

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118541.D
 Acq On : 13 Jan 2020 20:09
 Operator : JU
 Sample : L1106-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-02-03-0-32

Manual Integrations
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Quant Time: Jan 14 12:53:24 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	70895	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	248773	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	126275	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	236961	20.00	ng	0.00
76) Chrysene-d12	14.00	240	116899	20.00	ng	-0.01
87) Perylene-d12	15.48	264	208942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	348837	81.22	ng	0.00
7) Phenol-d6	6.46	99	369351	71.93	ng	0.00
23) Nitrobenzene-d5	7.38	82	282952	59.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	145606	97.72	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	450676	51.19	ng	-0.01
79) Terphenyl-d14	12.94	244	386461	52.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	51950	5.360	ng	99
71) Phenanthrene	11.38	178	44848	3.379	ng	98
75) Fluoranthene	12.57	202	68209	5.056	ng	99
78) Pyrene	12.80	202	67086	6.975	ng	98
80) Butylbenzylphthalate	13.41	149	12601	2.861	ng	92
81) Benzo(a)anthracene	13.99	228	23254	2.842	ng	97
83) Chrysene	14.03	228	20945	2.634	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	22350	3.491	ng	92
88) Benzo(b)fluoranthene	15.05	252	34150m	2.261	ng	
90) Benzo(a)pyrene	15.42	252	30299	2.448	ng	92

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

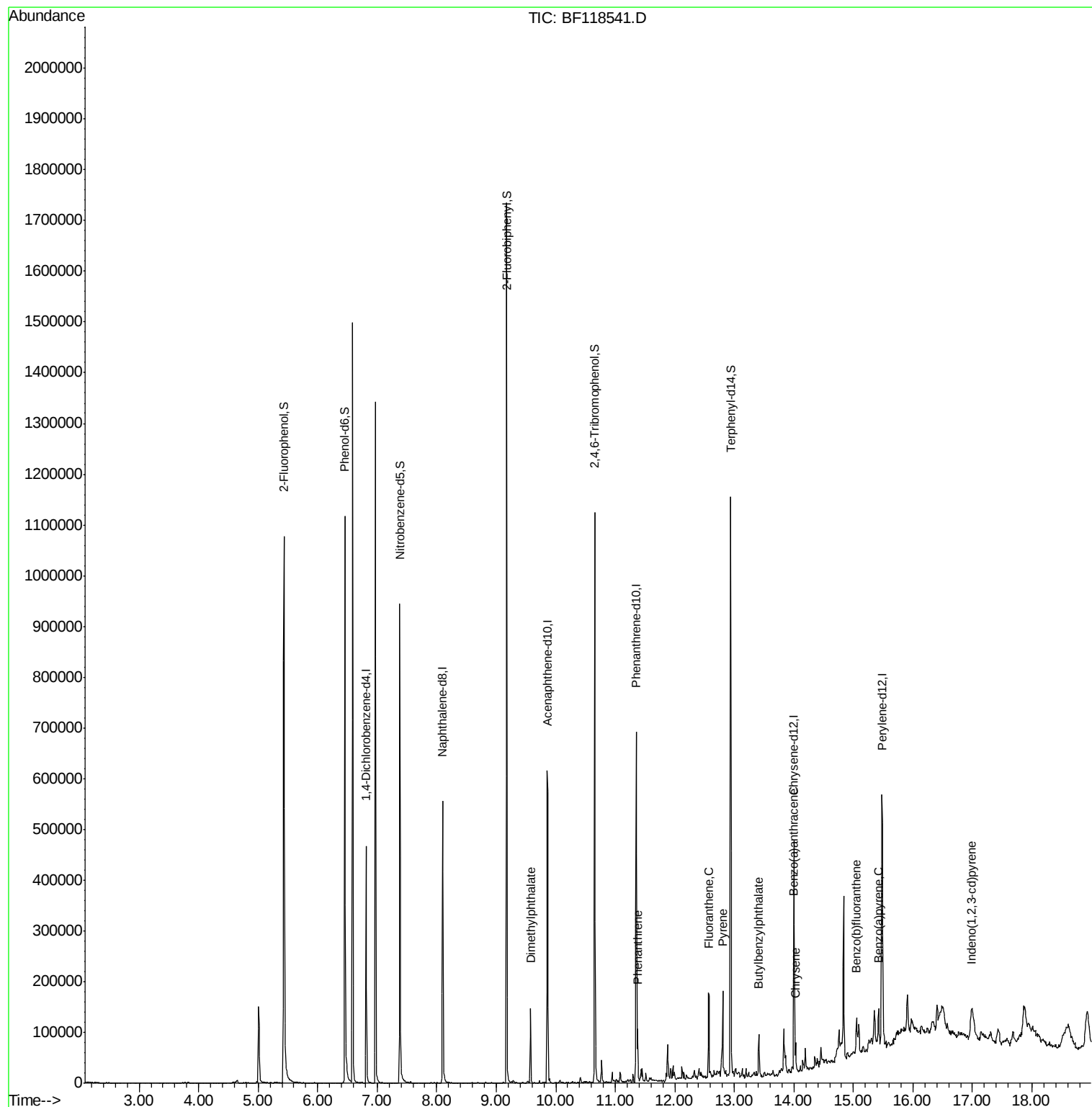
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118541.D
Acq On : 13 Jan 2020 20:09
Operator : JU
Sample : L1106-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

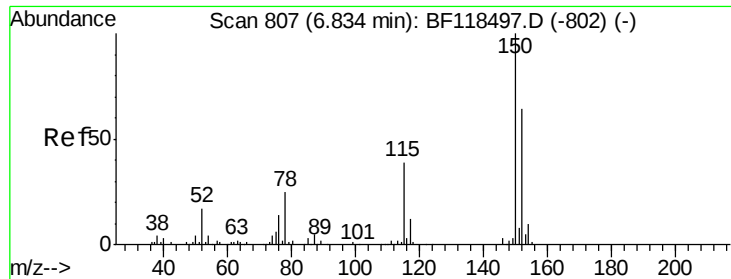
Instrument :
BNA_F
ClientSampleId :
CIY1-SB-02-03-0-32

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Quant Time: Jan 14 12:53:24 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





#1

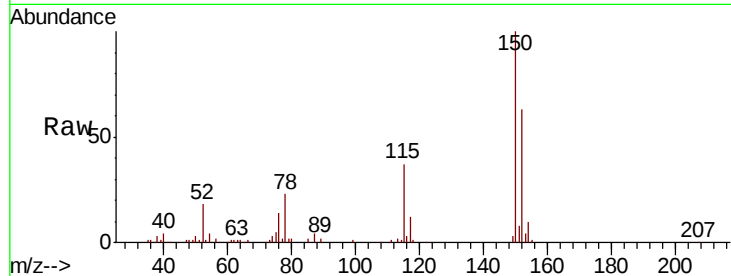
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-02-03-0-32

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.4	188.0
115	58.2	53.2	79.8

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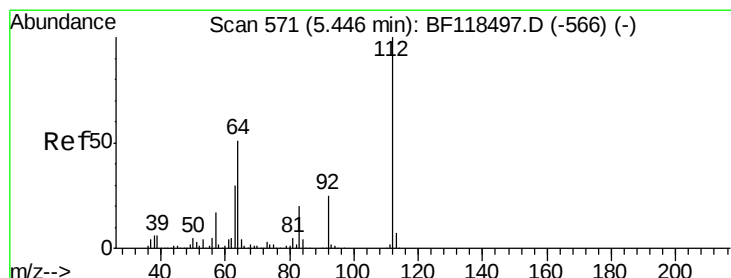
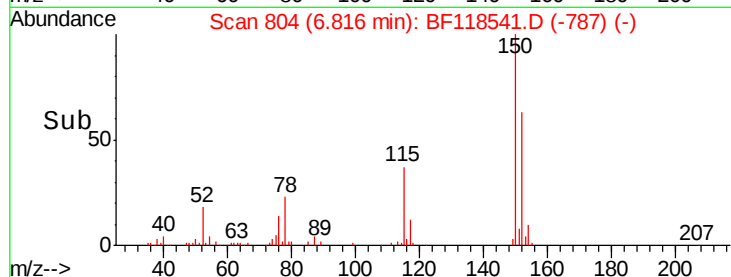
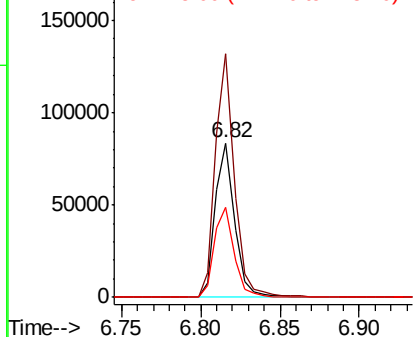


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

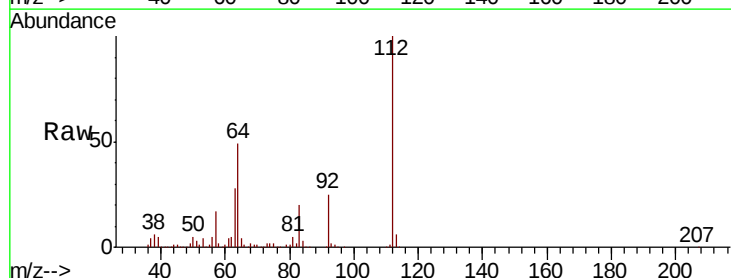
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.225 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.1	43.4	65.0
63	28.0	25.5	38.3

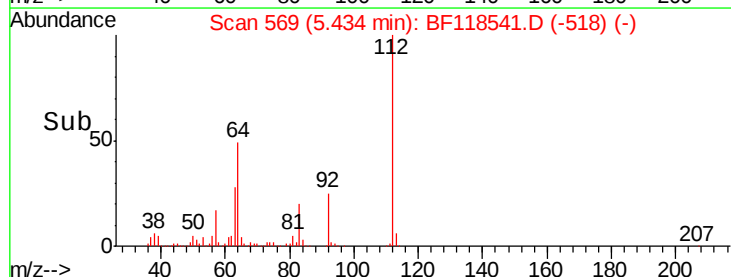
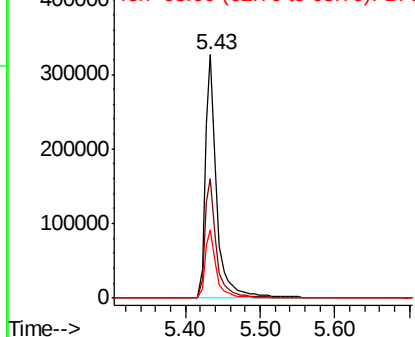


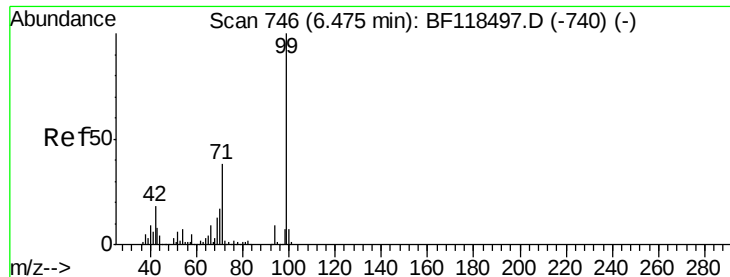
Abundance

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: 71.934 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF118541.D

Acq: 13 Jan 2020 20:09

Instrument :

BNA_F

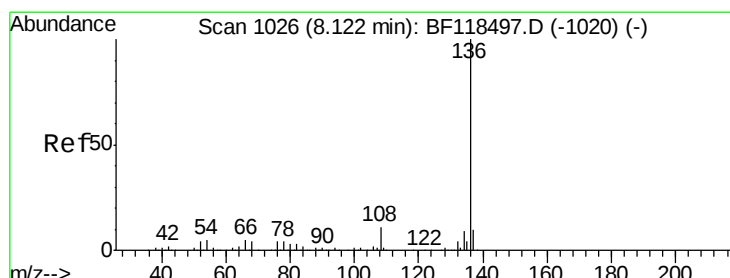
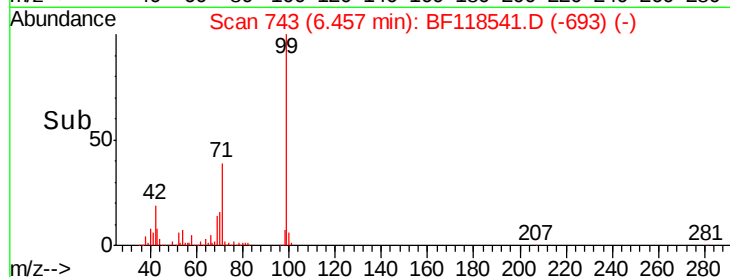
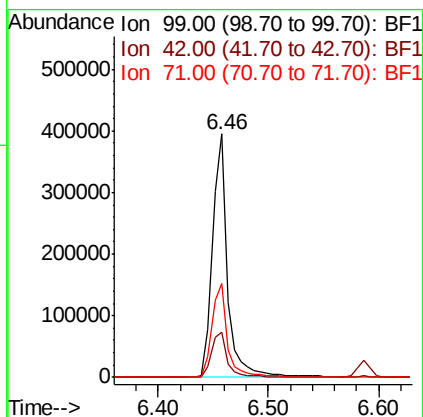
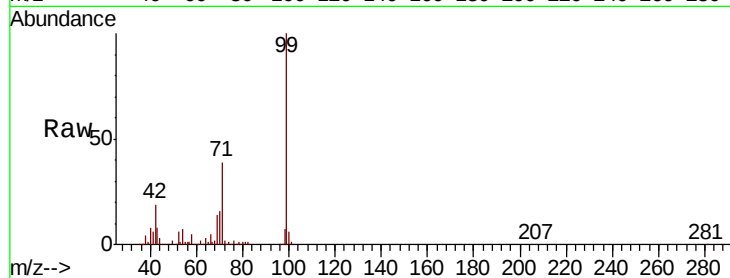
ClientSampleId :

CIY1-SB-02-03-0-32

Tot Ion:	99	Resp:	369351
Ion Ratio	Lower	Upper	
99	100		
42	18.5	15.0	22.4
71	38.6	31.4	47.0

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#21

Naphthalene-d8

Concen: 20.000 ng

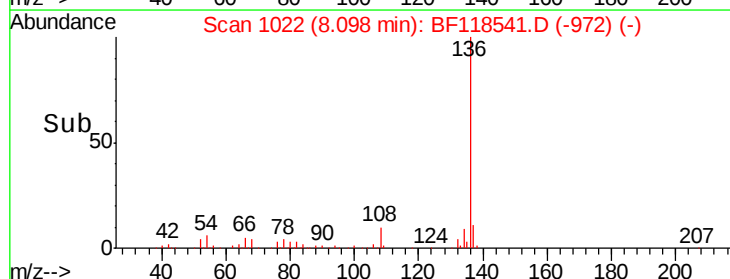
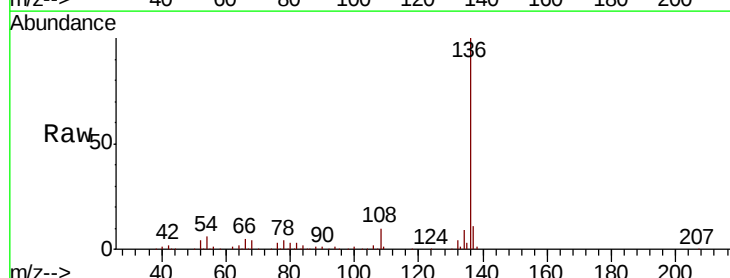
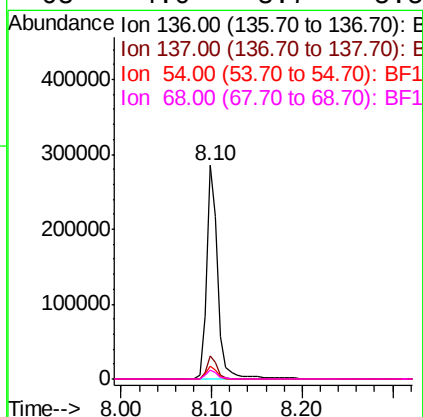
RT: 8.10 min Scan# 1022

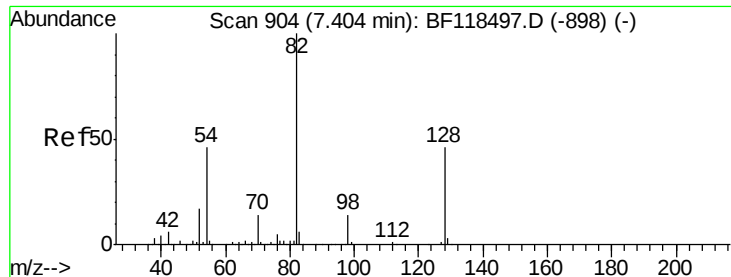
Delta R.T. -0.01 min

Lab File: BF118541.D

Acq: 13 Jan 2020 20:09

Tgt Ion:	136	Resp:	248773
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	5.9	4.8	7.2
68	4.0	3.7	5.5





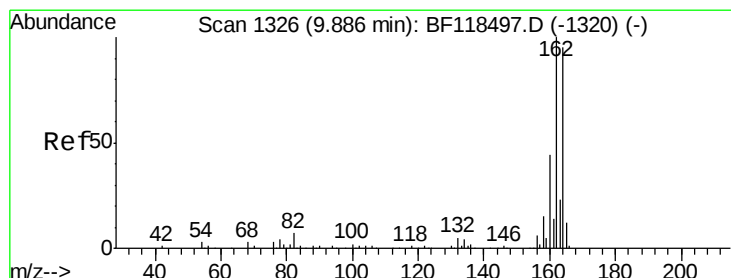
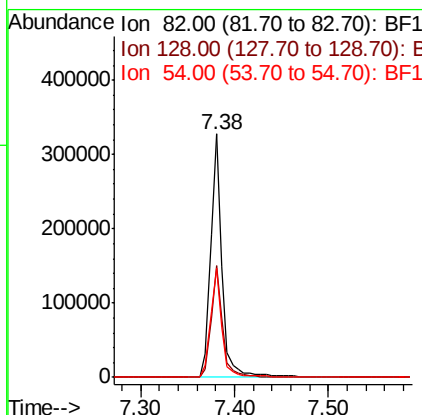
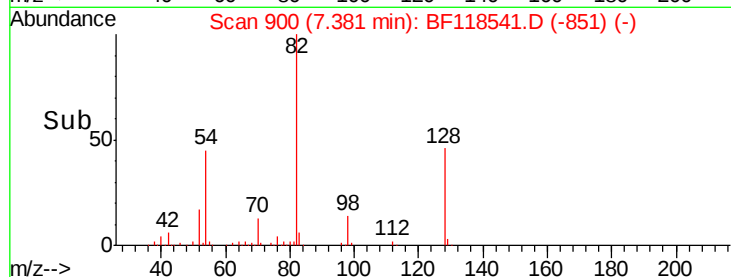
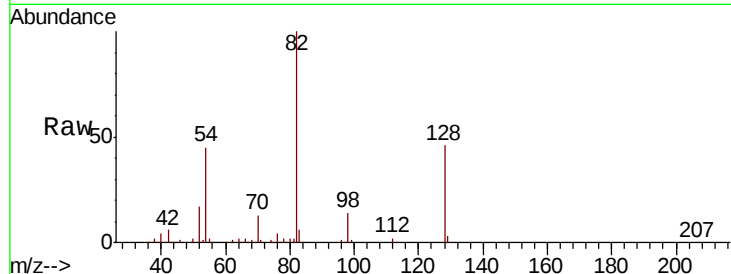
#23
Nitrobenzene-d5
Concen: 59.749 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-02-03-0-32

Tot Ion	82	Resp	282952
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.6	54.8
54	45.0	38.2	57.2

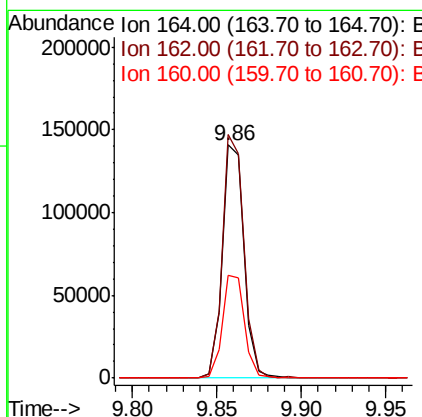
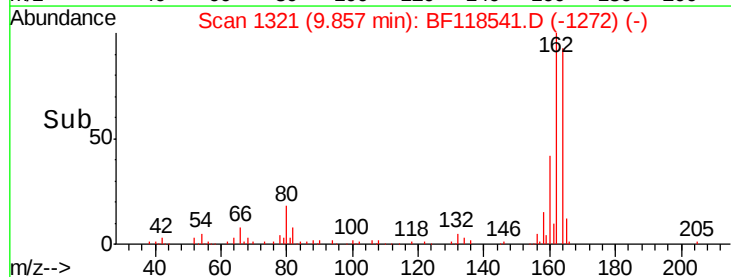
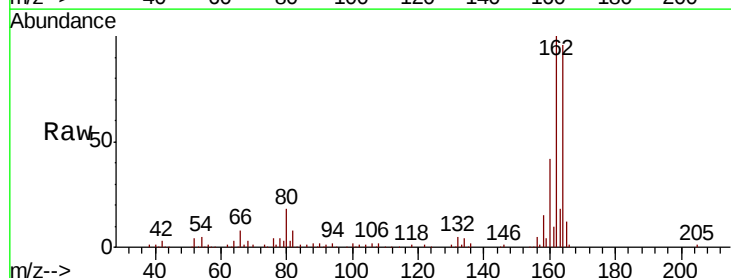
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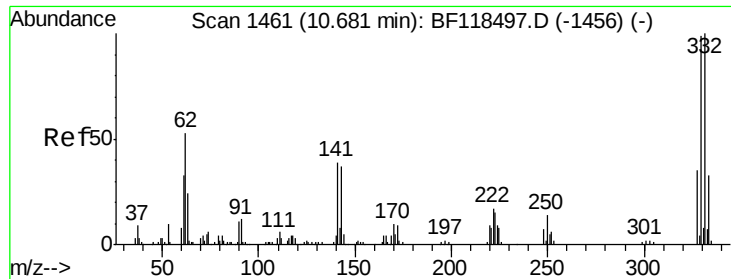
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Tgt Ion	164	Resp	126275
Ion Ratio	Lower	Upper	
164	100		
162	104.5	82.3	123.5
160	44.1	35.3	52.9





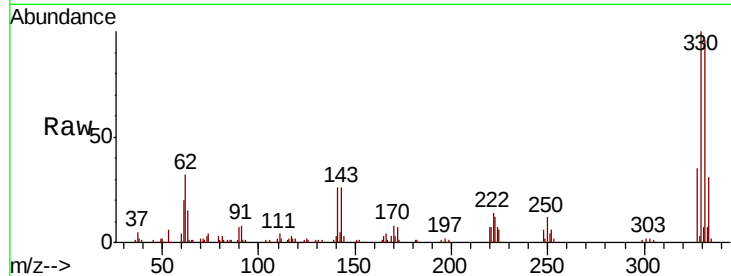
#42
 2,4,6-Tribromophenol
 Concen: 97.721 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF118541.D
 Acq: 13 Jan 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-02-03-0-32

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	75.5	113.3	
141	32.6	27.8	41.6	

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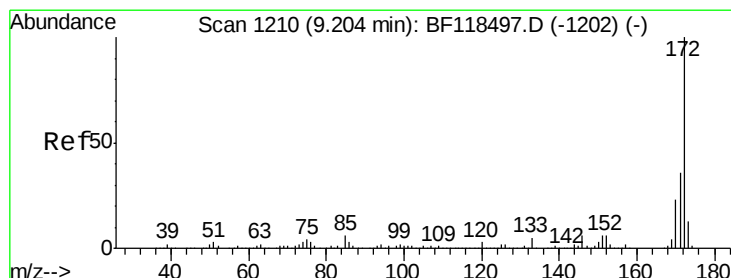
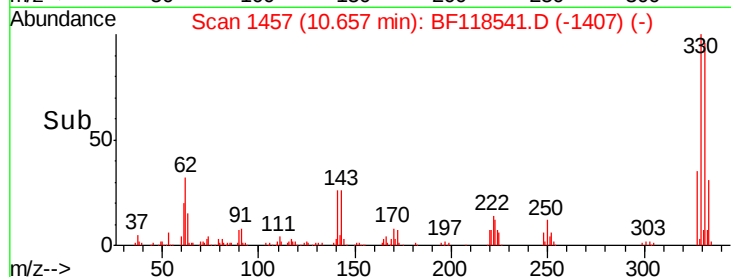
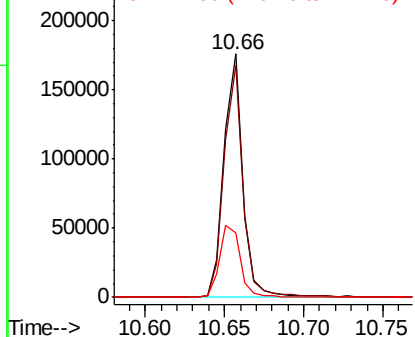


Abundance

Ion 329.80 (329.50 to 330.50): E

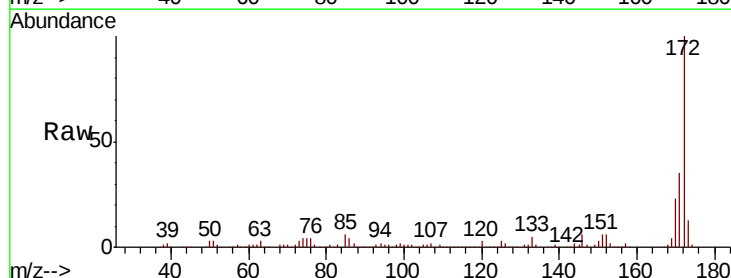
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 51.187 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF118541.D
 Acq: 13 Jan 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	28.3	42.5	
170	23.3	19.0	28.4	

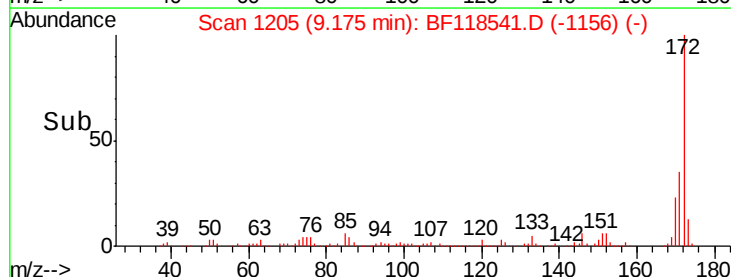
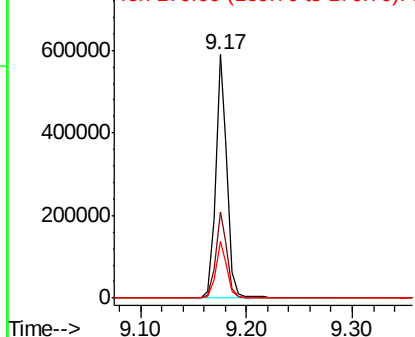


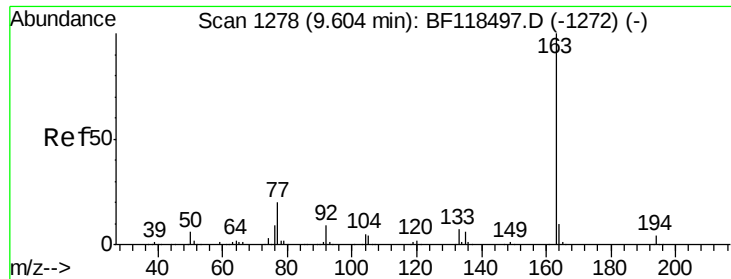
Abundance

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





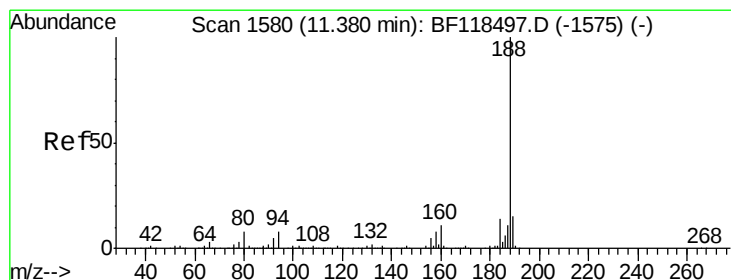
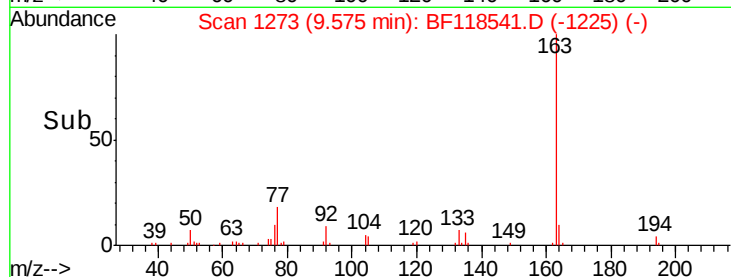
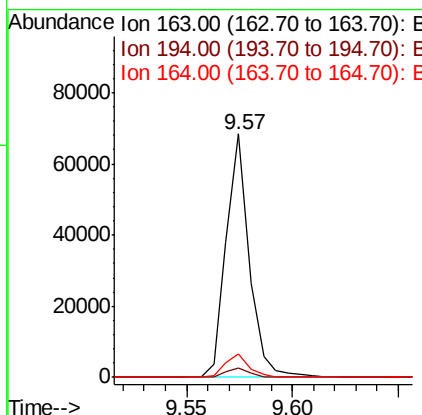
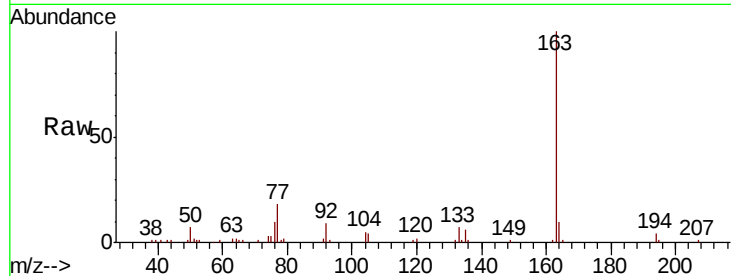
#50
Dimethylphthalate
Concen: 5.360 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-02-03-0-32

Tot Ion	Ratio	Resp	Lower	Upper
163	100	51950		
194	4.1		3.1	4.7
164	9.8		8.0	12.0

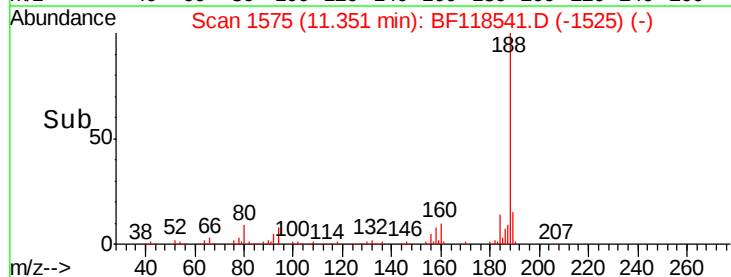
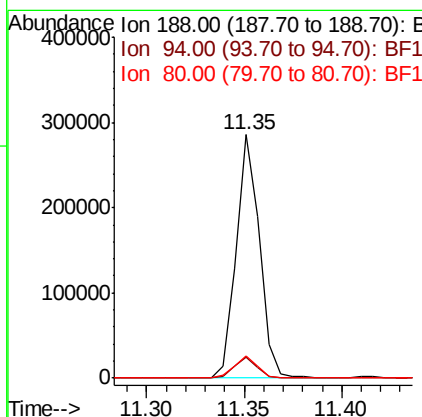
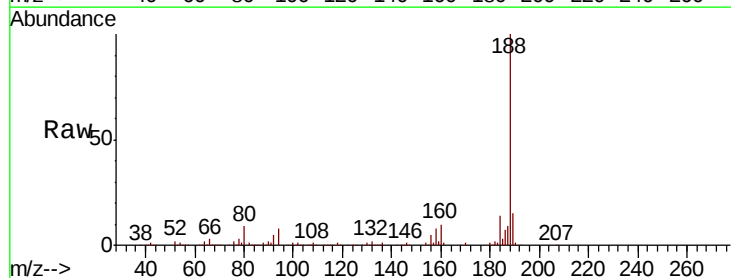
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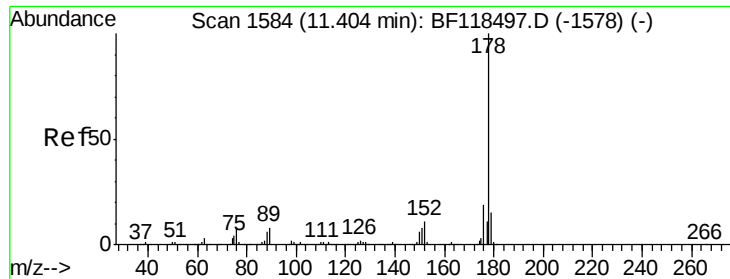
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	236961		
94	8.3		6.3	9.5
80	9.0		6.8	10.2





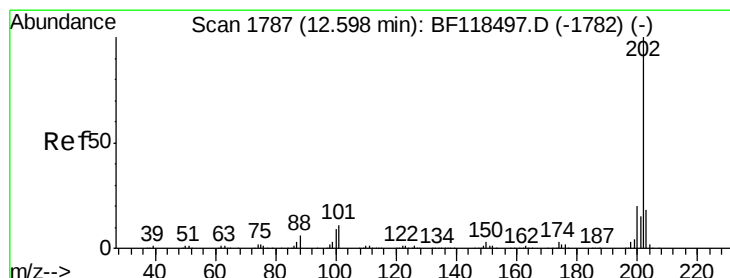
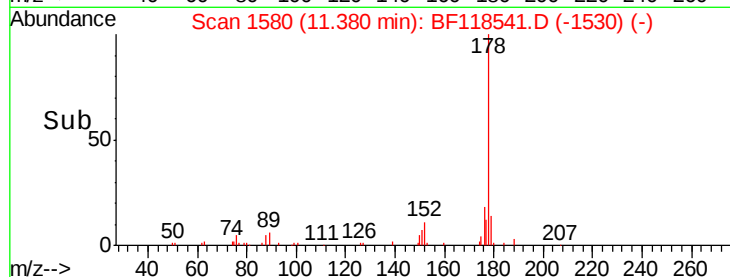
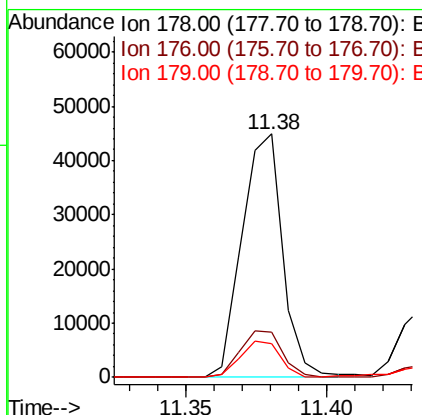
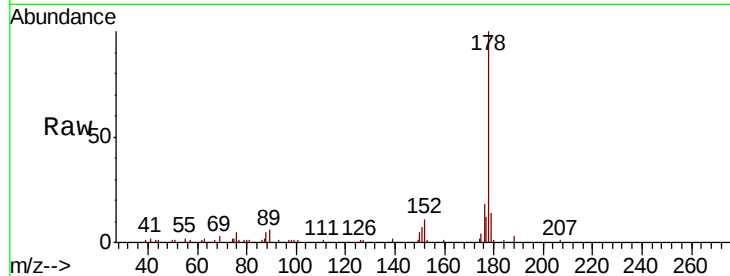
#71
Phenanthrene
Concen: 3.379 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-02-03-0-32

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	13.8	12.2	18.2

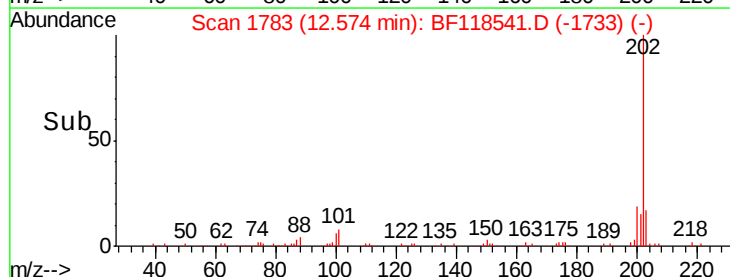
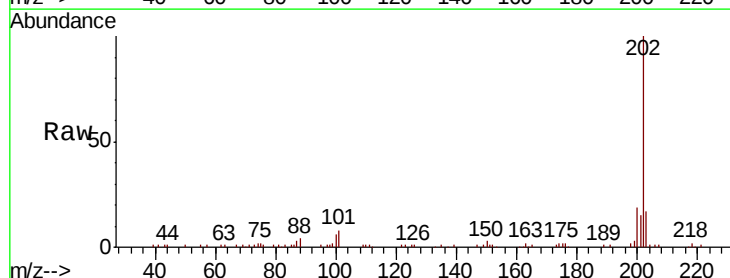
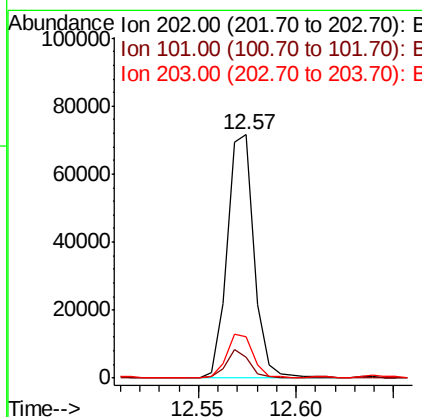
Manual Integrations
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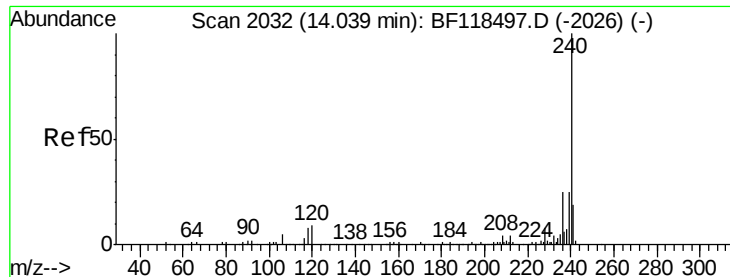
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#75
Fluoranthene
Concen: 5.056 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	29.7
203	17.1	0.0	37.2





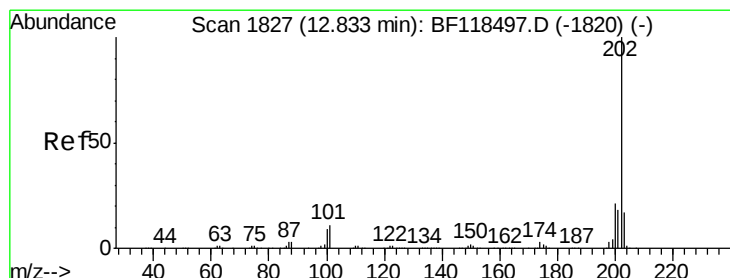
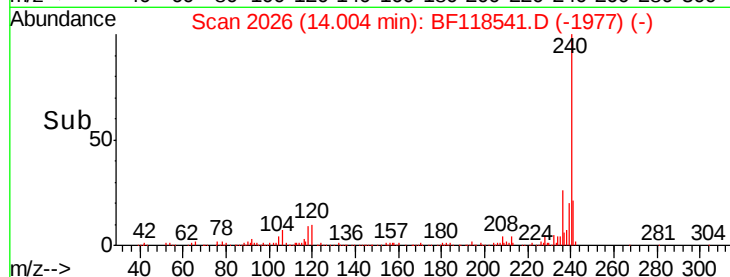
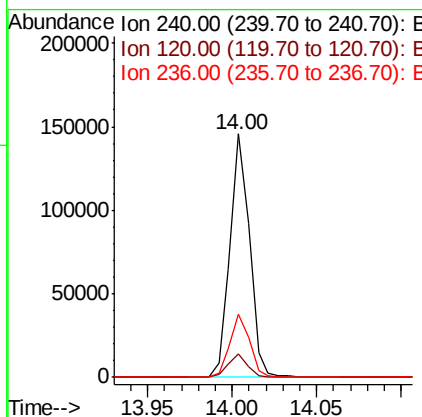
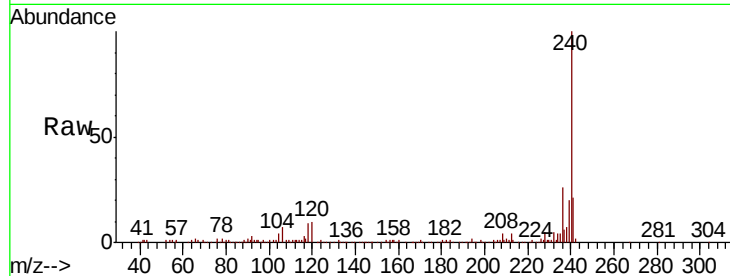
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-02-03-0-32

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.9	10.3
236	26.1	20.6	30.8

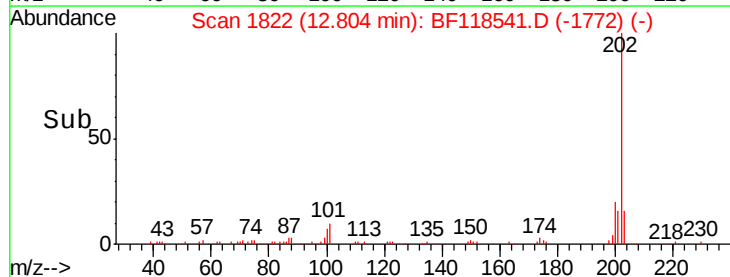
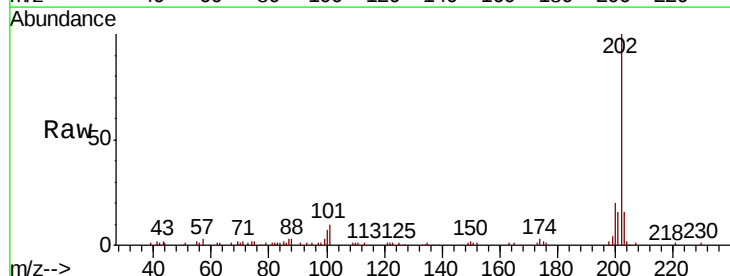
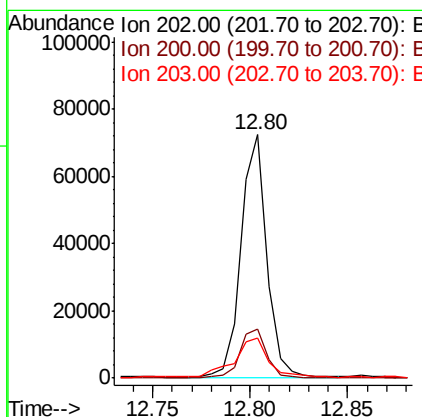
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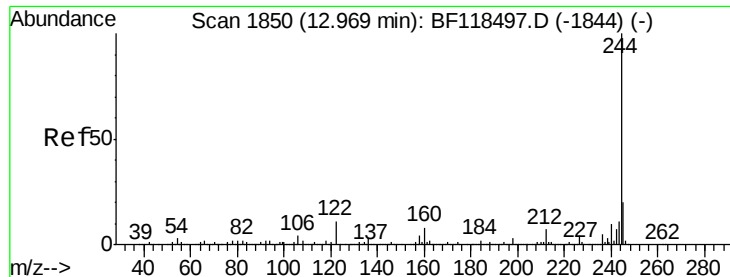
mohammad
1/14/2020 2:31:45 PM



#78
Pyrene
Concen: 6.975 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.4
203	16.4	13.8	20.8





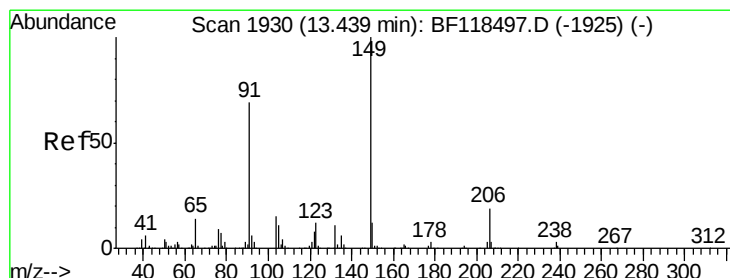
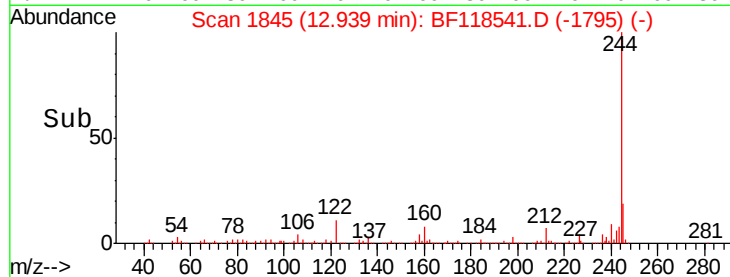
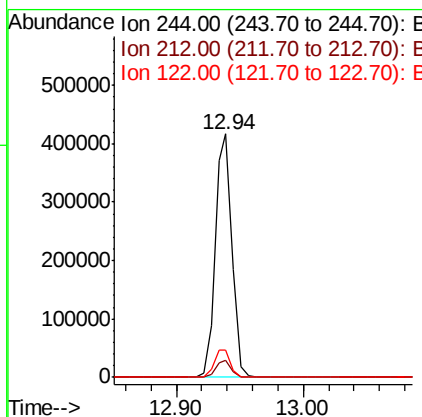
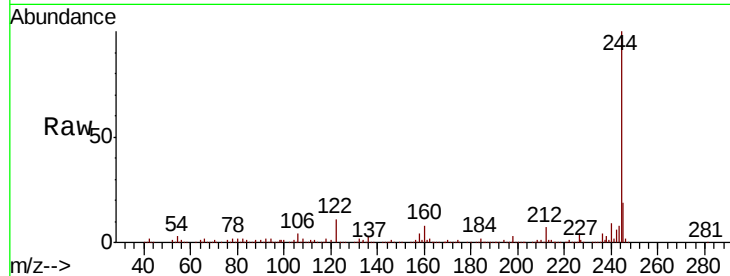
#79
 Terphenyl-d14
 Concen: 52.389 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF118541.D
 Acq: 13 Jan 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-02-03-0-32

Tot Ion:	244	Resp:	386461
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.9	8.9
122	11.3	9.5	14.3

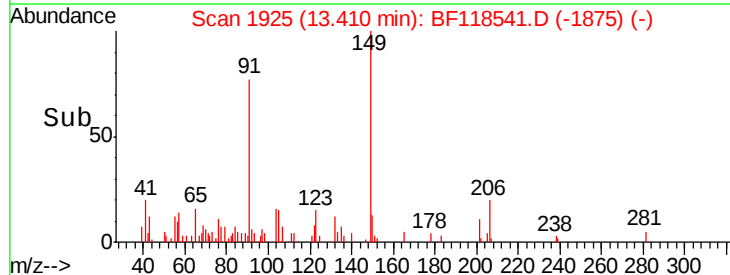
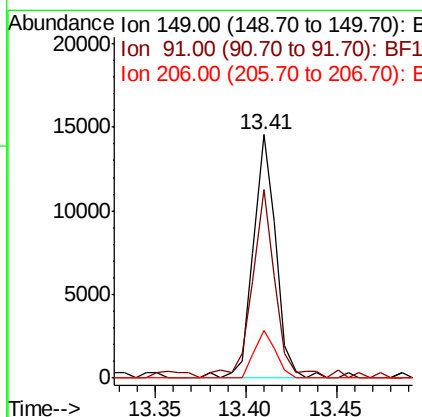
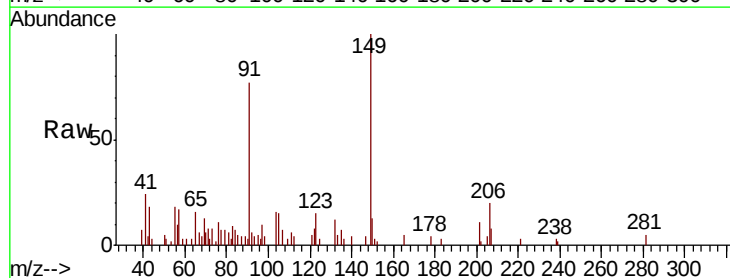
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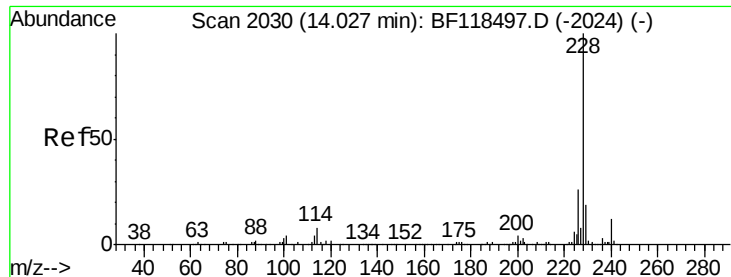
mohammad
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#80
 Butylbenzylphthalate
 Concen: 2.861 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF118541.D
 Acq: 13 Jan 2020 20:09

Tgt Ion:	149	Resp:	12601
Ion Ratio	Lower	Upper	
149	100		
91	77.2	55.5	83.3
206	19.8	15.1	22.7





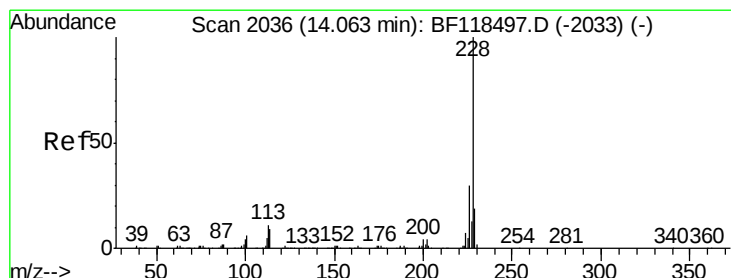
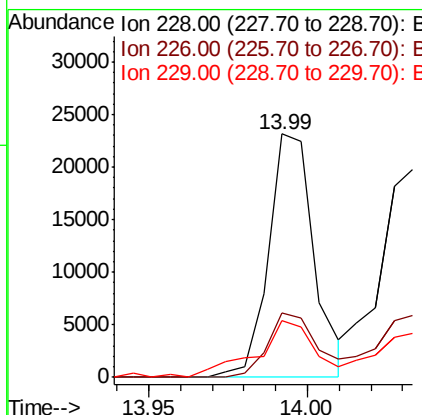
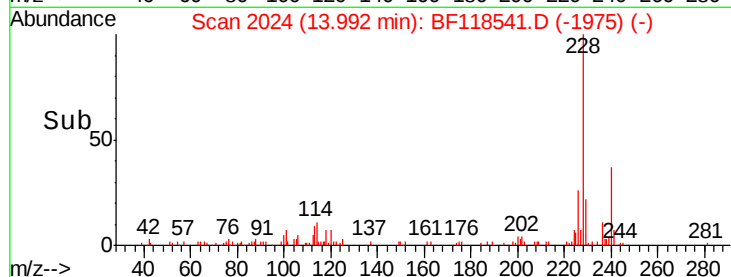
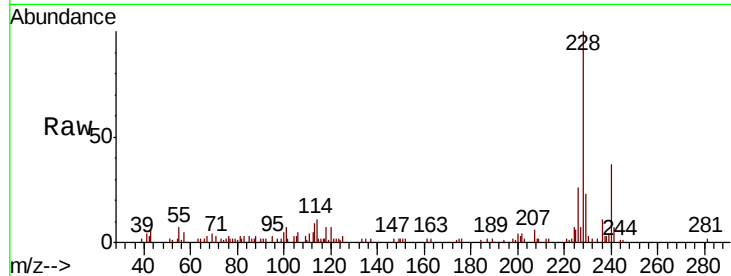
#81
Benzo(a)anthracene
Concen: 2.842 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-02-03-0-32

Tot Ion:	228	Resp:	23254
Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.4	32.0
229	23.3	16.1	24.1

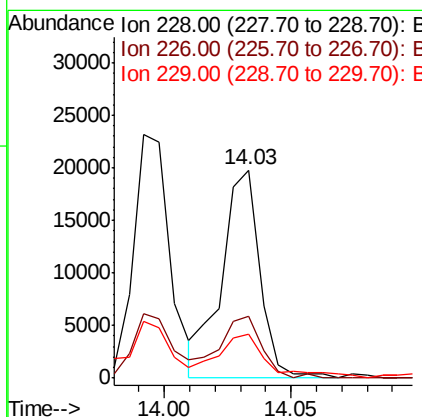
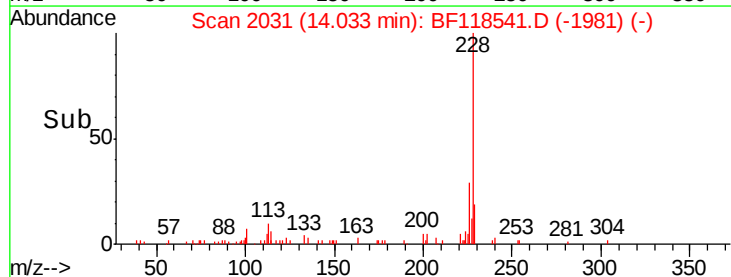
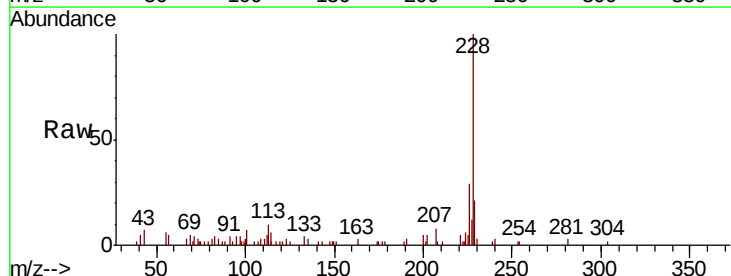
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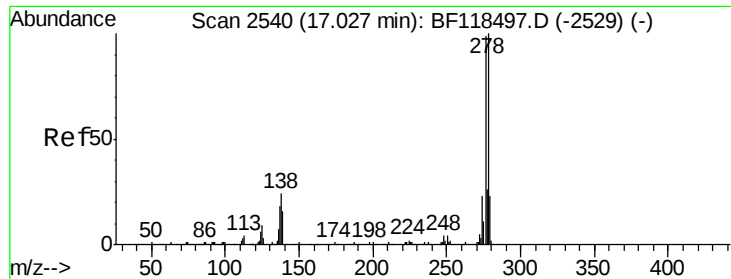
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#83
Chrysene
Concen: 2.634 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Tgt Ion:	228	Resp:	20945
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	20.9	16.2	24.2





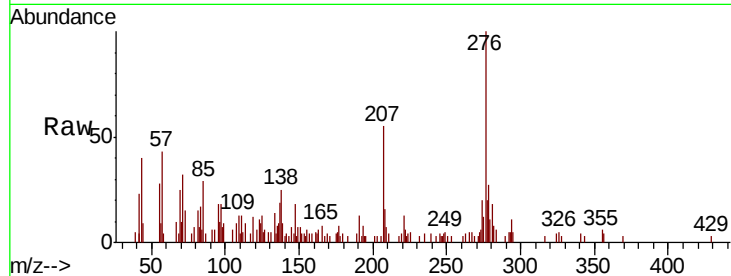
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.491 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.01 min
 Lab File: BF118541.D
 Acq: 13 Jan 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-02-03-0-32

Tot Ion:	276	Resp:	22350
Ion Ratio	Lower	Upper	
276	100		
138	28.0	19.2	28.8
277	29.5	20.4	30.6

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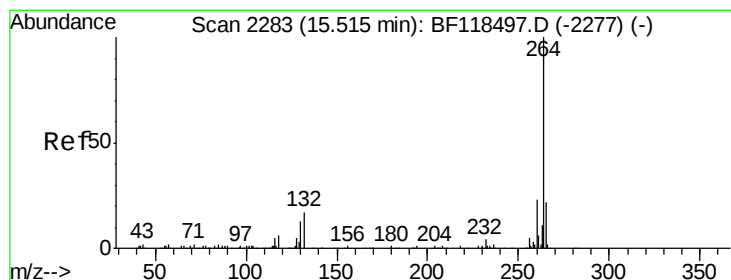
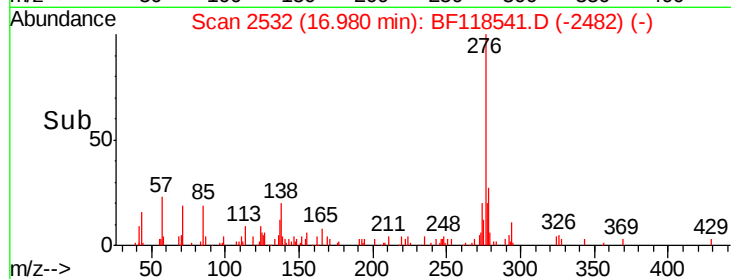
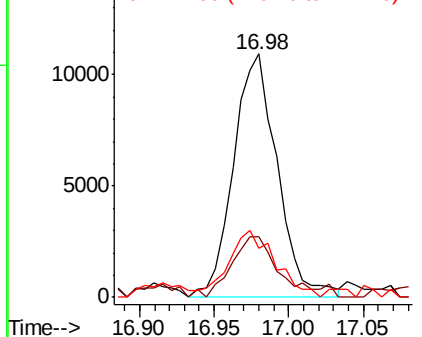


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BF118541.D
 Acq: 13 Jan 2020 20:09

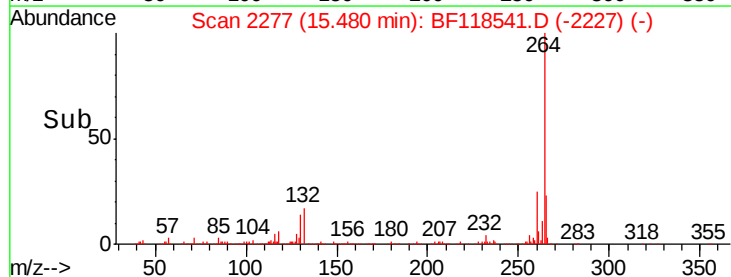
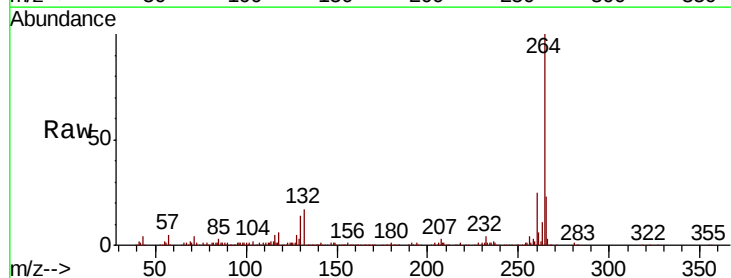
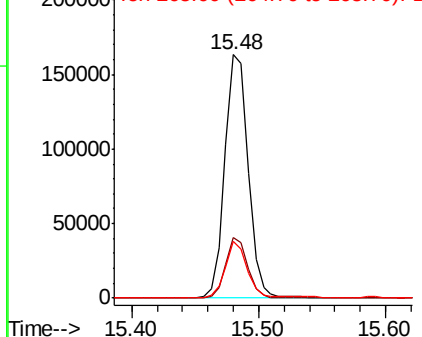
Tgt Ion:	264	Resp:	208942
Ion Ratio	Lower	Upper	
264	100		
260	24.9	18.7	28.1
265	23.2	17.6	26.4

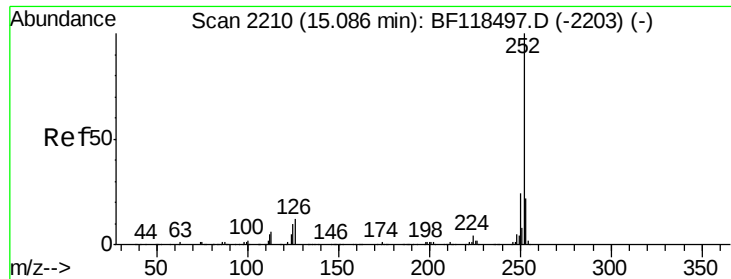
Abundance

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





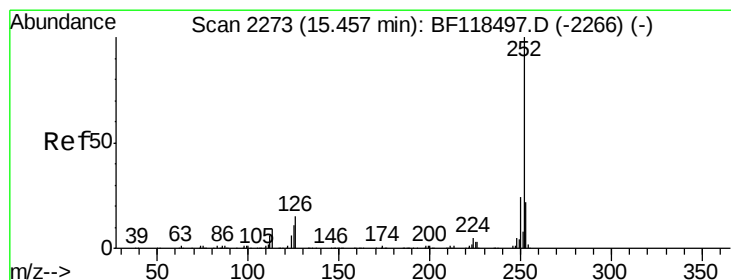
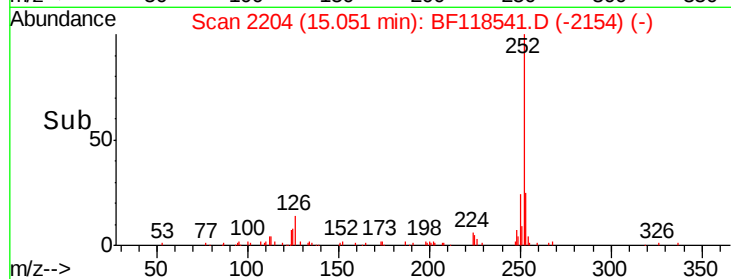
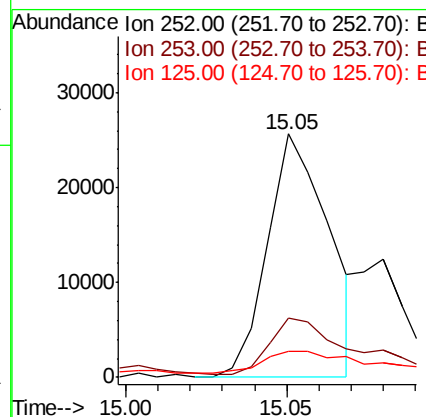
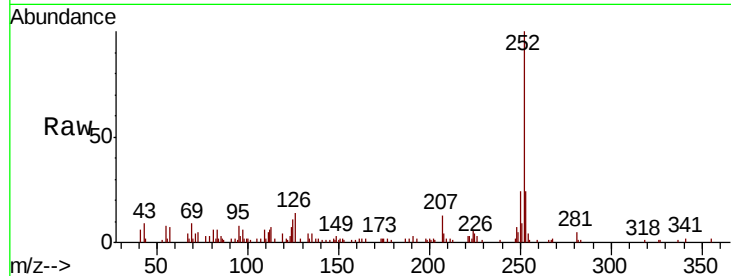
#88
Benzo(b)fluoranthene
Concen: 2.261 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-02-03-0-32

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	10.8	7.4	11.0

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#90
Benzo(a)pyrene
Concen: 2.448 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118541.D
Acq: 13 Jan 2020 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.7	26.5
125	13.0	8.7	13.1

