

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082366.D
 Acq On : 19 Oct 2015 20:19
 Operator : UM/IZ
 Sample : G3975-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX3

Quant Time: Oct 20 02:05:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97702	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	381328	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	193488	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	357476	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	327133	20.00	ng	-0.08
86) Perylene-d12	15.51	264	242611	20.00	ng	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	335483	69.30	ng	0.00
7) Phenol-d6	6.45	99	281931	44.75	ng	0.00
23) Nitrobenzene-d5	7.37	82	538126	94.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	219899	121.19	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1236883	106.01	ng	0.00
78) Terphenyl-d14	12.94	244	1174629	95.15	ng	-0.01

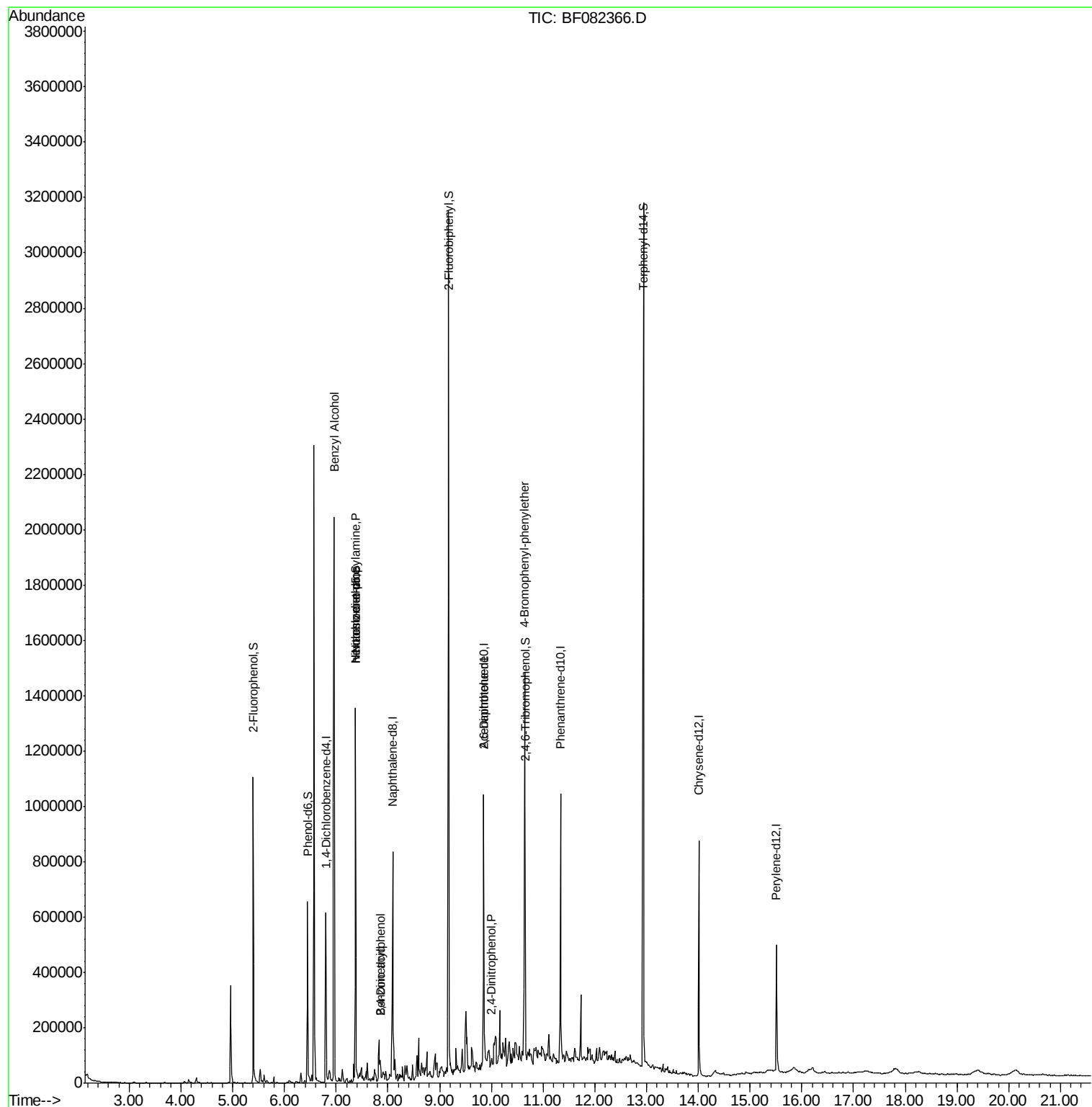
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.96	79	10570	2.43	ng	# 53
18) Hexachloroethane	7.37	117	14592	5.93	ng	# 10
19) n-Nitroso-di-n-propylamine	7.37	70	71389	16.14	ng	# 81
27) 2,4-Dimethylphenol	7.85	122	30162	6.10	ng	# 2
32) Benzoic acid	7.85	122	30162	9.09	ng	98
50) 2,6-Dinitrotoluene	9.85	165	27333	9.51	ng	# 38
53) 2,4-Dinitrophenol	10.00	184	211	6.52	ng	# 1
55) 4-Nitrophenol	10.00	139	1037	Below Cal		93
66) 4-Bromophenyl-phenylether	10.64	248	16527	4.62	ng	# 1

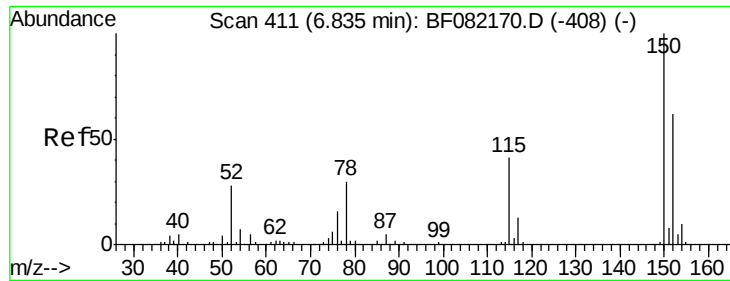
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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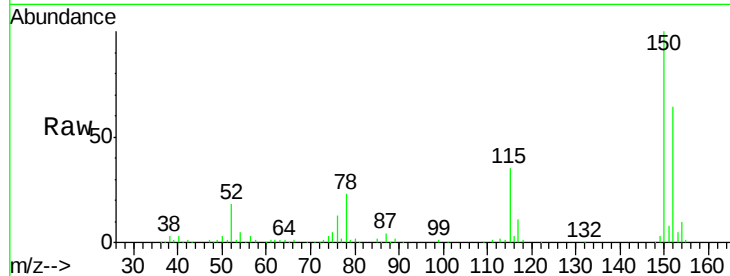


#1

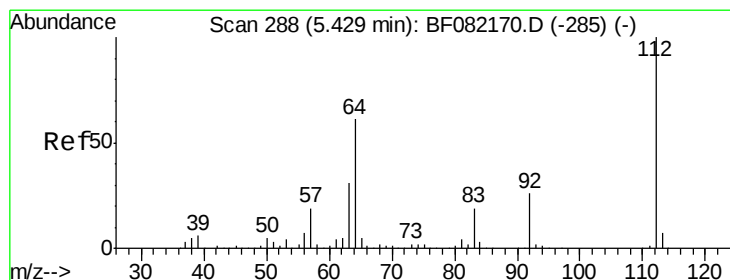
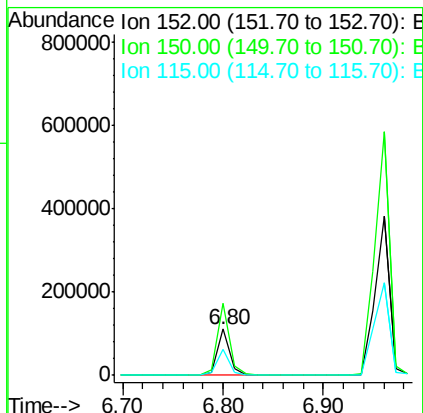
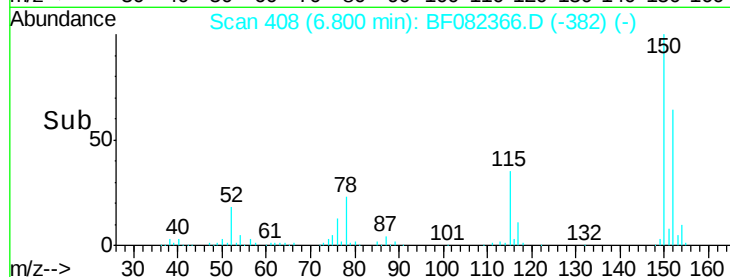
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF082366.D
 Acq: 19 Oct 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 PX3

Tot Ion:152 Resp: 97702
 Ion Ratio Lower Upper
 152 100
 150 157.1 129.0 193.4
 115 55.4 52.1 78.1



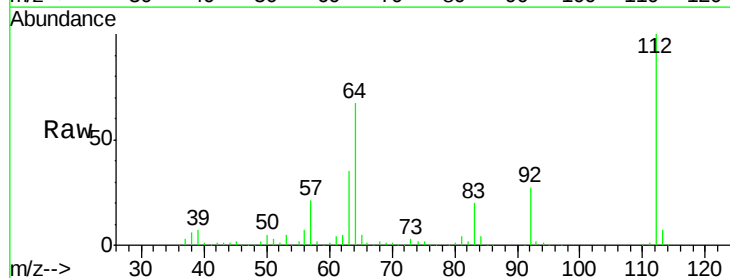
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



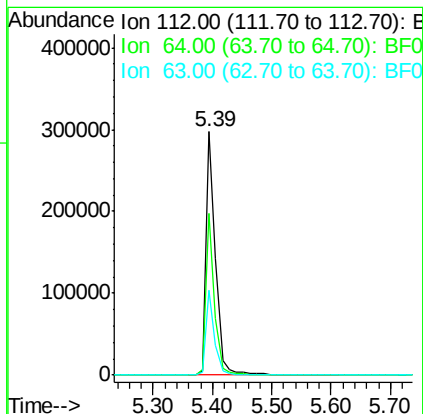
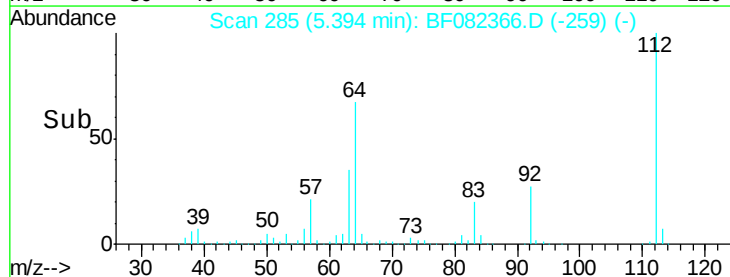
#5

2-Fluorophenol
 Concen: 69.30 ng
 RT: 5.39 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BF082366.D
 Acq: 19 Oct 2015 20:19

Tgt Ion:112 Resp: 335483
 Ion Ratio Lower Upper
 112 100
 64 66.5 48.6 73.0
 63 35.0 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.75 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

Instrument :

BNA_F

ClientSampleId :

PX3

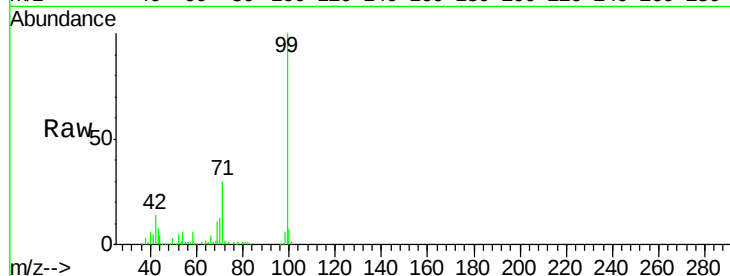
Tot Ion: 99 Resp: 281931

Ion Ratio Lower Upper

99 100

42 14.4 13.2 19.8

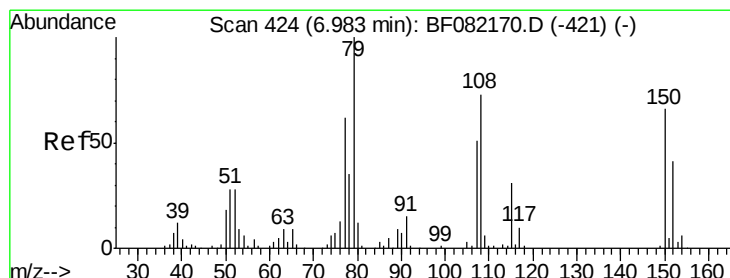
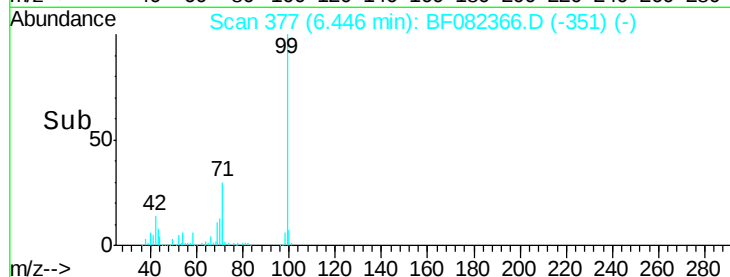
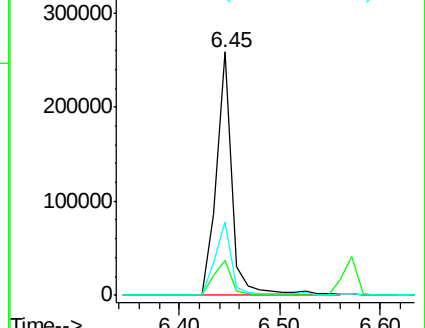
71 30.2 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.43 ng

RT: 6.96 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

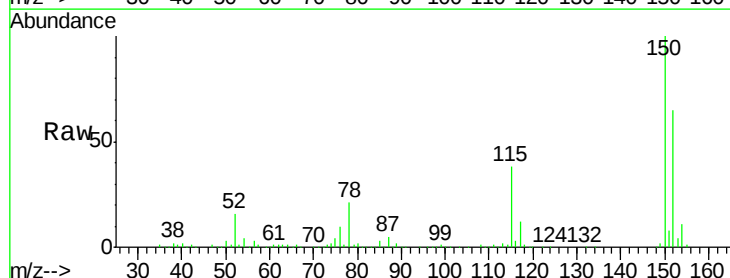
Tgt Ion: 79 Resp: 10570

Ion Ratio Lower Upper

79 100

108 38.0 58.4 87.6#

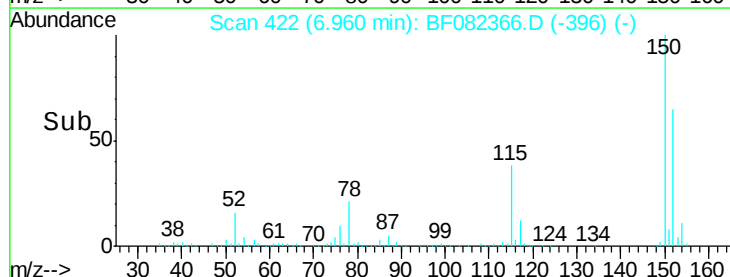
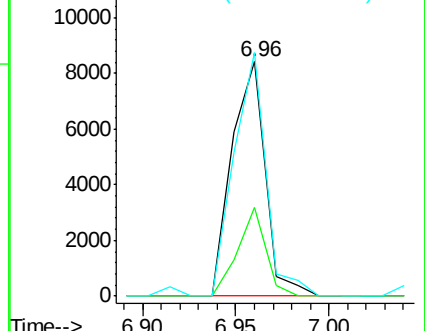
77 103.9 49.8 74.6#

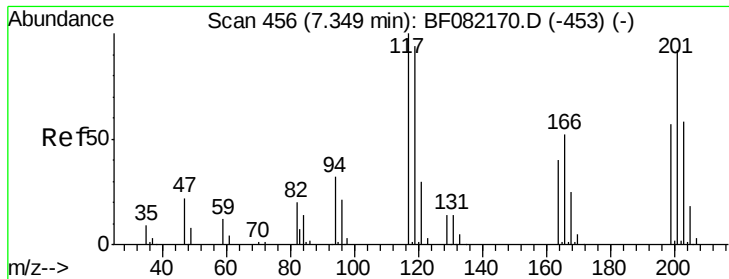


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

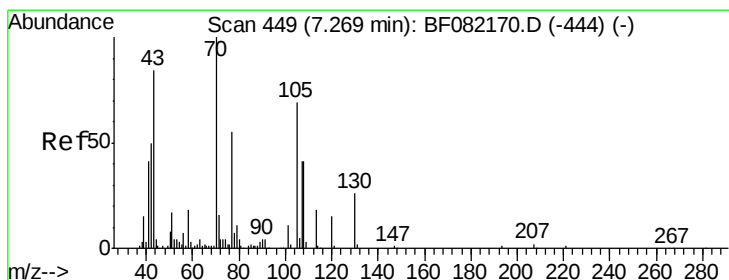
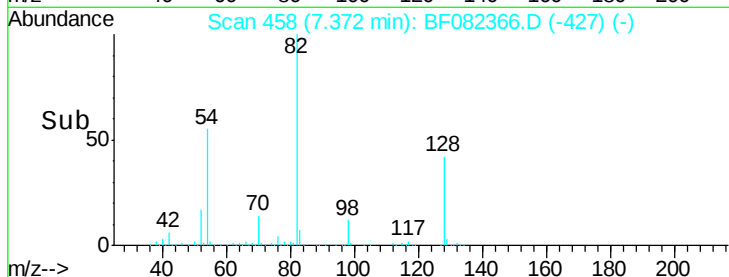
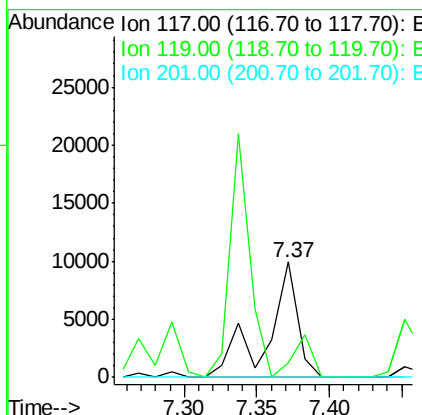
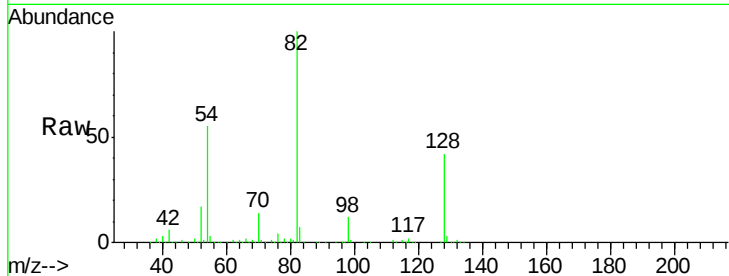




#18
Hexachloroethane
Concen: 5.93 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.06 min
Lab File: BF082366.D
Acq: 19 Oct 2015 20:19

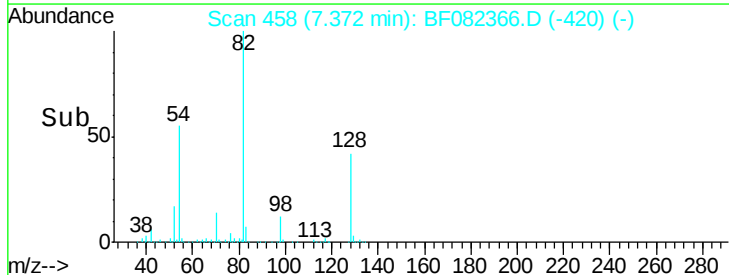
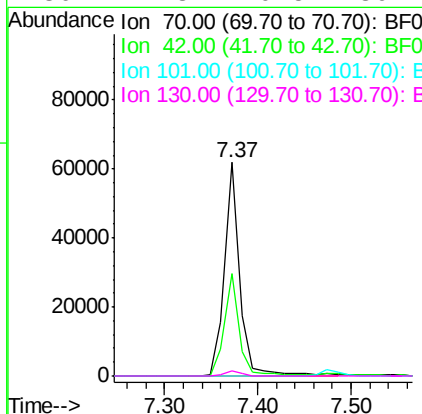
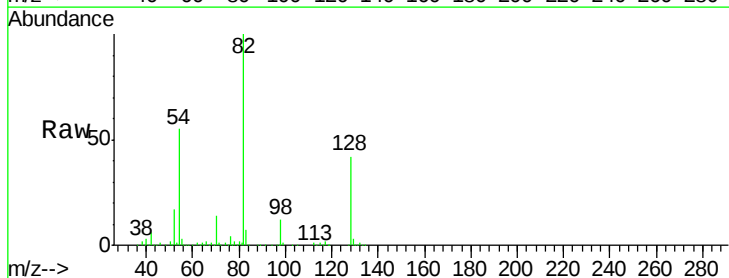
Instrument :
BNA_F
ClientSampled :
PX3

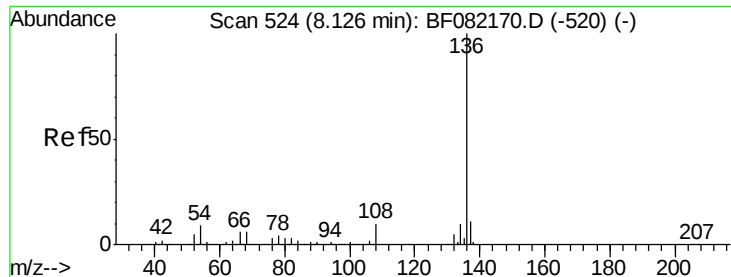
Tot Ion:117 Resp: 14592
Ion Ratio Lower Upper
117 100
119 13.0 75.4 113.2#
201 0.0 73.4 110.0#



#19
n-Nitroso-di-n-propylamine
Concen: 16.14 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.14 min
Lab File: BF082366.D
Acq: 19 Oct 2015 20:19

Tgt Ion: 70 Resp: 71389
Ion Ratio Lower Upper
70 100
42 47.7 39.8 59.8
101 0.0 8.6 13.0#
130 2.3 20.5 30.7#

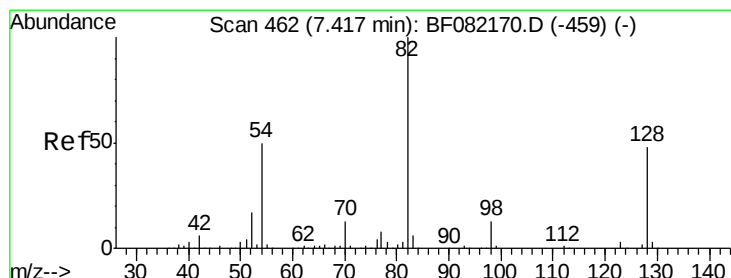
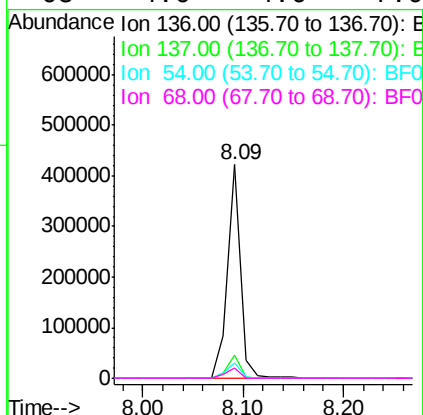
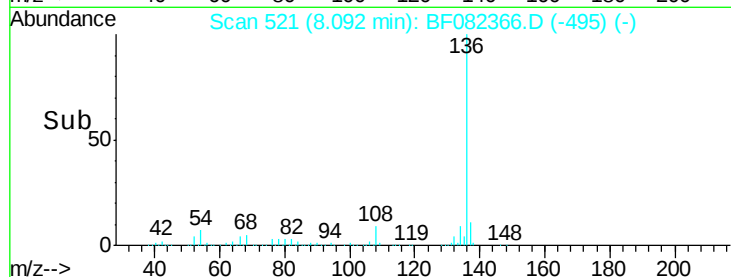
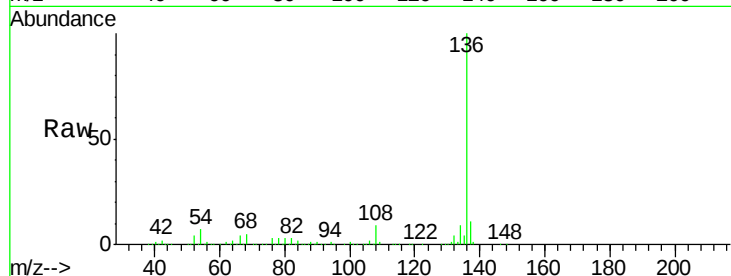




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF082366.D
Acq: 19 Oct 2015 20:19

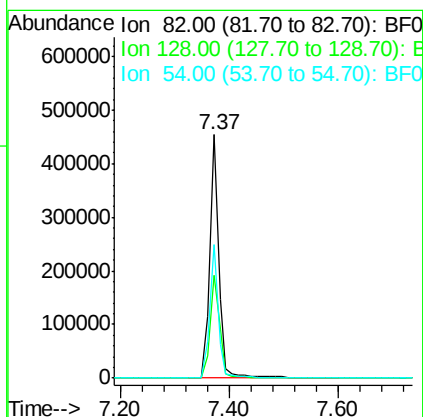
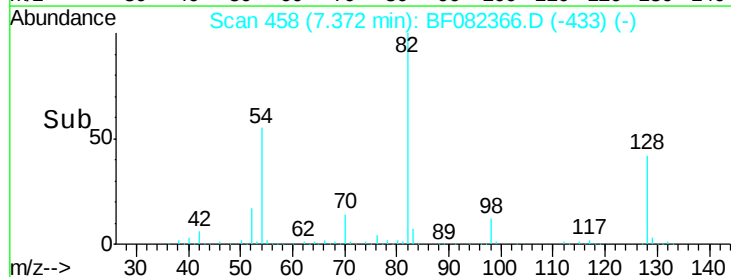
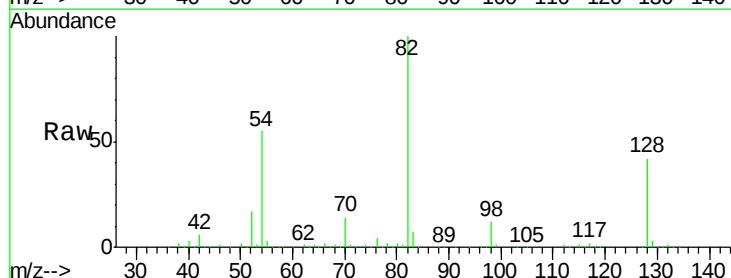
Instrument :
BNA_F
ClientSampleId :
PX3

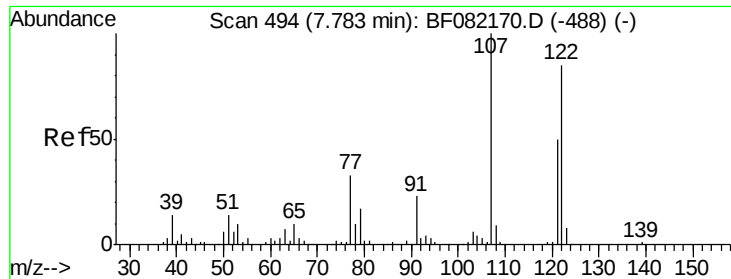
Tot Ion:136	Resp:	381328
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	7.3	7.5 11.3#
68	4.6	4.6 7.0



#23
Nitrobenzene-d5
Concen: 94.77 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF082366.D
Acq: 19 Oct 2015 20:19

Tgt Ion: 82	Resp:	538126
Ion Ratio	Lower	Upper
82	100	
128	42.4	38.7 58.1
54	54.6	40.1 60.1

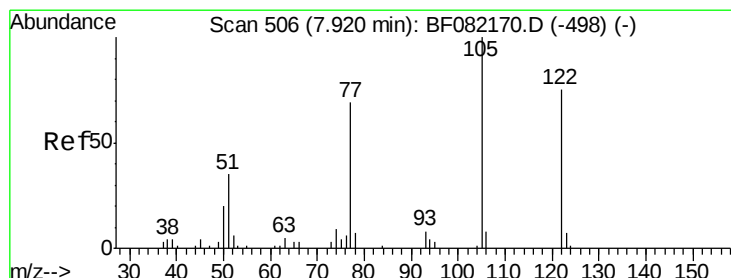
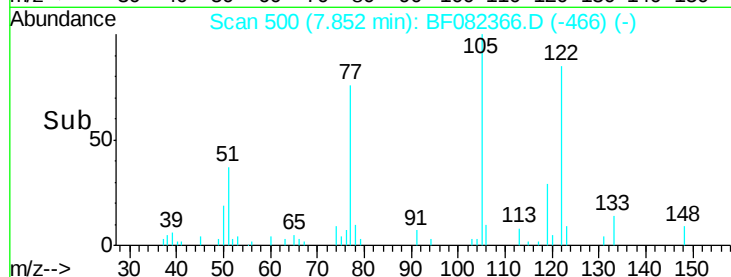
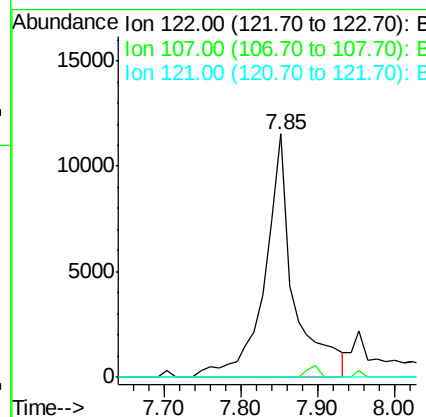
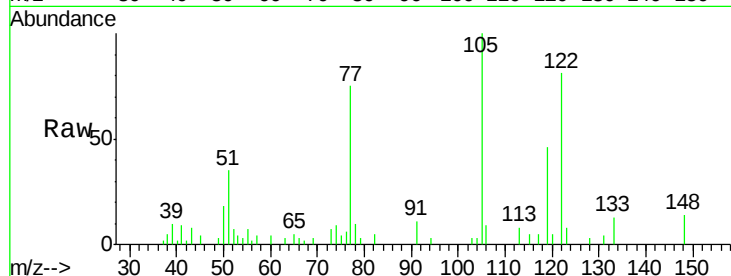




#27
2,4-Dimethylphenol
Concen: 6.10 ng
RT: 7.85 min Scan# 500
Delta R.T. 0.09 min
Lab File: BF082366.D
Acq: 19 Oct 2015 20:19

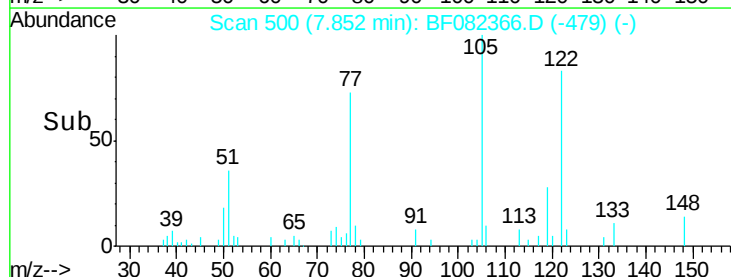
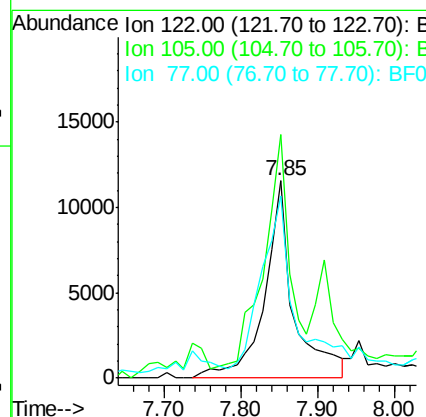
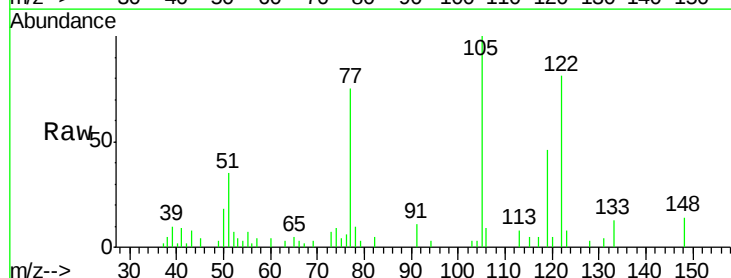
Instrument :
BNA_F
ClientSampleId :
PX3

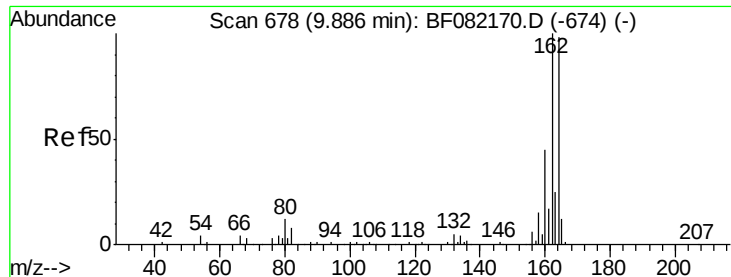
Tot Ion:122 Resp: 30162
Ion Ratio Lower Upper
122 100
107 0.0 94.0 141.0#
121 0.0 46.8 70.2#



#32
Benzoic acid
Concen: 9.09 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.06 min
Lab File: BF082366.D
Acq: 19 Oct 2015 20:19

Tgt Ion:122 Resp: 30162
Ion Ratio Lower Upper
122 100
105 123.6 104.4 144.4
77 92.3 69.0 109.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

Instrument :

BNA_F

ClientSampleId :

PX3

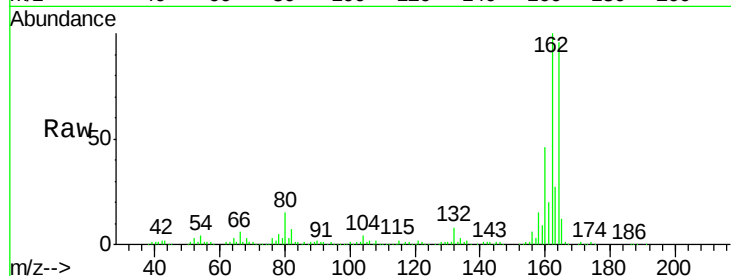
Tot Ion:164 Resp: 193488

Ion Ratio Lower Upper

164 100

162 104.4 81.6 122.4

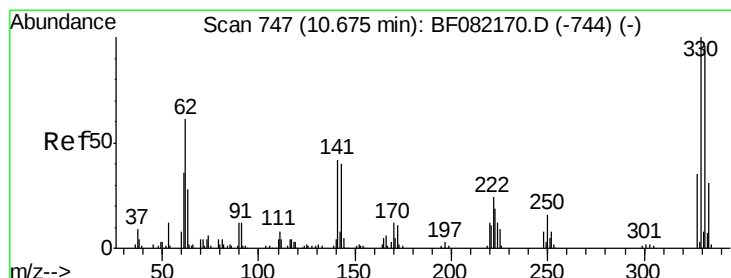
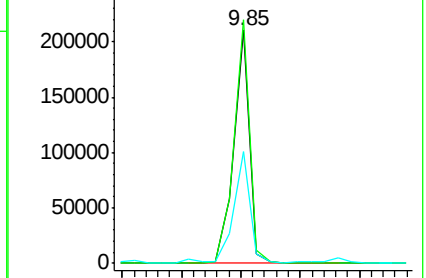
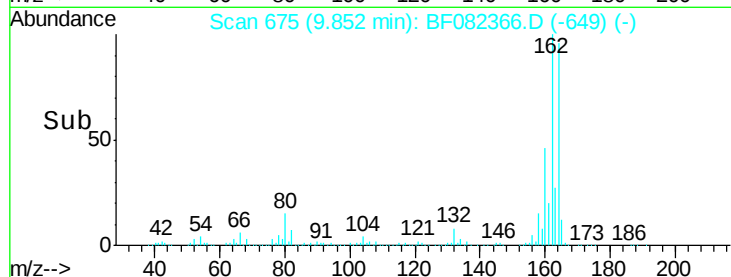
160 48.1 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 121.19 ng

RT: 10.65 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

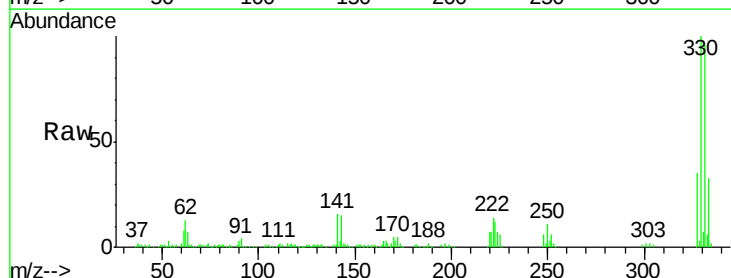
Tgt Ion:330 Resp: 219899

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

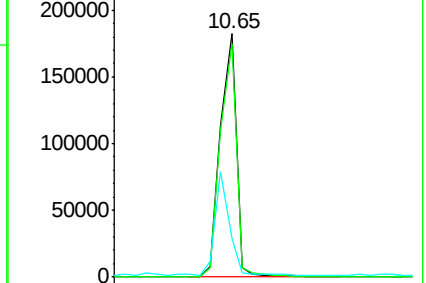
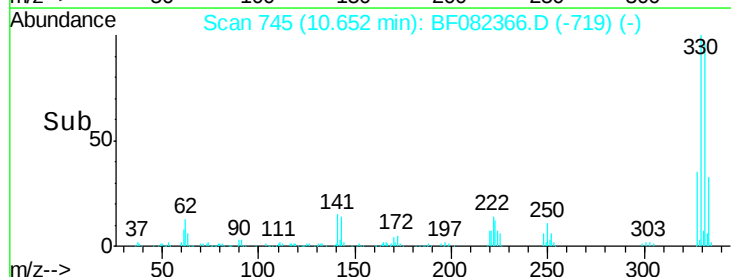
141 39.1 29.8 44.8

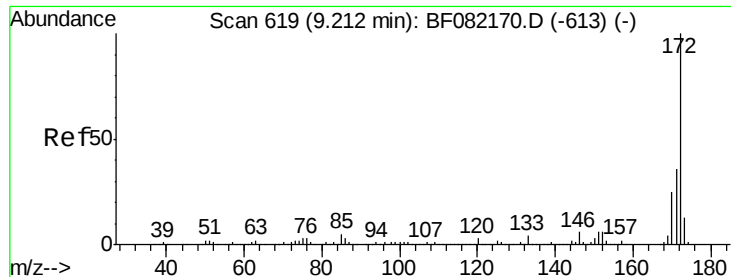


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



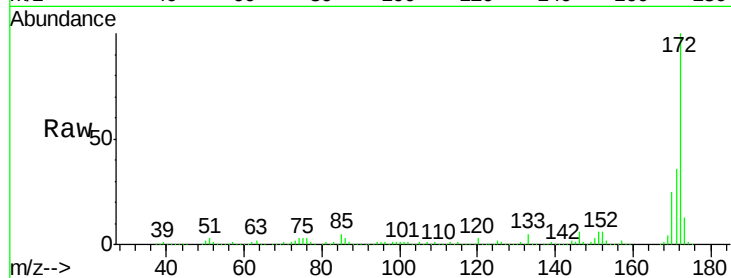


#44
 2-Fluorobiphenyl
 Concen: 106.01 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF082366.D
 Acq: 19 Oct 2015 20:19

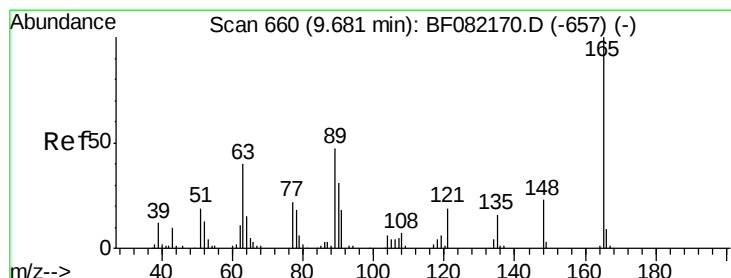
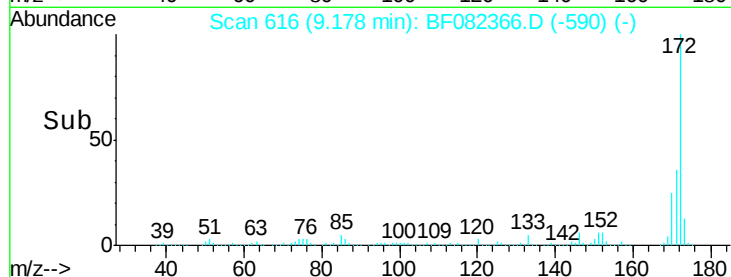
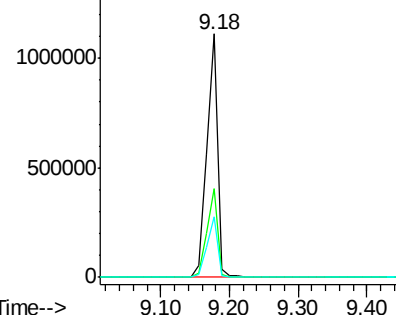
Instrument :
 BNA_F
 ClientSampleID :
 PX3

Tot Ion:172 Resp: 1236883

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.7	19.7	29.5



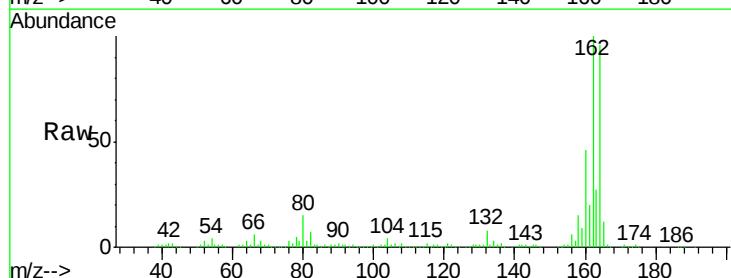
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



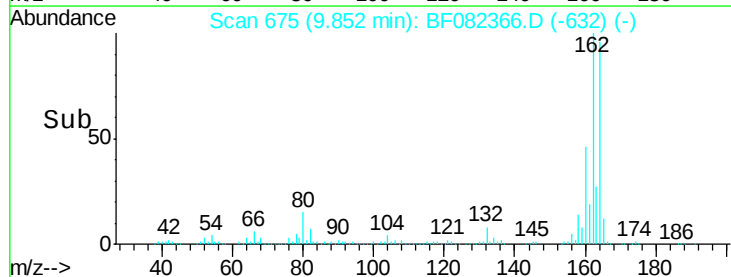
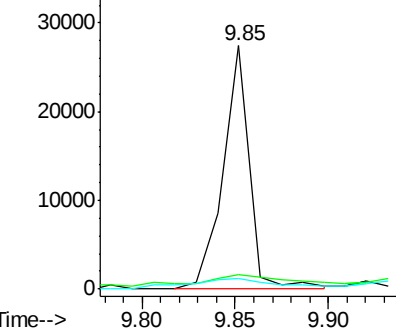
#50
 2,6-Dinitrotoluene
 Concen: 9.51 ng
 RT: 9.85 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF082366.D
 Acq: 19 Oct 2015 20:19

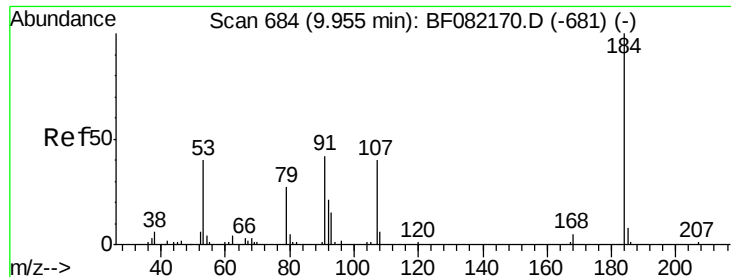
Tgt Ion:165 Resp: 27333

Ion	Ratio	Lower	Upper
165	100		
63	6.0	36.7	55.1#
89	4.3	37.8	56.6#



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

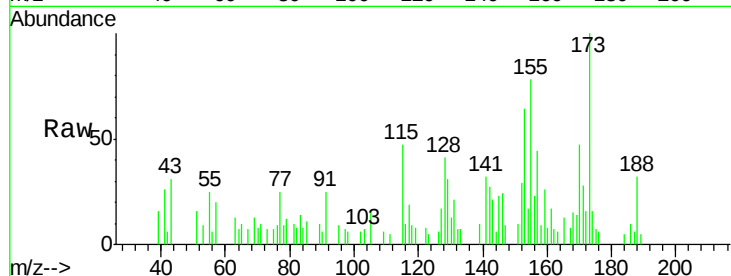




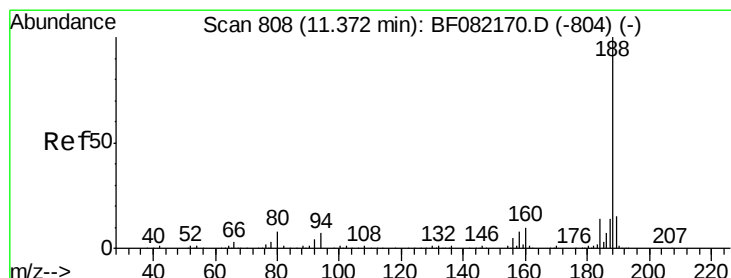
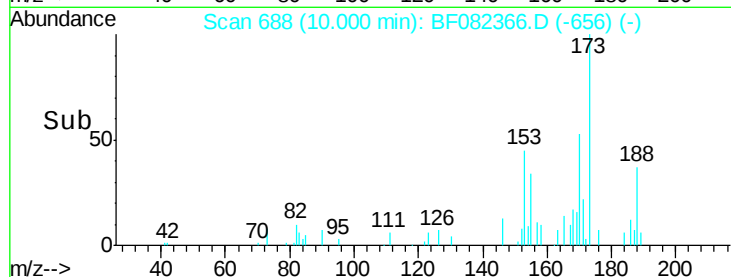
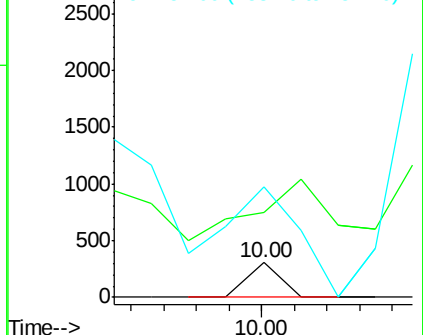
#53
2,4-Dinitrophenol
Concen: 6.52 ng
RT: 10.00 min Scan# 688
Delta R.T. 0.07 min
Lab File: BF082366.D
Acq: 19 Oct 2015 20:19

Instrument :
BNA_F
ClientSampleId :
PX3

Tot Ion:184 Resp: 211
Ion Ratio Lower Upper
184 100
63 242.7 45.1 67.7#
154 317.9 51.2 76.8#

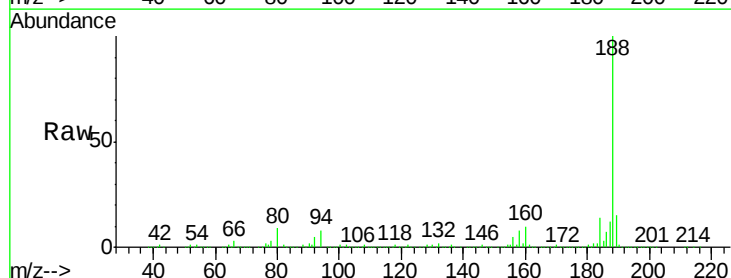


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

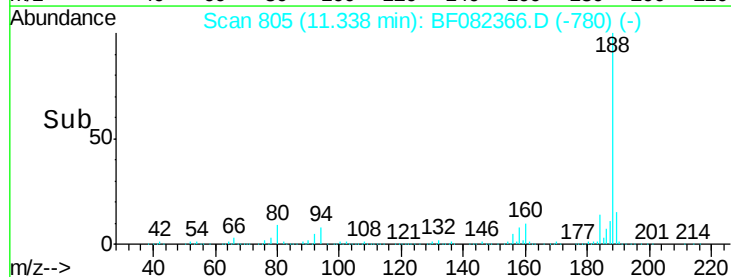
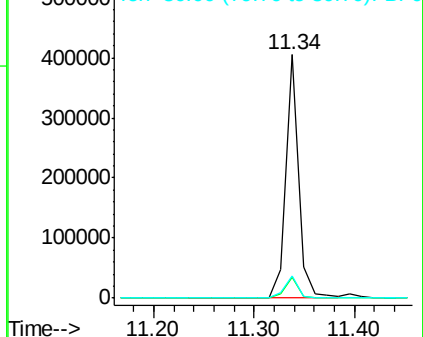


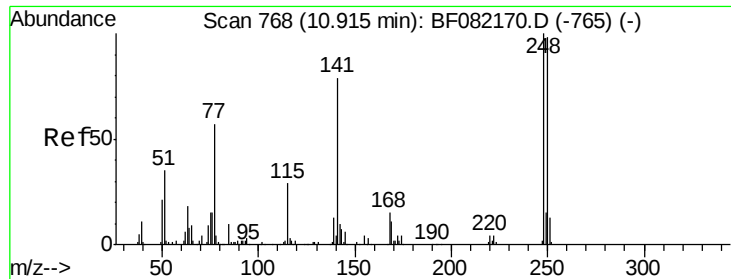
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF082366.D
Acq: 19 Oct 2015 20:19

Tgt Ion:188 Resp: 357476
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.6
80 8.9 6.4 9.6



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





#66

4-Bromophenyl-phenylether

Concen: 4.62 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

Instrument :

BNA_F

ClientSampled :

PX3

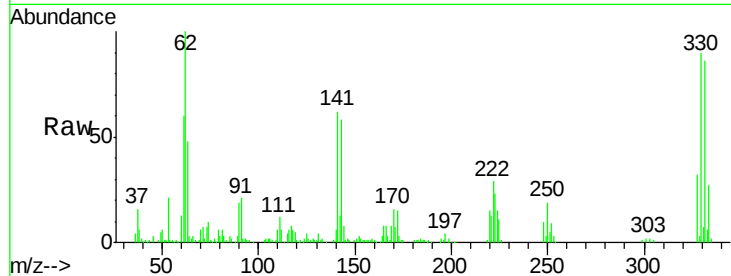
Tot Ion:248 Resp: 16527

Ion Ratio Lower Upper

248 100

250 198.2 78.6 117.8#

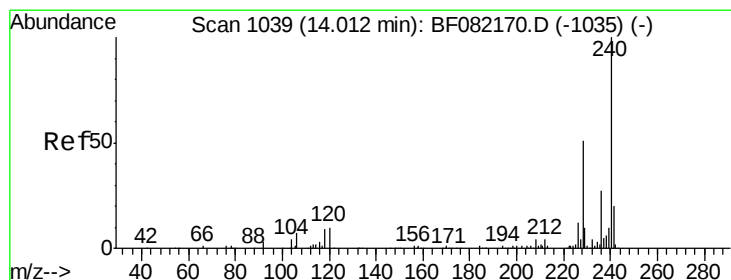
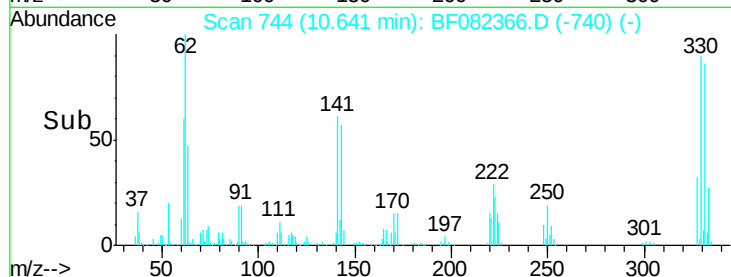
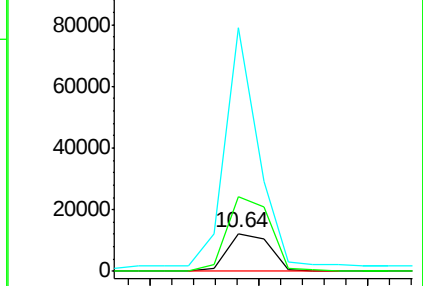
141 648.6 63.3 94.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.08 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

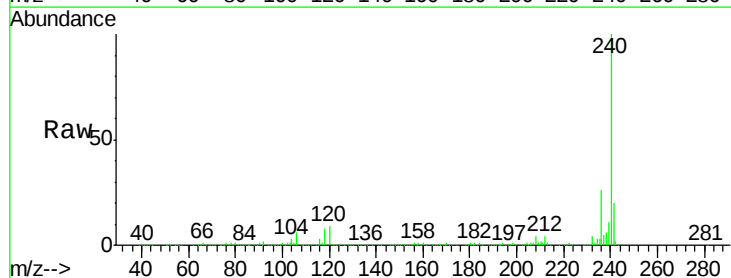
Tgt Ion:240 Resp: 327133

Ion Ratio Lower Upper

240 100

120 9.0 8.1 12.1

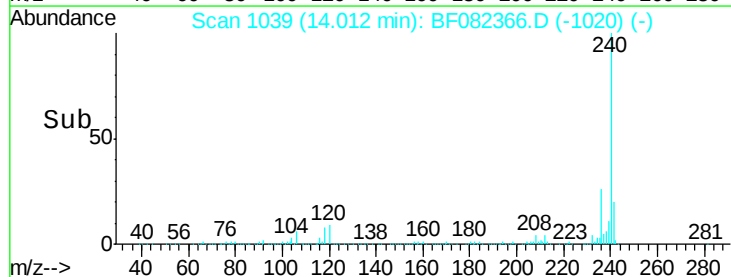
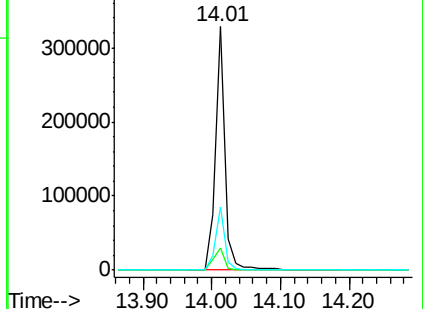
236 26.0 21.3 31.9

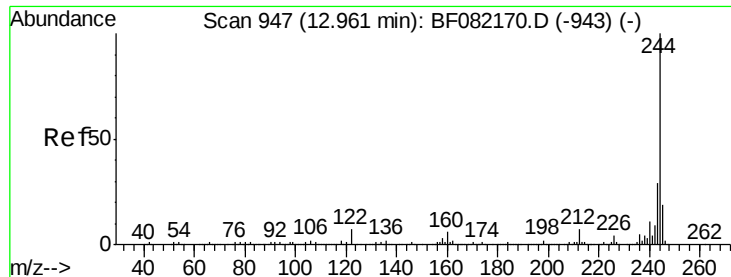


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.15 ng

RT: 12.94 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

Instrument :

BNA_F

ClientSampled :

PX3

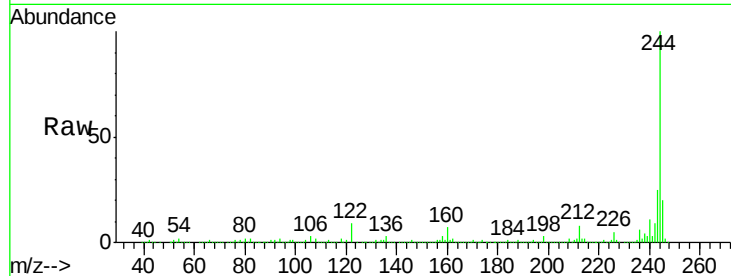
Tot Ion:244 Resp: 1174629

Ion Ratio Lower Upper

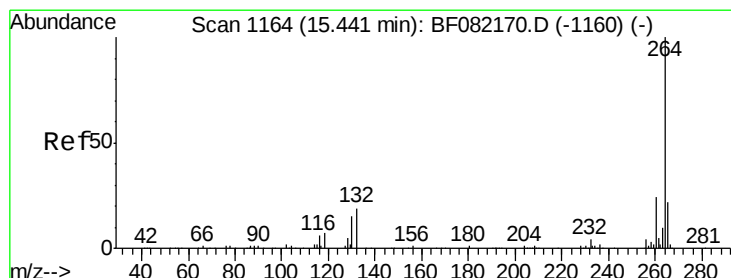
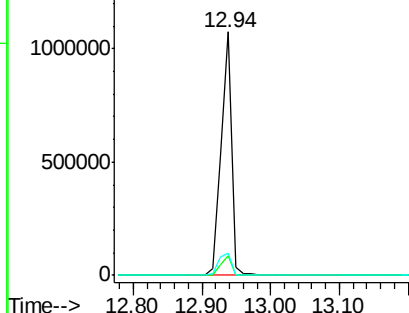
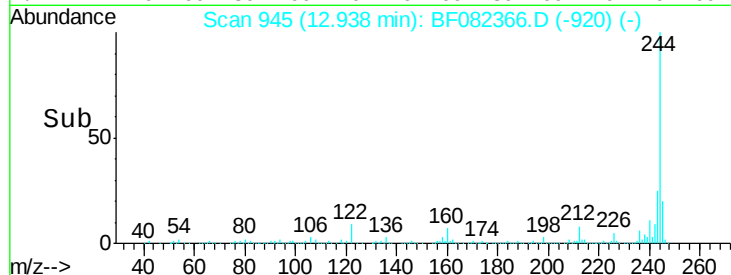
244 100

212 8.2 5.8 8.6

122 9.3 5.9 8.9#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1170

Delta R.T. -0.16 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

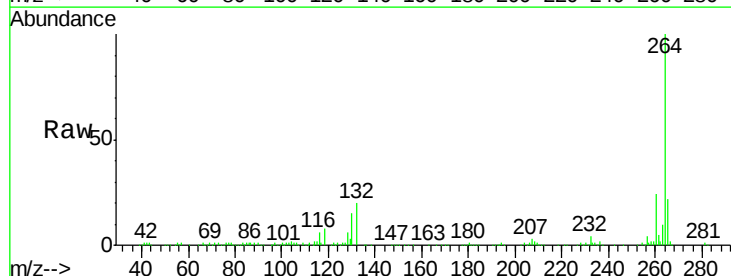
Tgt Ion:264 Resp: 242611

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.6 17.3 25.9



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

