

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087145.D
 Acq On : 18 May 2016 15:54
 Operator : UM/SJ
 Sample : H3100-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-TTO

Quant Time: May 19 03:50:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

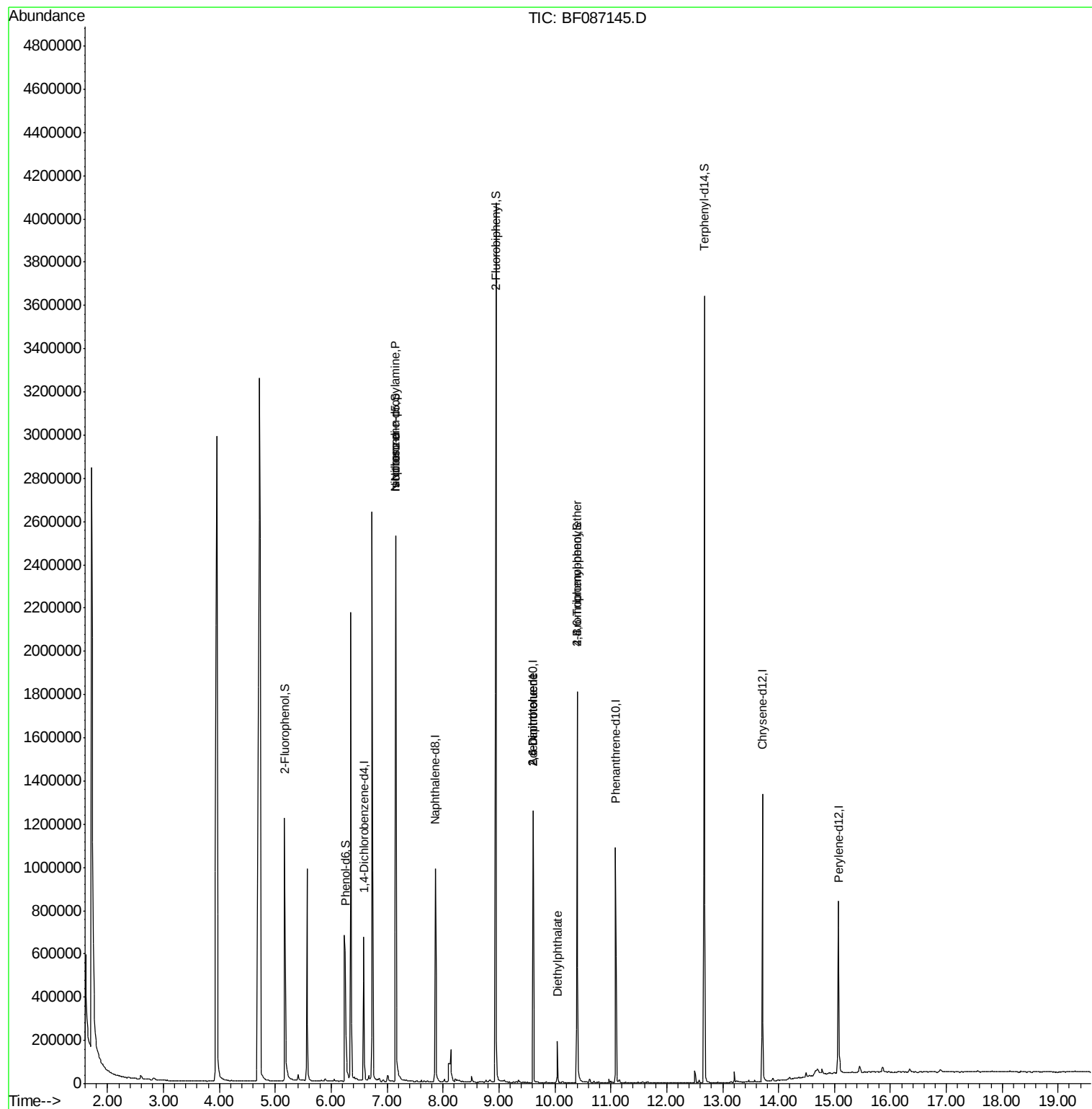
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	123867	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	504770	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	242705	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	458244	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	443314	20.00	ng	-0.05
86) Perylene-d12	15.07	264	408933	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	398226	54.04	ng	-0.03
7) Phenol-d6	6.25	99	366426	37.07	ng	-0.03
23) Nitrobenzene-d5	7.15	82	792688	78.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	212128	79.09	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1333833	91.02	ng	-0.03
78) Terphenyl-d14	12.67	244	1169819	59.69	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.24	77	601	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.15	70	113463	15.10	ng	# 71
25) Isophorone	7.15	82	635587	34.28	ng	# 68
50) 2,6-Dinitrotoluene	9.61	165	31271	7.78	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	31271	6.07	ng	# 16
59) Diethylphthalate	10.04	149	63680	3.60	ng	99
66) 4-Bromophenyl-phenylether	10.40	248	12570	2.67	ng	# 1

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

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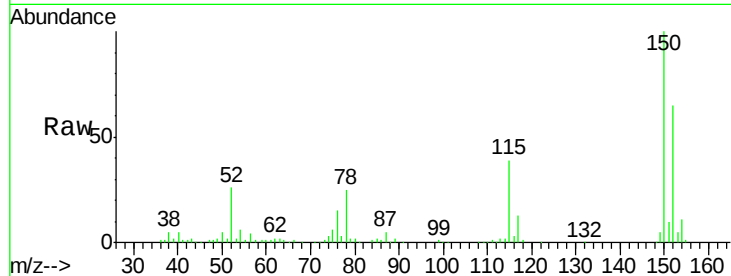


#1

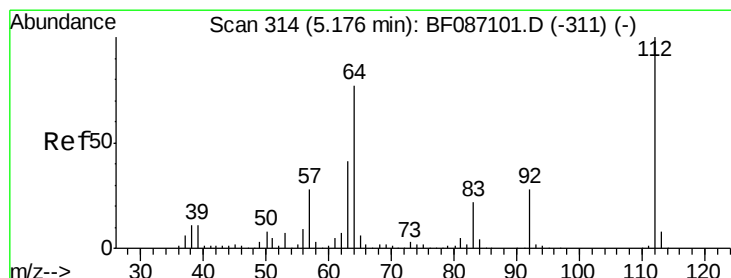
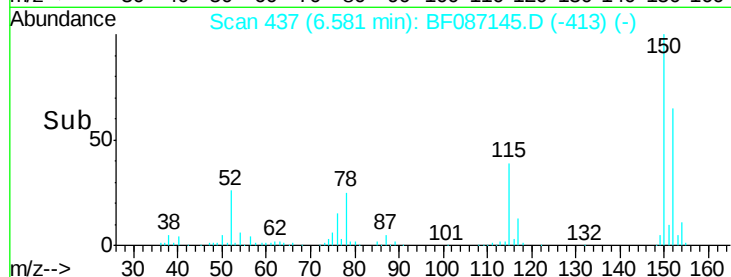
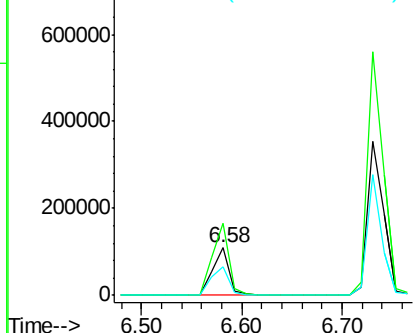
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087145.D
Acq: 18 May 2016 15:54

Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.8	188.6
115	59.9	51.5	77.3



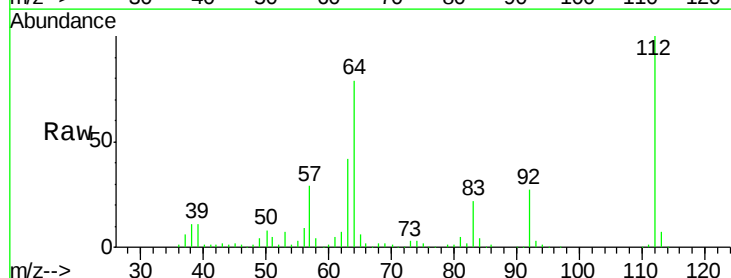
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



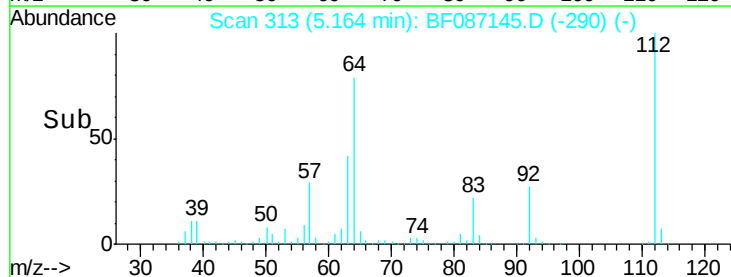
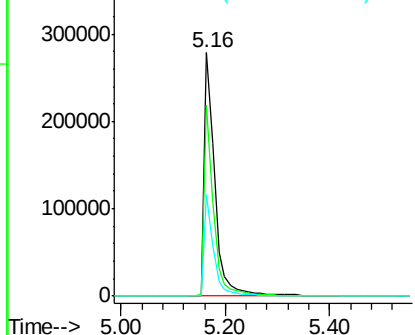
#5

2-Fluorophenol
Concen: 54.04 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087145.D
Acq: 18 May 2016 15:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.6	52.1	78.1#
63	41.7	25.7	38.5#



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: 37.07 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

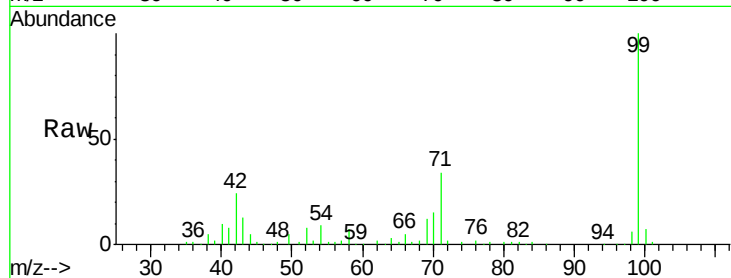
Tgt Ion: 99 Resp: 366426

Ion Ratio Lower Upper

99 100

42 24.0 13.6 20.4#

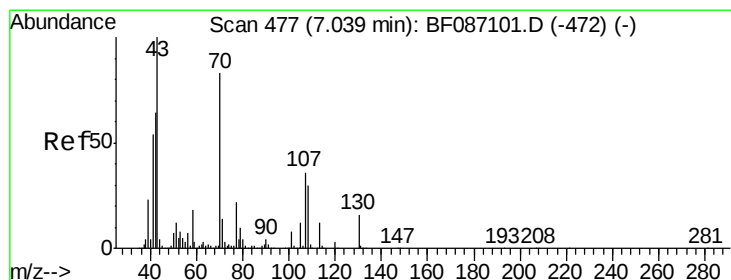
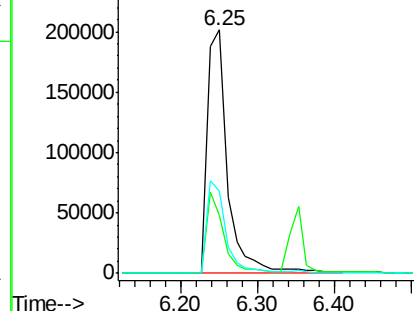
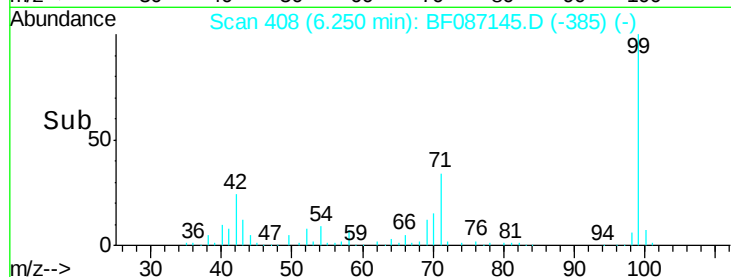
71 33.9 24.6 36.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.10 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.10 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

Tgt Ion: 70 Resp: 113463

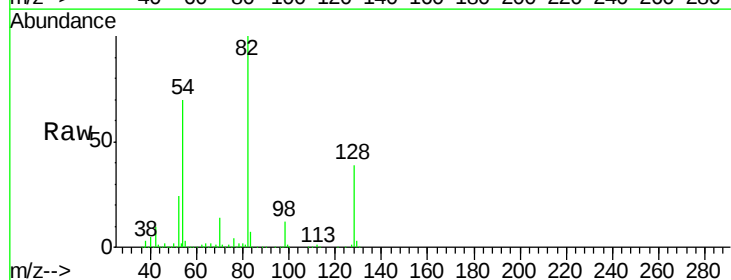
Ion Ratio Lower Upper

70 100

42 70.0 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

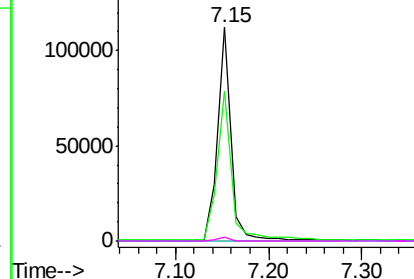
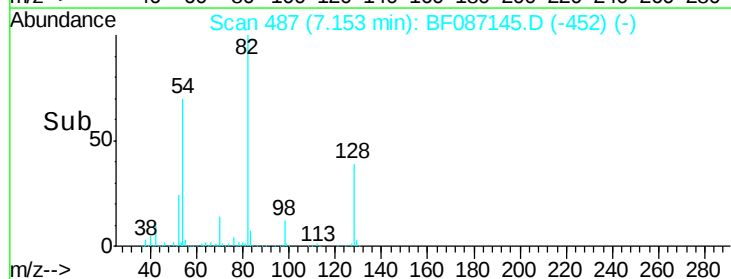


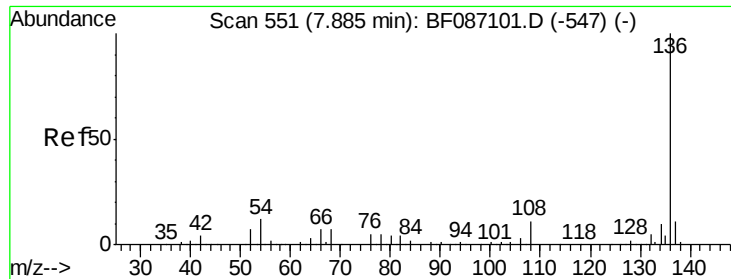
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

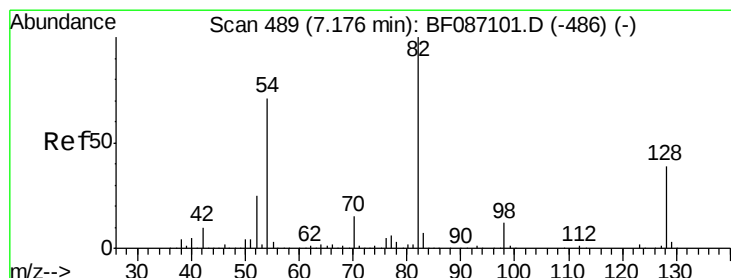
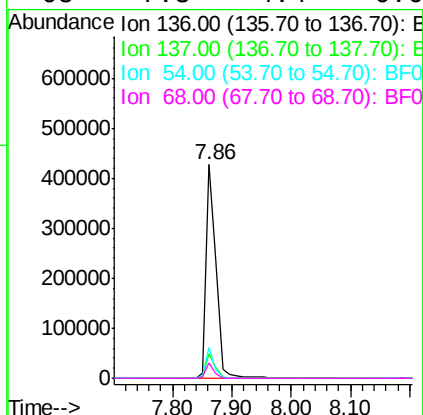
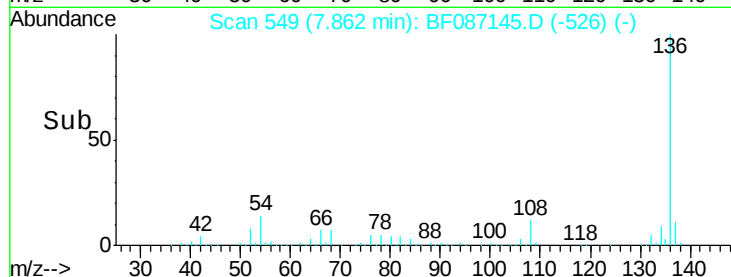
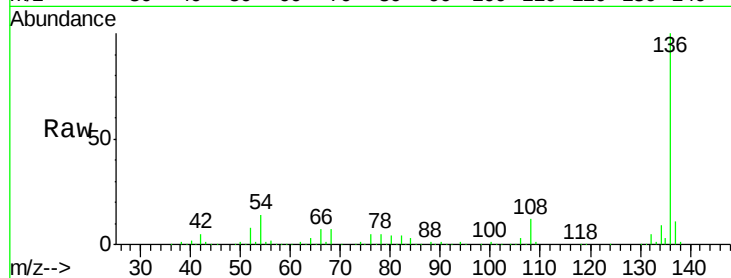




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087145.D
Acq: 18 May 2016 15:54

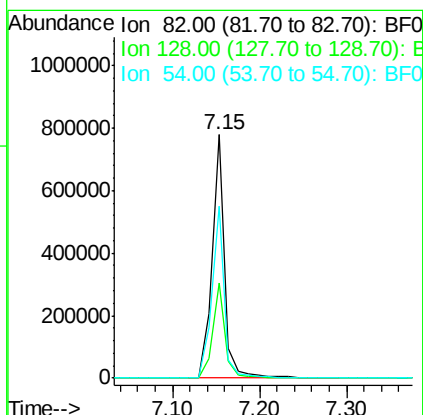
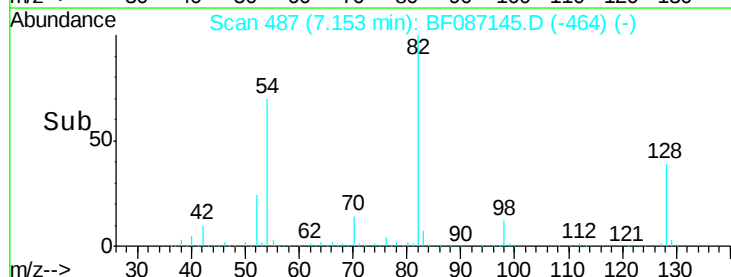
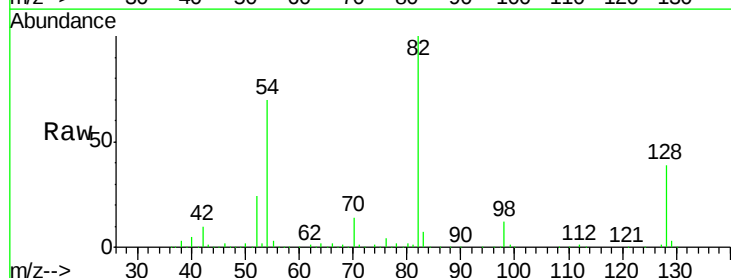
Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

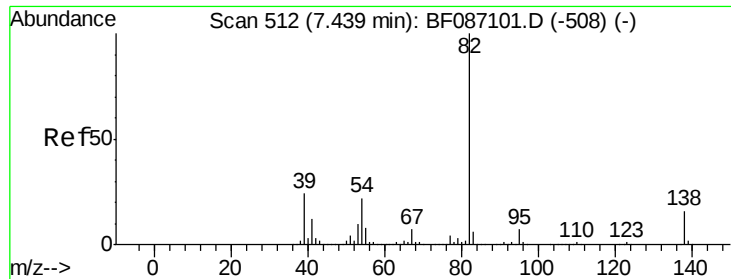
Tgt Ion:	136	Resp:	504770
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.2	5.0	7.4#
68	7.3	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 78.27 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087145.D
Acq: 18 May 2016 15:54

Tgt Ion:	82	Resp:	792688
Ion	Ratio	Lower	Upper
82	100		
128	38.9	40.6	61.0#
54	70.4	38.1	57.1#





#25

Isophorone

Concen: 34.28 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.30 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

Instrument :

BNA_F

ClientSampled :

SVOC-TTO

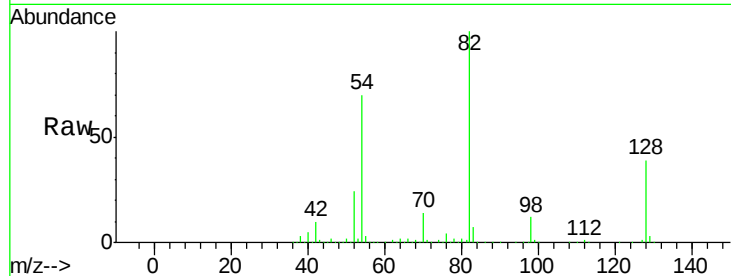
Tgt Ion: 82 Resp: 635587

Ion Ratio Lower Upper

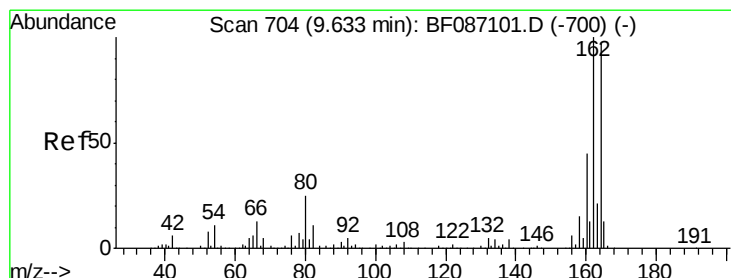
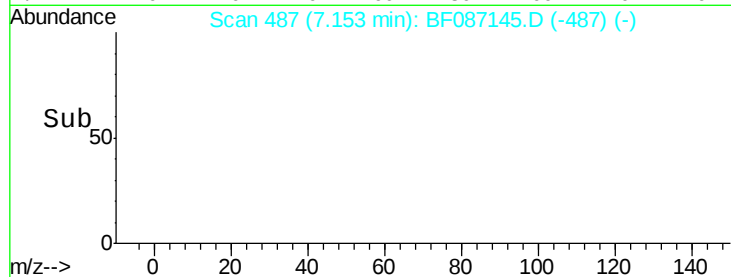
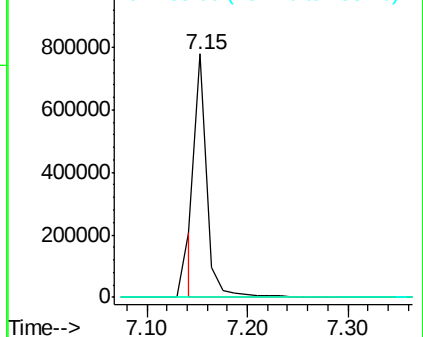
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

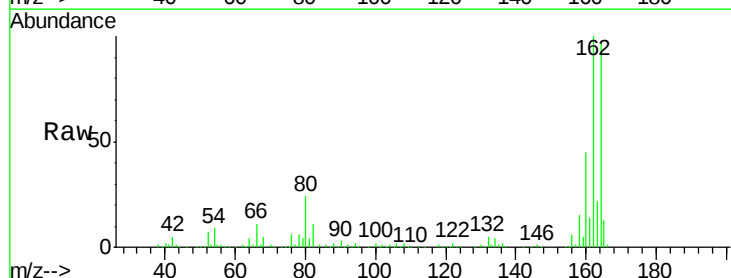
Tgt Ion: 164 Resp: 242705

Ion Ratio Lower Upper

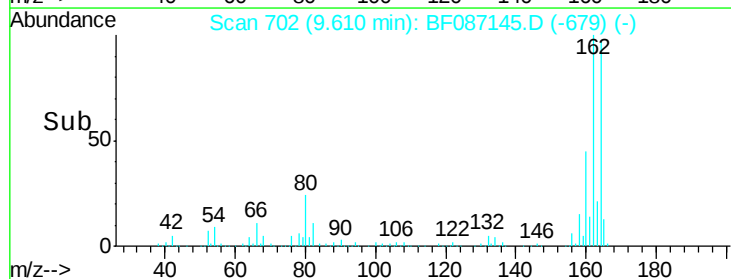
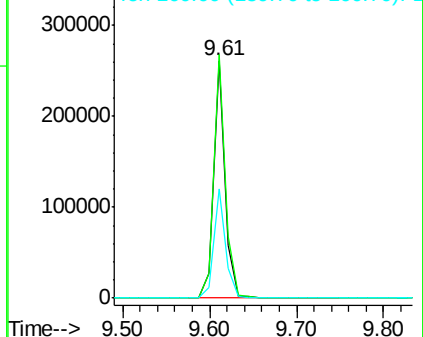
164 100

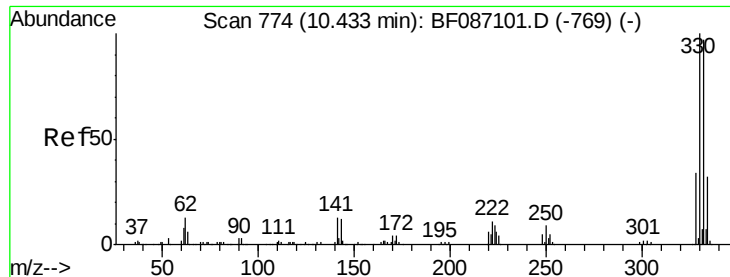
162 102.6 82.8 124.2

160 46.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

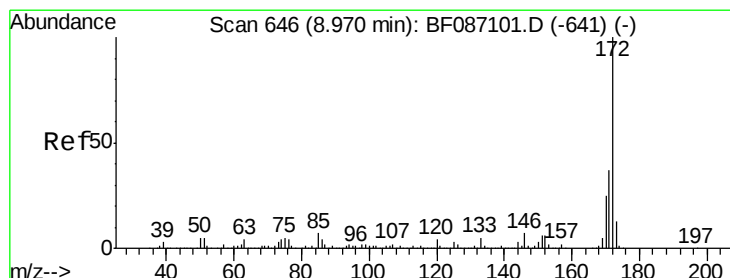
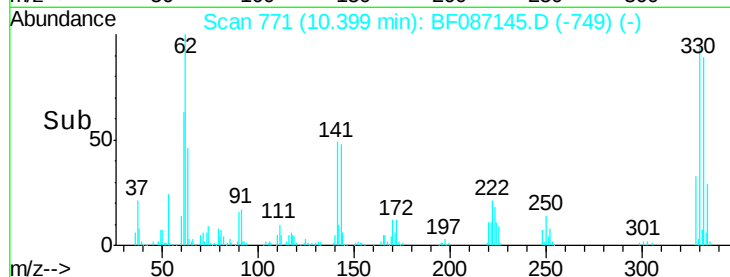
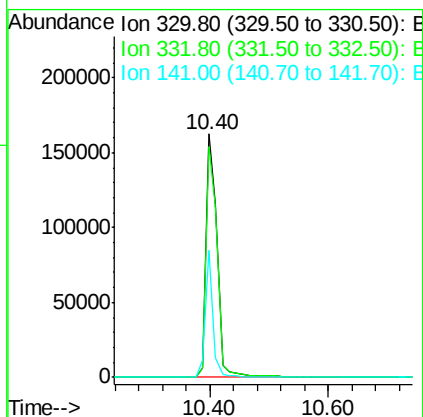
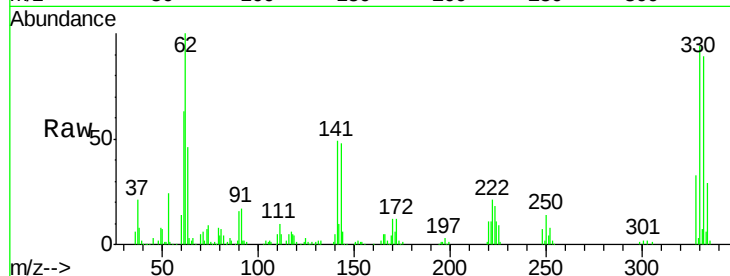




#41
 2,4,6-Tribromophenol
 Concen: 79.09 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087145.D
 Acq: 18 May 2016 15:54

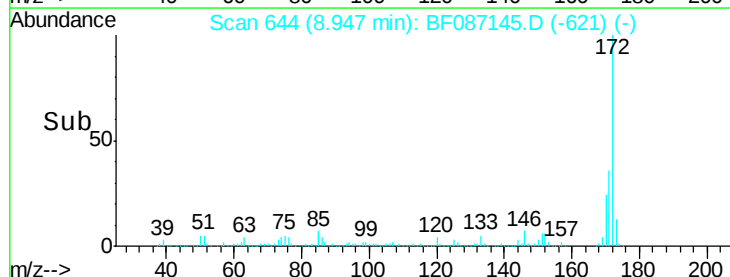
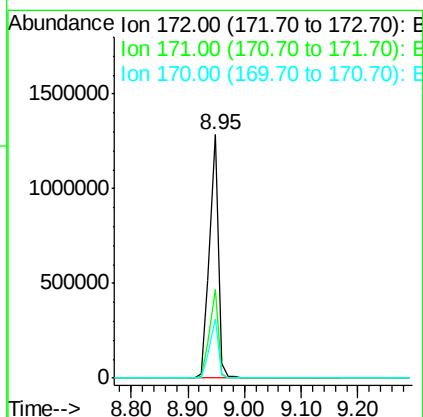
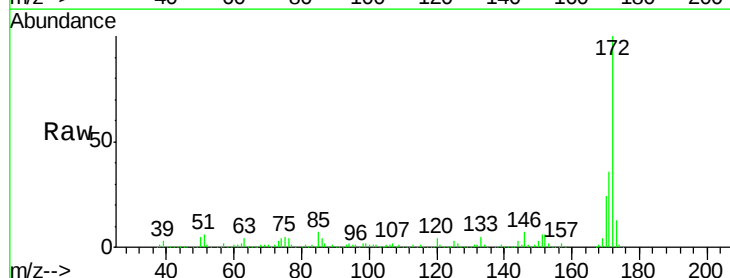
Instrument :
 BNA_F
 ClientSampleId :
 SVOC-TTO

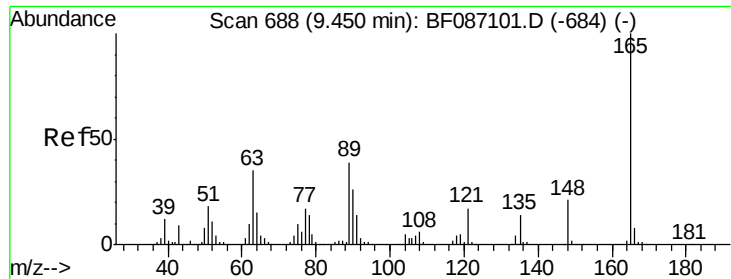
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	37.7	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 91.02 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087145.D
 Acq: 18 May 2016 15:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.5	19.8	29.8

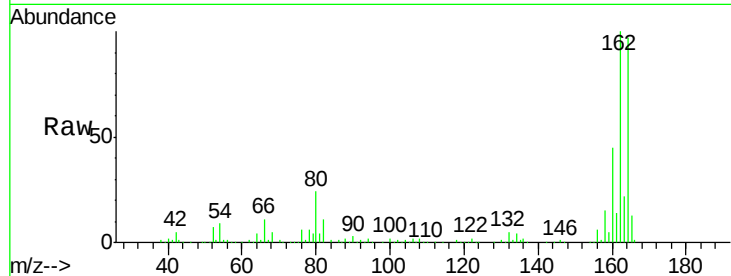




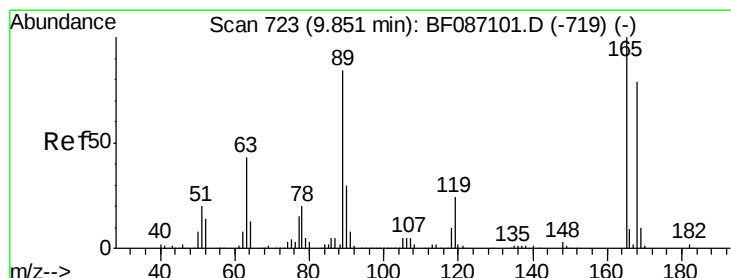
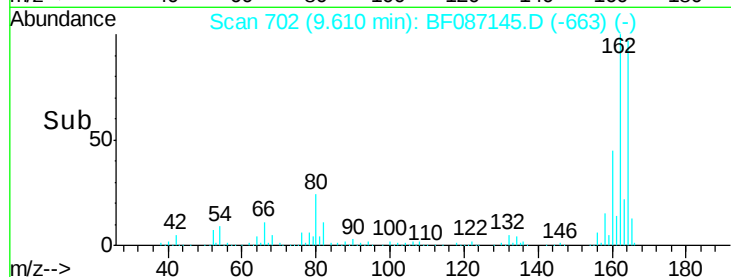
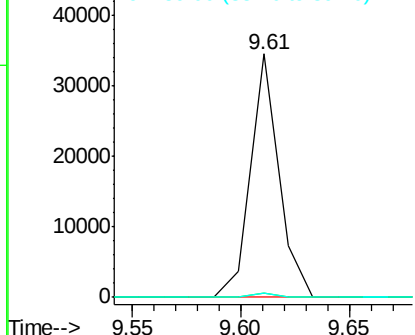
#50
 2,6-Dinitrotoluene
 Concen: 7.78 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.15 min
 Lab File: BF087145.D
 Acq: 18 May 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-TTO

Tgt Ion:165 Resp: 31271
 Ion Ratio Lower Upper
 165 100
 63 1.7 51.8 77.8#
 89 1.6 50.7 76.1#



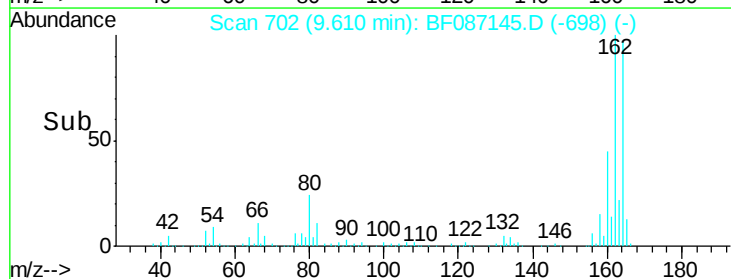
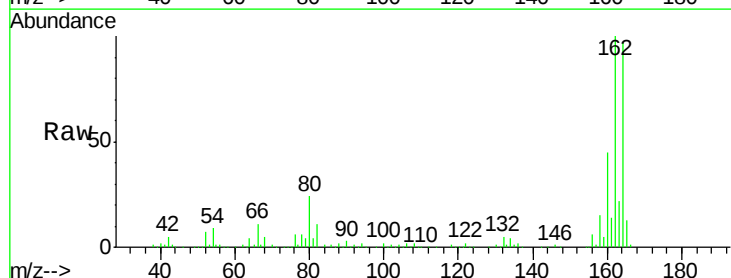
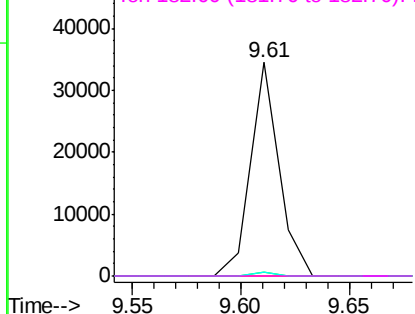
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

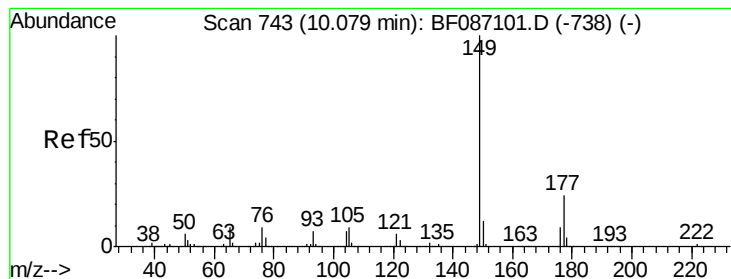


#56
 2,4-Dinitrotoluene
 Concen: 6.07 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.25 min
 Lab File: BF087145.D
 Acq: 18 May 2016 15:54

Tgt Ion:165 Resp: 31271
 Ion Ratio Lower Upper
 165 100
 63 1.7 44.3 66.5#
 89 1.6 70.0 105.0#
 182 0.0 1.8 2.6#

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
 Ion 182.00 (181.70 to 182.70): E





#59

Diethylphthalate

Concen: 3.60 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

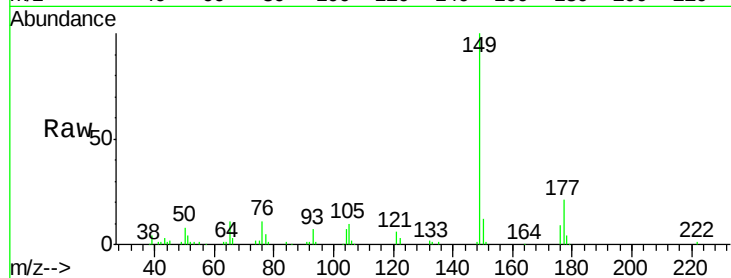
Tgt Ion:149 Resp: 63680

Ion Ratio Lower Upper

149 100

177 21.3 16.6 24.8

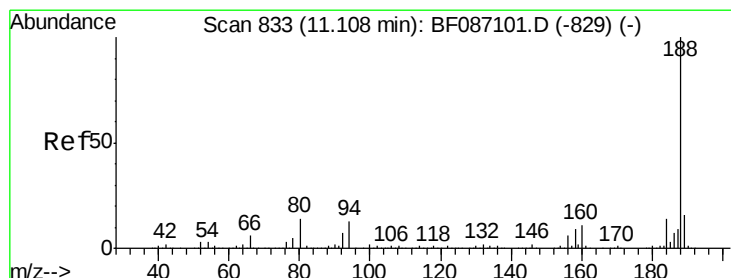
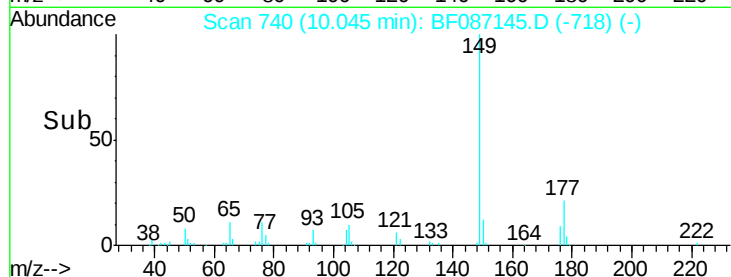
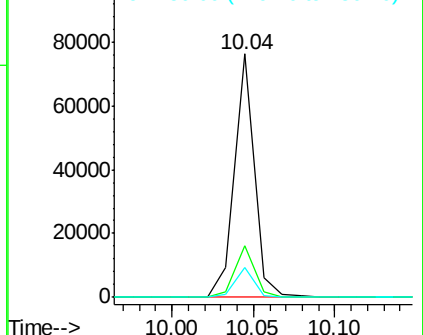
150 12.4 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

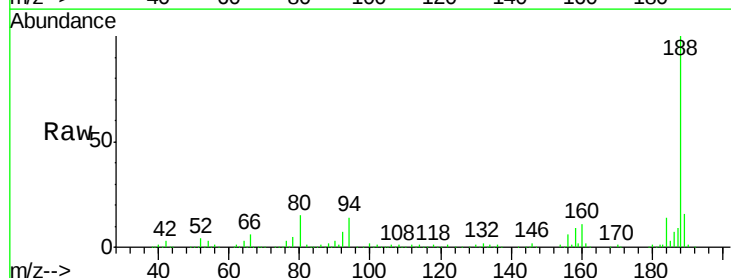
Tgt Ion:188 Resp: 458244

Ion Ratio Lower Upper

188 100

94 14.0 6.8 10.2#

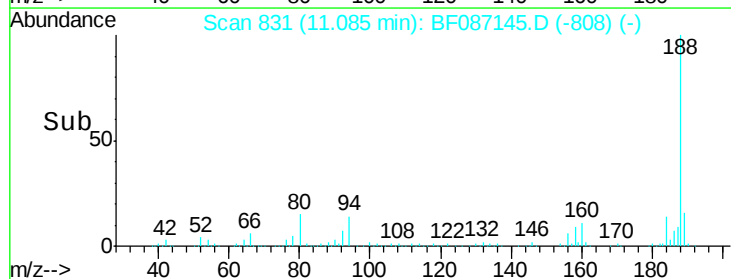
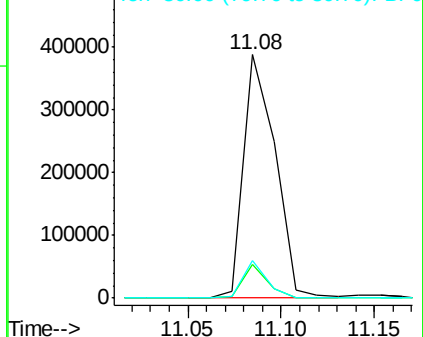
80 15.4 7.1 10.7#

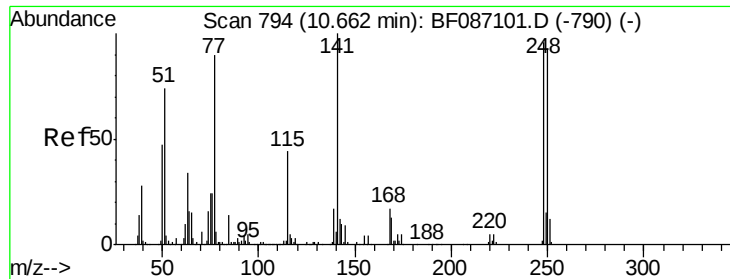


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

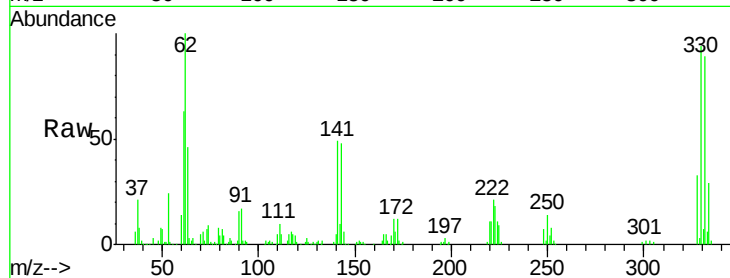




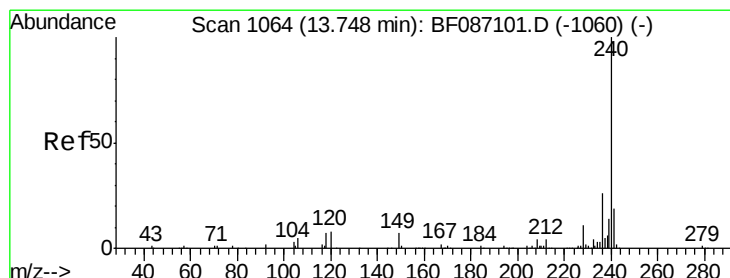
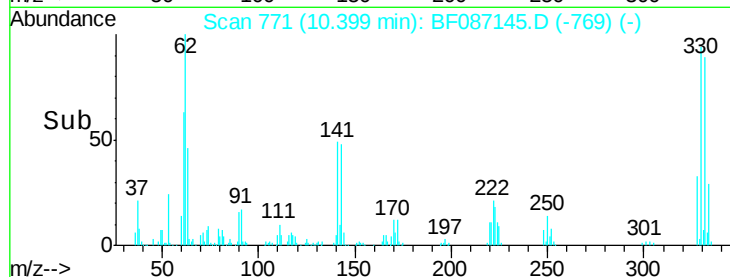
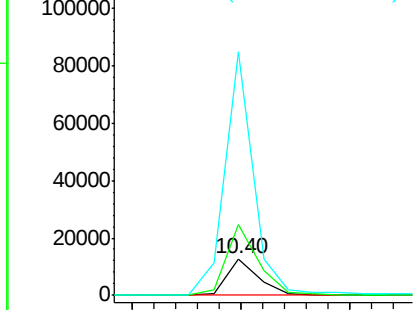
#66
 4-Bromophenyl-phenylether
 Concen: 2.67 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.27 min
 Lab File: BF087145.D
 Acq: 18 May 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-TTO

Tgt Ion:248 Resp: 12570
 Ion Ratio Lower Upper
 248 100
 250 195.6 78.6 117.8#
 141 668.7 76.0 114.0#

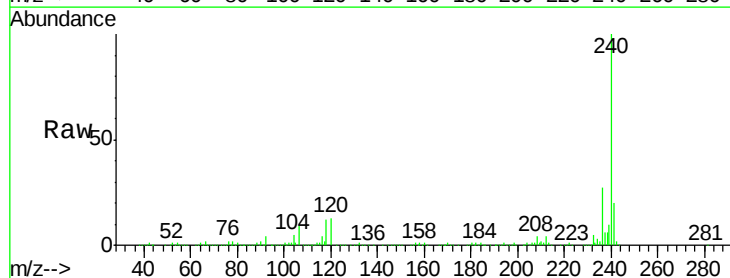


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

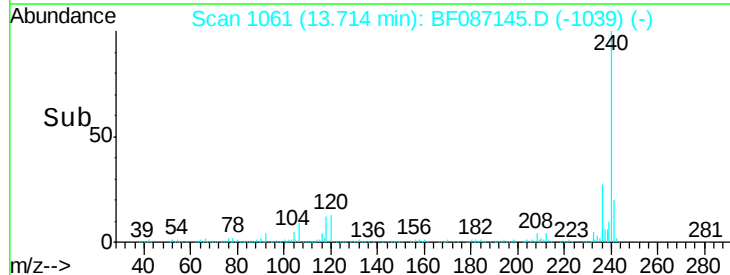
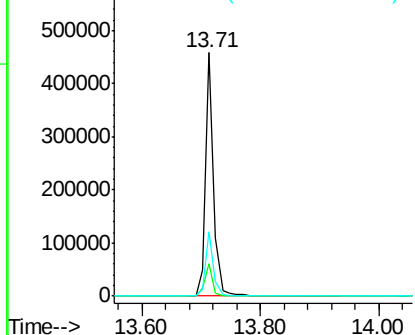


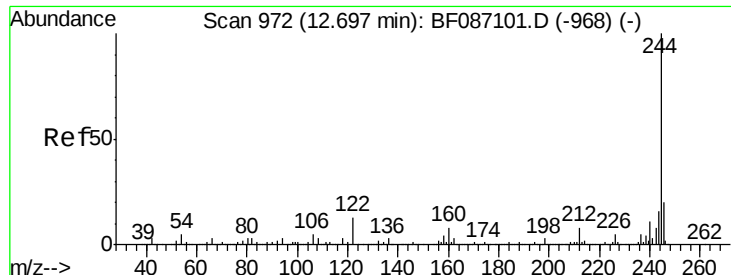
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.05 min
 Lab File: BF087145.D
 Acq: 18 May 2016 15:54

Tgt Ion:240 Resp: 443314
 Ion Ratio Lower Upper
 240 100
 120 13.4 11.2 16.8
 236 26.5 21.2 31.8



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: 59.69 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

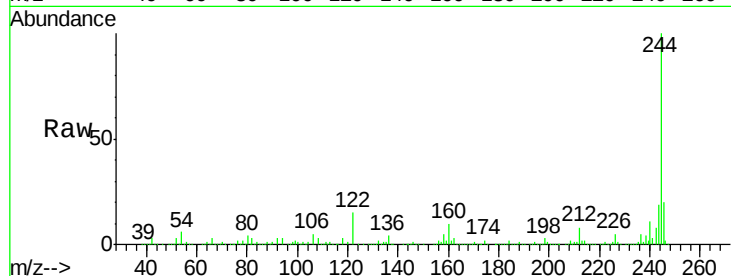
Tgt Ion:244 Resp: 1169819

Ion Ratio Lower Upper

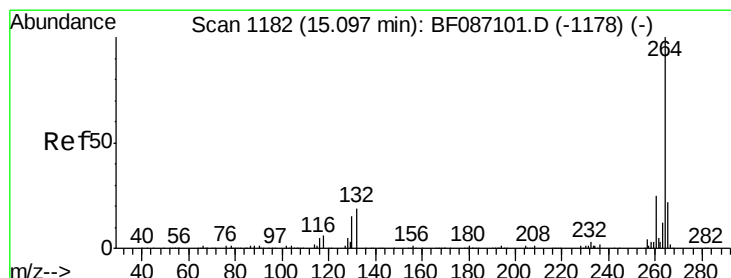
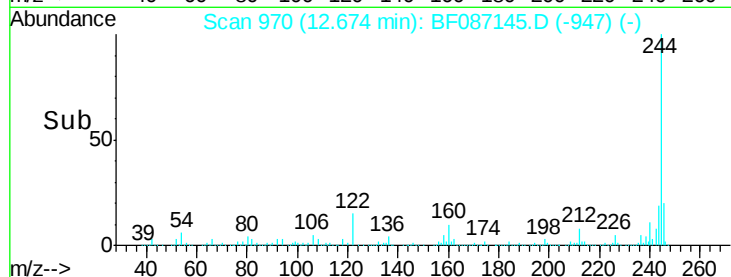
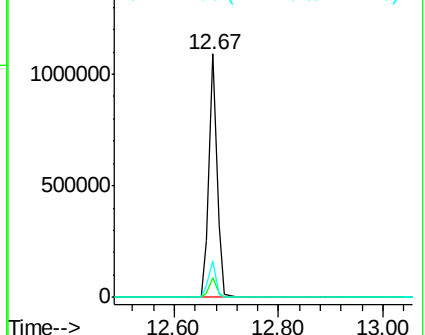
244 100

212 8.1 6.2 9.2

122 14.8 12.0 18.0



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: 15.07 min Scan# 1180

Delta R.T. -0.03 min

Lab File: BF087145.D

Acq: 18 May 2016 15:54

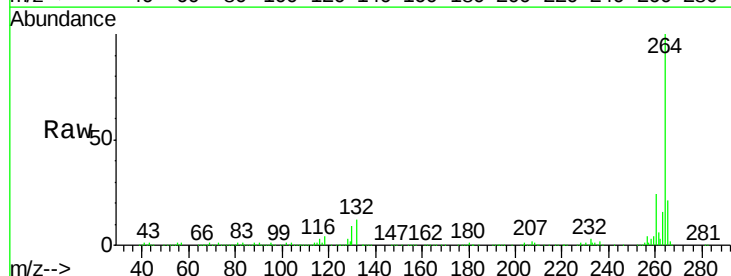
Tgt Ion:264 Resp: 408933

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 20.9 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

