

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113523.D
 Acq On : 2 Apr 2019 23:39
 Operator : JU/SJ
 Sample : K2196-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-040119

Quant Time: Apr 03 01:04:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

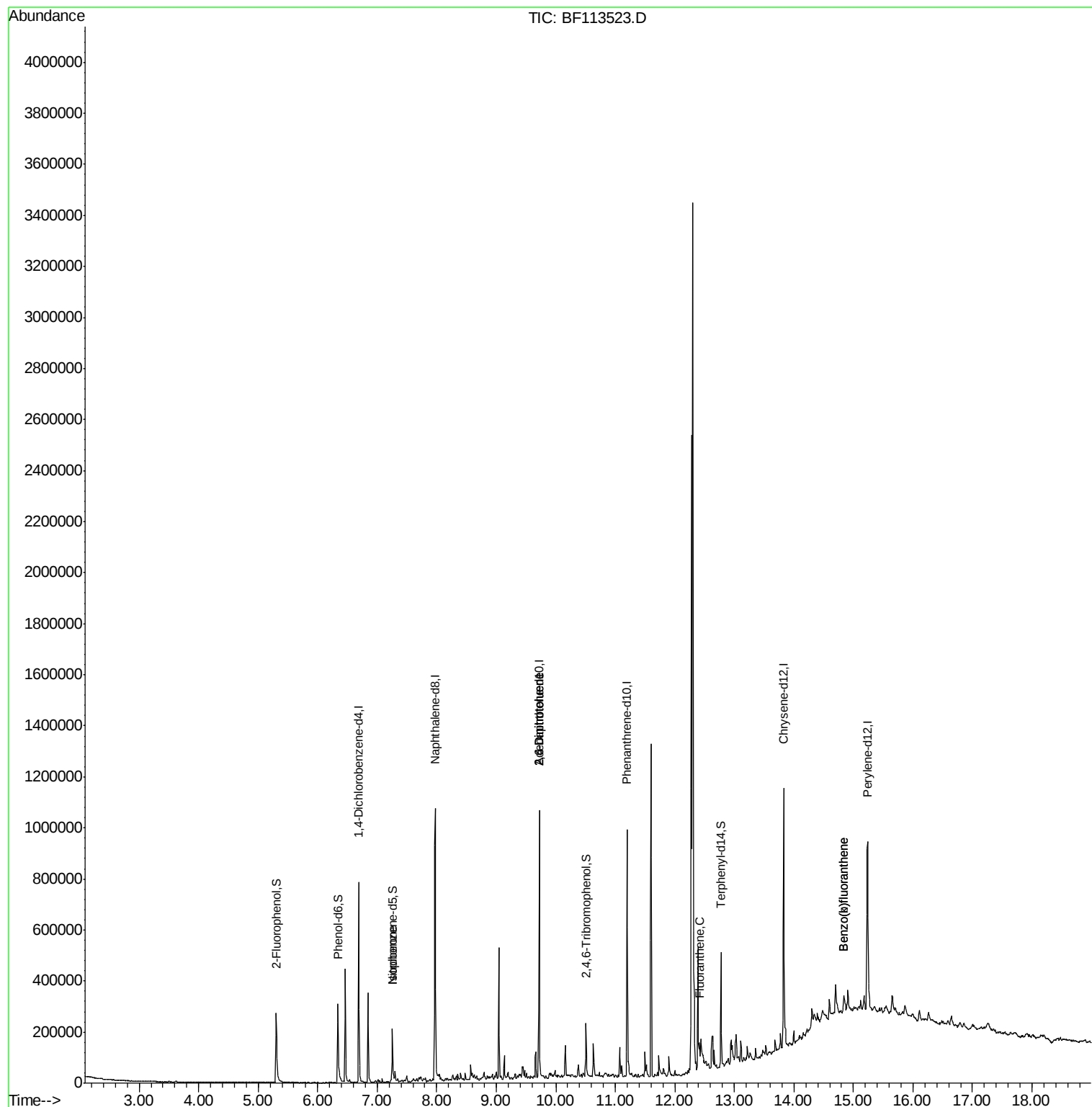
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	131301	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	489937	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	208814	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	360587	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	383004	20.00	ng	-0.01
87) Perylene-d12	15.24	264	314788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	108040	13.45	ng	-0.01
7) Phenol-d6	6.34	99	146620	14.43	ng	-0.02
23) Nitrobenzene-d5	7.25	82	81818	9.91	ng	-0.02
42) 2,4,6-Tribromophenol	10.51	330	31663	12.28	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	170612	-6.10	ng	-0.02
79) Terphenyl-d14	12.78	244	162398	9.35	ng	-0.02
Target Compounds						
25) Isophorone	7.25	82	81827	5.115	ng	# 64
51) 2,6-Dinitrotoluene	9.72	165	27526	7.885	ng	# 27
57) 2,4-Dinitrotoluene	9.72	165	27526	6.200	ng	# 24
75) Fluoranthene	12.41	202	41673	2.059	ng	99
88) Benzo(b)fluoranthene	14.84	252	40099	2.051	ng	# 88
89) Benzo(k)fluoranthene	14.84	252	40099	2.335	ng	# 87

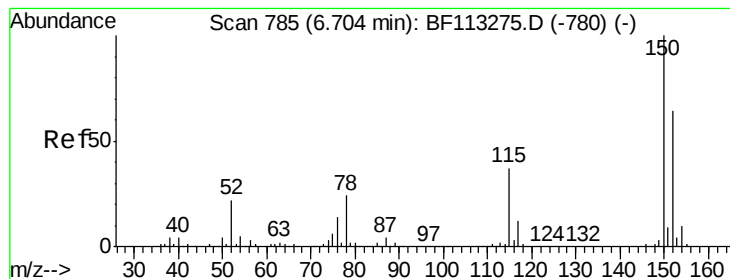
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF113523.D

Acq: 2 Apr 2019 23:39

Instrument :

BNA_F

ClientSampleId :

HD-01-040119

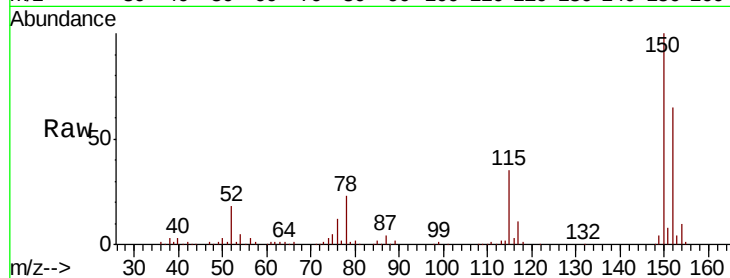
Tgt Ion:152 Resp: 131301

Ion Ratio Lower Upper

152 100

150 153.5 124.7 187.1

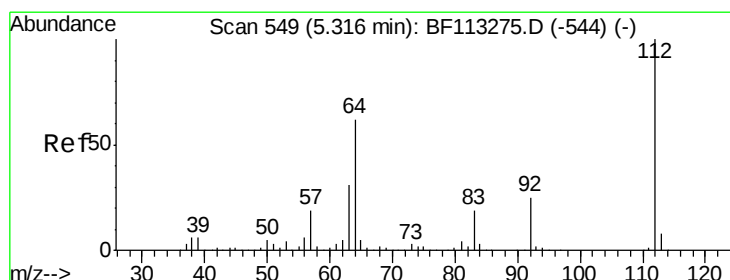
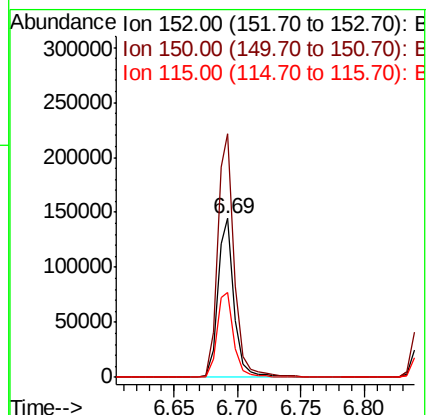
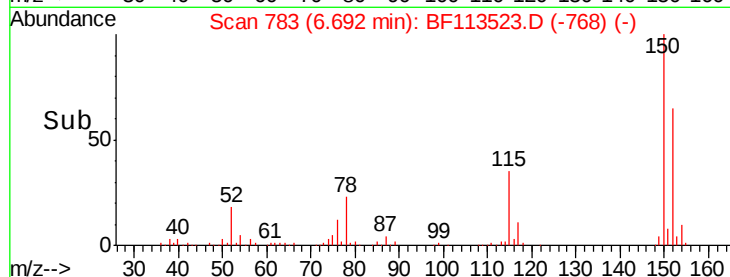
115 53.8 46.0 69.0



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: 13.454 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF113523.D

Acq: 2 Apr 2019 23:39

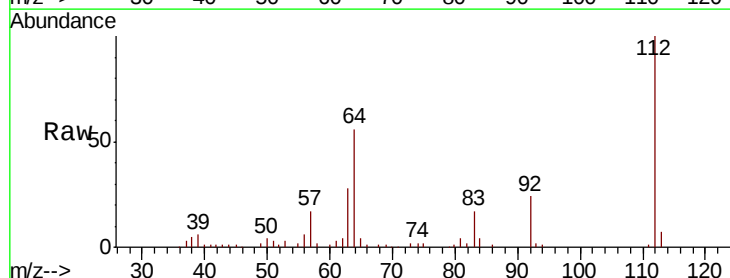
Tgt Ion:112 Resp: 108040

Ion Ratio Lower Upper

112 100

64 55.7 49.2 73.8

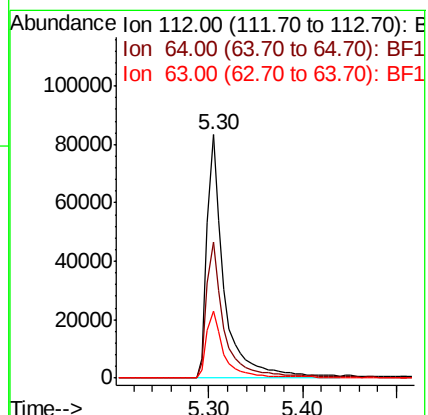
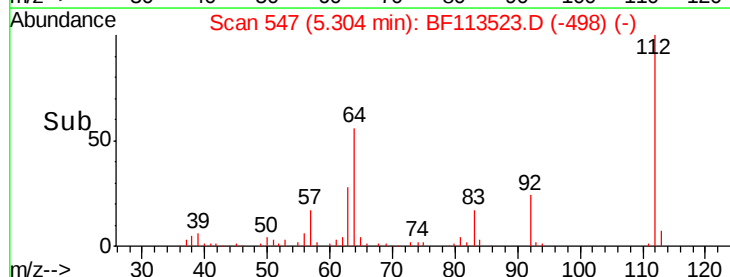
63 27.5 24.9 37.3



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: 14.433 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF113523.D

Acq: 2 Apr 2019 23:39

Instrument :

BNA_F

ClientSampleId :

HD-01-040119

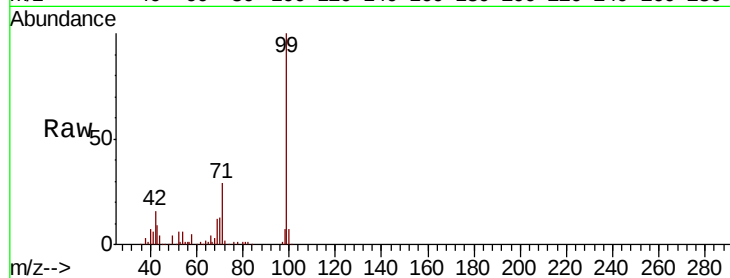
Tgt Ion: 99 Resp: 146620

Ion Ratio Lower Upper

99 100

42 16.4 14.8 22.2

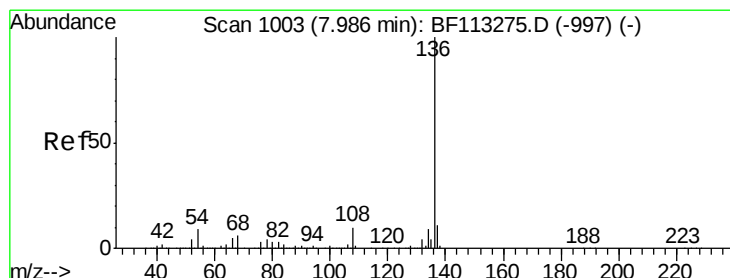
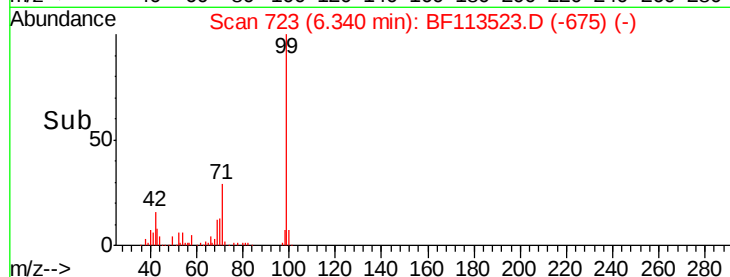
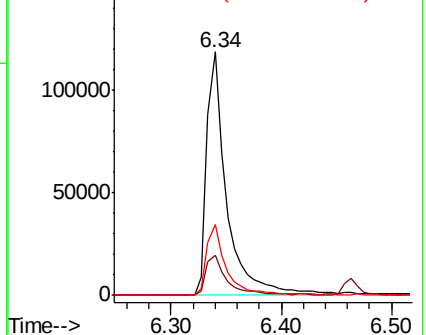
71 29.1 24.9 37.3



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113523.D

Acq: 2 Apr 2019 23:39

Tgt Ion: 136 Resp: 489937

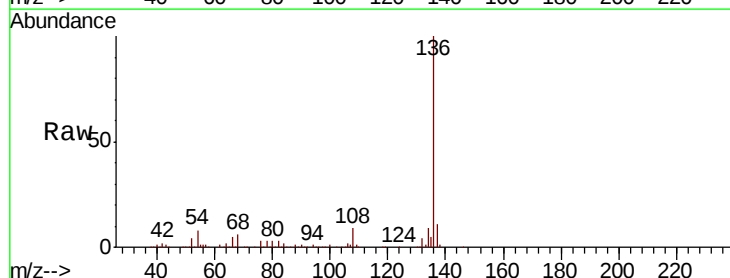
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.7 7.0 10.6

68 5.7 4.8 7.2

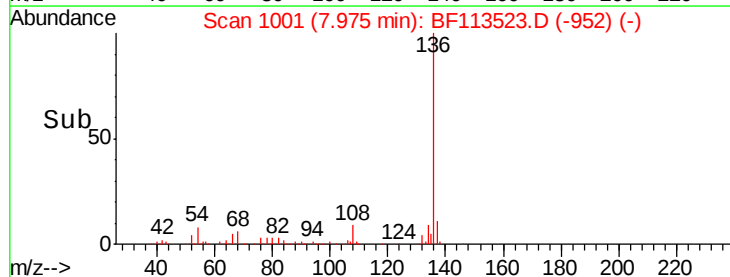
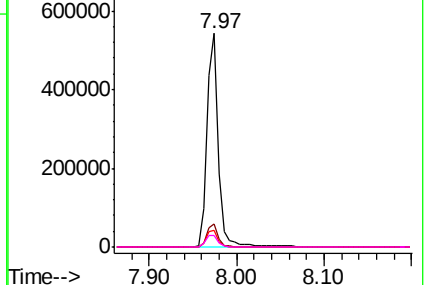


Abundance Ion 136.00 (135.70 to 136.70): E

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

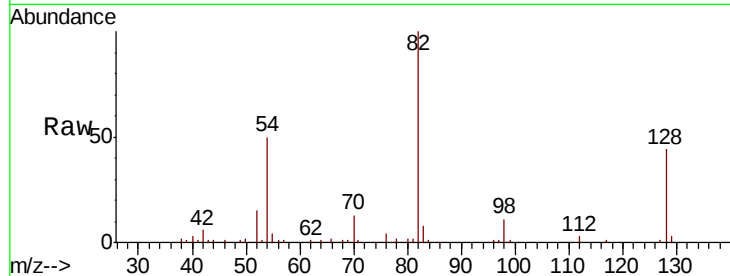




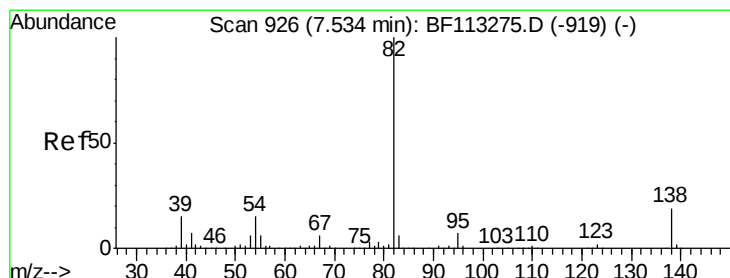
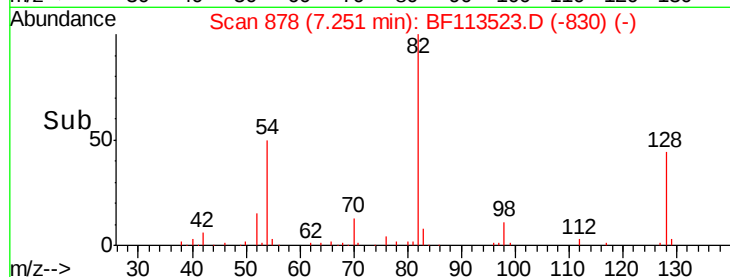
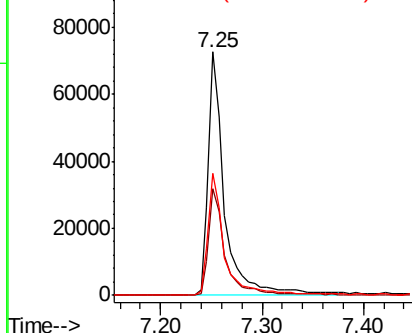
#23
Nitrobenzene-d5
Concen: 9.912 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF113523.D
Acq: 2 Apr 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HD-01-040119

Tgt Ion: 82 Resp: 81818
Ion Ratio Lower Upper
82 100
128 44.0 36.5 54.7
54 50.4 42.2 63.2

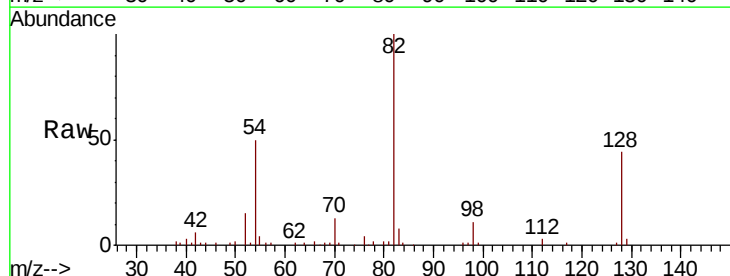


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

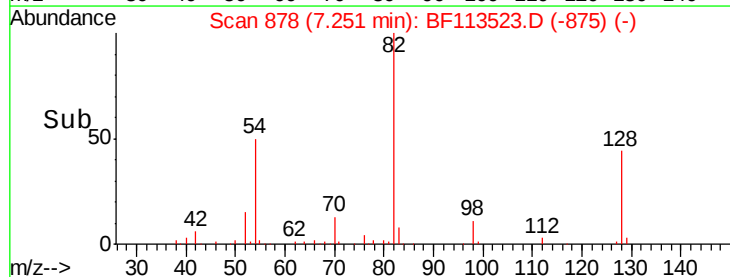
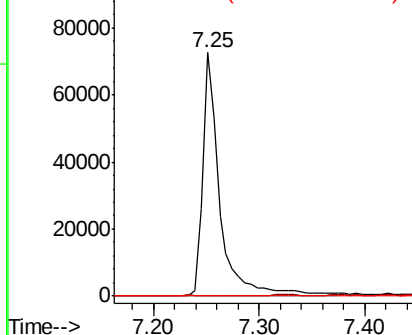


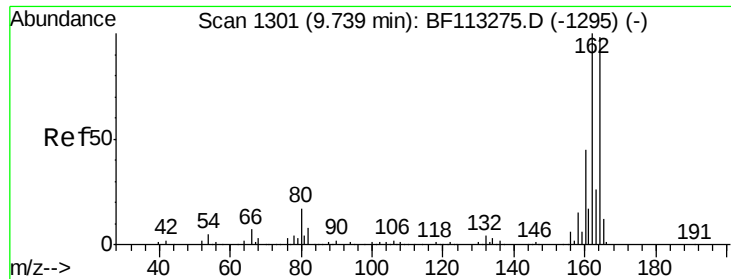
#25
Isophorone
Concen: 5.115 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF113523.D
Acq: 2 Apr 2019 23:39

Tgt Ion: 82 Resp: 81827
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



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

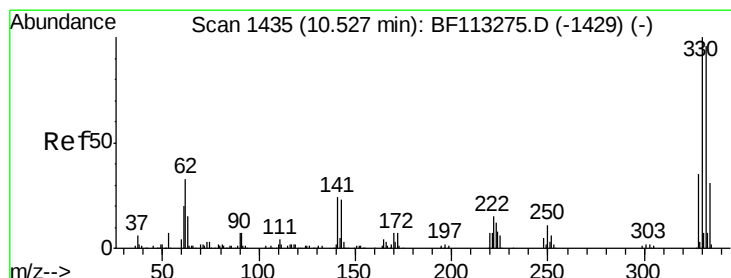
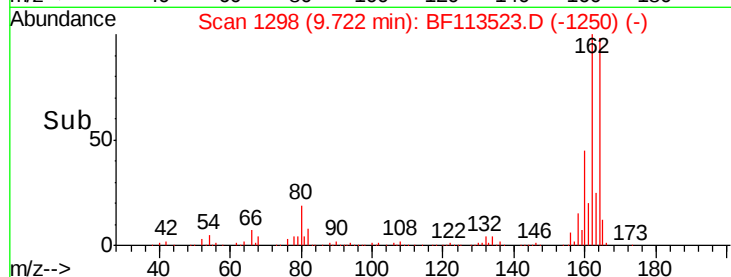
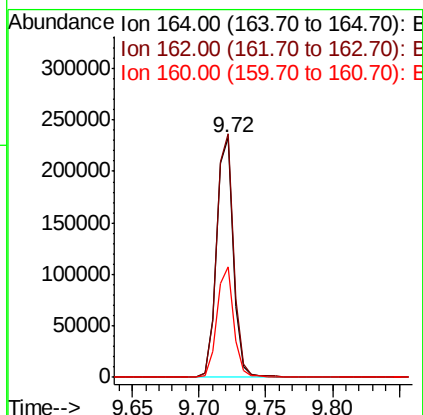
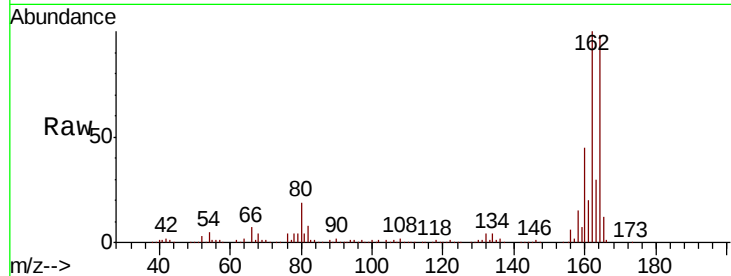




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF113523.D
 Acq: 2 Apr 2019 23:39

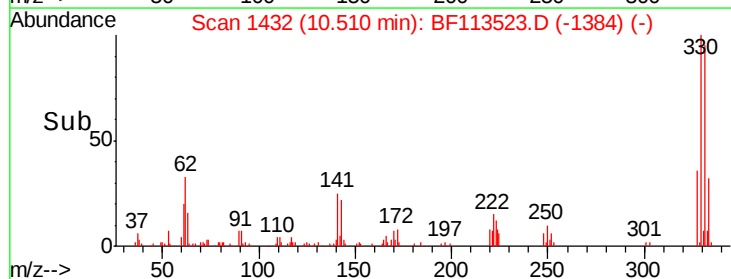
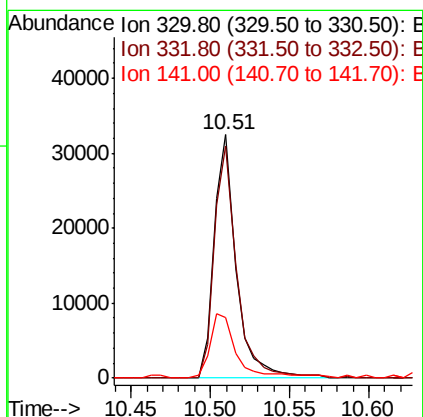
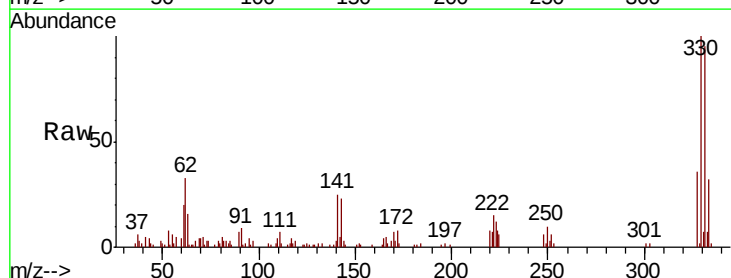
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-040119

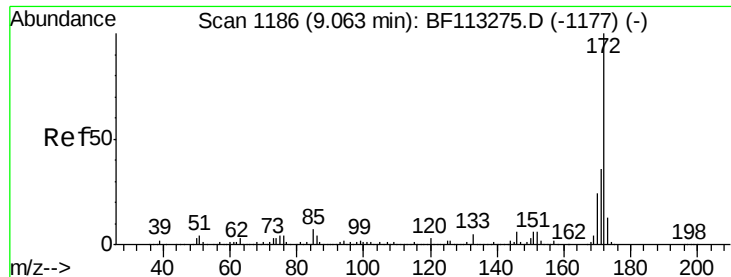
Tgt Ion:164 Resp: 208814
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.8 122.6
 160 45.9 36.4 54.6



#42
 2,4,6-Tribromophenol
 Concen: 12.276 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113523.D
 Acq: 2 Apr 2019 23:39

Tgt Ion:330 Resp: 31663
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.8 116.6
 141 32.4 22.7 34.1

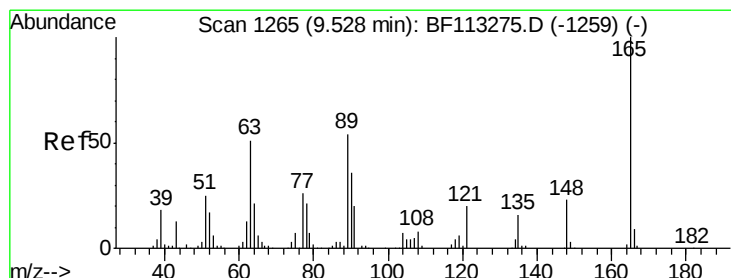
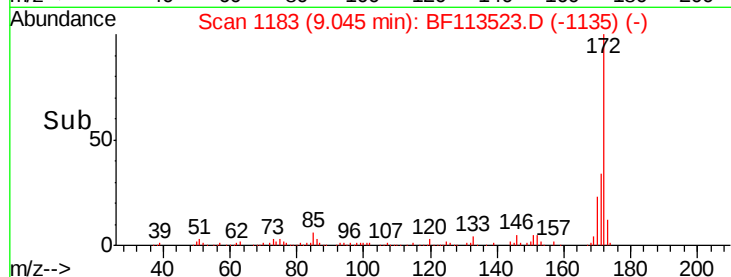
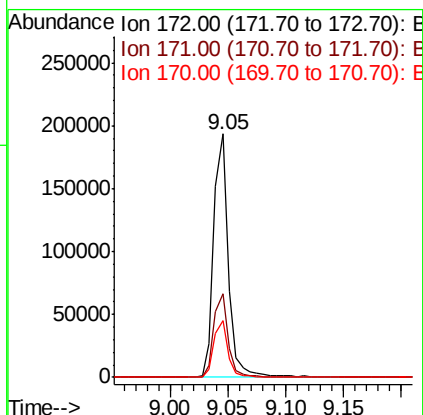
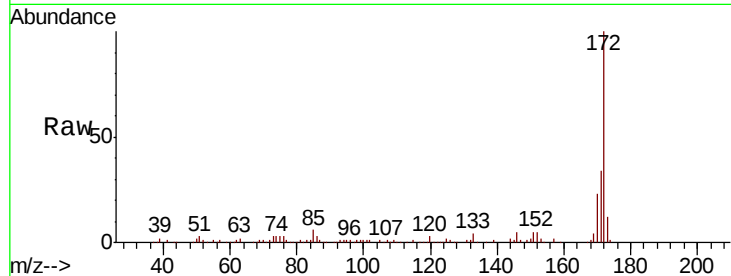




#45
 2-Fluorobiphenyl
 Concen: -6.096 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113523.D
 Acq: 2 Apr 2019 23:39

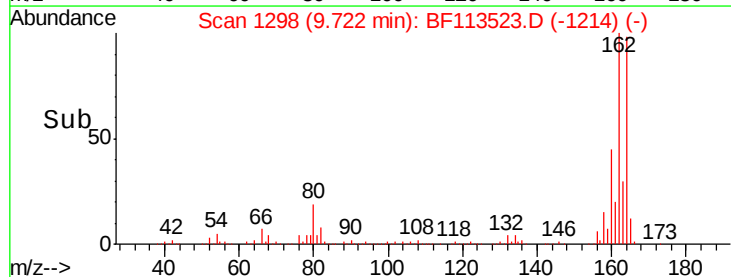
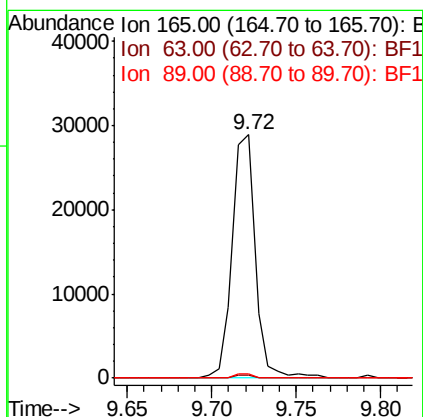
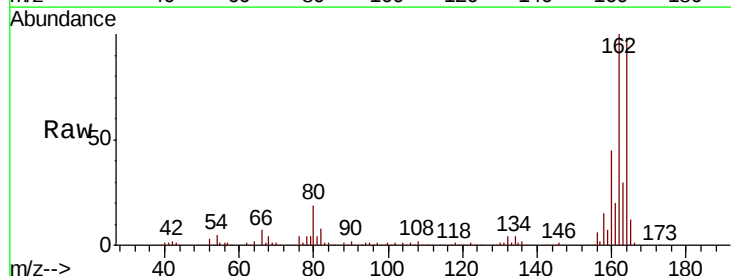
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-040119

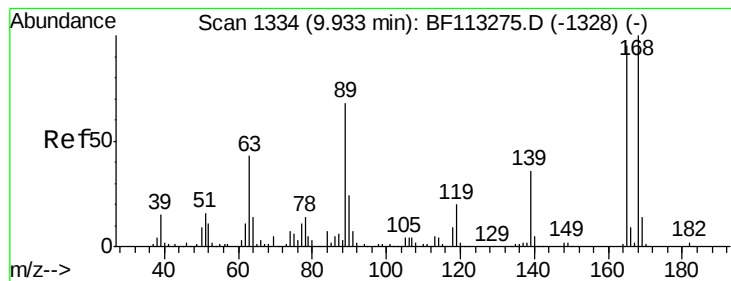
Tgt Ion:172 Resp: 170612
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.0 43.6
 170 23.1 19.5 29.3



#51
 2,6-Dinitrotoluene
 Concen: 7.885 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.19 min
 Lab File: BF113523.D
 Acq: 2 Apr 2019 23:39

Tgt Ion:165 Resp: 27526
 Ion Ratio Lower Upper
 165 100
 63 1.5 43.4 65.0#
 89 1.8 43.1 64.7#





#57

2,4-Dinitrotoluene

Concen: 6.200 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF113523.D

Acq: 2 Apr 2019 23:39

Instrument :

BNA_F

ClientSampleId :

HD-01-040119

Tgt Ion:165 Resp: 27526

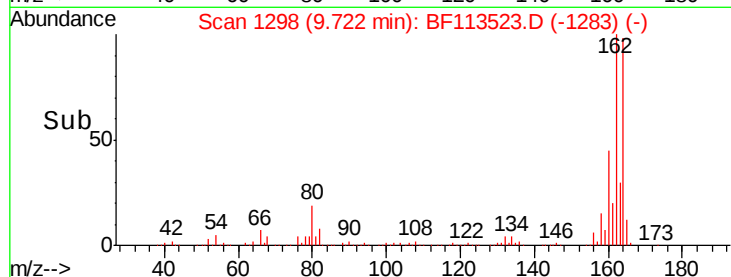
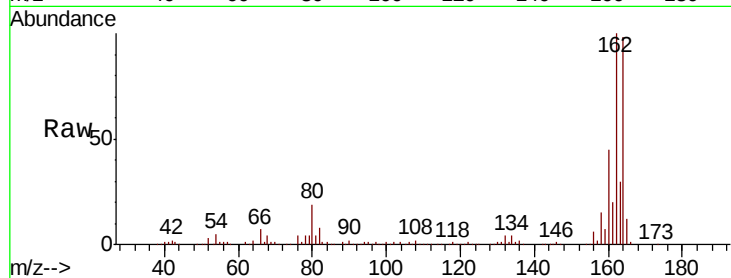
Ion Ratio Lower Upper

165 100

63 1.5 37.5 56.3#

89 1.8 57.4 86.2#

182 0.0 2.0 3.0#

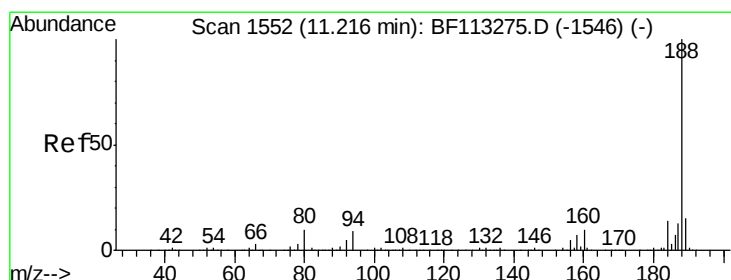
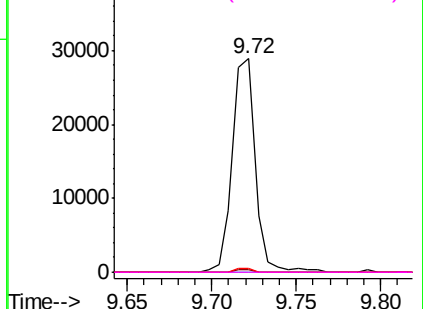


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.20 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BF113523.D

Acq: 2 Apr 2019 23:39

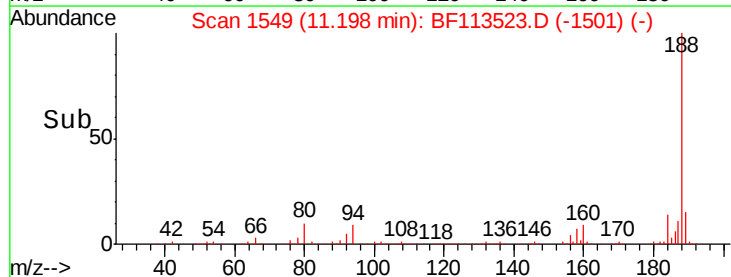
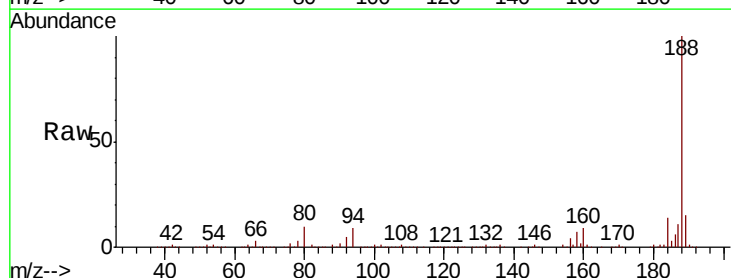
Tgt Ion:188 Resp: 360587

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

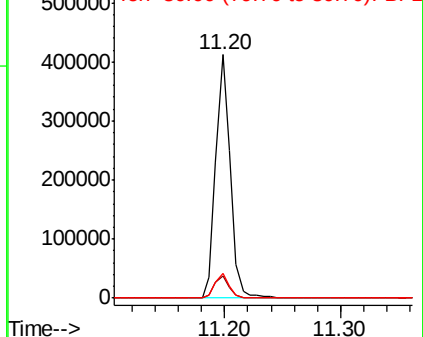
80 10.0 7.7 11.5

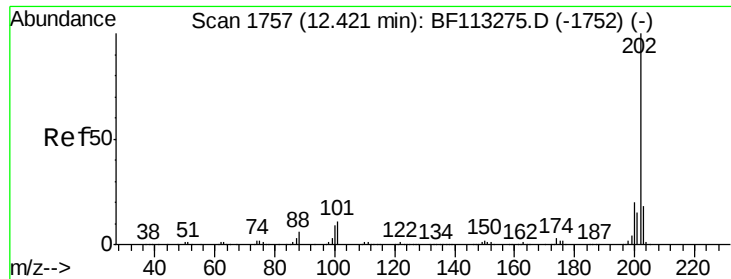


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

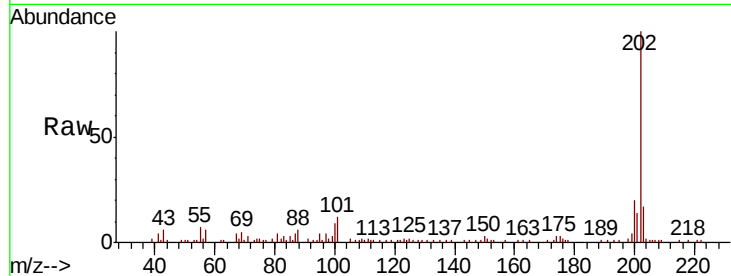




#75
Fluoranthene
Concen: 2.059 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF113523.D
Acq: 2 Apr 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HD-01-040119

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.4
203	17.2	0.0	38.0

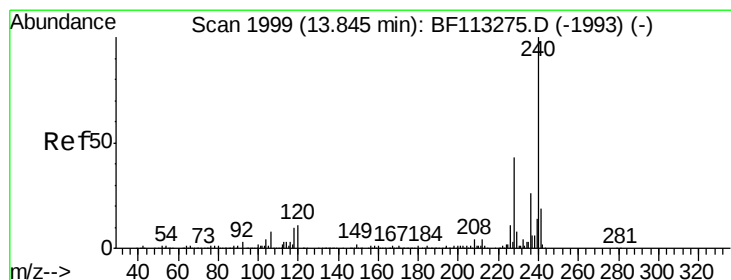
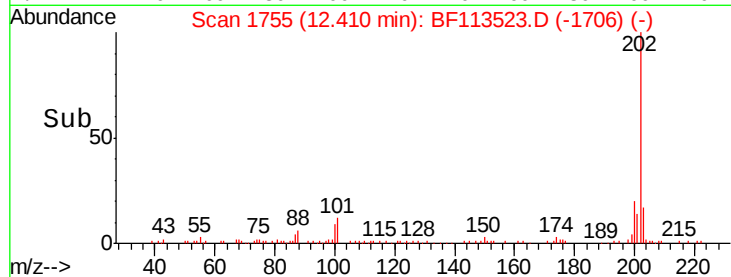
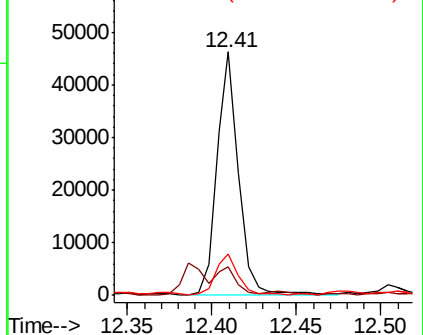


Abundance

Ion 202.00 (201.70 to 202.70): E

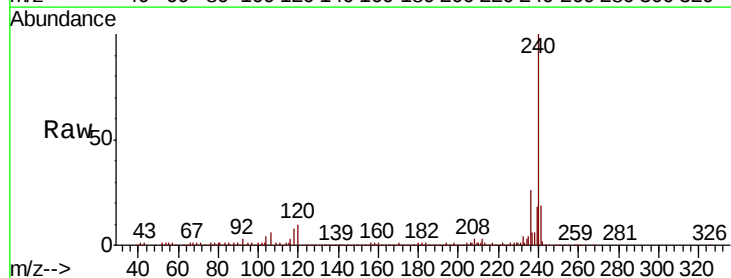
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113523.D
Acq: 2 Apr 2019 23:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.8	13.2
236	26.0	20.9	31.3

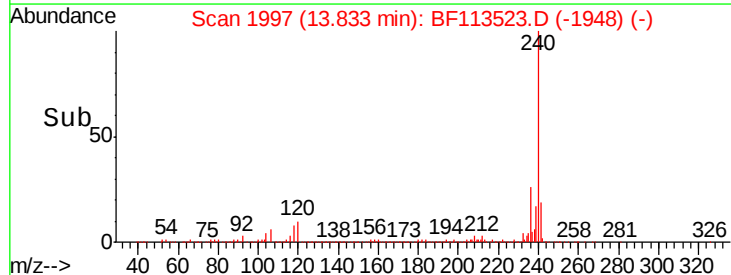
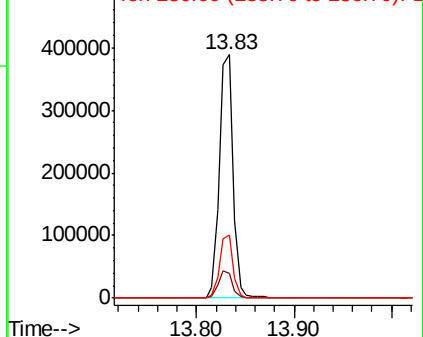


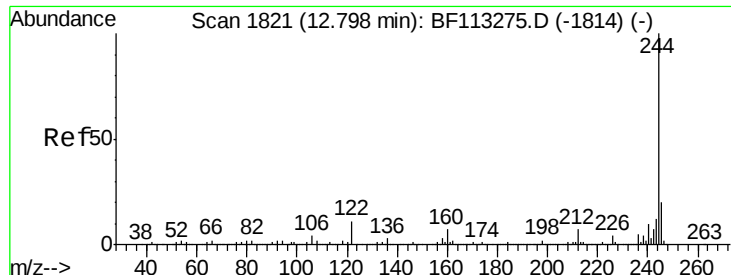
Abundance

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





#79

Terphenyl-d14

Concen: 9.346 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF113523.D

Acq: 2 Apr 2019 23:39

Instrument :

BNA_F

ClientSampleId :

HD-01-040119

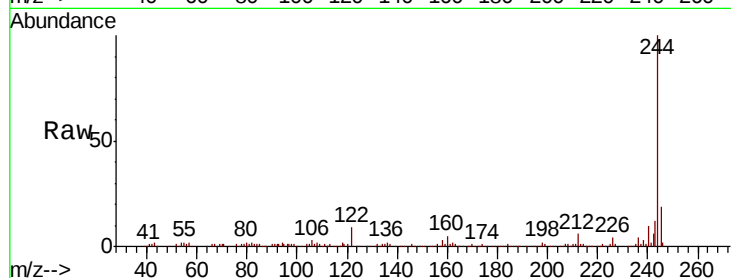
Tgt Ion:244 Resp: 162398

Ion Ratio Lower Upper

244 100

212 5.9 5.5 8.3

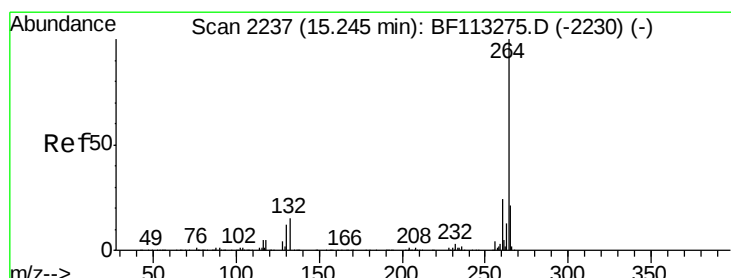
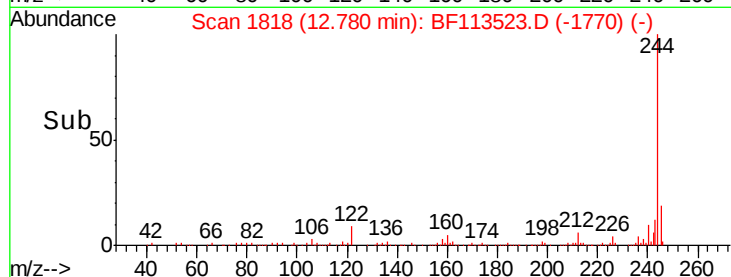
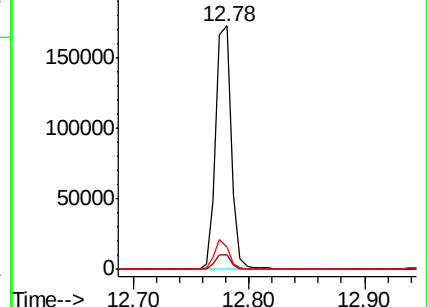
122 9.3 8.6 13.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113523.D

Acq: 2 Apr 2019 23:39

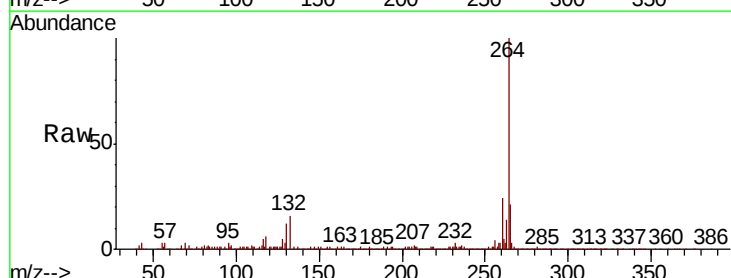
Tgt Ion:264 Resp: 314788

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

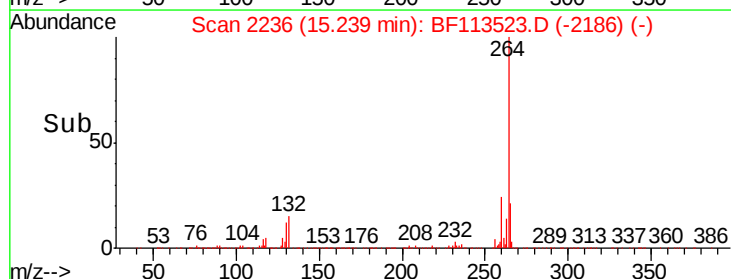
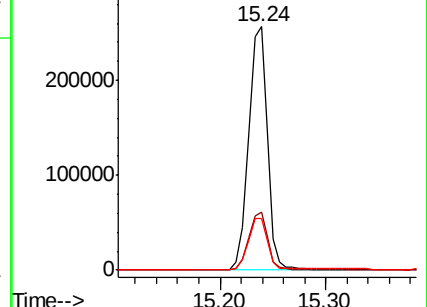
265 21.1 17.1 25.7

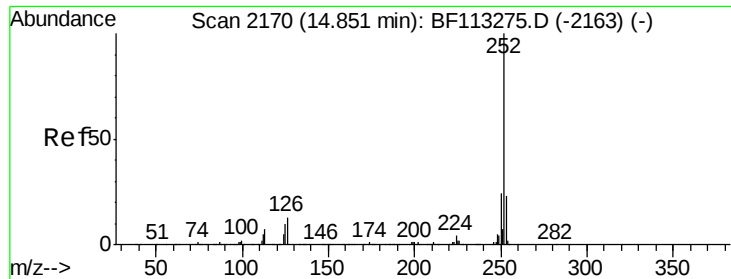


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

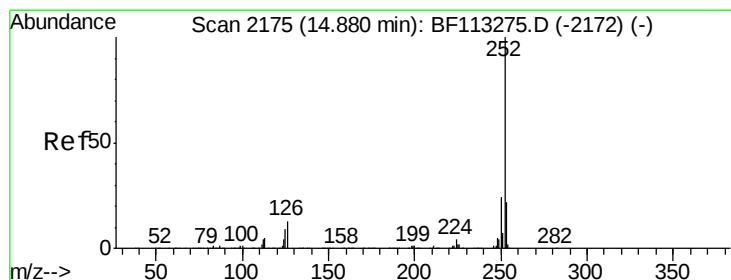
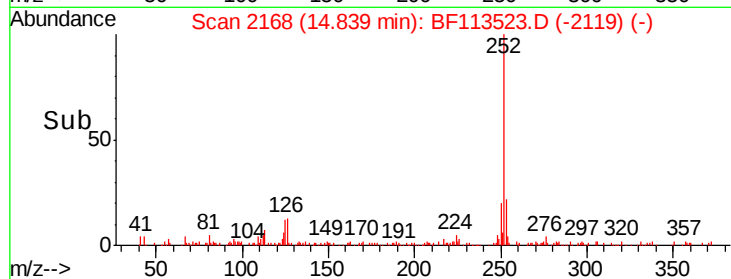
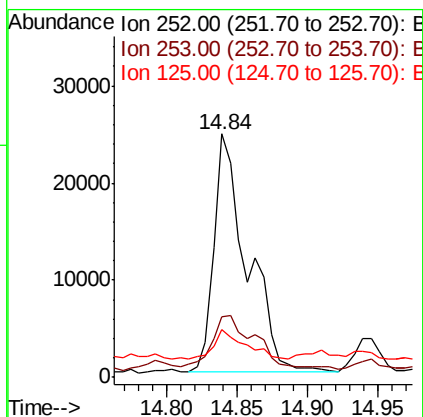
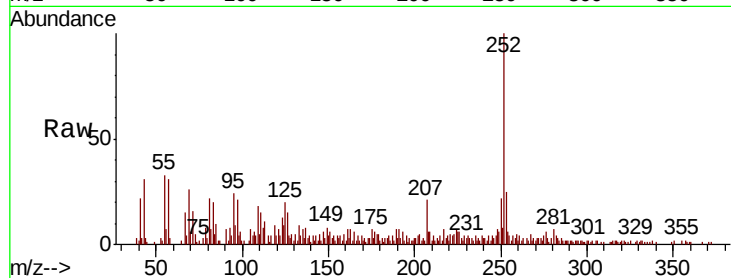




#88
Benzo(b)fluoranthene
Concen: 2.051 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113523.D
Acq: 2 Apr 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HD-01-040119

Tgt Ion:252 Resp: 40099
Ion Ratio Lower Upper
252 100
253 24.9 18.0 27.0
125 19.5 7.6 11.4#



#89
Benzo(k)fluoranthene
Concen: 2.335 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF113523.D
Acq: 2 Apr 2019 23:39

Tgt Ion:252 Resp: 40099
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 19.5 7.3 10.9#

