

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119737.D
 Acq On : 4 Apr 2020 00:21
 Operator : MA/SJ
 Sample : L2101-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-020304

Quant Time: Apr 04 01:00:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	189574	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	709082	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	357501	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	666979	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	422300	20.00	ng	-0.03
87) Perylene-d12	15.42	264	405211	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1629333	136.82	ng	0.02
7) Phenol-d6	6.44	99	1908630	125.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	1356212	103.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	608736	165.05	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	2495385	103.41	ng	-0.01
79) Terphenyl-d14	12.92	244	2575937	119.51	ng	-0.02

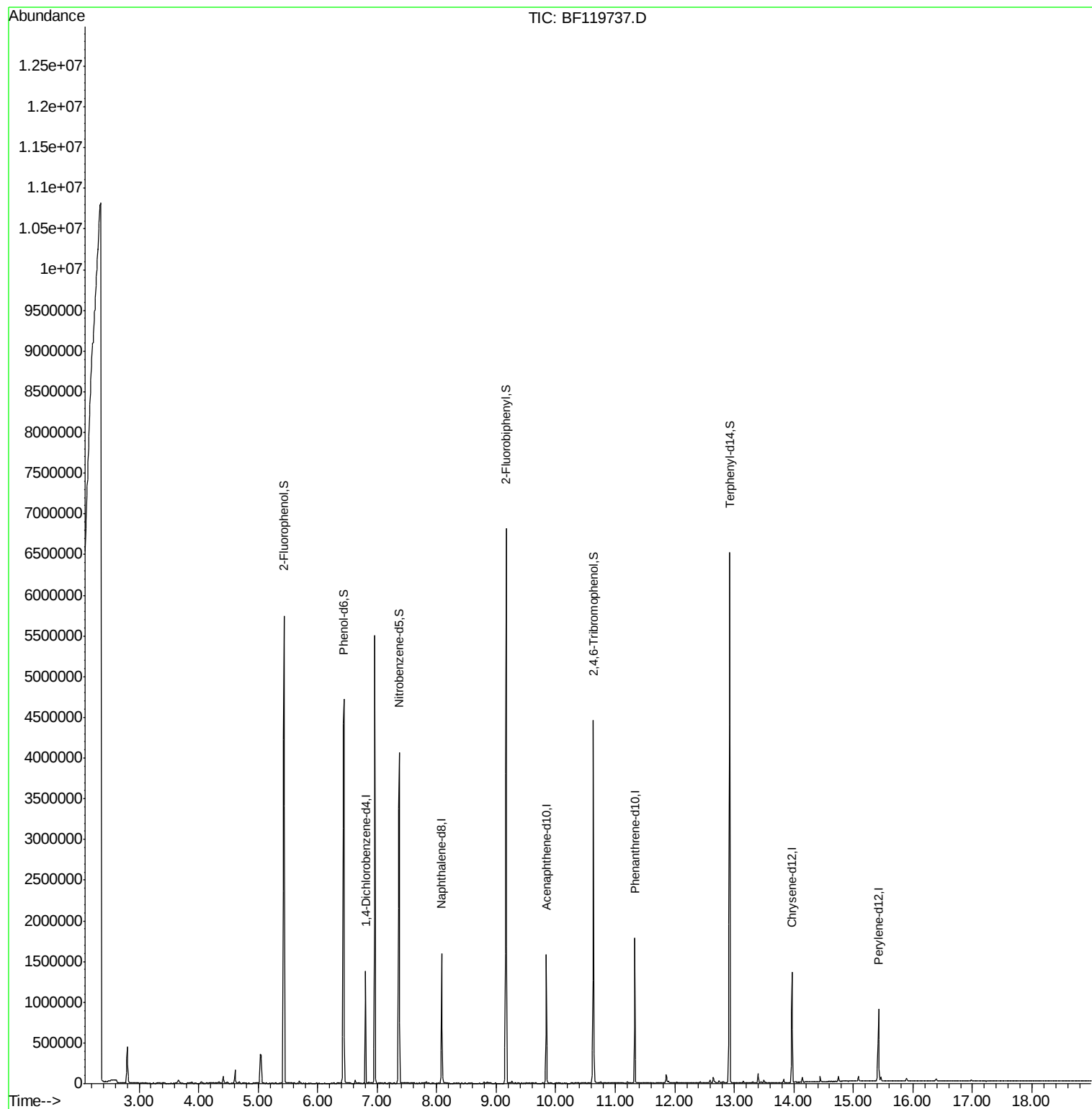
Target Compounds Qvalue

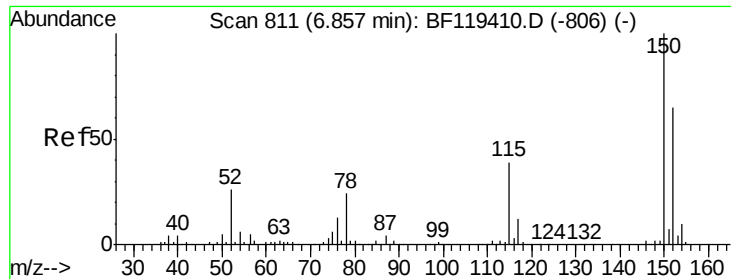
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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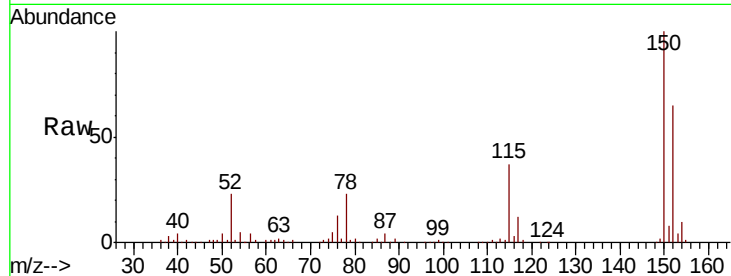


#1

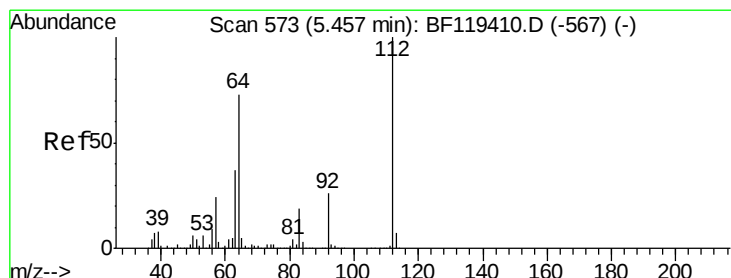
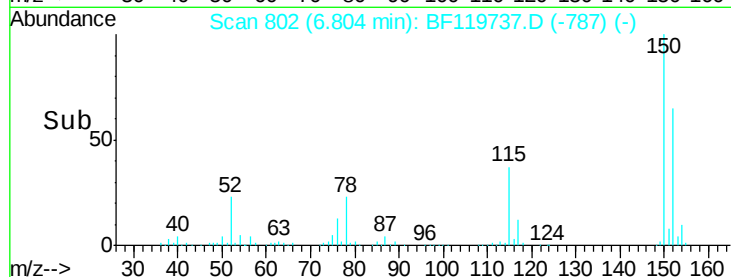
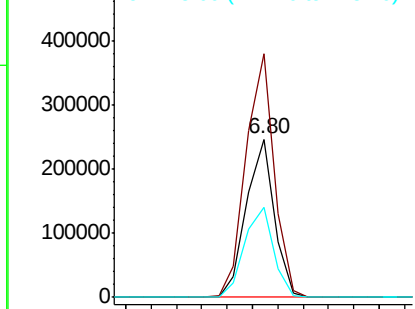
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119737.D
 Acq: 4 Apr 2020 00:21

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-020304

Tot Ion:152 Resp: 189574
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.5 186.7
 115 57.0 49.6 74.4



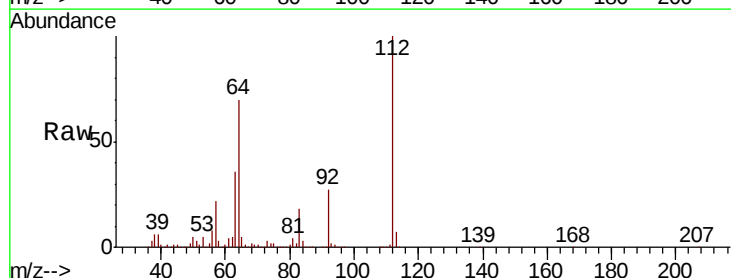
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



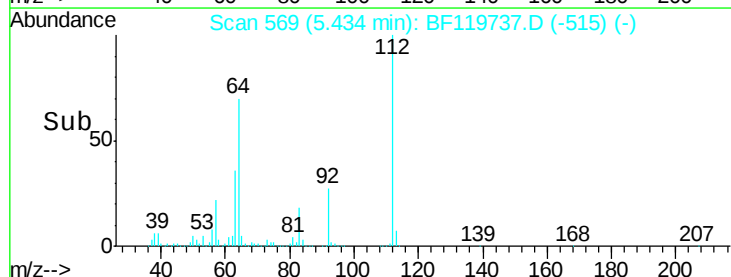
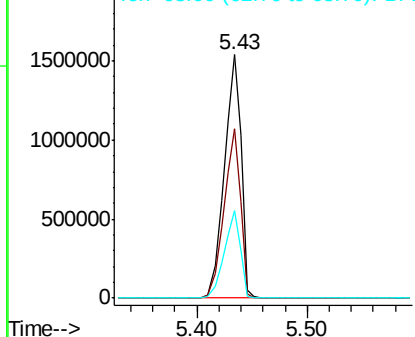
#5

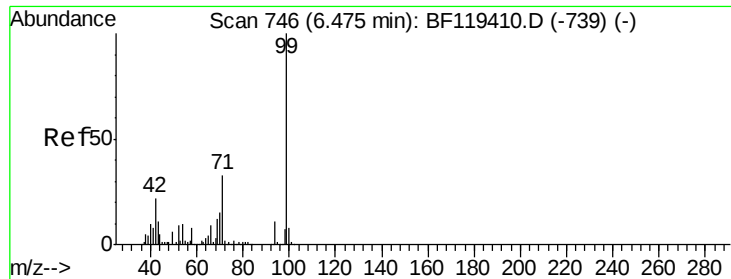
2-Fluorophenol
 Concen: 136.820 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF119737.D
 Acq: 4 Apr 2020 00:21

Tgt Ion:112 Resp: 1629333
 Ion Ratio Lower Upper
 112 100
 64 69.6 56.7 85.1
 63 35.7 29.5 44.3



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: 125.465 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119737.D

Acq: 4 Apr 2020 00:21

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-020304

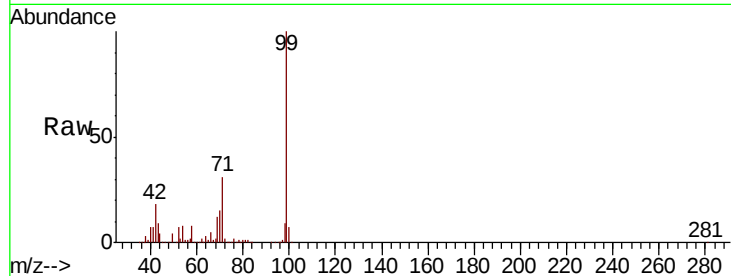
Tot Ion: 99 Resp: 1908630

Ion Ratio Lower Upper

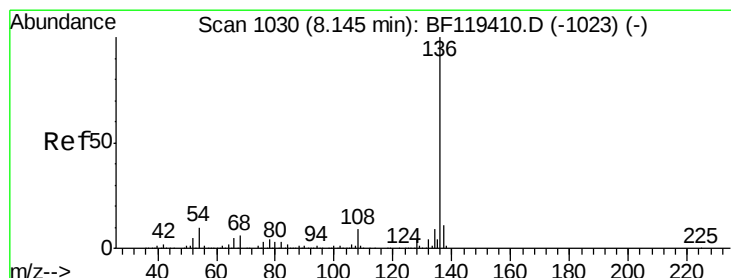
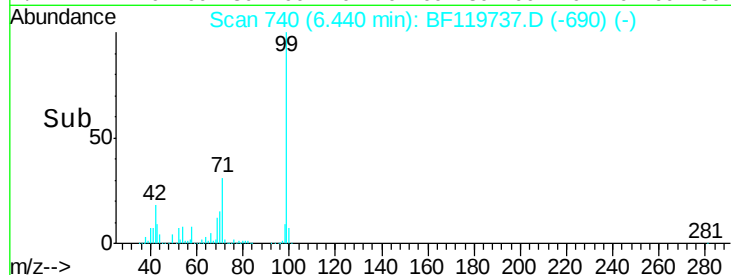
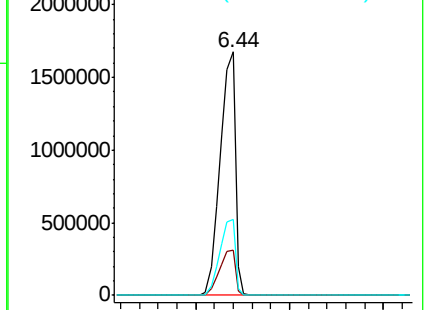
99 100

42 18.4 16.6 24.8

71 31.2 26.4 39.6



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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119737.D

Acq: 4 Apr 2020 00:21

Tgt Ion: 136 Resp: 709082

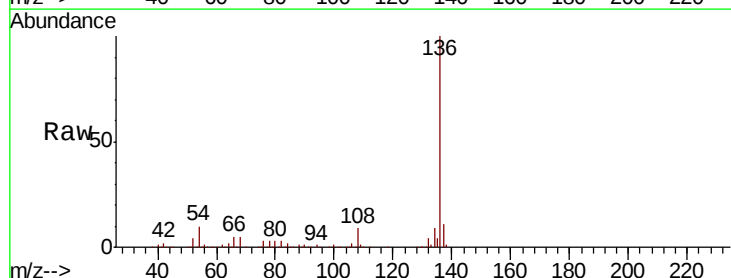
Ion Ratio Lower Upper

136 100

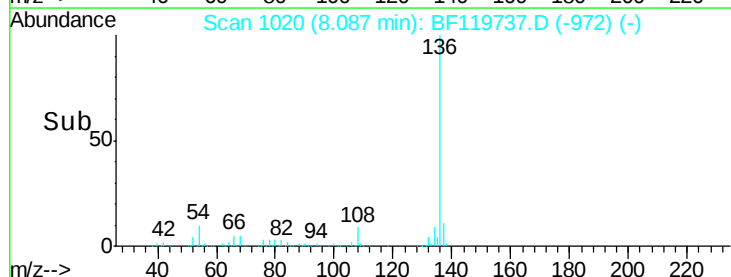
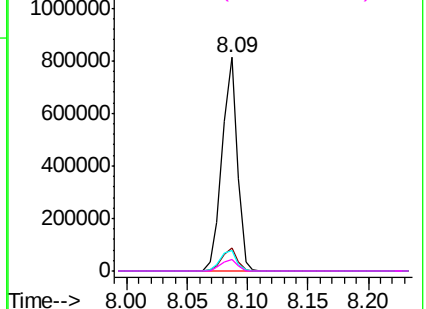
137 10.8 8.7 13.1

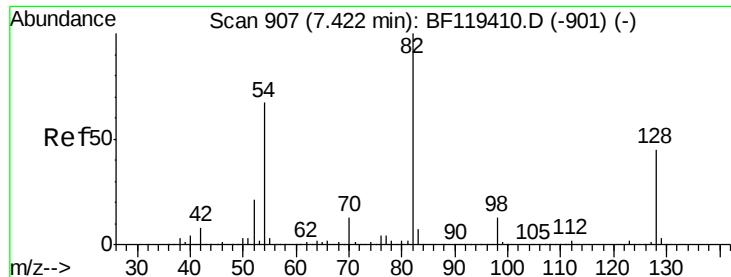
54 9.5 9.1 13.7

68 5.3 4.6 6.8



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

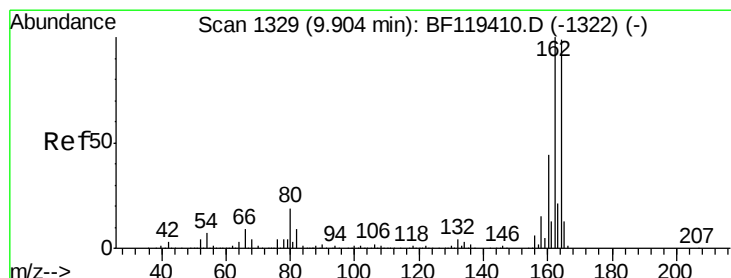
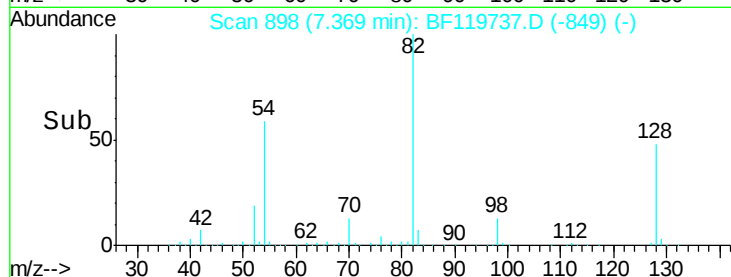
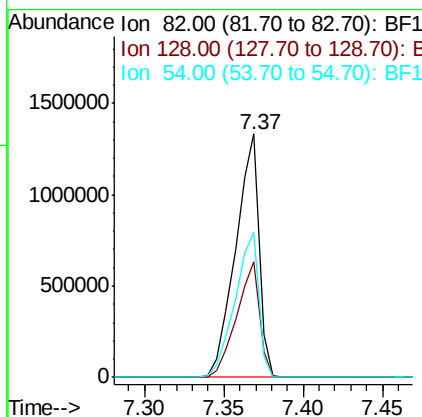
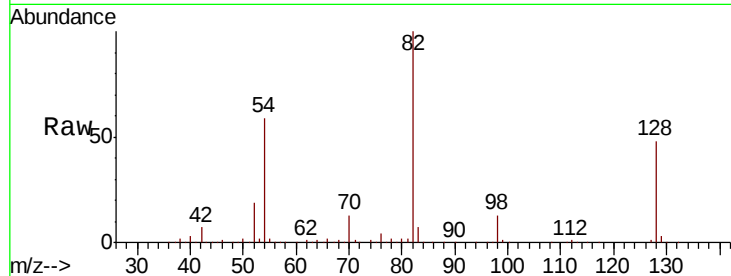




#23
Nitrobenzene-d5
Concen: 103.947 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119737.D
Acq: 4 Apr 2020 00:21

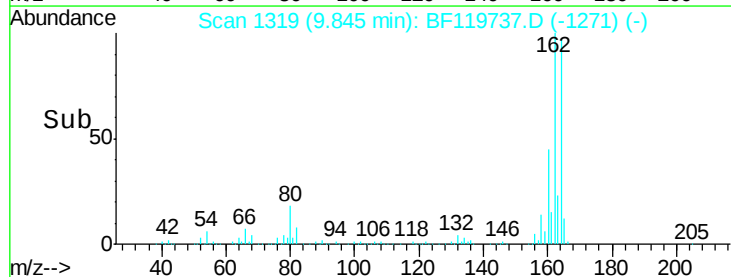
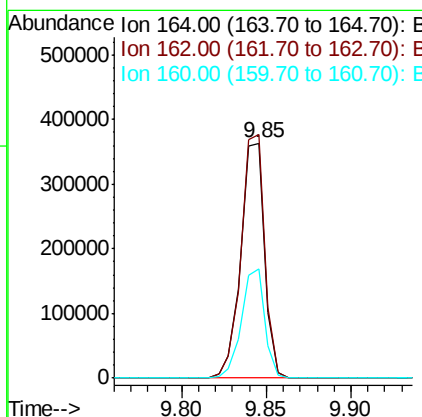
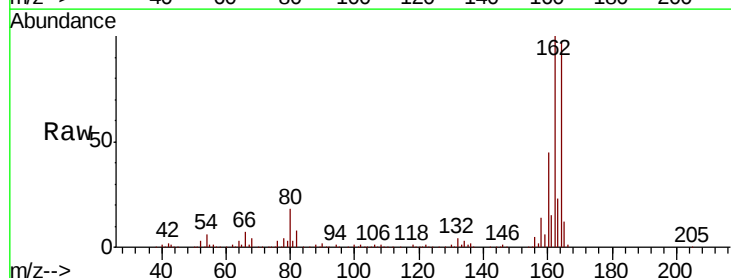
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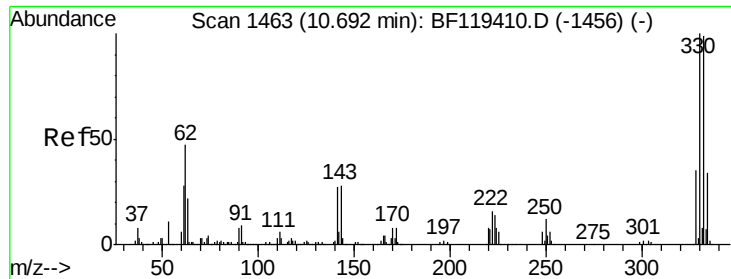
Tot Ion: 82 Resp: 1356212
Ion Ratio Lower Upper
82 100
128 47.5 36.3 54.5
54 59.5 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF119737.D
Acq: 4 Apr 2020 00:21

Tgt Ion:164 Resp: 357501
Ion Ratio Lower Upper
164 100
162 103.6 80.6 121.0
160 46.3 35.7 53.5

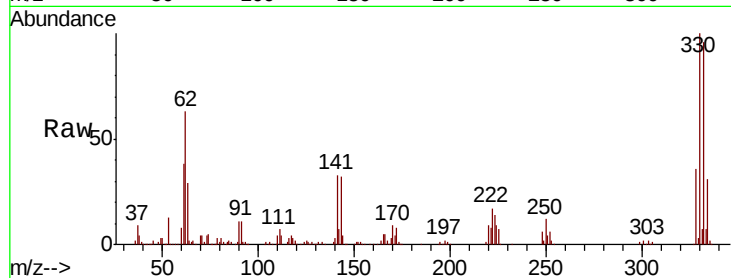




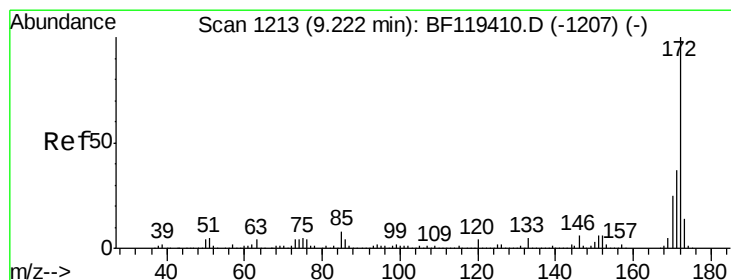
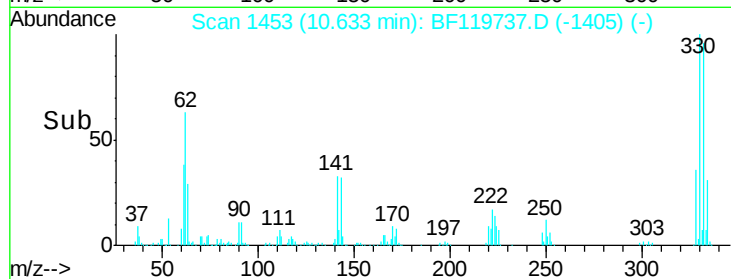
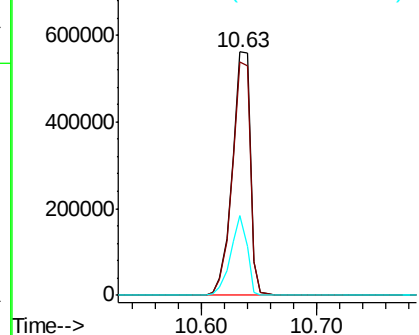
#42
 2,4,6-Tribromophenol
 Concen: 165.049 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: BF119737.D
 Acq: 4 Apr 2020 00:21

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-020304

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.7	113.5
141	30.0	25.4	38.0

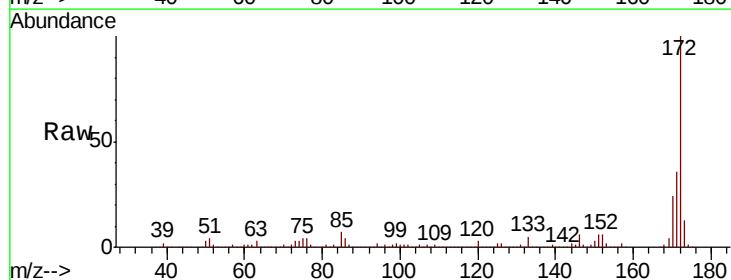


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

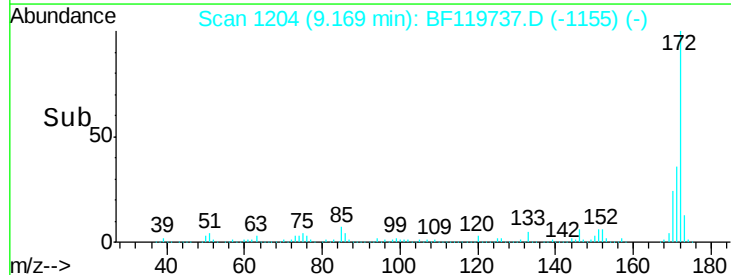
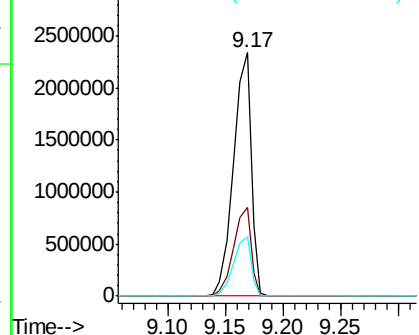


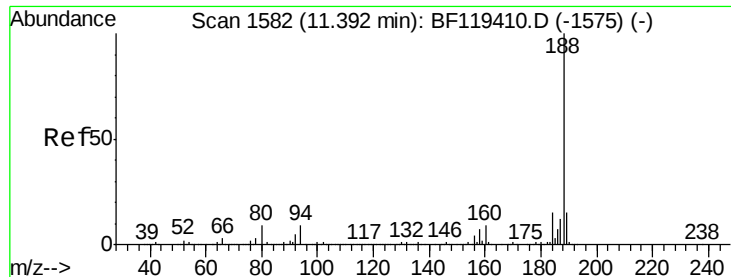
#45
 2-Fluorobiphenyl
 Concen: 103.408 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119737.D
 Acq: 4 Apr 2020 00:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.3	20.2	30.2



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

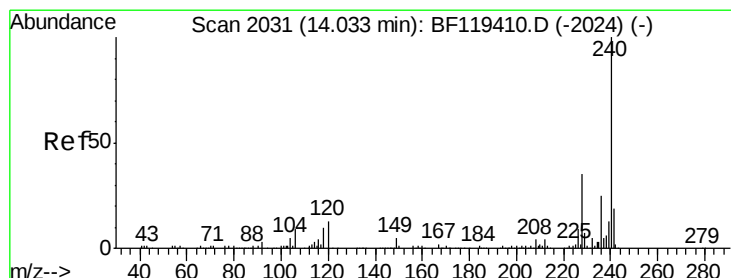
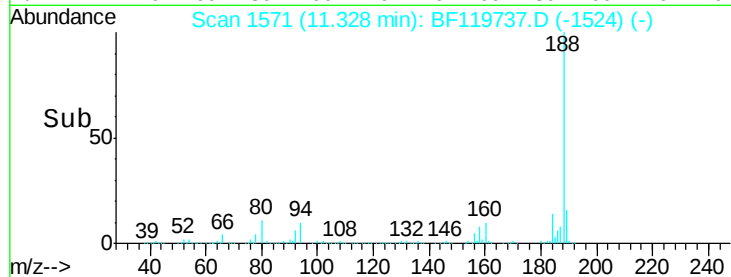
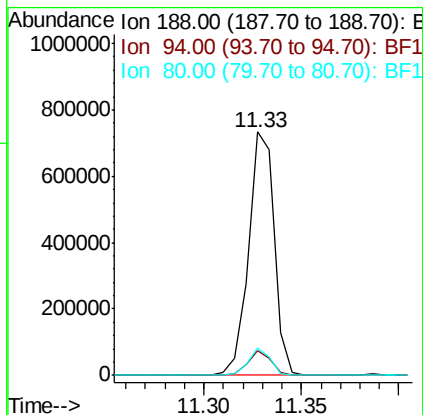
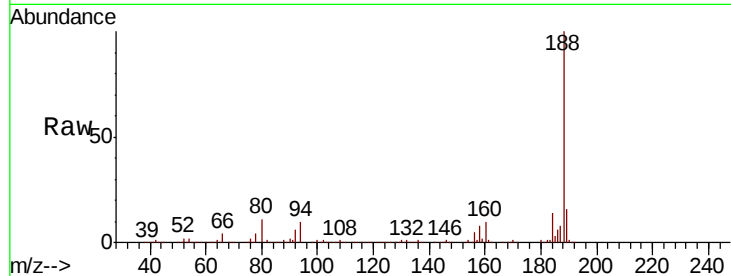




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119737.D
Acq: 4 Apr 2020 00:21

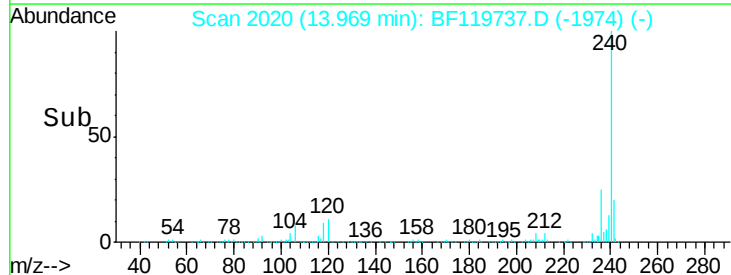
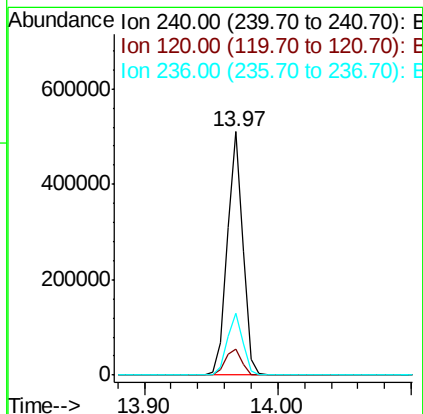
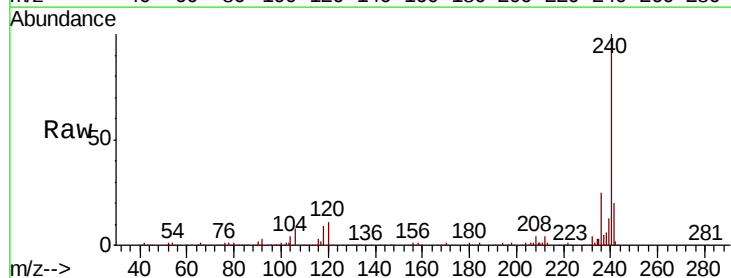
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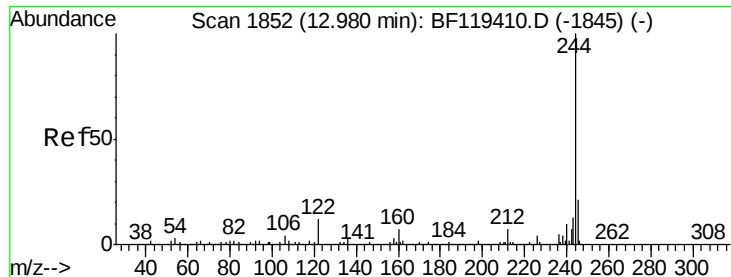
Tot Ion:188 Resp: 666979
Ion Ratio Lower Upper
188 100
94 10.4 7.5 11.3
80 11.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF119737.D
Acq: 4 Apr 2020 00:21

Tgt Ion:240 Resp: 422300
Ion Ratio Lower Upper
240 100
120 10.8 10.6 15.8
236 25.4 20.2 30.2





#79

Terphenyl-d14

Concen: 119.508 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF119737.D

Acq: 4 Apr 2020 00:21

Instrument :

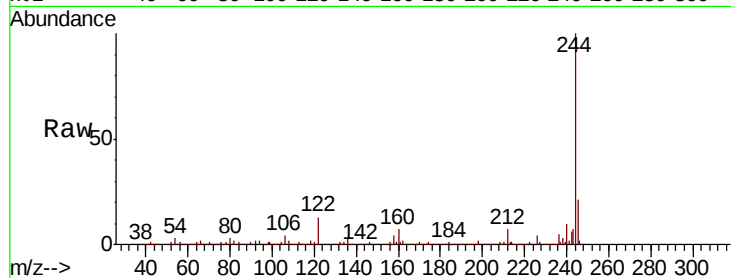
BNA_F

ClientSampleId :

239-WC-S-SB-020304

Tot Ion:244 Resp: 2575937

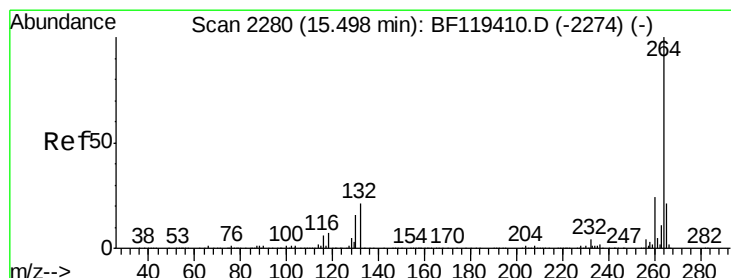
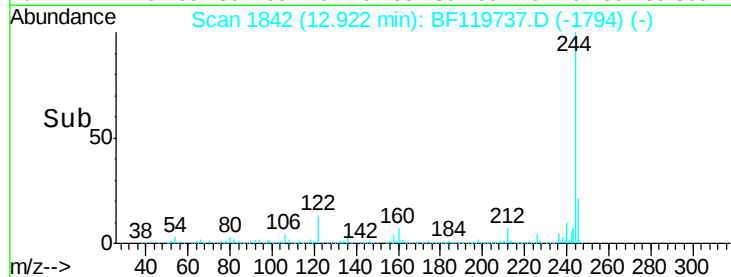
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.3	10.3	15.5



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: 15.42 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF119737.D

Acq: 4 Apr 2020 00:21

Tgt Ion:264 Resp: 405211

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.7	28.1
265	22.3	17.7	26.5

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

