

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118508.D
 Acq On : 8 Jan 2020 19:49
 Operator : JU
 Sample : L1049-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
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Quant Time: Jan 09 03:46:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	70612	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	282583	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	151228	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	268529	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	189686	20.00	ng	-0.01
87) Perylene-d12	15.52	264	233401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	359138	83.96	ng	0.00
7) Phenol-d6	6.46	99	467763	91.47	ng	-0.01
23) Nitrobenzene-d5	7.39	82	267715	49.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	140360	78.66	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	634976	60.22	ng	-0.01
79) Terphenyl-d14	12.96	244	559127	46.71	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	38649	3.330	ng	98
71) Phenanthrene	11.39	178	75254	5.003	ng	98
75) Fluoranthene	12.59	202	79286	5.186	ng	98
78) Pyrene	12.82	202	73270	4.695	ng	99
81) Benzo(a)anthracene	14.02	228	43087	3.245	ng	92
83) Chrysene	14.05	228	41868m	3.245	ng	
86) Indeno(1,2,3-cd)pyrene	17.02	276	22463	2.163	ng	95
88) Benzo(b)fluoranthene	15.08	252	61375m	3.637	ng	
90) Benzo(a)pyrene	15.45	252	39761	2.875	ng	95

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

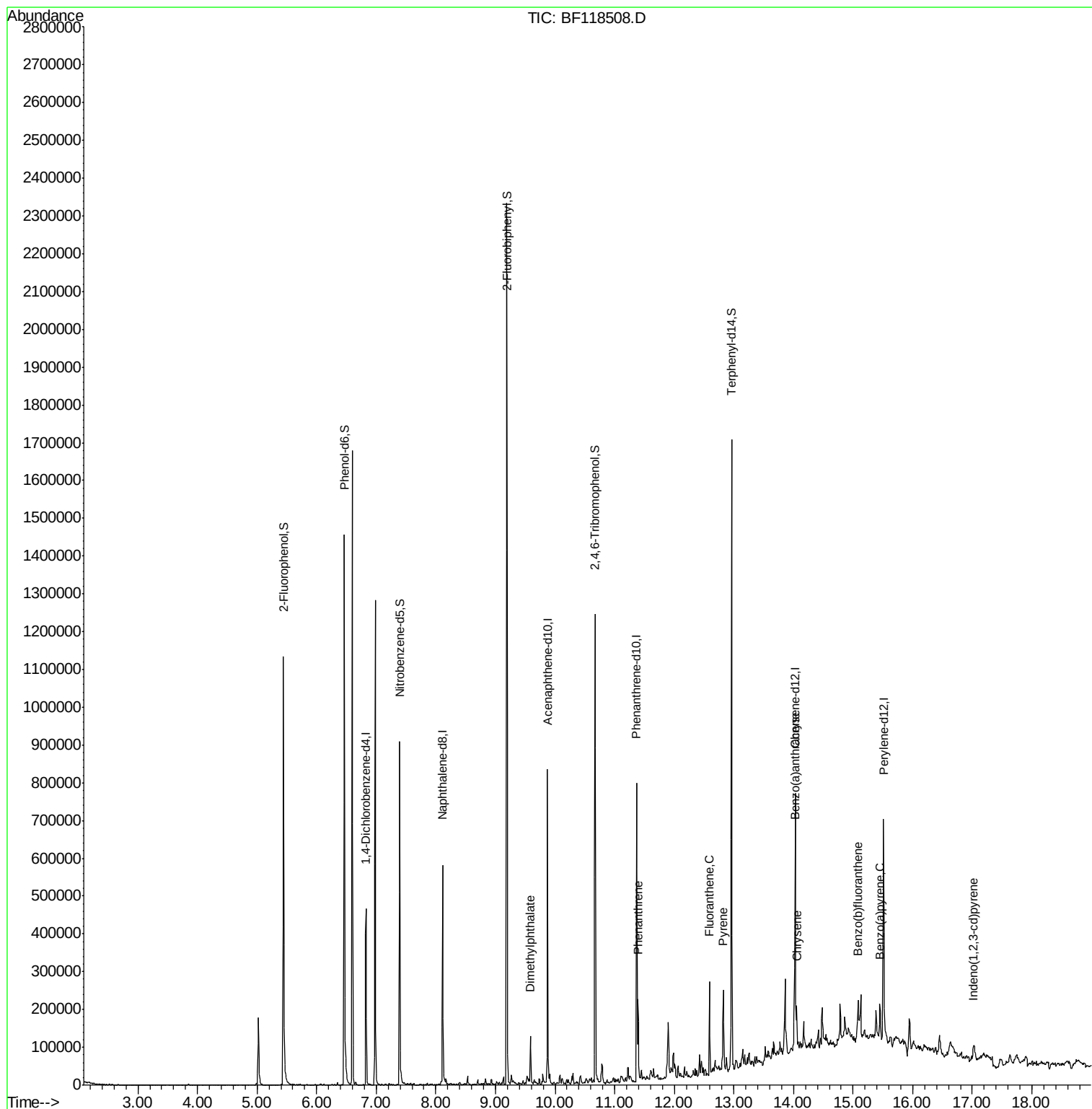
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118508.D
Acq On : 8 Jan 2020 19:49
Operator : JU
Sample : L1049-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

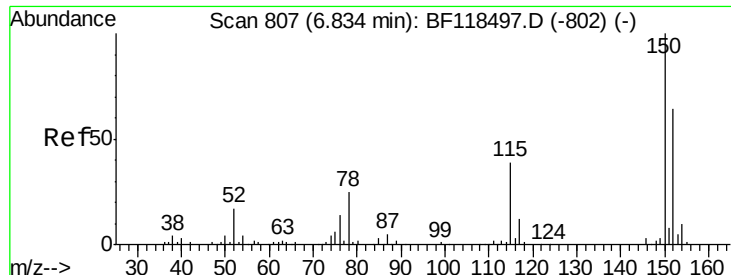
Instrument :
BNA_F
ClientSampleId :
TP-3

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Quant Time: Jan 09 03:46:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration





#1

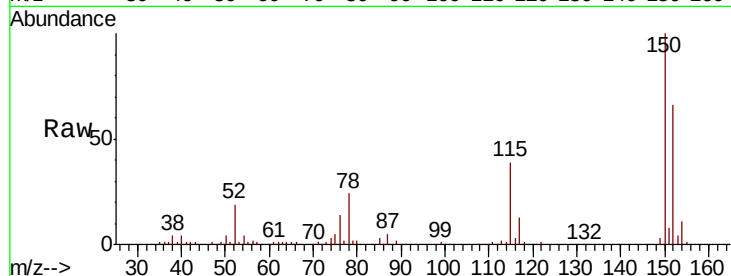
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118508.D
Acq: 8 Jan 2020 19:49

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.7	187.1
115	58.7	49.0	73.6

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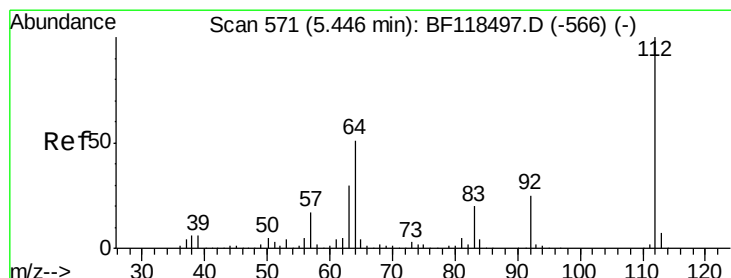
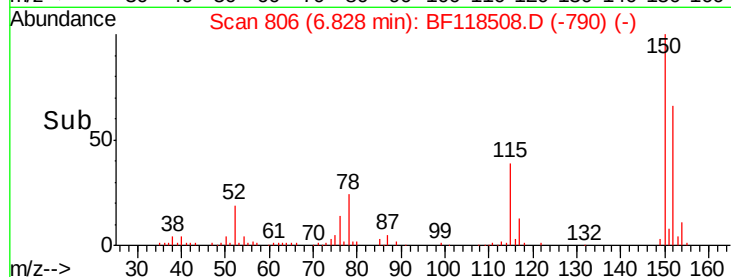
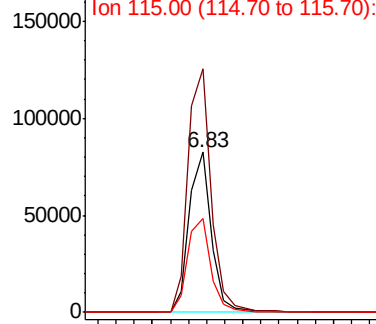


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

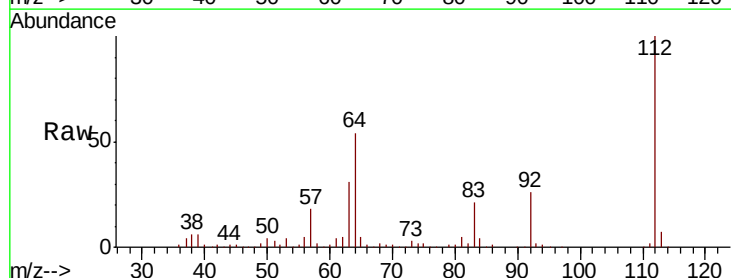
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.958 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF118508.D
Acq: 8 Jan 2020 19:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	41.1	61.7
63	30.6	24.1	36.1

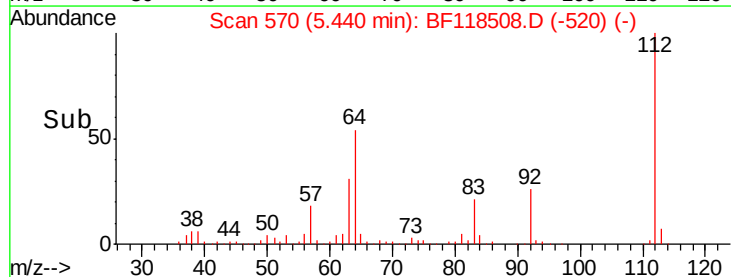
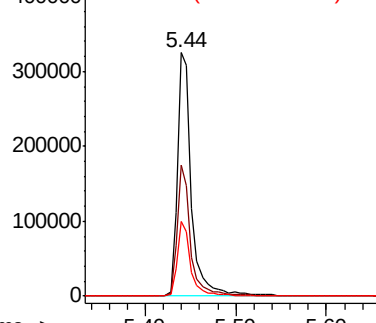


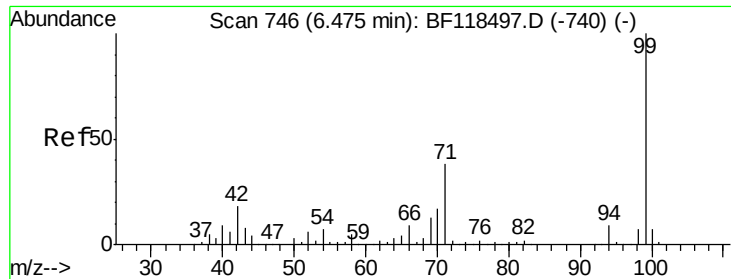
Abundance

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: 91.465 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF118508.D

Acq: 8 Jan 2020 19:49

Instrument :

BNA_F

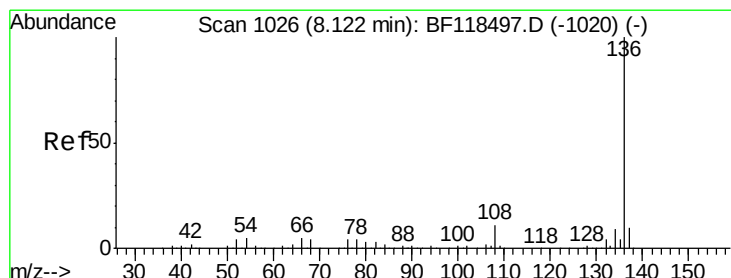
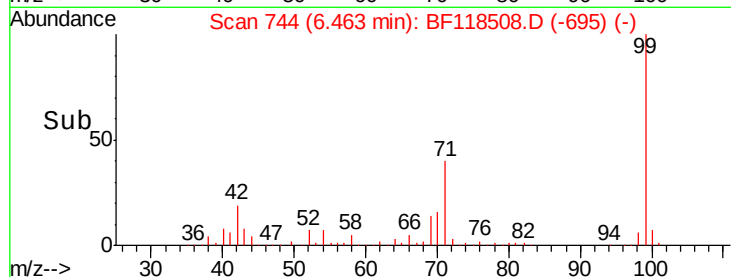
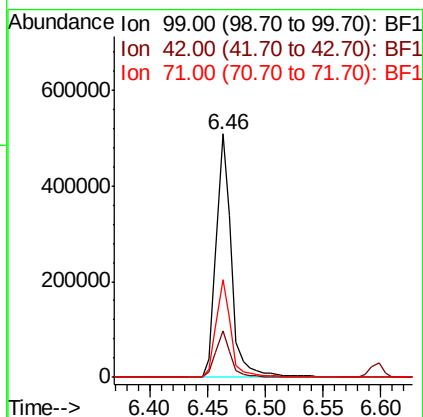
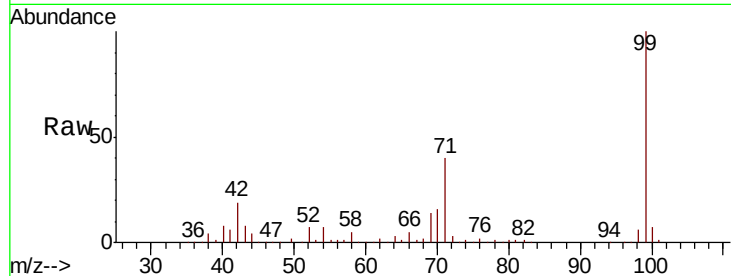
ClientSampleId :

TP-3

Tot Ion:	99	Resp:	467763
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	40.0	30.6	45.8

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#21

Naphthalene-d8

Concen: 20.000 ng

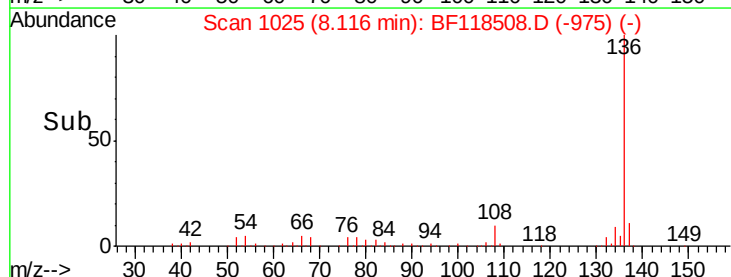
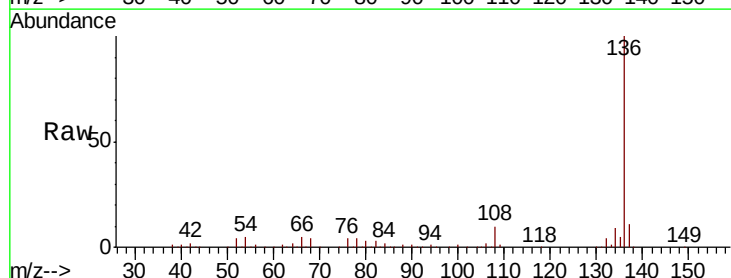
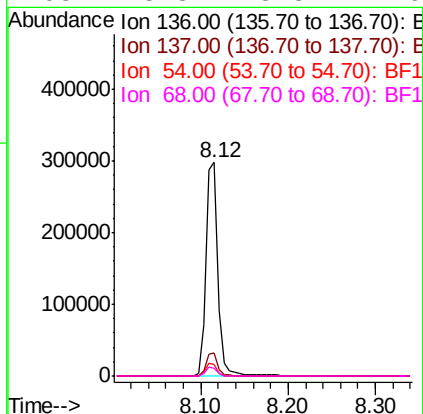
RT: 8.12 min Scan# 1025

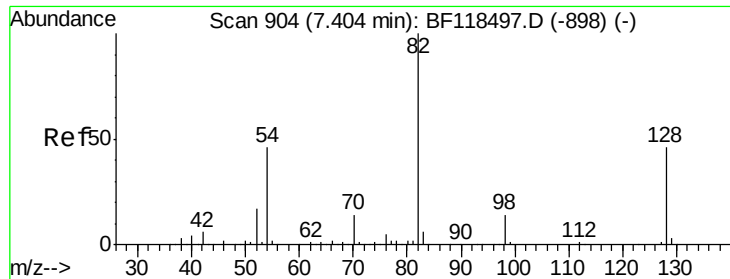
Delta R.T. -0.01 min

Lab File: BF118508.D

Acq: 8 Jan 2020 19:49

Tgt Ion:	136	Resp:	282583
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.3	12.5
54	5.2	4.2	6.2
68	3.8	3.3	4.9





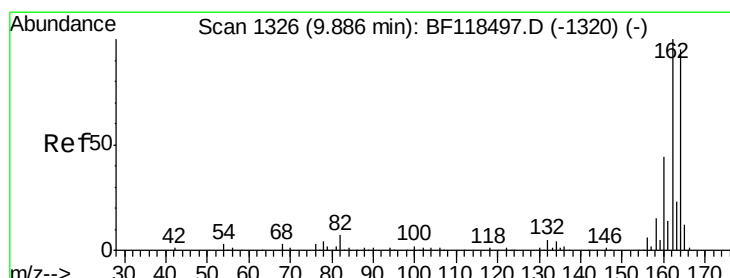
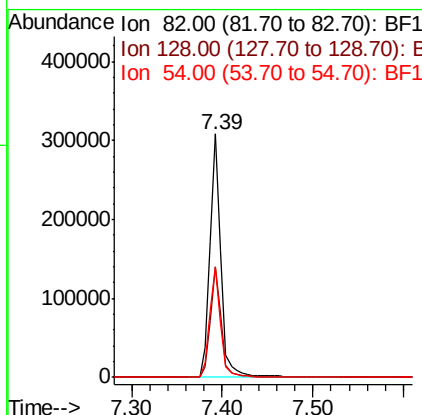
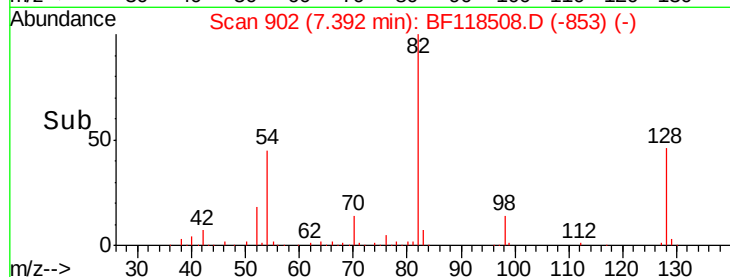
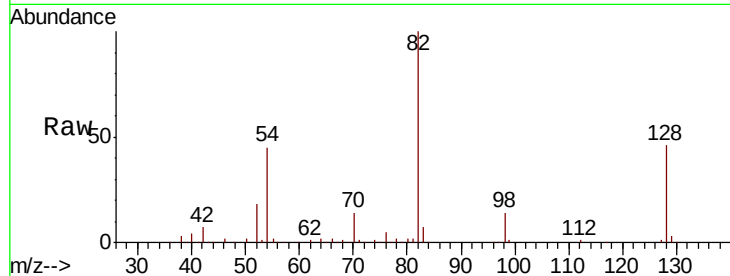
#23
 Nitrobenzene-d5
 Concen: 49.767 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF118508.D
 Acq: 8 Jan 2020 19:49

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.6	54.8
54	45.5	37.0	55.6

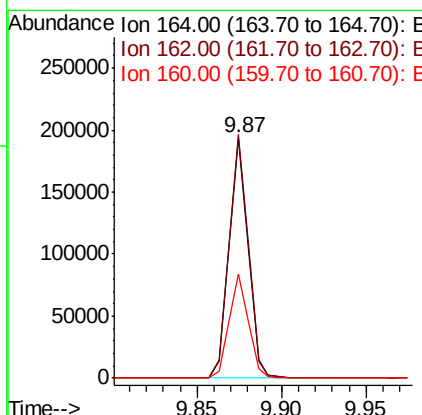
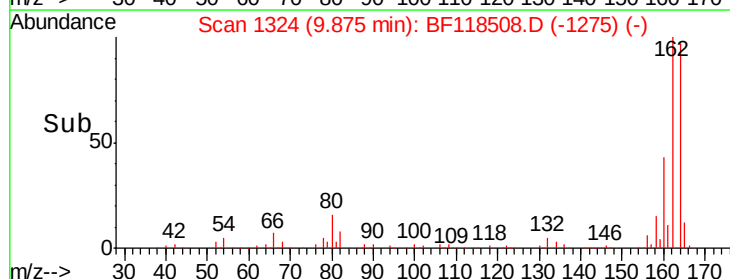
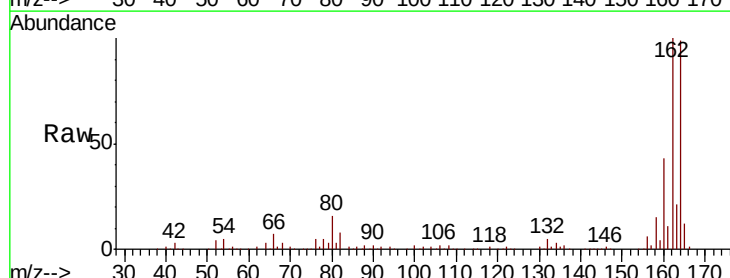
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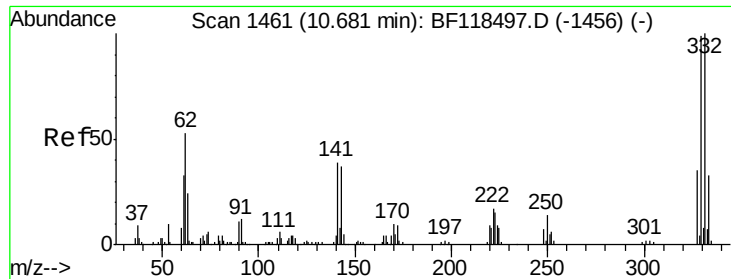
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF118508.D
 Acq: 8 Jan 2020 19:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	84.2	126.4
160	43.5	36.8	55.2





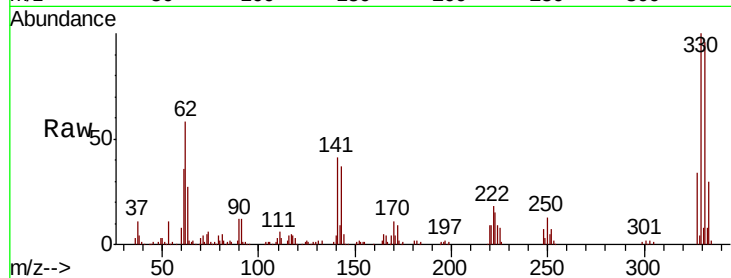
#42
 2,4,6-Tribromophenol
 Concen: 78.657 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF118508.D
 Acq: 8 Jan 2020 19:49

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.9	116.9	
141	36.0	28.6	43.0	

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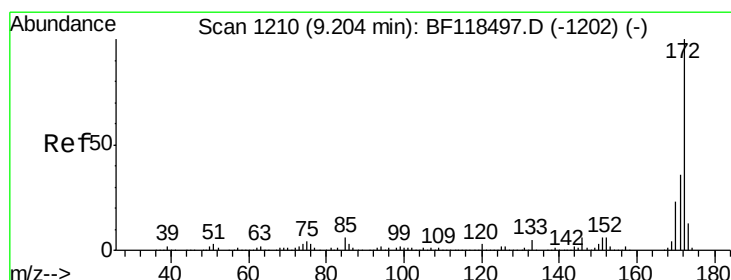
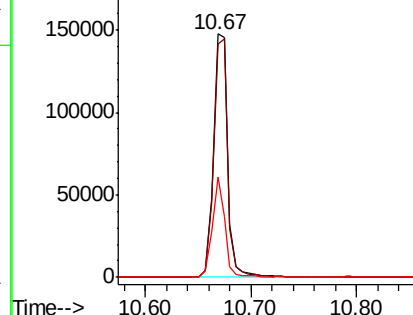
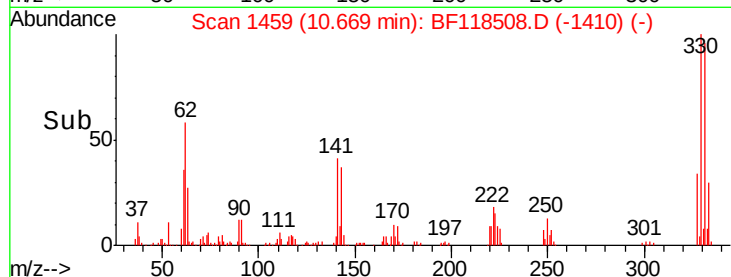


Abundance

Ion 329.80 (329.50 to 330.50): E

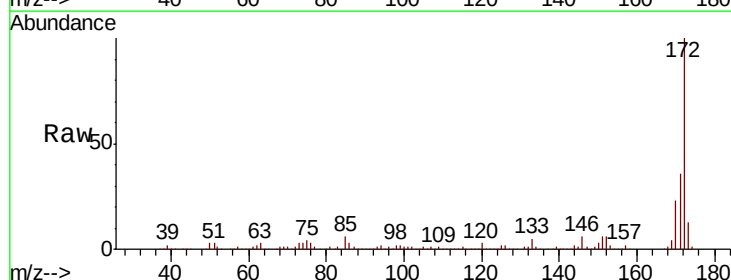
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.219 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118508.D
 Acq: 8 Jan 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	28.6	42.8	
170	23.1	18.6	27.8	

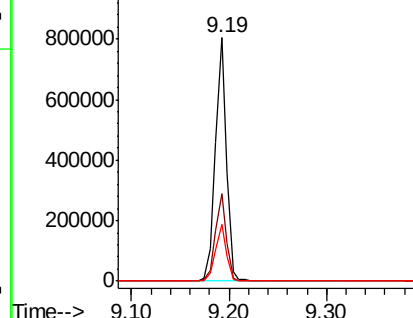
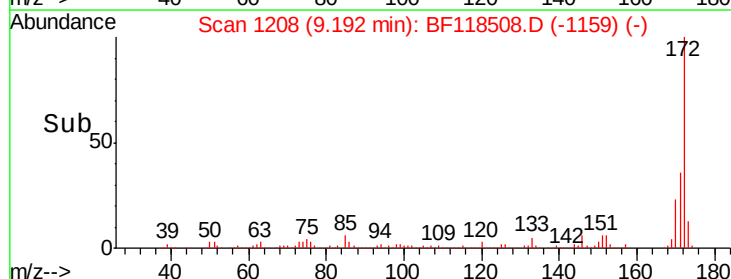


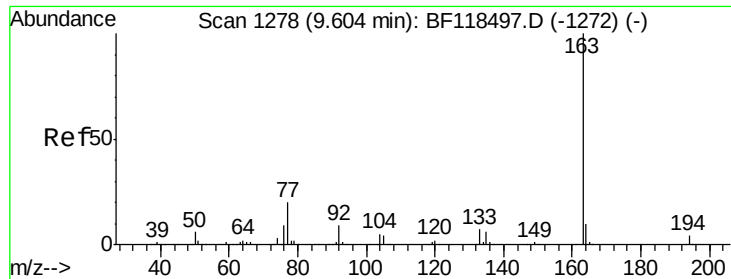
Abundance

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





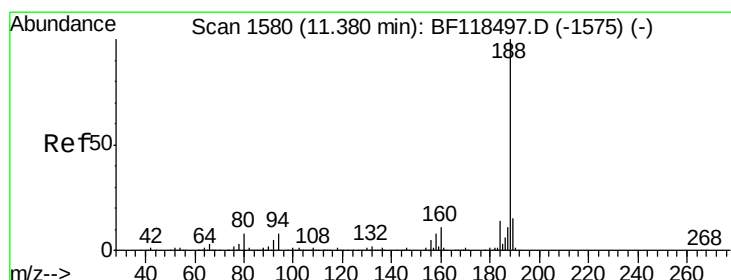
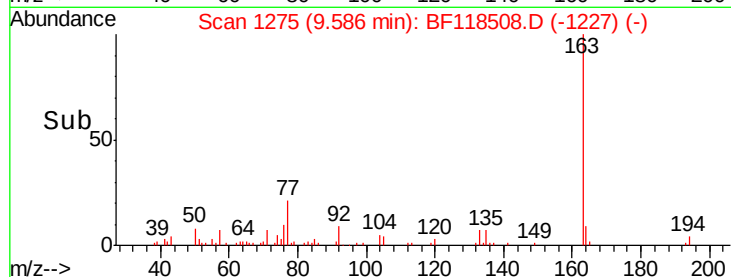
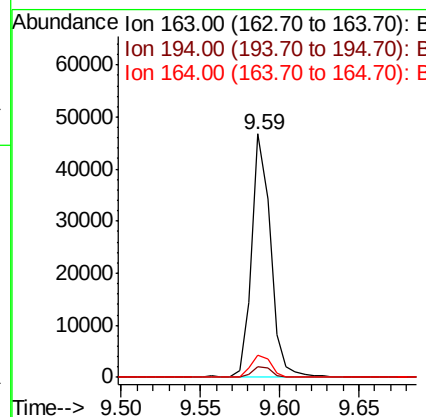
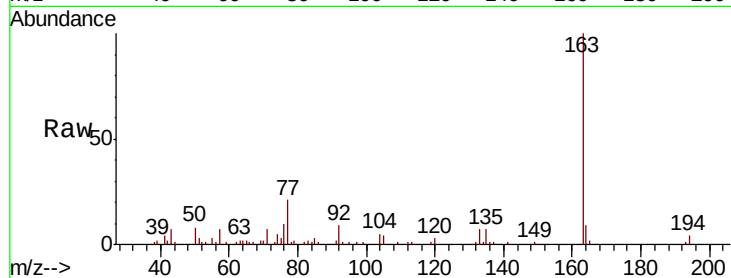
#50
Dimethylphthalate
Concen: 3.330 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF118508.D
Acq: 8 Jan 2020 19:49

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:	163	Resp:	38649
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.0	4.6
164	9.3	8.1	12.1

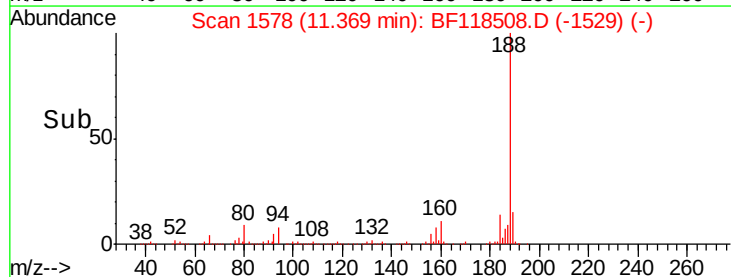
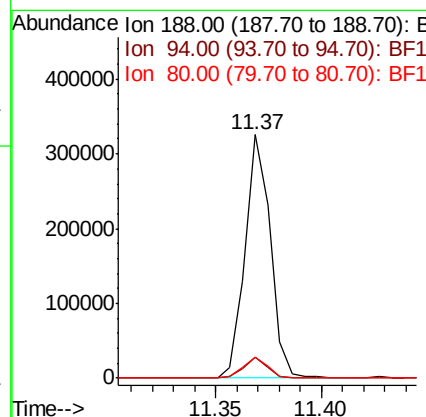
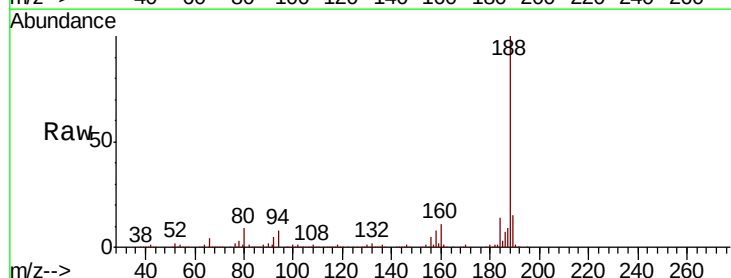
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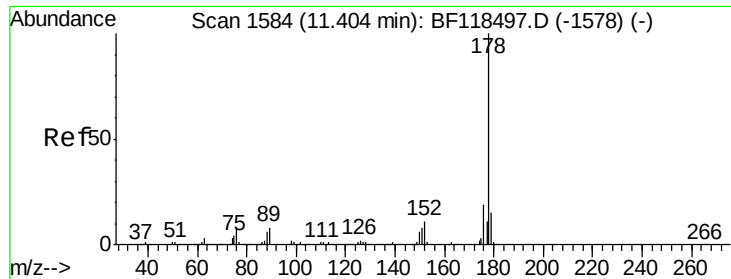
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118508.D
Acq: 8 Jan 2020 19:49

Tgt Ion:	188	Resp:	268529
Ion Ratio	Lower	Upper	
188	100		
94	8.4	6.2	9.4
80	8.6	6.6	10.0





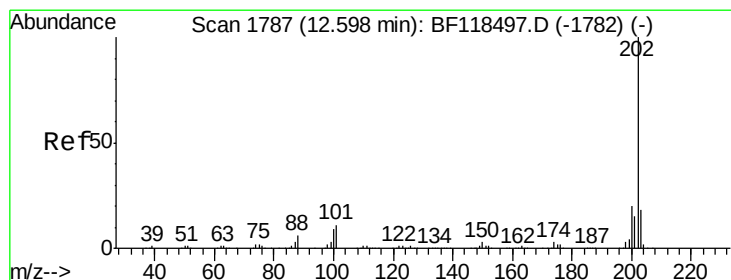
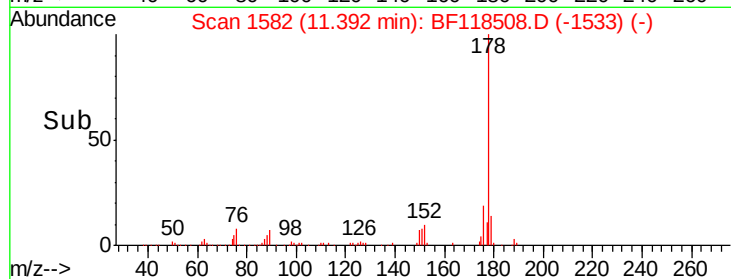
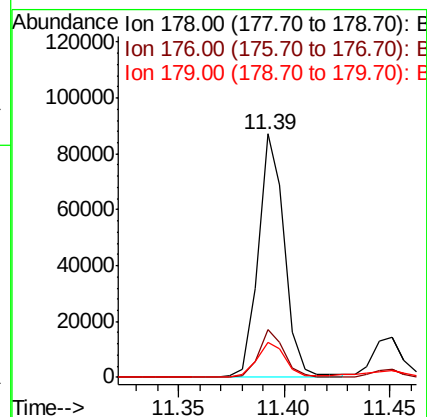
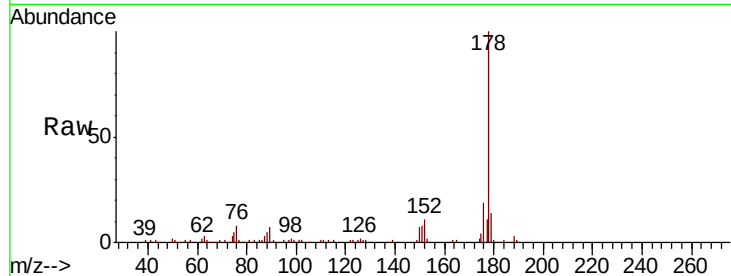
#71
Phenanthrene
Concen: 5.003 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF118508.D
Acq: 8 Jan 2020 19:49

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	14.4	12.3	18.5

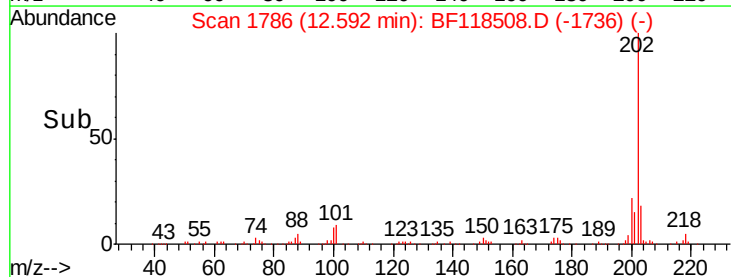
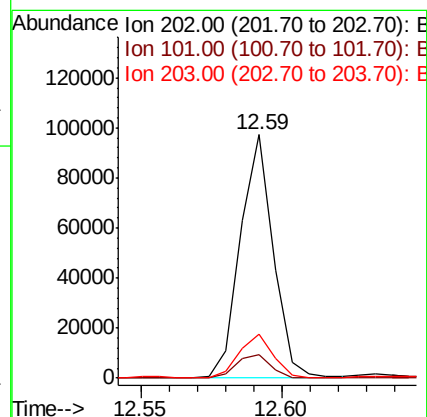
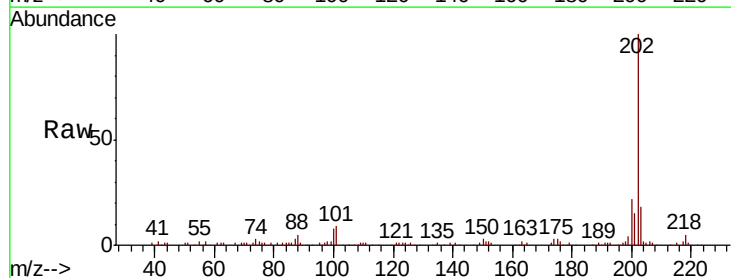
Manual Integrations
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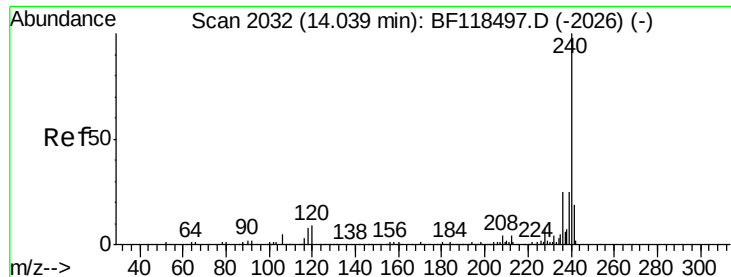
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#75
Fluoranthene
Concen: 5.186 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF118508.D
Acq: 8 Jan 2020 19:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	31.4
203	18.1	0.0	38.1





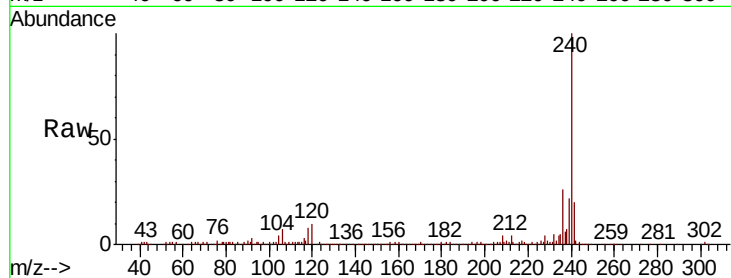
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118508.D
Acq: 8 Jan 2020 19:49

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.0	10.6
236	26.0	20.1	30.1

Manual Integrations
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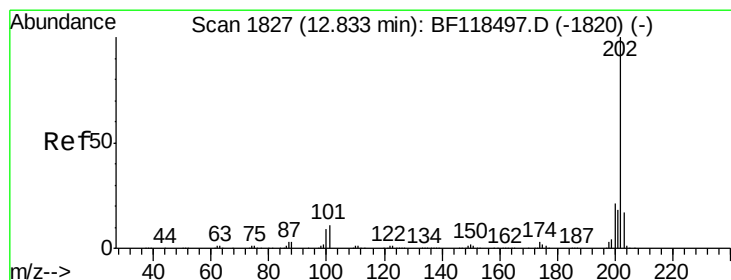
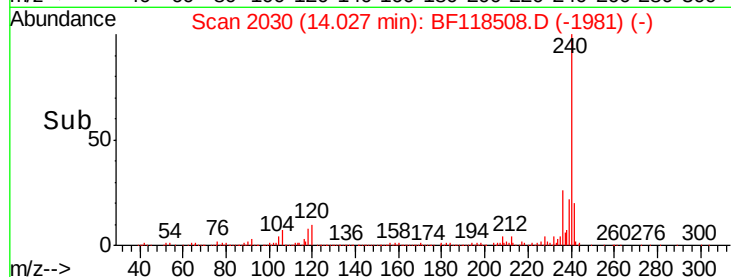
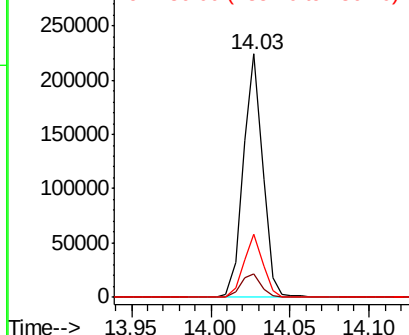


Abundance

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: 4.695 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF118508.D
Acq: 8 Jan 2020 19:49

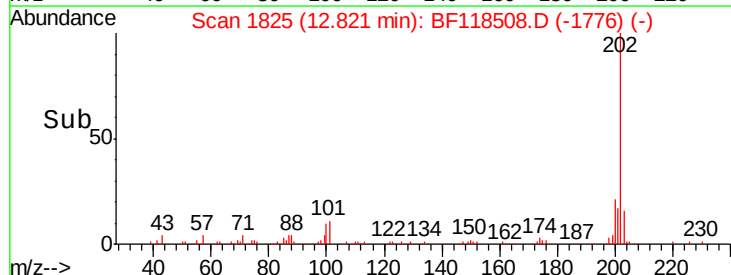
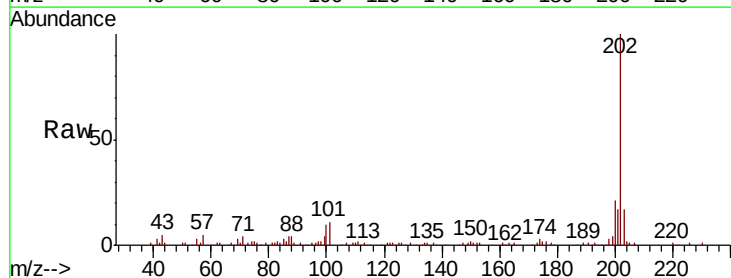
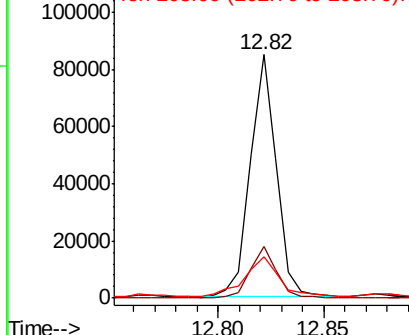
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	16.7	13.9	20.9

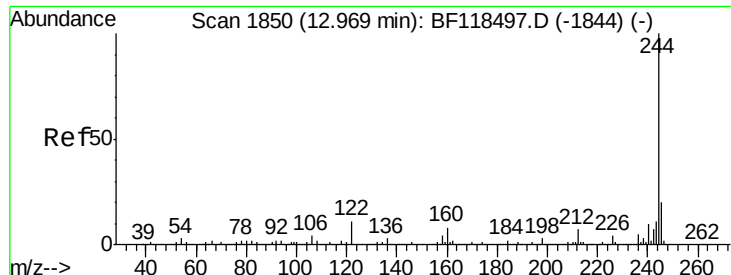
Abundance

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





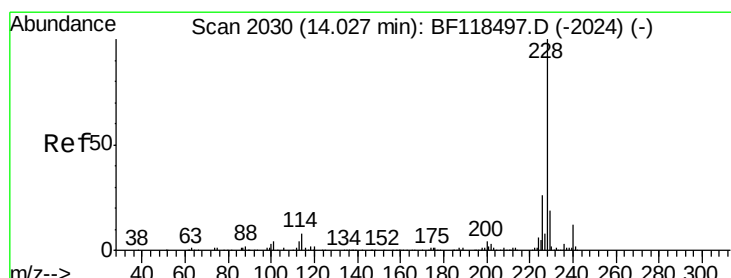
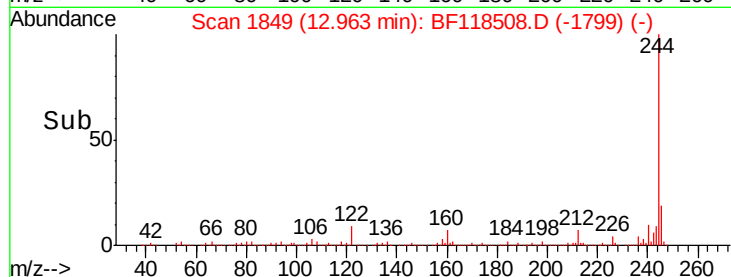
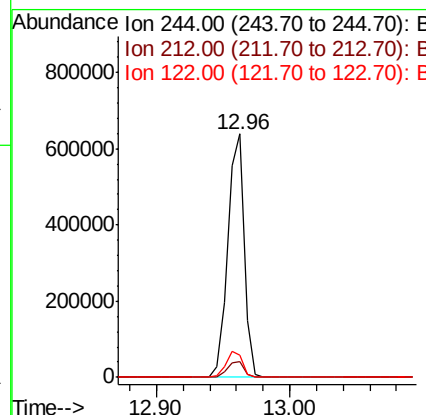
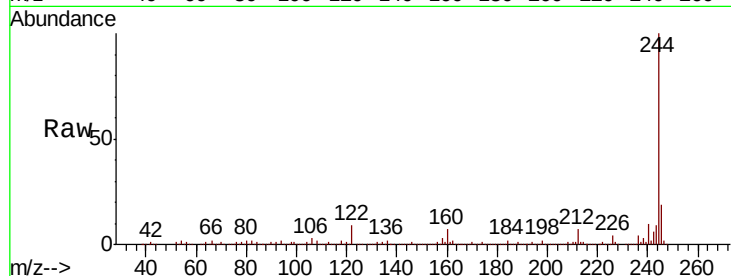
#79
 Terphenyl-d14
 Concen: 46.711 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF118508.D
 Acq: 8 Jan 2020 19:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.6	8.4
122	8.9	9.0	13.6

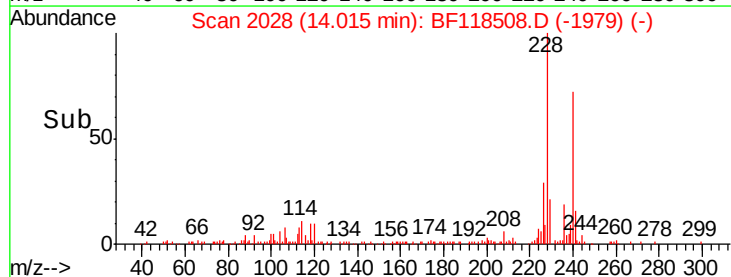
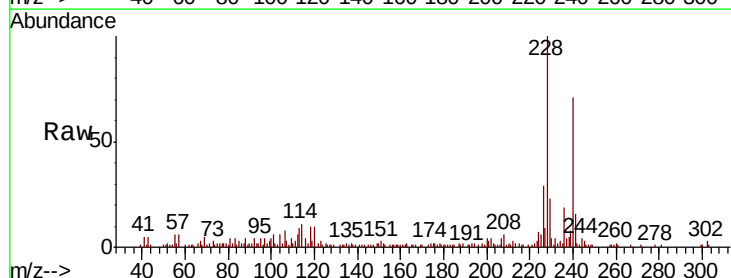
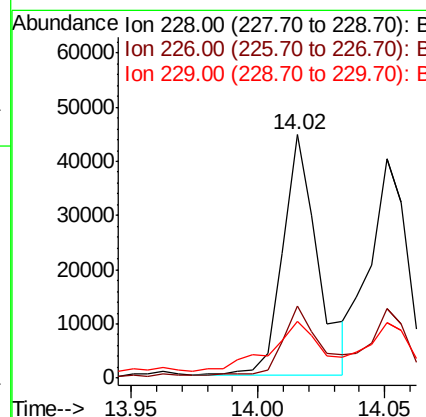
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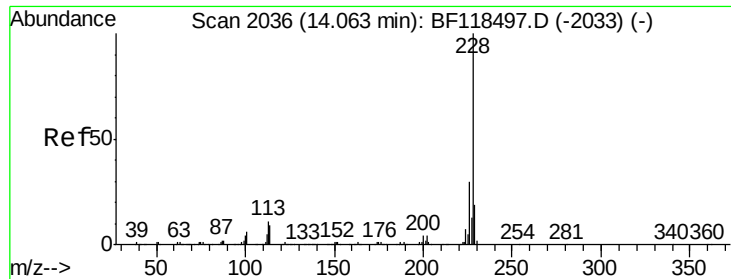
mohammad
 1/9/2020 12:10:57 PM



#81
 Benzo(a)anthracene
 Concen: 3.245 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF118508.D
 Acq: 8 Jan 2020 19:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.4	20.7	31.1
229	23.1	15.4	23.2





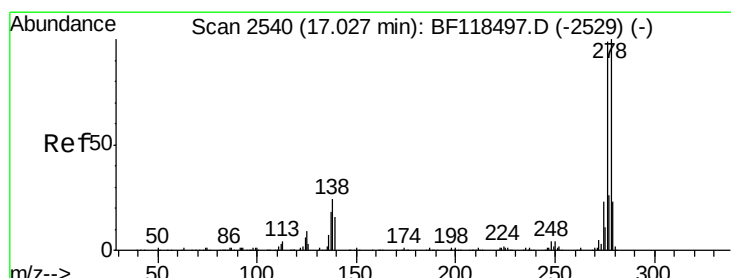
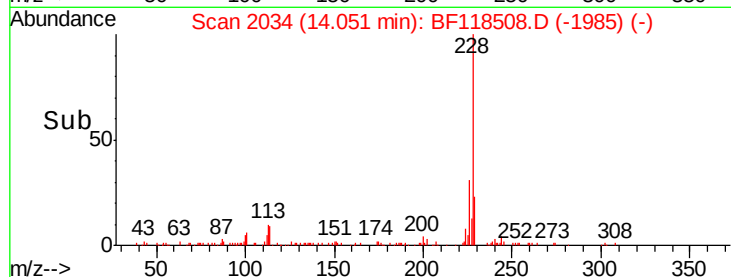
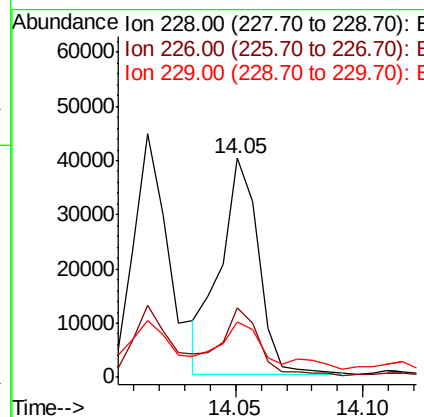
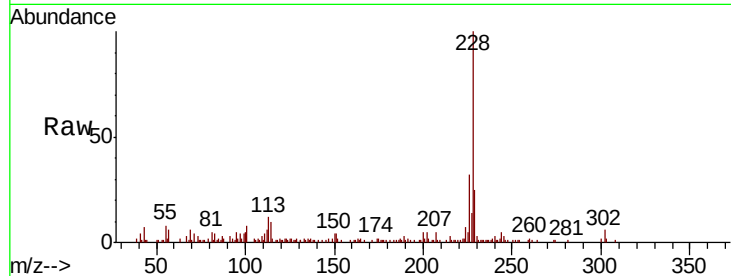
#83
Chrysene
Concen: 3.245 ng/mL
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118508.D
Acq: 8 Jan 2020 19:49

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.6	35.4
229	25.4	15.6	23.4

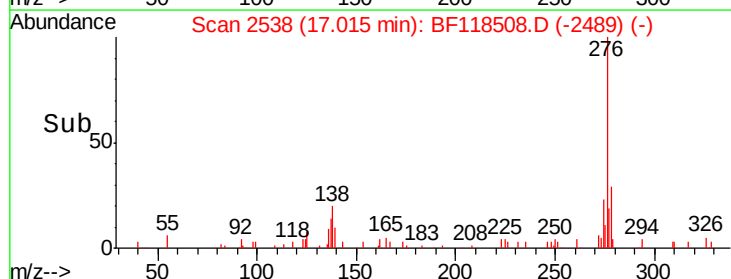
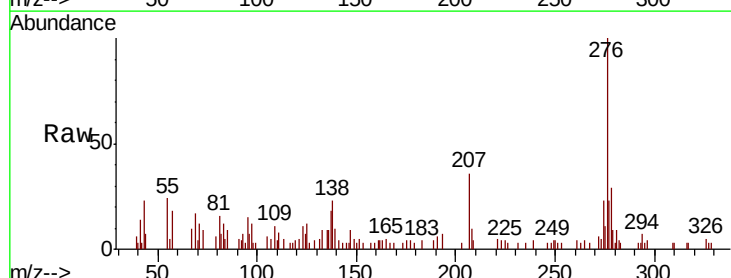
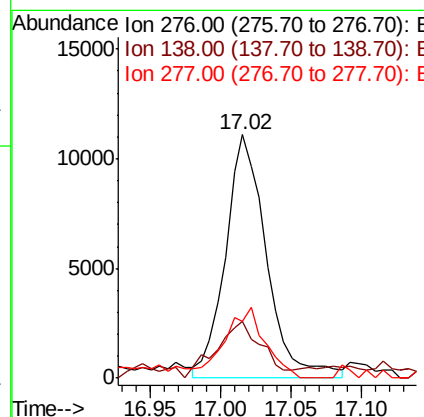
Manual Integrations
APPROVED

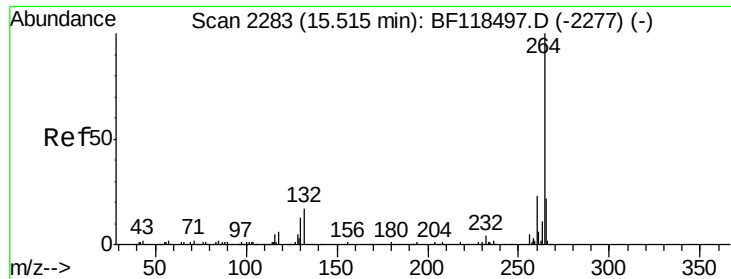
mohammad
1/9/2020 12:10:57 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.163 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF118508.D
Acq: 8 Jan 2020 19:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.0	28.4
277	28.4	20.5	30.7





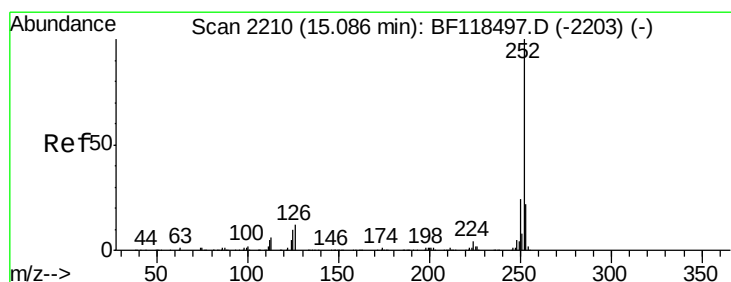
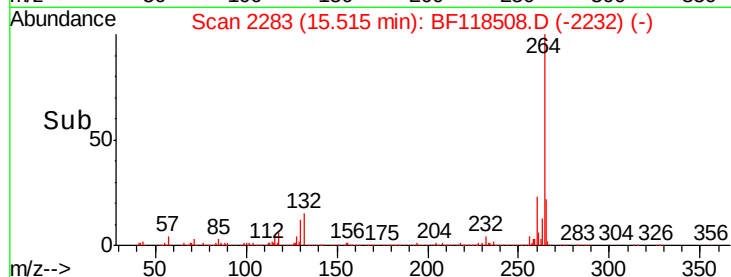
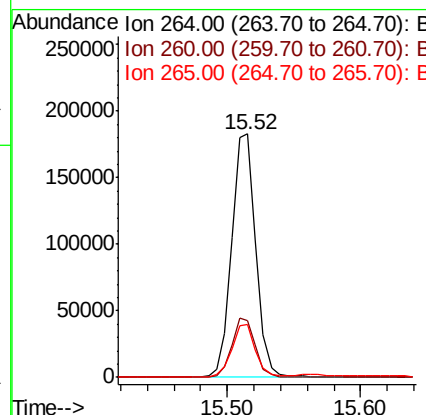
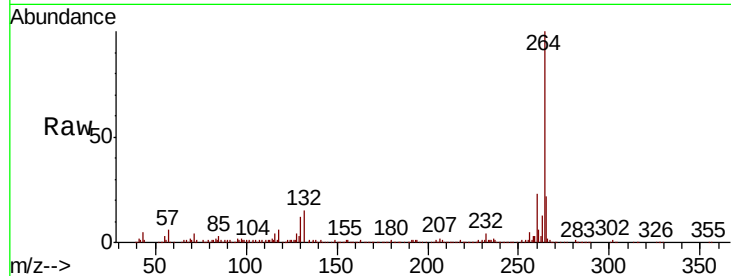
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118508.D
Acq: 8 Jan 2020 19:49

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.8	17.5	26.3

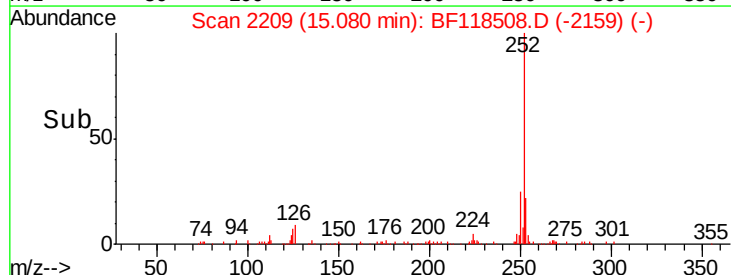
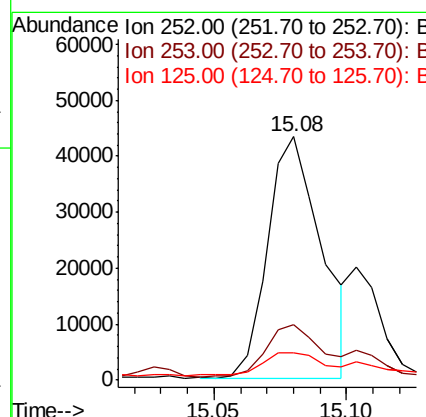
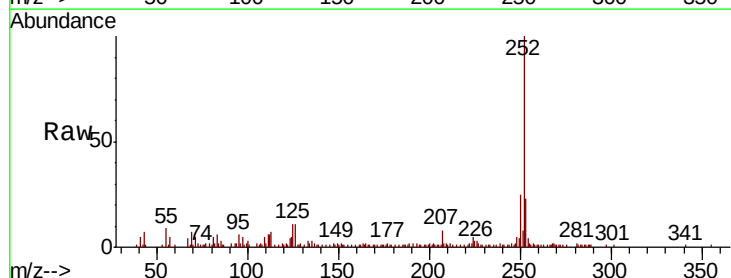
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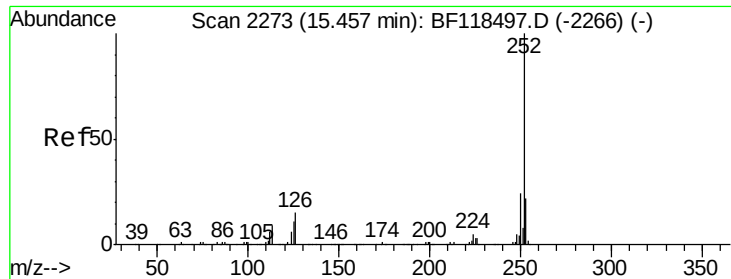
mohammad
1/9/2020 12:10:57 PM



#88
Benzo(b)fluoranthene
Concen: 3.637 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118508.D
Acq: 8 Jan 2020 19:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	11.3	7.8	11.6





#90
 Benzo(a)pyrene
 Concen: 2.875 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF118508.D
 Acq: 8 Jan 2020 19:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.8	17.7	26.5
125	13.0	9.0	13.6

Manual Integrations
 APPROVED

mohammad
 1/9/2020 12:10:57 PM

