

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112748.D
 Acq On : 28 Feb 2019 5:30
 Operator : JU/SJ
 Sample : K1611-03 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-627

Quant Time: Feb 28 06:44:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

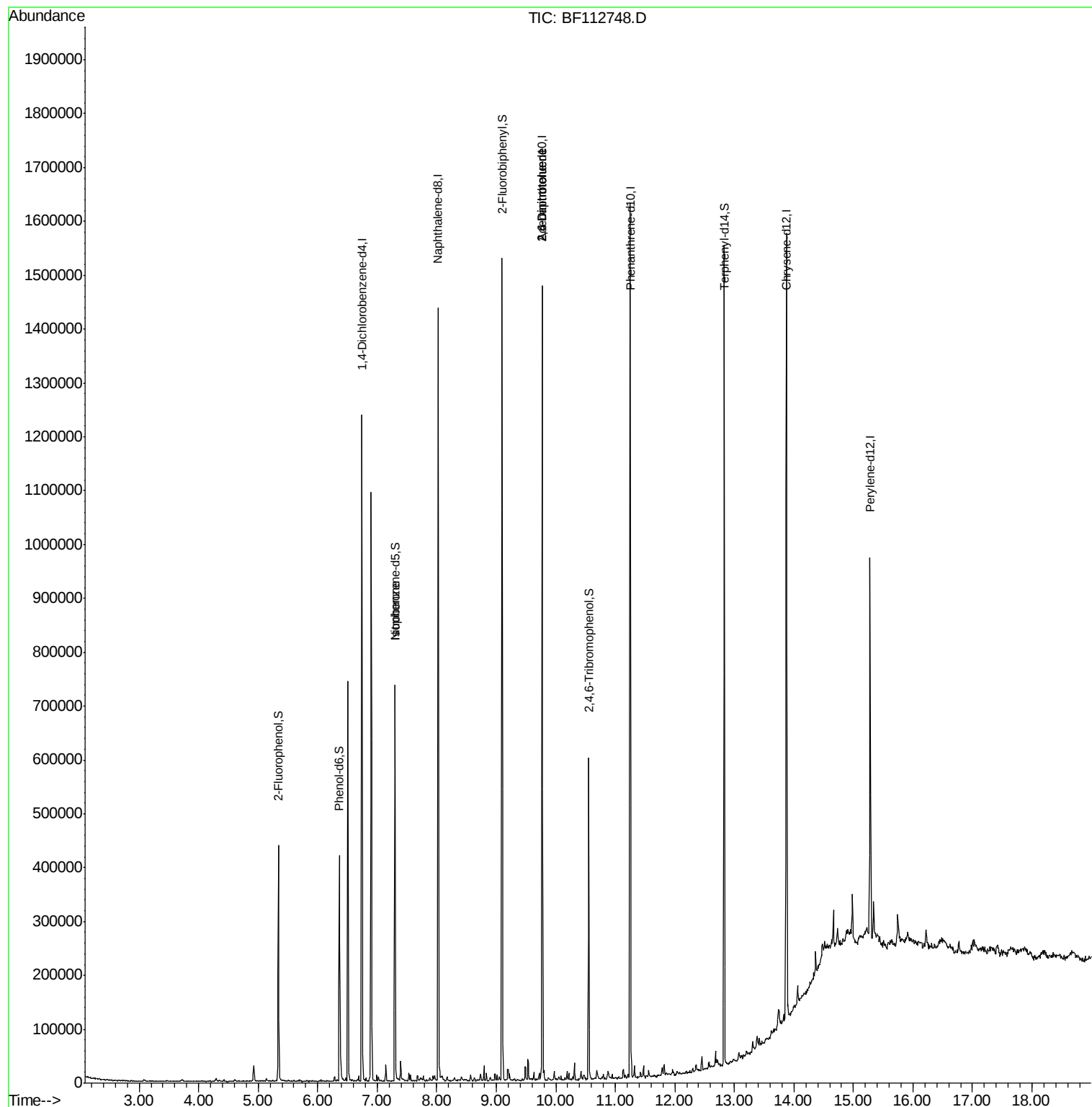
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	178718	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	638719	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	283426	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	577898	20.00	ng	0.00
76) Chrysene-d12	13.87	240	444546	20.00	ng	0.00
87) Perylene-d12	15.28	264	303149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	123554	10.75	ng	0.00
7) Phenol-d6	6.36	99	124208	8.61	ng	0.00
23) Nitrobenzene-d5	7.30	82	203695	19.08	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	65834	21.88	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	420603	14.54	ng	0.00
79) Terphenyl-d14	12.83	244	473147	20.63	ng	0.00
Target Compounds						
25) Isophorone	7.30	82	203693	8.858	ng	# 66
51) 2,6-Dinitrotoluene	9.77	165	36399	8.364	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	36399	6.729	ng	# 18

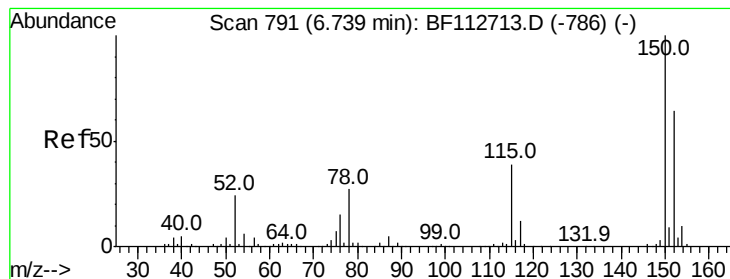
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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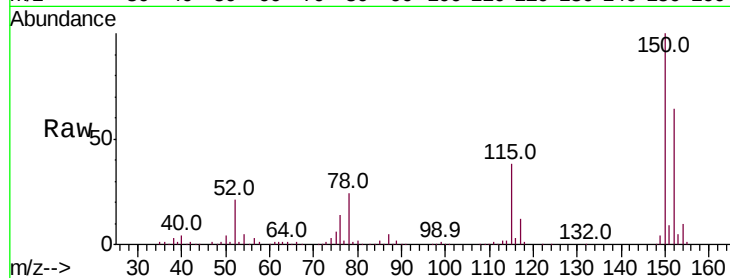


#1

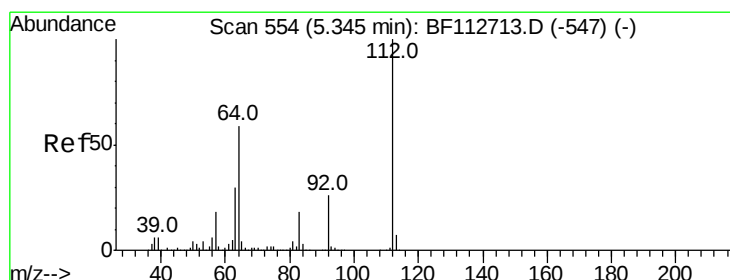
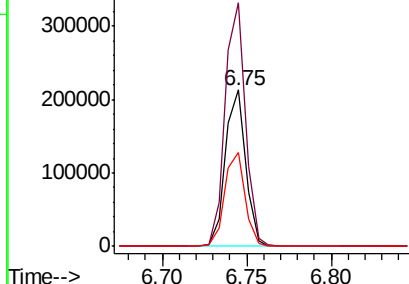
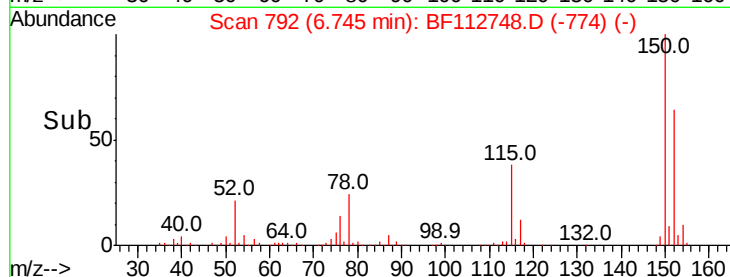
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112748.D
 Acq: 28 Feb 2019 5:30

Instrument :
 BNA_F
 ClientSampleId :
 HP-627

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.2
115	59.7	48.2	72.4



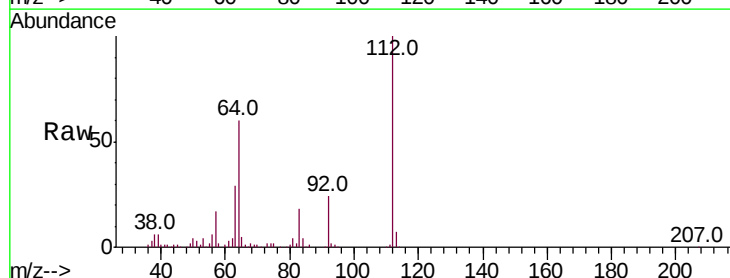
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



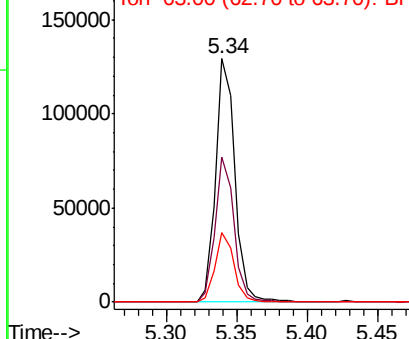
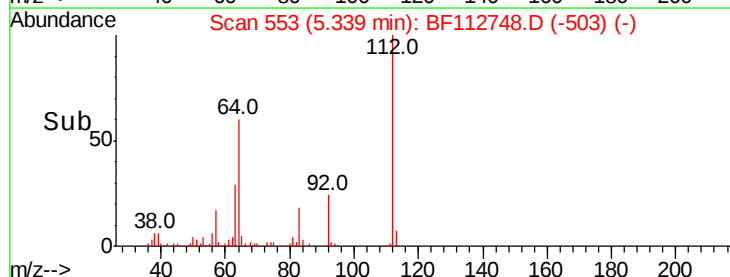
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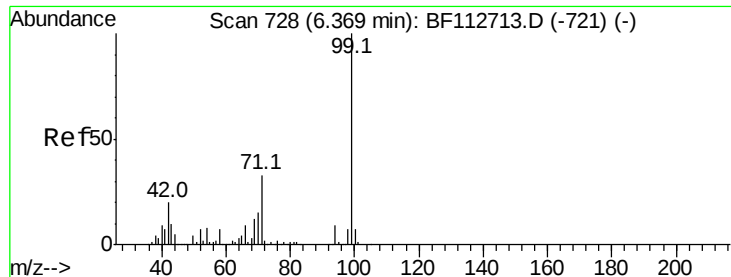
2-Fluorophenol
 Concen: 10.754 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF112748.D
 Acq: 28 Feb 2019 5:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.6	71.4
63	28.8	24.4	36.6



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: 8.606 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112748.D

Acq: 28 Feb 2019 5:30

Instrument :

BNA_F

ClientSampleId :

HP-627

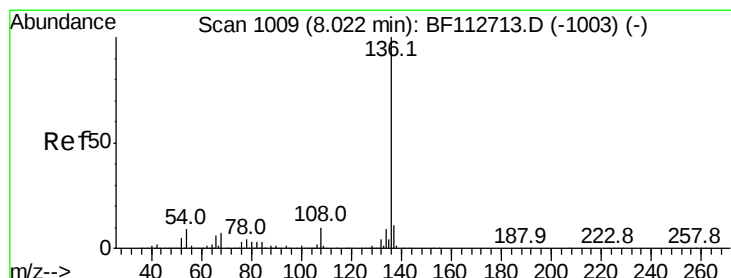
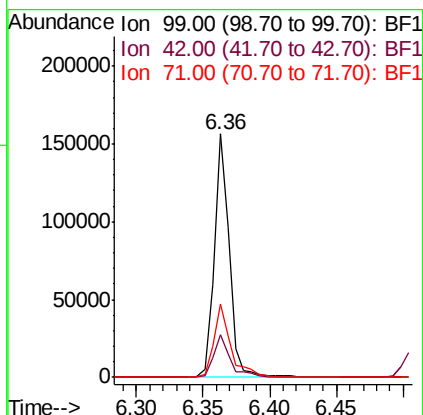
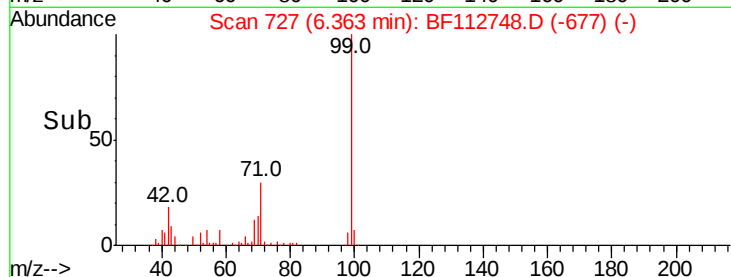
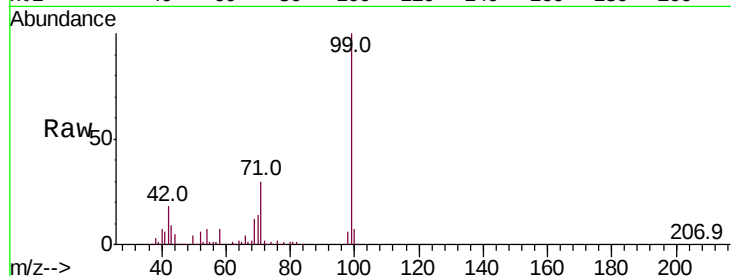
Tot Ion: 99 Resp: 124208

Ion Ratio Lower Upper

99 100

42 17.5 16.3 24.5

71 30.1 26.2 39.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112748.D

Acq: 28 Feb 2019 5:30

Tgt Ion: 136 Resp: 638719

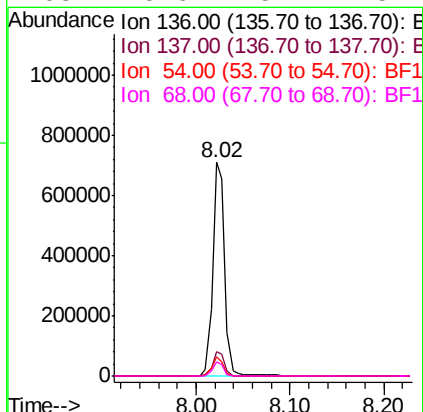
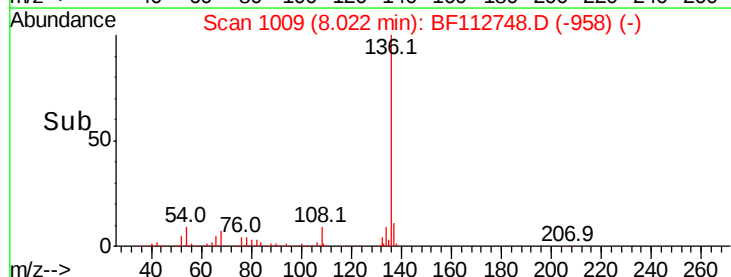
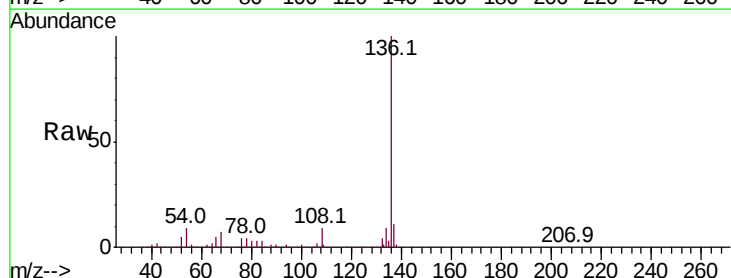
Ion Ratio Lower Upper

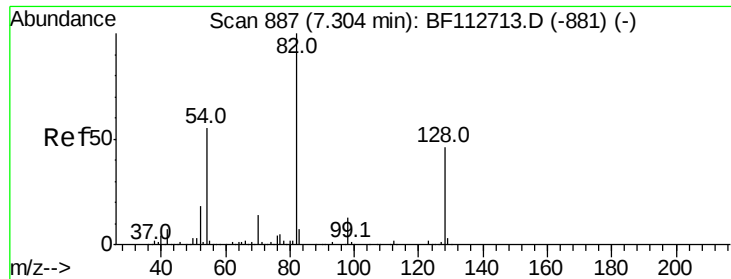
136 100

137 11.3 8.9 13.3

54 9.0 7.3 10.9

68 6.6 5.4 8.2

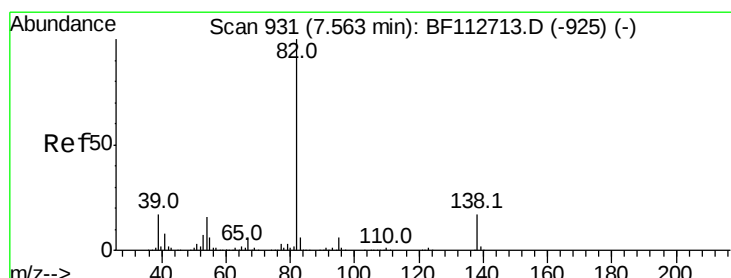
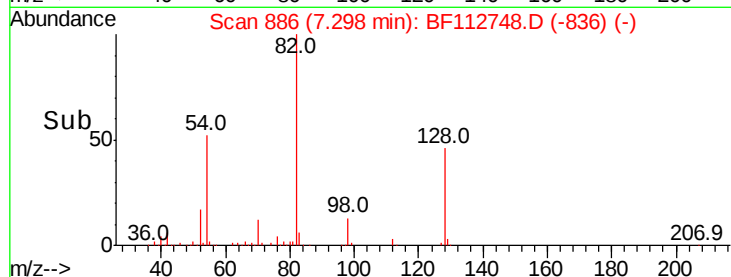
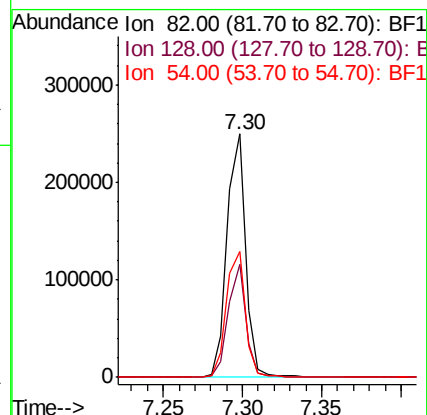
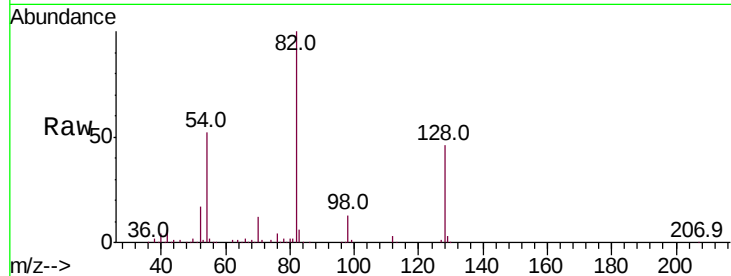




#23
Nitrobenzene-d5
Concen: 19.083 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112748.D
Acq: 28 Feb 2019 5:30

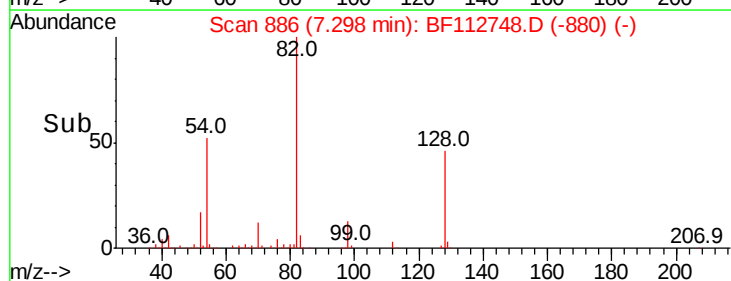
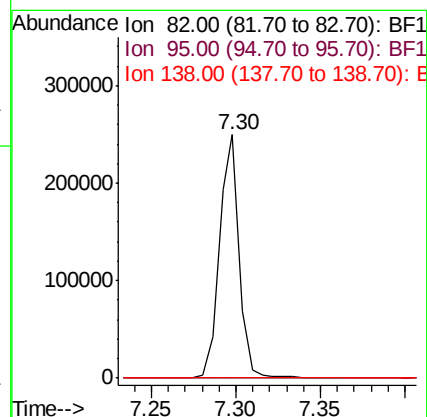
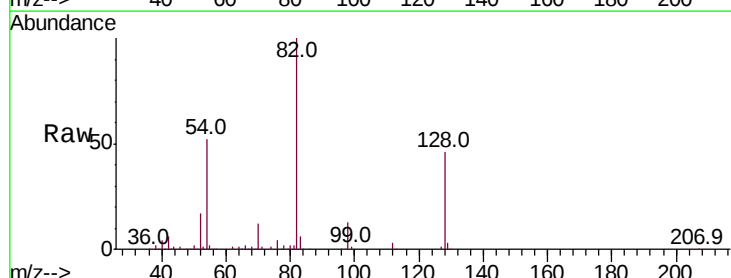
Instrument :
BNA_F
ClientSampleId :
HP-627

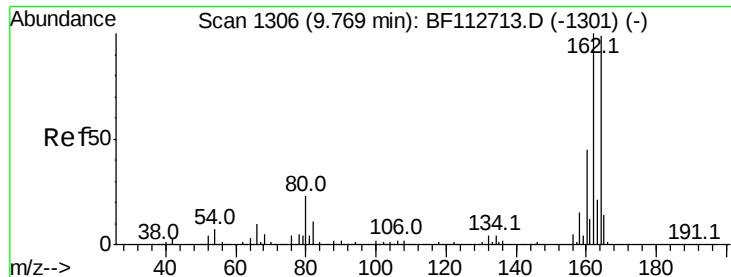
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	51.9	43.7	65.5



#25
Isophorone
Concen: 8.858 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112748.D
Acq: 28 Feb 2019 5:30

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

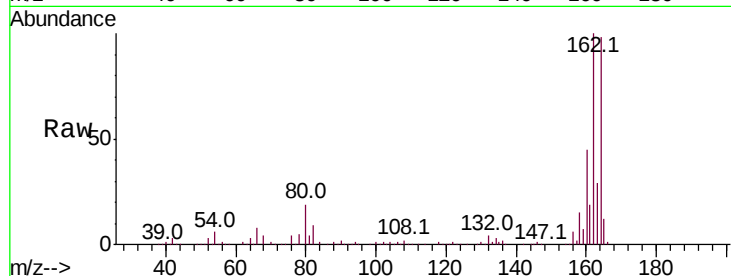




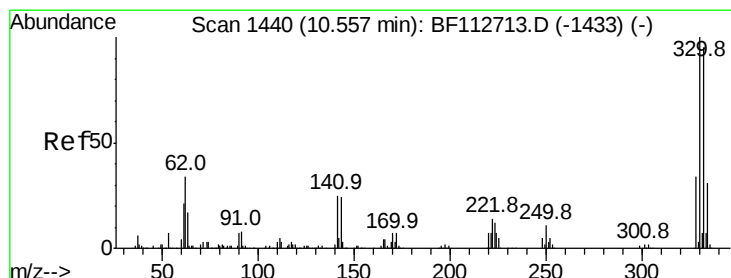
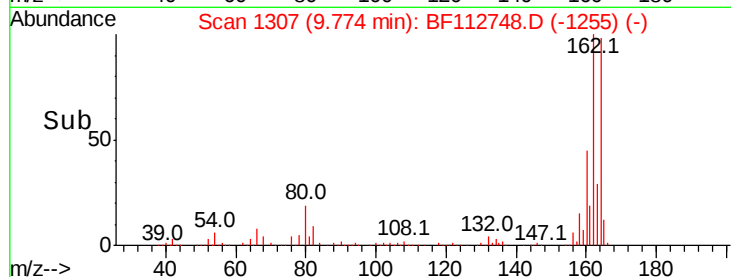
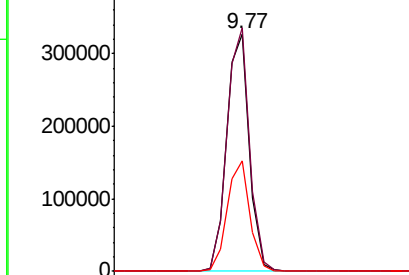
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112748.D
Acq: 28 Feb 2019 5:30

Instrument :
BNA_F
ClientSampled :
HP-627

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	120.8
160	46.5	36.0	54.0

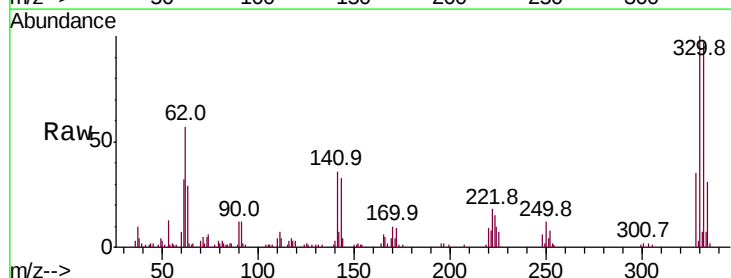


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

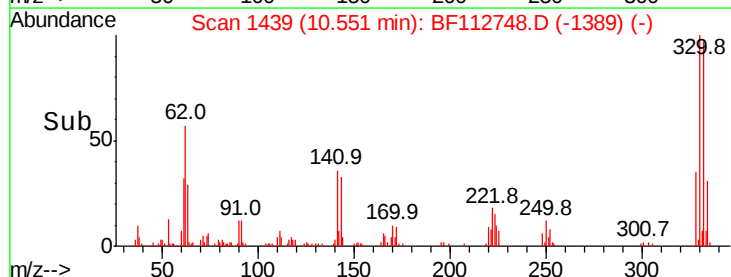
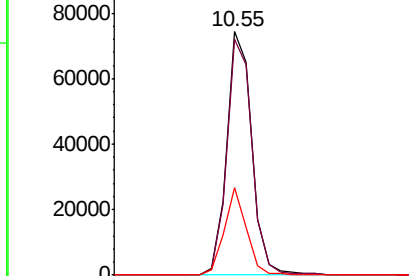


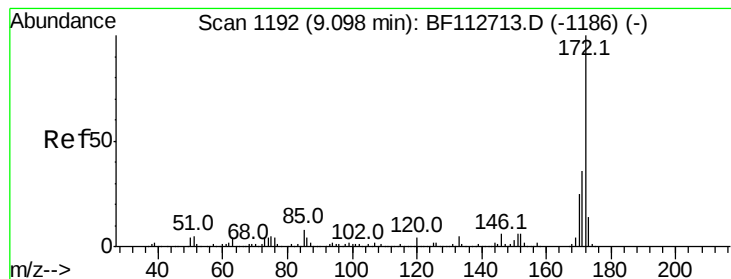
#42
2,4,6-Tribromophenol
Concen: 21.880 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112748.D
Acq: 28 Feb 2019 5:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.2	114.4
141	31.9	27.0	40.6



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: 14.537 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF112748.D

Acq: 28 Feb 2019 5:30

Instrument :

BNA_F

ClientSampleId :

HP-627

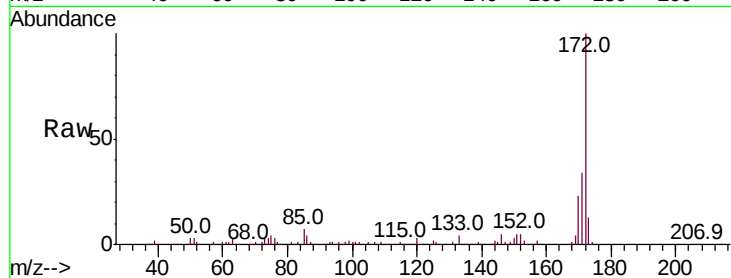
Tot Ion:172 Resp: 420603

Ion Ratio Lower Upper

172 100

171 34.3 29.0 43.4

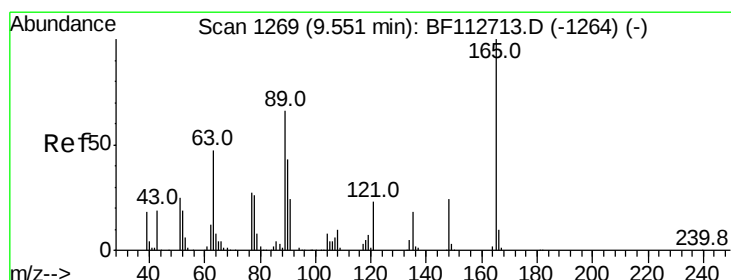
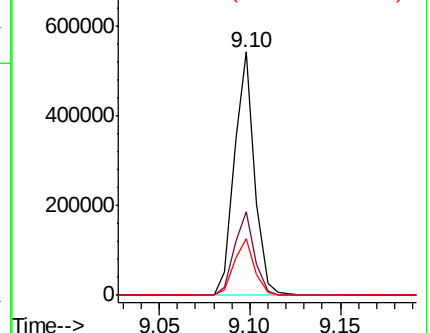
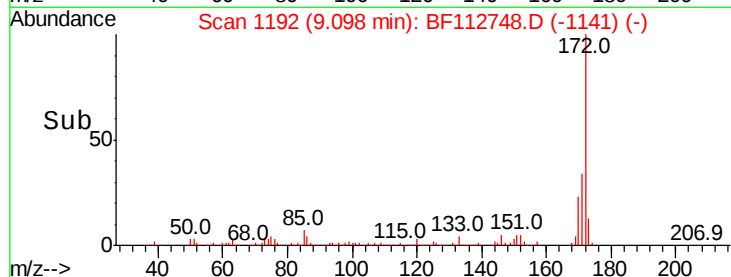
170 23.4 20.0 30.0



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



#51

2,6-Dinitrotoluene

Concen: 8.364 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.22 min

Lab File: BF112748.D

Acq: 28 Feb 2019 5:30

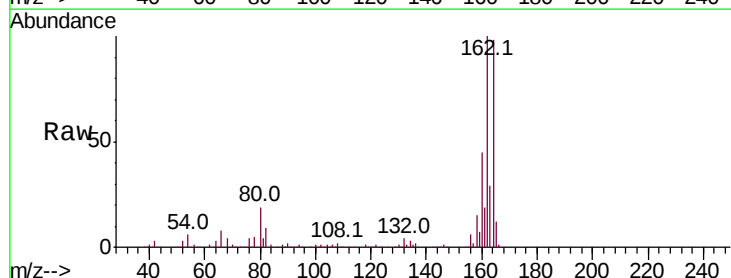
Tgt Ion:165 Resp: 36399

Ion Ratio Lower Upper

165 100

63 1.2 54.1 81.1#

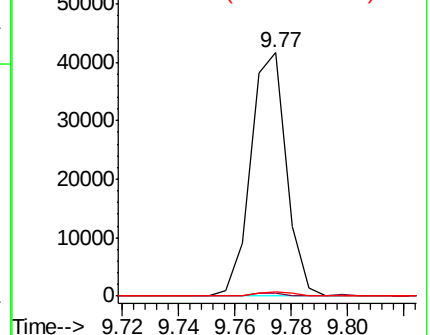
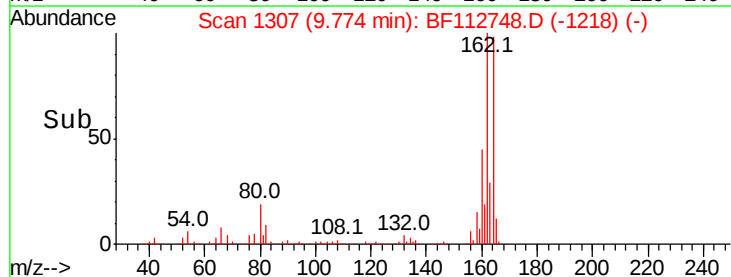
89 1.8 52.8 79.2#

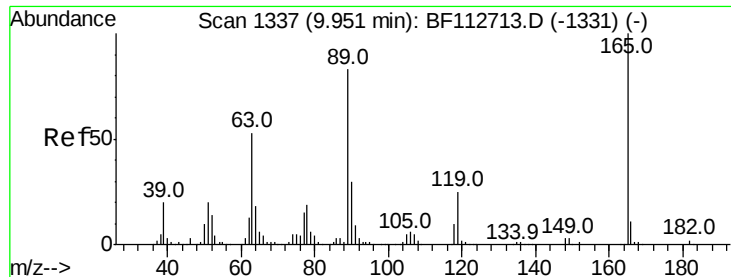


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

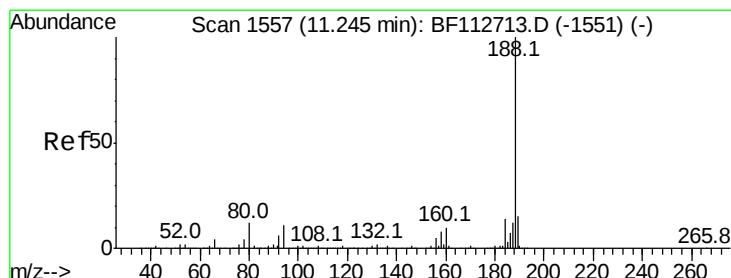
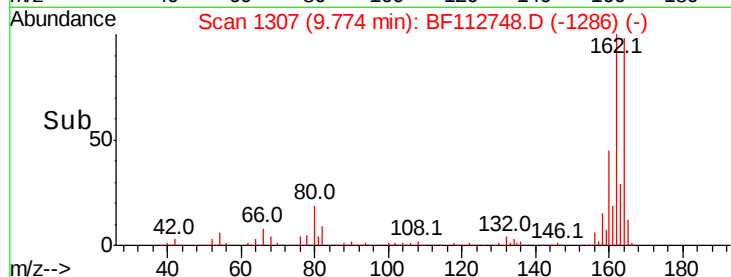
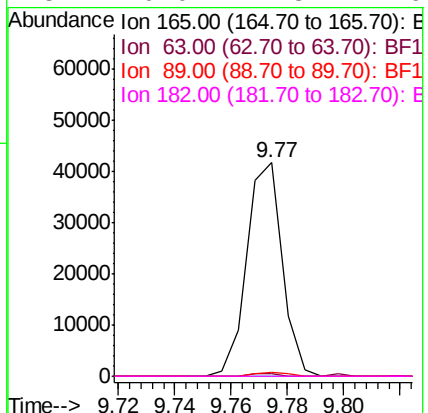
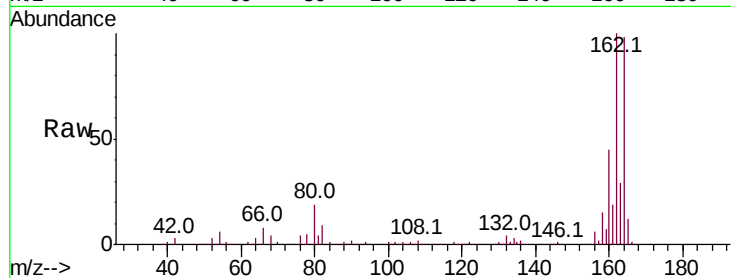




#57
2,4-Dinitrotoluene
Concen: 6.729 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112748.D
Acq: 28 Feb 2019 5:30

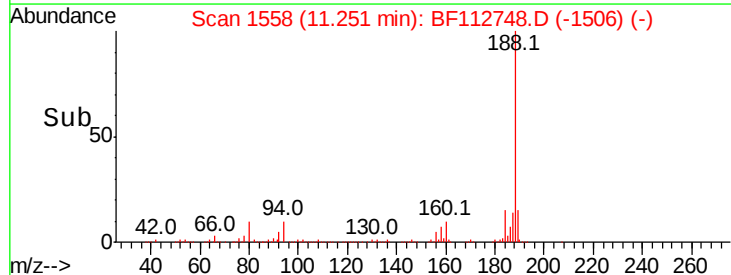
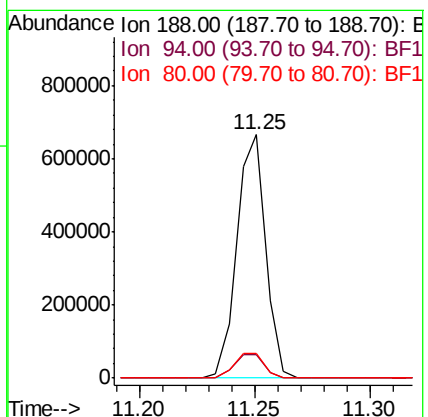
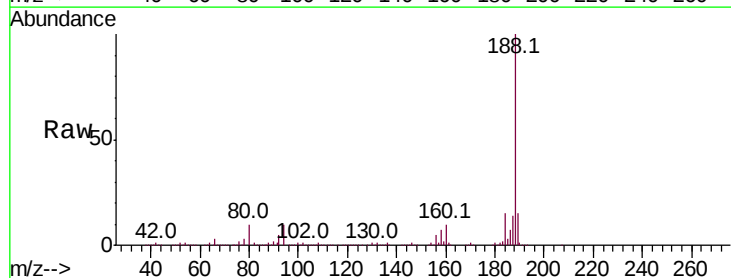
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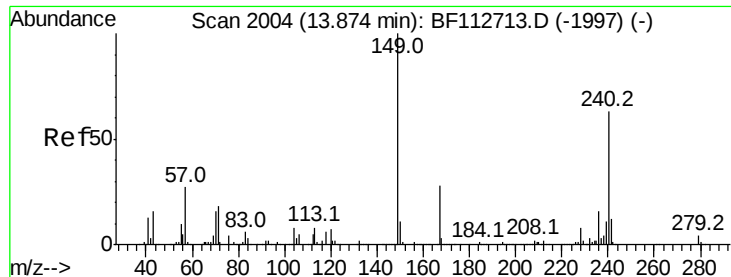
Tot Ion:165	Resp:	36399
Ion Ratio	Lower	Upper
165	100	
63	1.2	42.2 63.2#
89	1.8	66.2 99.4#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112748.D
Acq: 28 Feb 2019 5:30

Tgt Ion:188	Resp:	577898
Ion Ratio	Lower	Upper
188	100	
94	9.7	9.0 13.4
80	10.0	9.2 13.8

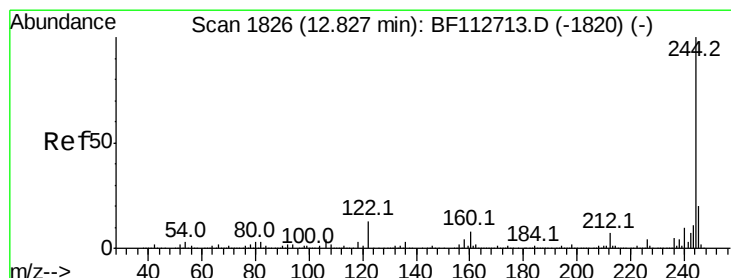
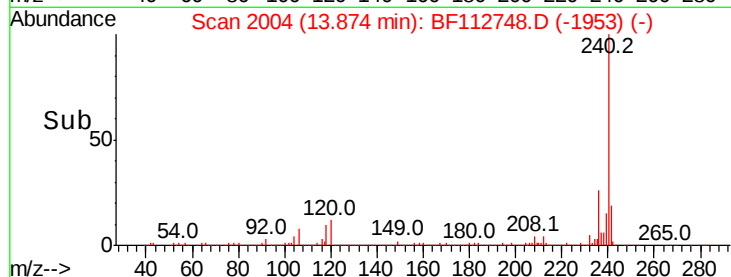
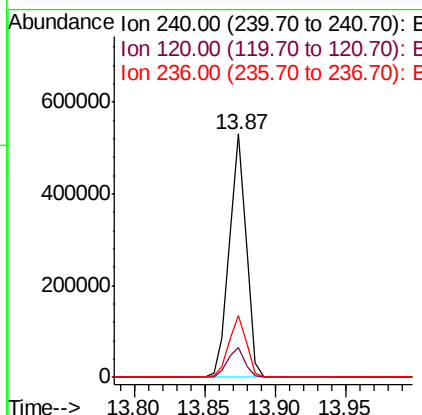
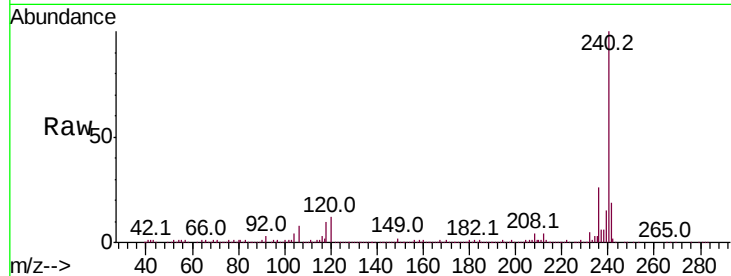




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112748.D
Acq: 28 Feb 2019 5:30

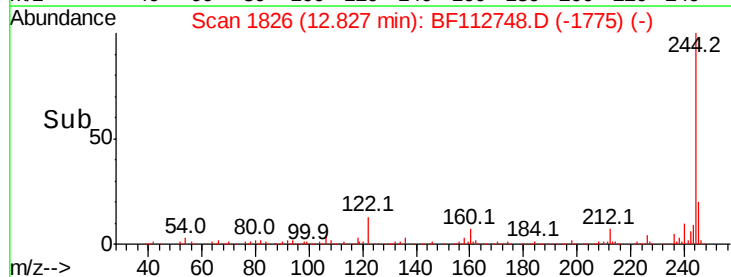
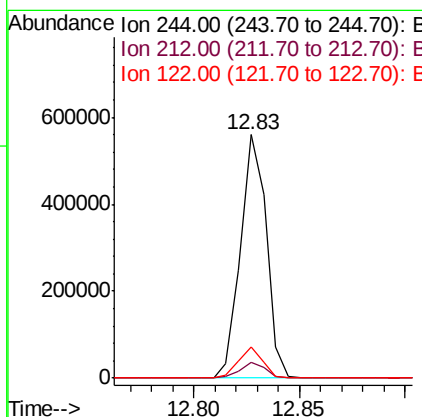
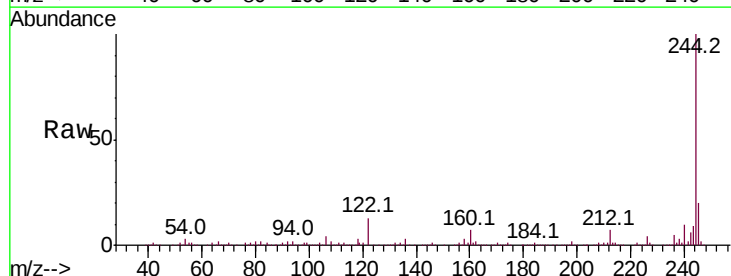
Instrument :
BNA_F
ClientSampleId :
HP-627

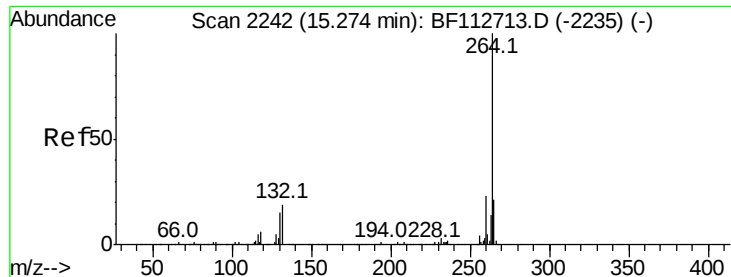
Tot Ion:240 Resp: 444546
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 20.632 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF112748.D
Acq: 28 Feb 2019 5:30

Tgt Ion:244 Resp: 473147
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 13.0 10.5 15.7

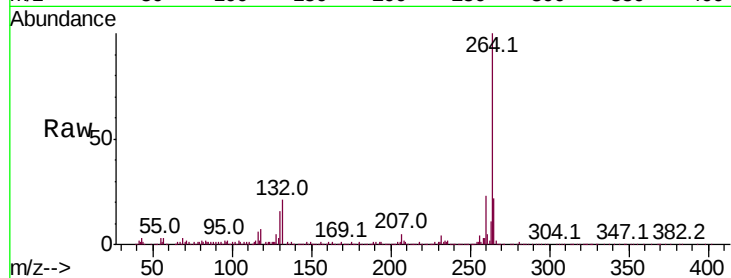




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112748.D
Acq: 28 Feb 2019 5:30

Instrument :
BNA_F
ClientSampleId :
HP-627

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.9	17.2	25.8



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

