

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042219\
 Data File : BF113904.D
 Acq On : 23 Apr 2019 3:06
 Operator : JU/SJ
 Sample : K2203-13RE 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-041819-A

Quant Time: Apr 23 06:41:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

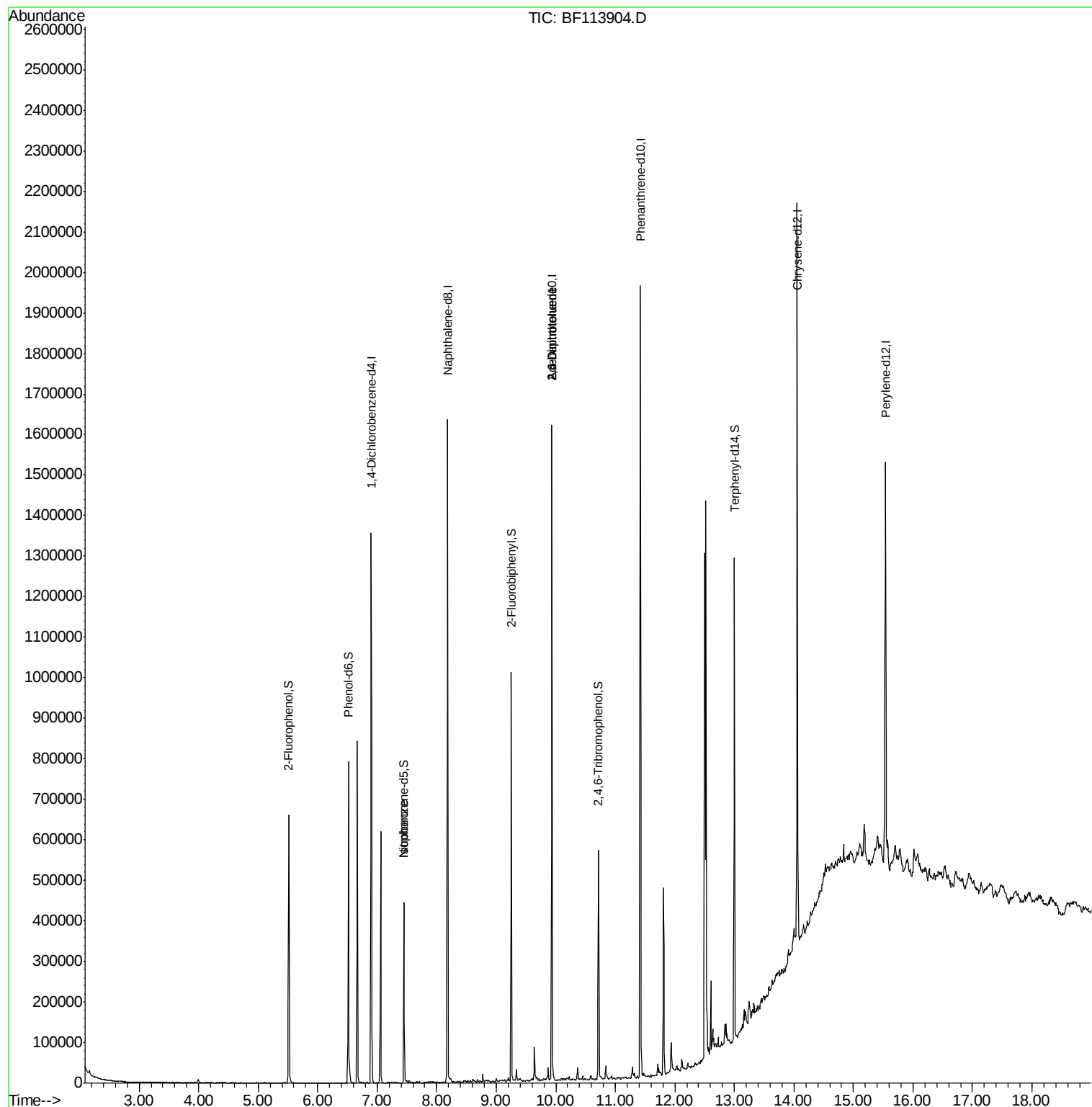
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	188397	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	661961	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	335136	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	698413	20.00	ng	0.00
76) Chrysene-d12	14.06	240	588576	20.00	ng	-0.01
87) Perylene-d12	15.54	264	479664	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	199437	18.11	ng	0.00
7) Phenol-d6	6.52	99	252392	18.26	ng	0.00
23) Nitrobenzene-d5	7.45	82	128430	11.98	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	76535	18.75	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	284719	13.29	ng	0.00
79) Terphenyl-d14	13.00	244	405257	14.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	4873	Below Cal	Qvalue	# 75
25) Isophorone	7.45	82	128449	5.855 ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	43110	8.291 ng	#	33
57) 2,4-Dinitrotoluene	9.93	165	43110	6.568 ng	#	29

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

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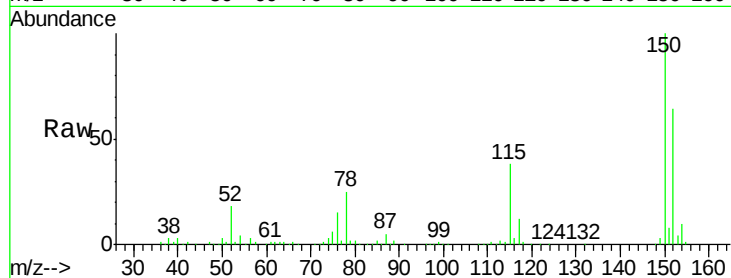


#1

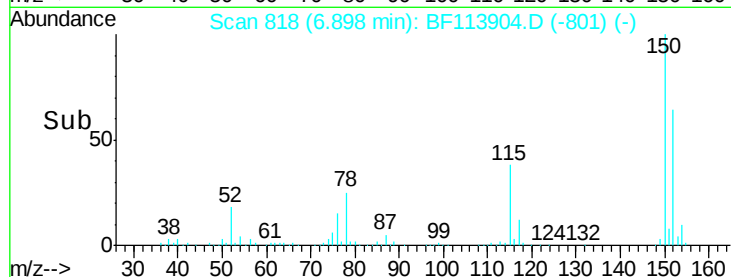
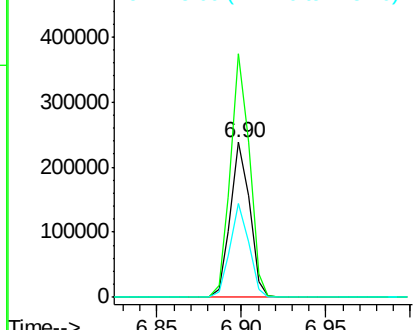
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113904.D
 Acq: 23 Apr 2019 3:06

Instrument :
 BNA_F
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	60.3	45.9	68.9



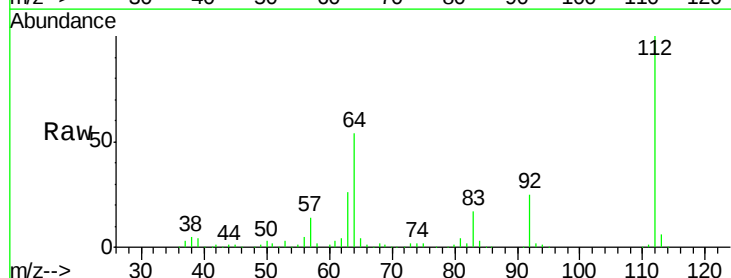
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



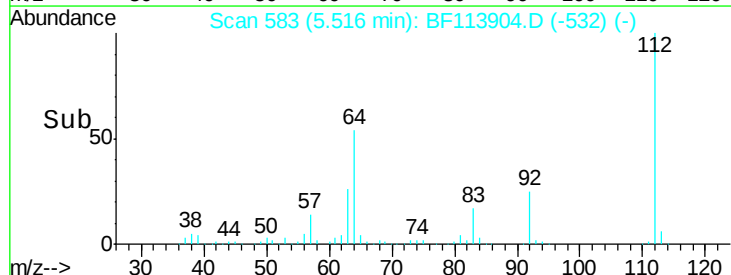
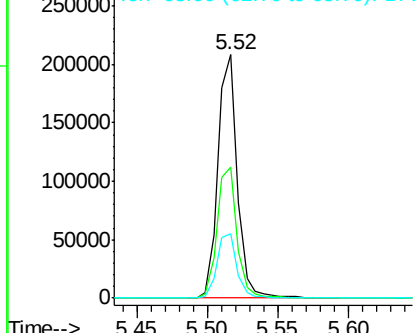
#5

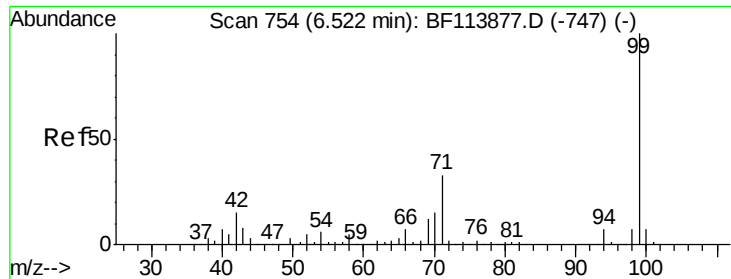
2-Fluorophenol
 Concen: 18.106 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF113904.D
 Acq: 23 Apr 2019 3:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.6	69.8
63	26.4	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 18.263 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113904.D

Acq: 23 Apr 2019 3:06

Instrument :

BNA_F

ClientSampleId :

SU-02-041819-A

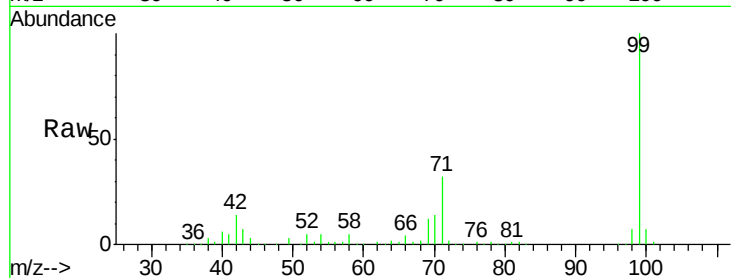
Tot Ion: 99 Resp: 252392

Ion Ratio Lower Upper

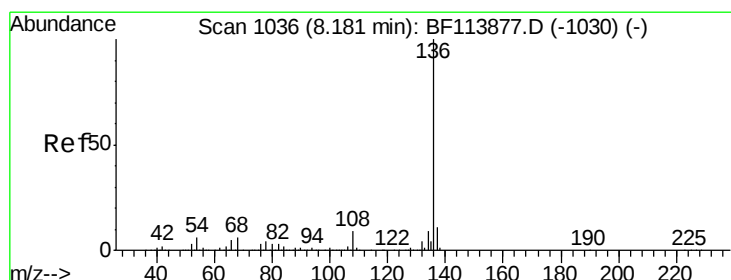
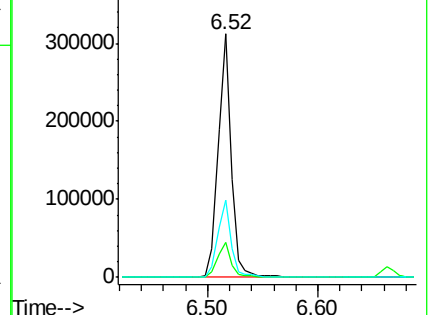
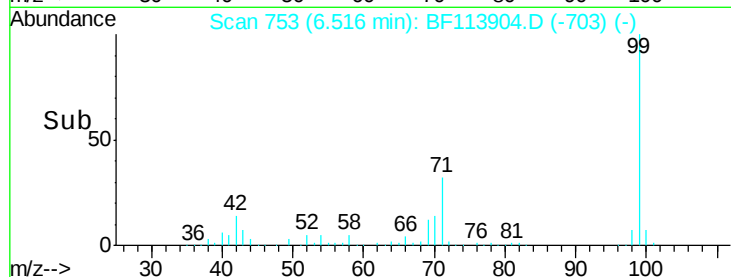
99 100

42 14.3 12.5 18.7

71 31.8 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113904.D

Acq: 23 Apr 2019 3:06

Tgt Ion: 136 Resp: 661961

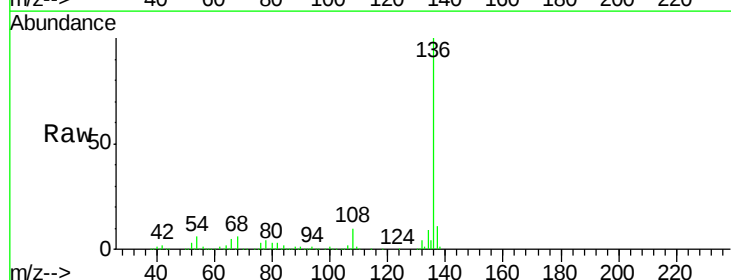
Ion Ratio Lower Upper

136 100

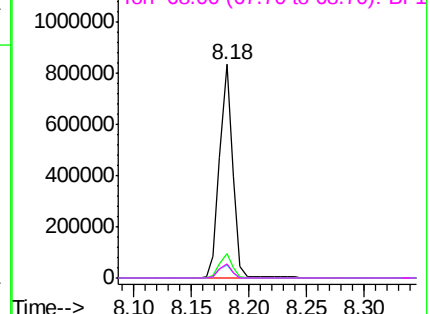
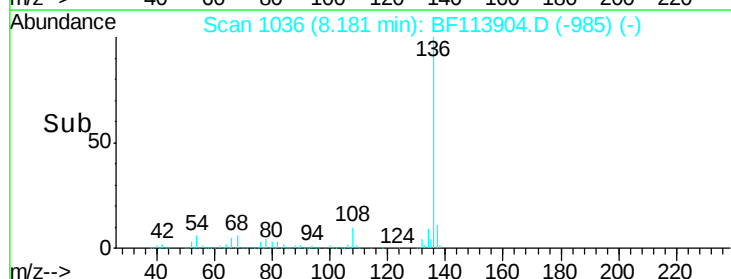
137 11.3 8.6 12.8

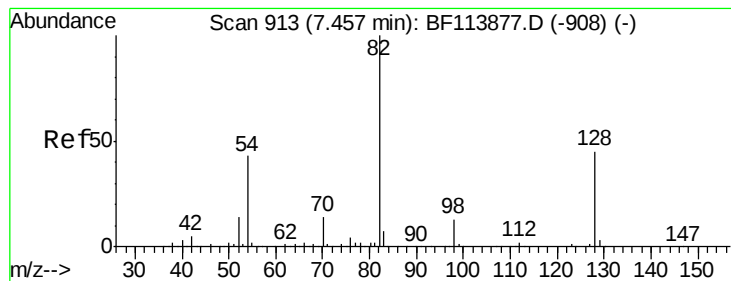
54 6.2 5.0 7.6

68 6.4 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 11.979 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF113904.D

Acq: 23 Apr 2019 3:06

Instrument :

BNA_F

ClientSampleId :

SU-02-041819-A

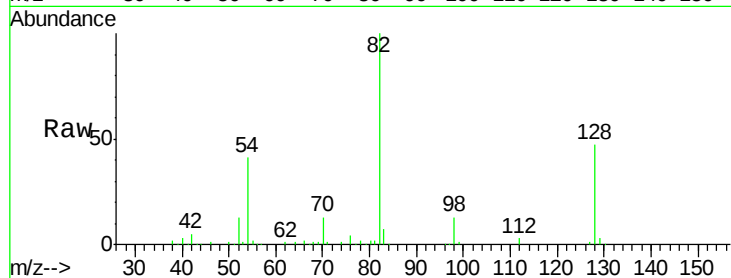
Tot Ion: 82 Resp: 128430

Ion Ratio Lower Upper

82 100

128 46.7 36.8 55.2

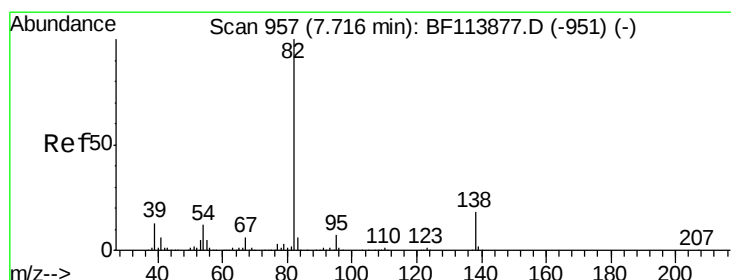
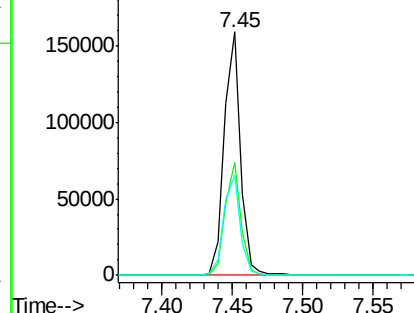
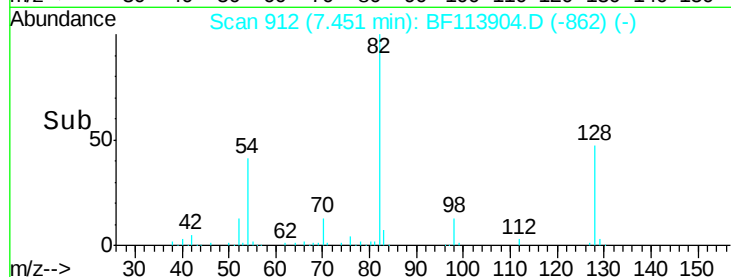
54 41.0 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 5.855 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF113904.D

Acq: 23 Apr 2019 3:06

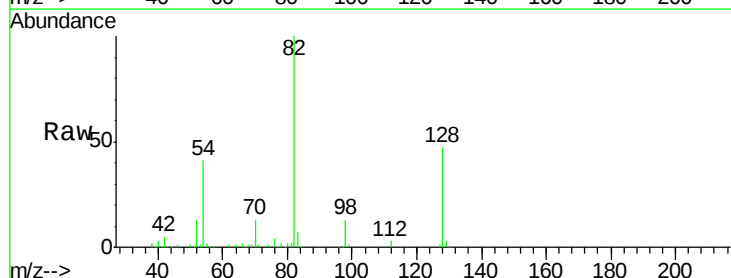
Tgt Ion: 82 Resp: 128449

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

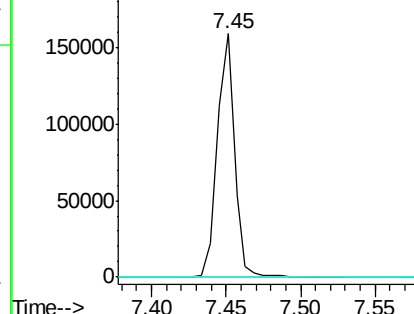
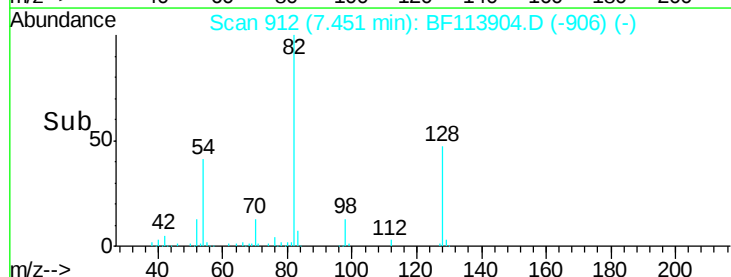
138 0.0 14.6 22.0#

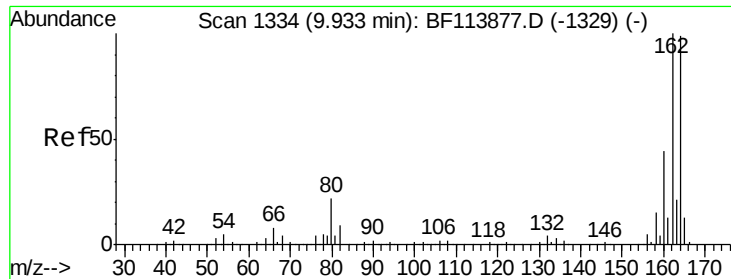


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113904.D

Acq: 23 Apr 2019 3:06

Instrument :

BNA_F

ClientSampleId :

SU-02-041819-A

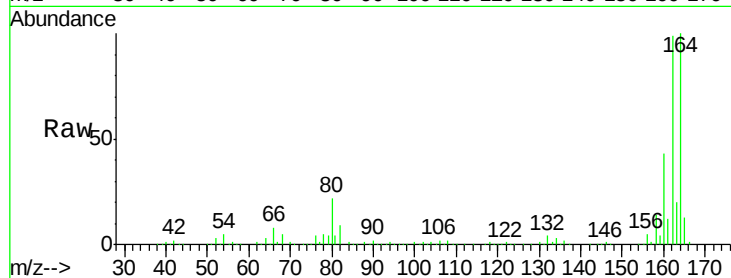
Tot Ion:164 Resp: 335136

Ion Ratio Lower Upper

164 100

162 99.3 81.1 121.7

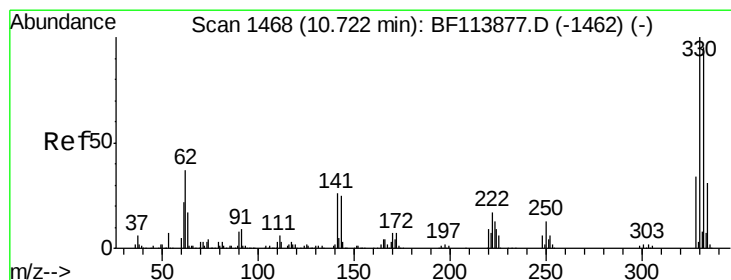
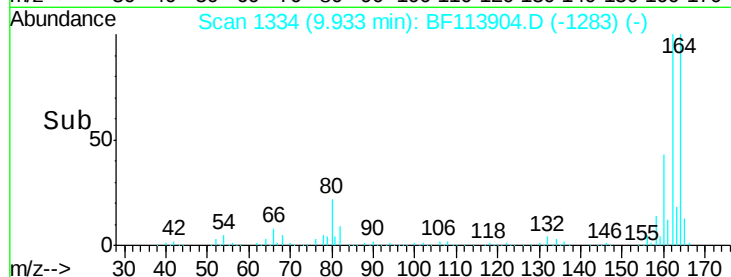
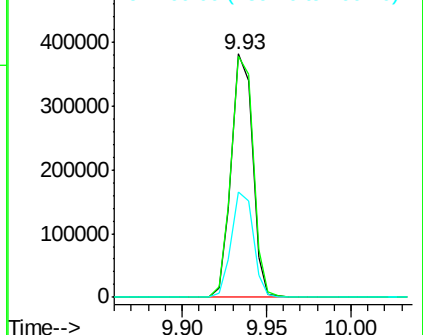
160 43.1 35.8 53.6



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



#42

2,4,6-Tribromophenol

Concen: 18.746 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113904.D

Acq: 23 Apr 2019 3:06

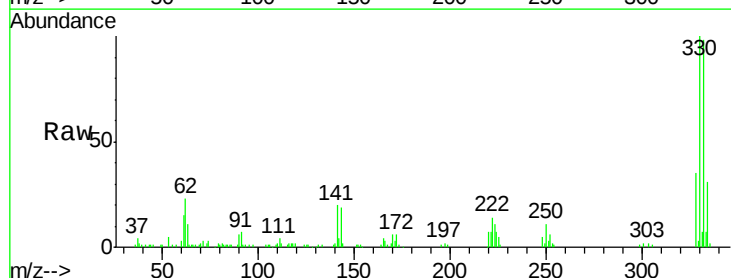
Tgt Ion:330 Resp: 76535

Ion Ratio Lower Upper

330 100

332 95.3 77.5 116.3

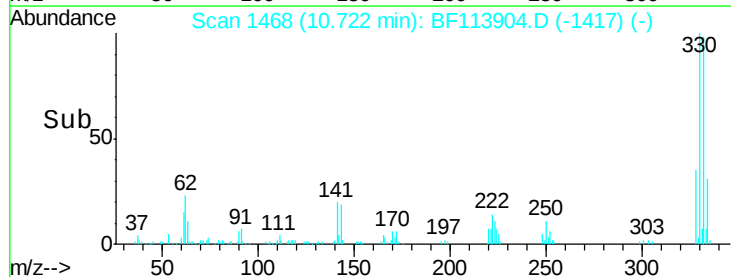
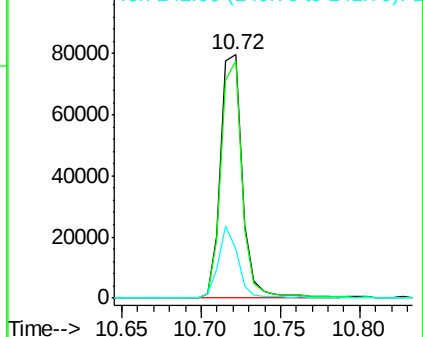
141 26.4 22.2 33.2

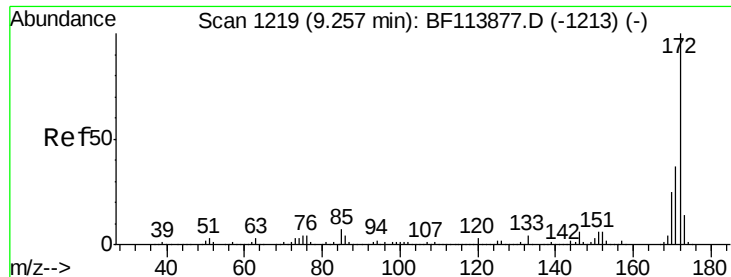


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

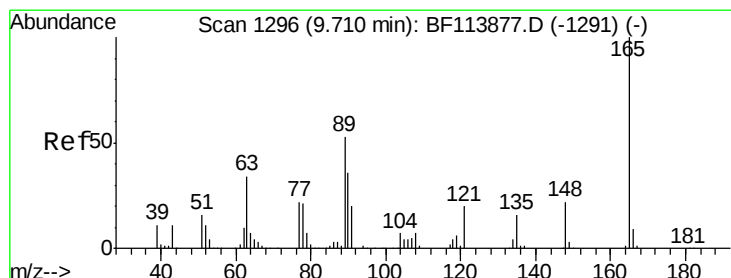
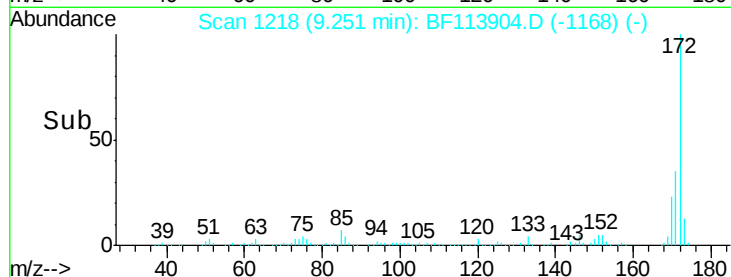
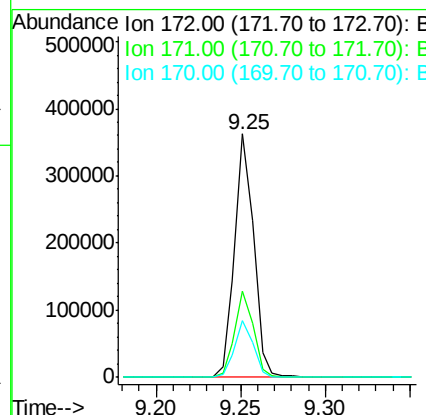
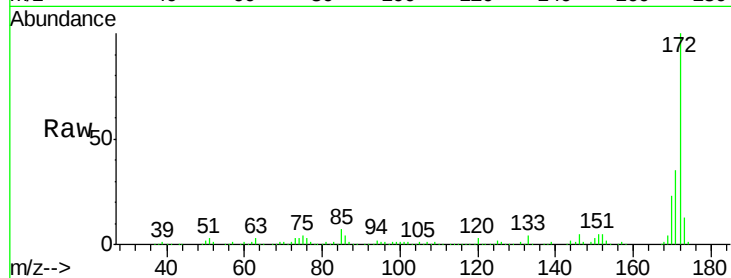




#45
2-Fluorobiphenyl
Concen: 13.287 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113904.D
Acq: 23 Apr 2019 3:06

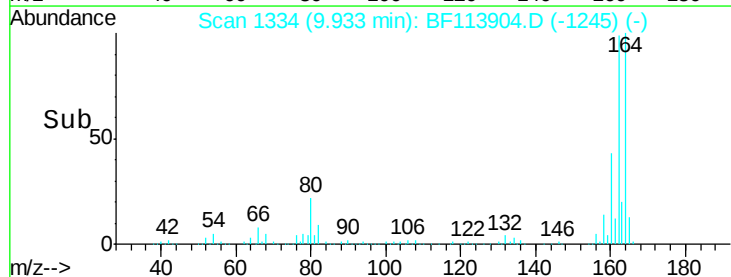
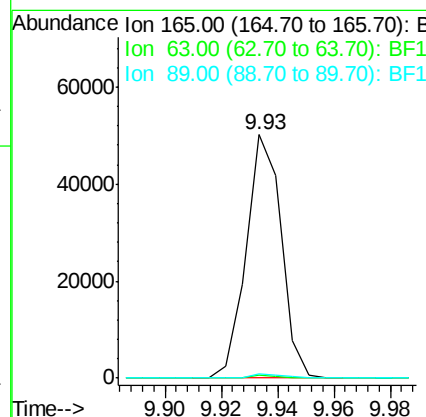
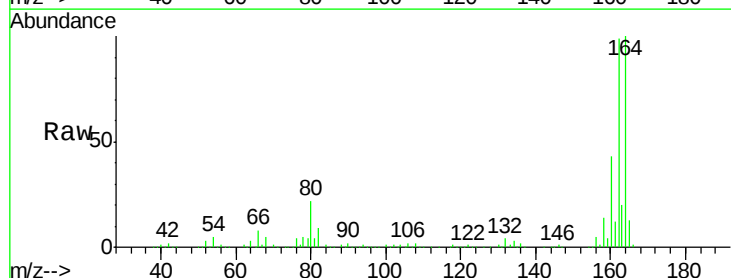
Instrument :
BNA_F
ClientSampleId :
SU-02-041819-A

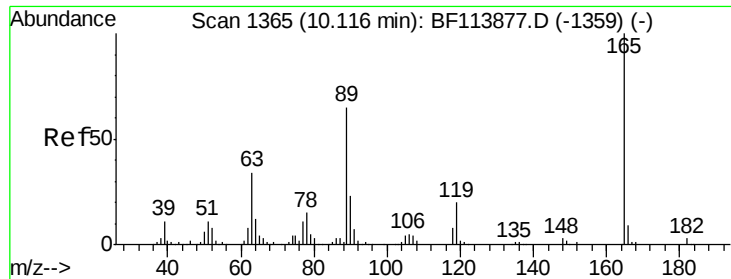
Tot Ion:172 Resp: 284719
Ion Ratio Lower Upper
172 100
171 35.2 29.4 44.0
170 23.1 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 8.291 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF113904.D
Acq: 23 Apr 2019 3:06

Tgt Ion:165 Resp: 43110
Ion Ratio Lower Upper
165 100
63 1.0 33.8 50.8#
89 1.6 38.2 57.2#

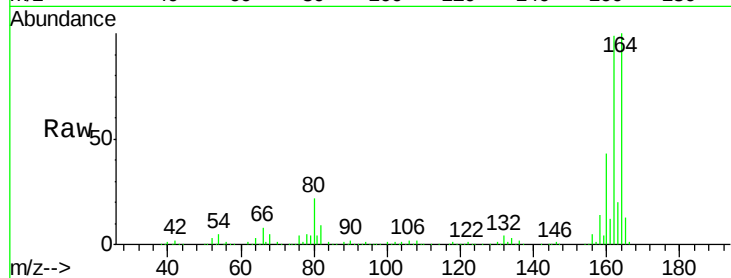




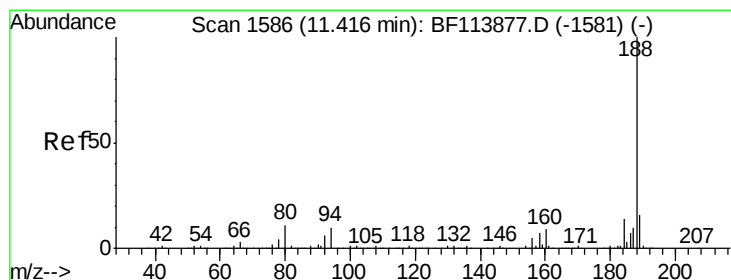
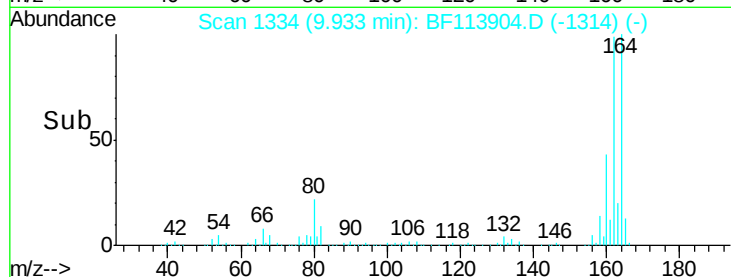
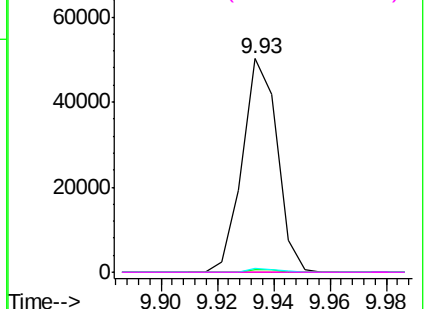
#57
 2,4-Dinitrotoluene
 Concen: 6.568 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF113904.D
 Acq: 23 Apr 2019 3:06

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-041819-A

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.4	41.0#
89	1.6	51.8	77.6#
182	0.0	2.2	3.2#

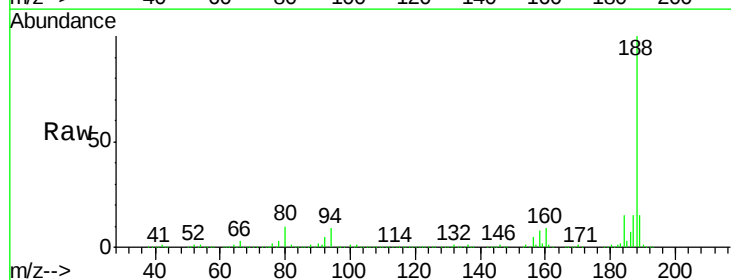


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

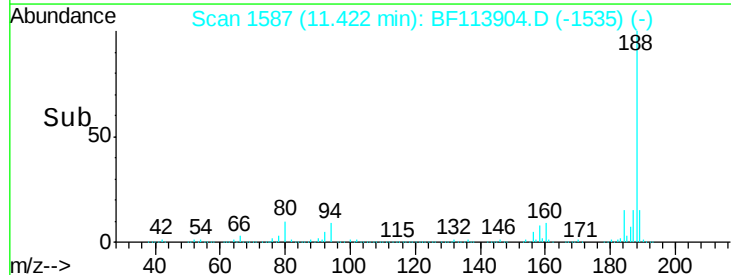
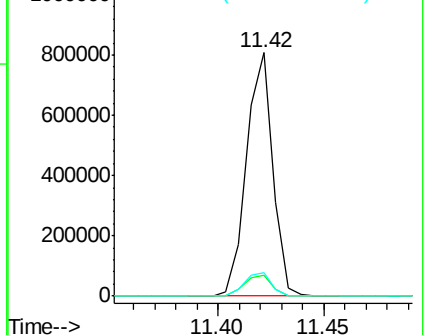


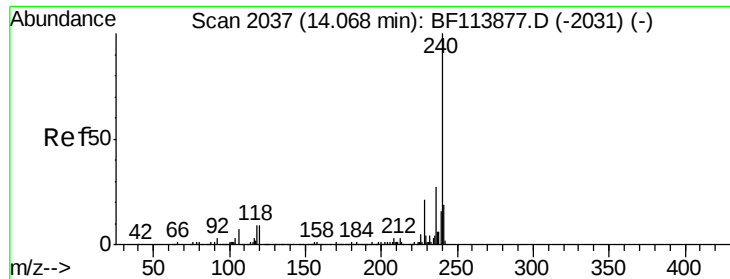
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF113904.D
 Acq: 23 Apr 2019 3:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.4
80	9.8	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

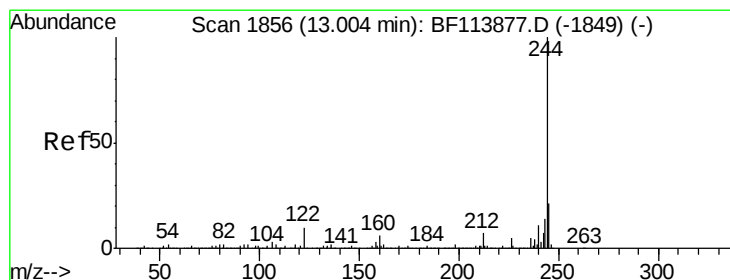
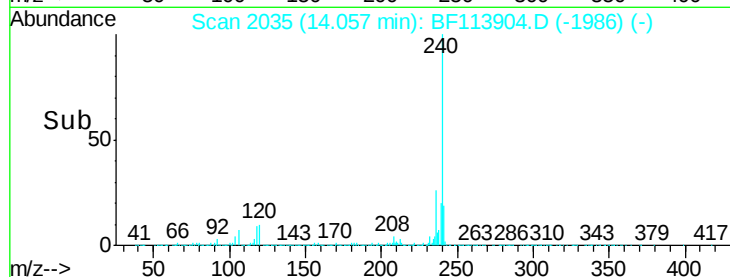
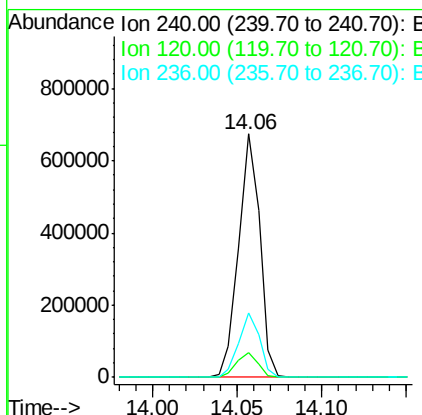
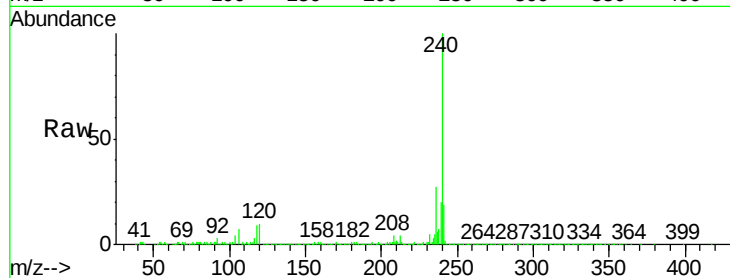




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF113904.D
 Acq: 23 Apr 2019 3:06

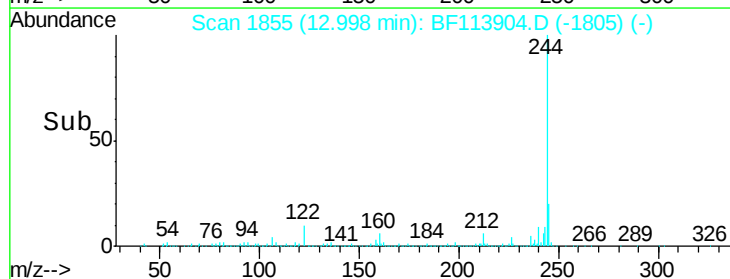
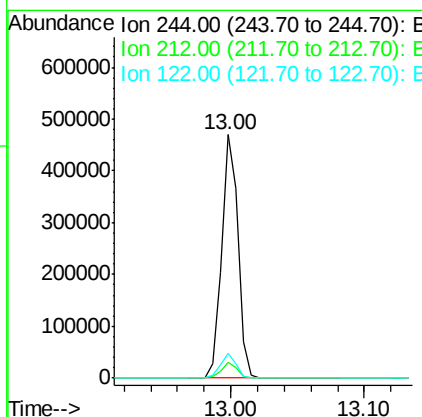
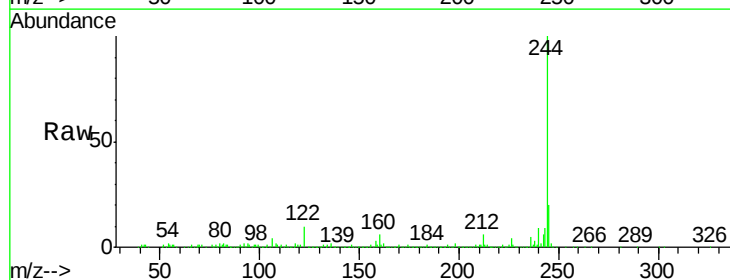
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-041819-A

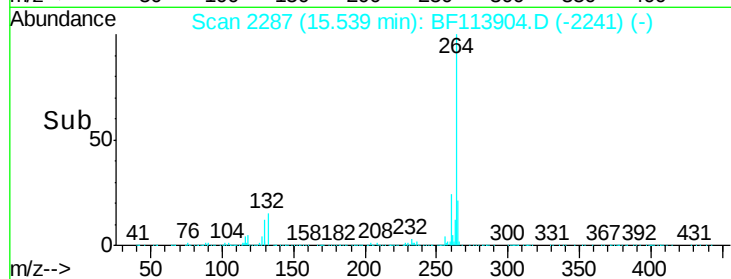
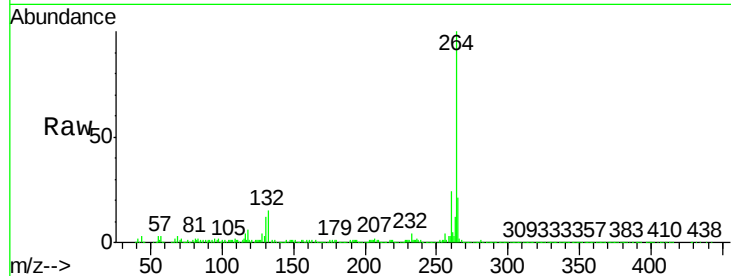
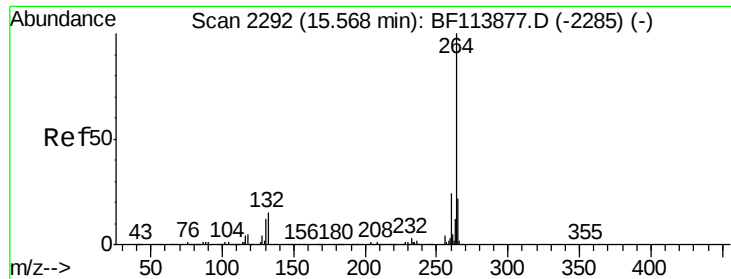
Tot Ion:240 Resp: 588576
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.3 13.9
 236 26.5 21.2 31.8



#79
 Terphenyl-d14
 Concen: 14.116 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF113904.D
 Acq: 23 Apr 2019 3:06

Tgt Ion:244 Resp: 405257
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.1 7.6 11.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF113904.D
Acq: 23 Apr 2019 3:06

Instrument :
BNA_F
ClientSampleId :
SU-02-041819-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.3	17.3	25.9

