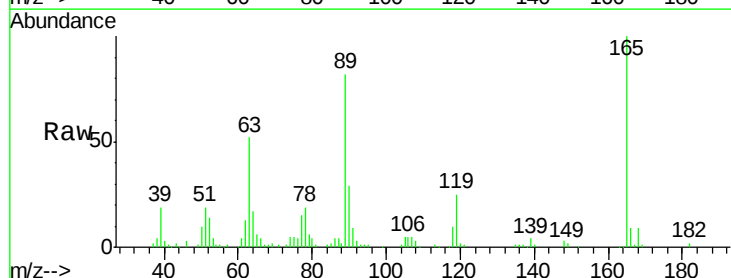
RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion:	165	Resp:	150408
Ion Ratio	Lower	Upper	
165	100		
63	52.4	22.0	33.0#
89	82.2	41.1	61.7#
182	2.1	2.0	3.0

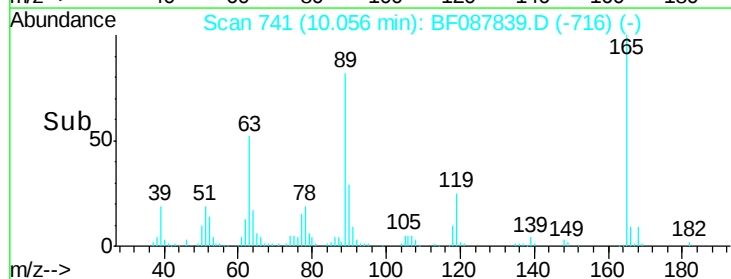
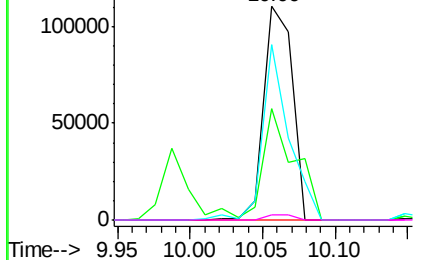


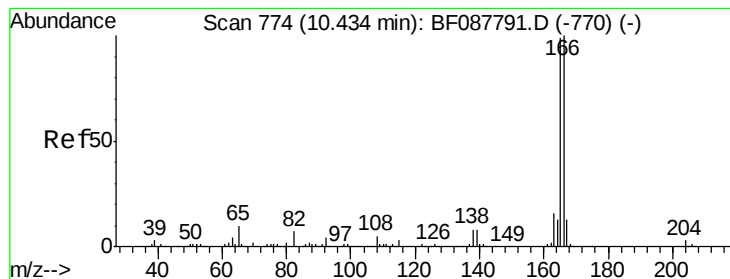
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.40 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

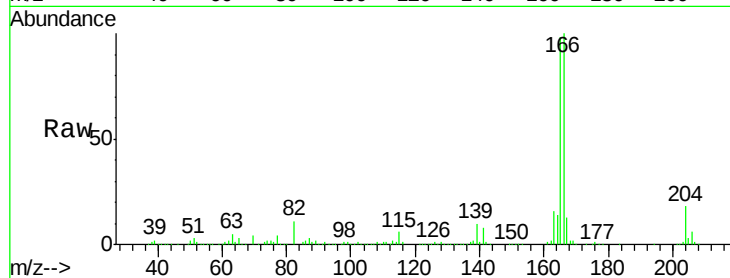
Tgt Ion:166 Resp: 497558

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.8

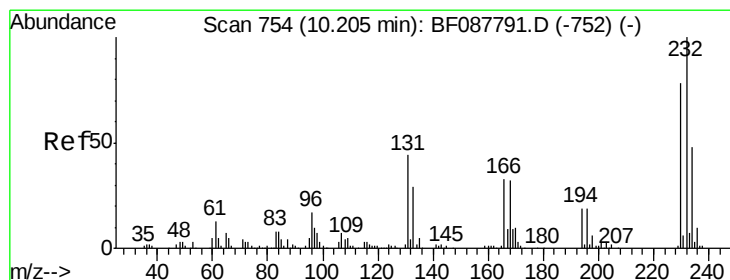
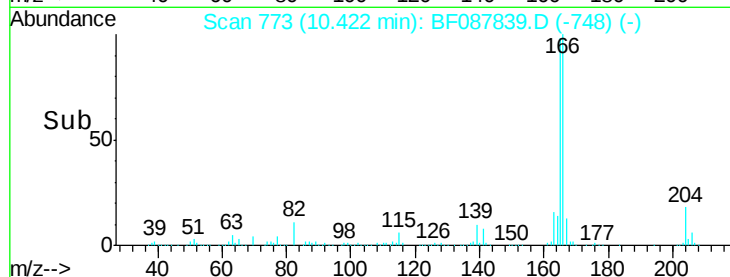
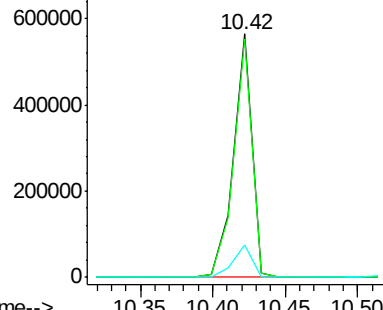
167 13.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.88 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion:232 Resp: 111496

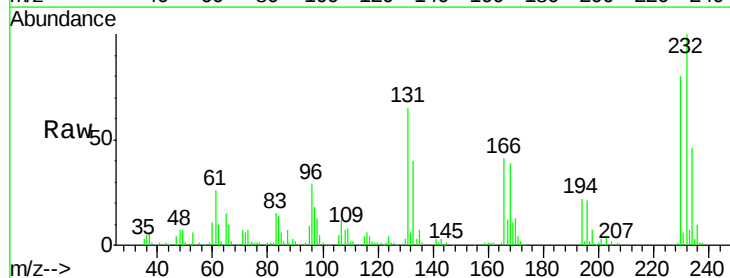
Ion Ratio Lower Upper

232 100

131 51.0 0.9 1.3#

130 2.3 1.5 2.3#

166 33.3 0.5 0.7#

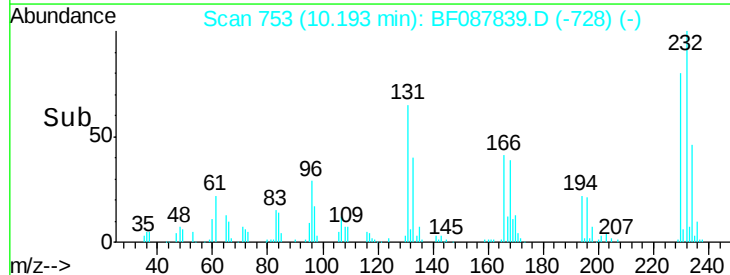
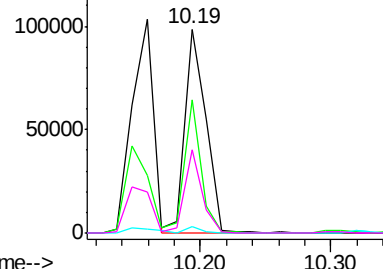


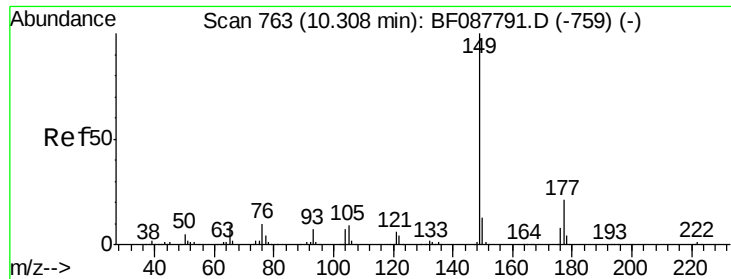
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

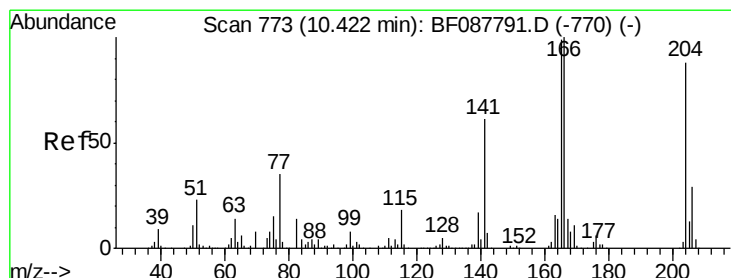
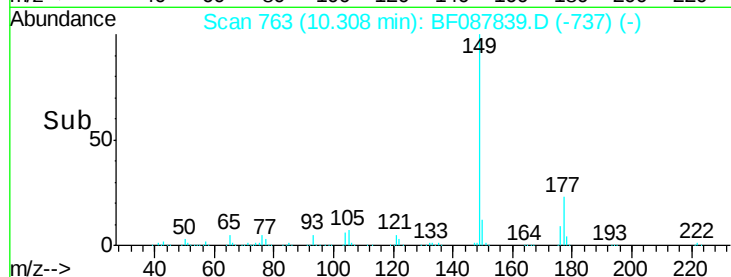
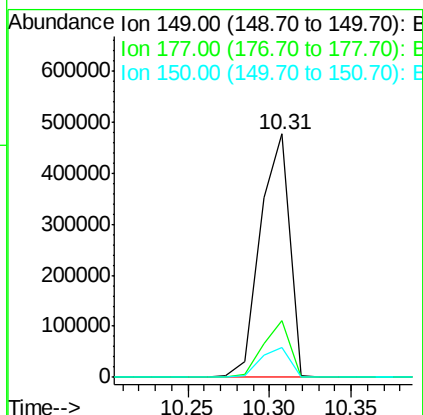
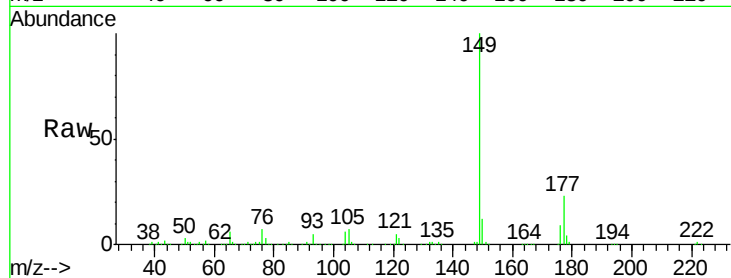




#59
Diethylphthalate
Concen: 45.06 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

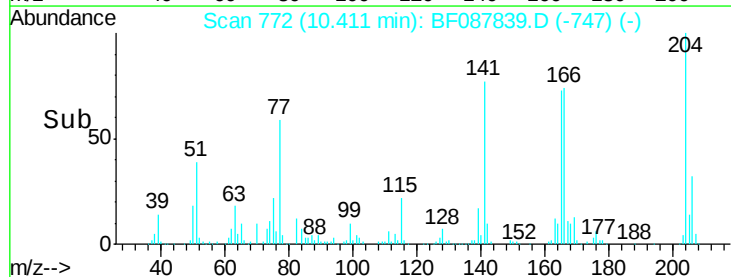
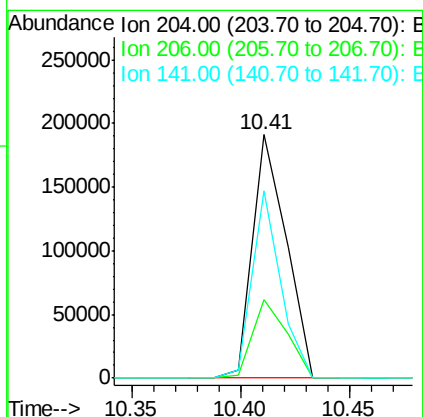
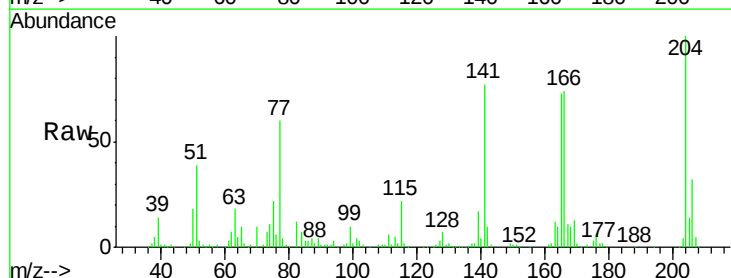
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

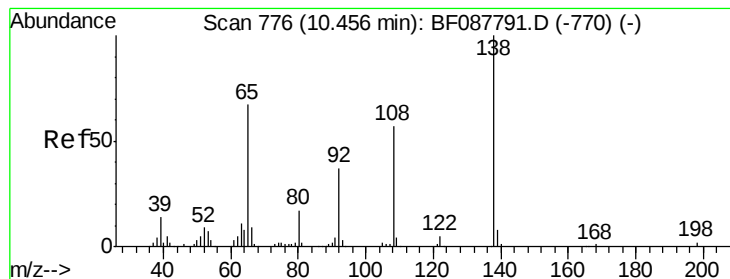
Tgt Ion:149 Resp: 594763
Ion Ratio Lower Upper
149 100
177 23.1 16.9 25.3
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.97 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion:204 Resp: 206319
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 76.8 55.0 82.6





#61

4-Nitroaniline

Concen: 39.80 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

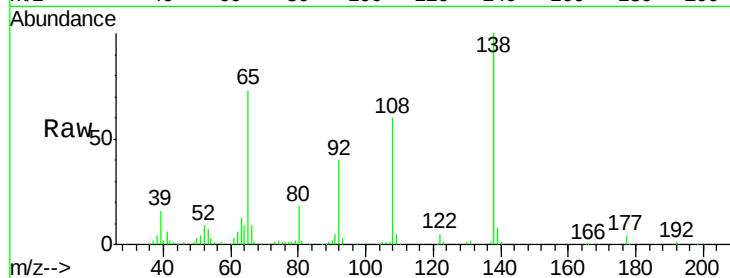
Tgt Ion:138 Resp: 130089

Ion Ratio Lower Upper

138 100

92 39.5 27.3 67.3

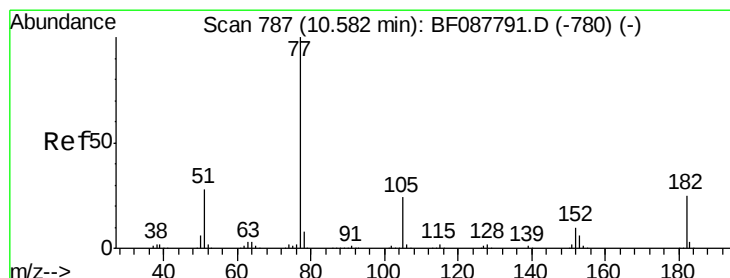
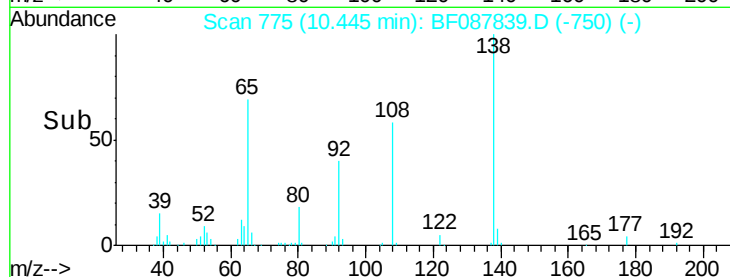
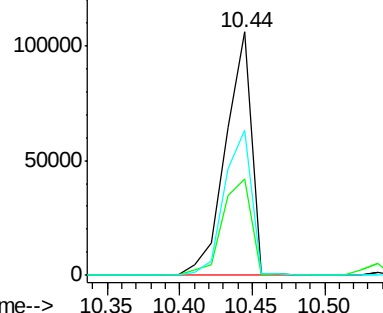
108 59.7 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.19 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Tgt Ion: 77 Resp: 511524

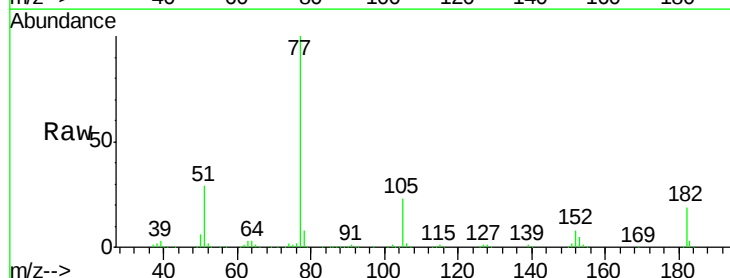
Ion Ratio Lower Upper

77 100

182 19.4 4.4 44.4

105 22.7 3.8 43.8

51 29.2 9.3 49.3

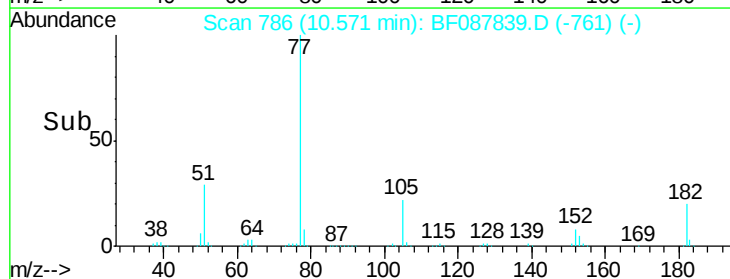
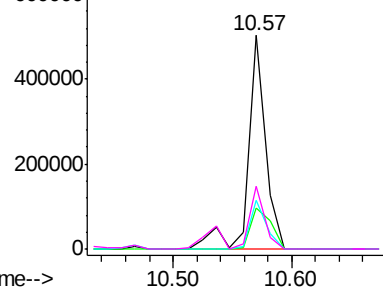


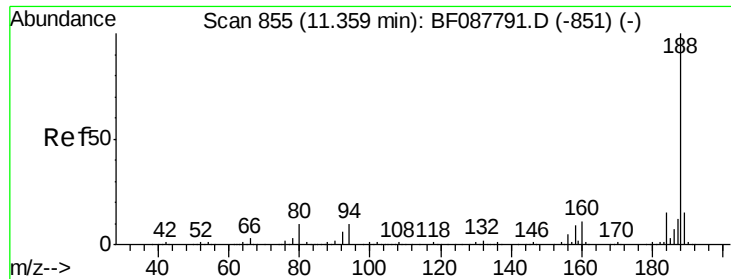
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

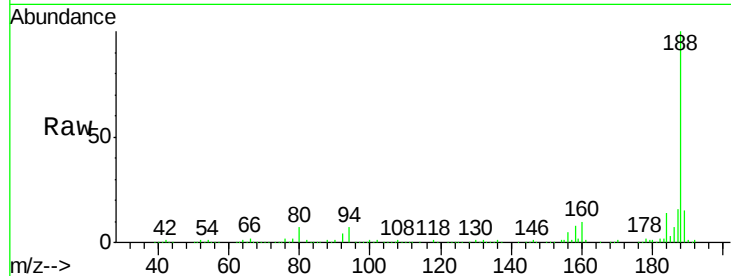




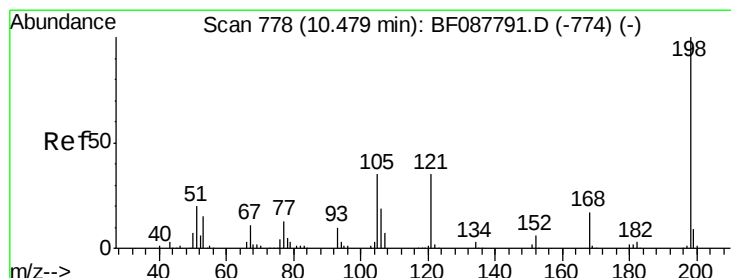
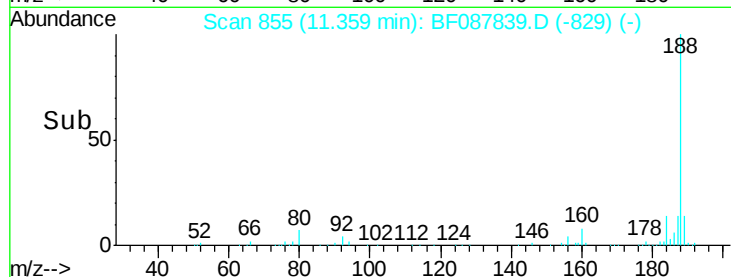
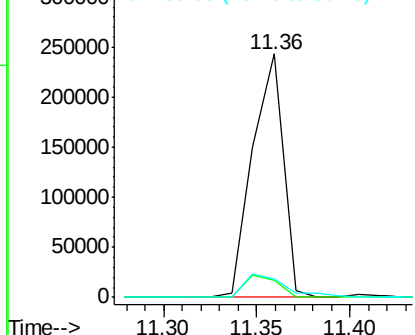
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tgt Ion:188 Resp: 276670
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.6#
80 7.5 10.0 15.0#

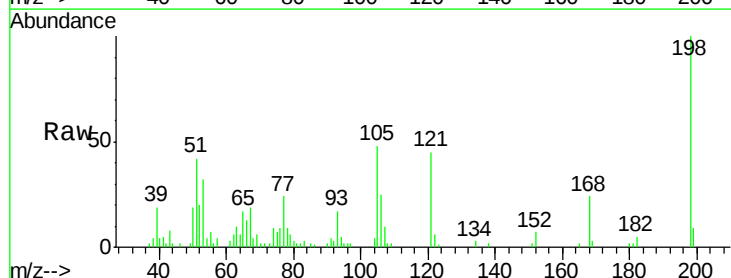


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

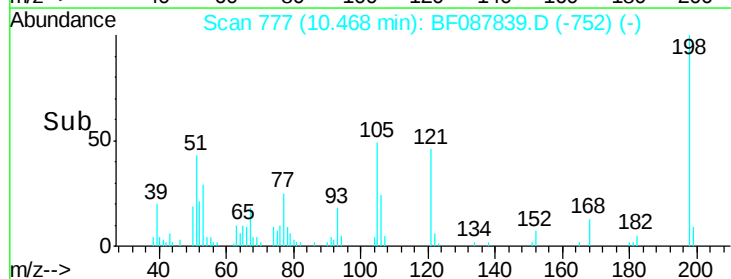
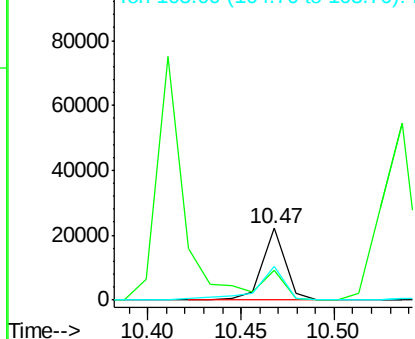


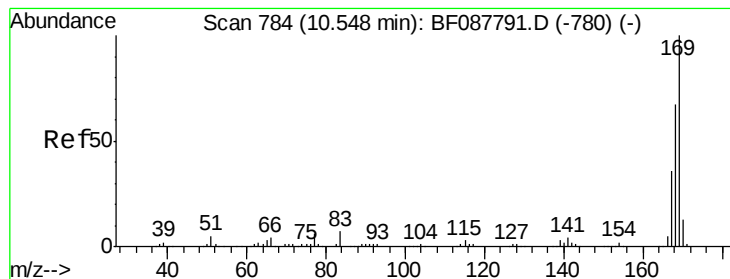
#64
4,6-Dinitro-2-methylphenol
Concen: 12.51 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion:198 Resp: 18716
Ion Ratio Lower Upper
198 100
51 42.5 39.6 79.6
105 47.7 36.6 76.6



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

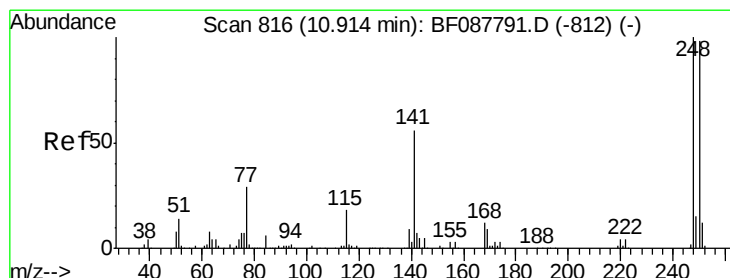
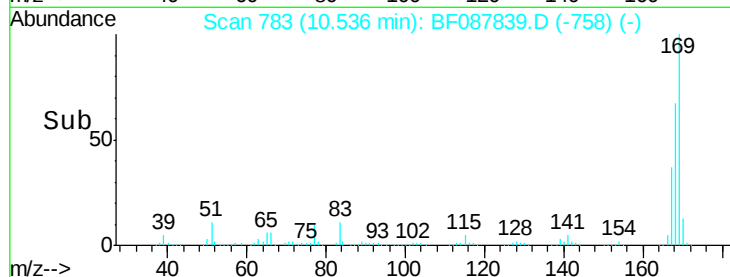
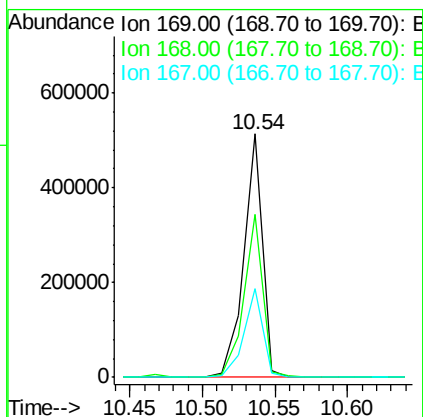
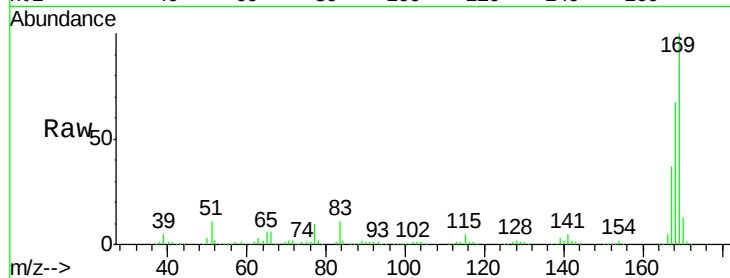




#65
 n-Nitrosodiphenylamine
 Concen: 49.83 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

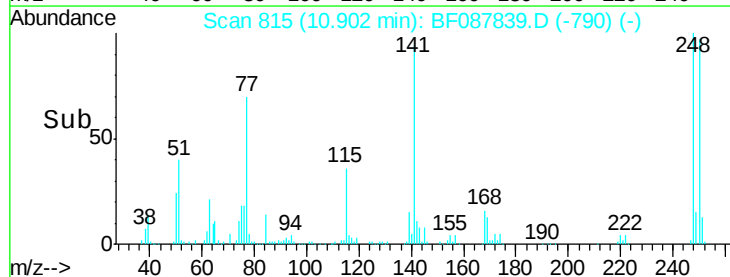
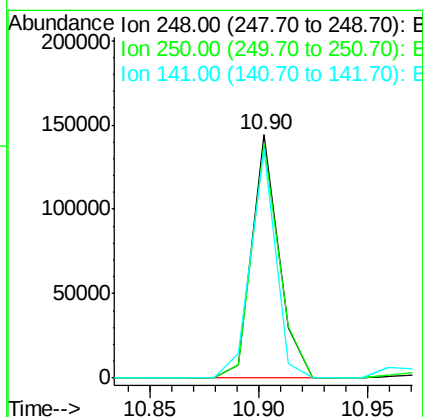
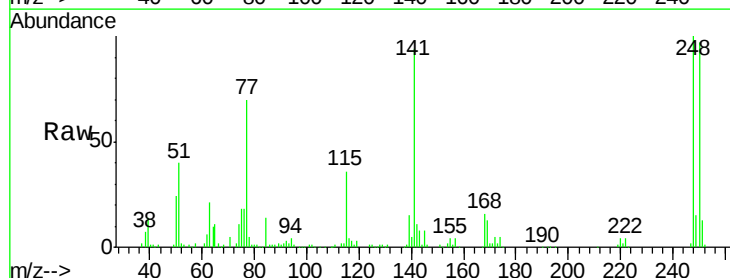
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tgt Ion:169 Resp: 457420
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.4 80.0
 167 36.6 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 42.14 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion:248 Resp: 125083
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.1 115.7
 141 94.1 50.6 76.0#

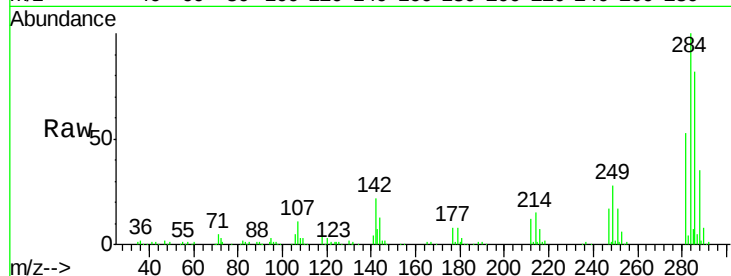




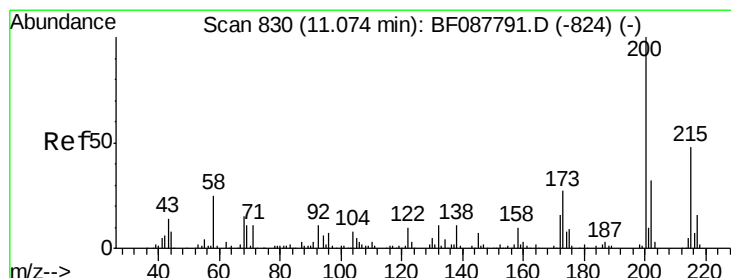
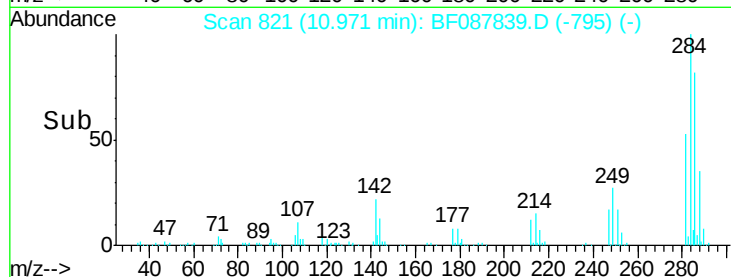
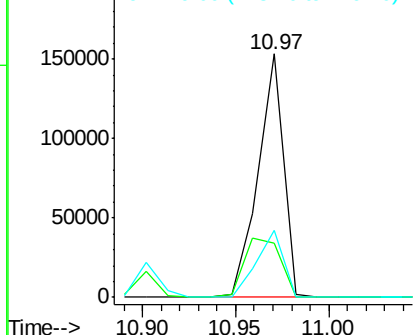
#67
Hexachlorobenzene
Concen: 46.62 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

Tgt Ion:284 Resp: 143789
Ion Ratio Lower Upper
284 100
142 22.0 35.8 53.8#
249 27.7 25.8 38.6

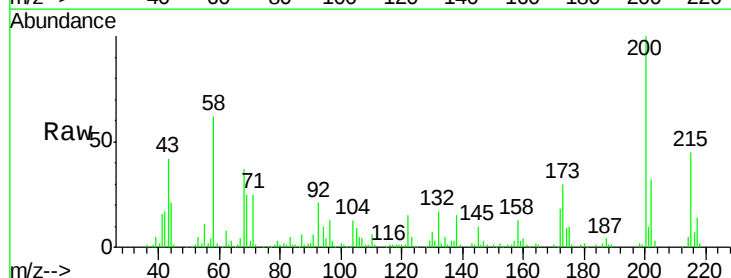


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

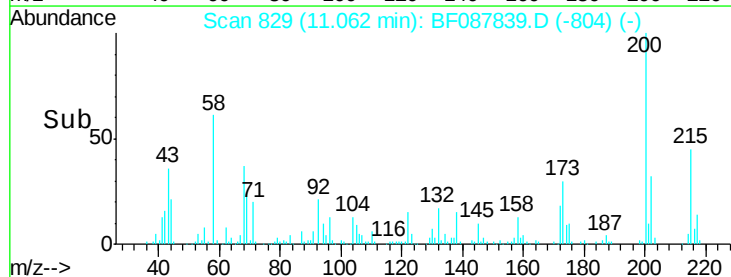
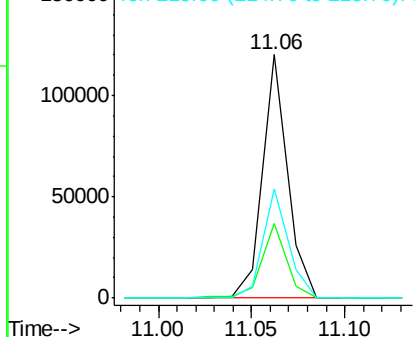


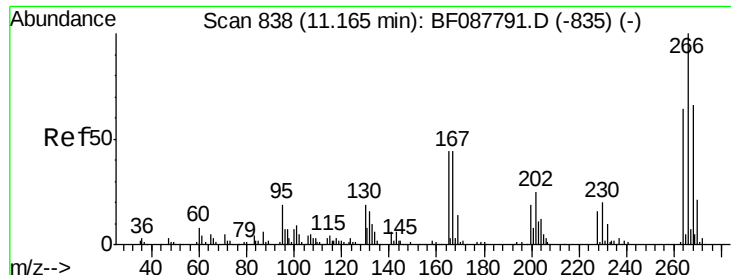
#68
Atrazine
Concen: 39.82 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion:200 Resp: 110691
Ion Ratio Lower Upper
200 100
173 30.4 4.0 44.0
215 45.1 29.3 69.3



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

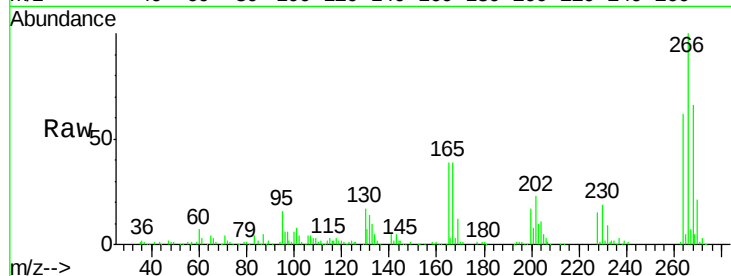




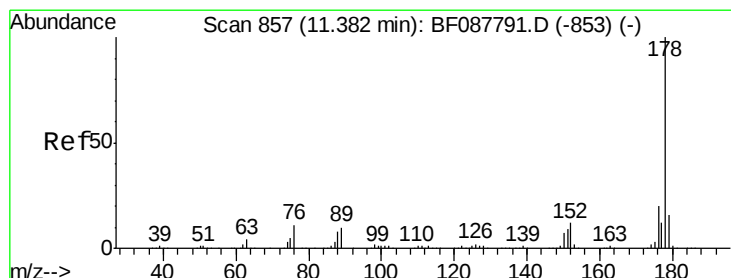
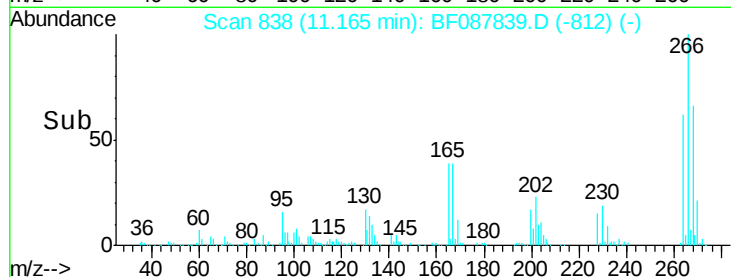
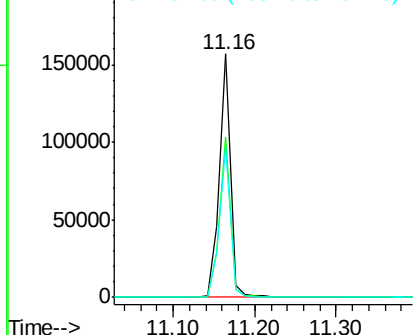
#69
 Pentachlorophenol
 Concen: 91.80 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tgt Ion:266 Resp: 149240
 Ion Ratio Lower Upper
 266 100
 268 66.1 52.8 79.2
 264 61.8 49.6 74.4

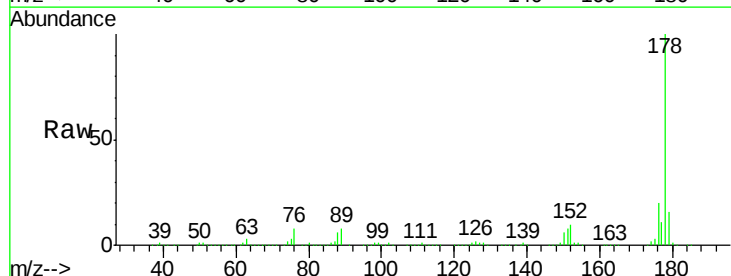


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

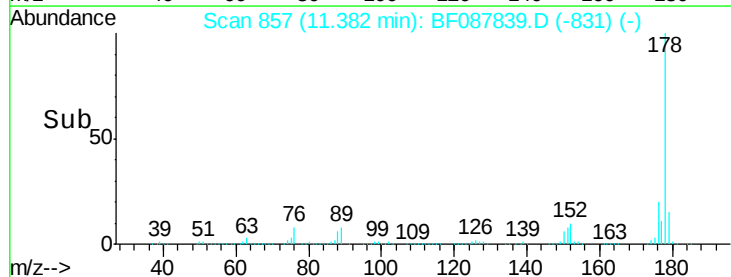
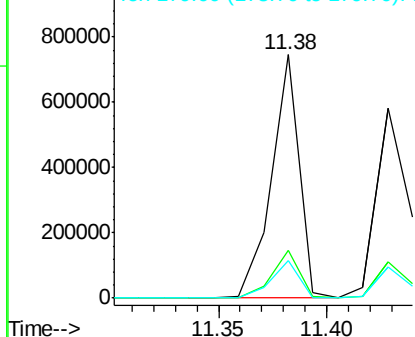


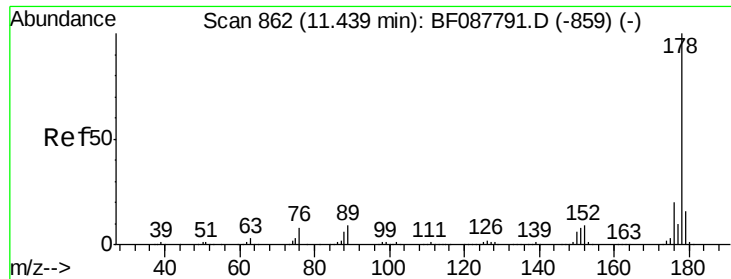
#70
 Phenanthrene
 Concen: 45.92 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion:178 Resp: 666664
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 15.6 13.0 19.4



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

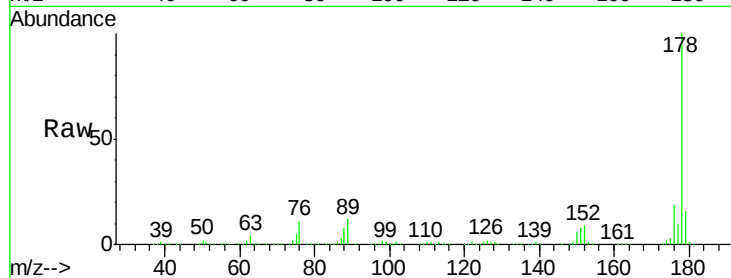




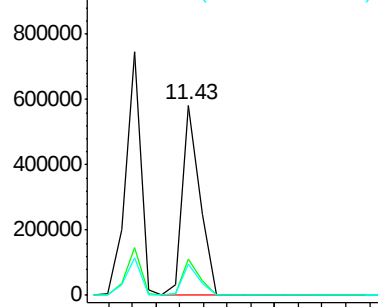
#71
 Anthracene
 Concen: 40.55 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

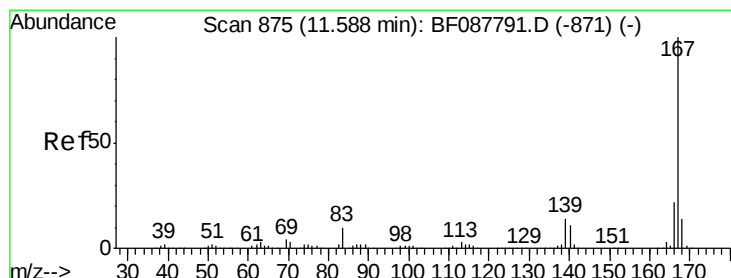
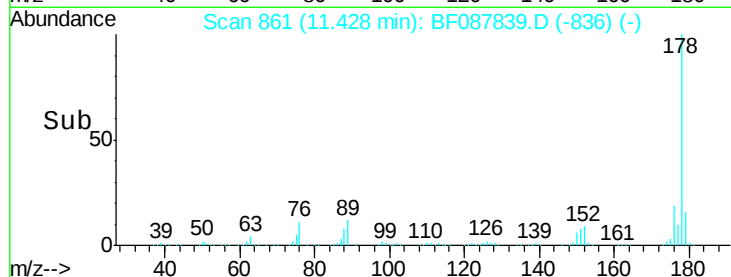
Tgt Ion:178 Resp: 593883
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 16.1 12.8 19.2



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

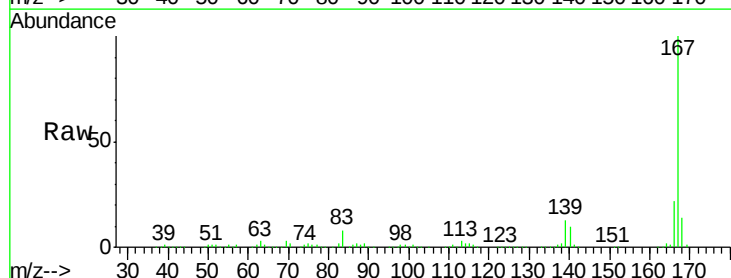


Time-->

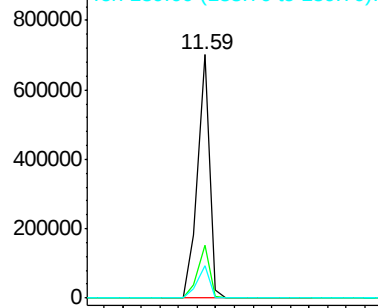


#72
 Carbazole
 Concen: 45.73 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

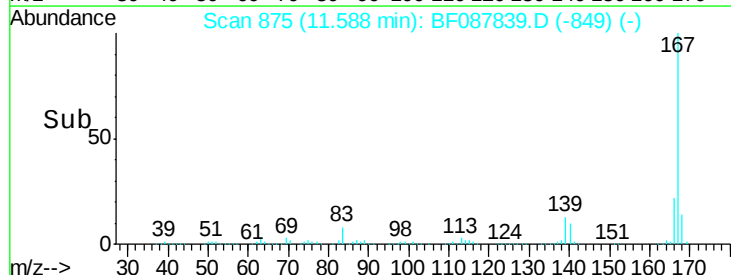
Tgt Ion:167 Resp: 626628
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.3 11.2 16.8

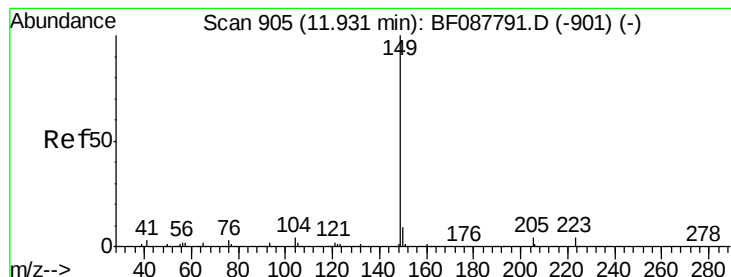


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 45.48 ng

RT: 11.93 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

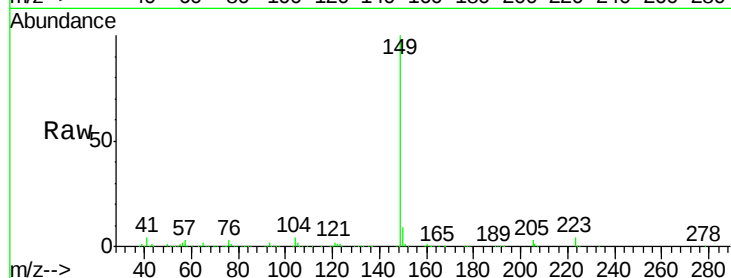
Tgt Ion:149 Resp: 788962

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

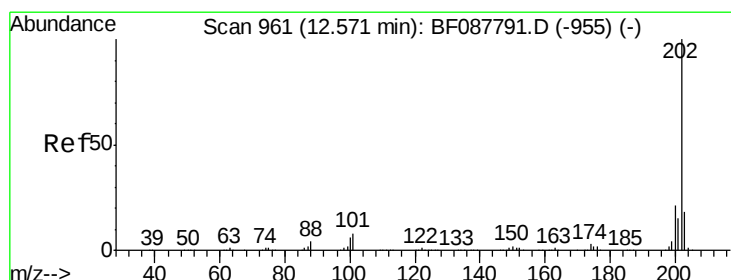
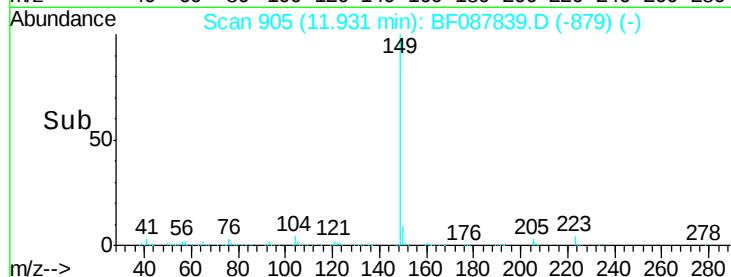
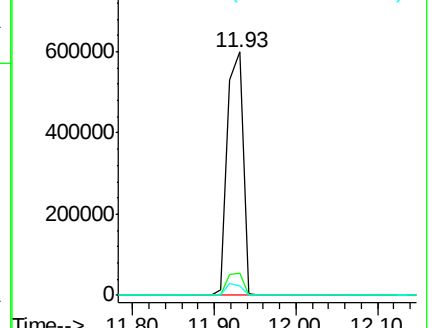
104 3.6 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.86 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

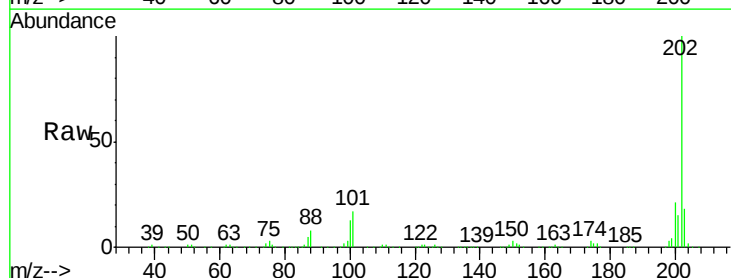
Tgt Ion:202 Resp: 625979

Ion Ratio Lower Upper

202 100

101 17.1 0.0 33.1

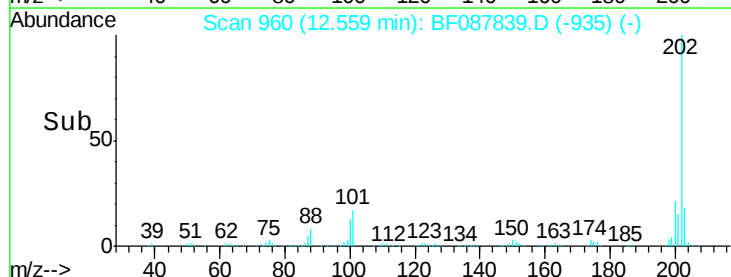
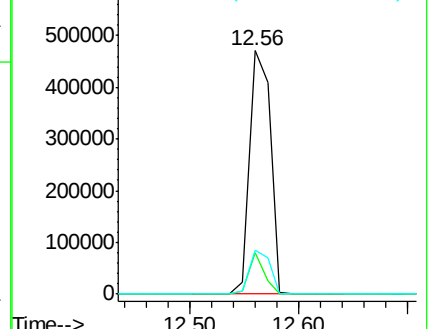
203 17.9 0.0 38.1

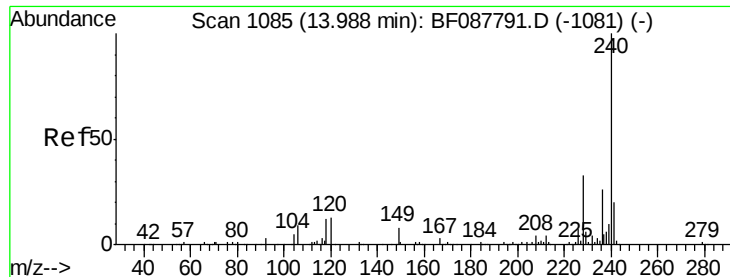


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

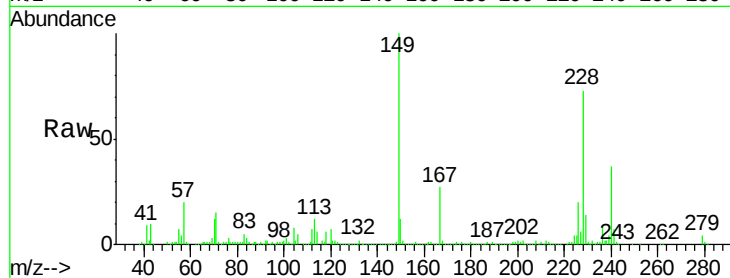
Tgt Ion:240 Resp: 194547

Ion Ratio Lower Upper

240 100

120 19.1 6.8 10.2#

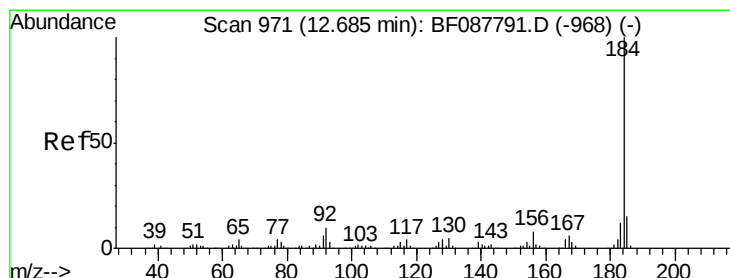
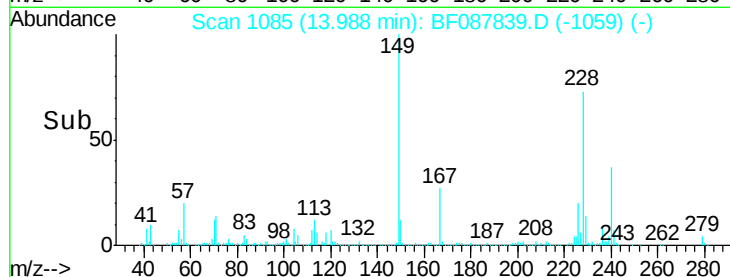
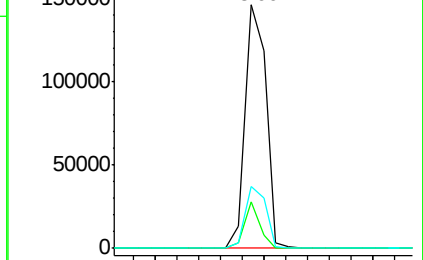
236 25.3 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.99 ng

RT: 12.69 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

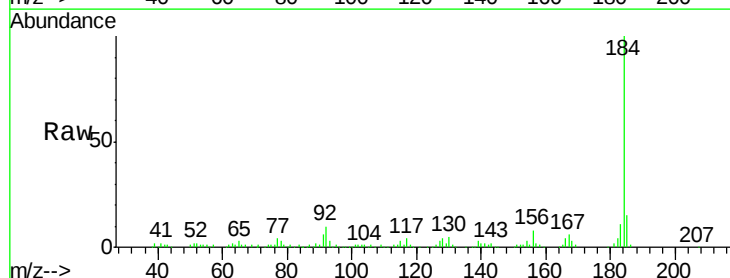
Tgt Ion:184 Resp: 150796

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

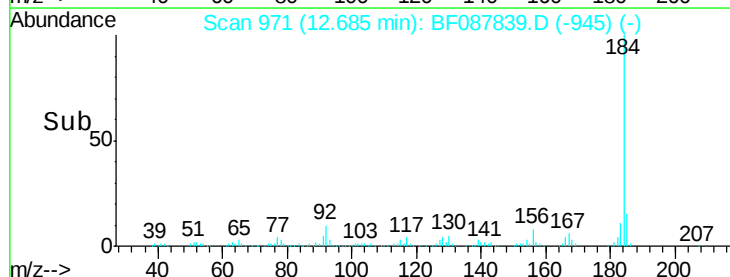
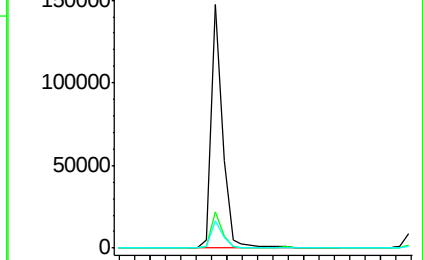
183 11.5 9.3 13.9

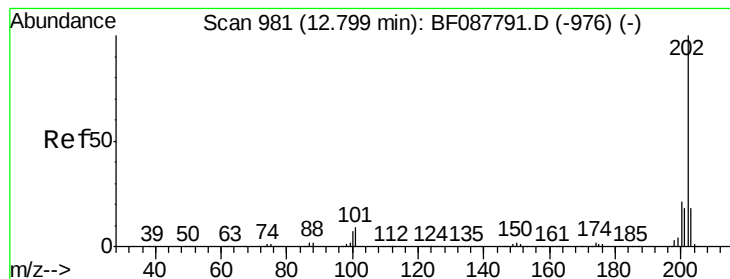


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.09 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

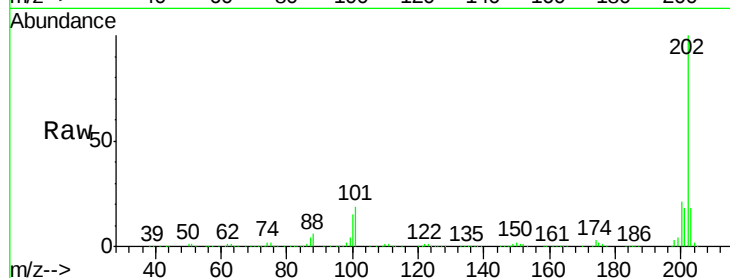
Tgt Ion: 202 Resp: 622045

Ion Ratio Lower Upper

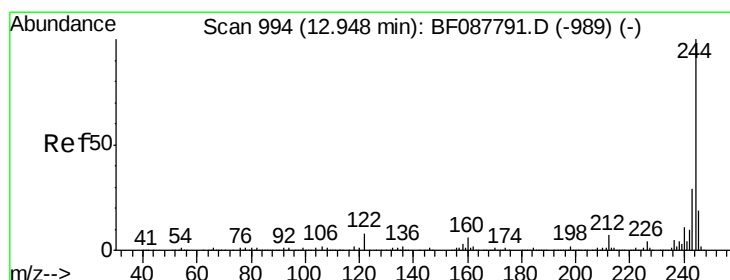
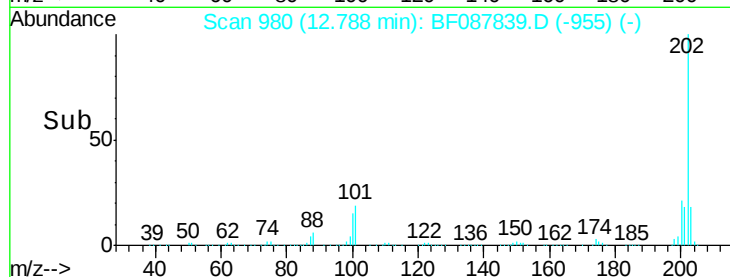
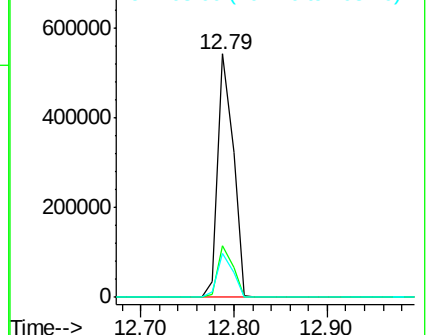
202 100

200 21.4 17.4 26.2

203 18.1 14.5 21.7



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



#78

Terphenyl-d14

Concen: 99.31 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

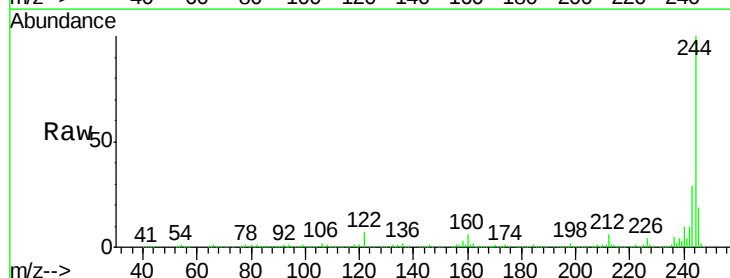
Tgt Ion: 244 Resp: 849017

Ion Ratio Lower Upper

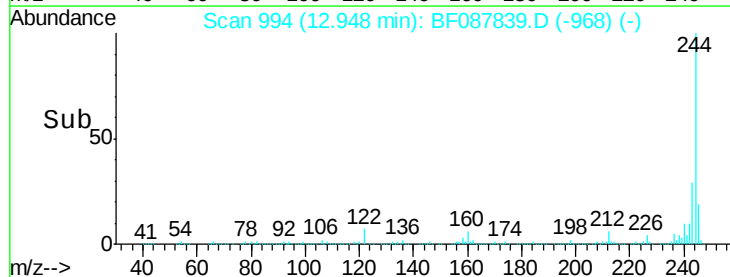
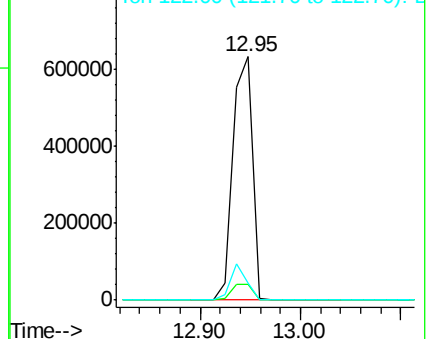
244 100

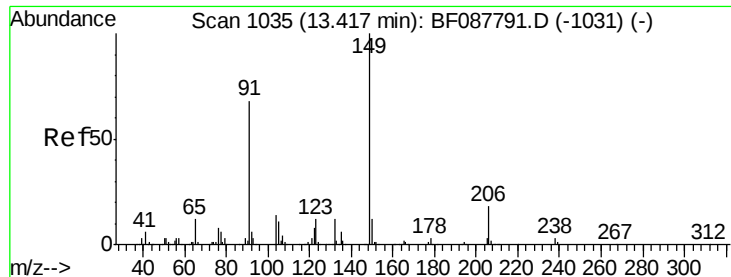
212 6.3 6.0 9.0

122 6.7 11.2 16.8#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

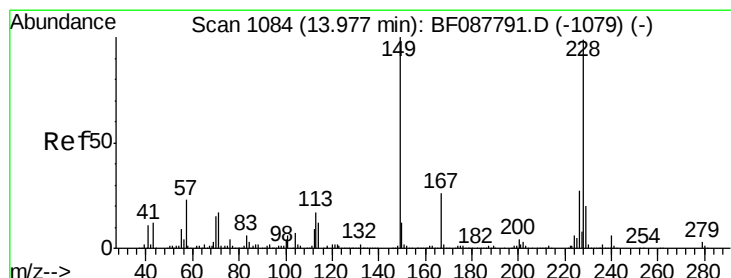
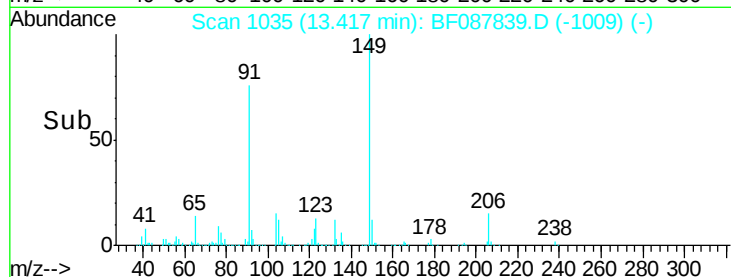
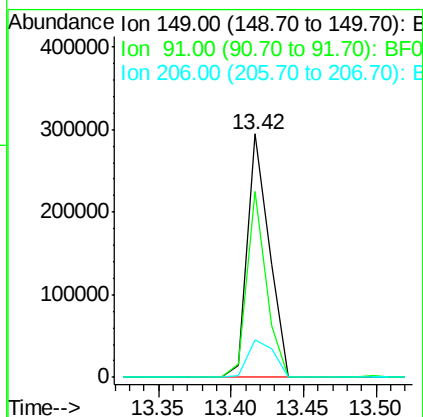
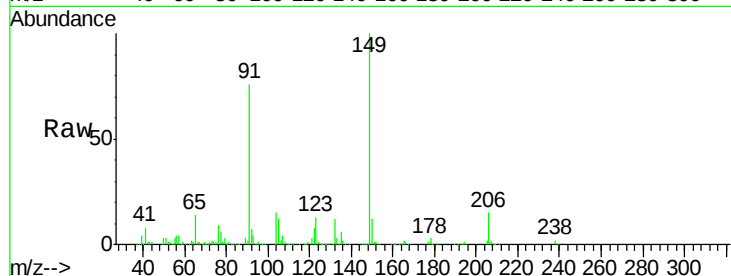




#79
Butylbenzylphthalate
Concen: 48.05 ng
RT: 13.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

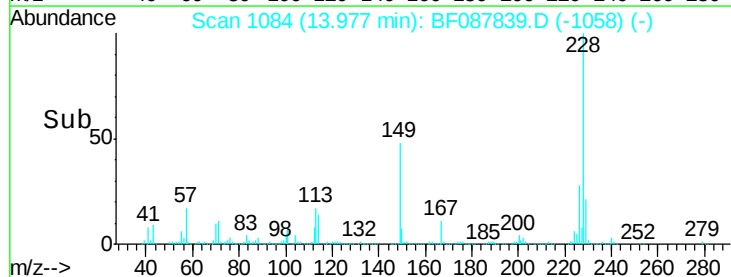
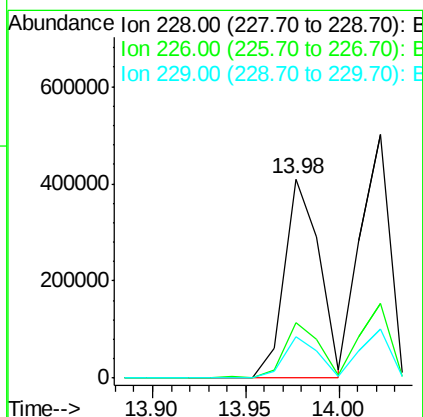
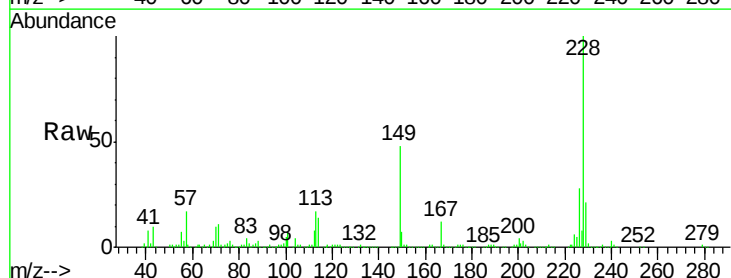
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

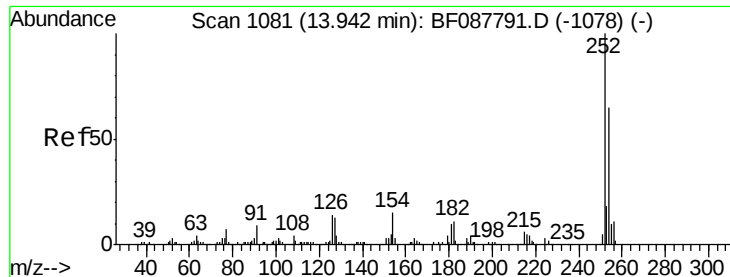
Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.5	48.0	72.0#
206	15.4	16.0	24.0#



#80
Benzo(a)anthracene
Concen: 48.30 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	20.5	16.0	24.0

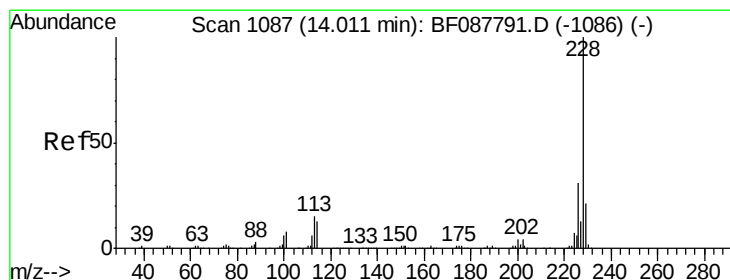
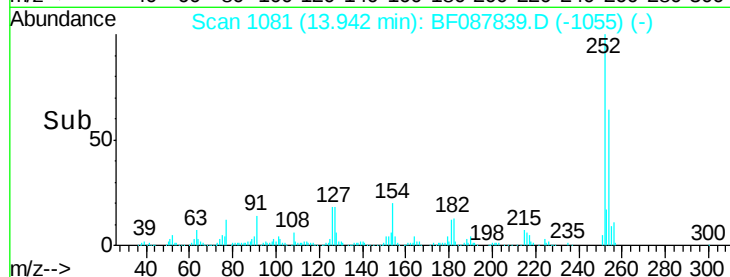
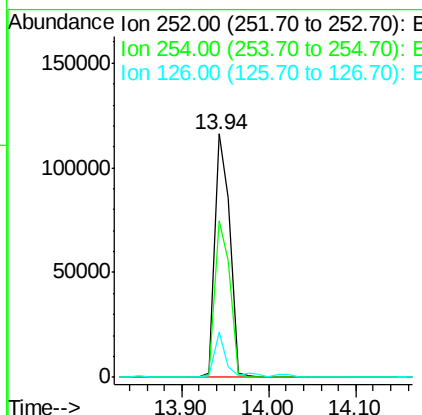
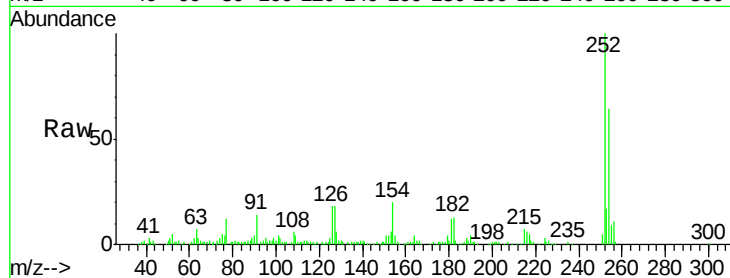




#81
 3,3'-Dichlorobenzidine
 Concen: 48.10 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

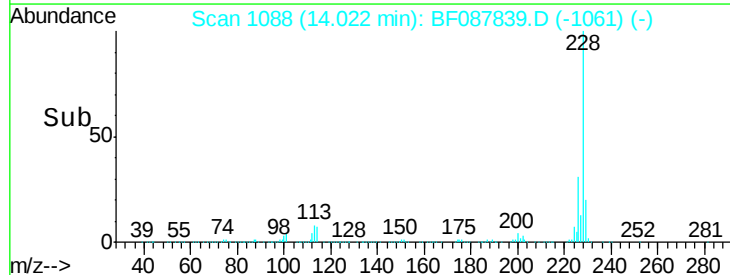
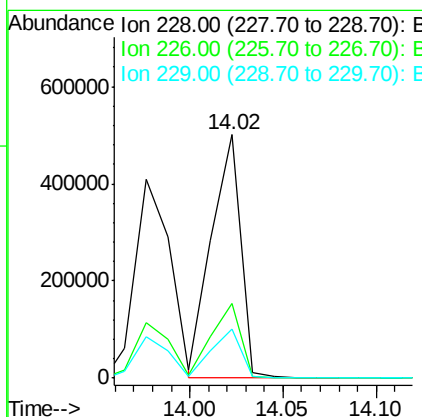
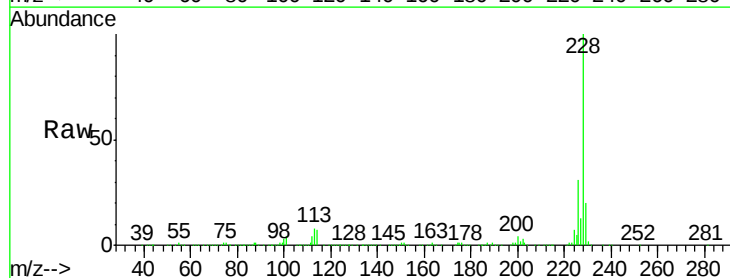
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

Tgt Ion:252 Resp: 143410
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.6 78.8
 126 18.4 6.2 9.2#



#82
 Chrysene
 Concen: 52.28 ng
 RT: 14.02 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion:228 Resp: 545256
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.2
 229 20.0 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.11 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

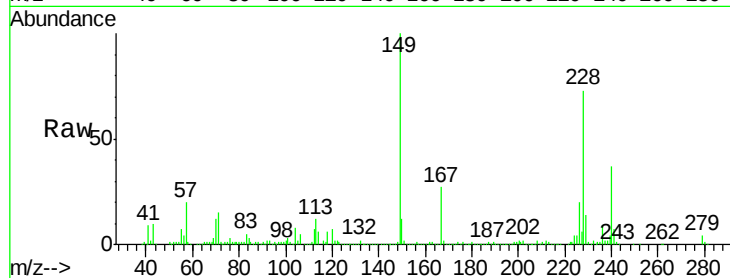
Tgt Ion:149 Resp: 420401

Ion Ratio Lower Upper

149 100

167 26.8 20.5 30.7

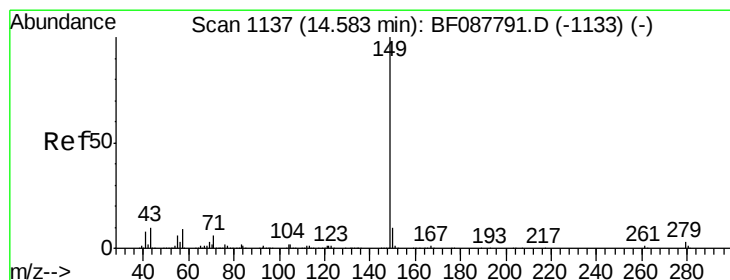
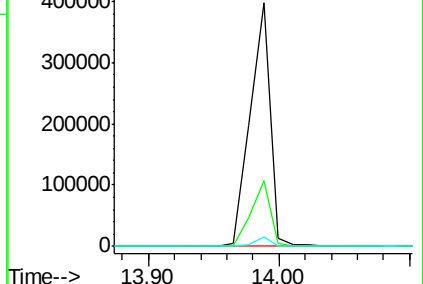
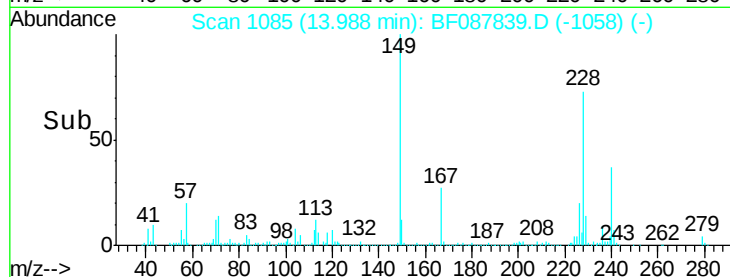
279 3.8 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 57.61 ng

RT: 14.59 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

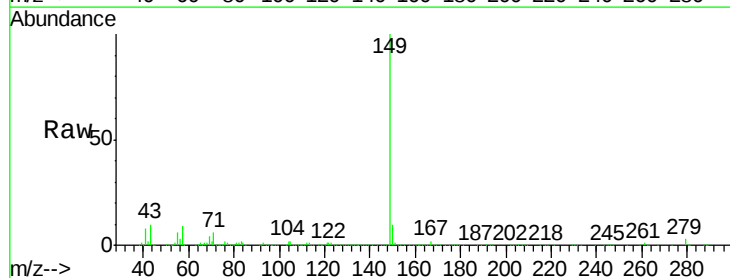
Tgt Ion:149 Resp: 727339

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

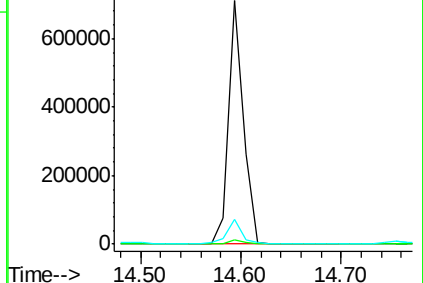
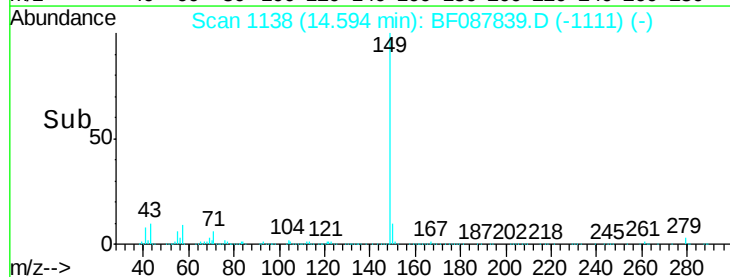
43 9.2 0.0 0.0#

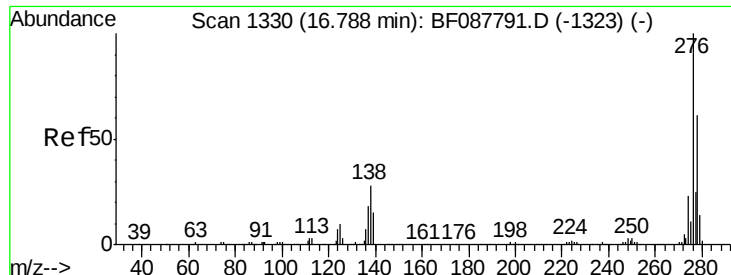


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

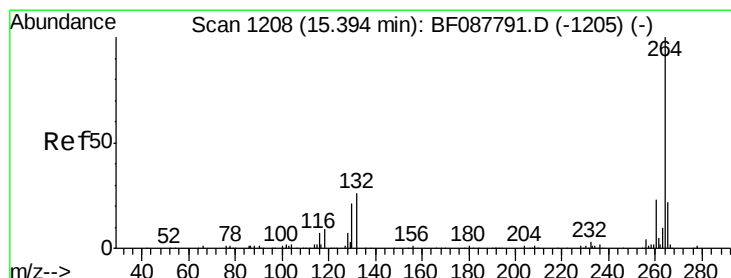
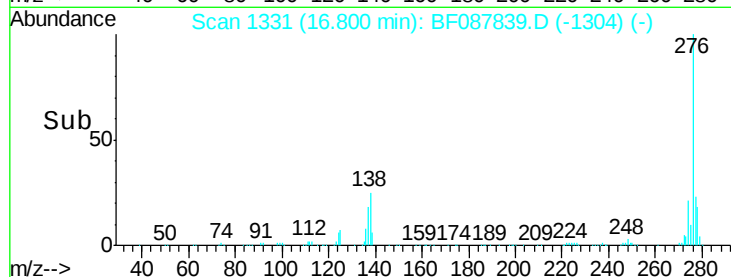
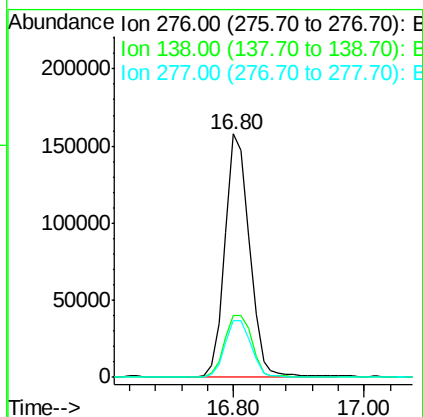
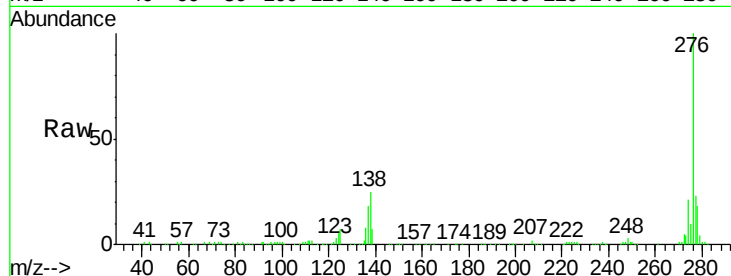




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.69 ng
 RT: 16.80 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

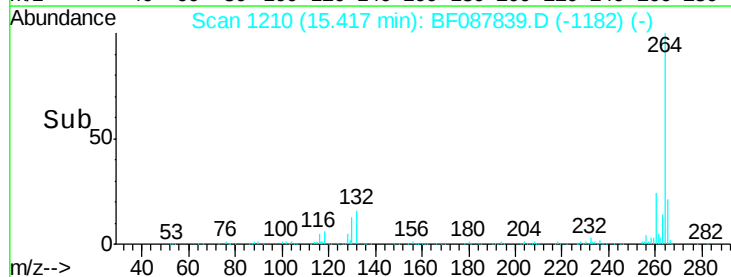
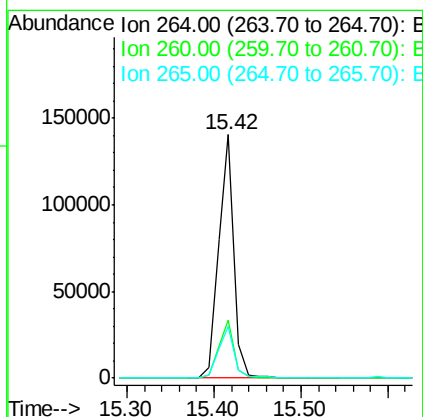
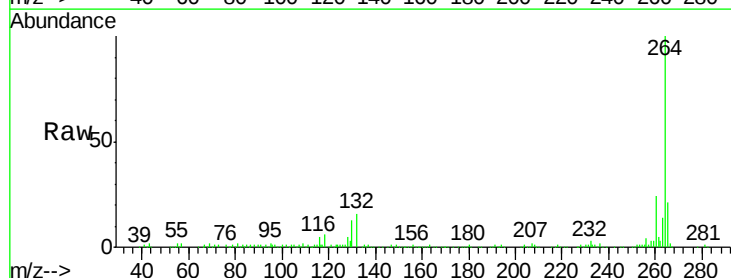
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MSD

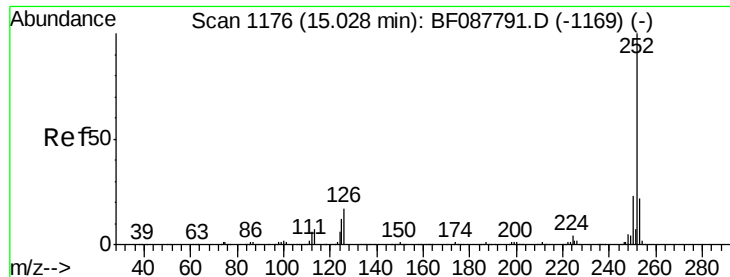
Tgt Ion: 276 Resp: 413661
 Ion Ratio Lower Upper
 276 100
 138 28.9 0.0 0.0#
 277 25.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: BF087839.D
 Acq: 9 Jun 2016 7:43

Tgt Ion: 264 Resp: 173119
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.3 16.9 25.3

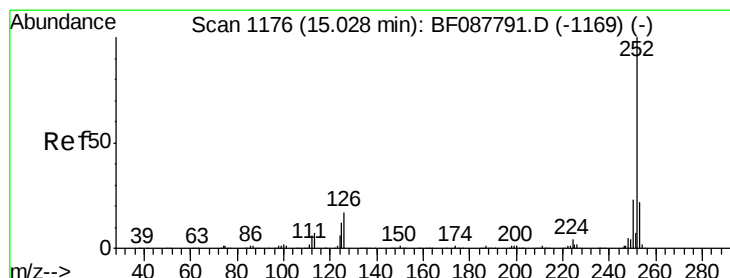
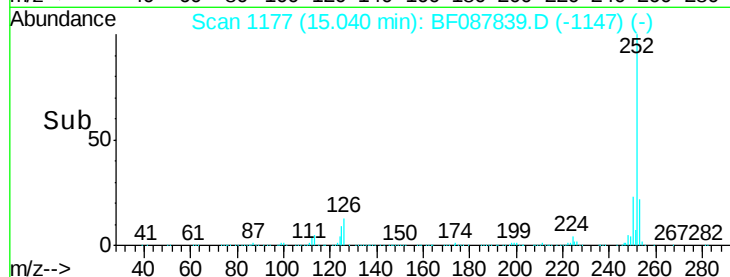
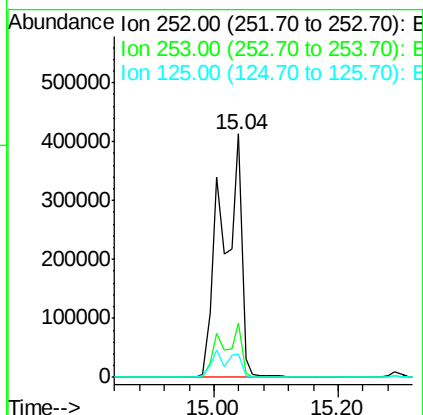
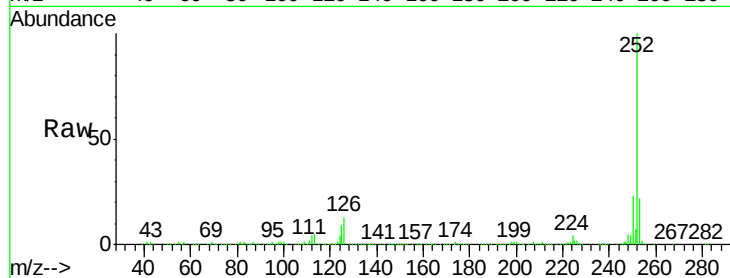




#87
Benzo(b)fluoranthene
Concen: 76.67 ng
RT: 15.04 min Scan# 1177
Delta R.T. 0.05 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

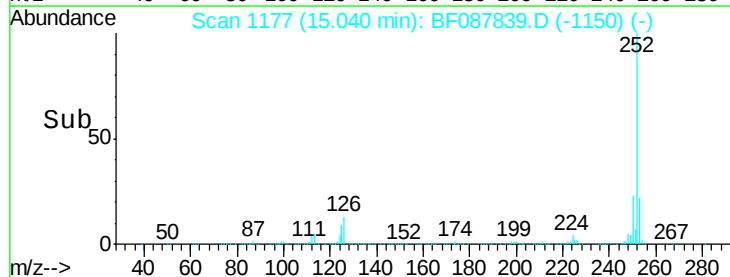
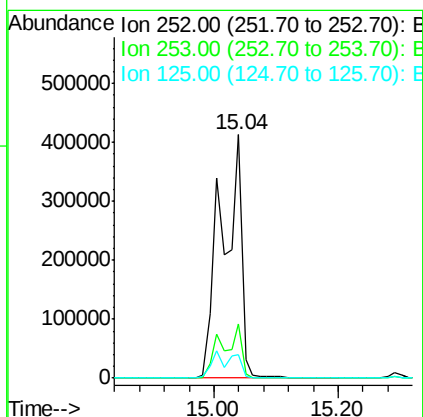
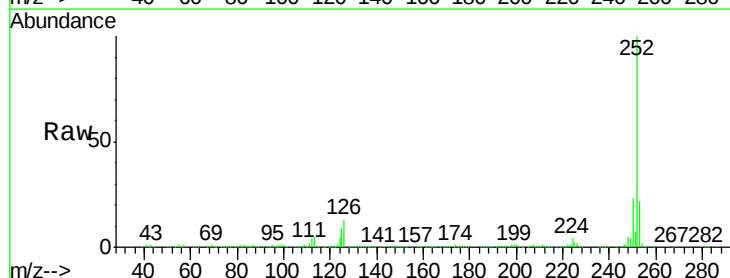
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MSD

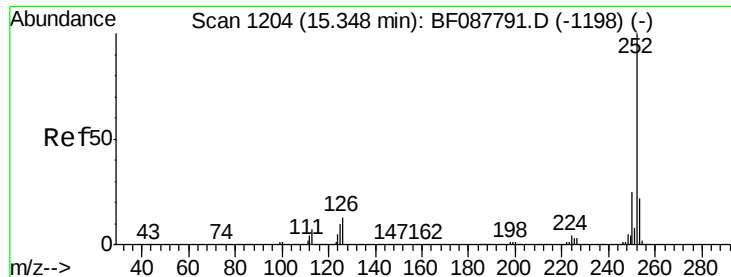
Tgt Ion:252 Resp: 925107
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.5 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 101.64 ng
RT: 15.04 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF087839.D
Acq: 9 Jun 2016 7:43

Tgt Ion:252 Resp: 925107
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.5 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 42.35 ng

RT: 15.36 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD

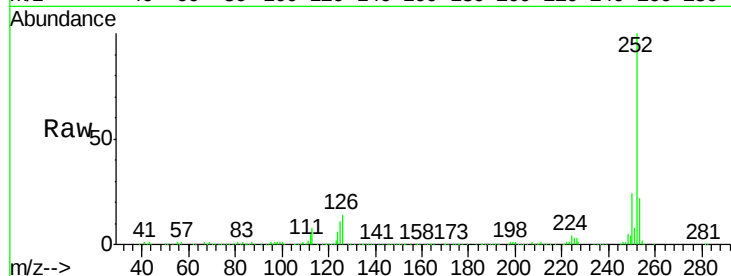
Tgt Ion:252 Resp: 413390

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

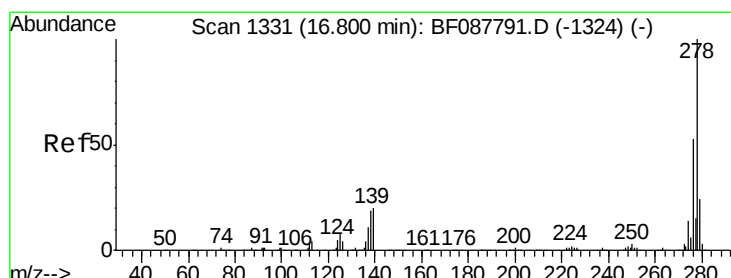
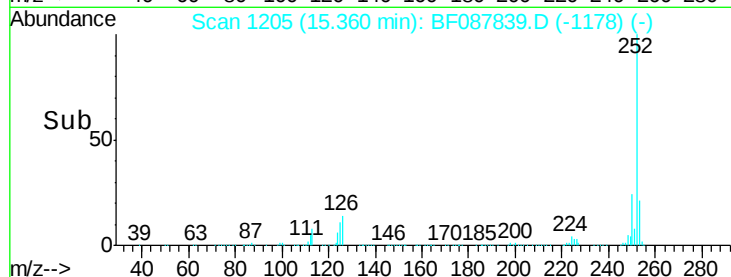
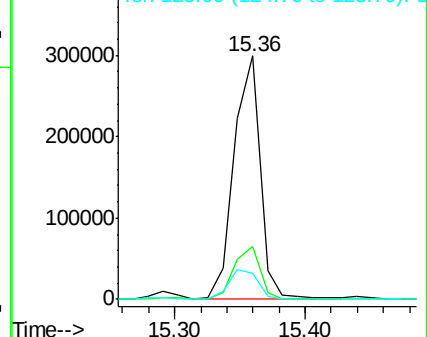
125 10.5 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.16 ng

RT: 16.82 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF087839.D

Acq: 9 Jun 2016 7:43

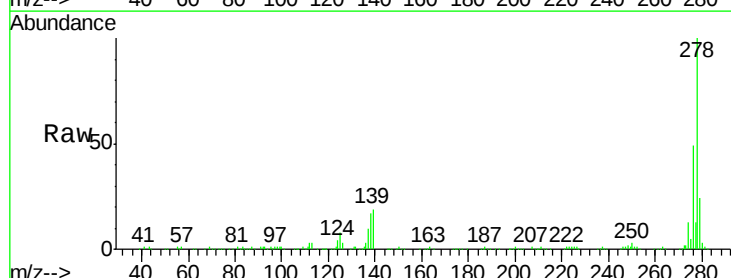
Tgt Ion:278 Resp: 345960

Ion Ratio Lower Upper

278 100

139 18.7 15.7 23.5

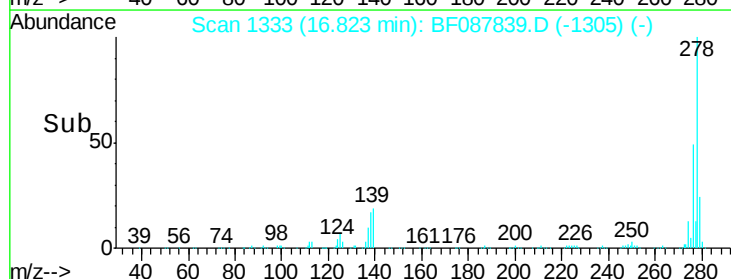
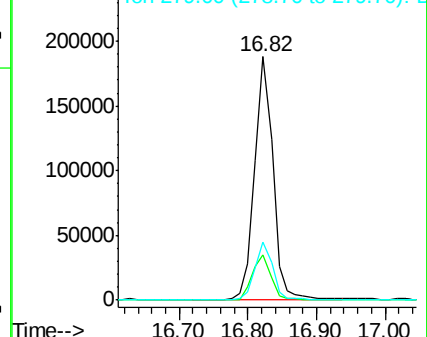
279 24.0 19.4 29.2

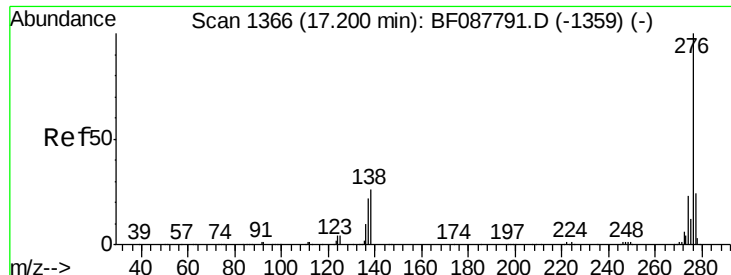


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.38 ng

RT: 17.22 min Scan# 1368

Delta R.T. 0.02 min

Lab File: BF087839.D

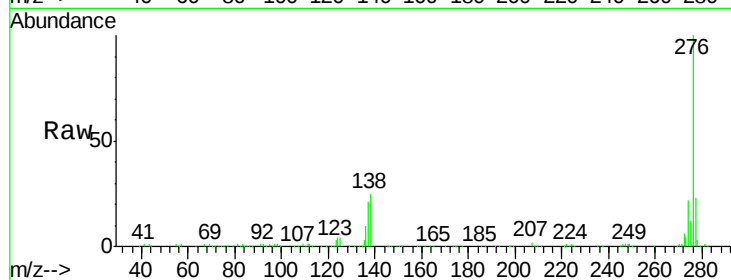
Acq: 9 Jun 2016 7:43

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MSD



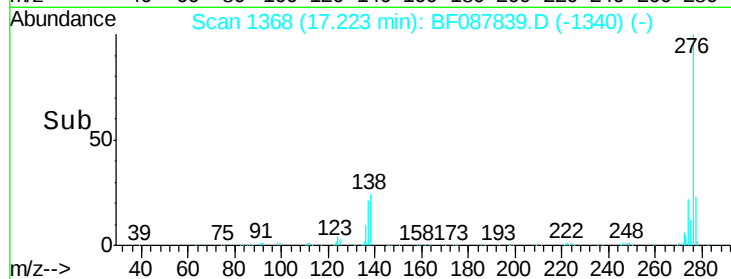
Tgt Ion: 276 Resp: 339338

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 24.6 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

