

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116210.D
 Acq On : 13 Aug 2019 1:02
 Operator : HP/JU
 Sample : K4085-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-B

Quant Time: Aug 13 02:03:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

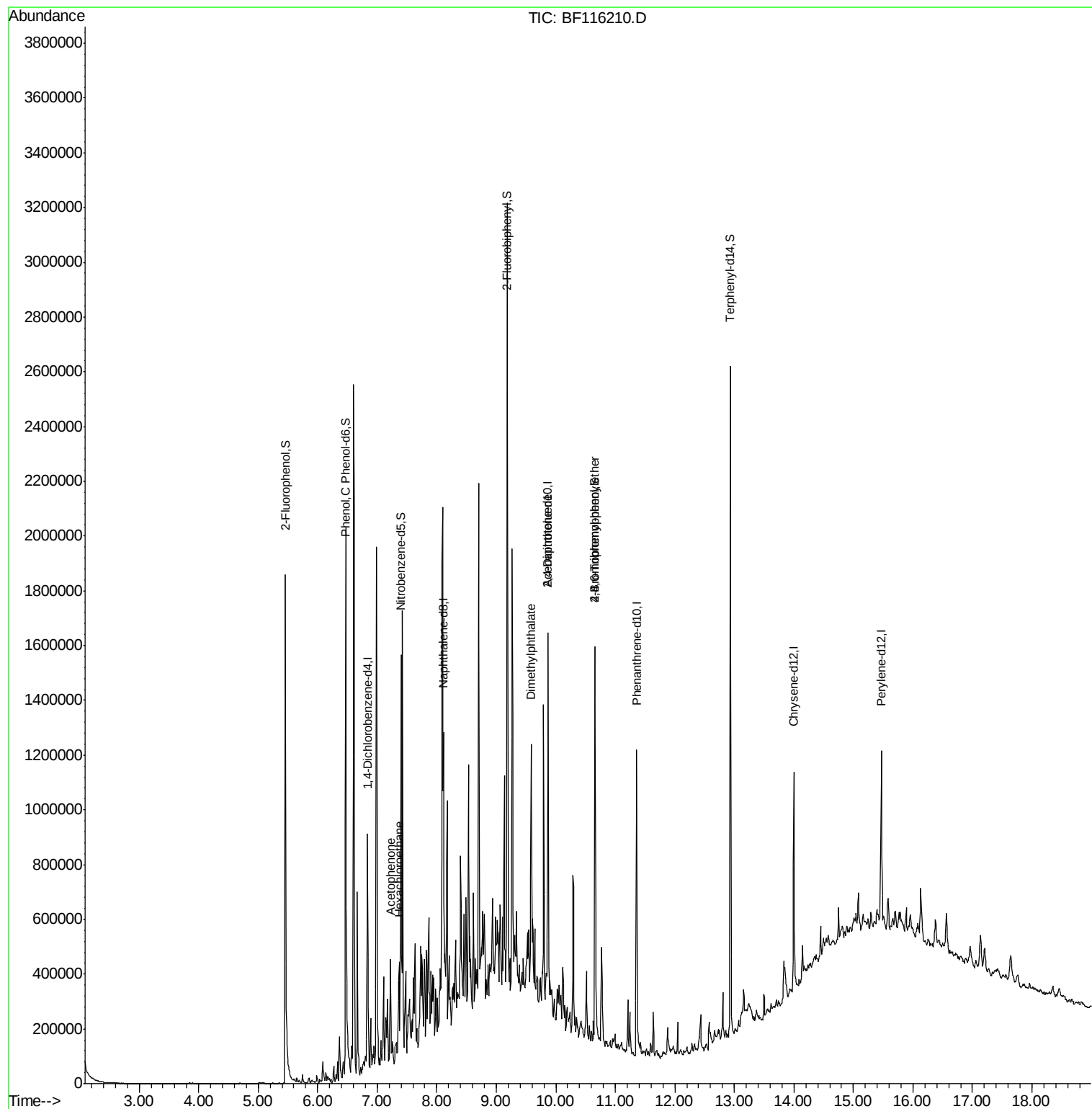
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	123781	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	481272	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	261062	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	417389	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	282093	20.00	ng	-0.01
87) Perylene-d12	15.47	264	316734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	659244	89.16	ng	-0.01
7) Phenol-d6	6.47	99	865515	92.78	ng	-0.02
23) Nitrobenzene-d5	7.40	82	509927	61.16	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	211292	83.48	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	898646	64.48	ng	-0.02
79) Terphenyl-d14	12.93	244	819859	61.24	ng	-0.02
Target Compounds						
10) Phenol	6.48	94	26465	2.409	ng	# 69
18) Hexachloroethane	7.36	117	8928	2.563	ng	# 1
22) Acetophenone	7.23	105	30839	2.922	ng	# 55
50) Dimethylphthalate	9.59	163	102412	5.761	ng	# 98
57) 2,4-Dinitrotoluene	9.87	165	36876	7.170	ng	# 21
67) 4-Bromophenyl-phenylether	10.66	248	12478	2.793	ng	# 1

(#) = 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: BF116210.D

Acq: 13 Aug 2019 1:02

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-B

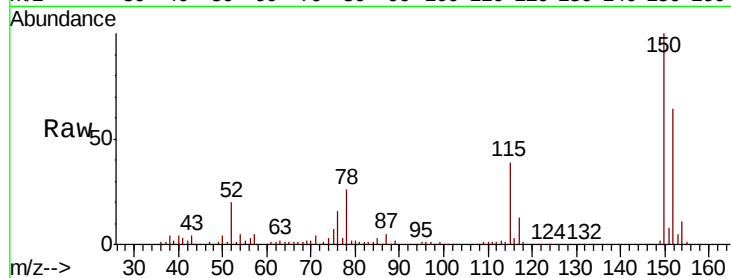
Tot Ion:152 Resp: 123781

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

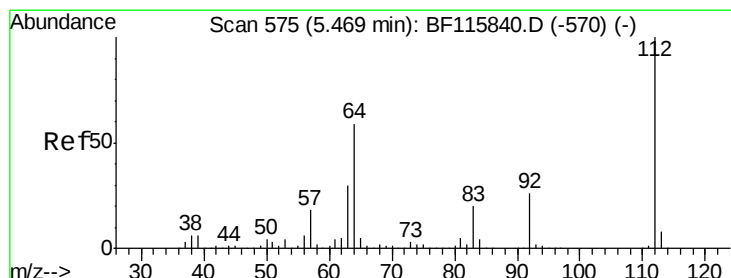
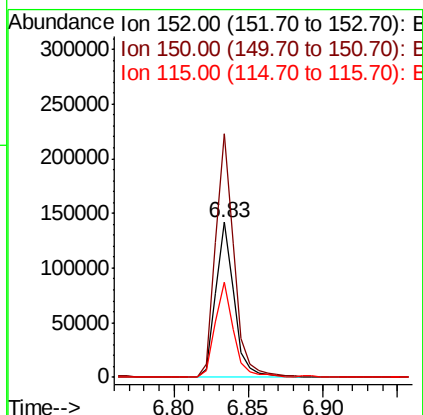
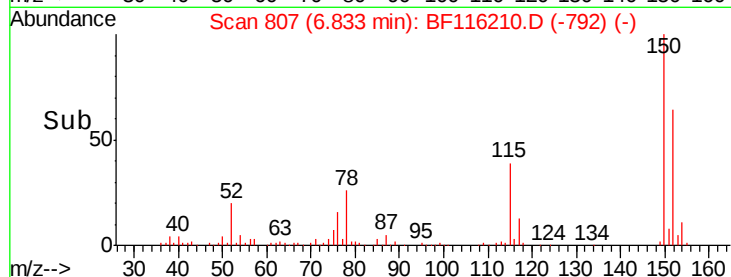
115 61.7 49.9 74.9



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: 89.159 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116210.D

Acq: 13 Aug 2019 1:02

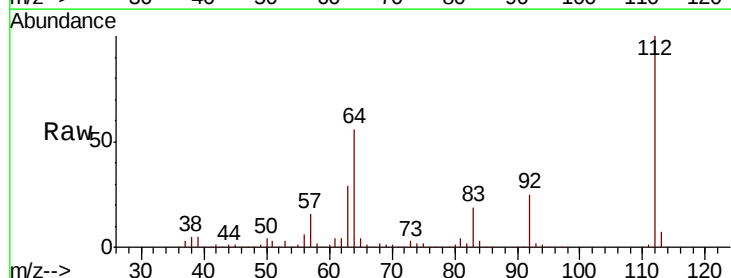
Tgt Ion:112 Resp: 659244

Ion Ratio Lower Upper

112 100

64 56.2 45.4 68.2

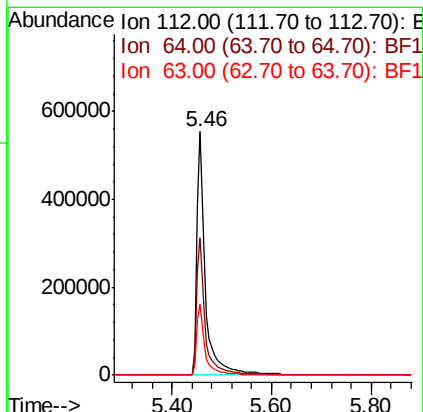
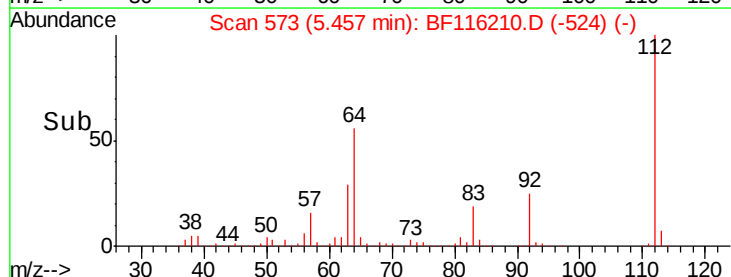
63 29.1 23.7 35.5



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: 92.778 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116210.D

Acq: 13 Aug 2019 1:02

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-B

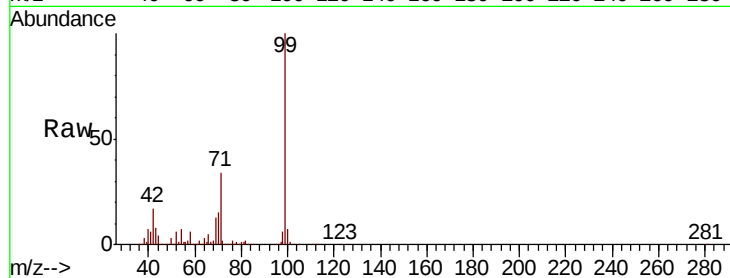
Tot Ion: 99 Resp: 865515

Ion Ratio Lower Upper

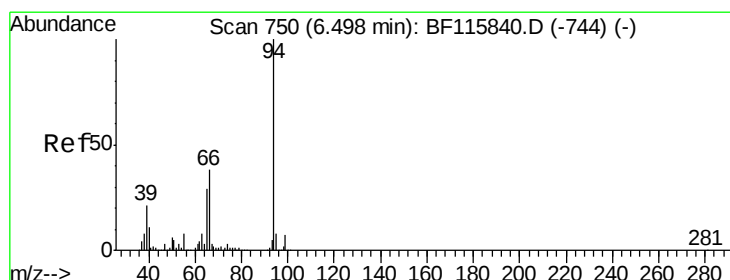
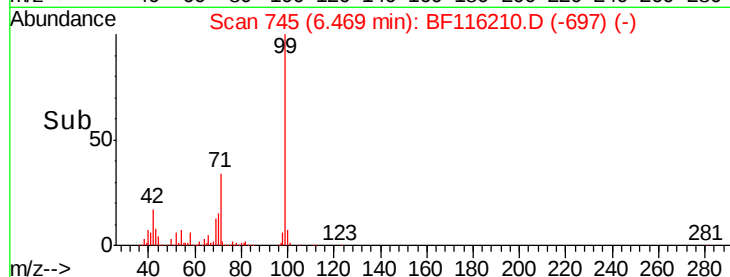
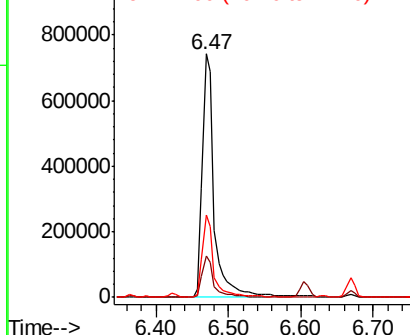
99 100

42 17.1 13.8 20.8

71 33.9 27.3 40.9



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



#10

Phenol

Concen: 2.409 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF116210.D

Acq: 13 Aug 2019 1:02

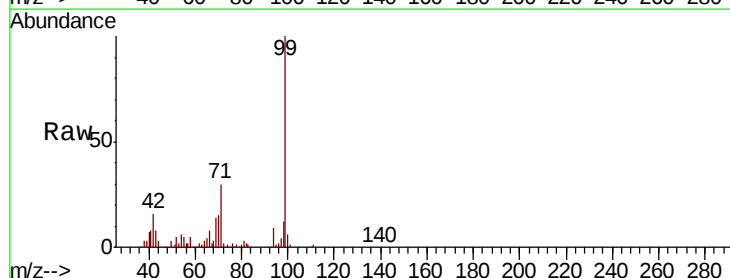
Tgt Ion: 94 Resp: 26465

Ion Ratio Lower Upper

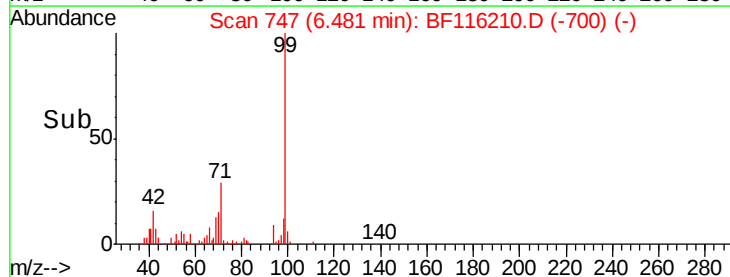
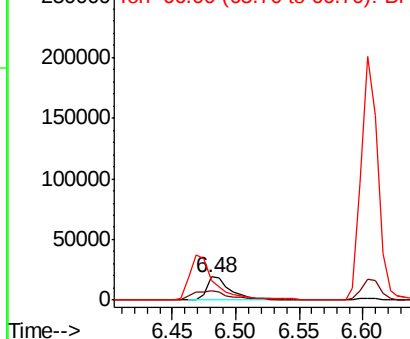
94 100

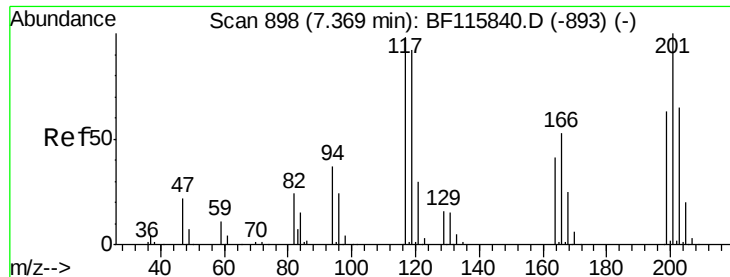
65 41.0 16.8 56.8

66 87.6 34.2 74.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

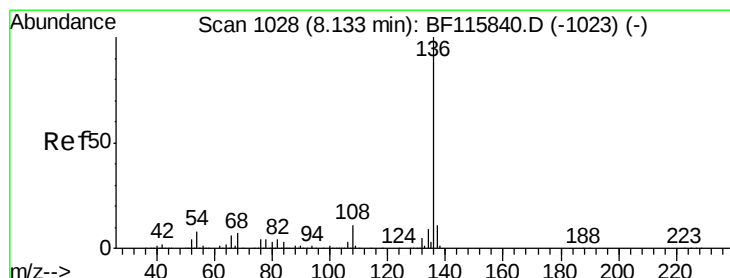
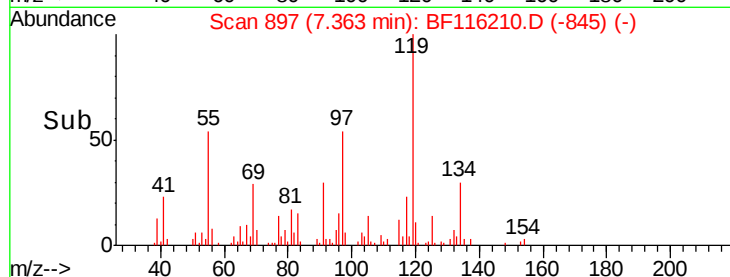
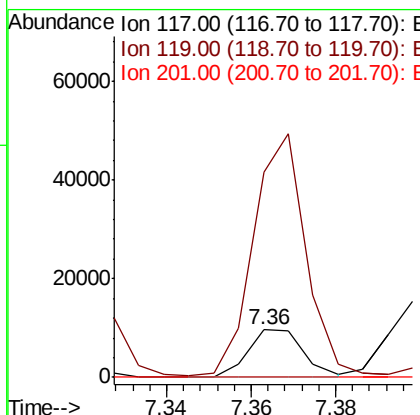
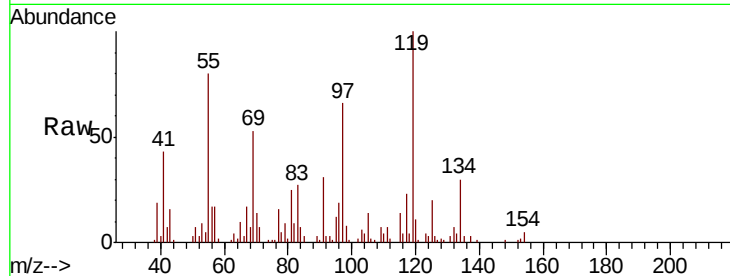




#18
Hexachloroethane
Concen: 2.563 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF116210.D
Acq: 13 Aug 2019 1:02

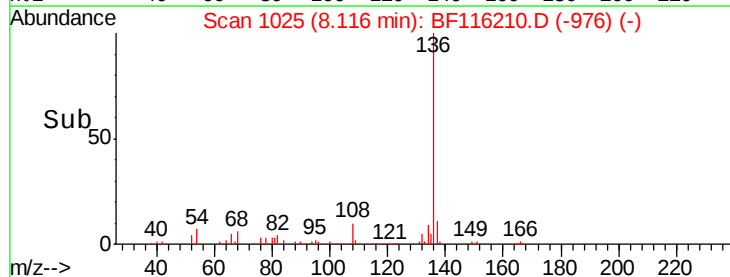
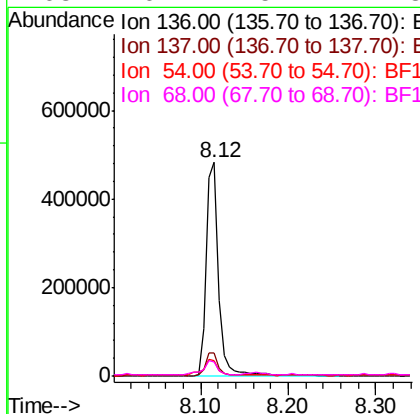
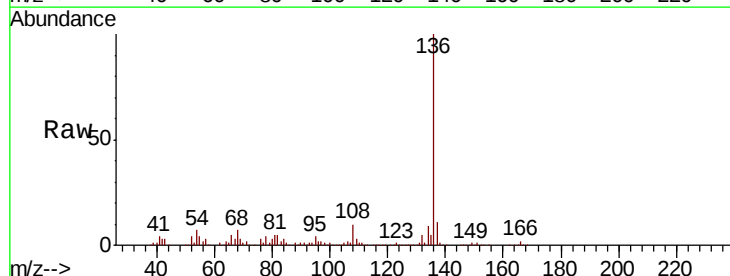
Instrument :
BNA_F
ClientSampleId :
HR-05-080919-B

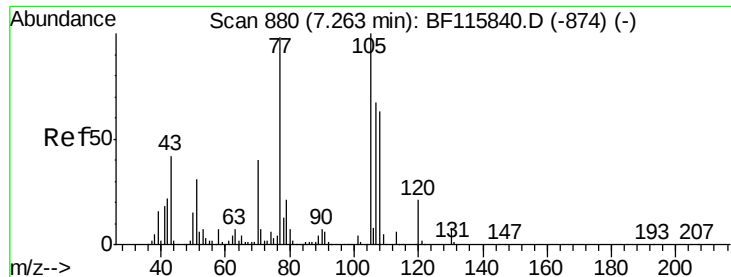
Tot Ion:117 Resp: 8928
Ion Ratio Lower Upper
117 100
119 431.6 76.1 114.1#
201 0.0 77.0 115.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116210.D
Acq: 13 Aug 2019 1:02

Tgt Ion:136 Resp: 481272
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.2 5.8 8.6
68 6.7 5.2 7.8





#22

Acetophenone

Concen: 2.922 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.04 min

Lab File: BF116210.D

Acq: 13 Aug 2019 1:02

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-B

Tot Ion:105 Resp: 30839

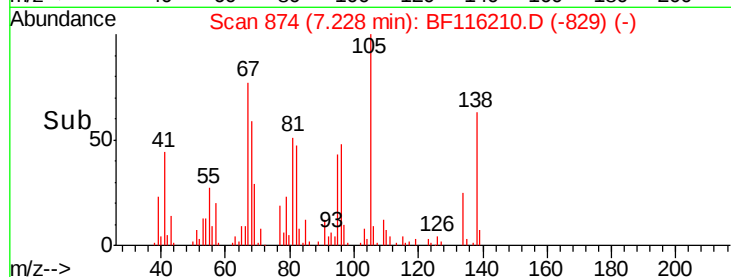
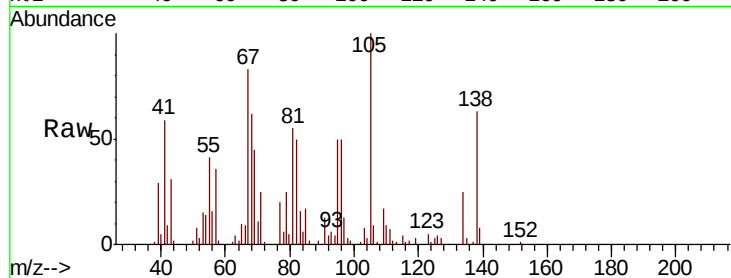
Ion Ratio Lower Upper

105 100

71 24.6 5.9 8.9#

51 7.5 25.3 37.9#

120 0.0 17.9 26.9#

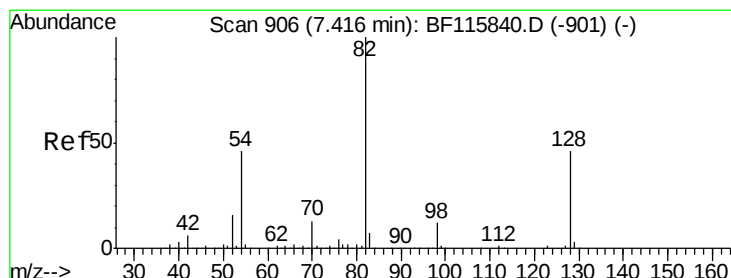
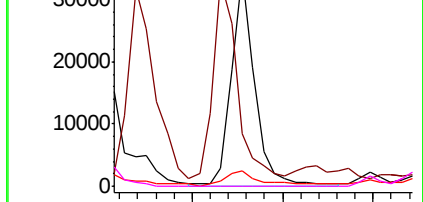


Abundance Ion 105.00 (104.70 to 105.70): E

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: 61.160 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116210.D

Acq: 13 Aug 2019 1:02

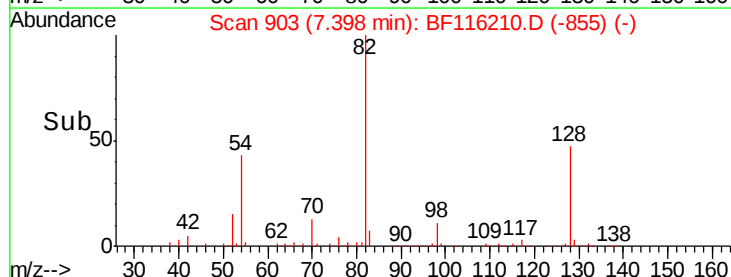
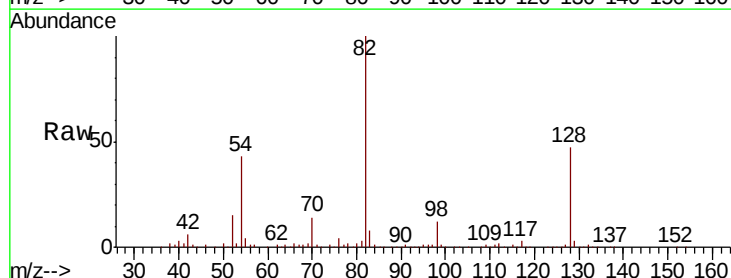
Tgt Ion: 82 Resp: 509927

Ion Ratio Lower Upper

82 100

128 46.6 36.5 54.7

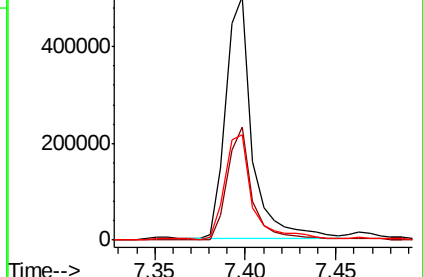
54 43.4 36.0 54.0

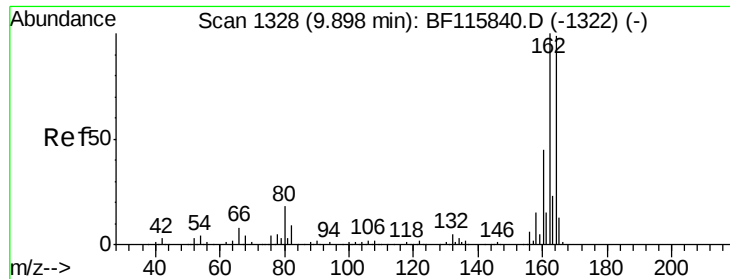


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

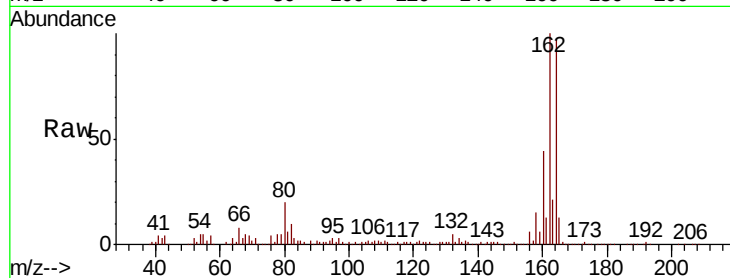




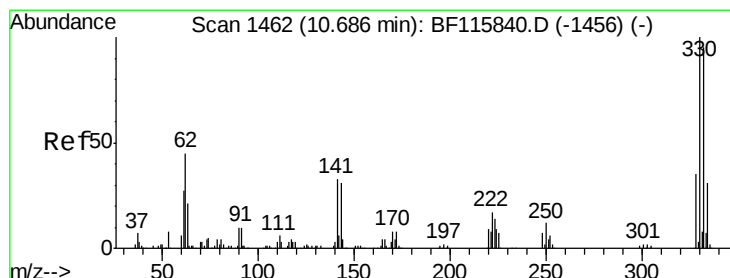
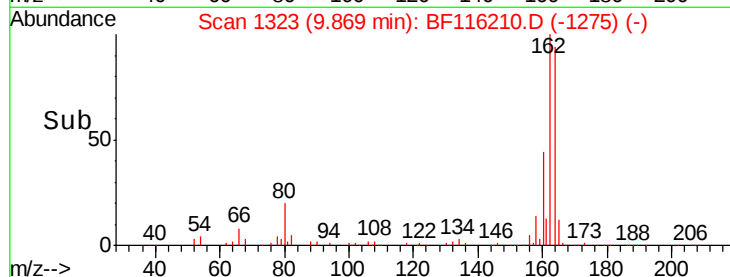
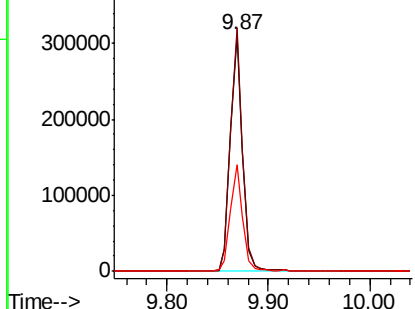
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116210.D
 Acq: 13 Aug 2019 1:02

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-B

Tot Ion:164 Resp: 261062
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 124.0
 160 45.1 37.6 56.4

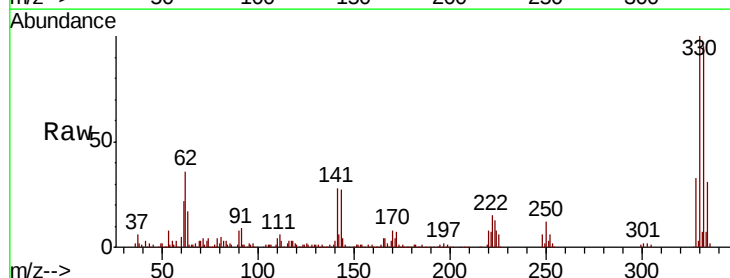


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

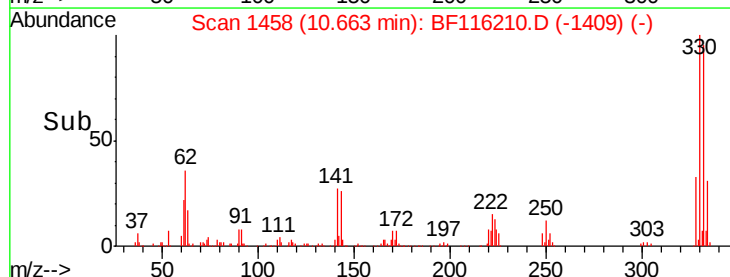
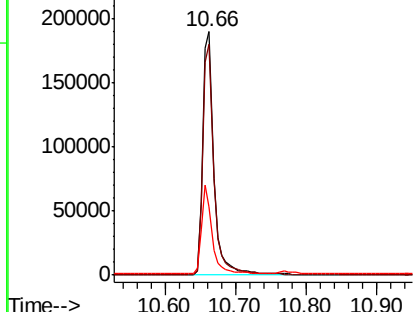


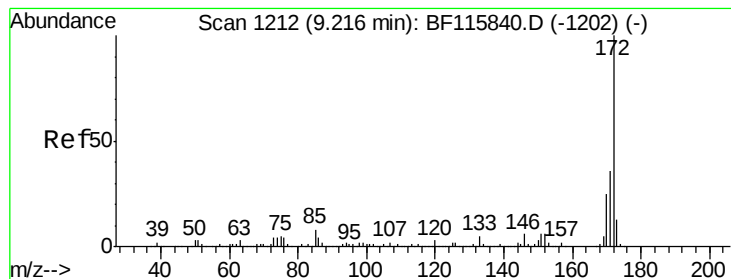
#42
 2,4,6-Tribromophenol
 Concen: 83.479 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116210.D
 Acq: 13 Aug 2019 1:02

Tgt Ion:330 Resp: 211292
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.8 115.2
 141 33.5 26.3 39.5



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: 64.476 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116210.D

Acq: 13 Aug 2019 1:02

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-B

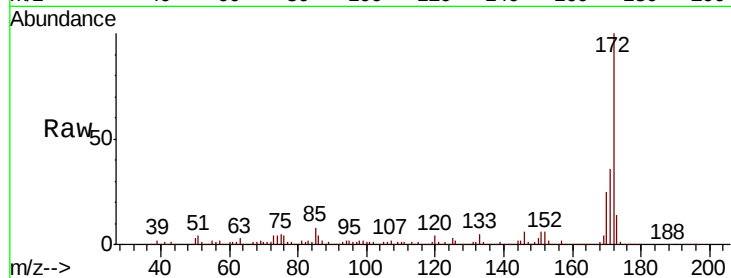
Tot Ion:172 Resp: 898646

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

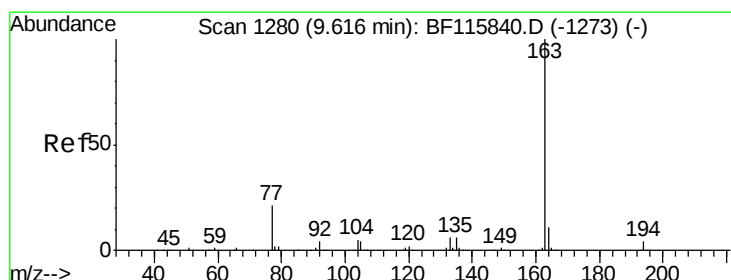
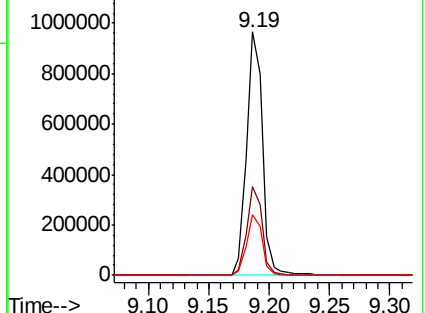
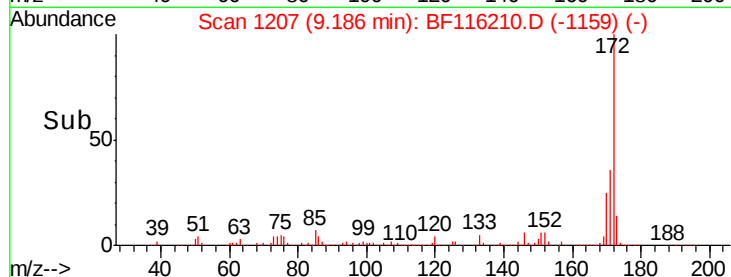
170 25.0 20.1 30.1



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



#50

Dimethylphthalate

Concen: 5.761 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116210.D

Acq: 13 Aug 2019 1:02

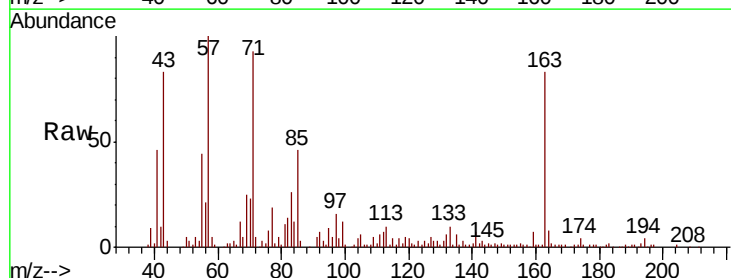
Tgt Ion:163 Resp: 102412

Ion Ratio Lower Upper

163 100

194 4.8 3.0 4.6#

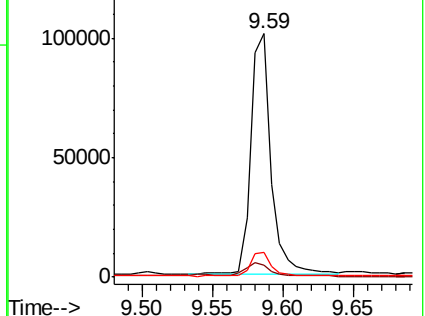
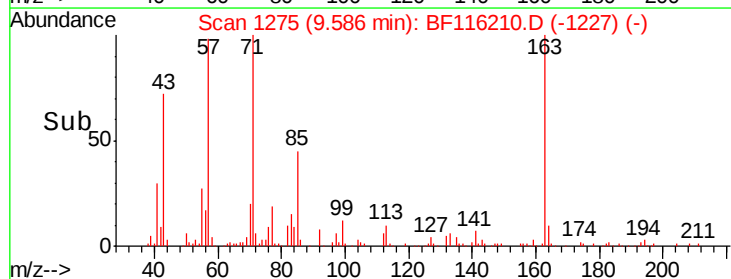
164 9.9 8.4 12.6

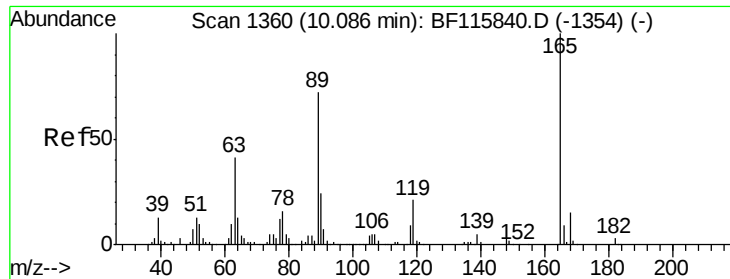


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

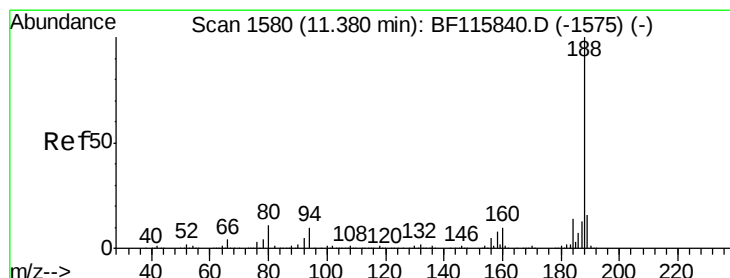
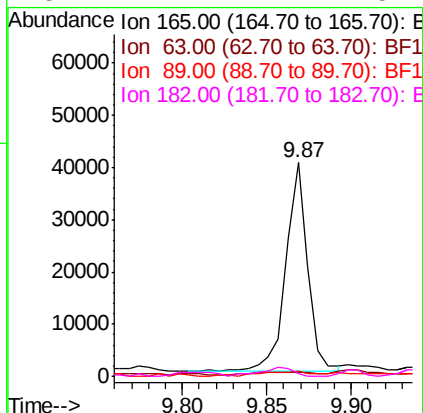
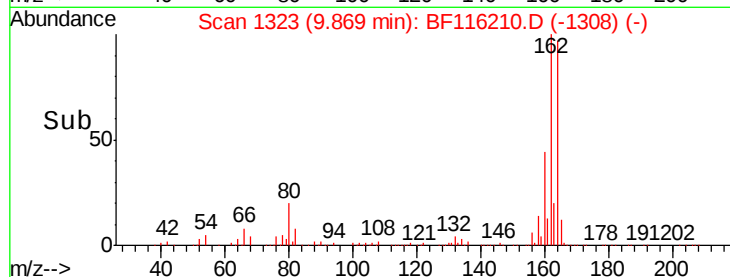
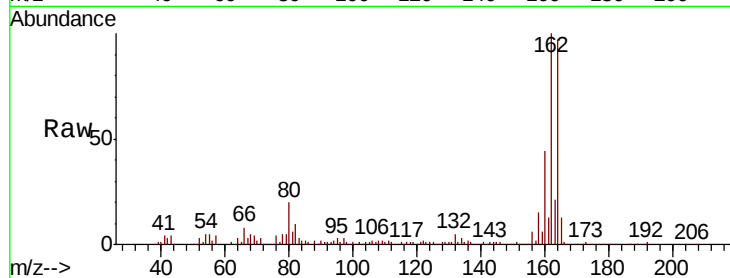




#57
 2,4-Dinitrotoluene
 Concen: 7.170 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116210.D
 Acq: 13 Aug 2019 1:02

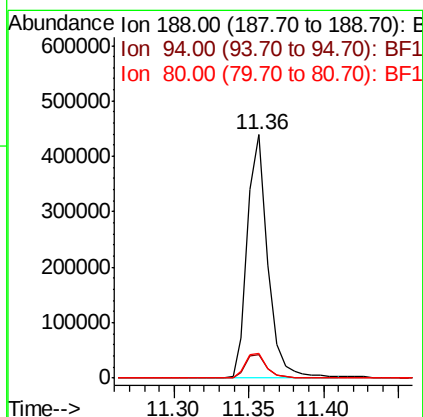
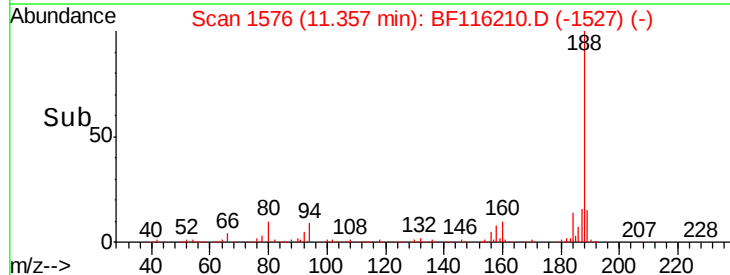
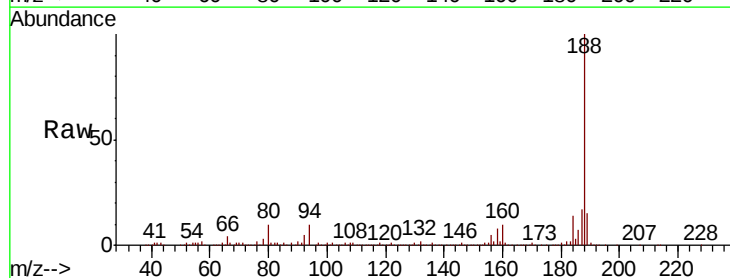
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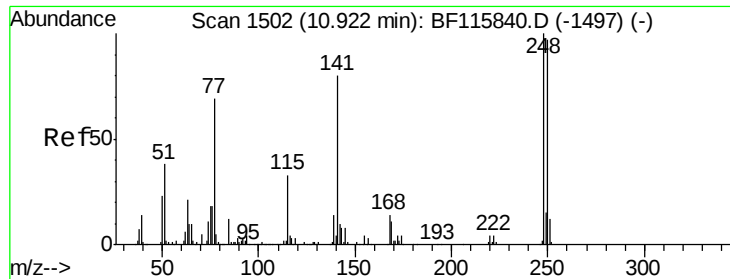
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	39.6	59.4#
89	2.3	62.2	93.2#
182	1.1	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116210.D
 Acq: 13 Aug 2019 1:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.4	8.7	13.1

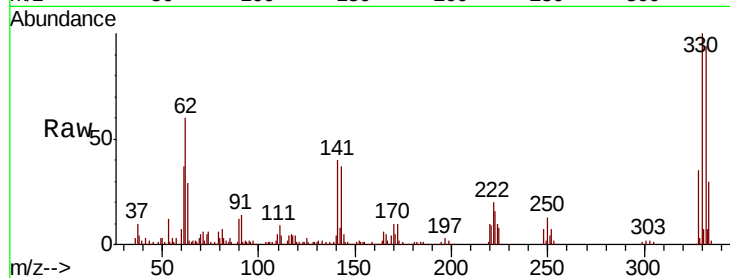




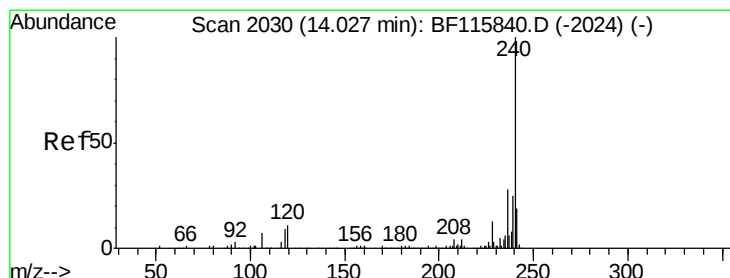
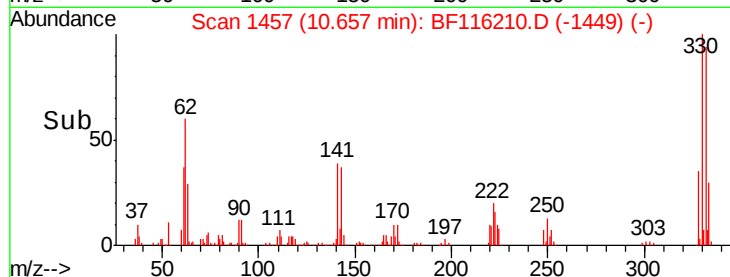
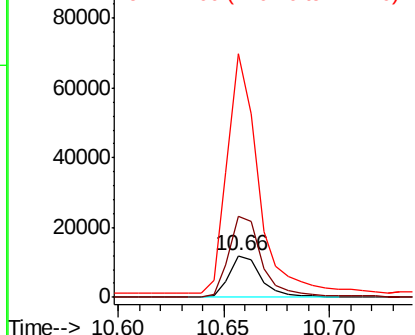
#67
 4-Bromophenyl-phenylether
 Concen: 2.793 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.25 min
 Lab File: BF116210.D
 Acq: 13 Aug 2019 1:02

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-B

Tot Ion:248 Resp: 12478
 Ion Ratio Lower Upper
 248 100
 250 193.9 77.4 116.2#
 141 585.5 56.8 85.2#

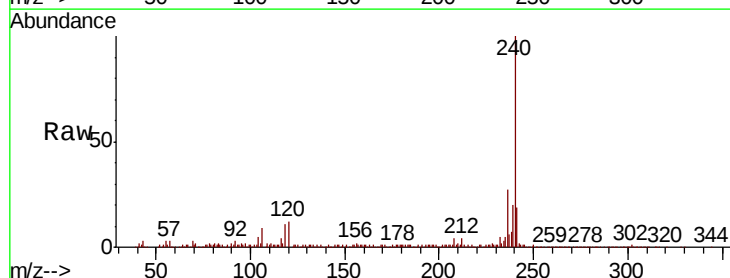


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

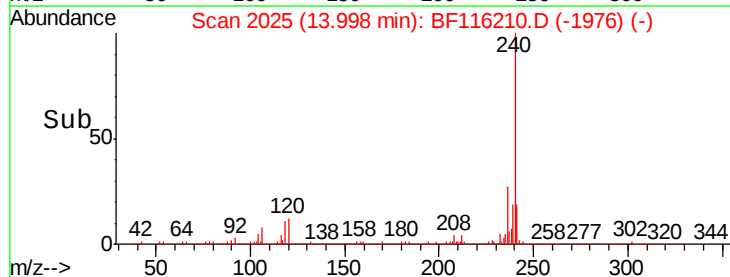
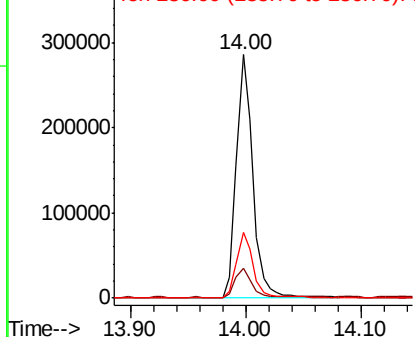


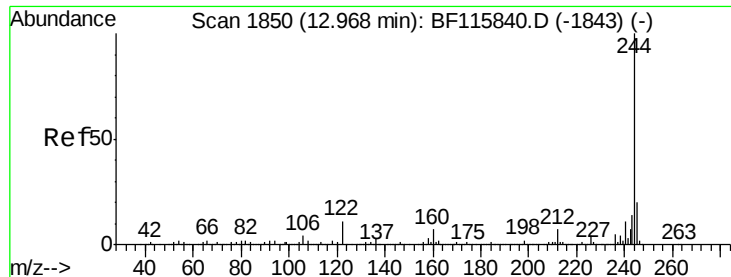
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116210.D
 Acq: 13 Aug 2019 1:02

Tgt Ion:240 Resp: 282093
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.7 16.1
 236 26.9 22.2 33.2



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: 61.241 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF116210.D

Acq: 13 Aug 2019 1:02

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-B

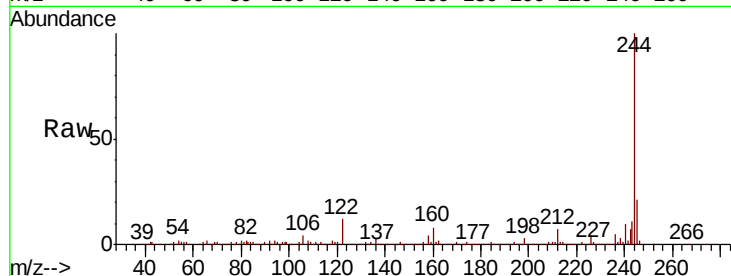
Tot Ion:244 Resp: 819859

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

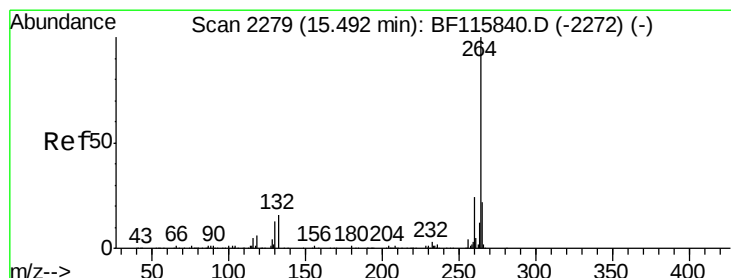
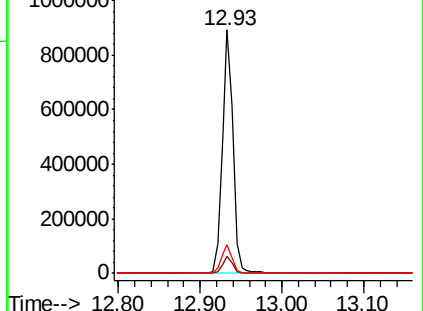
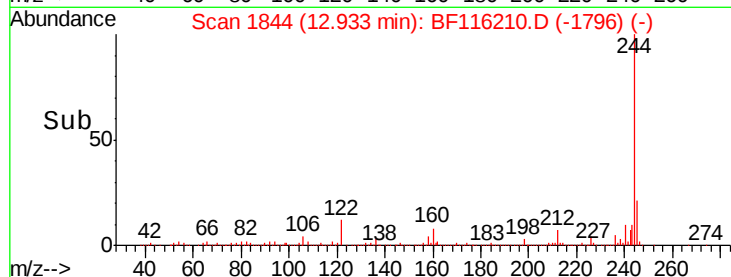
122 12.0 9.0 13.4



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: BF116210.D

Acq: 13 Aug 2019 1:02

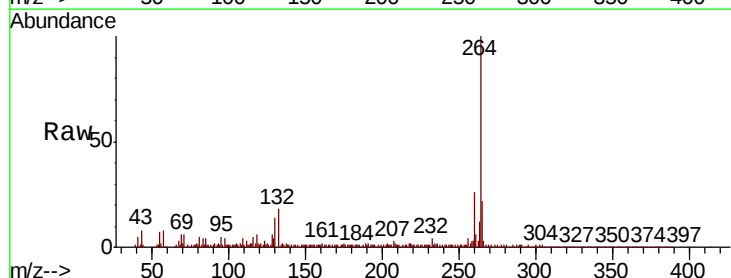
Tgt Ion:264 Resp: 316734

Ion Ratio Lower Upper

264 100

260 25.6 19.7 29.5

265 22.3 17.4 26.0



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

