

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118758.D
 Acq On : 30 Jan 2020 18:25
 Operator : CG/JU
 Sample : L1313-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56

Manual Integrations
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 2/3/2020 7:57:04 AM

Quant Time: Jan 30 22:40:36 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	6.84	152	272990	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1030366	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	600207	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1167129	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	973757	20.00	ng	-0.02
87) Perylene-d12	15.46	264	950269	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1604750	109.18	ng	-0.02
7) Phenol-d6	6.47	99	1976196	103.44	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1300139	70.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	772918	111.34	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2490640	68.20	ng	-0.02
79) Terphenyl-d14	12.95	244	3286781	73.62	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	246118	6.294	ng	100
71) Phenanthrene	11.39	178	115535	2.052	ng	95
75) Fluoranthene	12.57	202	246847	4.157	ng	97
78) Pyrene	12.80	202	231977	3.509	ng	97
83) Chrysene	14.02	228	123513	2.200	ng	96
84) Bis(2-ethylhexyl)phthalate	13.99	149	90882	2.749	ng	100
88) Benzo(b)fluoranthene	15.03	252	145165m	2.430	ng	

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

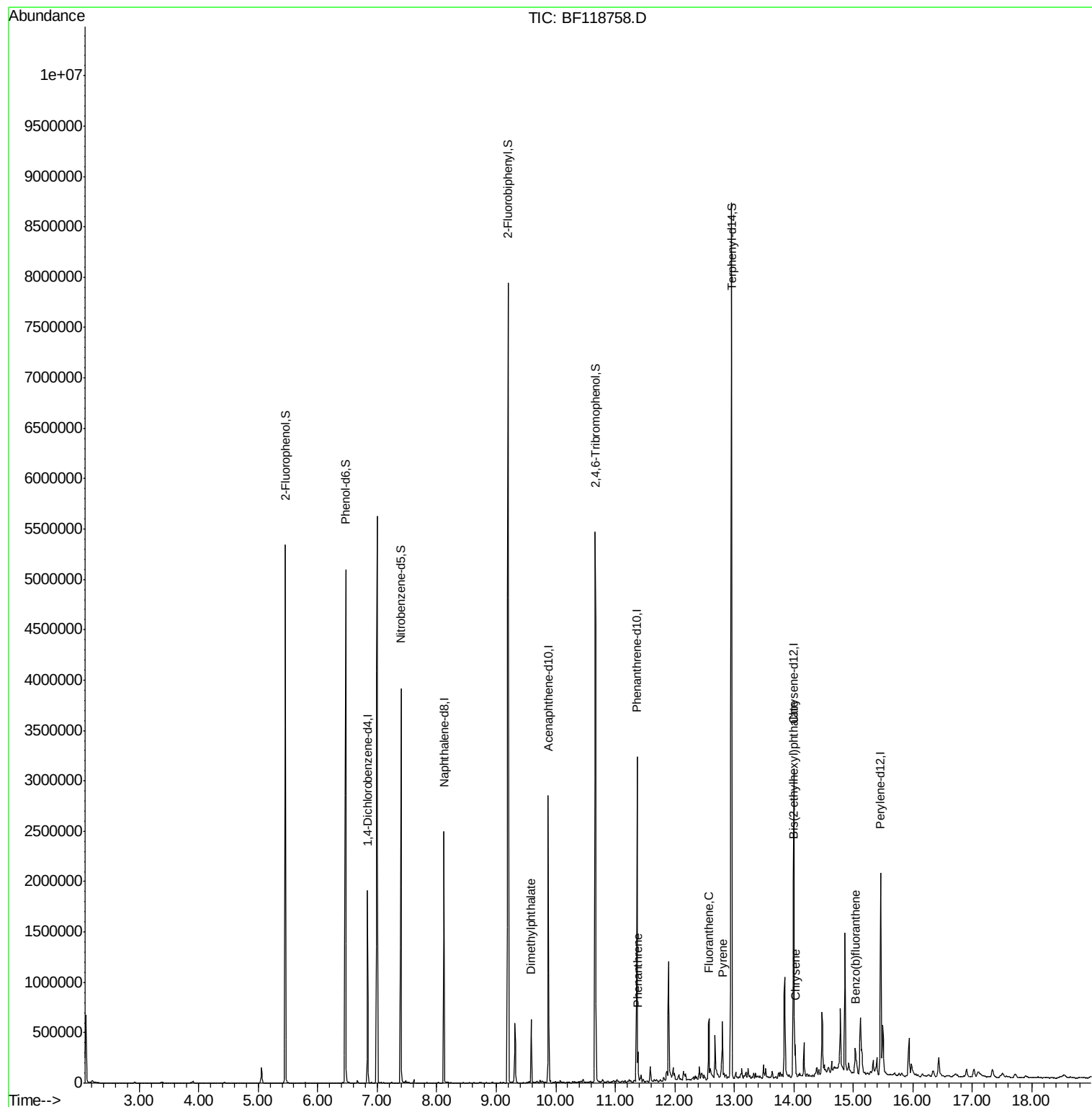
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118758.D
Acq On : 30 Jan 2020 18:25
Operator : CG/JU
Sample : L1313-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

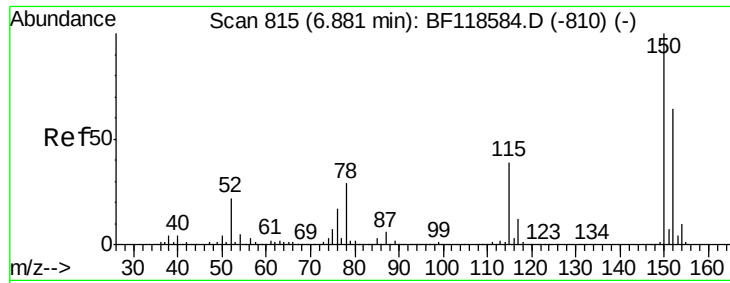
Instrument :
BNA_F
ClientSampleId :
RBR-56

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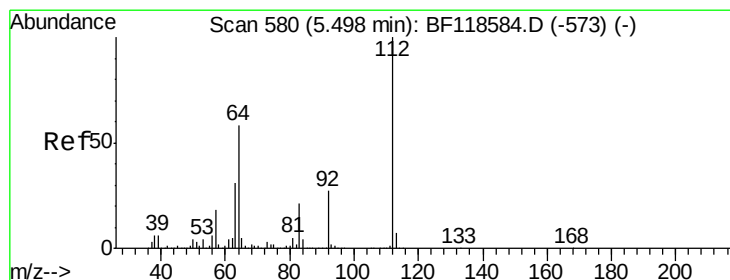
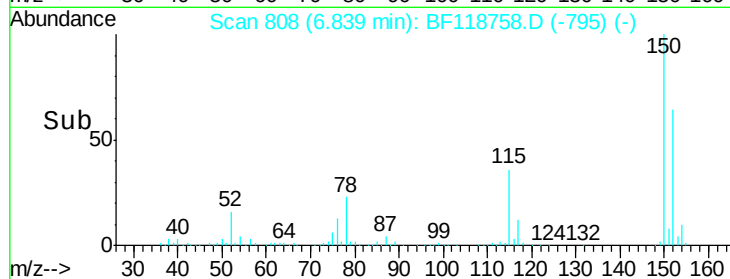
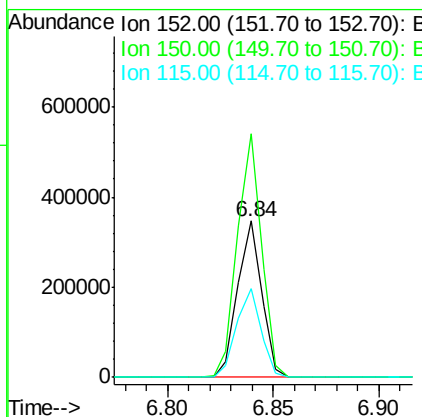
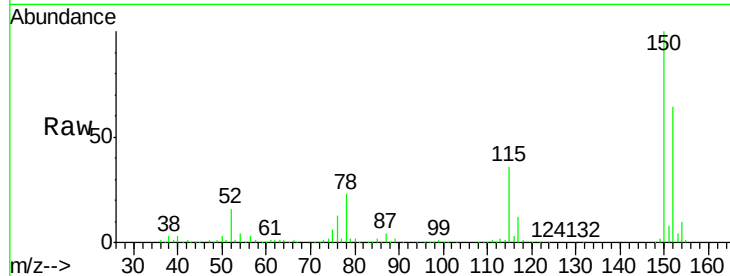
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.7	185.5
115	56.4	45.1	67.7

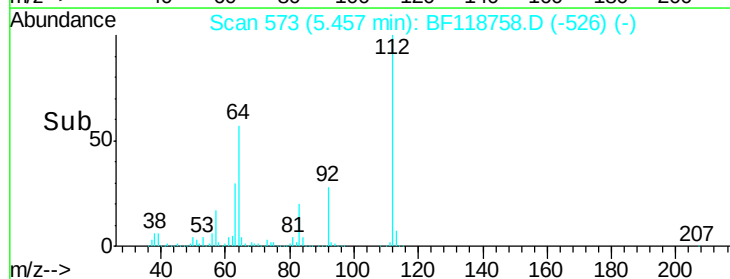
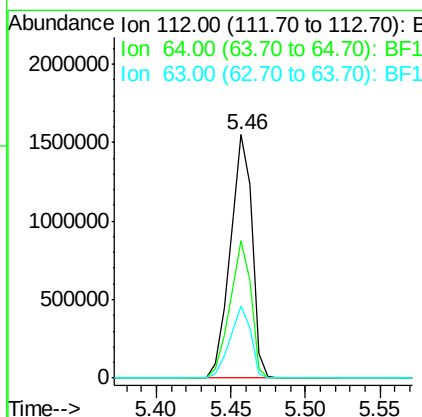
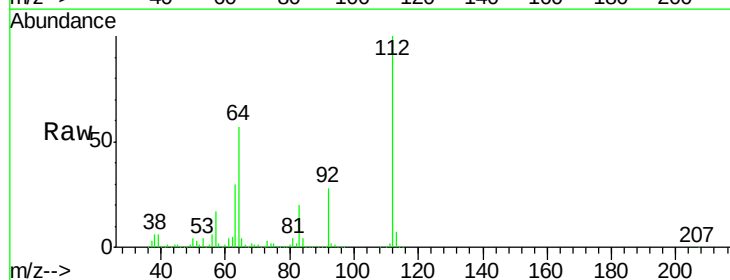
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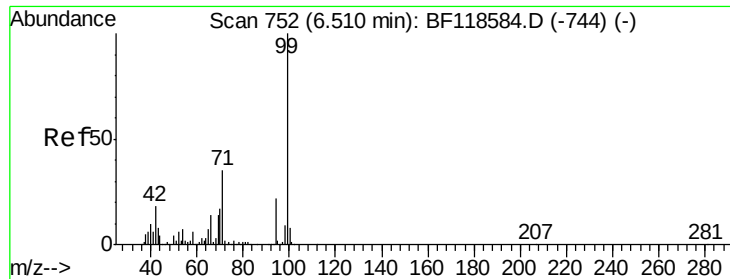
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#5
 2-Fluorophenol
 Concen: 109.177 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	42.4	63.6
63	29.9	21.7	32.5





#7

Phenol-d6

Concen: 103.442 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF118758.D

Acq: 30 Jan 2020 18:25

Instrument :

BNA_F

ClientSampled :

RBR-56

Tot Ion: 99 Resp: 1976196

Ion Ratio Lower Upper

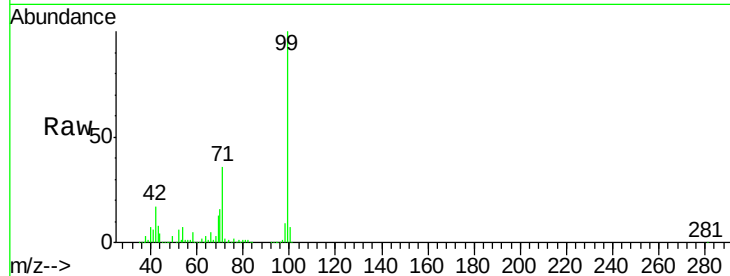
99 100

42 16.7 13.1 19.7

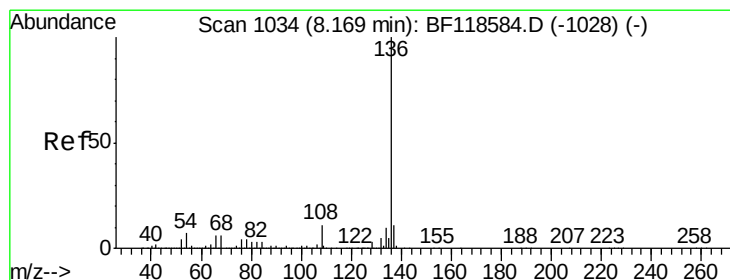
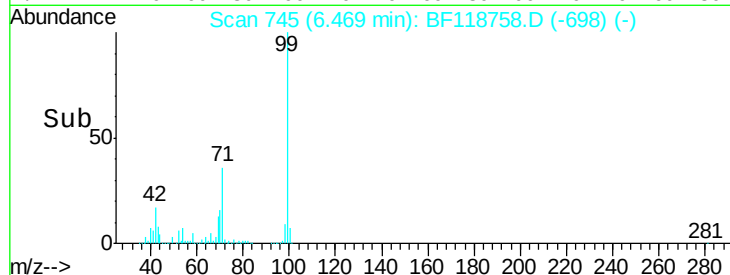
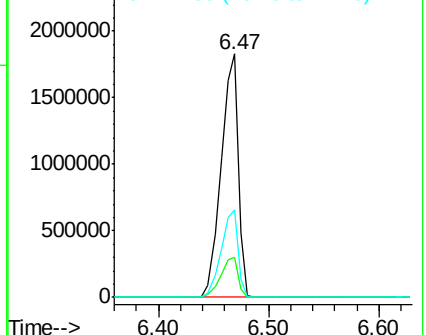
71 36.1 28.4 42.6

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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: 8.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF118758.D

Acq: 30 Jan 2020 18:25

Tgt Ion: 136 Resp: 1030366

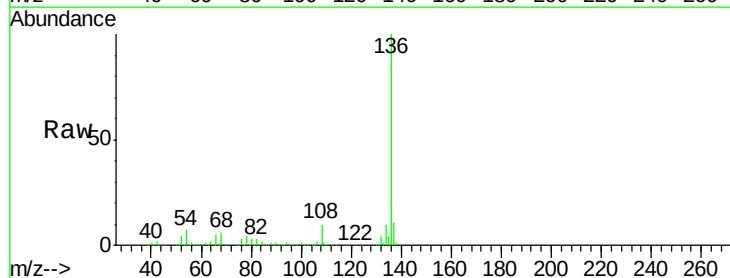
Ion Ratio Lower Upper

136 100

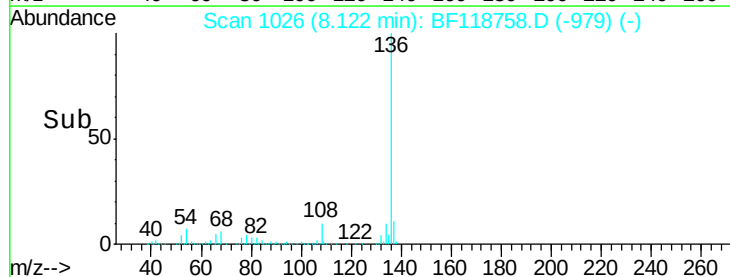
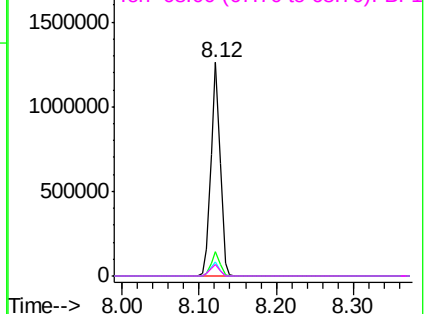
137 11.4 8.9 13.3

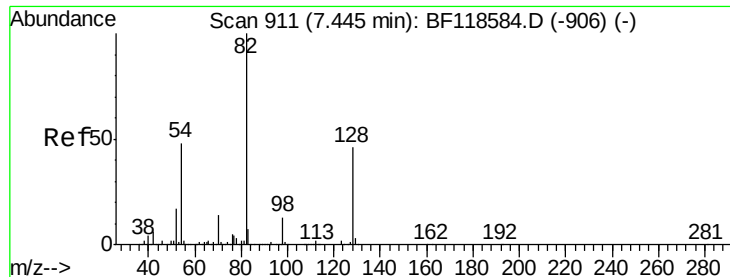
54 6.6 5.1 7.7

68 5.7 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





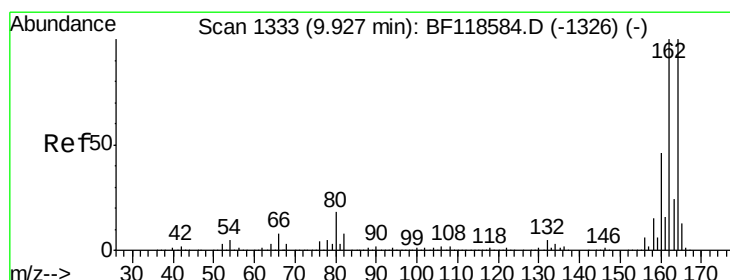
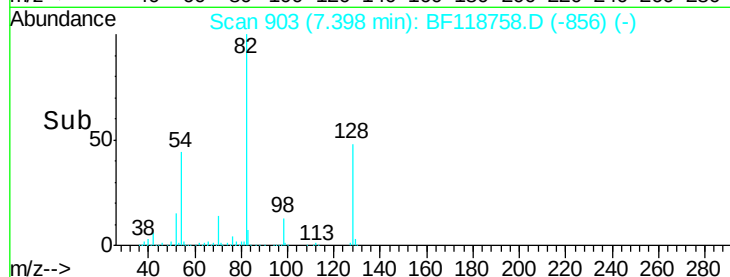
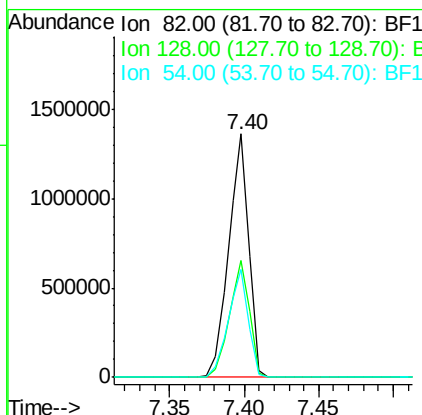
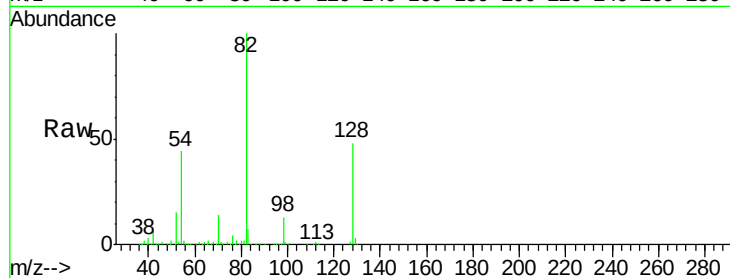
#23
Nitrobenzene-d5
Concen: 70.579 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	82	Resp	1300139
Ion Ratio	100	Lower	Upper
82	100		
128	48.0	38.2	57.2
54	44.5	36.1	54.1

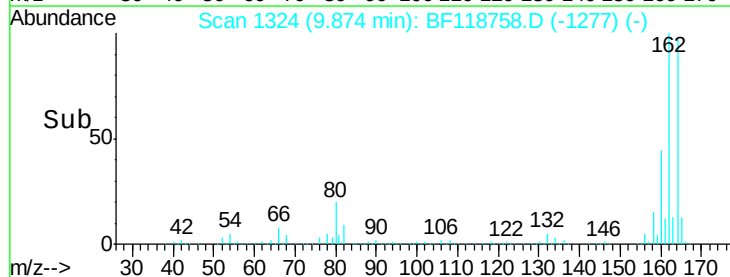
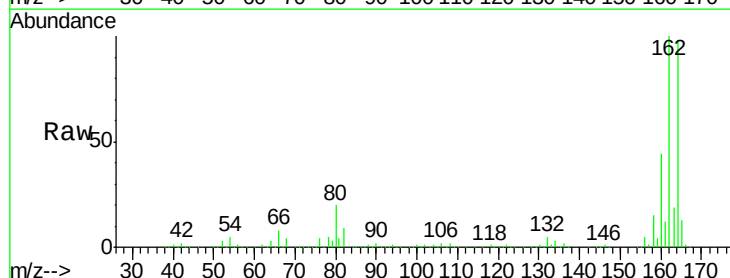
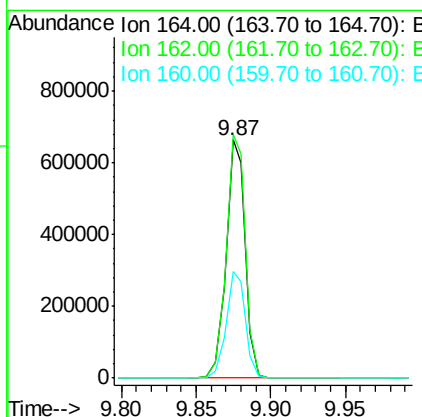
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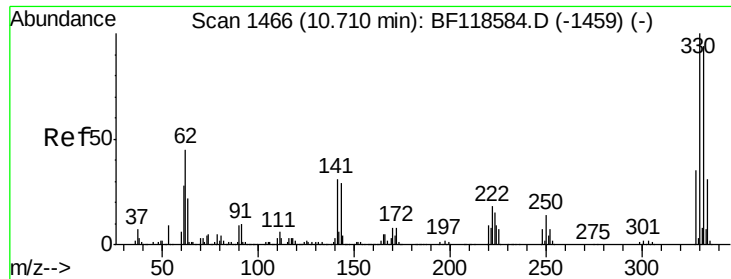
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Tgt Ion	164	Resp	600207
Ion Ratio	100	Lower	Upper
164	100		
162	102.3	80.8	121.2
160	44.9	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 111.337 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF118758.D

Acq: 30 Jan 2020 18:25

Instrument :

BNA_F

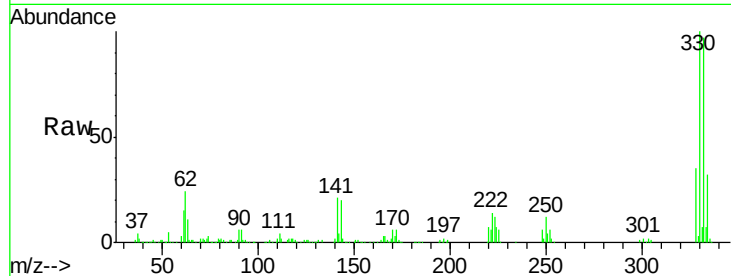
ClientSampled :

RBR-56

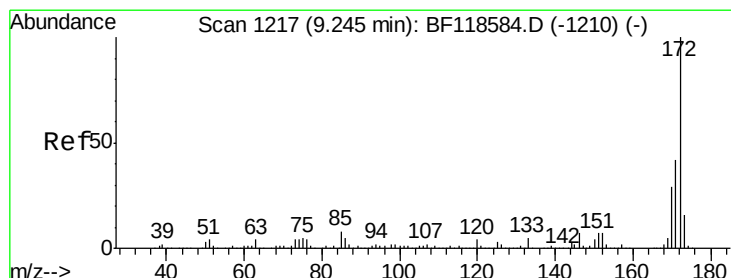
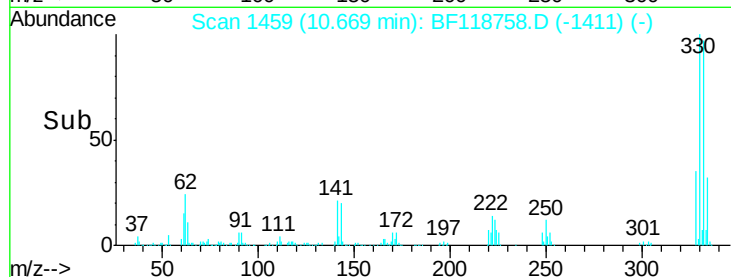
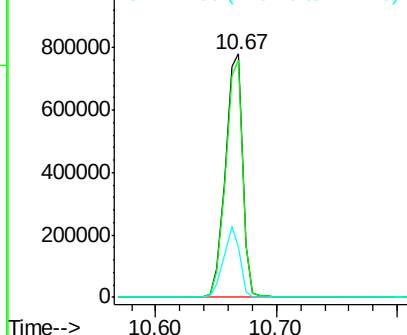
Tot Ion:	330	Resp:	772918
Ion Ratio		Lower	Upper
330	100		
332	96.9	77.6	116.4
141	27.5	22.2	33.2

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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: 68.204 ng

RT: 9.20 min Scan# 1209

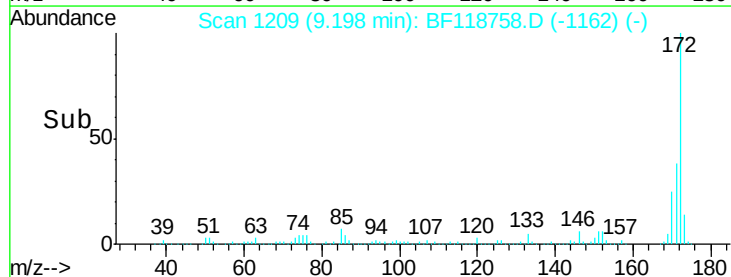
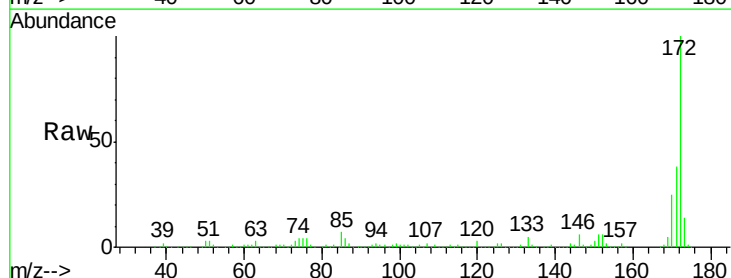
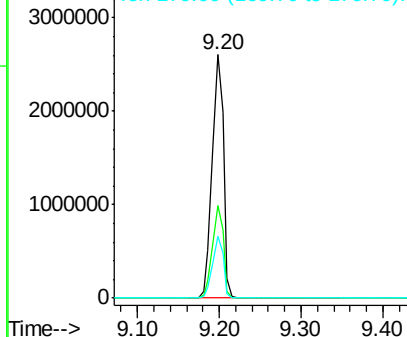
Delta R.T. -0.02 min

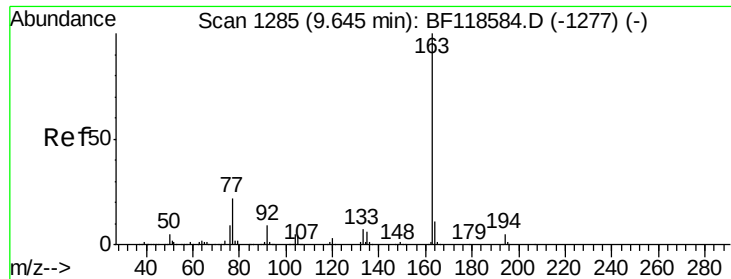
Lab File: BF118758.D

Acq: 30 Jan 2020 18:25

Tgt Ion:	172	Resp:	2490640
Ion Ratio		Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.2	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





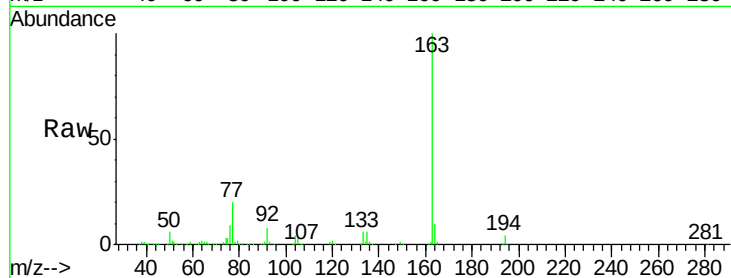
#50
Dimethylphthalate
Concen: 6.294 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.04 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Instrument :
BNA_F
ClientSampleId :
RBR-56

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.2	8.2	12.2

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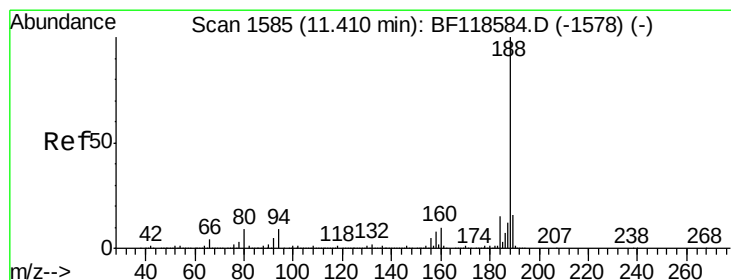
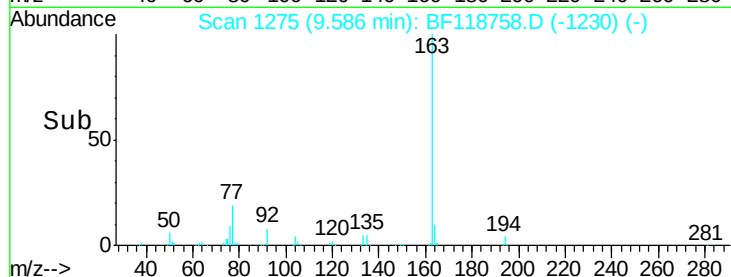
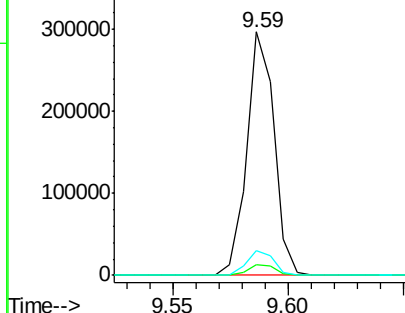


Abundance

Ion 163.00 (162.70 to 163.70): E

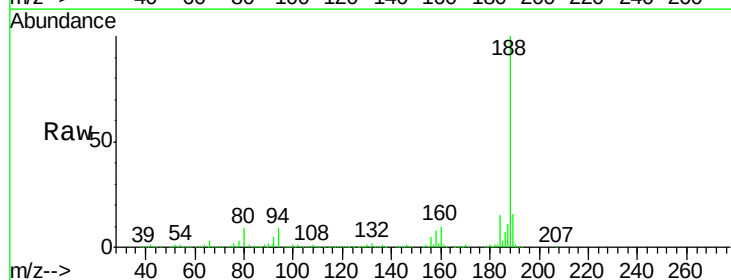
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.5	7.8	11.8

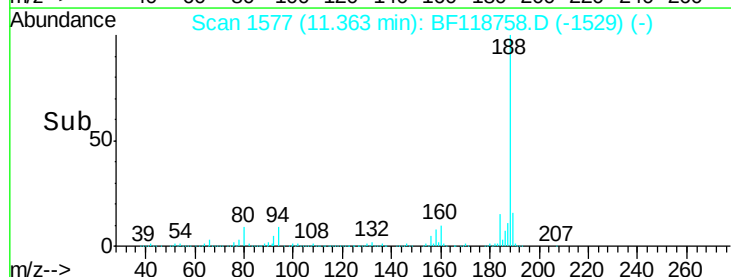
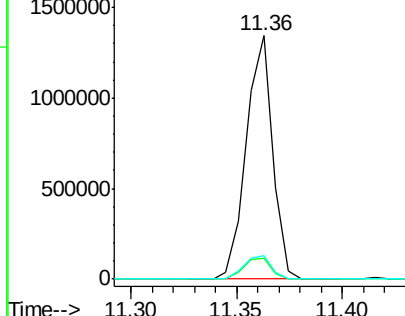


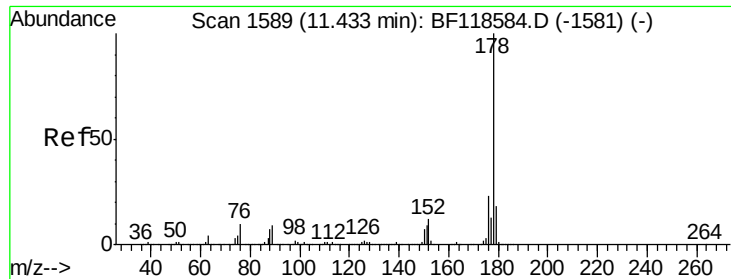
Abundance

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





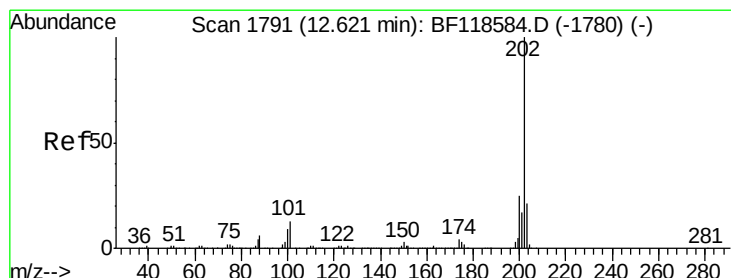
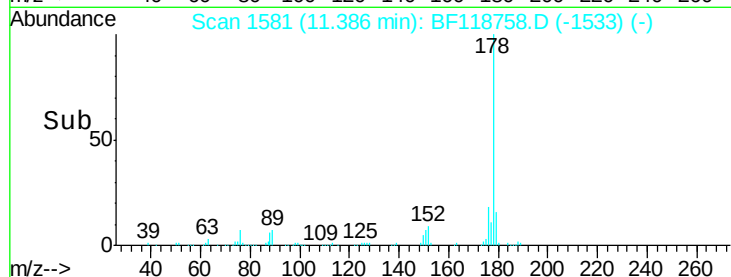
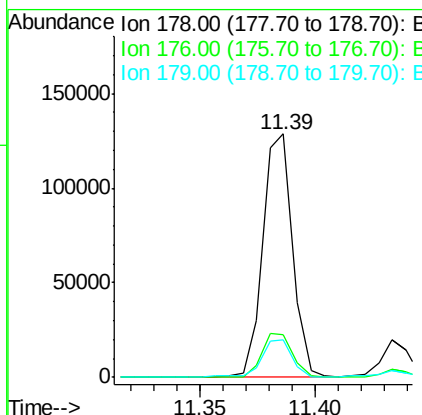
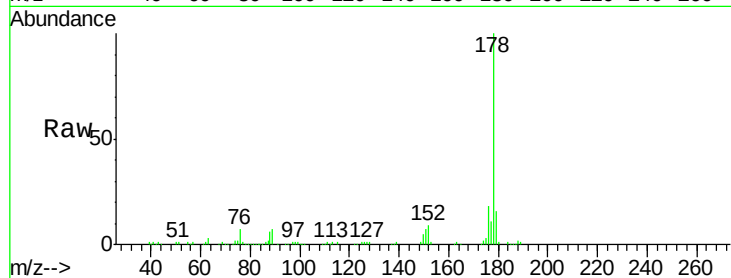
#71
Phenanthrene
Concen: 2.052 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Instrument :
BNA_F
ClientSampleId :
RBR-56

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	16.5	24.7
179	15.6	13.3	19.9

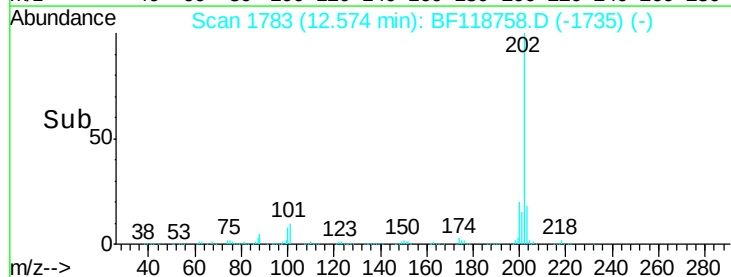
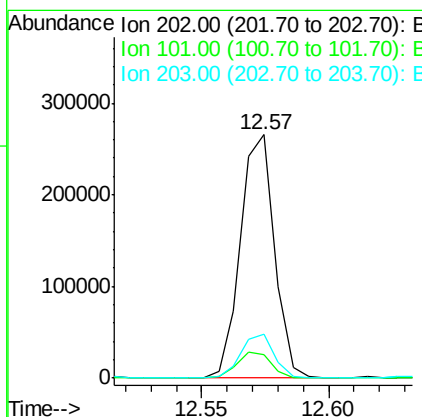
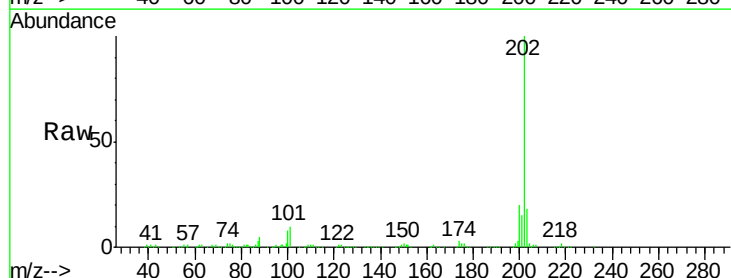
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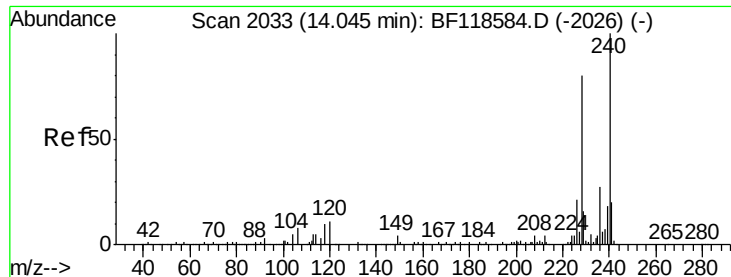
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#75
Fluoranthene
Concen: 4.157 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.1
203	18.0	0.0	38.9





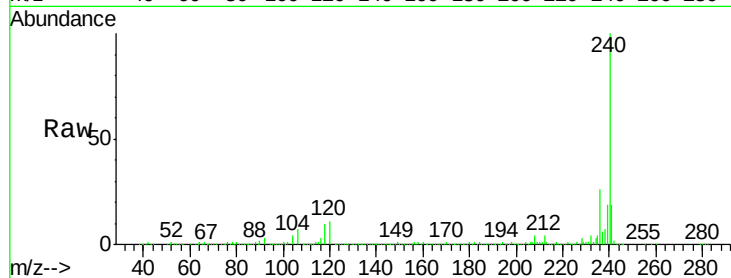
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Instrument :
BNA_F
ClientSampled :
RBR-56

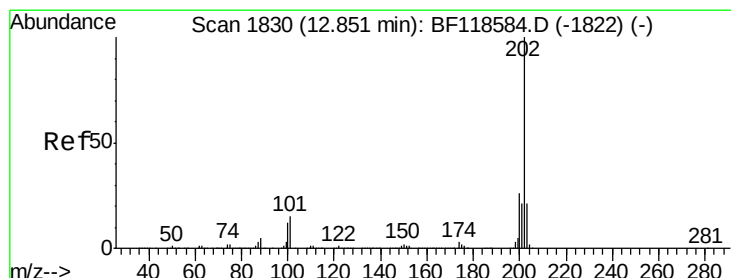
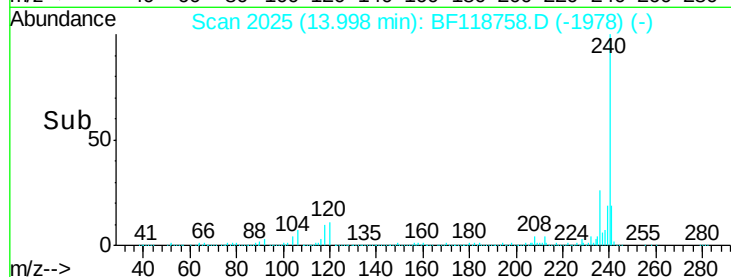
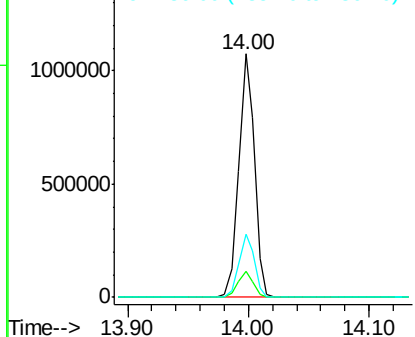
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.6	11.4
236	25.9	21.0	31.4

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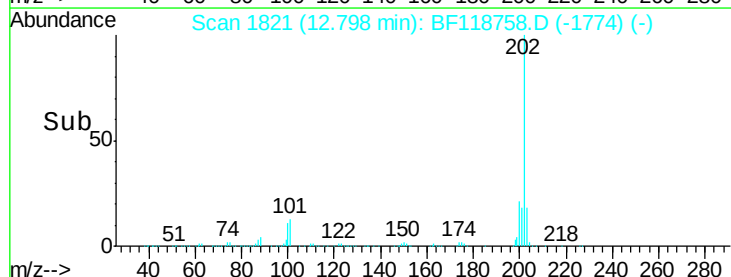
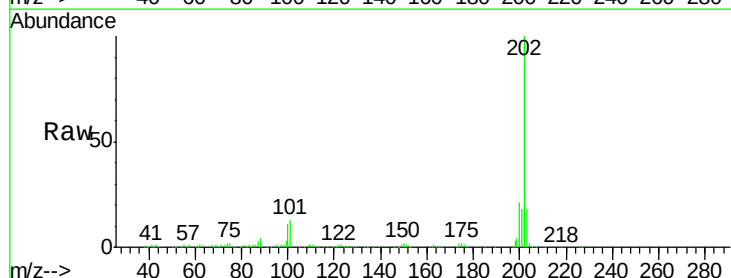
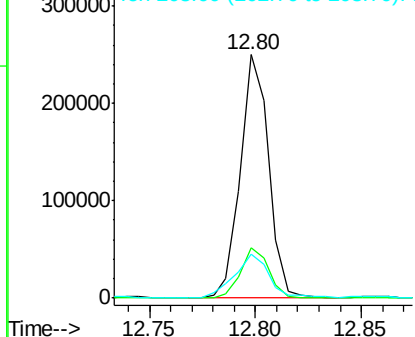
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

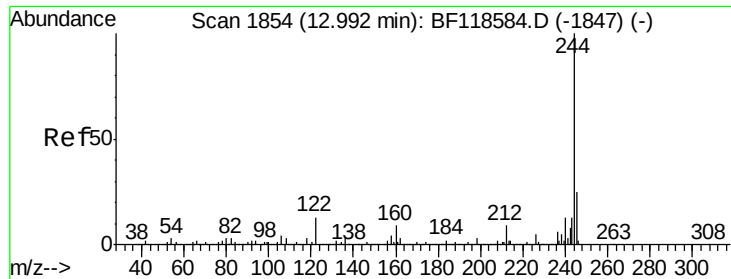


#78
Pyrene
Concen: 3.509 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF118758.D
Acq: 30 Jan 2020 18:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.1	27.1
203	17.9	15.2	22.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 73.620 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

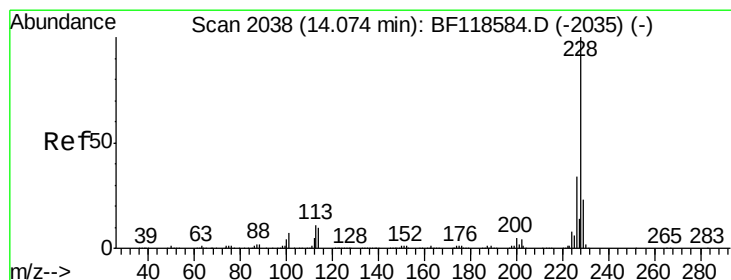
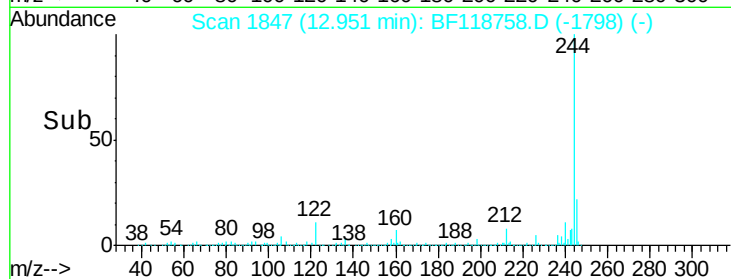
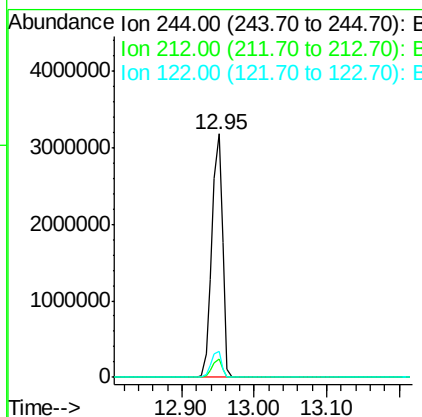
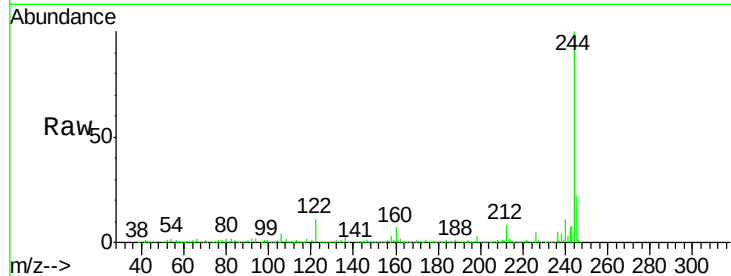
Instrument :
 BNA_F
 ClientSampleId :
 RBR-56

Tot Ion:244 Resp: 3286781

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	10.8	9.2	13.8

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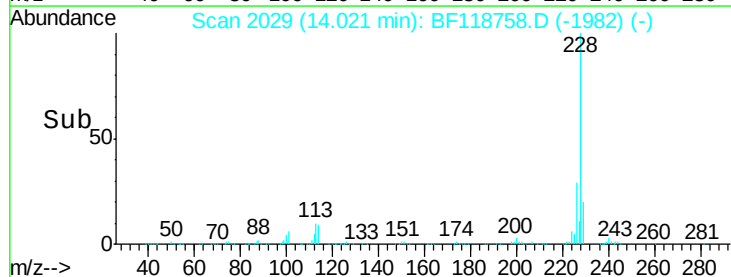
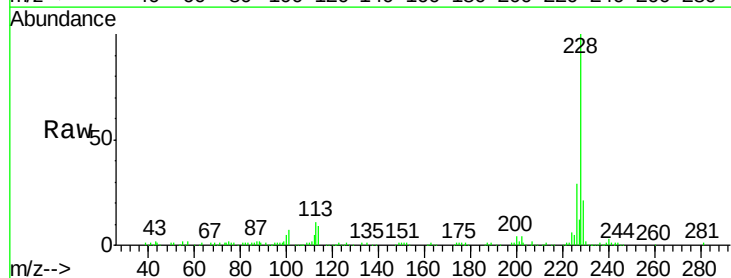
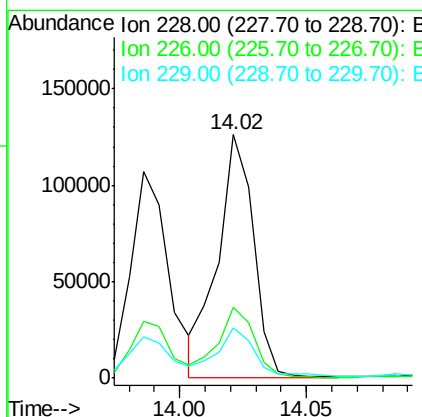
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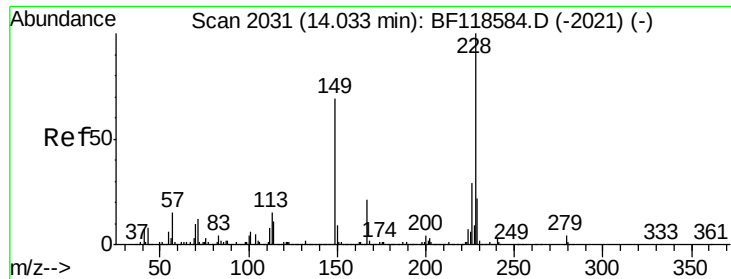


#83
 Chrysene
 Concen: 2.200 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

Tgt Ion:228 Resp: 123513

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.6	38.4
229	20.7	17.1	25.7





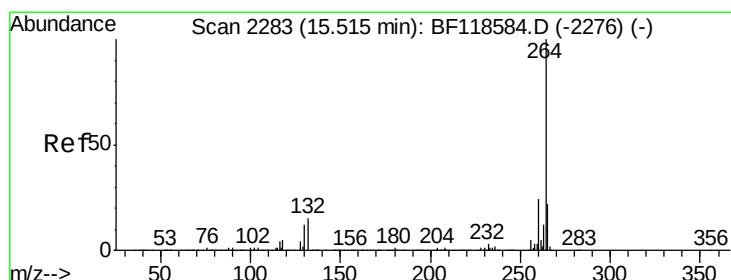
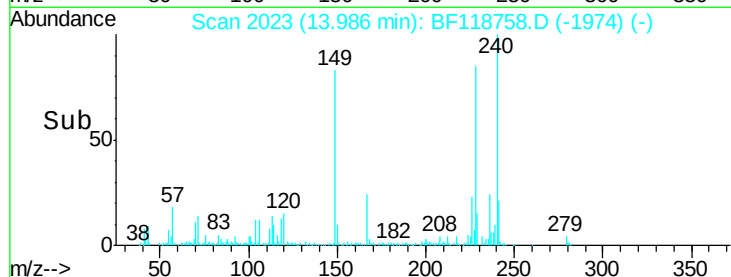
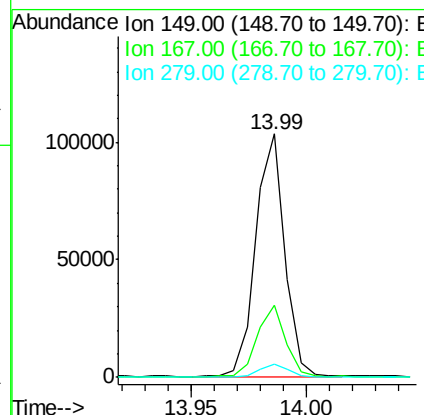
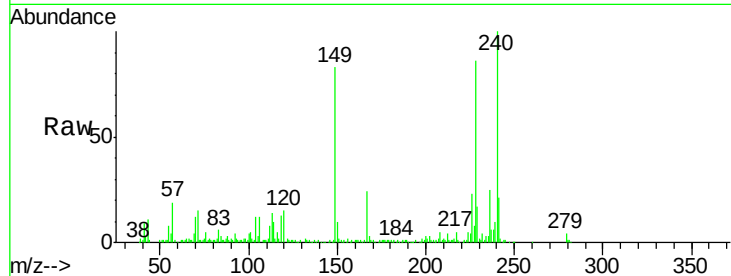
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.749 ng
 RT: 13.99 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.5	23.6	35.4	
279	5.4	4.5	6.7	

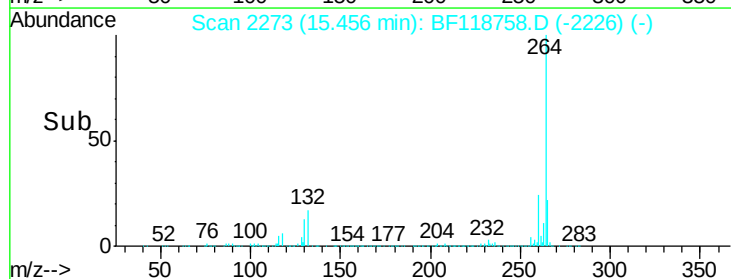
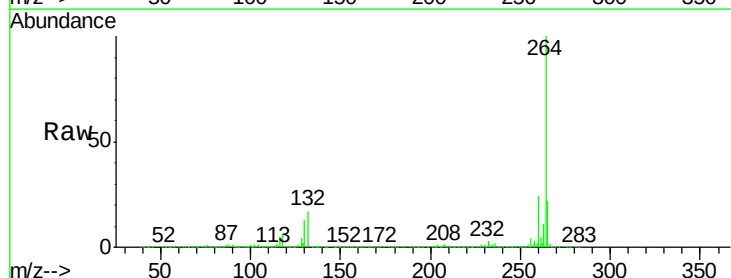
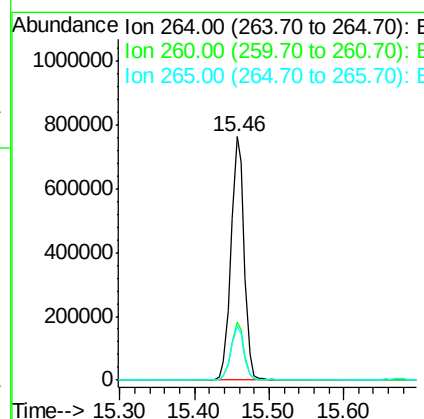
Manual Integrations
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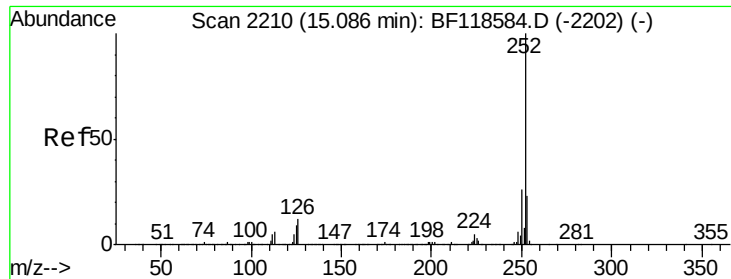
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	18.6	28.0	
265	22.1	17.0	25.6	





#88
 Benzo(b)fluoranthene
 Concen: 2.430 ng/ml
 RT: 15.03 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BF118758.D
 Acq: 30 Jan 2020 18:25

Instrument :
 BNA_F
 ClientSampleId :
 RBR-56

Tot Ion:	252	Resp:	145165
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.4
125	10.4	7.7	11.5

Manual Integrations
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 2/3/2020 7:57:04 AM

