

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020519\
 Data File : BF112401.D
 Acq On : 5 Feb 2019 17:43
 Operator : JU/SJ
 Sample : K1341-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-C

Quant Time: Feb 05 22:29:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

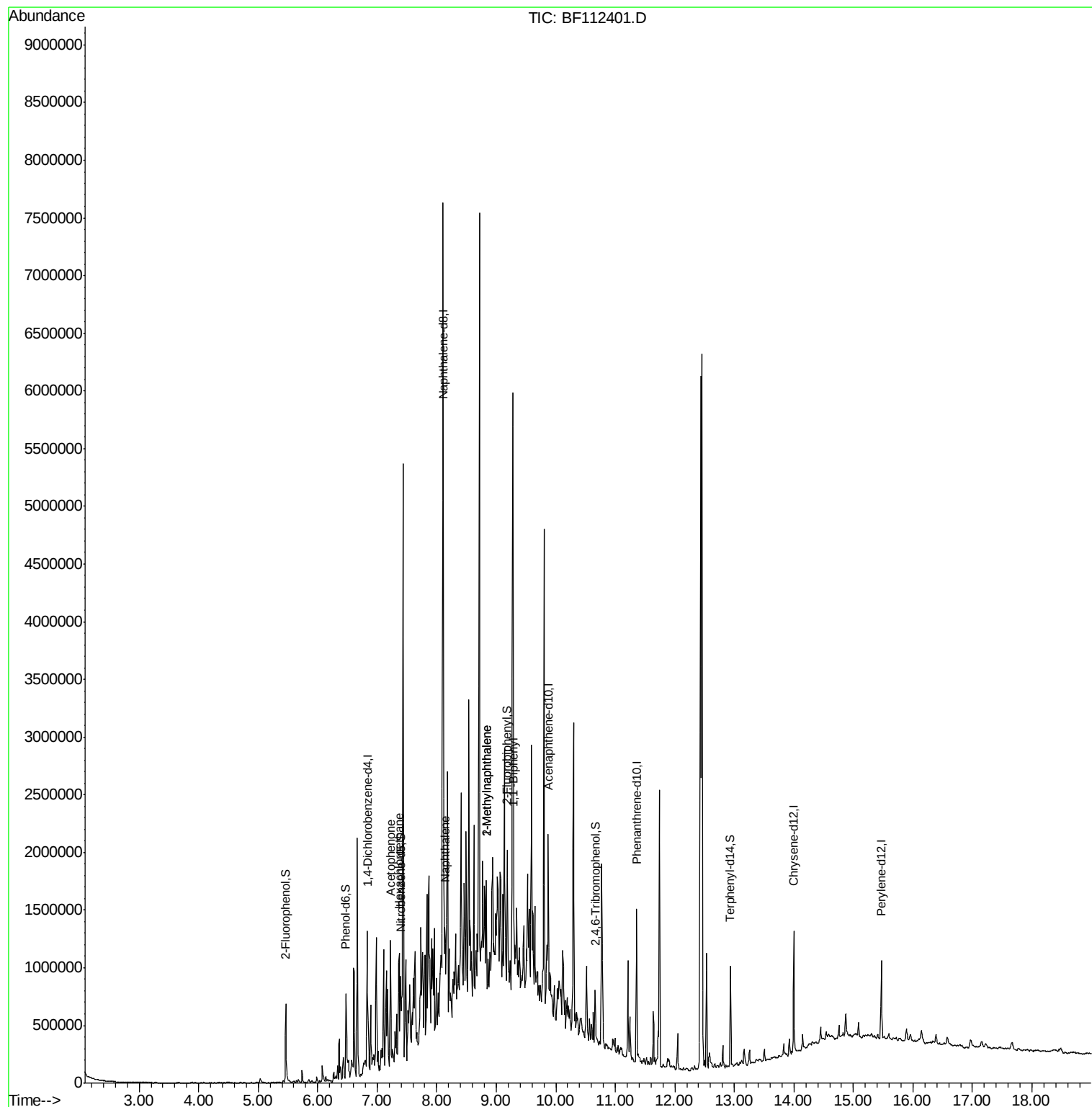
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	174382	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	605914	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	279837	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	446076	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	353409	20.00	ng	-0.01
87) Perylene-d12	15.47	264	273779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	222187	27.06	ng	-0.02
7) Phenol-d6	6.47	99	292756	25.66	ng	-0.02
23) Nitrobenzene-d5	7.39	82	171024	16.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	64585	19.83	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	352859	17.83	ng	-0.02
79) Terphenyl-d14	12.93	244	277594	14.79	ng	-0.02
Target Compounds						
18) Hexachloroethane	7.36	117	37988	8.172	ng	# 1
22) Acetophenone	7.23	105	133236	9.030	ng	# 54
31) Naphthalene	8.14	128	153564	5.420	ng	# 94
37) 2-Methylnaphthalene	8.83	142	268159	13.824	ng	98
38) 1-Methylnaphthalene	8.83	142	268159	14.423	ng	99
46) 1,1'-Biphenyl	9.29	154	107844	4.408	ng	95

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

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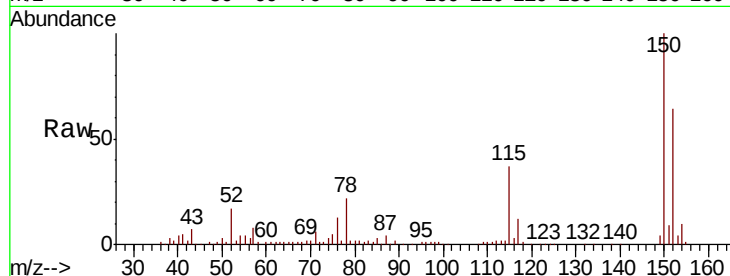


#1

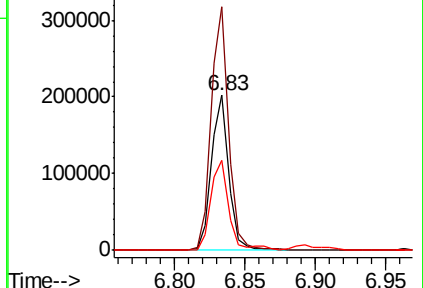
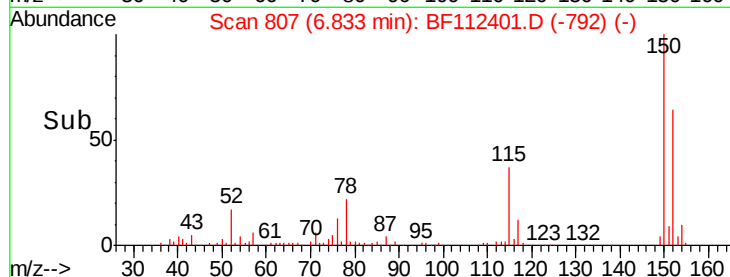
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112401.D
 Acq: 5 Feb 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-C

Tgt Ion:152 Resp: 174382
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.4 191.0
 115 57.7 45.5 68.3



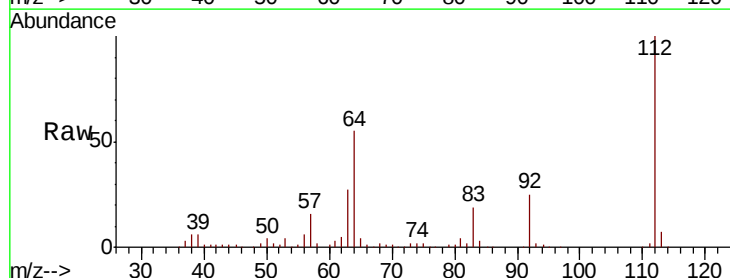
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



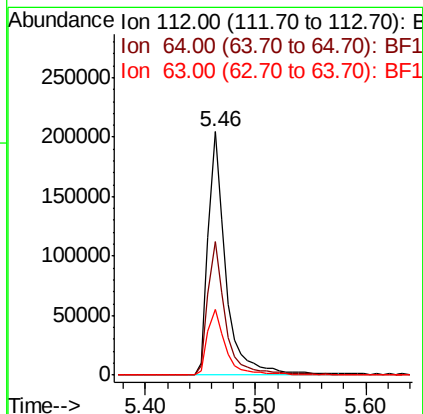
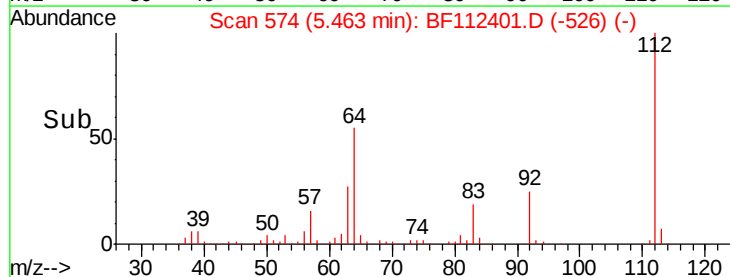
#5

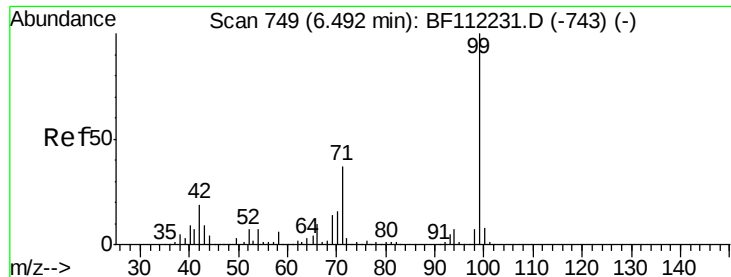
2-Fluorophenol
 Concen: 27.064 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF112401.D
 Acq: 5 Feb 2019 17:43

Tgt Ion:112 Resp: 222187
 Ion Ratio Lower Upper
 112 100
 64 54.8 45.7 68.5
 63 27.0 23.6 35.4



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: 25.662 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112401.D

Acq: 5 Feb 2019 17:43

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-C

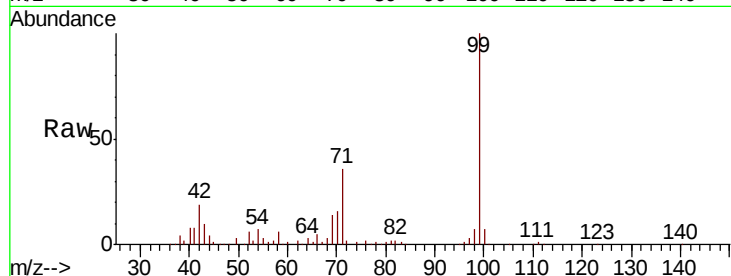
Tgt Ion: 99 Resp: 292756

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

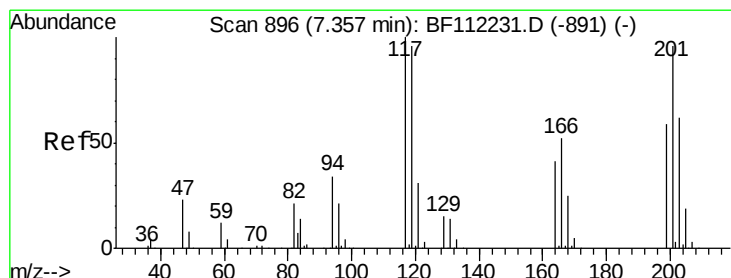
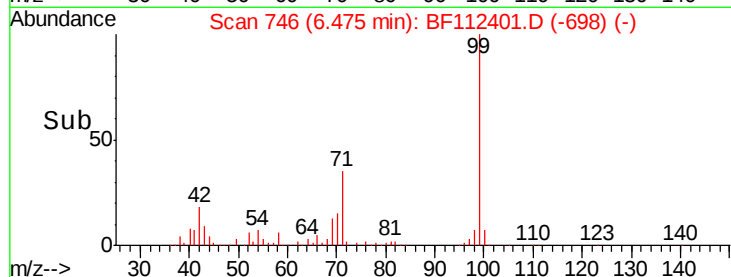
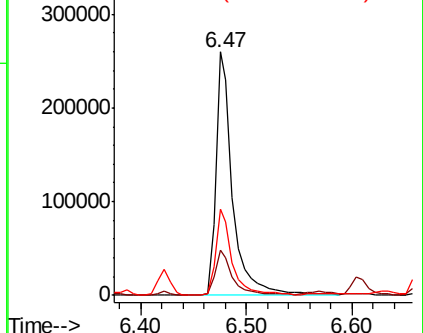
71 35.6 26.9 40.3



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



#18

Hexachloroethane

Concen: 8.172 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.01 min

Lab File: BF112401.D

Acq: 5 Feb 2019 17:43

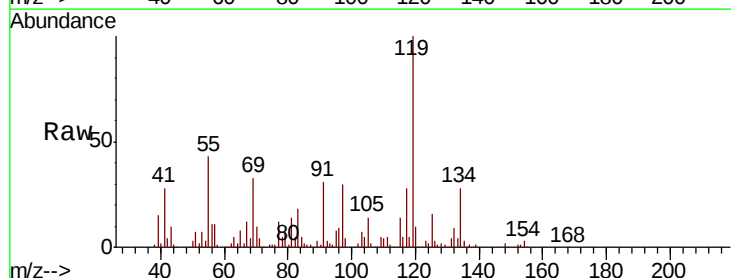
Tgt Ion: 117 Resp: 37988

Ion Ratio Lower Upper

117 100

119 351.8 77.0 115.4#

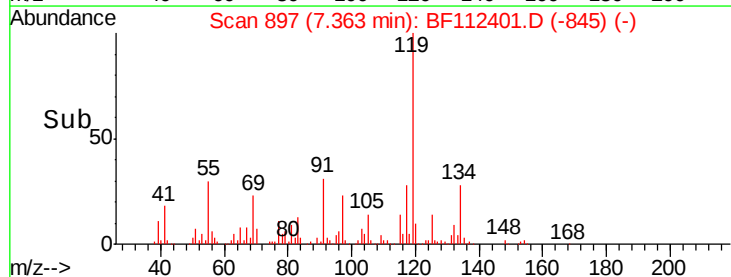
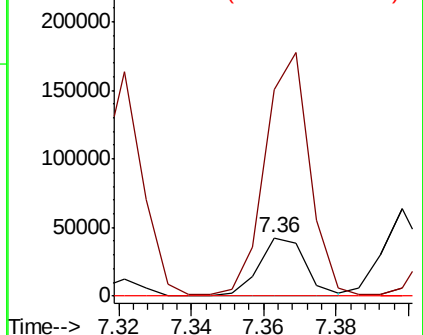
201 0.0 74.1 111.1#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112401.D

Acq: 5 Feb 2019 17:43

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-C

Tgt Ion:136 Resp: 605914

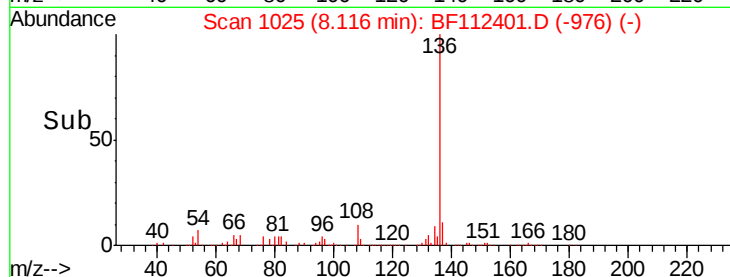
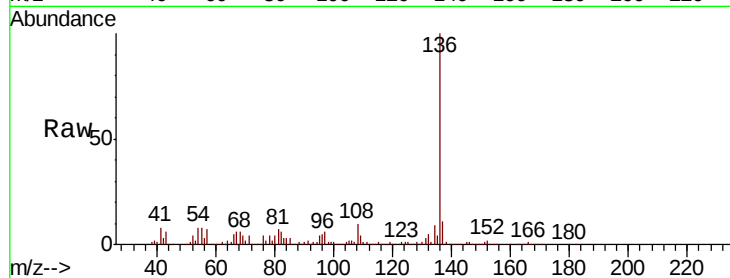
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.6 5.9 8.9

68 6.3 5.1 7.7

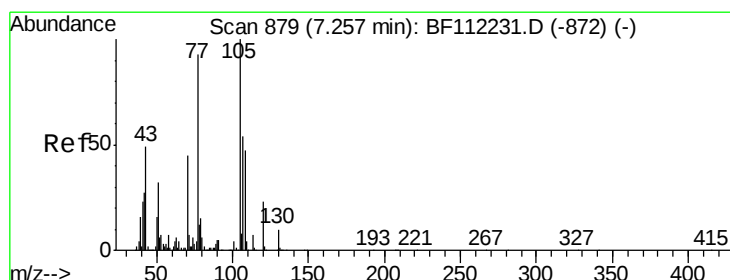
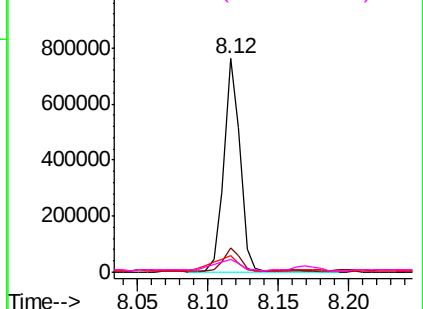


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 9.030 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.03 min

Lab File: BF112401.D

Acq: 5 Feb 2019 17:43

Tgt Ion:105 Resp: 133236

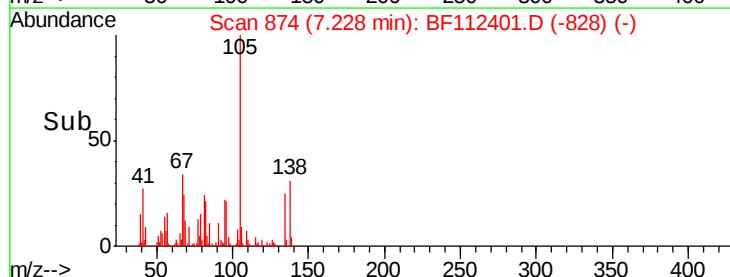
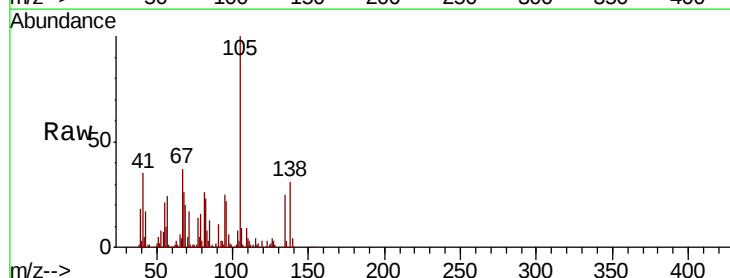
Ion Ratio Lower Upper

105 100

71 17.0 4.6 6.8#

51 5.2 25.0 37.6#

120 0.4 19.0 28.4#

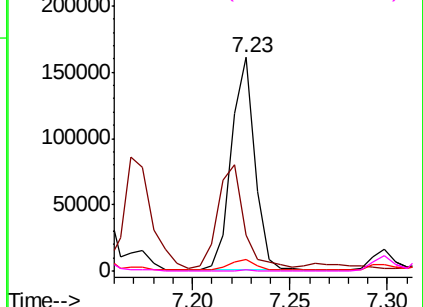


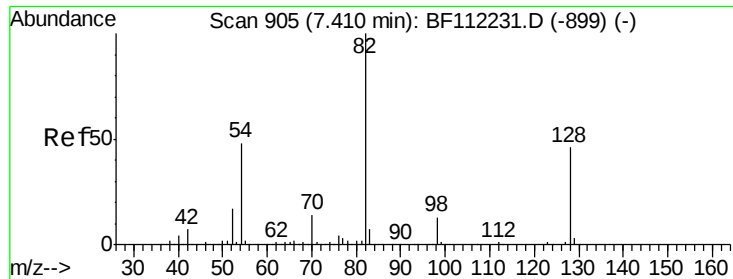
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

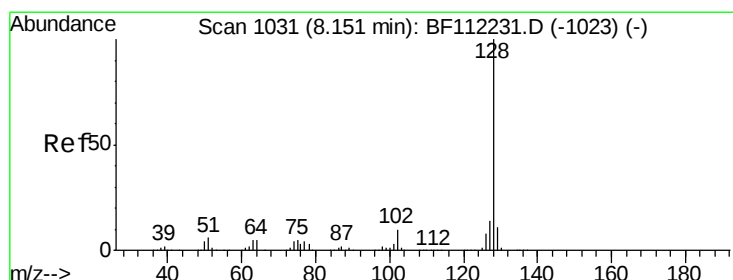
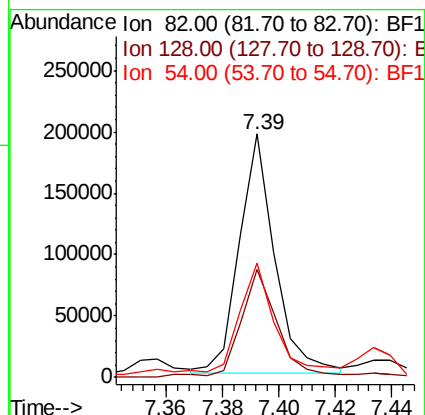
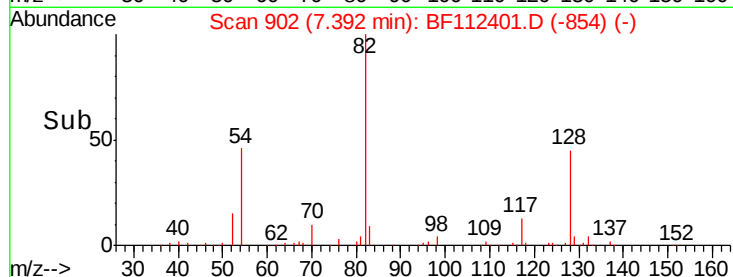
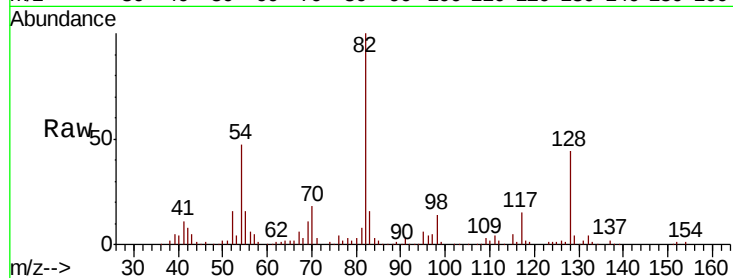




#23
Nitrobenzene-d5
Concen: 16.264 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

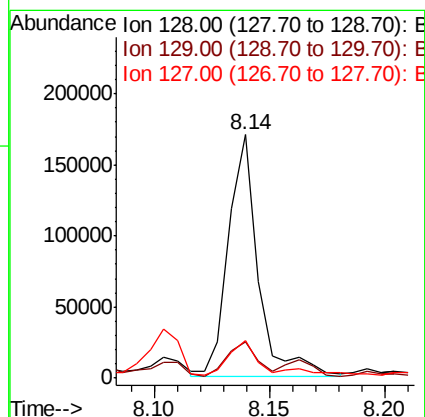
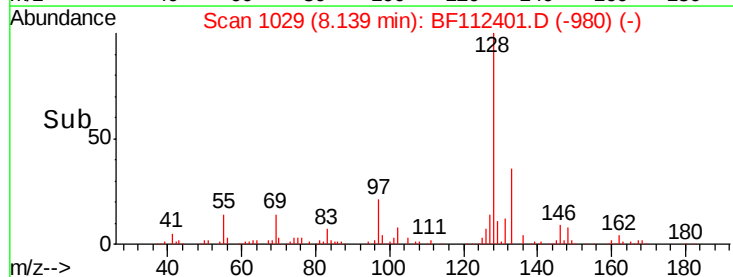
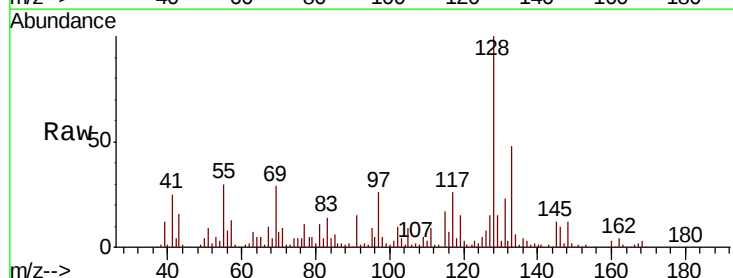
Instrument :
BNA_F
ClientSampleId :
HR-05-020419-C

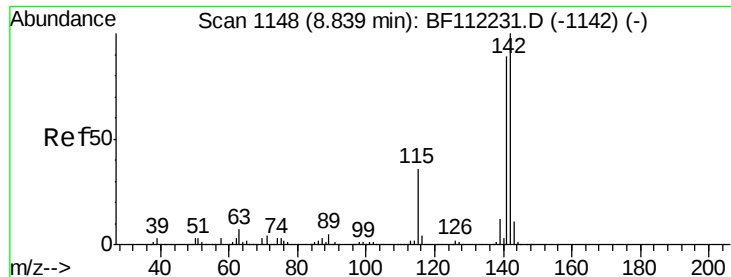
Tgt Ion: 82 Resp: 171024
Ion Ratio Lower Upper
82 100
128 44.4 37.8 56.8
54 46.8 39.7 59.5



#31
Naphthalene
Concen: 5.420 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Tgt Ion: 128 Resp: 153564
Ion Ratio Lower Upper
128 100
129 15.1 9.6 14.4#
127 15.5 11.1 16.7

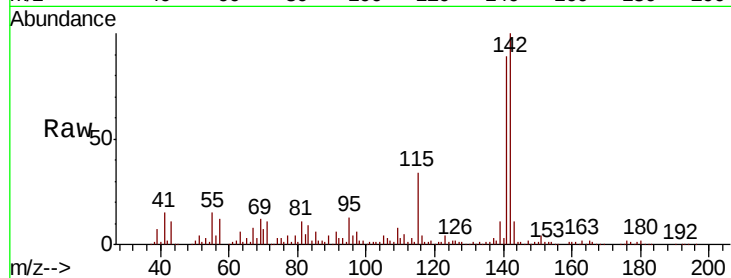




#37
2-Methylnaphthalene
Concen: 13.824 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-C

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.9	106.3
115	33.6	24.9	37.3

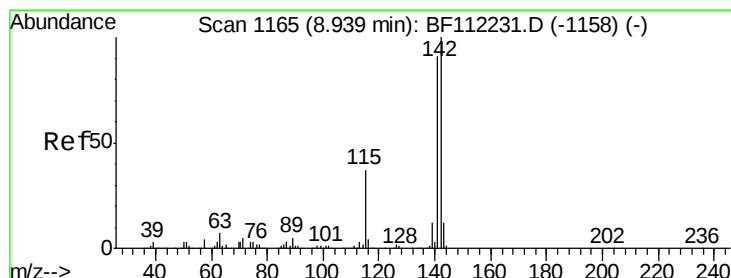
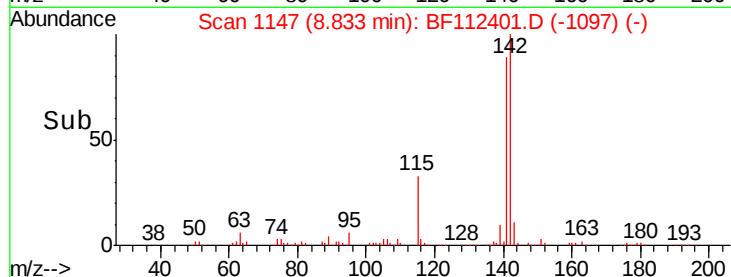
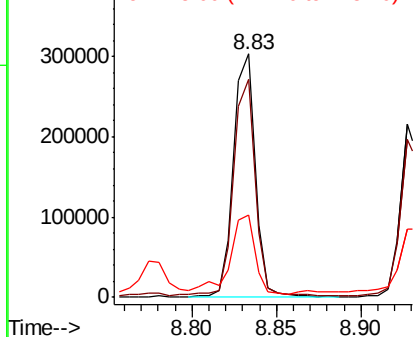


Abundance

Ion 142.00 (141.70 to 142.70): E

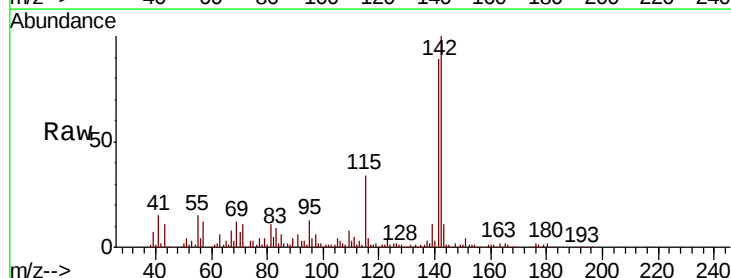
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 14.423 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.11 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8
116	3.6	2.8	4.2

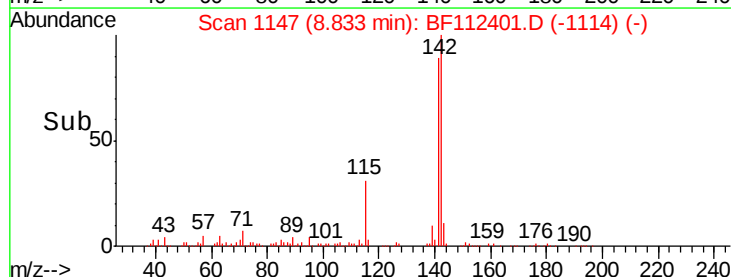
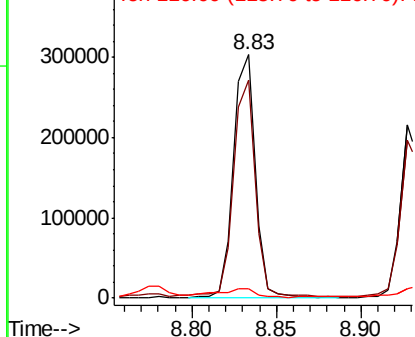


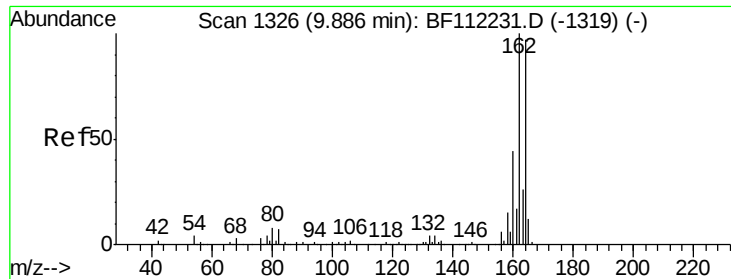
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

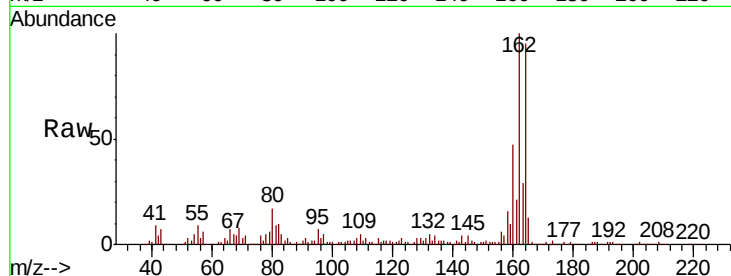




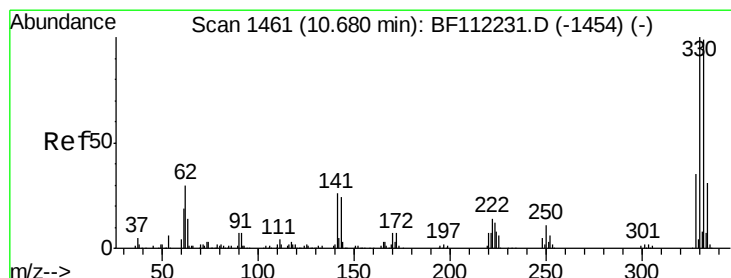
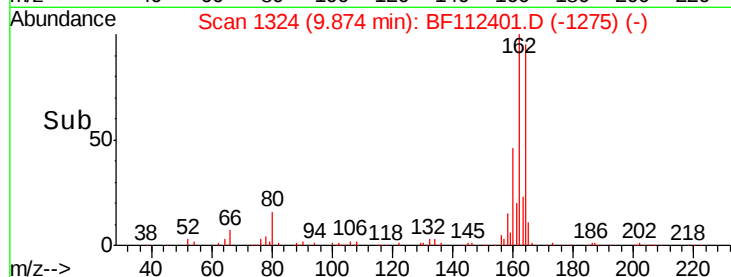
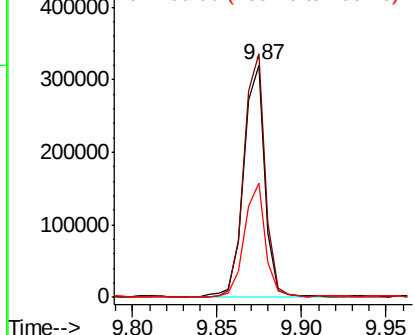
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-C

Tgt Ion:164 Resp: 279837
Ion Ratio Lower Upper
164 100
162 104.9 82.2 123.4
160 49.2 36.2 54.4

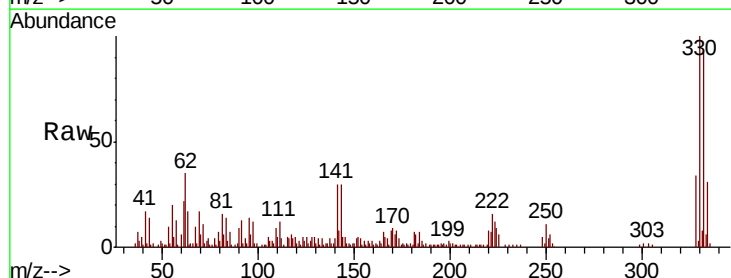


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

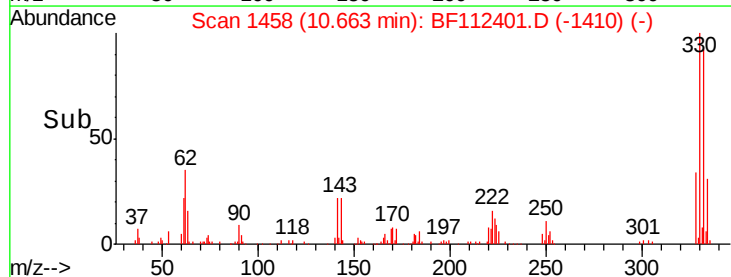
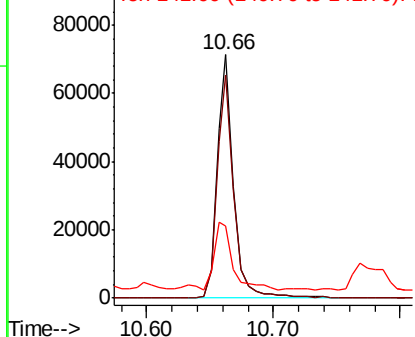


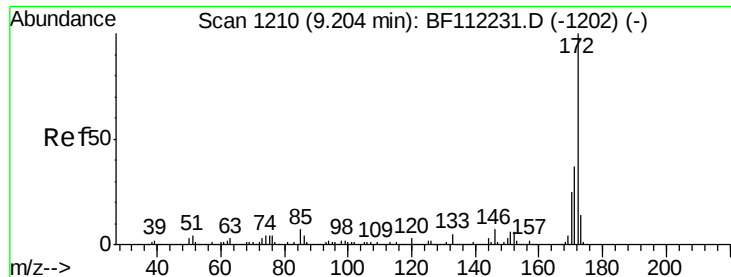
#42
2,4,6-Tribromophenol
Concen: 19.828 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Tgt Ion:330 Resp: 64585
Ion Ratio Lower Upper
330 100
332 93.5 76.6 114.8
141 32.1 24.3 36.5



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

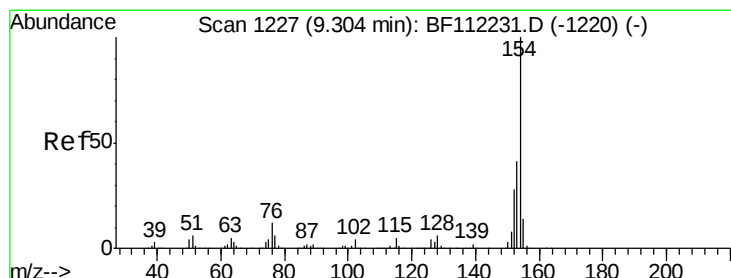
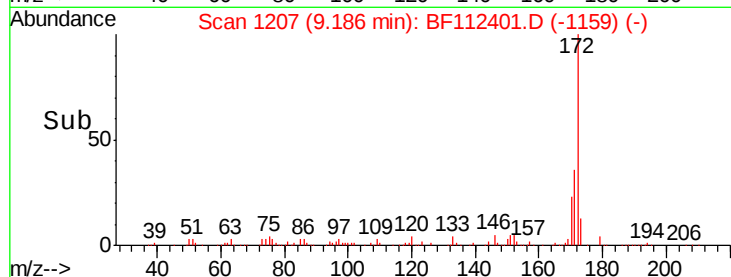
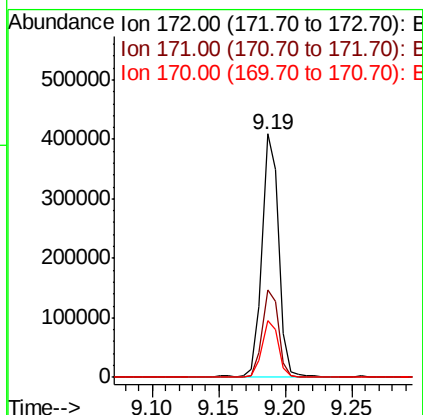
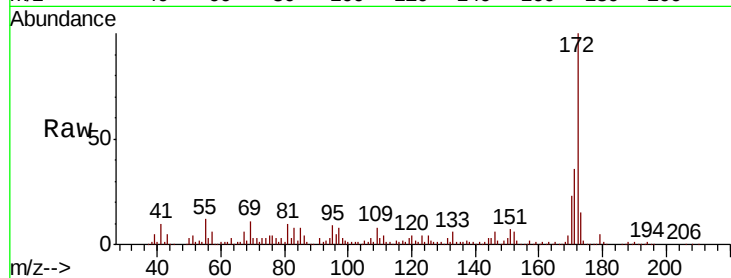




#45
2-Fluorobiphenyl
Concen: 17.834 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

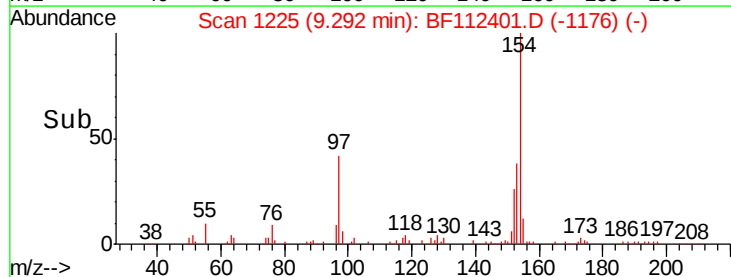
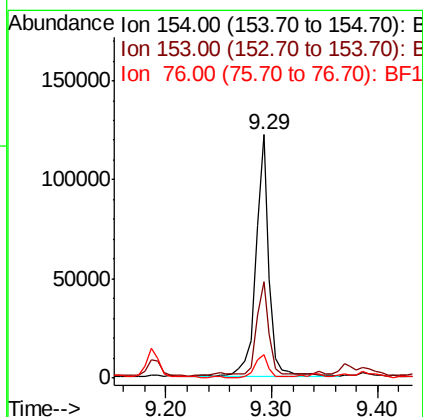
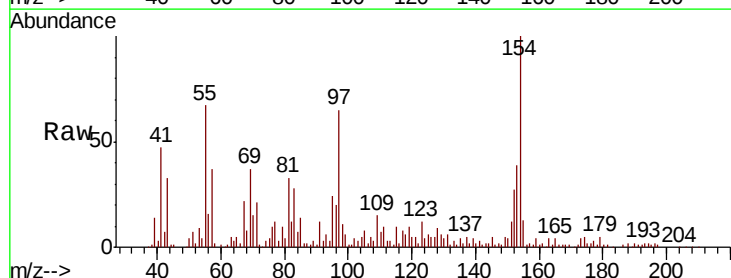
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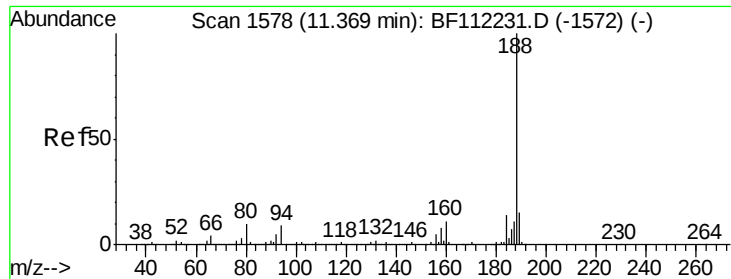
Tgt Ion:172 Resp: 352859
Ion Ratio Lower Upper
172 100
171 35.7 30.5 45.7
170 23.4 20.2 30.4



#46
1,1'-Biphenyl
Concen: 4.408 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Tgt Ion:154 Resp: 107844
Ion Ratio Lower Upper
154 100
153 39.4 21.5 61.5
76 9.8 0.0 33.1

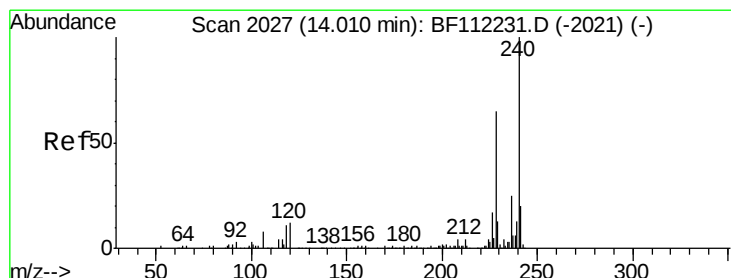
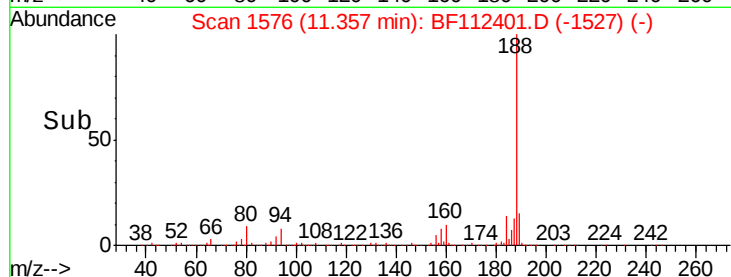
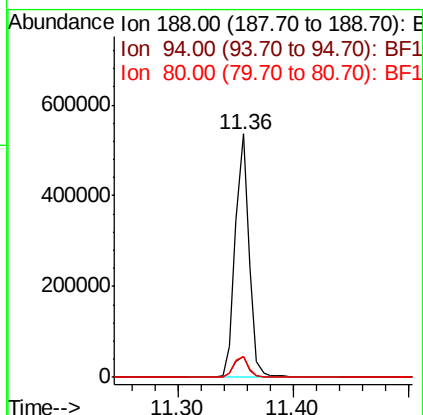
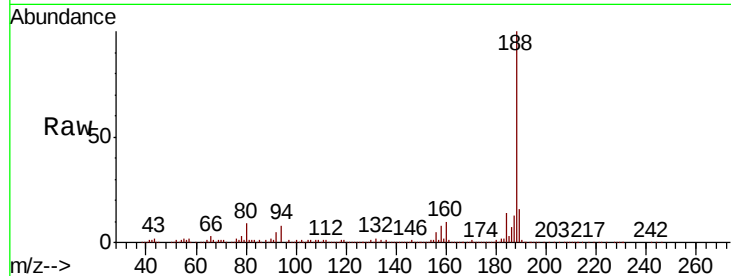




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

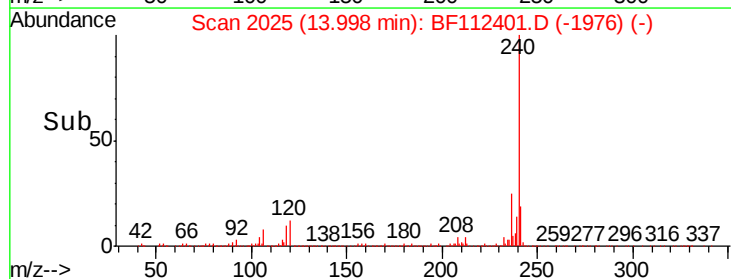
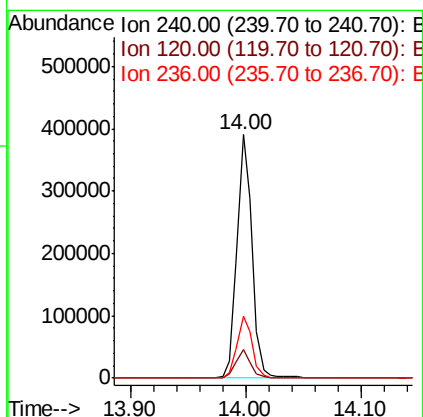
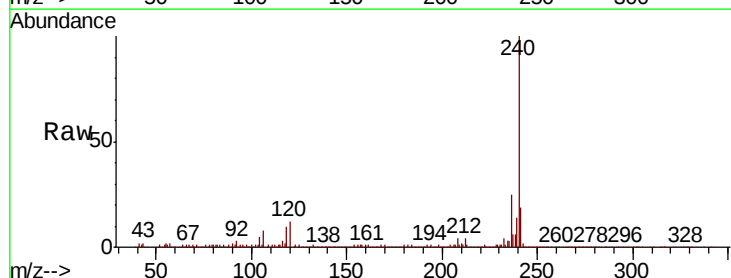
Instrument :
BNA_F
ClientSampleId :
HR-05-020419-C

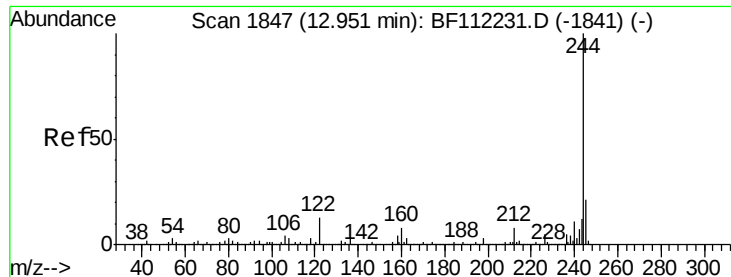
Tgt Ion:188 Resp: 446076
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 8.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112401.D
Acq: 5 Feb 2019 17:43

Tgt Ion:240 Resp: 353409
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 14.794 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF112401.D

Acq: 5 Feb 2019 17:43

Instrument :

BNA_F

ClientSampleId :

HR-05-020419-C

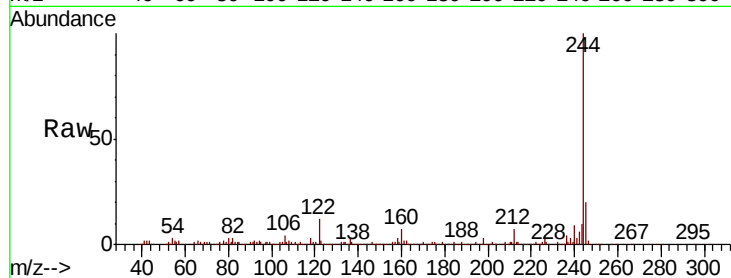
Tgt Ion:244 Resp: 277594

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

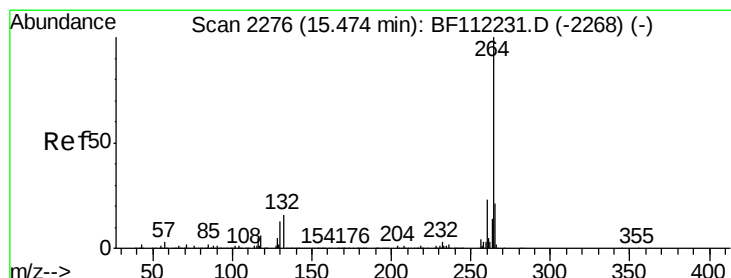
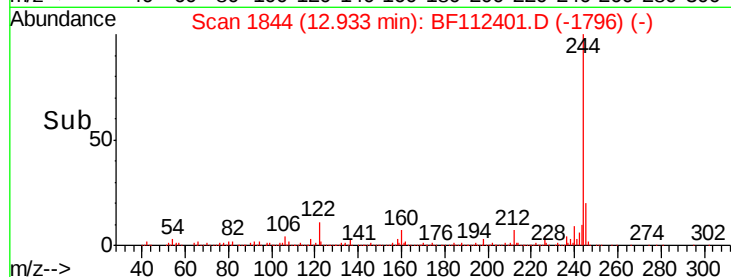
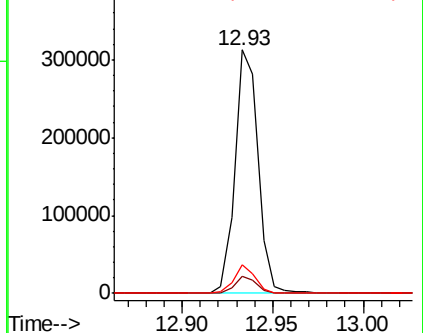
122 11.7 9.8 14.6



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112401.D

Acq: 5 Feb 2019 17:43

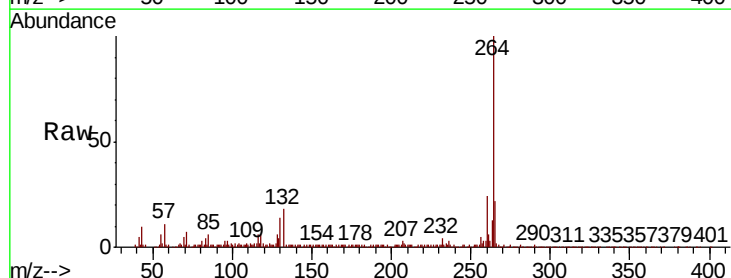
Tgt Ion:264 Resp: 273779

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 22.4 17.0 25.4



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

