

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119735.D
 Acq On : 3 Apr 2020 23:27
 Operator : MA/SJ
 Sample : L2103-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-60-61-COMP

Quant Time: Apr 04 01:03:04 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	188457	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	718946	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	360866	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	671399	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	424263	20.00	ng	-0.03
87) Perylene-d12	15.42	264	417386	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	649545	54.87	ng	0.00
7) Phenol-d6	6.43	99	764056	50.52	ng	-0.02
23) Nitrobenzene-d5	7.36	82	525829	39.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	235939	63.37	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1052889	43.22	ng	-0.02
79) Terphenyl-d14	12.92	244	1080048	49.88	ng	-0.02

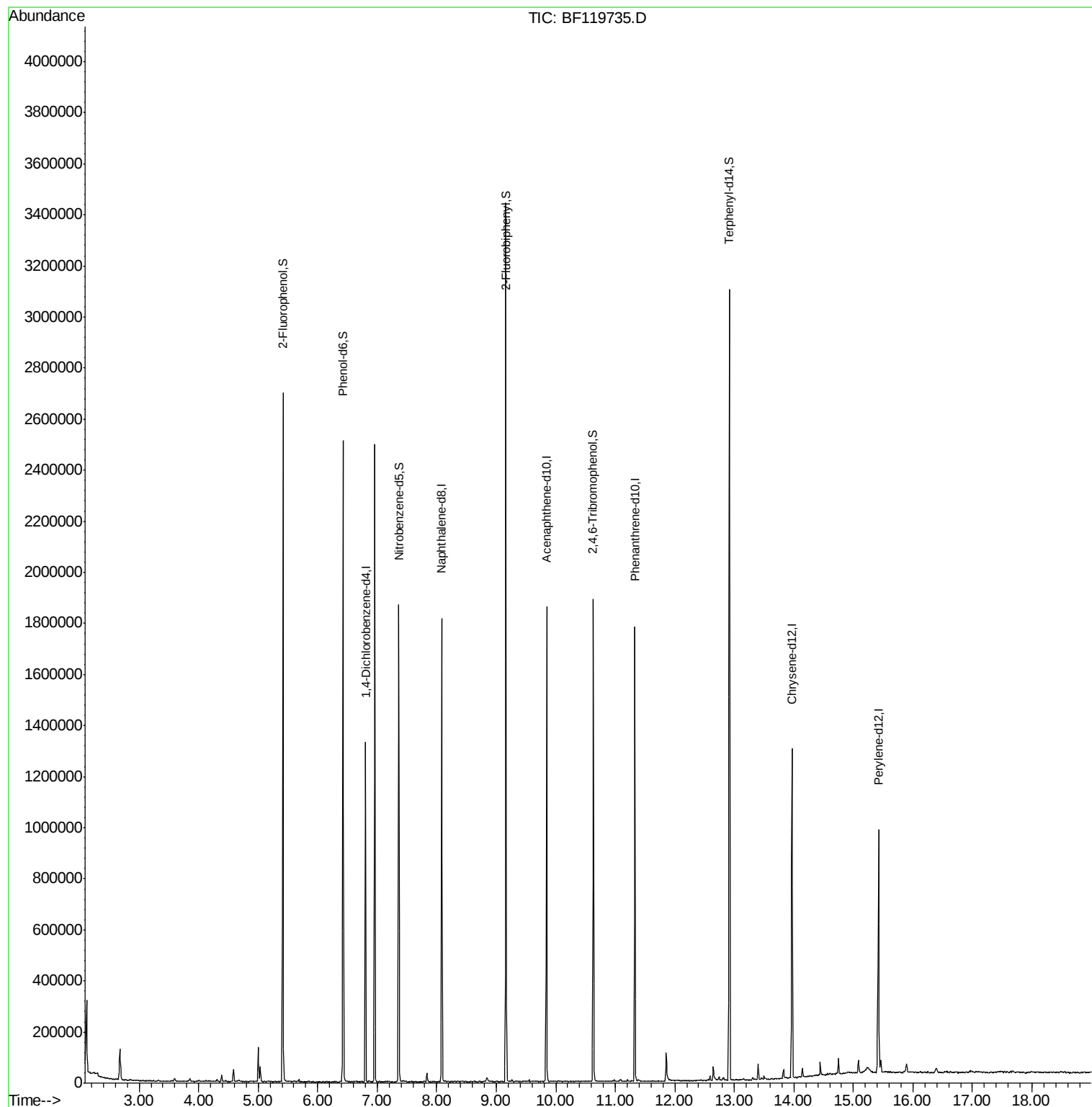
Target Compounds Qvalue

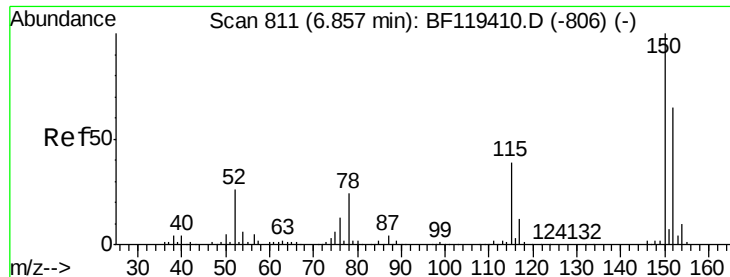
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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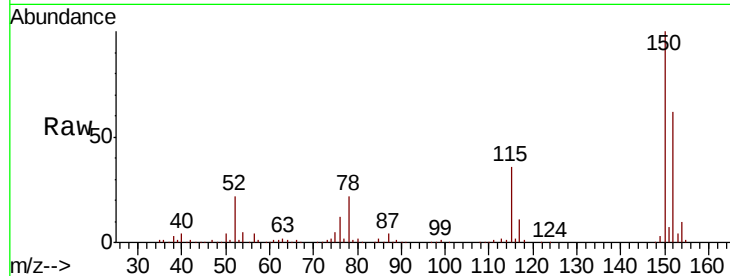


#1

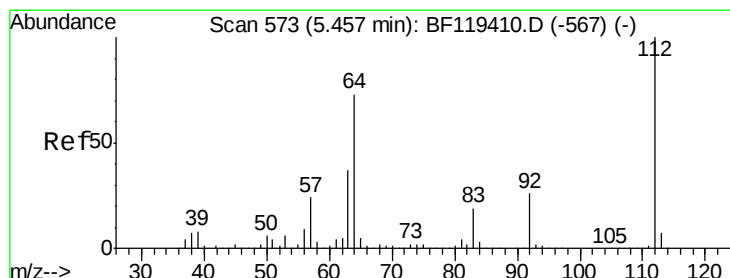
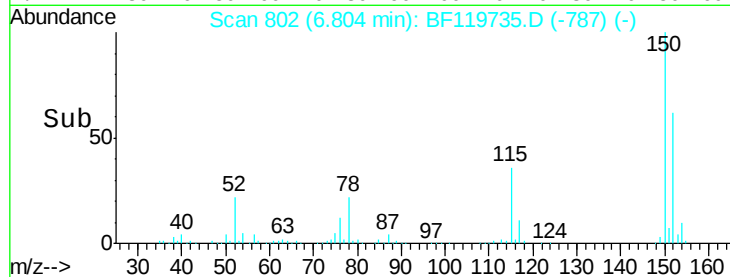
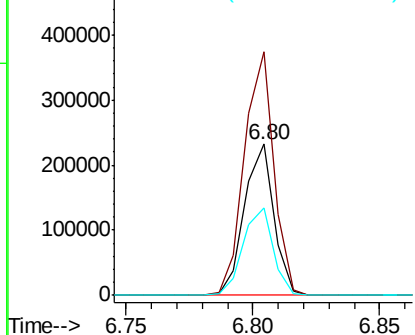
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119735.D
Acq: 3 Apr 2020 23:27

Instrument :
BNA_F
ClientSampleId :
TP-60-61-COMP

Tot Ion:152 Resp: 188457
Ion Ratio Lower Upper
152 100
150 161.0 124.5 186.7
115 58.0 49.6 74.4



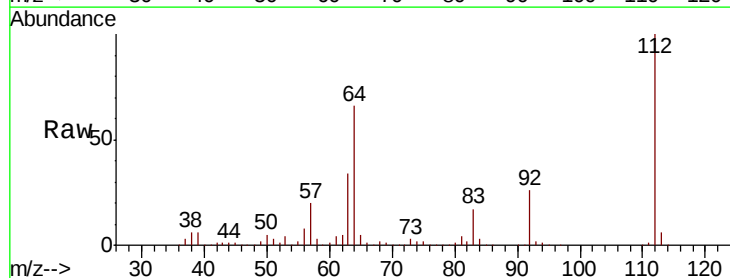
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



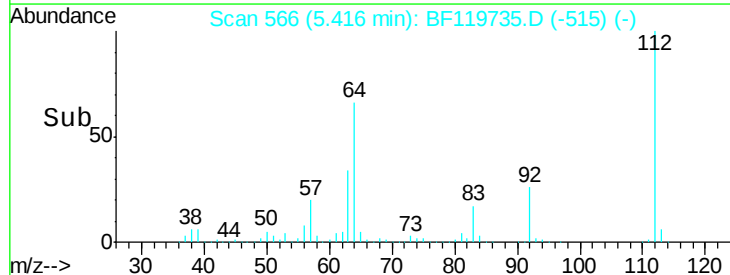
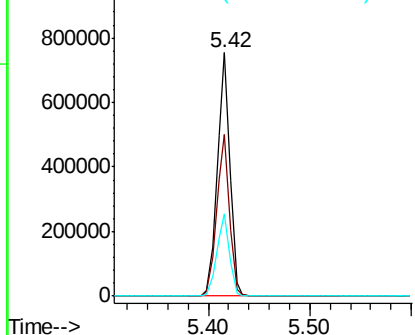
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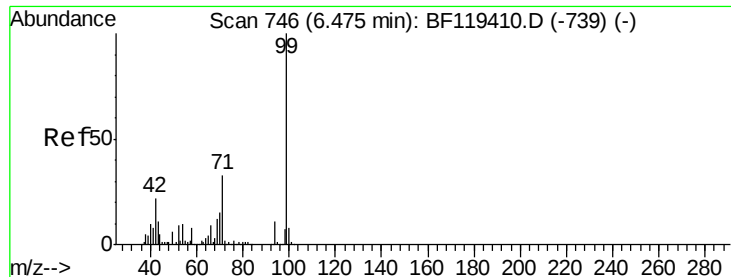
2-Fluorophenol
Concen: 54.867 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF119735.D
Acq: 3 Apr 2020 23:27

Tgt Ion:112 Resp: 649545
Ion Ratio Lower Upper
112 100
64 66.2 56.7 85.1
63 33.7 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: 50.523 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF119735.D

Acq: 3 Apr 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP-60-61-COMP

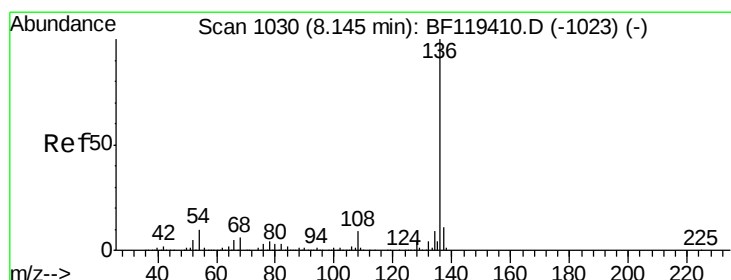
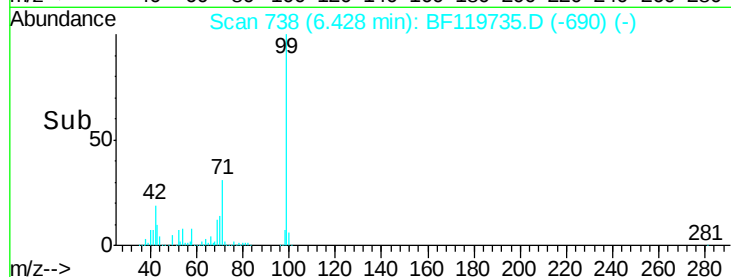
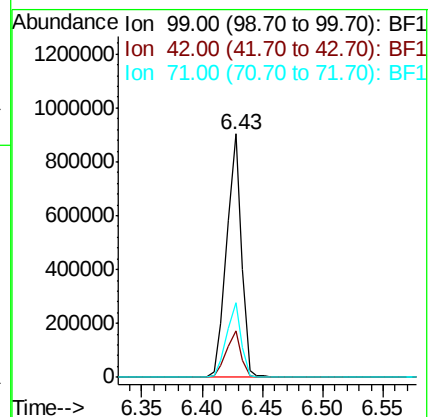
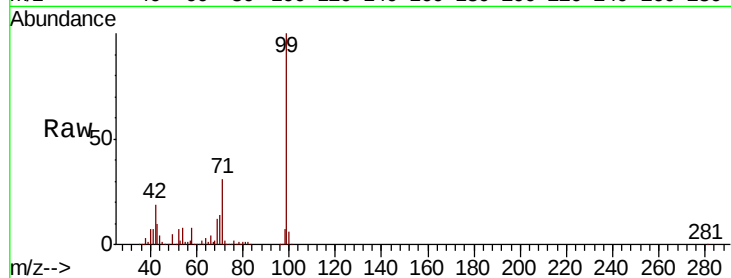
Tot Ion: 99 Resp: 764056

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

71 30.9 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119735.D

Acq: 3 Apr 2020 23:27

Tgt Ion: 136 Resp: 718946

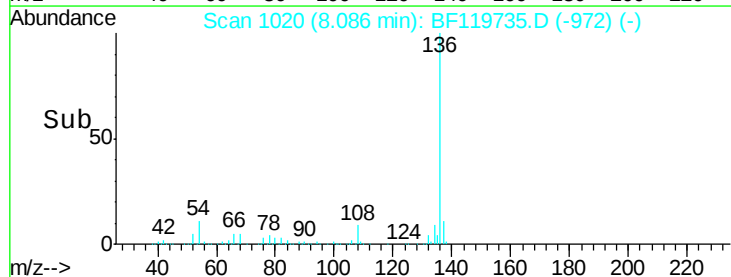
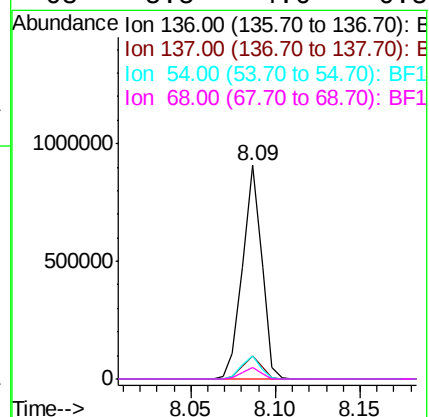
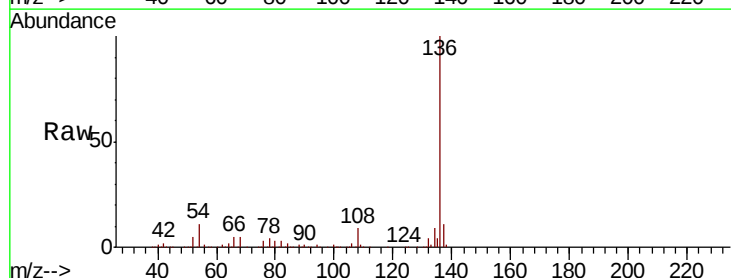
Ion Ratio Lower Upper

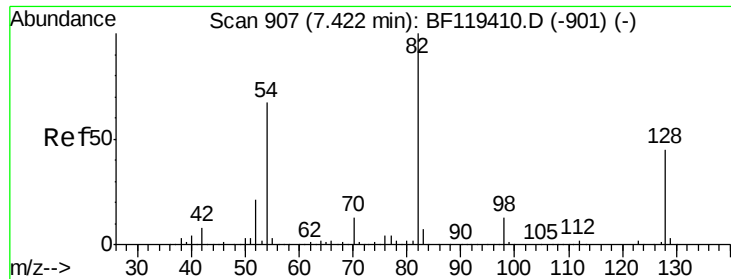
136 100

137 10.9 8.7 13.1

54 10.7 9.1 13.7

68 5.5 4.6 6.8

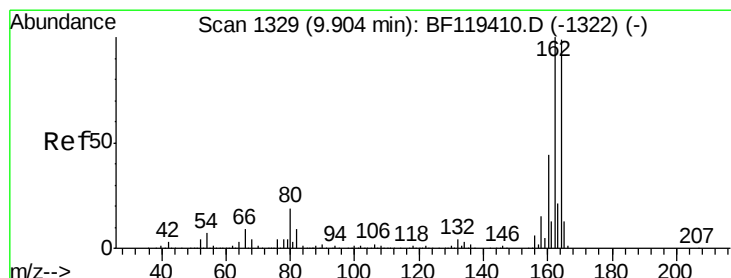
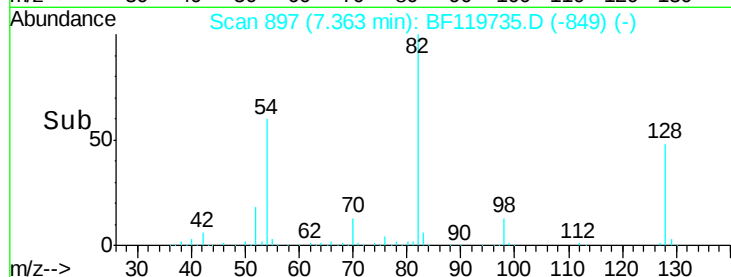
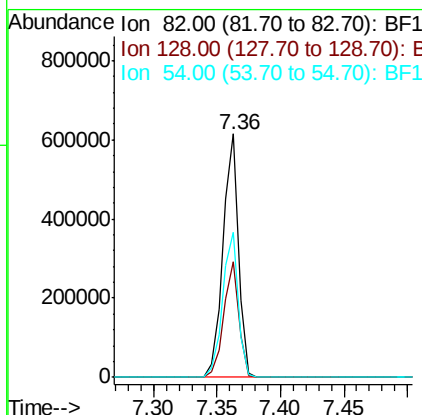
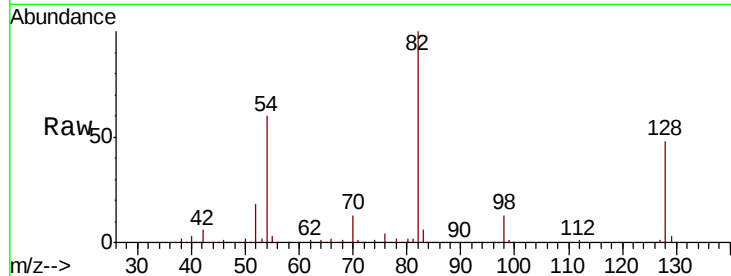




#23
 Nitrobenzene-d5
 Concen: 39.749 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF119735.D
 Acq: 3 Apr 2020 23:27

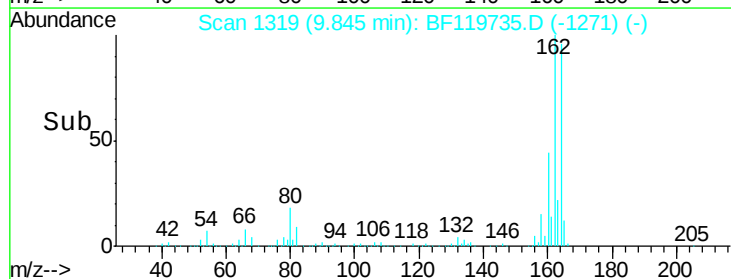
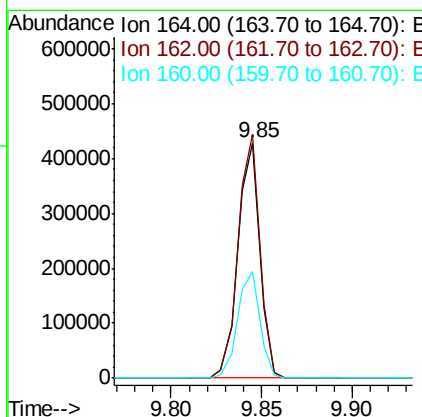
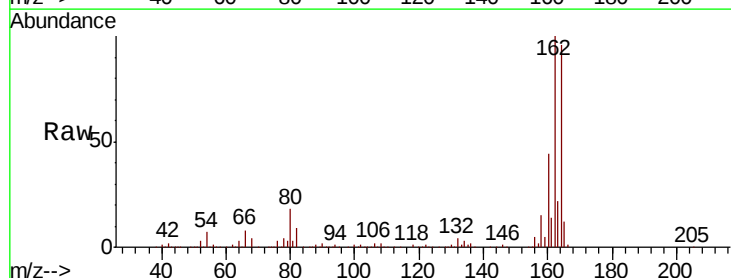
Instrument :
 BNA_F
 ClientSampleId :
 TP-60-61-COMP

Tot Ion	82	Resp	525829
Ion Ratio	Lower	Upper	
82	100		
128	47.6	36.3	54.5
54	59.8	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: BF119735.D
 Acq: 3 Apr 2020 23:27

Tgt Ion	164	Resp	360866
Ion Ratio	Lower	Upper	
164	100		
162	103.7	80.6	121.0
160	45.5	35.7	53.5

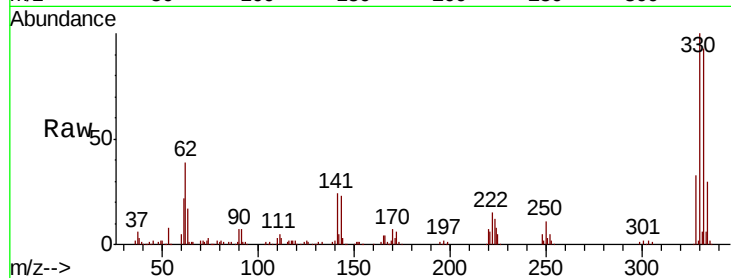




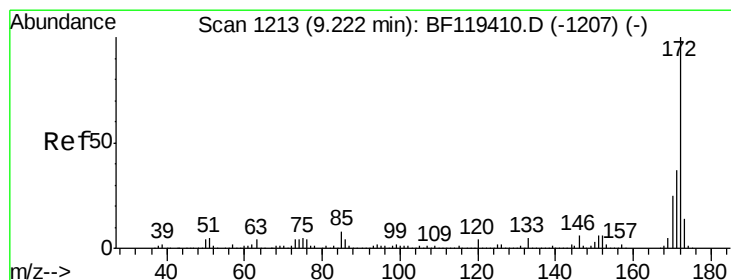
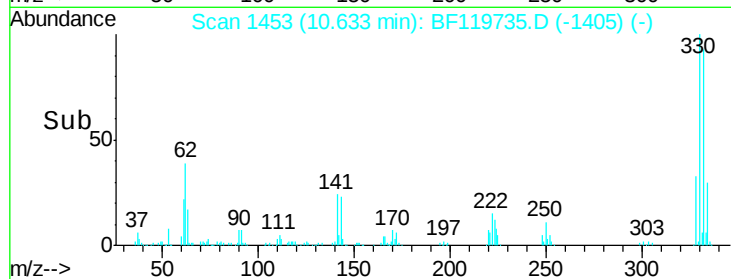
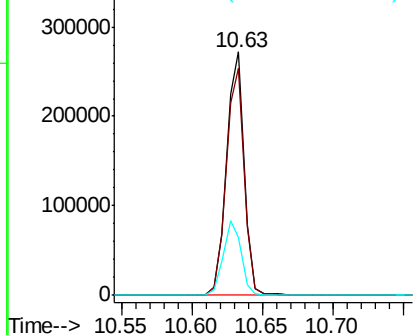
#42
 2,4,6-Tribromophenol
 Concen: 63.375 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: BF119735.D
 Acq: 3 Apr 2020 23:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-60-61-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.7	113.5
141	30.8	25.4	38.0

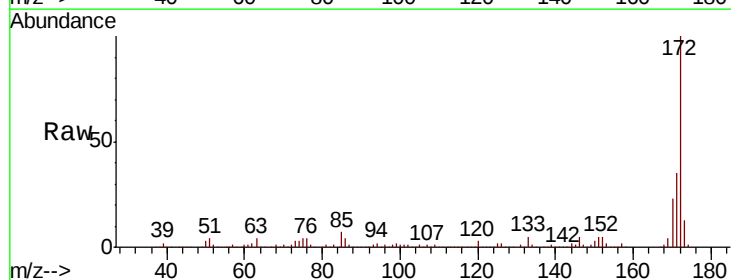


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

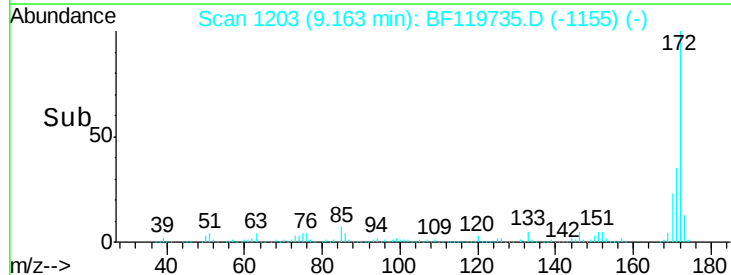
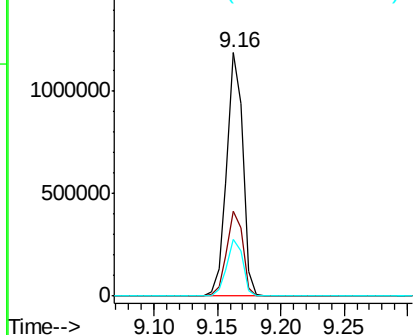


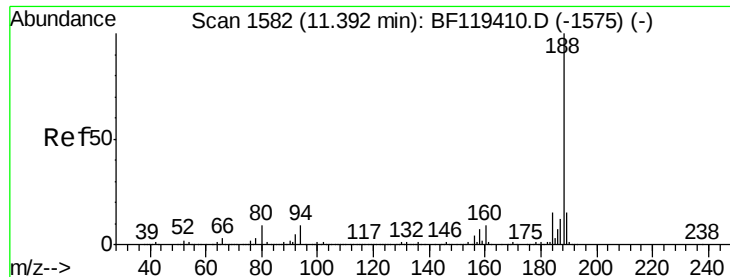
#45
 2-Fluorobiphenyl
 Concen: 43.225 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BF119735.D
 Acq: 3 Apr 2020 23:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.1	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

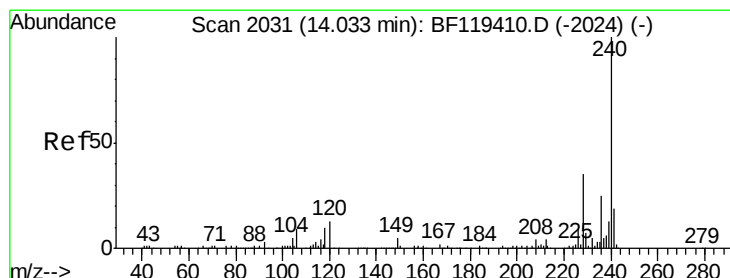
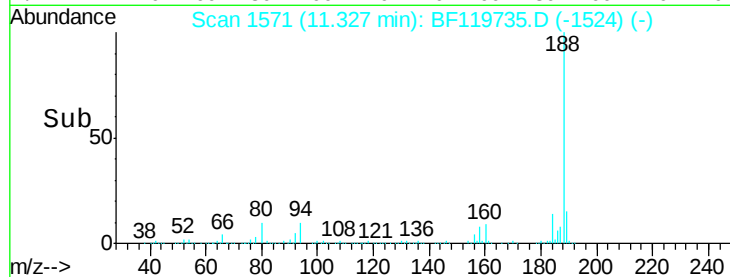
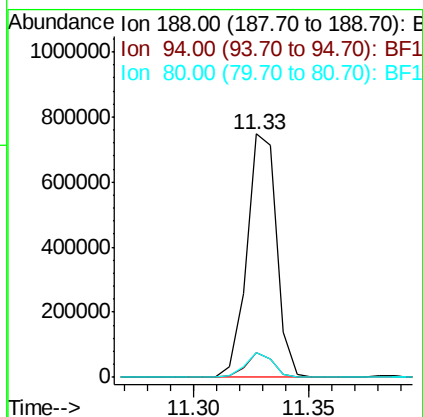
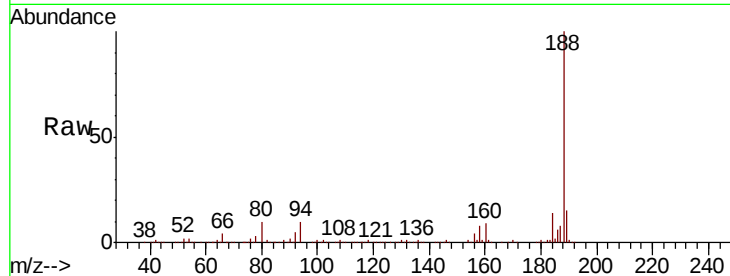




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119735.D
Acq: 3 Apr 2020 23:27

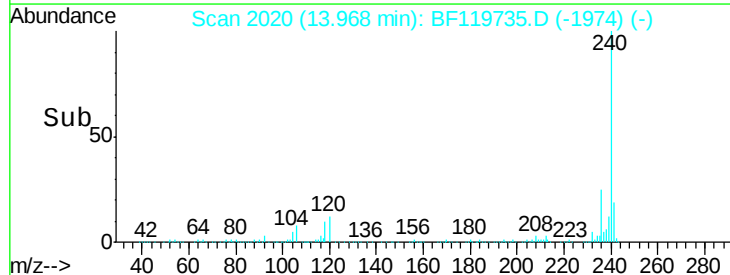
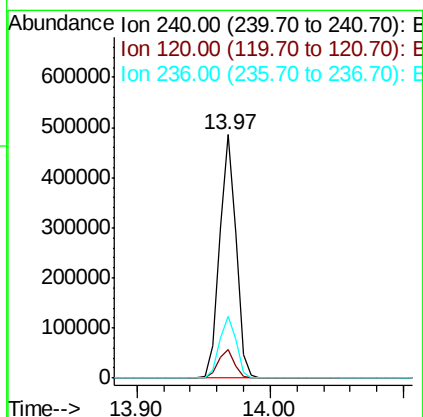
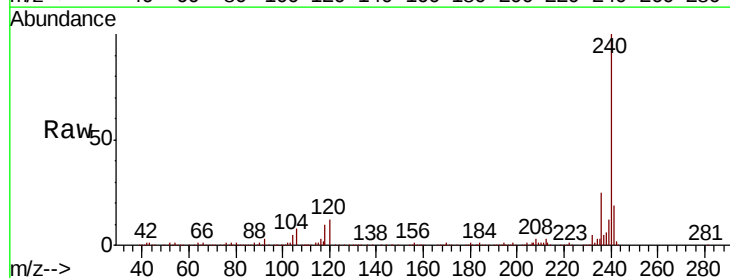
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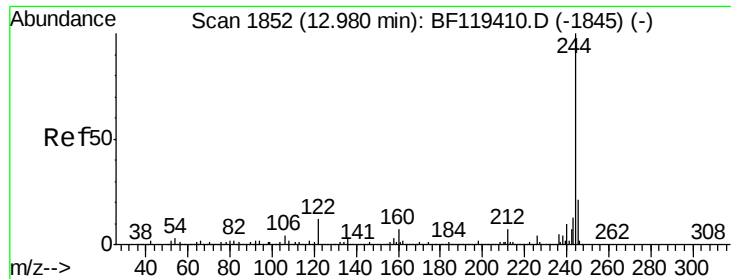
Tot Ion:188 Resp: 671399
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF119735.D
Acq: 3 Apr 2020 23:27

Tgt Ion:240 Resp: 424263
Ion Ratio Lower Upper
240 100
120 11.6 10.6 15.8
236 25.3 20.2 30.2

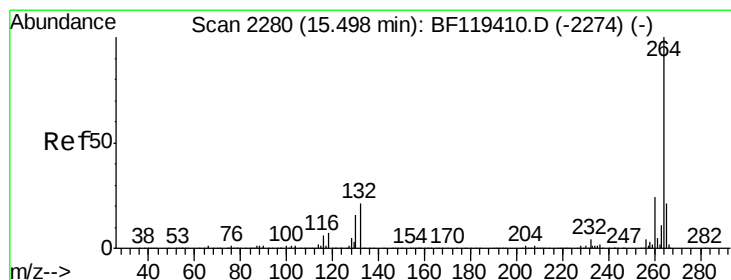
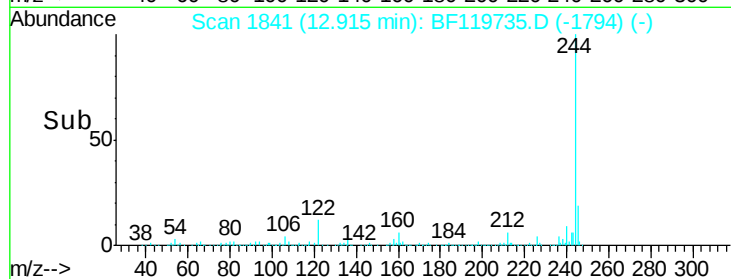
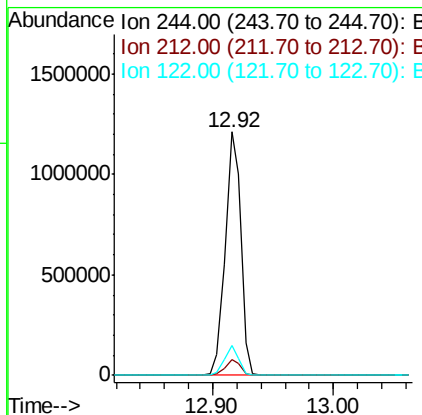
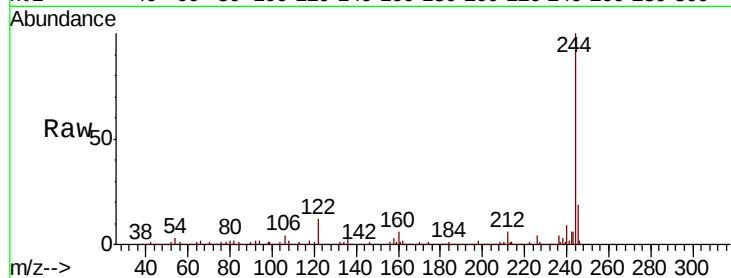




#79
 Terphenyl-d14
 Concen: 49.876 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF119735.D
 Acq: 3 Apr 2020 23:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-60-61-COMP

Tot Ion:244 Resp: 1080048
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 12.1 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.03 min
 Lab File: BF119735.D
 Acq: 3 Apr 2020 23:27

Tgt Ion:264 Resp: 417386
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 22.2 17.7 26.5

