

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118785.D
 Acq On : 31 Jan 2020 16:45
 Operator : CG/JU
 Sample : L1325-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 200059

Quant Time: Jan 31 22:50:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

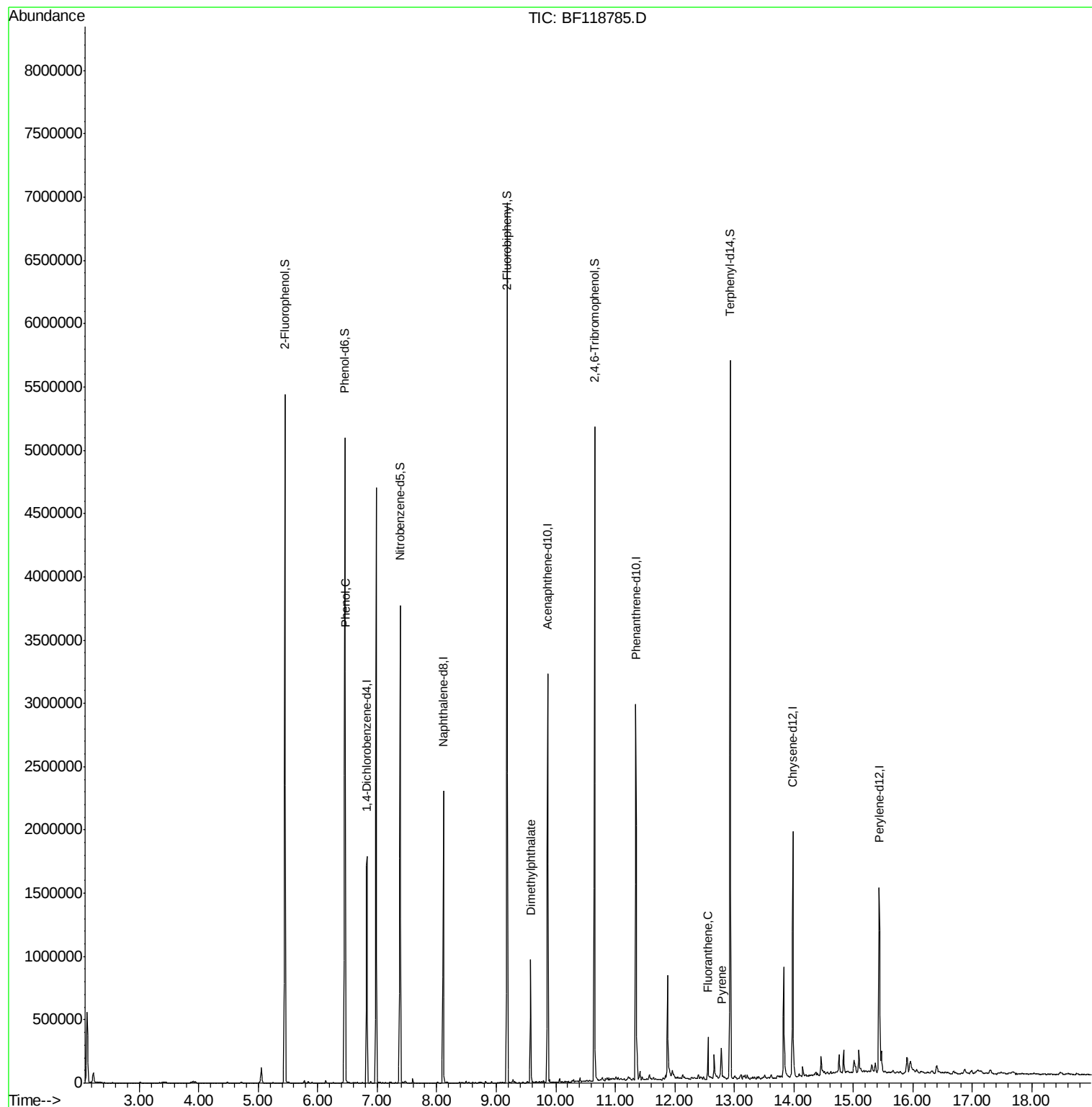
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	294122	20.00	ng	-0.04
21) Naphthalene-d8	8.11	136	1121224	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	612707	20.00	ng	-0.04
64) Phenanthrene-d10	11.35	188	1052205	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	593945	20.00	ng	-0.04
87) Perylene-d12	15.43	264	687430	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1635955	103.30	ng	-0.03
7) Phenol-d6	6.46	99	2037092	98.97	ng	-0.04
23) Nitrobenzene-d5	7.39	82	1325651	66.13	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	693196	97.82	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	2226598	59.73	ng	-0.04
79) Terphenyl-d14	12.93	244	2163252	79.44	ng	-0.03
Target Compounds						
10) Phenol	6.47	94	105286	4.488	ng	94
50) Dimethylphthalate	9.57	163	363082	9.096	ng	100
75) Fluoranthene	12.56	202	123653	2.310	ng	97
78) Pyrene	12.79	202	104280	2.586	ng	97

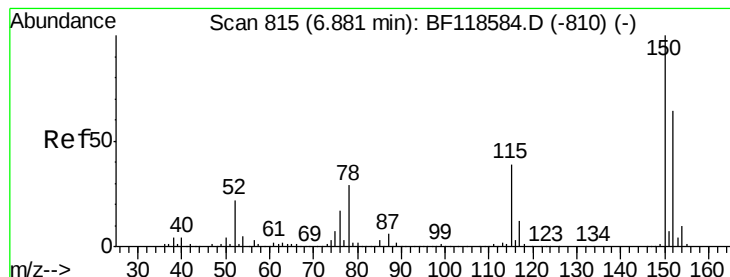
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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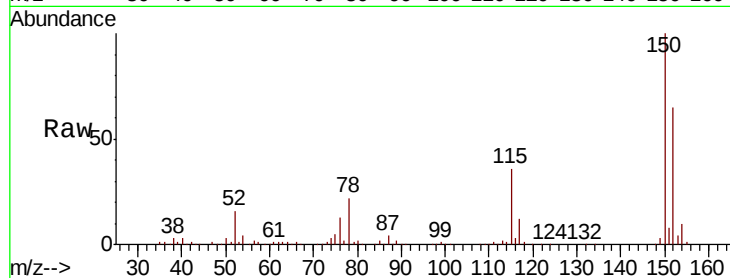


#1

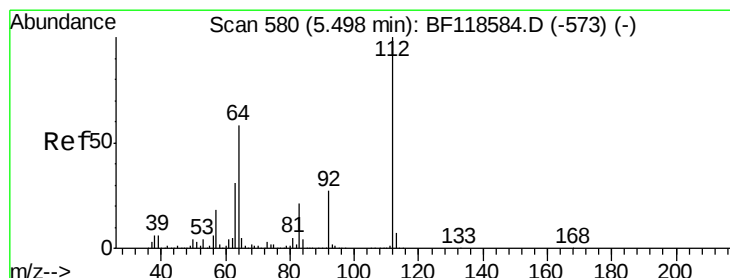
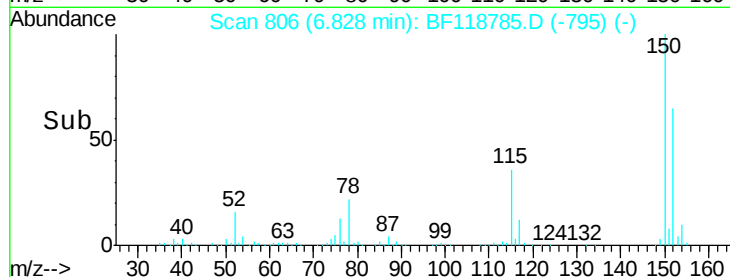
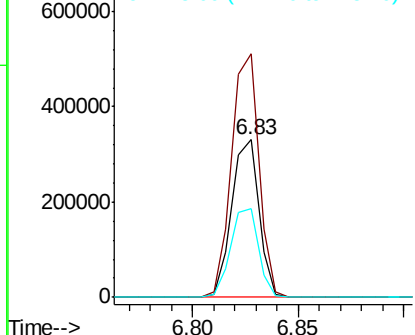
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Instrument :
BNA_F
ClientSampleId :
200059

Tot Ion:152 Resp: 294122
Ion Ratio Lower Upper
152 100
150 154.8 123.7 185.5
115 56.3 45.1 67.7



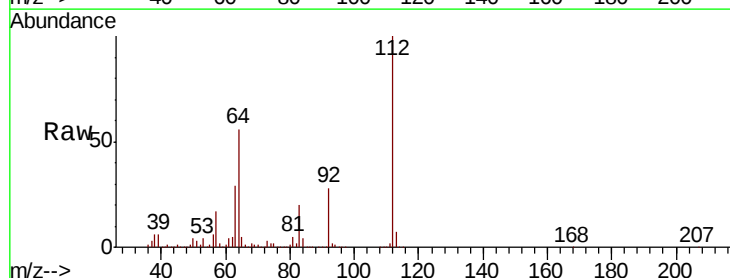
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



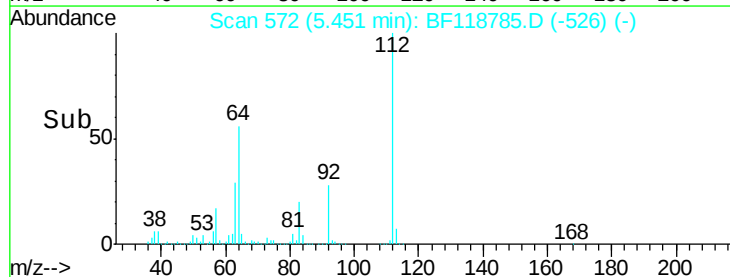
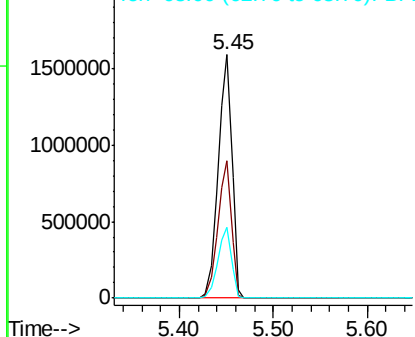
#5

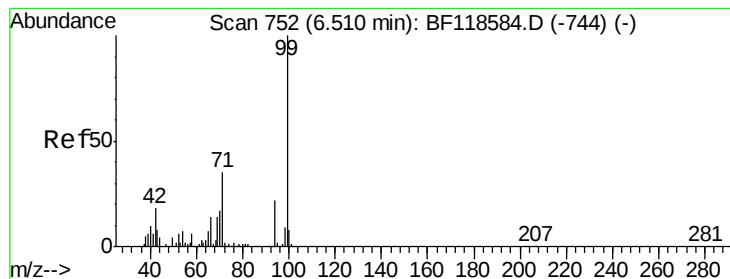
2-Fluorophenol
Concen: 103.304 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion:112 Resp: 1635955
Ion Ratio Lower Upper
112 100
64 56.2 42.4 63.6
63 29.3 21.7 32.5



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: 98.968 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118785.D

Acq: 31 Jan 2020 16:45

Instrument :

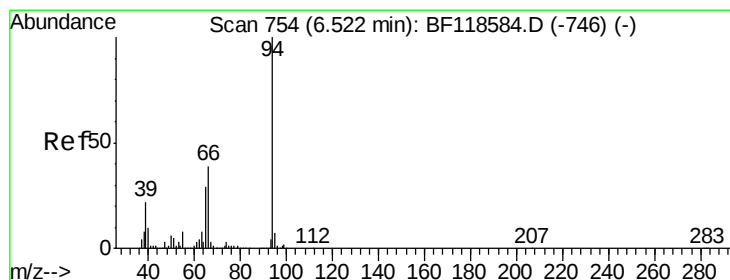
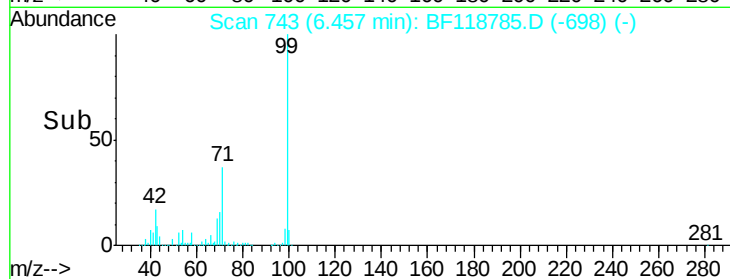
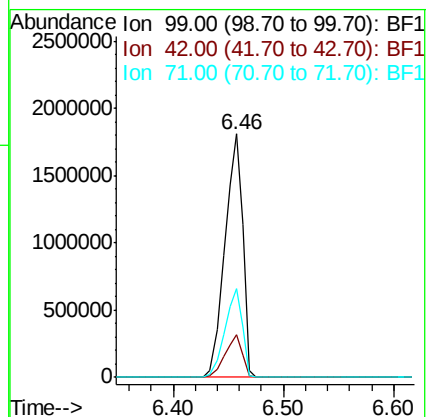
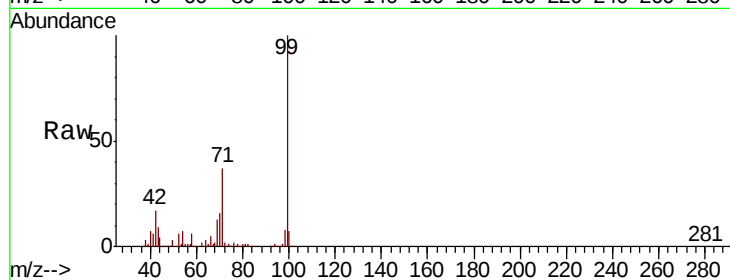
BNA_F

ClientSampleId :

200059

Tot Ion: 99 Resp: 2037092

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.1	19.7
71	36.6	28.4	42.6



#10

Phenol

Concen: 4.488 ng

RT: 6.47 min Scan# 745

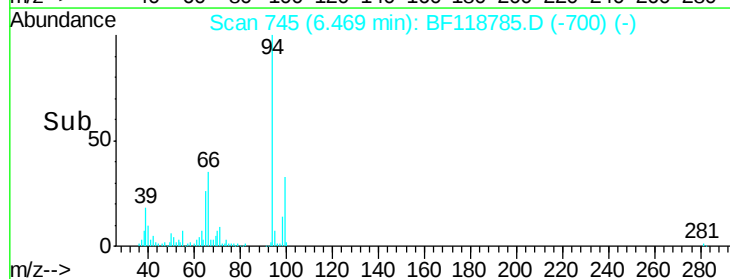
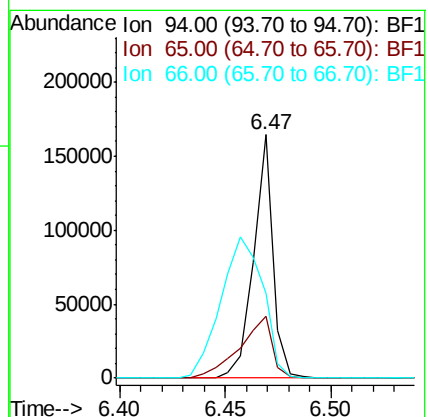
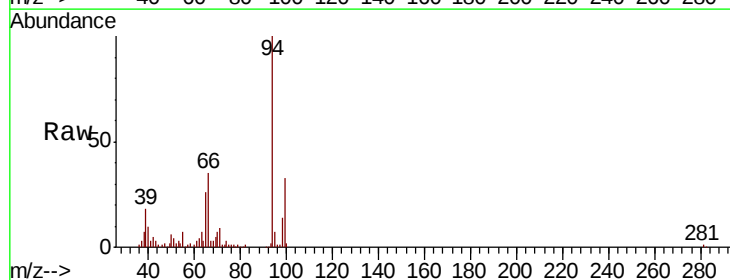
Delta R.T. -0.04 min

Lab File: BF118785.D

Acq: 31 Jan 2020 16:45

Tgt Ion: 94 Resp: 105286

Ion	Ratio	Lower	Upper
94	100		
65	25.6	7.9	47.9
66	34.6	19.1	59.1

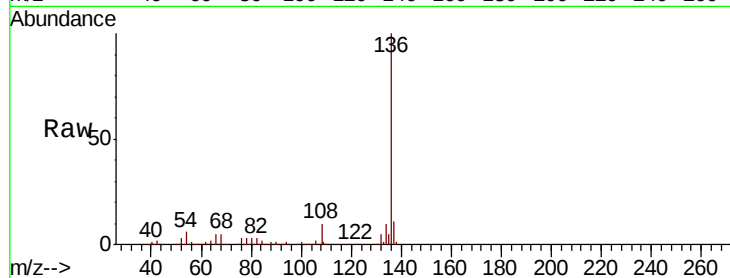




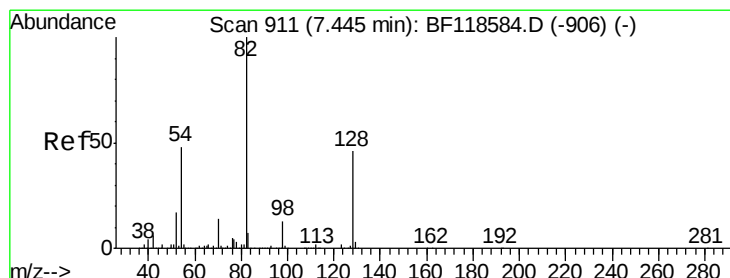
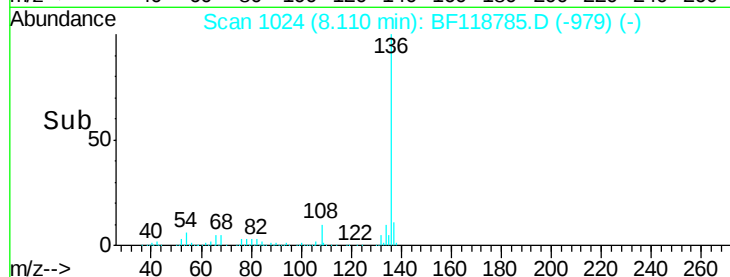
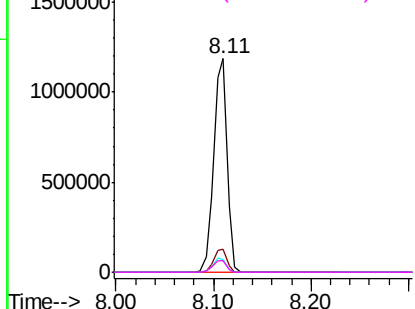
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Instrument :
BNA_F
ClientSampleId :
200059

Tot Ion:136	Resp: 1121224
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 6.3	5.1 7.7
68 5.3	4.3 6.5

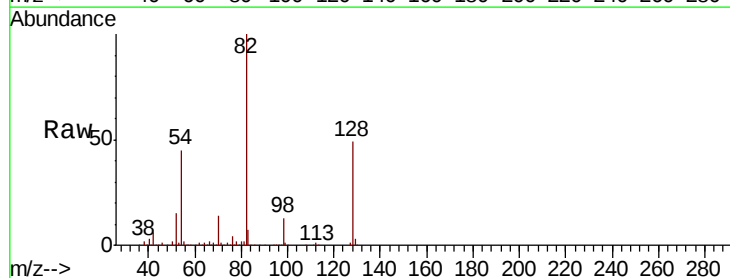


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

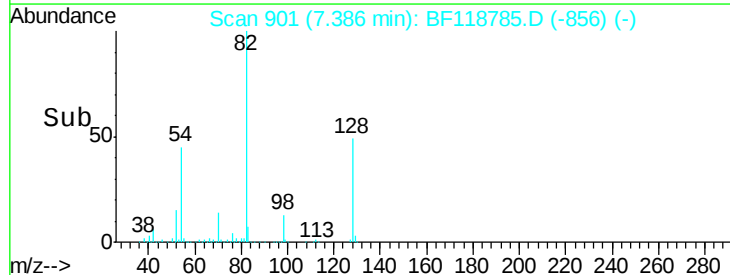
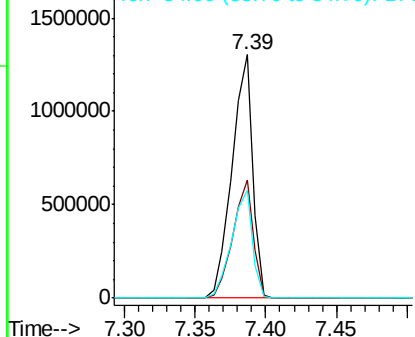


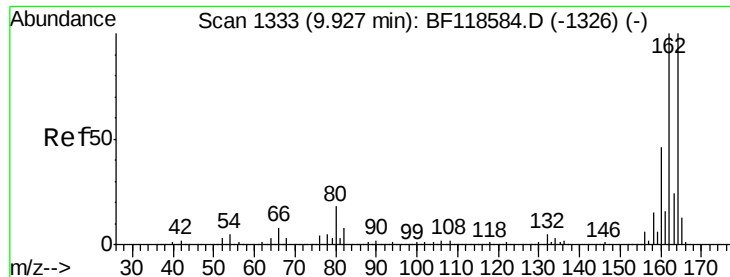
#23
Nitrobenzene-d5
Concen: 66.132 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt	Ion: 82	Resp: 1325651	
Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.2	57.2
54	44.5	36.1	54.1



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: 9.86 min Scan# 1322

Delta R.T. -0.04 min

Lab File: BF118785.D

Acq: 31 Jan 2020 16:45

Instrument :

BNA_F

ClientSampleId :

200059

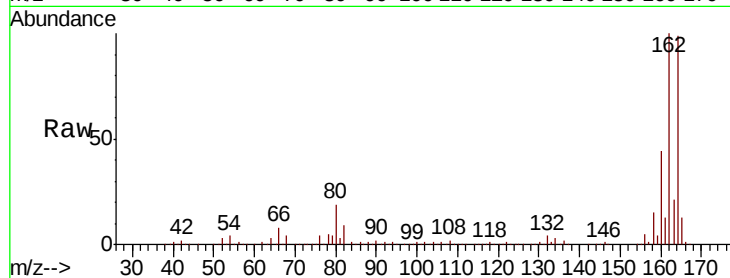
Tot Ion:164 Resp: 612707

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

160 44.0 35.4 53.0

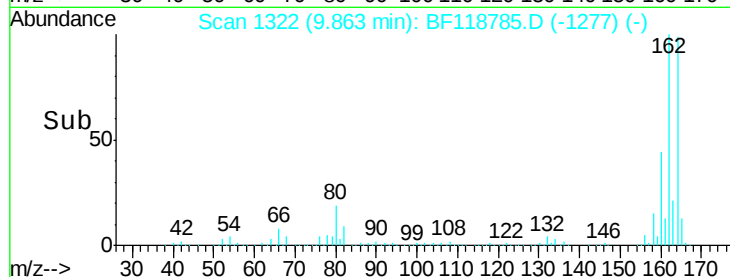


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

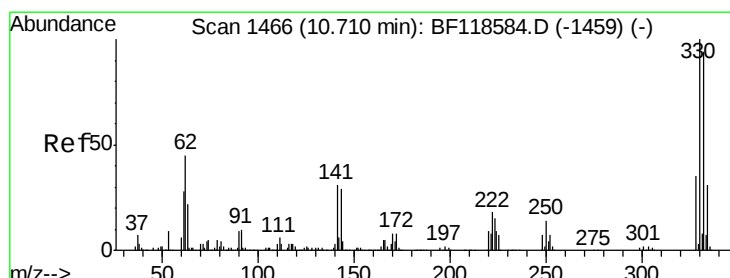
Ion 160.00 (159.70 to 160.70): E

Time-->



9.86

Time-->



#42

2,4,6-Tribromophenol

Concen: 97.816 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.04 min

Lab File: BF118785.D

Acq: 31 Jan 2020 16:45

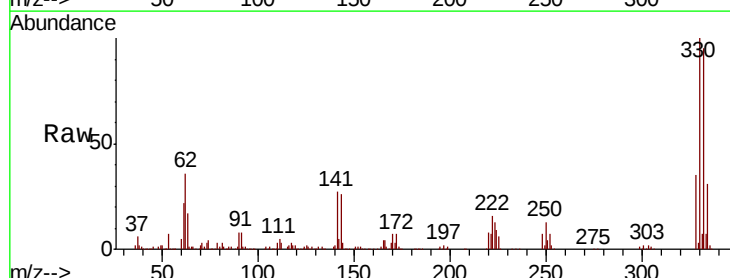
Tgt Ion:330 Resp: 693196

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 27.8 22.2 33.2

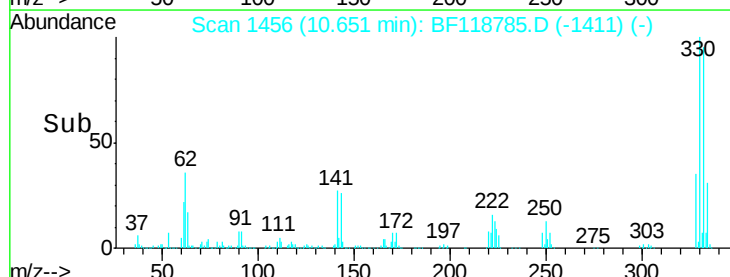


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

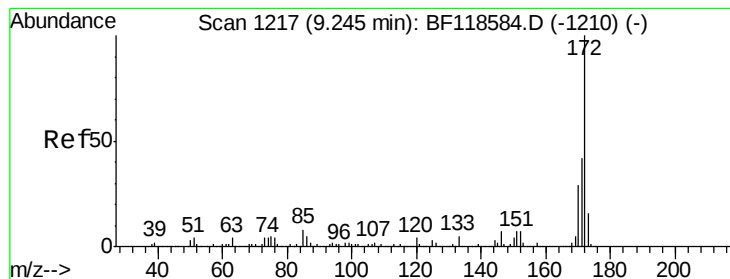
Ion 141.00 (140.70 to 141.70): E

Time-->



10.65

Time-->



#45

2-Fluorobiphenyl

Concen: 59.730 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.04 min

Lab File: BF118785.D

Acq: 31 Jan 2020 16:45

Instrument :

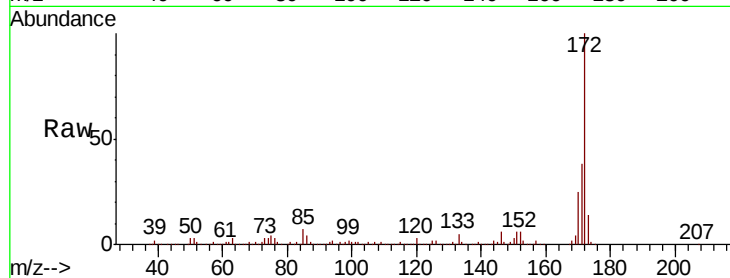
BNA_F

ClientSampleId :

200059

Tot Ion:172 Resp: 2226598

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	25.0	20.7	31.1

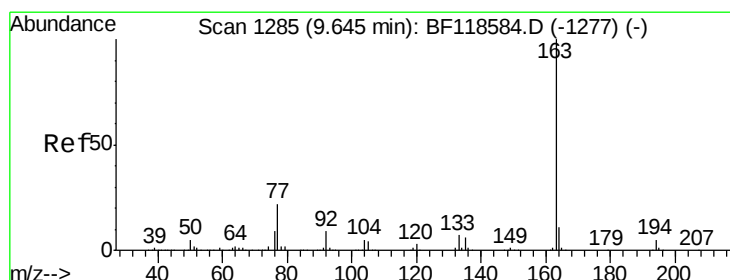
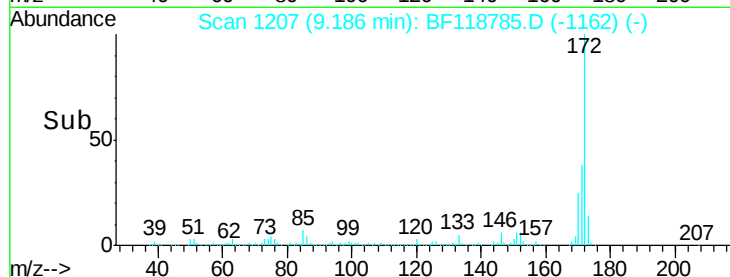
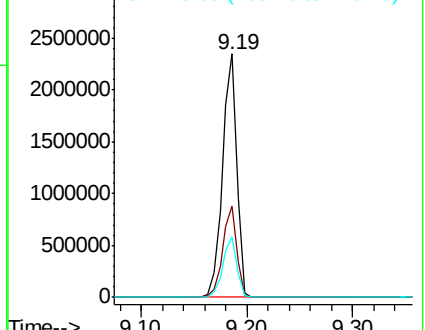


Abundance

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: 9.096 ng

RT: 9.57 min Scan# 1273

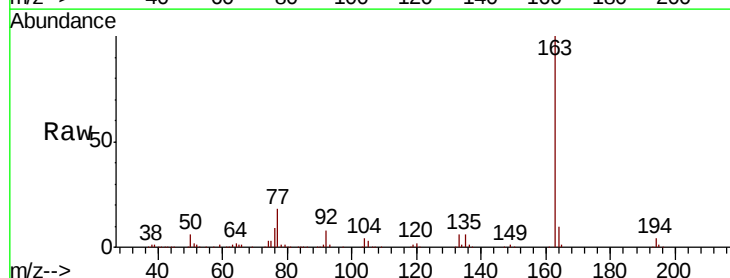
Delta R.T. -0.05 min

Lab File: BF118785.D

Acq: 31 Jan 2020 16:45

Tgt Ion:163 Resp: 363082

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.1	8.2	12.2

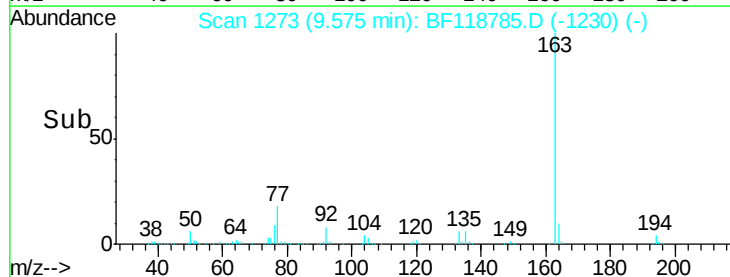
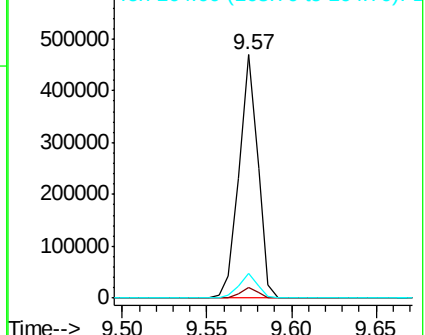


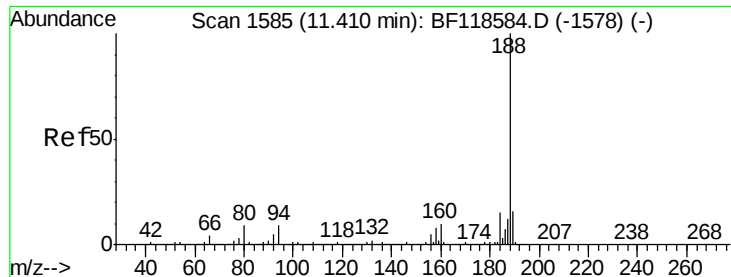
Abundance

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

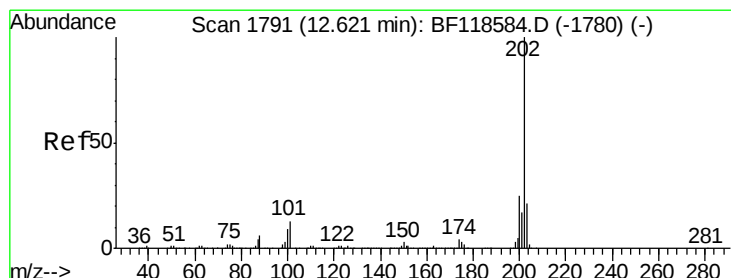
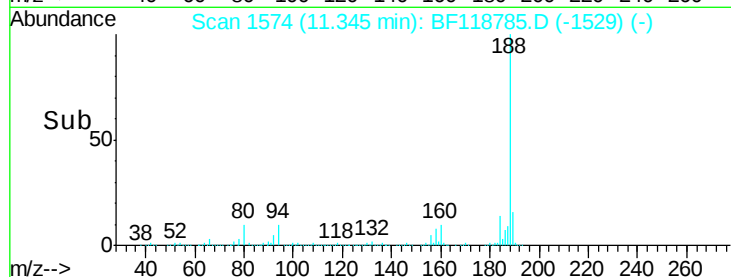
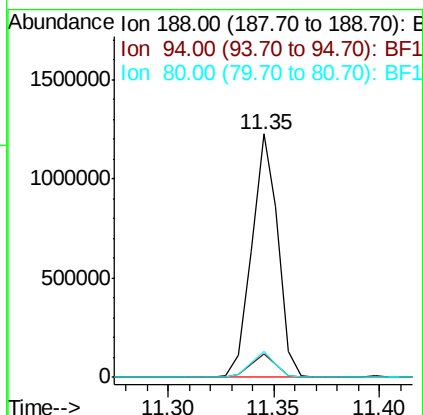
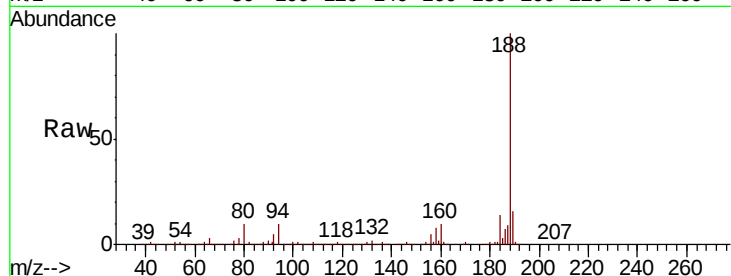




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

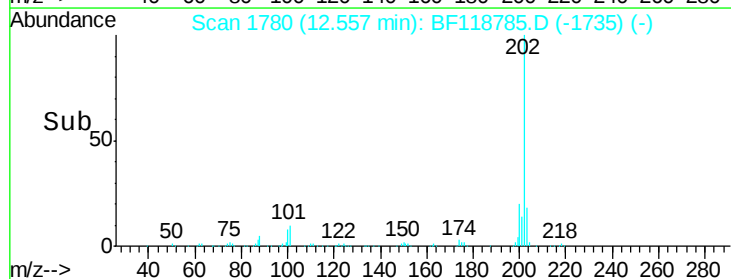
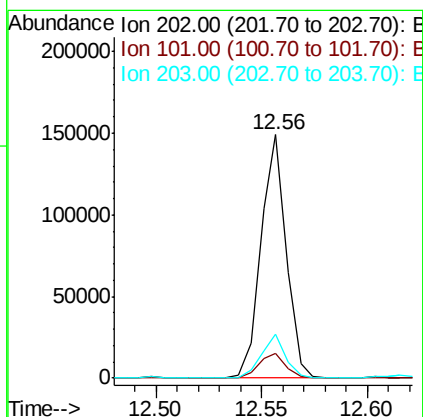
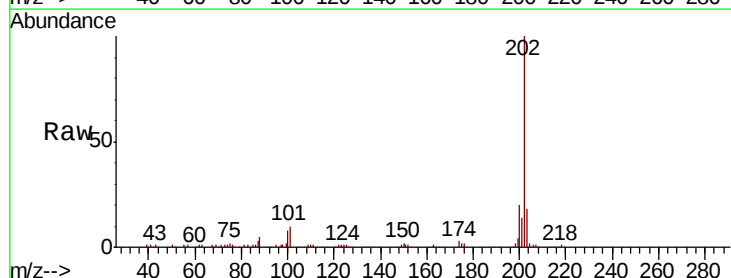
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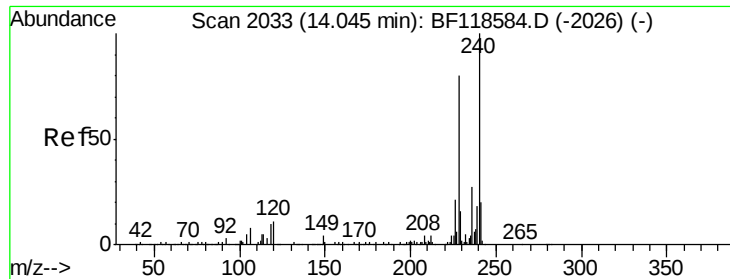
Tot Ion:188 Resp: 1052205
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.4 7.8 11.8



#75
Fluoranthene
Concen: 2.310 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion:202 Resp: 123653
Ion Ratio Lower Upper
202 100
101 10.3 0.0 32.1
203 17.9 0.0 38.9

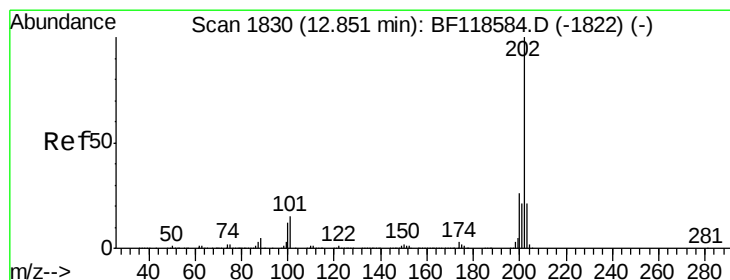
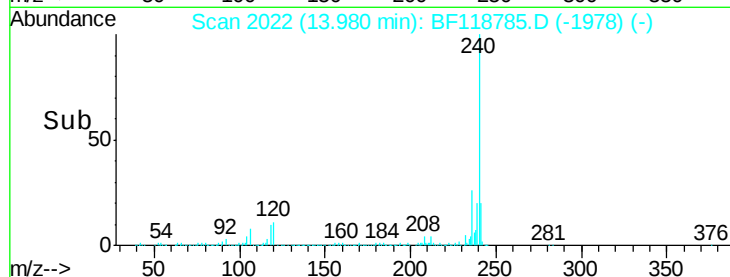
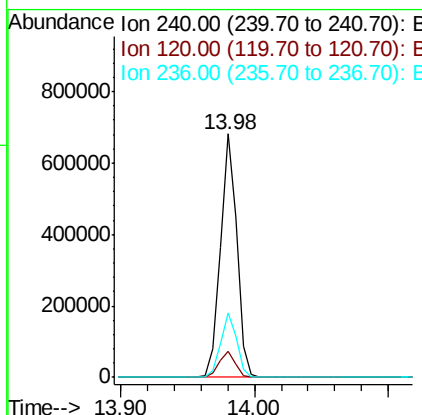
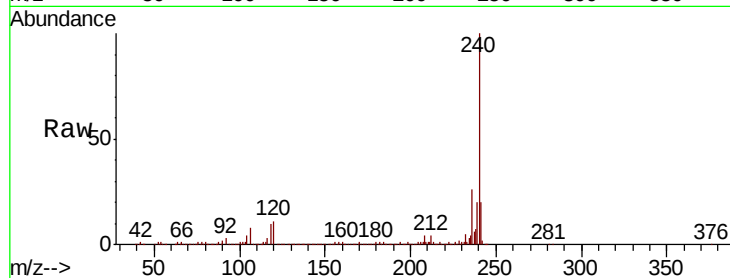




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

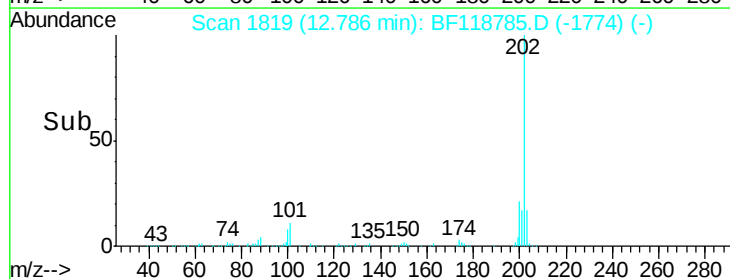
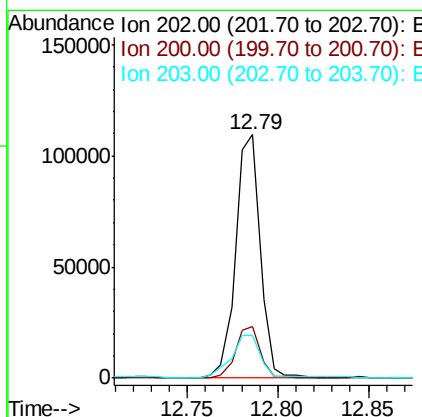
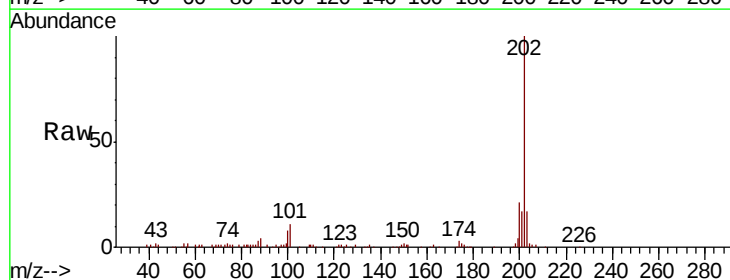
Instrument :
BNA_F
ClientSampleId :
200059

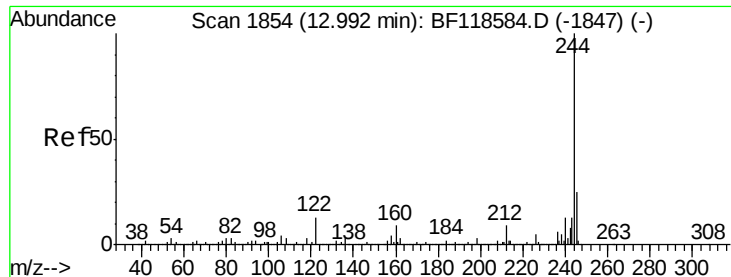
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.6	11.4
236	26.4	21.0	31.4



#78
Pyrene
Concen: 2.586 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.04 min
Lab File: BF118785.D
Acq: 31 Jan 2020 16:45

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.1	27.1
203	17.4	15.2	22.8





#79

Terphenyl-d14

Concen: 79.439 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.03 min

Lab File: BF118785.D

Acq: 31 Jan 2020 16:45

Instrument :

BNA_F

ClientSampleId :

200059

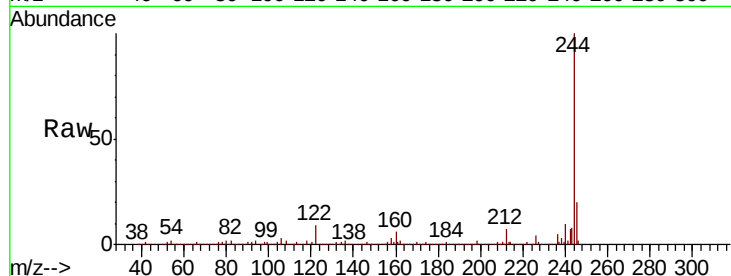
Tot Ion:244 Resp: 2163252

Ion Ratio Lower Upper

244 100

212 6.7 6.3 9.5

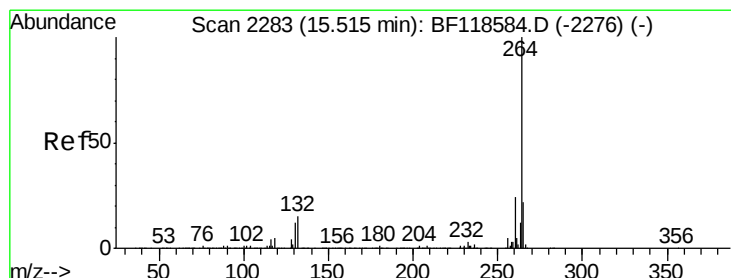
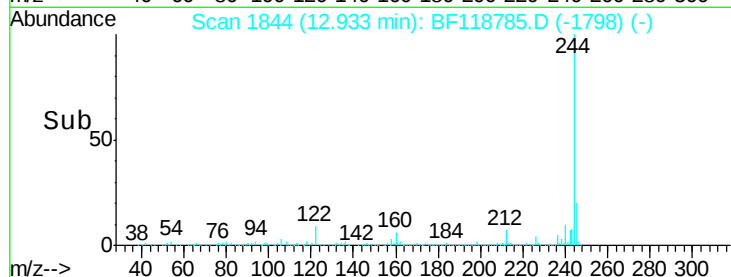
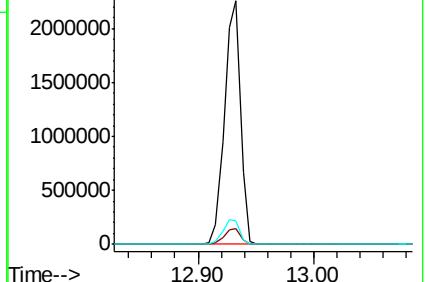
122 9.4 9.2 13.8



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: 15.43 min Scan# 2269

Delta R.T. -0.05 min

Lab File: BF118785.D

Acq: 31 Jan 2020 16:45

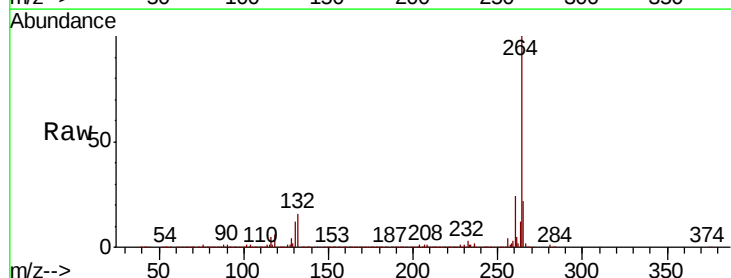
Tgt Ion:264 Resp: 687430

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.8 17.0 25.6



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

