

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118534.D
 Acq On : 13 Jan 2020 16:51
 Operator : JU
 Sample : L1106-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52

Quant Time: Jan 14 11:18:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 11:02:16 2020
 Response via : Initial Calibration

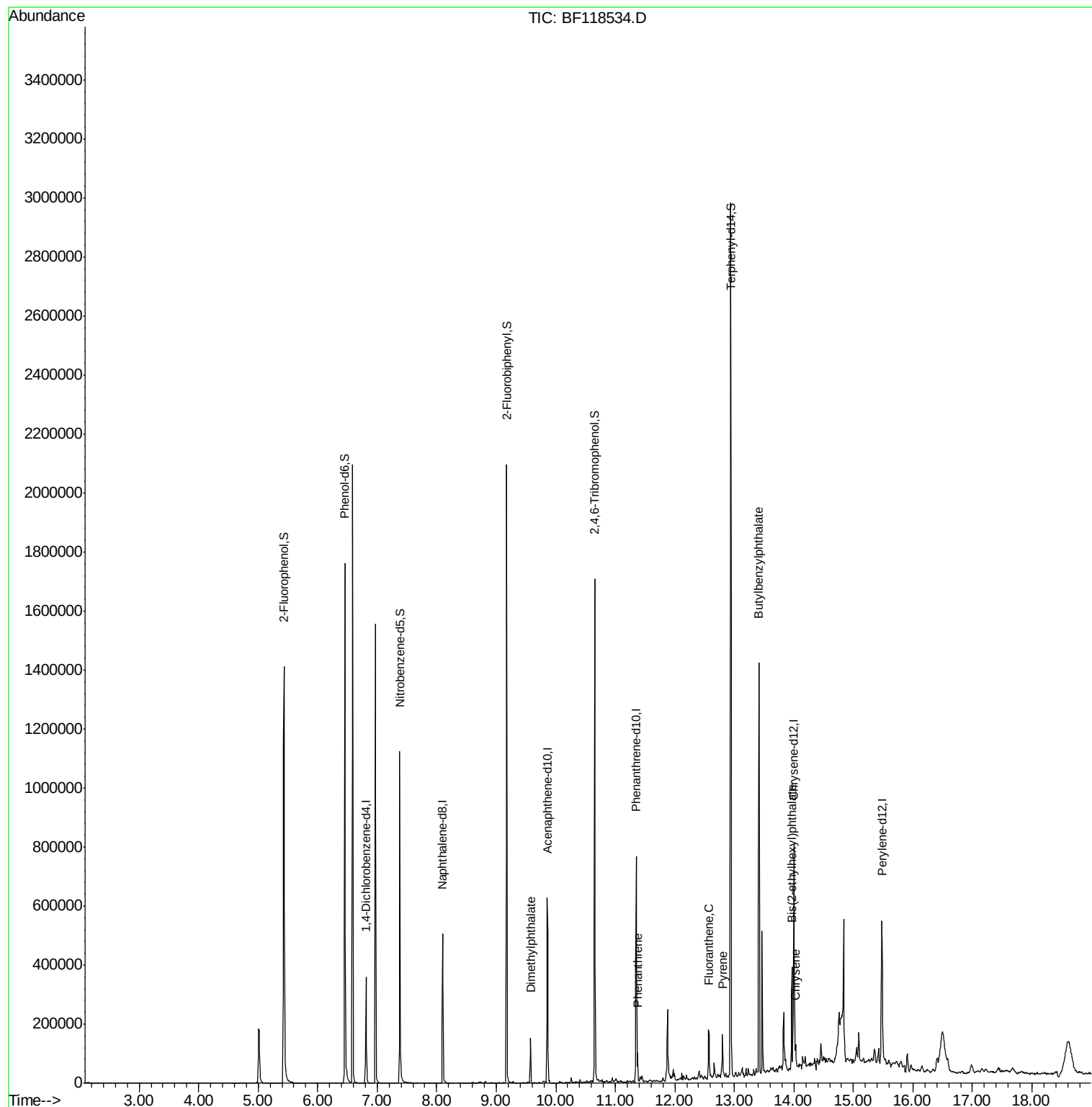
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	55285	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	219410	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	120137	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	252512	20.00	ng	0.00
76) Chrysene-d12	14.00	240	212272	20.00	ng	-0.01
87) Perylene-d12	15.48	264	194746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	416495	124.36	ng	0.00
7) Phenol-d6	6.46	99	549578	137.26	ng	0.00
23) Nitrobenzene-d5	7.38	82	336601	80.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	204289	144.11	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	626870	74.84	ng	-0.01
79) Terphenyl-d14	12.94	244	899565	67.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	53932	5.849	ng	98
71) Phenanthrene	11.37	178	33866	2.394	ng	100
75) Fluoranthene	12.57	202	60498	4.208	ng	98
78) Pyrene	12.80	202	63752	3.650	ng	97
80) Butylbenzylphthalate	13.42	149	330373	41.305	ng	90
83) Chrysene	14.03	228	30064	2.082	ng	97
84) Bis(2-ethylhexyl)phthalate	13.97	149	94817	8.731	ng	100

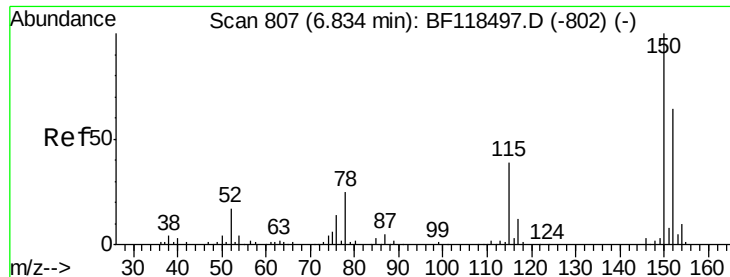
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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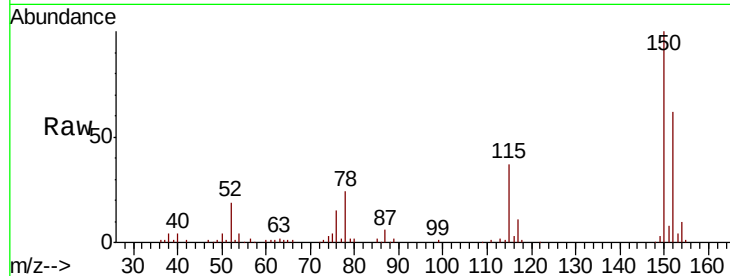


#1

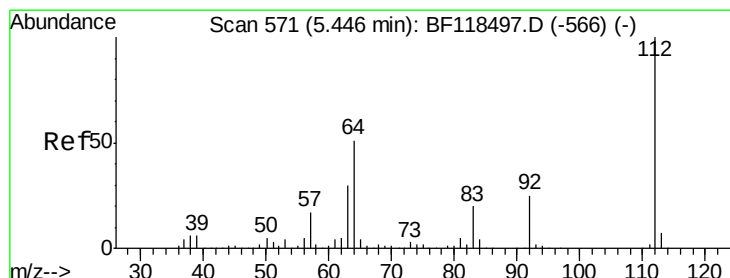
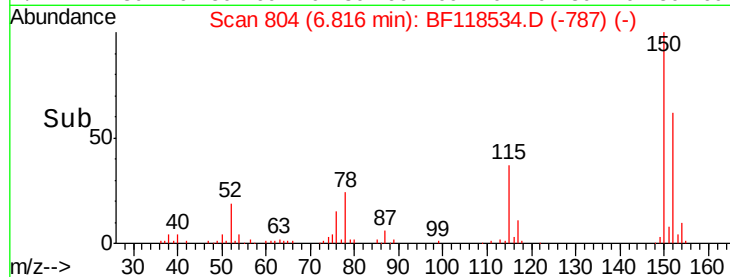
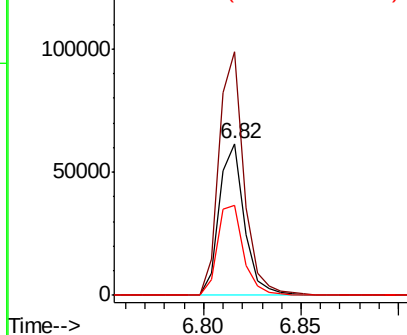
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF118534.D
 Acq: 13 Jan 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52

Tot Ion:152 Resp: 55285
 Ion Ratio Lower Upper
 152 100
 150 160.7 125.4 188.0
 115 59.3 53.2 79.8



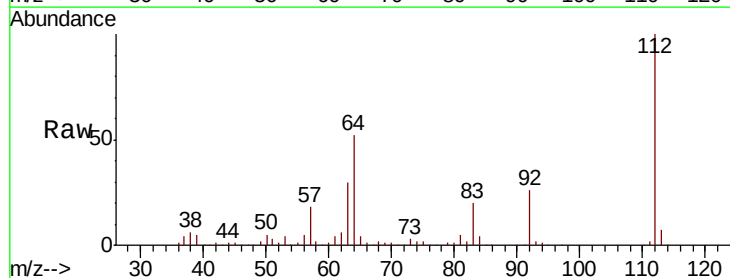
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



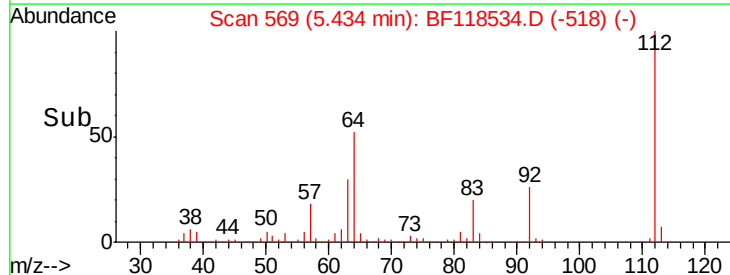
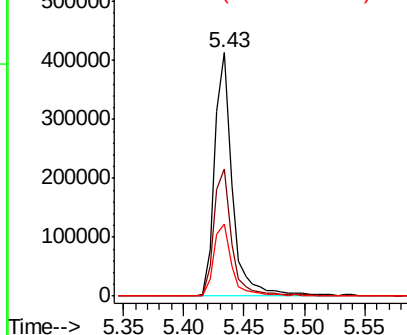
#5

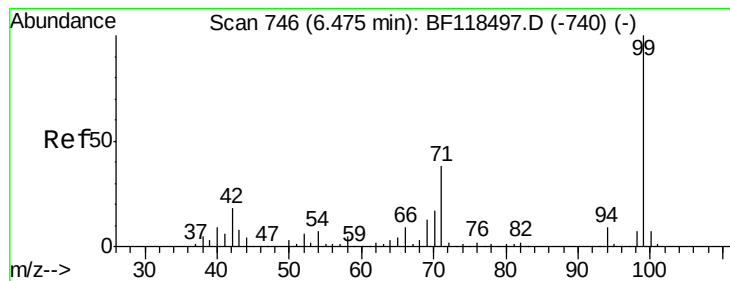
2-Fluorophenol
 Concen: 124.361 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF118534.D
 Acq: 13 Jan 2020 16:51

Tgt Ion:112 Resp: 416495
 Ion Ratio Lower Upper
 112 100
 64 52.1 43.4 65.0
 63 29.8 25.5 38.3



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: 137.256 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF118534.D

Acq: 13 Jan 2020 16:51

Instrument :

BNA_F

ClientSampleId :

CIY1-SB-01-0-52

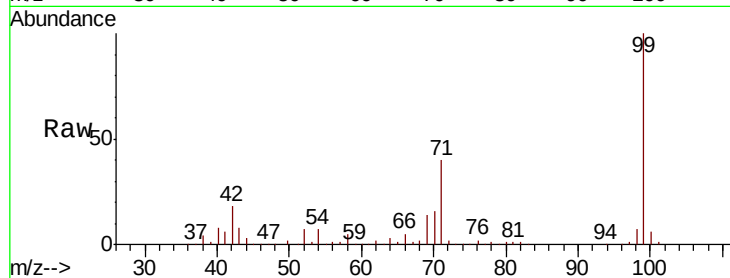
Tot Ion: 99 Resp: 549578

Ion Ratio Lower Upper

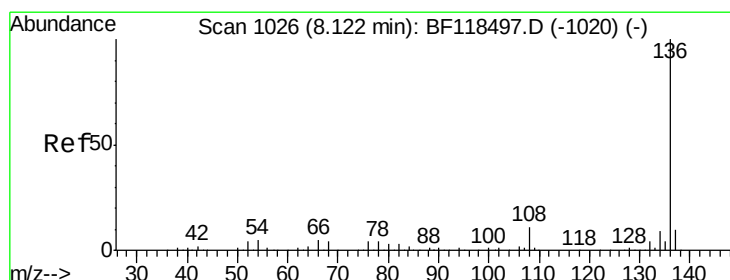
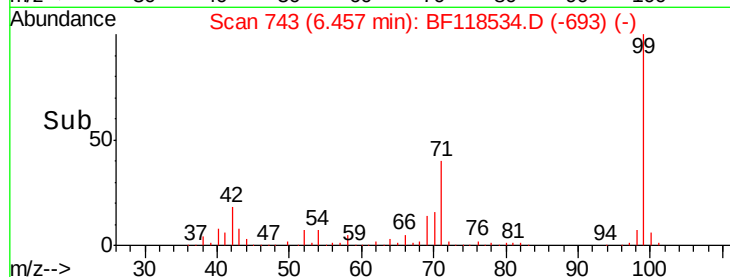
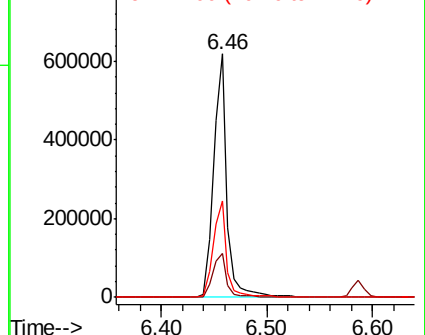
99 100

42 18.2 15.0 22.4

71 39.8 31.4 47.0



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118534.D

Acq: 13 Jan 2020 16:51

Tgt Ion: 136 Resp: 219410

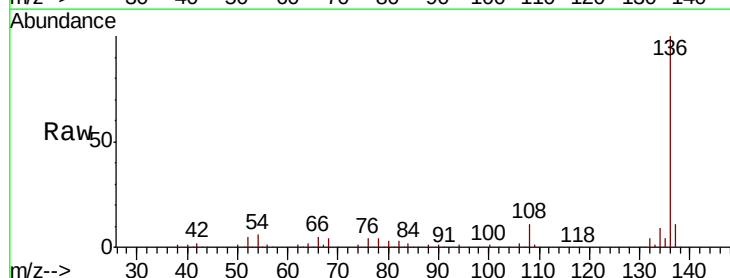
Ion Ratio Lower Upper

136 100

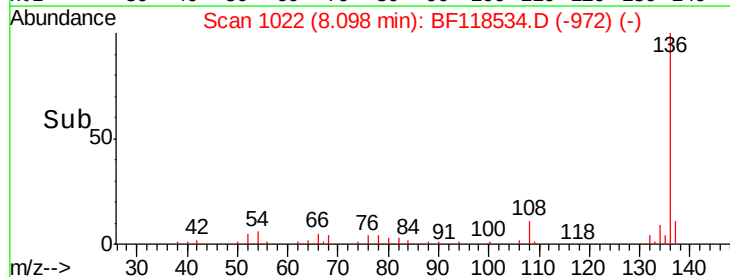
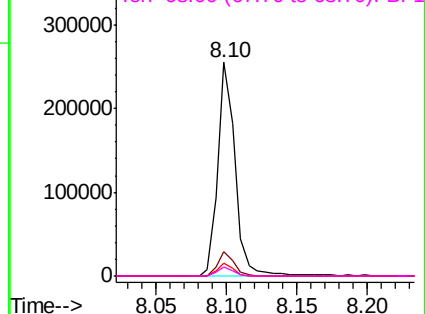
137 11.1 8.5 12.7

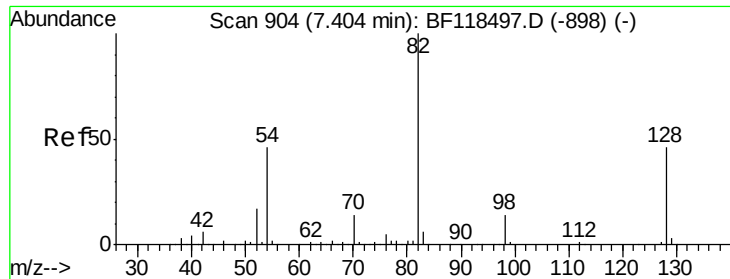
54 5.7 4.8 7.2

68 4.3 3.7 5.5



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

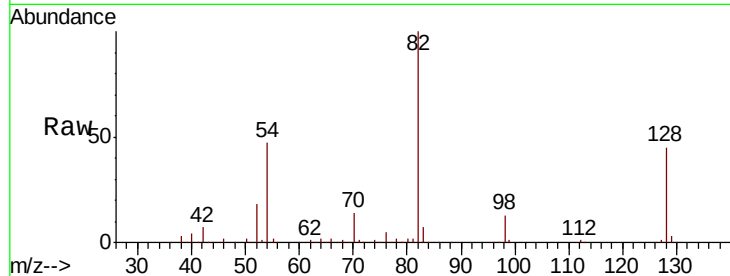




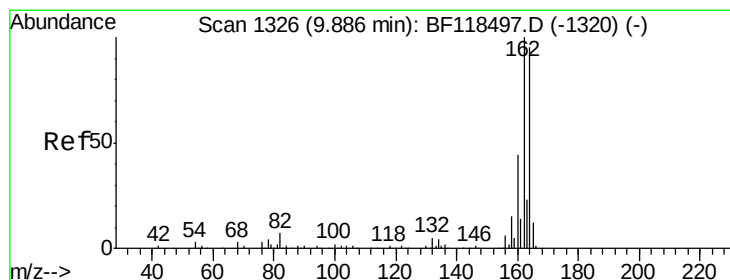
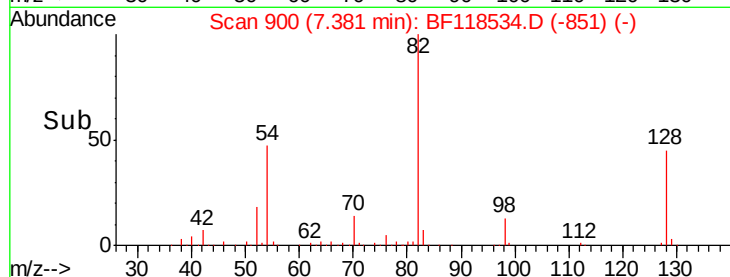
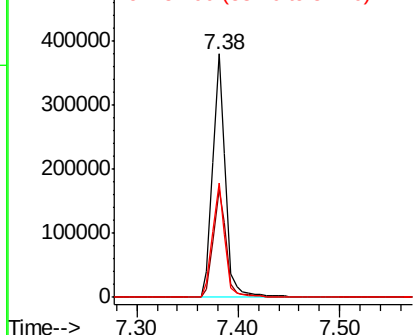
#23
Nitrobenzene-d5
Concen: 80.589 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118534.D
Acq: 13 Jan 2020 16:51

Instrument :
BNA_F
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CIY1-SB-01-0-52

Tot Ion: 82 Resp: 336601
Ion Ratio Lower Upper
82 100
128 44.5 36.6 54.8
54 47.1 38.2 57.2

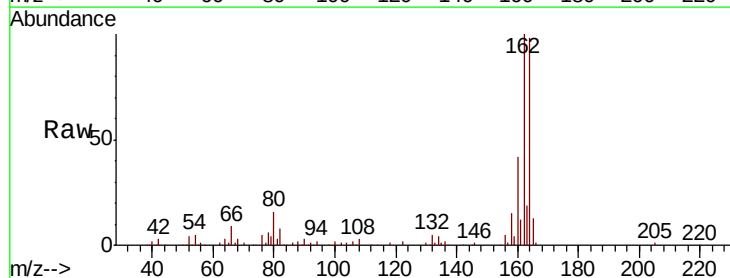


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

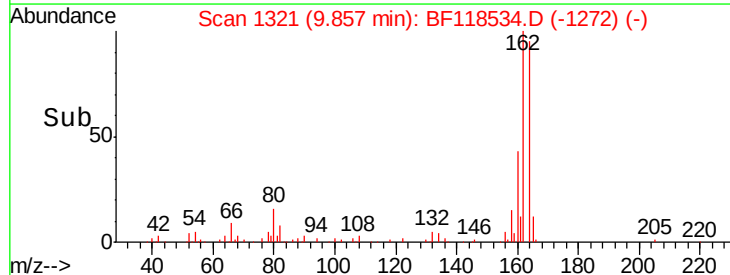
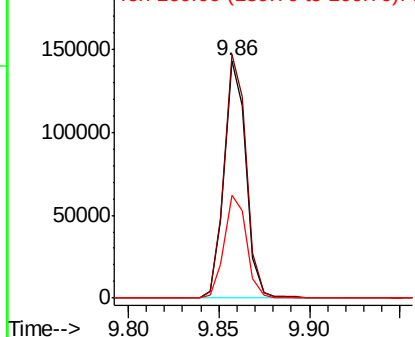


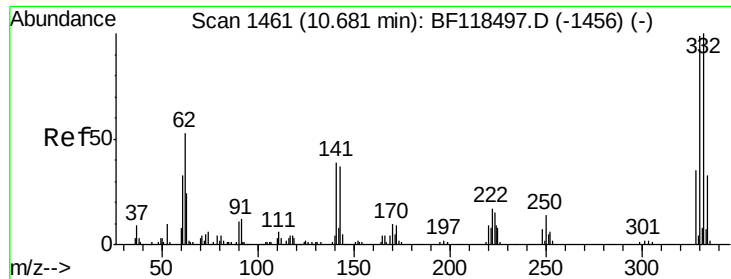
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118534.D
Acq: 13 Jan 2020 16:51

Tgt Ion:164 Resp: 120137
Ion Ratio Lower Upper
164 100
162 102.5 82.3 123.5
160 43.5 35.3 52.9



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: 144.110 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF118534.D

Acq: 13 Jan 2020 16:51

Instrument :

BNA_F

ClientSampleId :

CIY1-SB-01-0-52

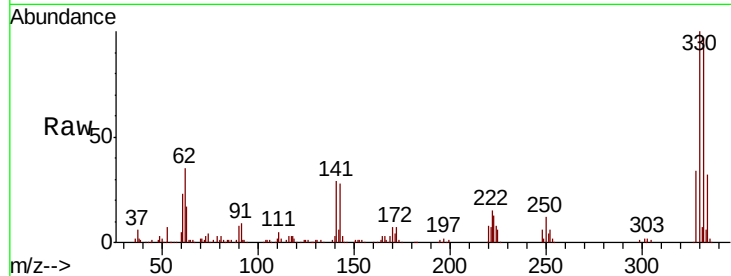
Tot Ion:330 Resp: 204289

Ion Ratio Lower Upper

330 100

332 97.0 75.5 113.3

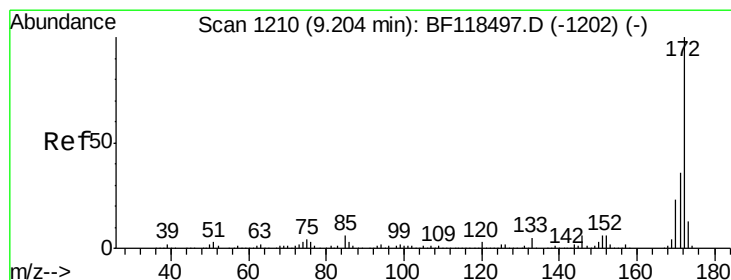
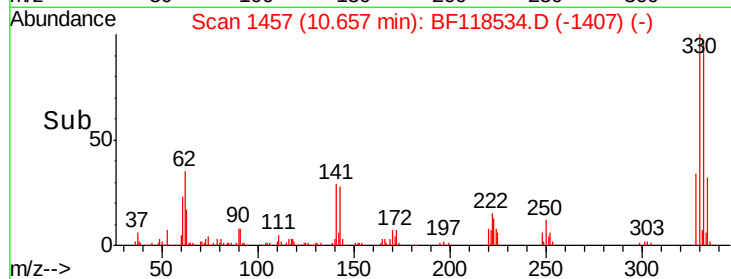
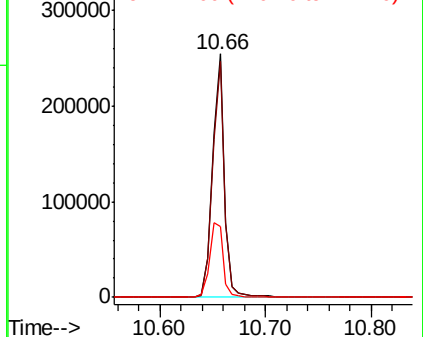
141 35.1 27.8 41.6



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: 74.836 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF118534.D

Acq: 13 Jan 2020 16:51

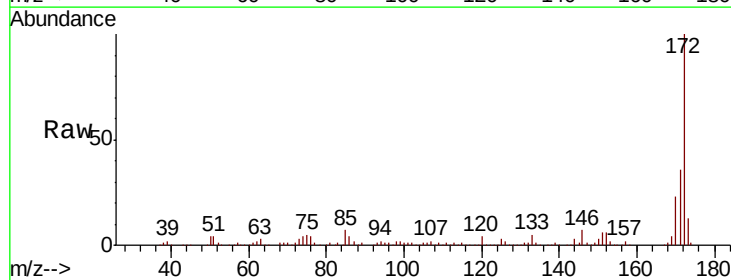
Tgt Ion:172 Resp: 626870

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

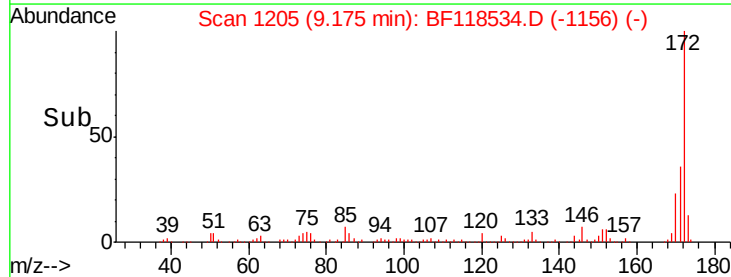
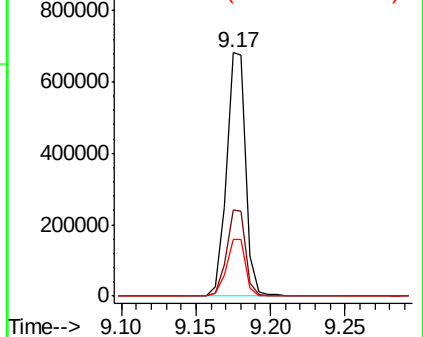
170 23.0 19.0 28.4

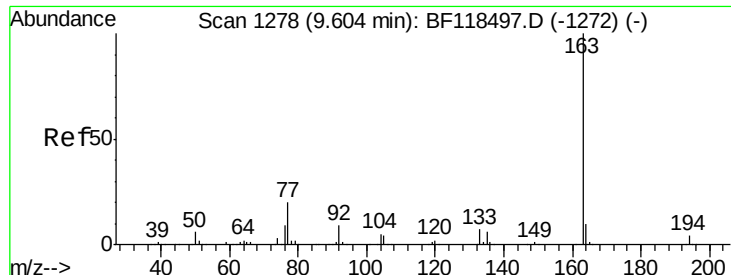


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

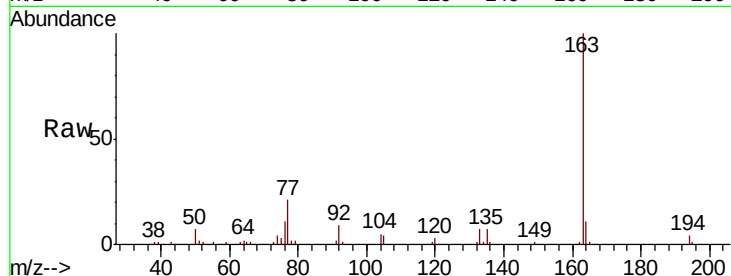




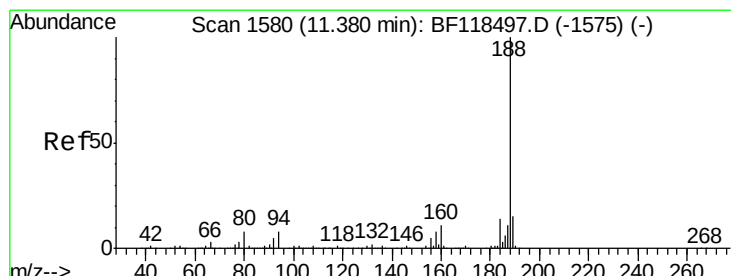
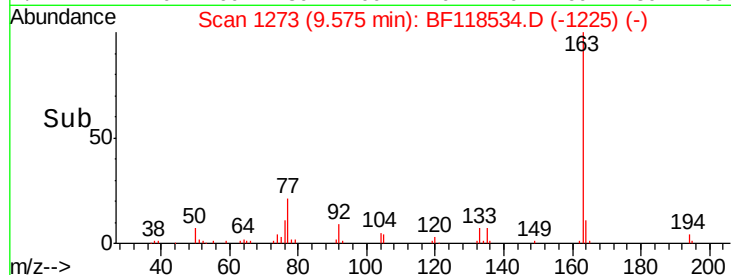
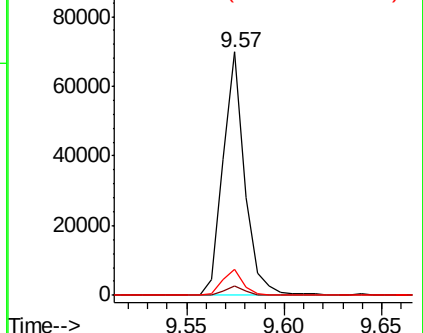
#50
Dimethylphthalate
Concen: 5.849 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF118534.D
Acq: 13 Jan 2020 16:51

Instrument :
BNA_F
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CIY1-SB-01-0-52

Tot Ion:163 Resp: 53932
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.8 8.0 12.0

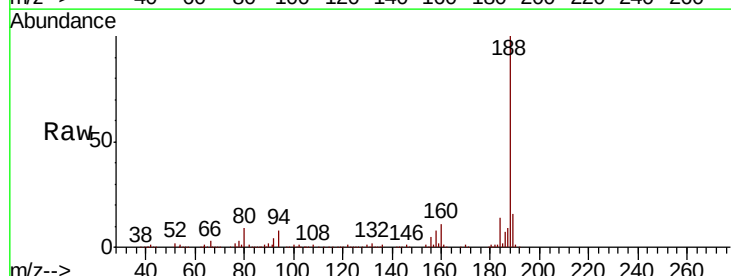


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

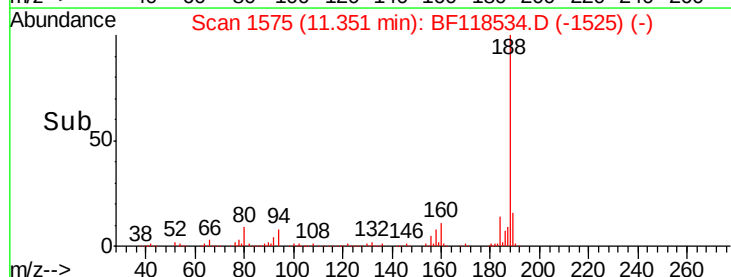
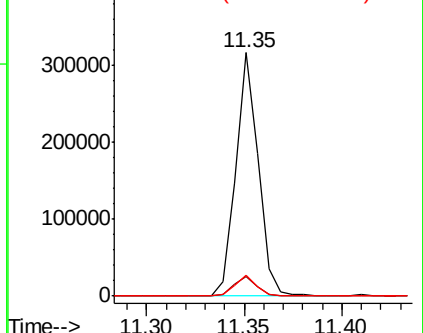


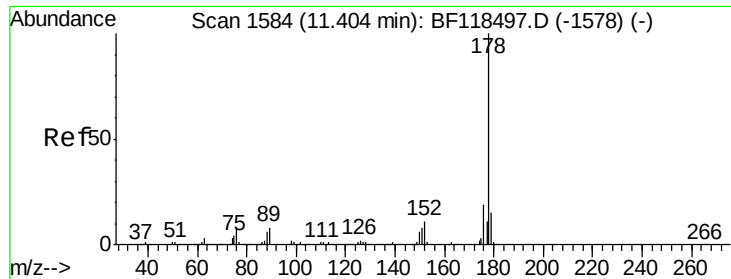
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF118534.D
Acq: 13 Jan 2020 16:51

Tgt Ion:188 Resp: 252512
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 8.7 6.8 10.2



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

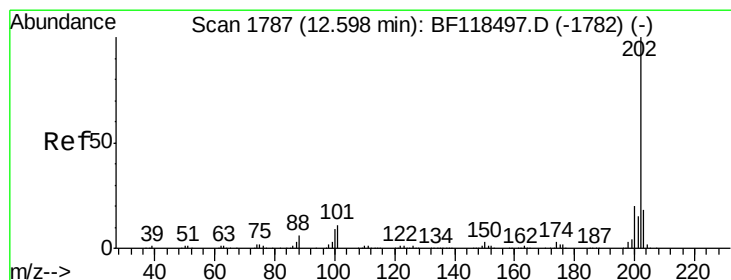
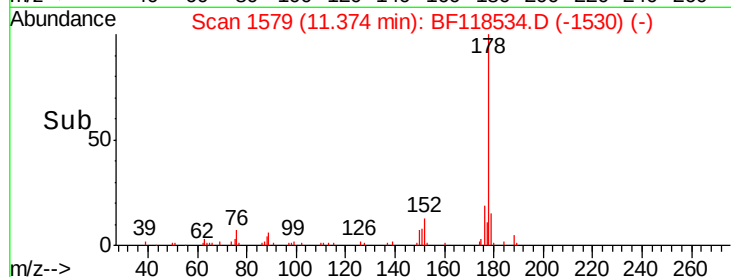
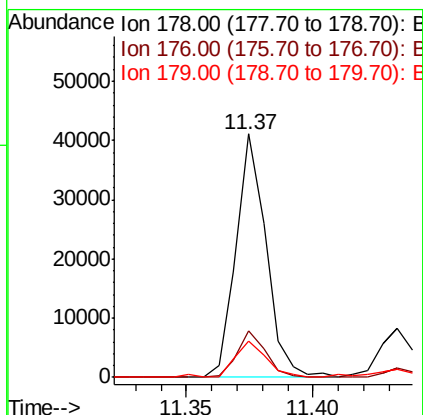
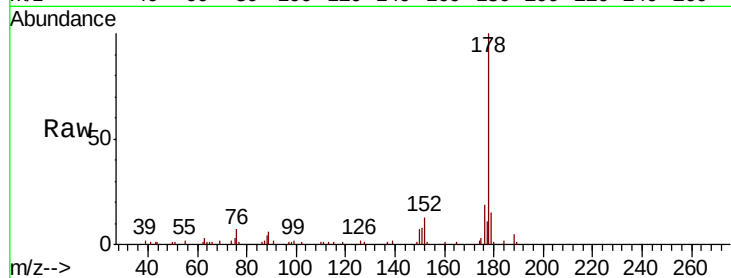




#71
Phenanthrene
Concen: 2.394 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF118534.D
Acq: 13 Jan 2020 16:51

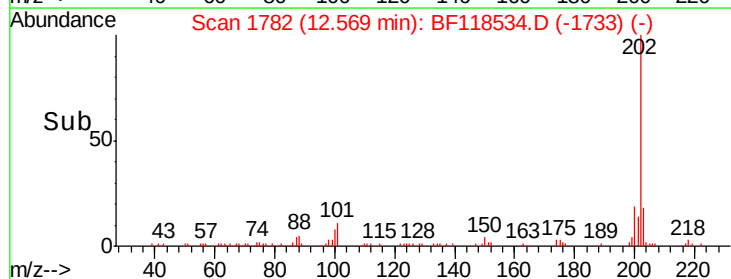
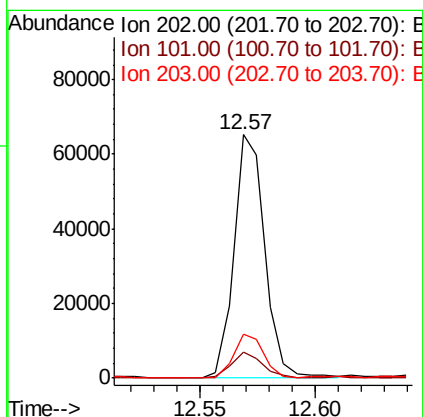
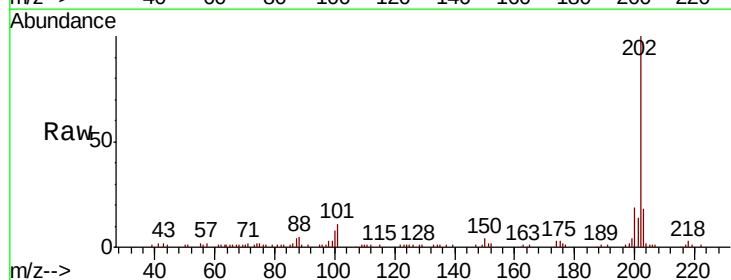
Instrument :
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CIY1-SB-01-0-52

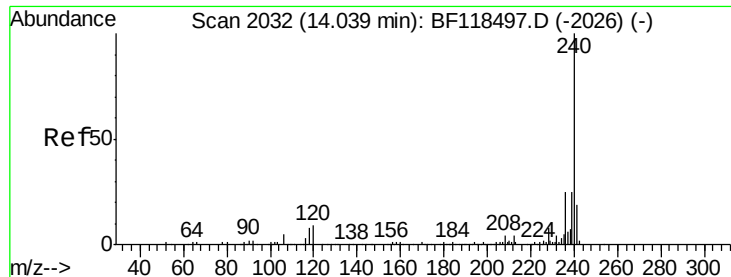
Tot Ion:178 Resp: 33866
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.1 12.2 18.2



#75
Fluoranthene
Concen: 4.208 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF118534.D
Acq: 13 Jan 2020 16:51

Tgt Ion:202 Resp: 60498
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.7
203 18.2 0.0 37.2

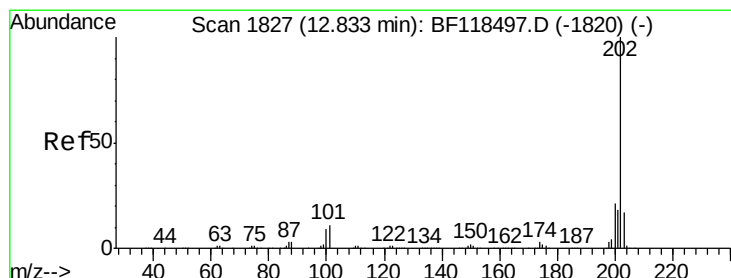
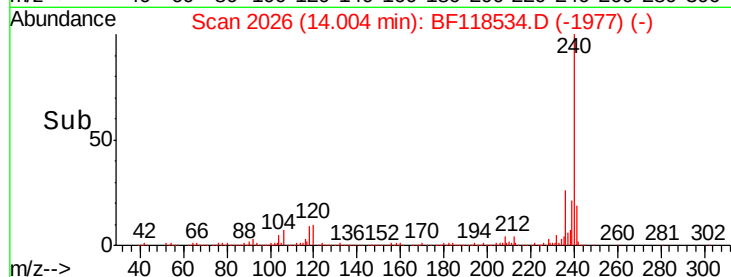
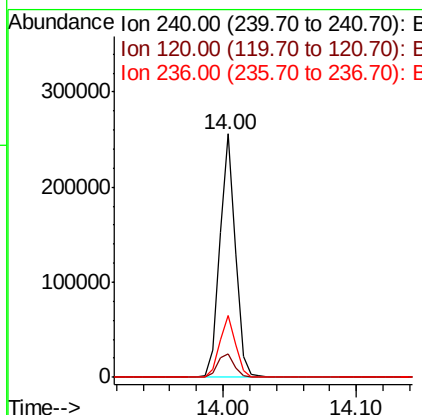
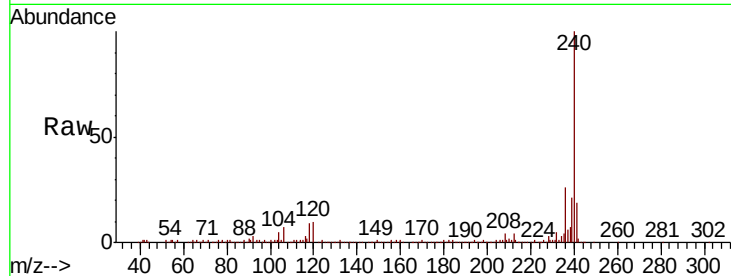




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118534.D
Acq: 13 Jan 2020 16:51

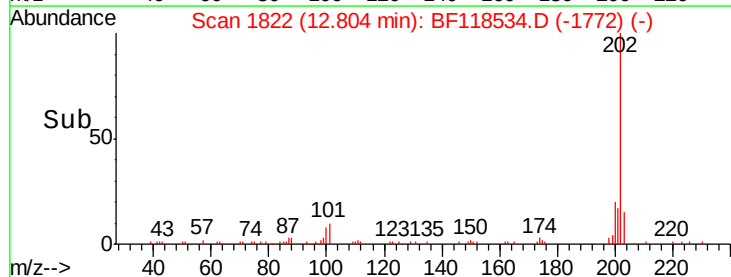
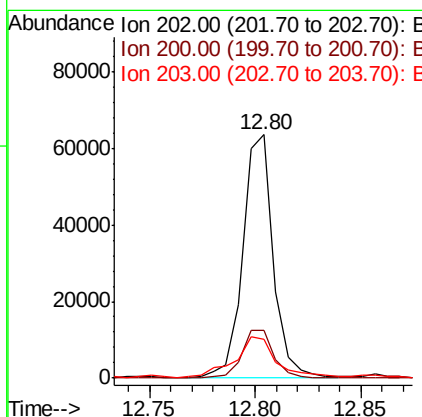
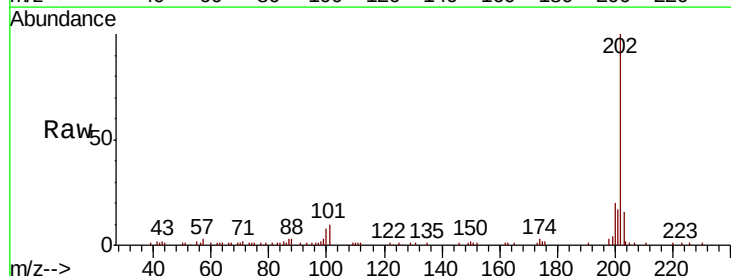
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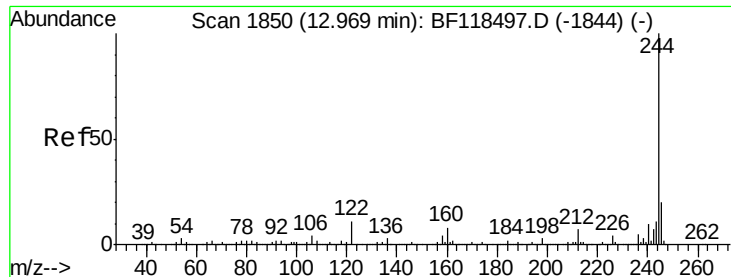
Tot Ion:240 Resp: 212272
Ion Ratio Lower Upper
240 100
120 9.6 6.9 10.3
236 25.5 20.6 30.8



#78
Pyrene
Concen: 3.650 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF118534.D
Acq: 13 Jan 2020 16:51

Tgt Ion:202 Resp: 63752
Ion Ratio Lower Upper
202 100
200 19.8 17.0 25.4
203 16.1 13.8 20.8

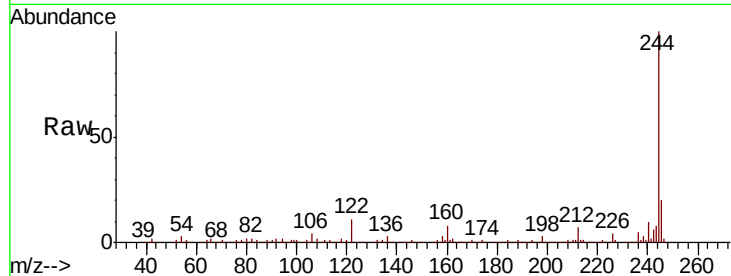




#79
 Terphenyl-d14
 Concen: 67.156 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF118534.D
 Acq: 13 Jan 2020 16:51

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	11.3	9.5	14.3

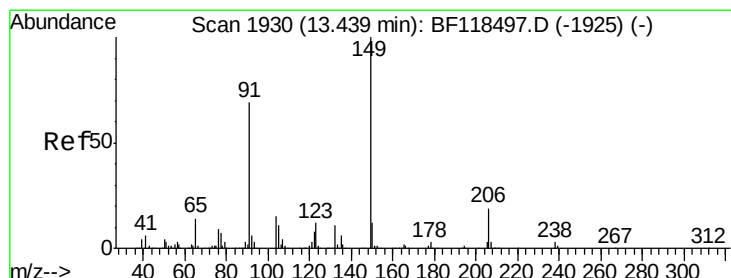
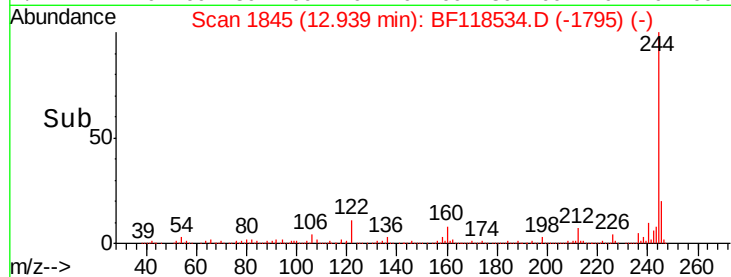
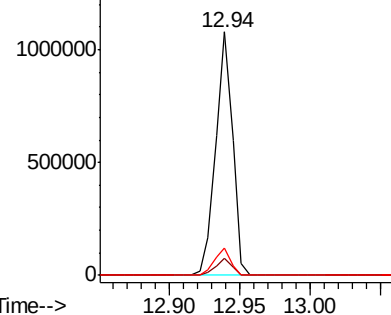


Abundance

Ion 244.00 (243.70 to 244.70): E

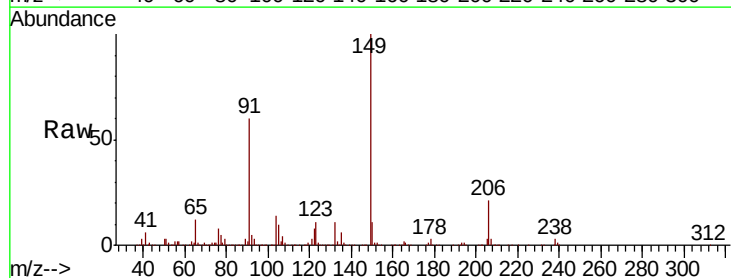
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 41.305 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. 0.00 min
 Lab File: BF118534.D
 Acq: 13 Jan 2020 16:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.3	55.5	83.3
206	20.6	15.1	22.7

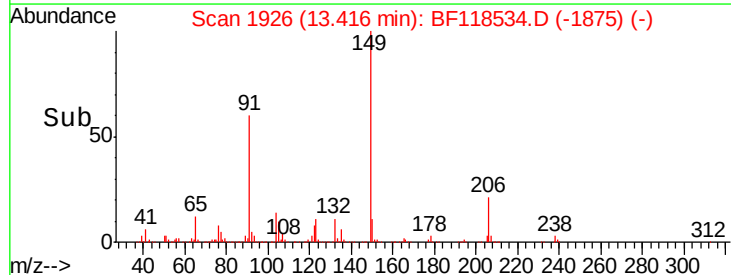
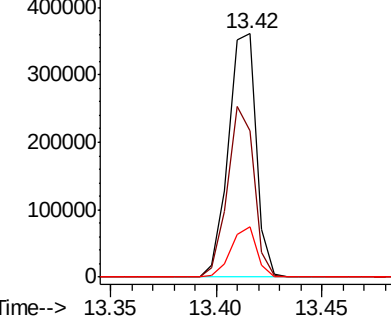


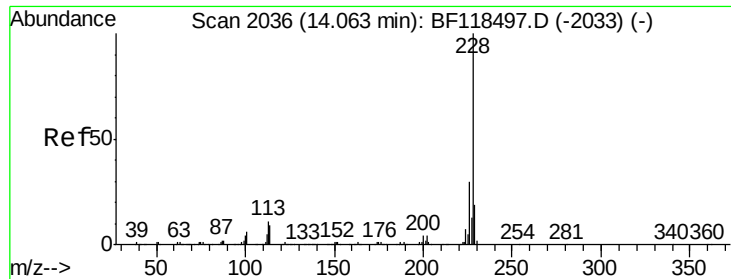
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

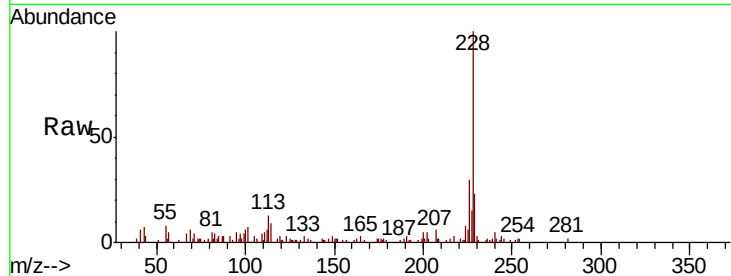




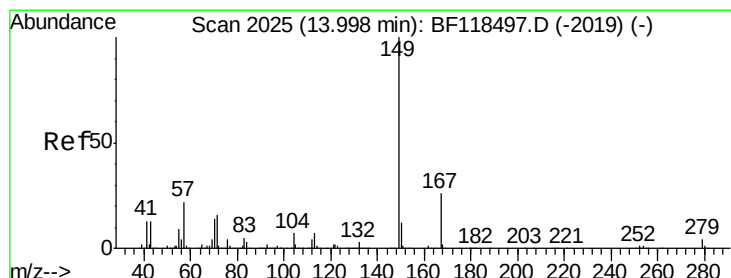
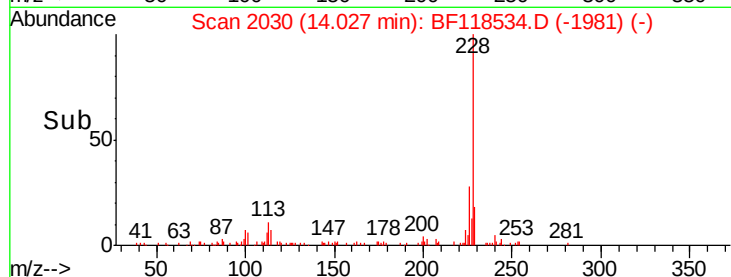
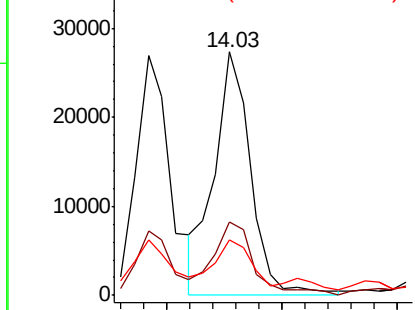
#83
Chrysene
Concen: 2.082 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118534.D
Acq: 13 Jan 2020 16:51

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52

Tot Ion:228 Resp: 30064
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 23.0 16.2 24.2

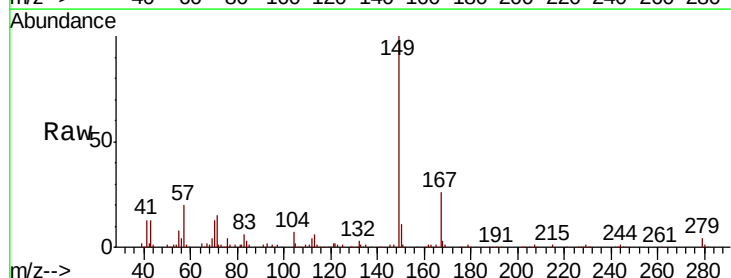


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

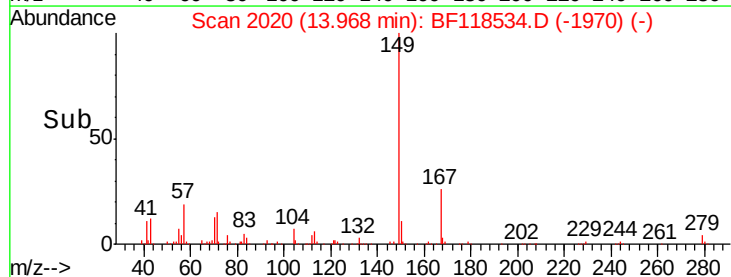
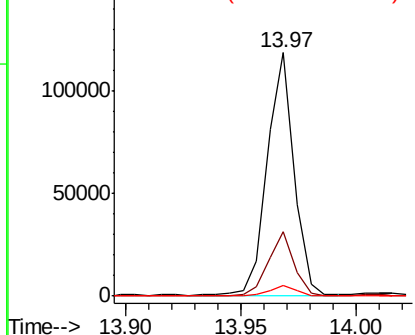


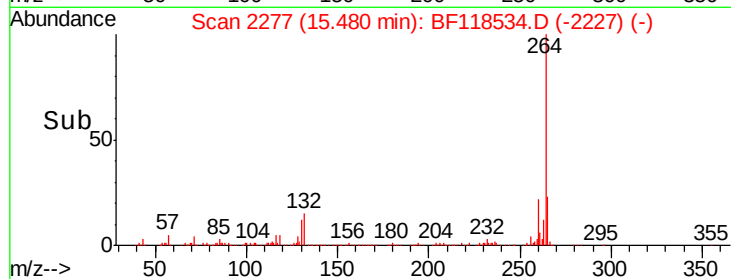
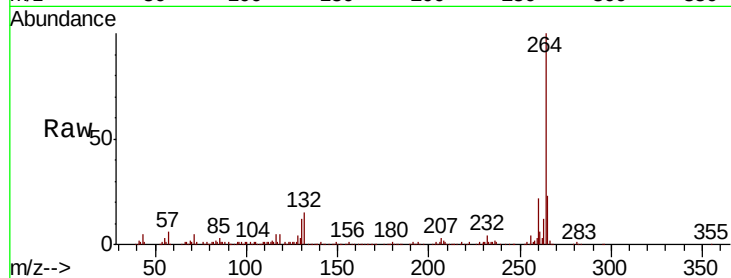
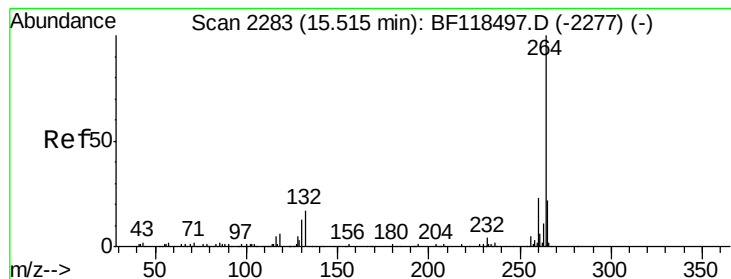
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.731 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118534.D
Acq: 13 Jan 2020 16:51

Tgt Ion:149 Resp: 94817
Ion Ratio Lower Upper
149 100
167 26.4 21.1 31.7
279 4.3 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BF118534.D

Acq: 13 Jan 2020 16:51

Instrument :

BNA_F

ClientSampleId :

CIY1-SB-01-0-52

Tot Ion: 264 Resp: 194746

Ion Ratio Lower Upper

264 100

260 22.1 18.7 28.1

265 23.0 17.6 26.4

