

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116190.D
 Acq On : 12 Aug 2019 14:28
 Operator : HP/JU
 Sample : K3613-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-B

Quant Time: Aug 12 15:25:08 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	123066	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	470655	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	254743	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	474652	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	410028	20.00	ng	-0.01
87) Perylene-d12	15.47	264	378232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	875622	119.11	ng	0.00
7) Phenol-d6	6.47	99	1017061	109.66	ng	-0.01
23) Nitrobenzene-d5	7.40	82	787656	96.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	371964	150.60	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1367535	100.55	ng	-0.02
79) Terphenyl-d14	12.94	244	1671730	85.91	ng	0.00

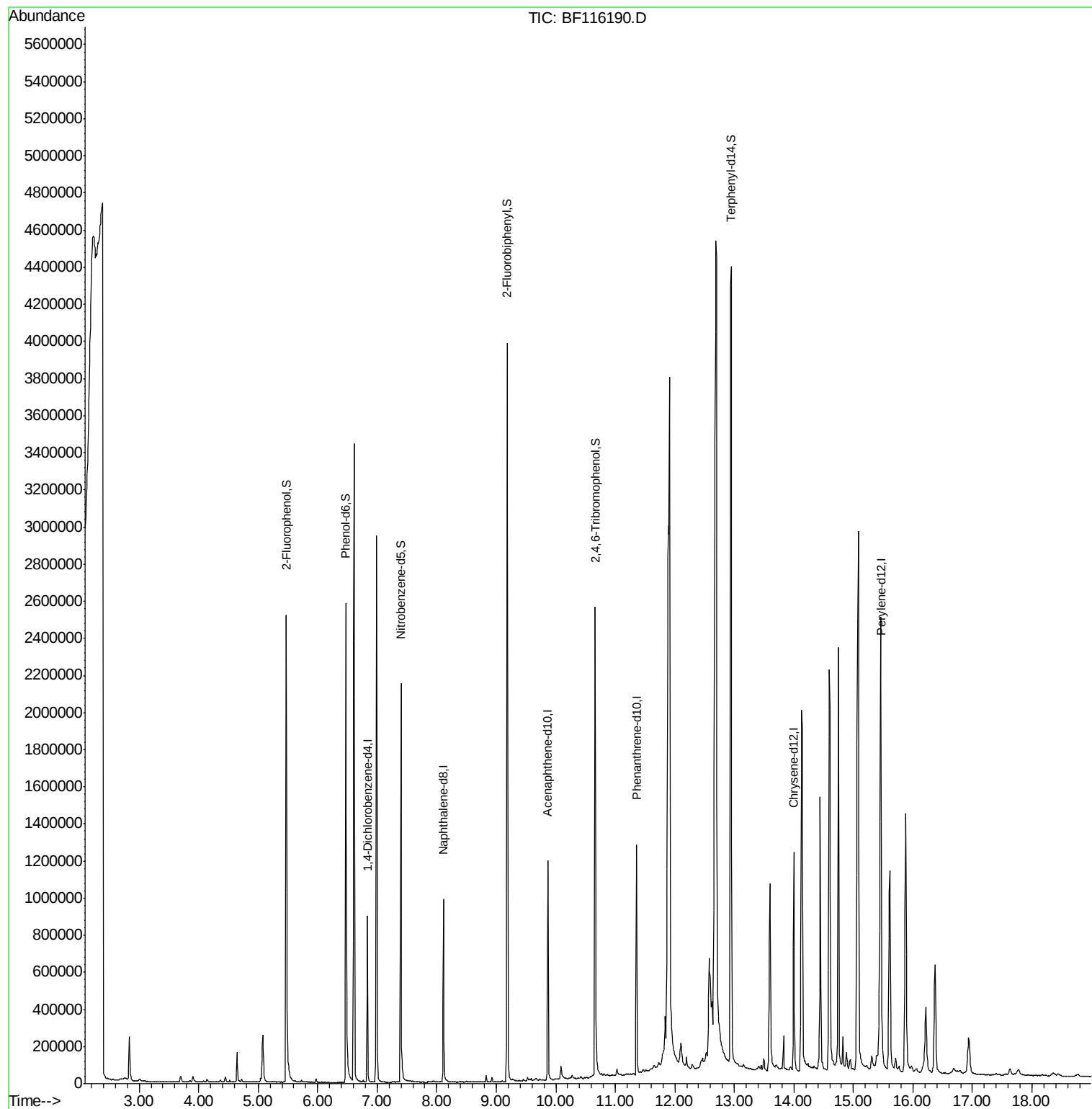
Target Compounds Qvalue

(#) = 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: BF116190.D

Acq: 12 Aug 2019 14:28

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-B

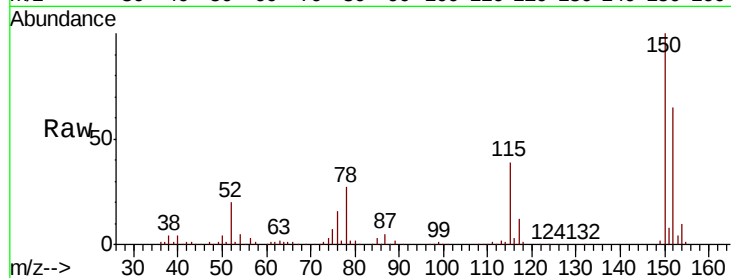
Tot Ion:152 Resp: 123066

Ion Ratio Lower Upper

152 100

150 154.1 126.2 189.2

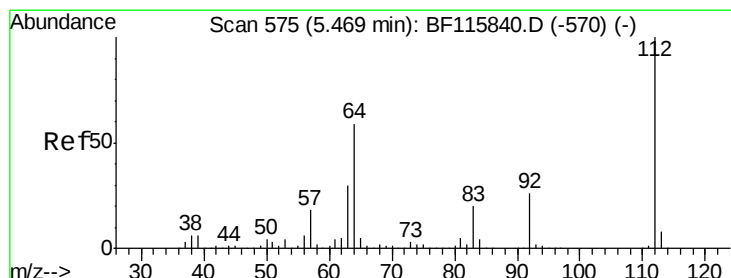
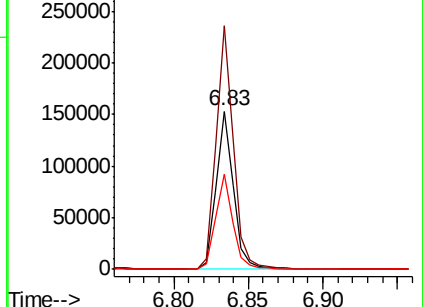
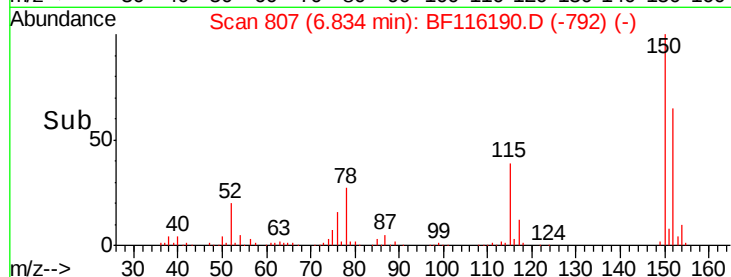
115 60.4 49.9 74.9



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: 119.110 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116190.D

Acq: 12 Aug 2019 14:28

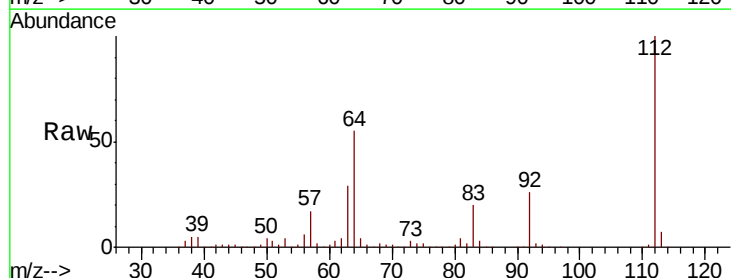
Tgt Ion:112 Resp: 875622

Ion Ratio Lower Upper

112 100

64 55.1 45.4 68.2

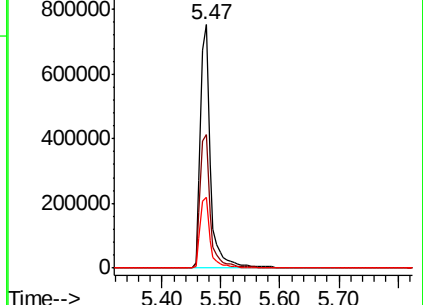
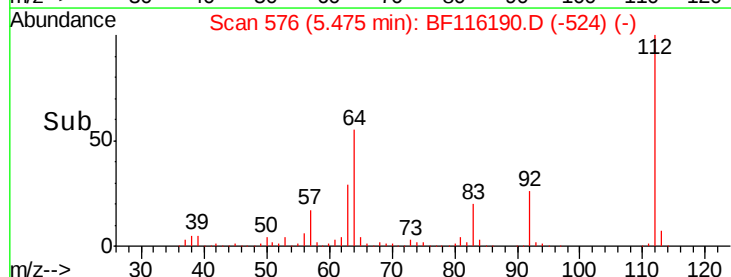
63 28.9 23.7 35.5



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: 109.656 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116190.D

Acq: 12 Aug 2019 14:28

Instrument :

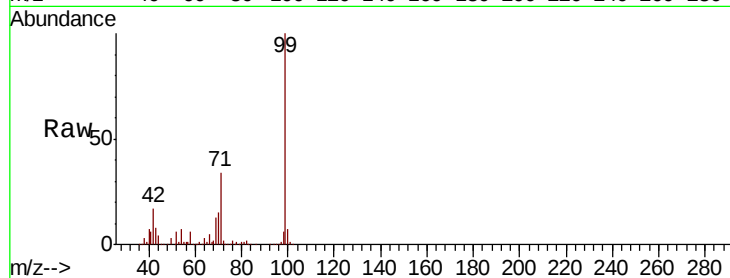
BNA_F

ClientSampleId :

AU-05-080719-B

Tot Ion: 99 Resp: 1017061

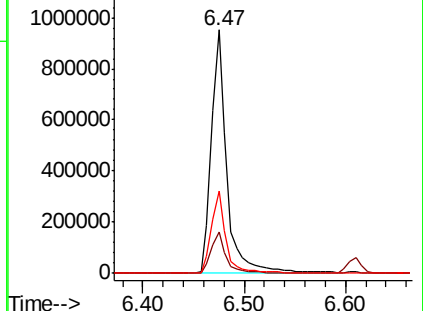
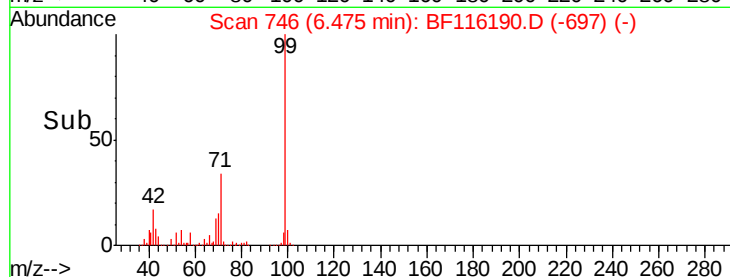
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	33.8	27.3	40.9



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

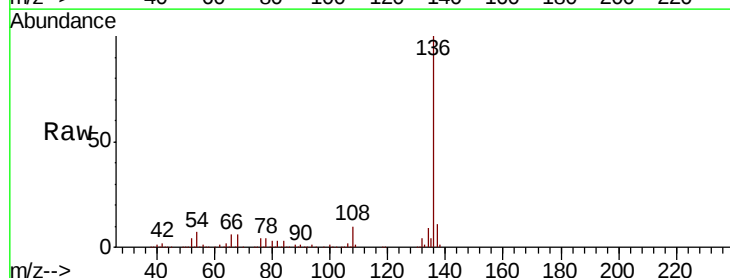
Delta R.T. -0.02 min

Lab File: BF116190.D

Acq: 12 Aug 2019 14:28

Tgt Ion: 136 Resp: 470655

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.2	5.8	8.6
68	6.4	5.2	7.8

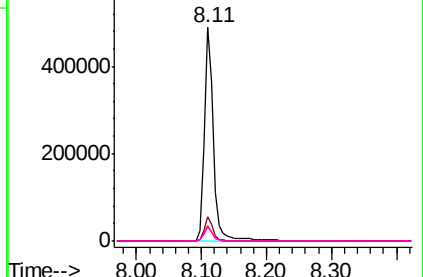
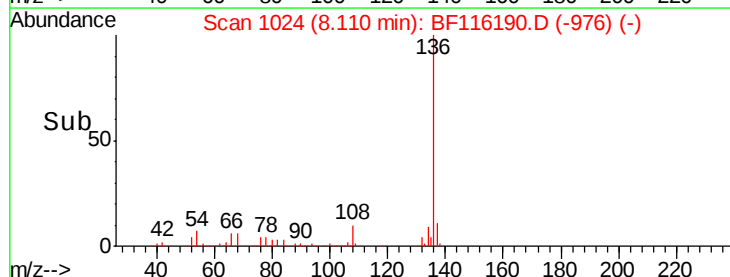


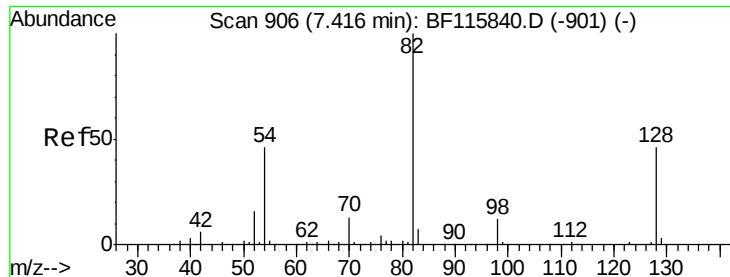
Abundance Ion 136.00 (135.70 to 136.70): E

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

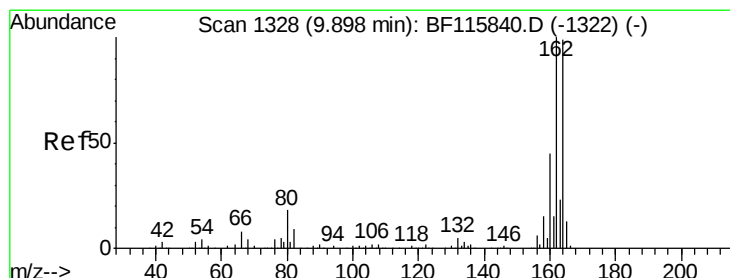
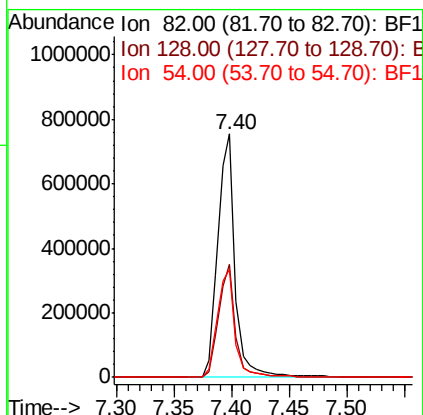
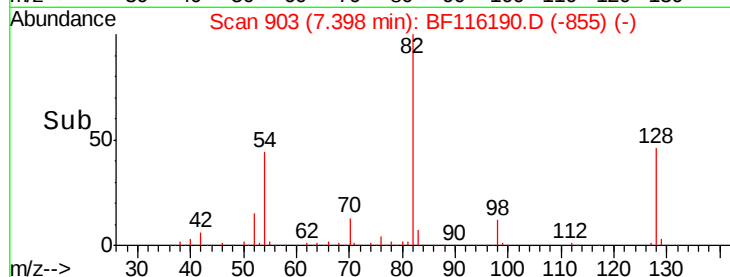
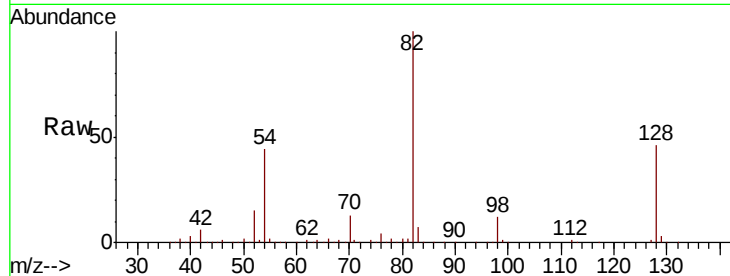




#23
 Nitrobenzene-d5
 Concen: 96.601 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116190.D
 Acq: 12 Aug 2019 14:28

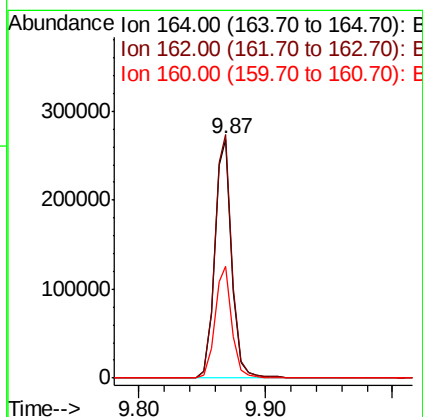
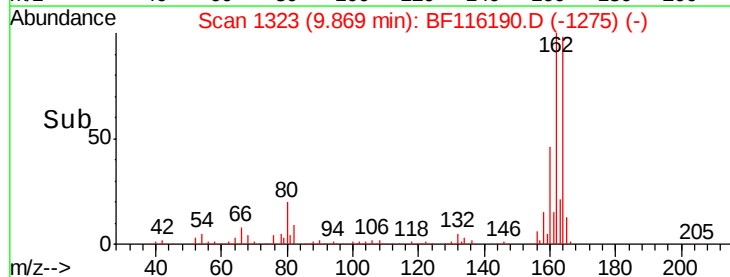
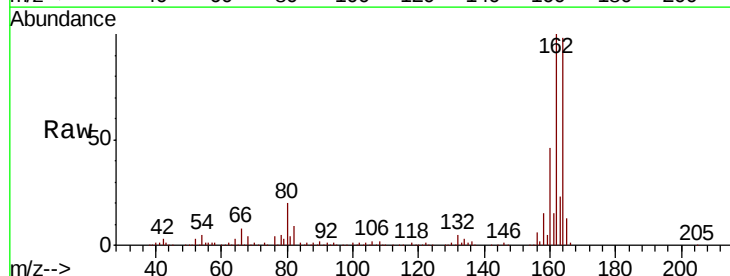
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-B

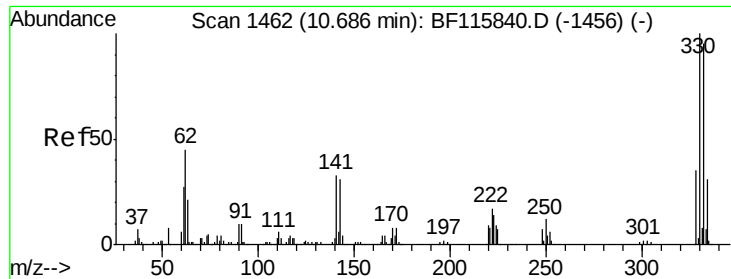
Tot Ion	82	Resp	787656
Ion Ratio	100	Lower	Upper
128	46.5	36.5	54.7
54	44.4	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116190.D
 Acq: 12 Aug 2019 14:28

Tgt Ion	164	Resp	254743
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.1	82.6	124.0
160	46.7	37.6	56.4

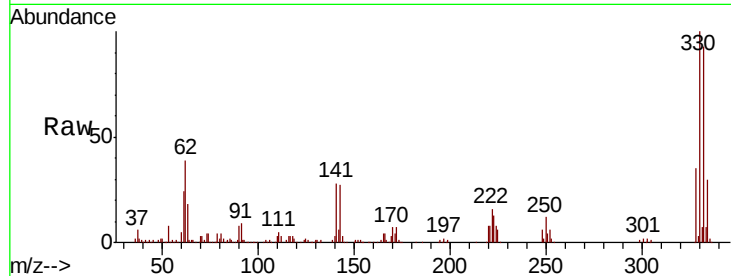




#42
 2,4,6-Tribromophenol
 Concen: 150.605 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116190.D
 Acq: 12 Aug 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	32.9	26.3	39.5

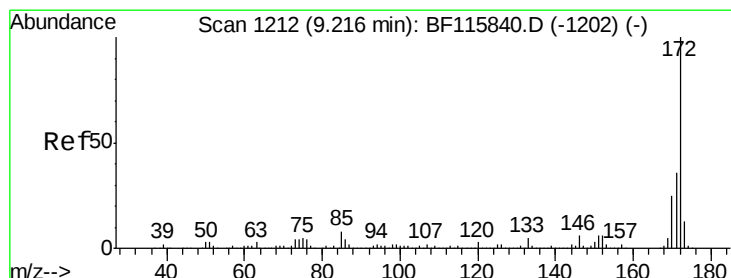
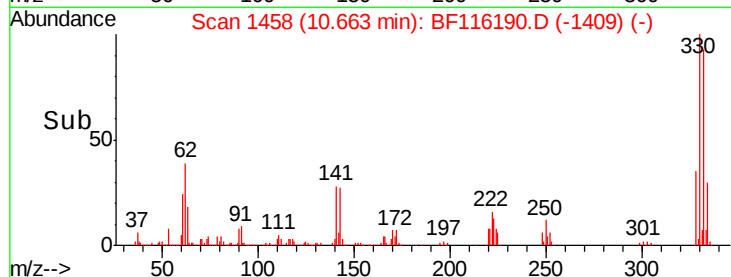
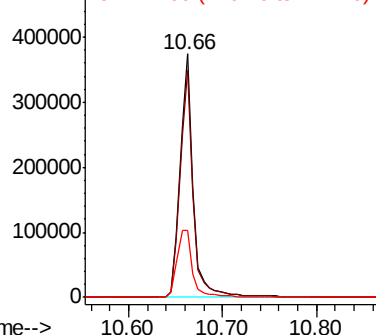


Abundance

Ion 329.80 (329.50 to 330.50): E

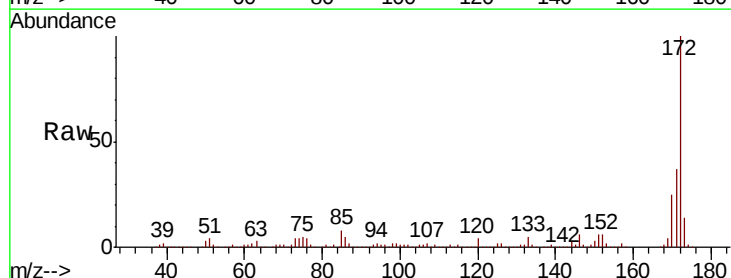
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.552 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116190.D
 Acq: 12 Aug 2019 14:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.1	20.1	30.1

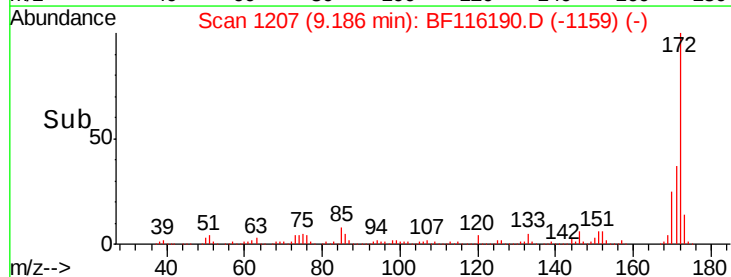
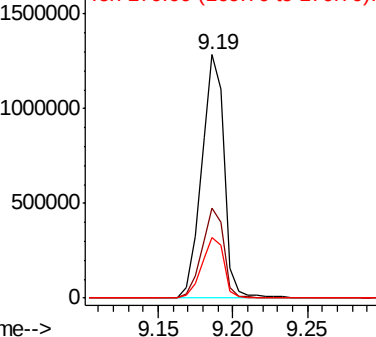


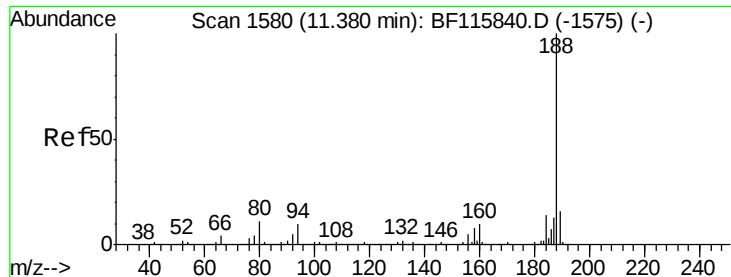
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116190.D

Acq: 12 Aug 2019 14:28

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-B

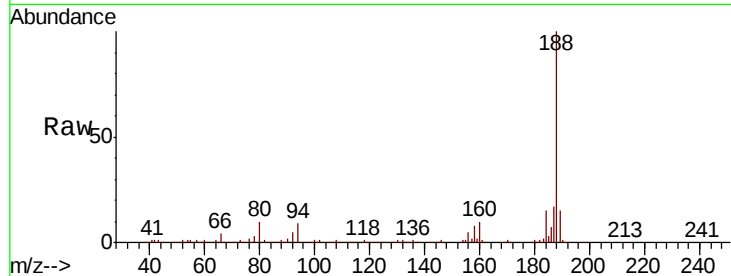
Tot Ion:188 Resp: 474652

Ion Ratio Lower Upper

188 100

94 9.2 8.1 12.1

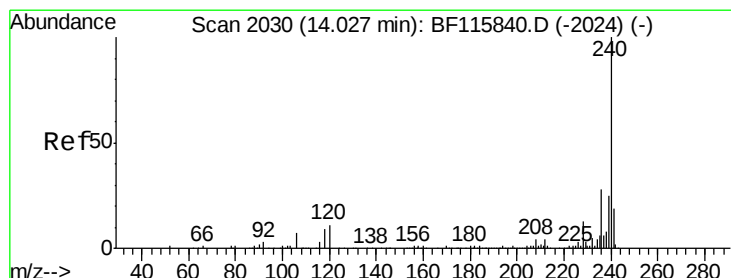
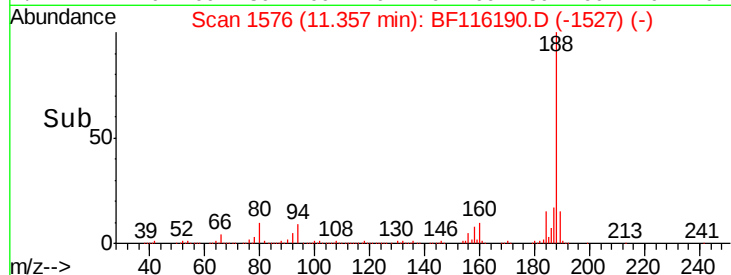
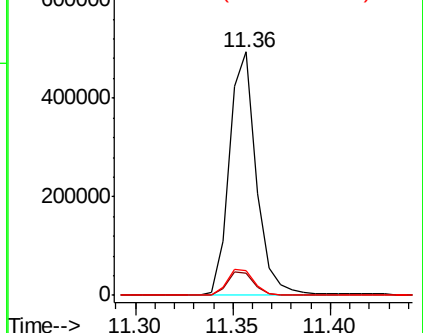
80 10.0 8.7 13.1



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

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116190.D

Acq: 12 Aug 2019 14:28

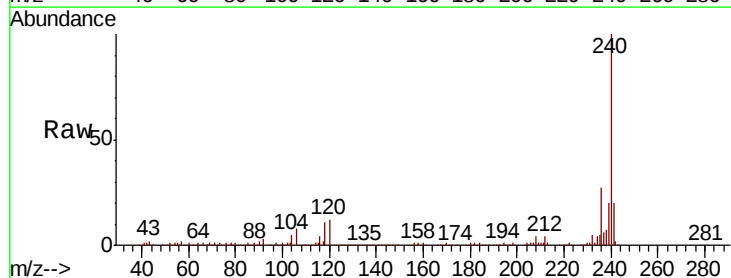
Tgt Ion:240 Resp: 410028

Ion Ratio Lower Upper

240 100

120 12.5 10.7 16.1

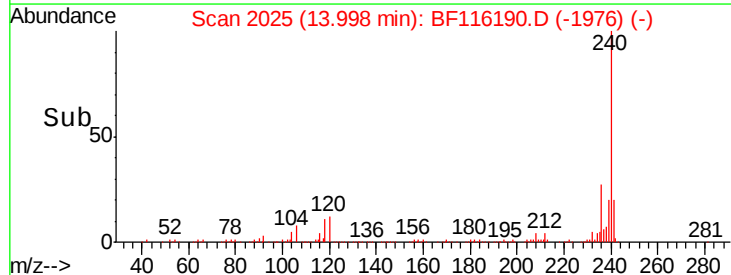
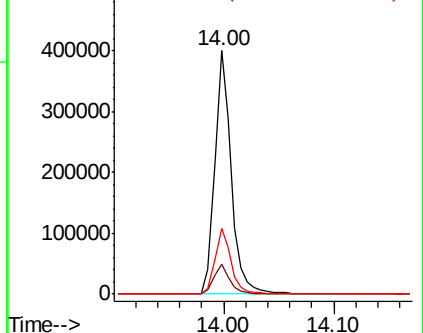
236 27.1 22.2 33.2

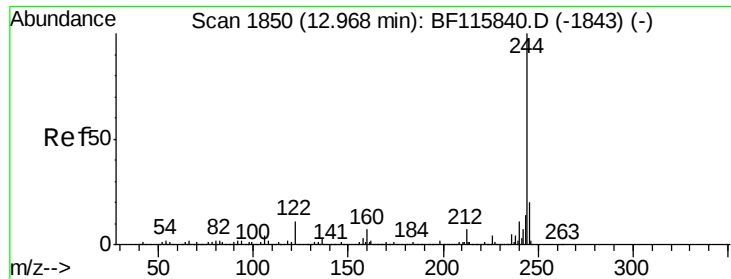


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.911 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116190.D

Acq: 12 Aug 2019 14:28

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-B

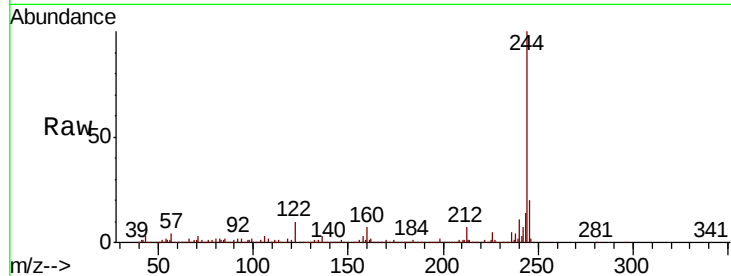
Tot Ion:244 Resp: 1671730

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

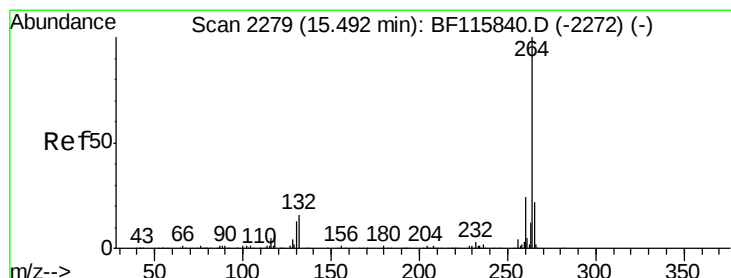
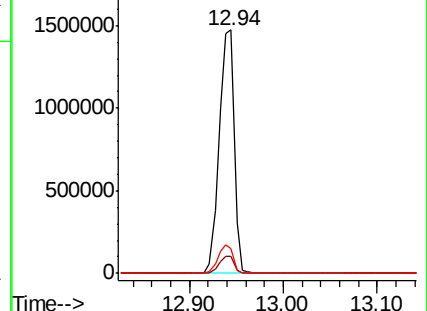
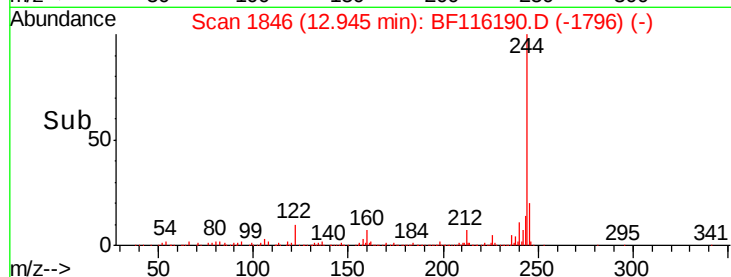
122 10.4 9.0 13.4



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: BF116190.D

Acq: 12 Aug 2019 14:28

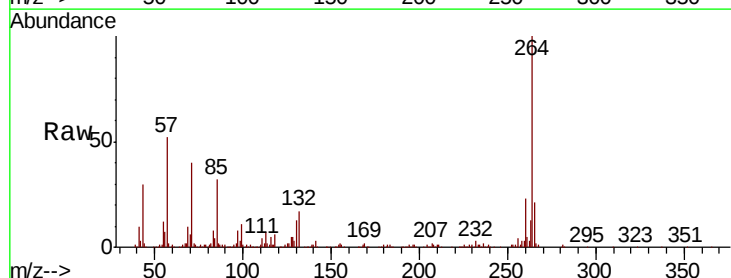
Tgt Ion:264 Resp: 378232

Ion Ratio Lower Upper

264 100

260 23.5 19.7 29.5

265 20.9 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

