

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
 Data File : BF118465.D
 Acq On : 3 Jan 2020 19:08
 Operator : JU
 Sample : K6464-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(5-6)

Manual Integrations
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Quant Time: Jan 04 00:51:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	58375	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	237390	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	131692	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	322010	20.00	ng	0.00
76) Chrysene-d12	14.04	240	221918	20.00	ng	-0.01
87) Perylene-d12	15.53	264	222806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	366451	107.16	ng	0.00
7) Phenol-d6	6.49	99	473066	111.51	ng	0.00
23) Nitrobenzene-d5	7.41	82	304299	73.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	226882	139.51	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	605293	70.16	ng	-0.01
79) Terphenyl-d14	12.97	244	957801	71.60	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.60	163	51787	5.239	ng	Qvalue 100
71) Phenanthrene	11.41	178	242225	13.799	ng	99
72) Anthracene	11.46	178	54490	3.101	ng	96
75) Fluoranthene	12.61	202	289120	16.320	ng	99
78) Pyrene	12.84	202	257863	14.229	ng	100
81) Benzo(a)anthracene	14.03	228	123672	7.962	ng	98
83) Chrysene	14.06	228	108397	7.288	ng	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	47110	3.717	ng	96
88) Benzo(b)fluoranthene	15.09	252	131883m	8.917	ng	
89) Benzo(k)fluoranthene	15.12	252	45747m	3.221	ng	
90) Benzo(a)pyrene	15.47	252	94418	7.247	ng	98
92) Benzo(a,h,i)perylene	17.49	276	48073	4.402	ng	98

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

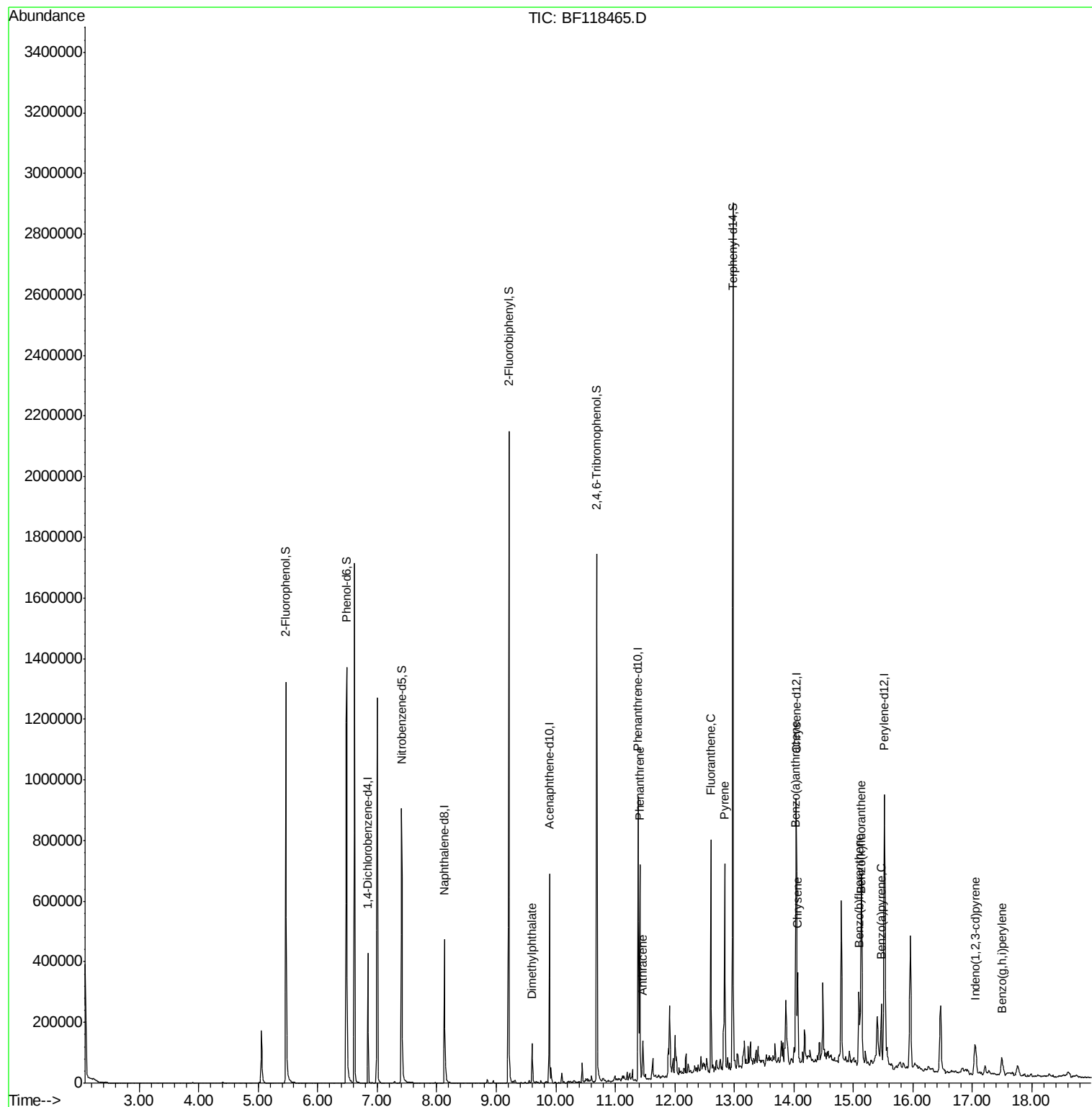
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

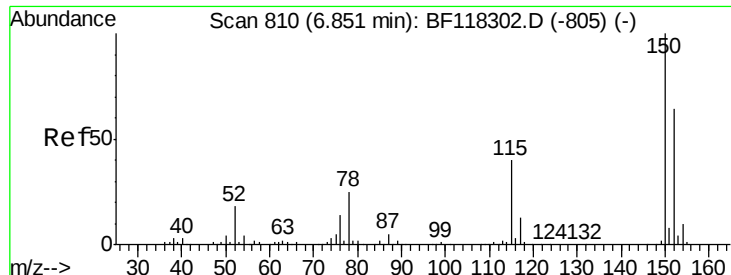
Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
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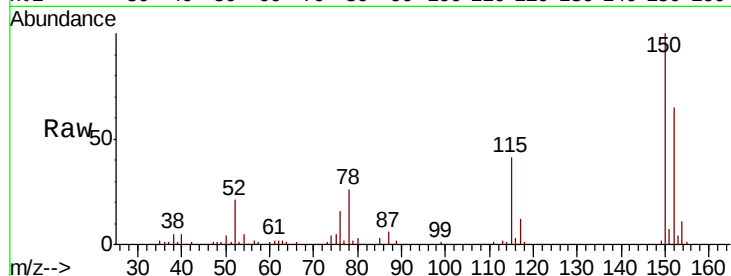
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118465.D
 Acq: 3 Jan 2020 19:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(5-6)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.4	188.2
115	63.4	50.2	75.4

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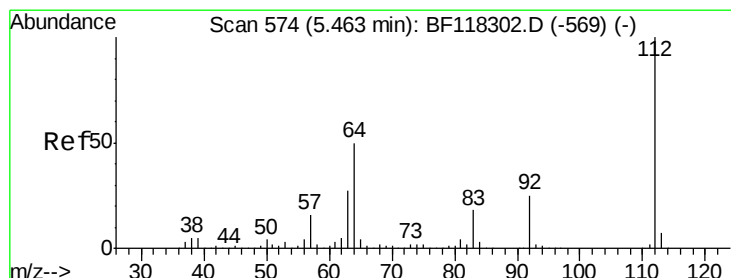
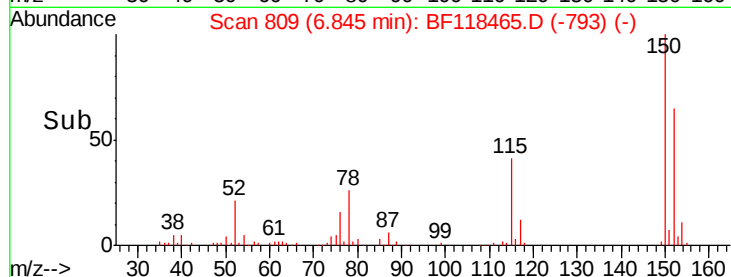
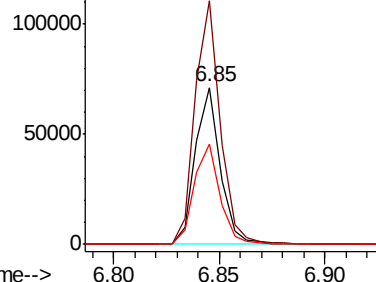


Abundance

Ion 152.00 (151.70 to 152.70): E

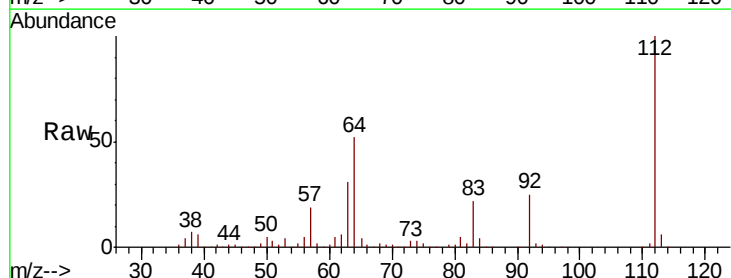
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 107.157 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF118465.D
 Acq: 3 Jan 2020 19:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	39.7	59.5
63	31.0	21.7	32.5

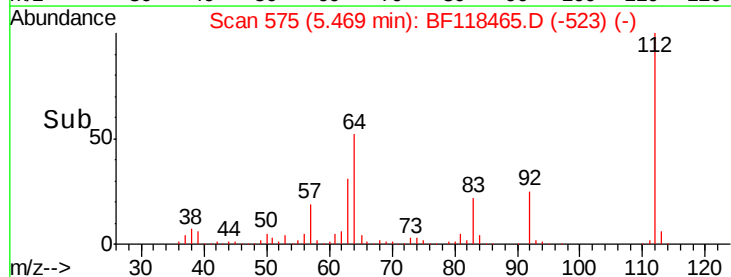
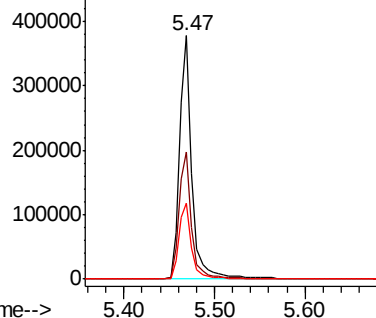


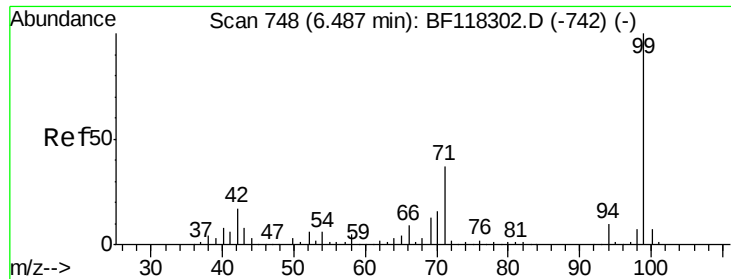
Abundance

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: 111.512 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118465.D

Acq: 3 Jan 2020 19:08

Instrument :

BNA_F

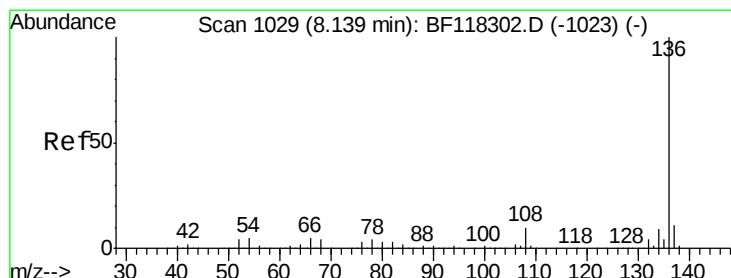
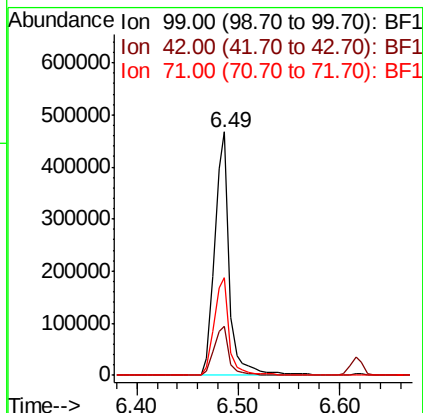
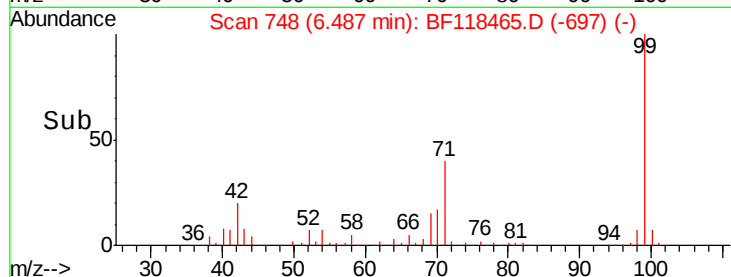
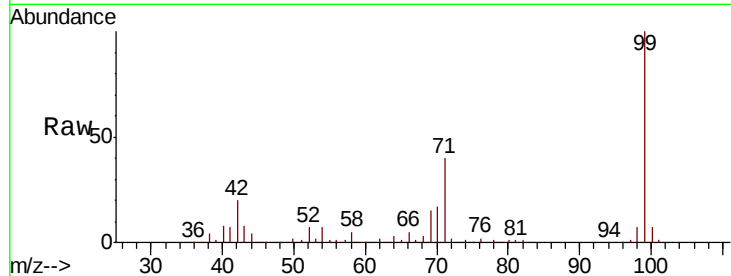
ClientSampleId :

SB-4-(5-6)

Tot Ion:	99	Resp:	473066
Ion Ratio	Lower	Upper	
99	100		
42	20.1	13.5	20.3
71	40.3	29.4	44.2

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#21

Naphthalene-d8

Concen: 20.000 ng

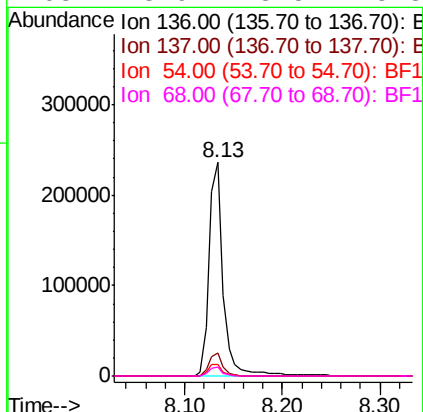
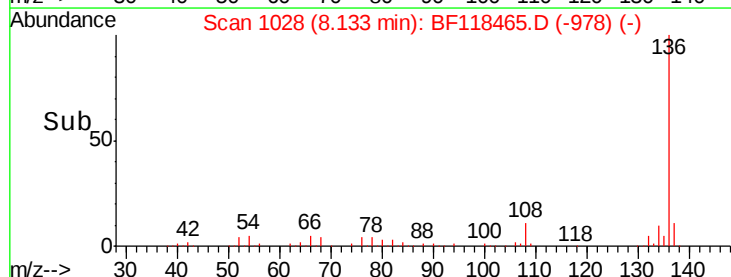
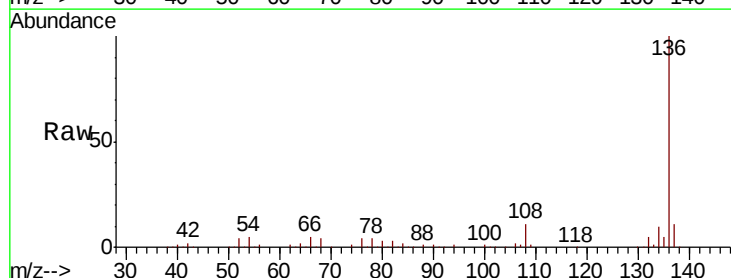
RT: 8.13 min Scan# 1028

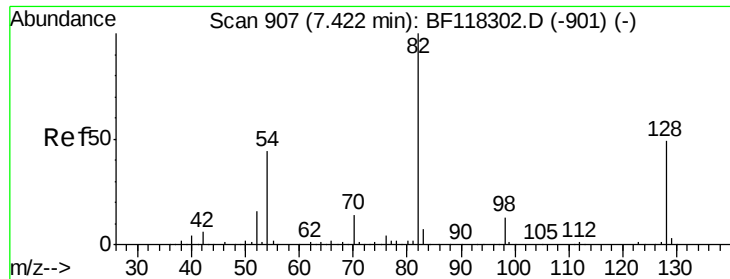
Delta R.T. -0.01 min

Lab File: BF118465.D

Acq: 3 Jan 2020 19:08

Tgt Ion:	136	Resp:	237390
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	5.5	4.2	6.4
68	3.9	3.5	5.3





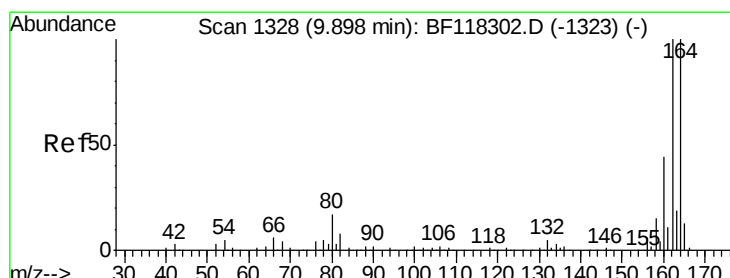
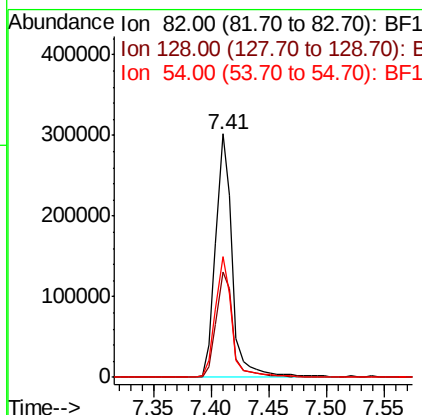
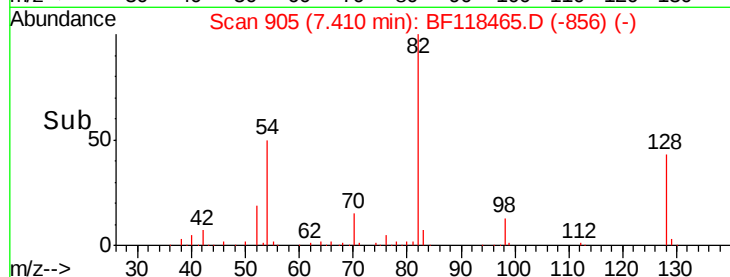
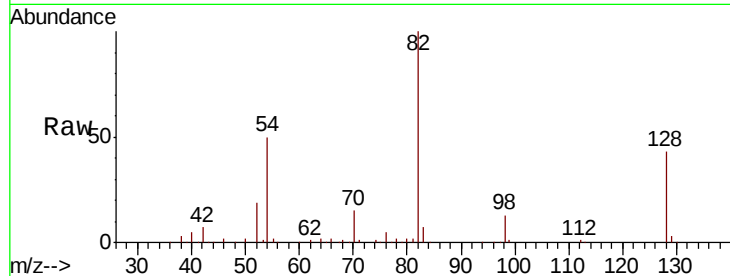
#23
Nitrobenzene-d5
Concen: 73.315 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampled :
SB-4-(5-6)

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	39.6	59.4
54	49.6	34.9	52.3

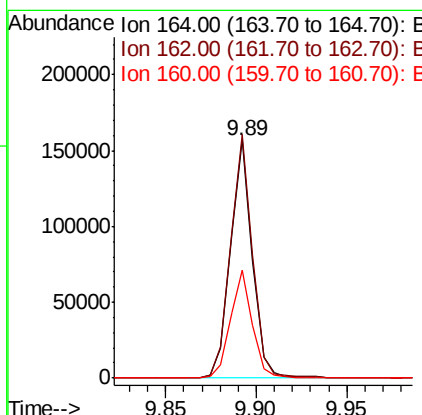
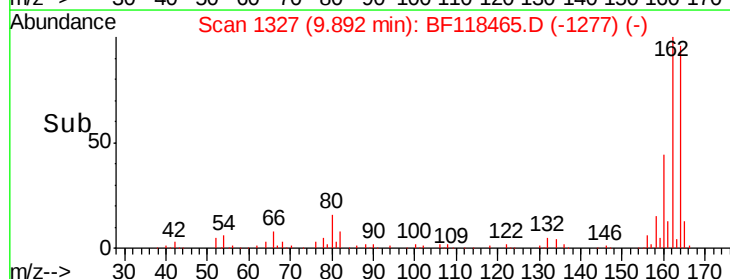
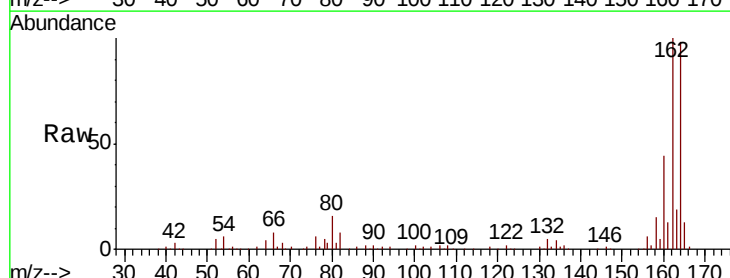
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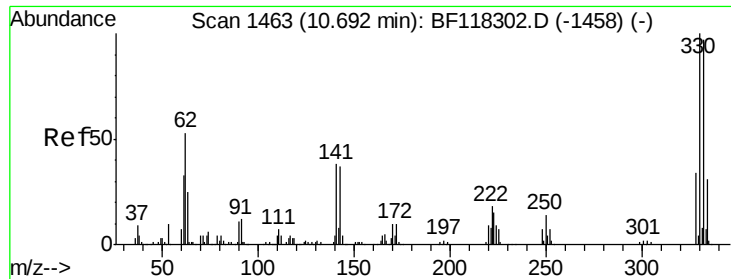
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.0	120.0
160	45.3	34.8	52.2





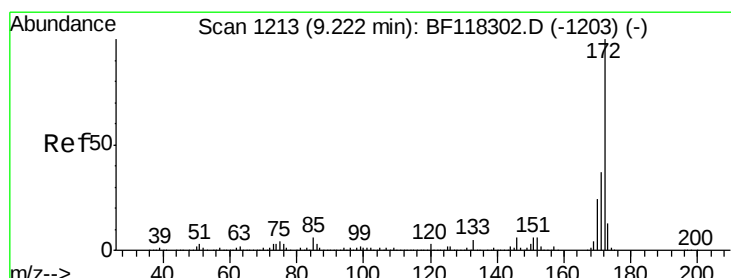
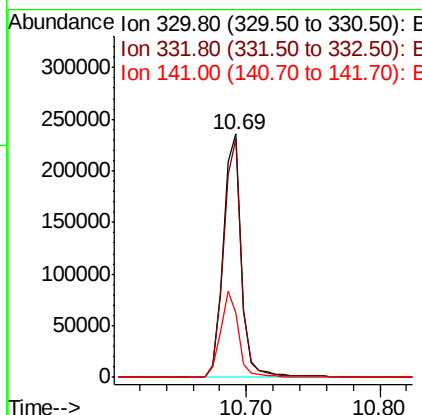
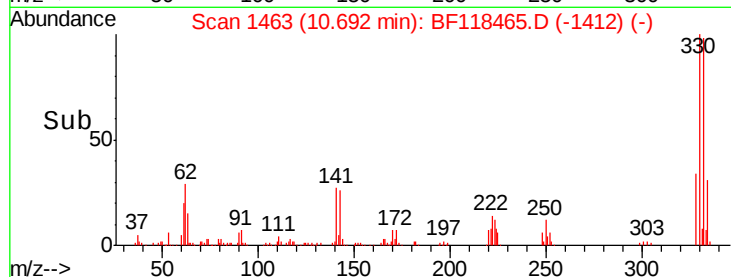
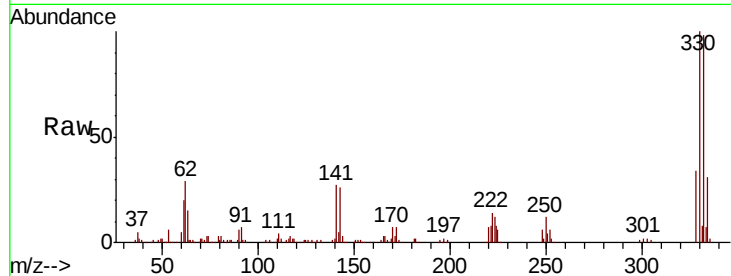
#42
 2,4,6-Tribromophenol
 Concen: 139.508 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF118465.D
 Acq: 3 Jan 2020 19:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(5-6)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	226882		
332	97.3	76.6	114.8	
141	35.2	26.0	39.0	

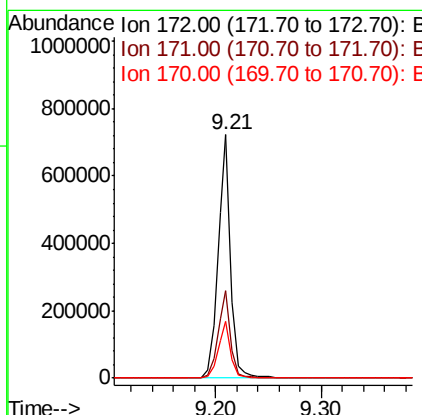
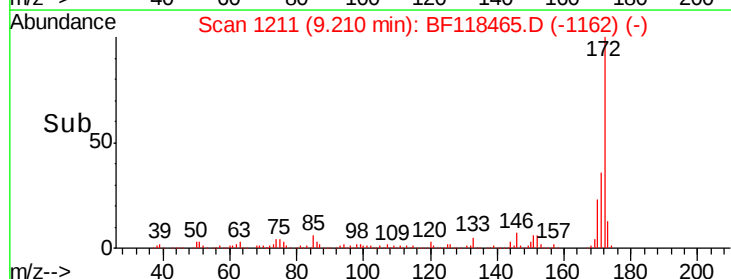
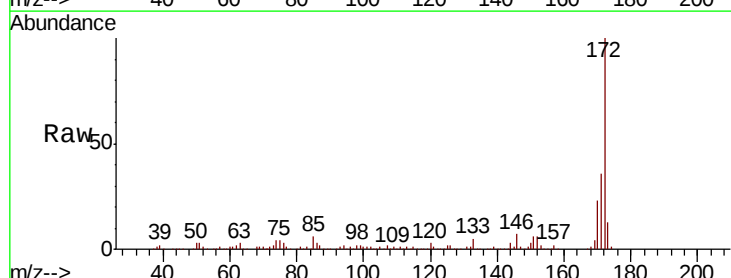
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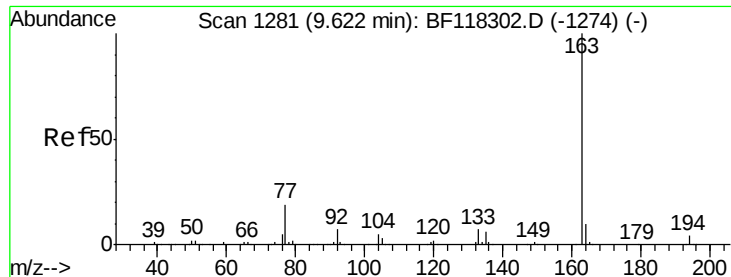
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#45
 2-Fluorobiphenyl
 Concen: 70.161 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118465.D
 Acq: 3 Jan 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	605293		
171	36.1	29.3	43.9	
170	23.2	19.2	28.8	





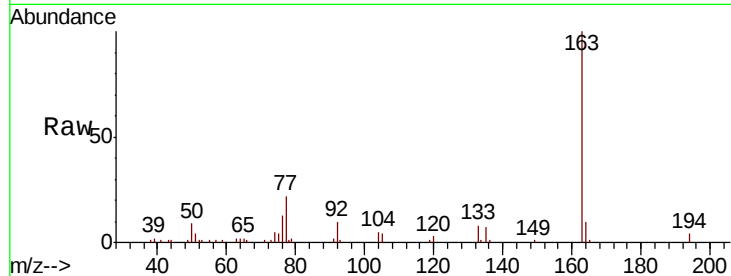
#50
Dimethylphthalate
Concen: 5.239 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

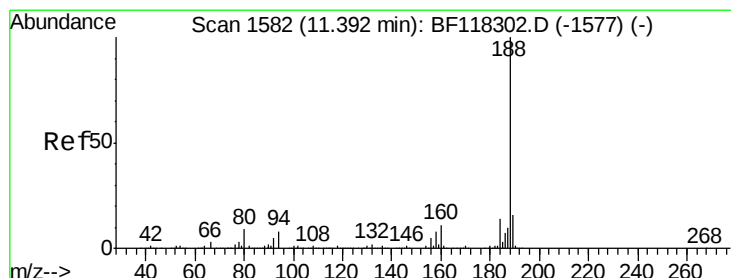
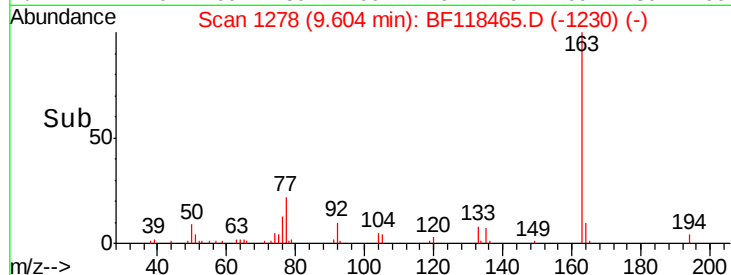
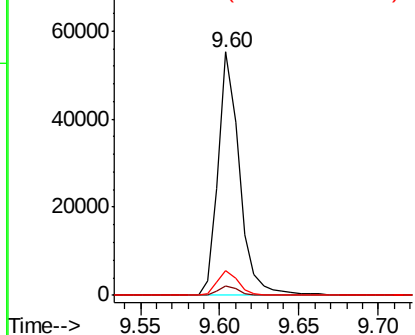
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	7.9	11.9

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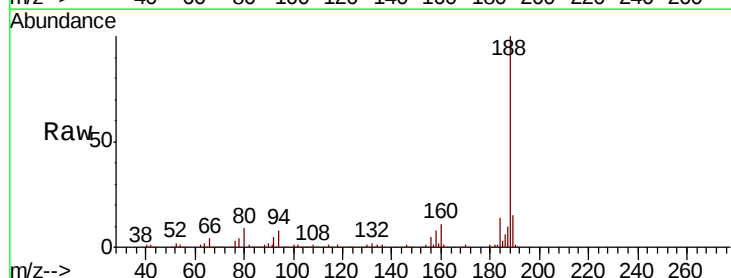


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

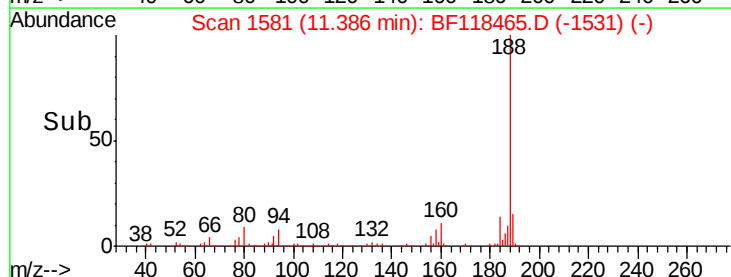
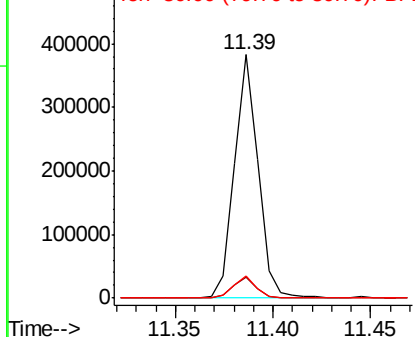


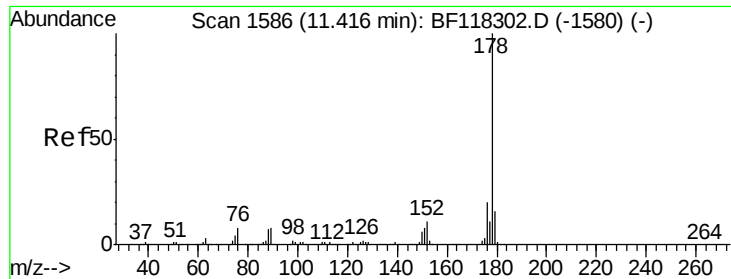
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.0	7.2	10.8



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





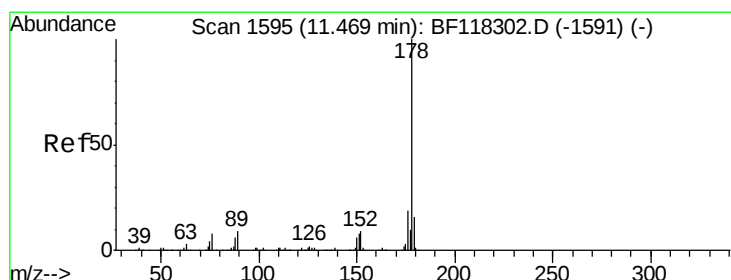
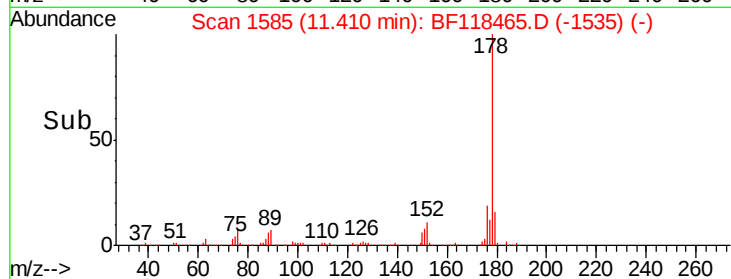
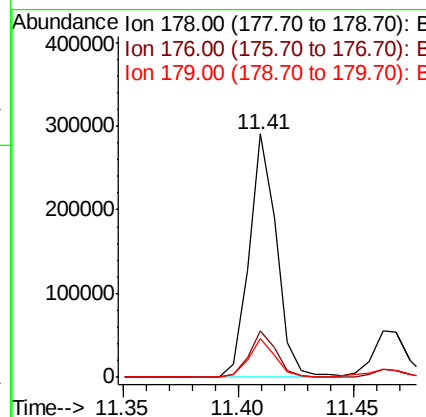
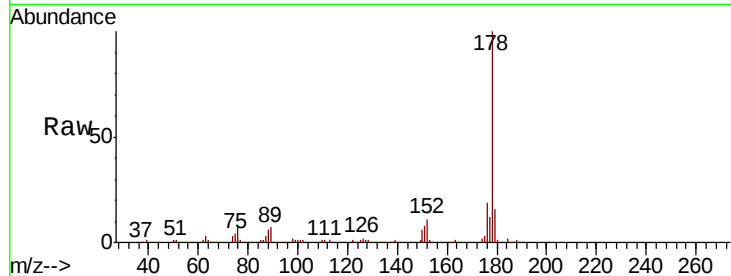
#71
Phenanthrene
Concen: 13.799 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.7	12.6	19.0

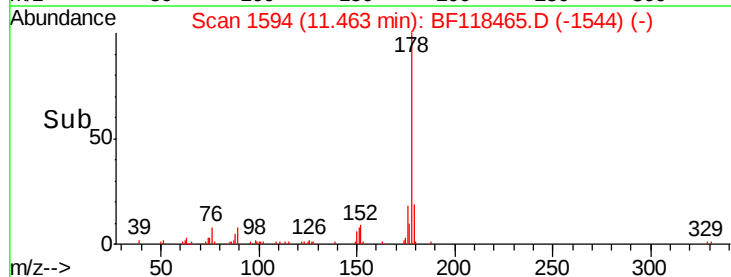
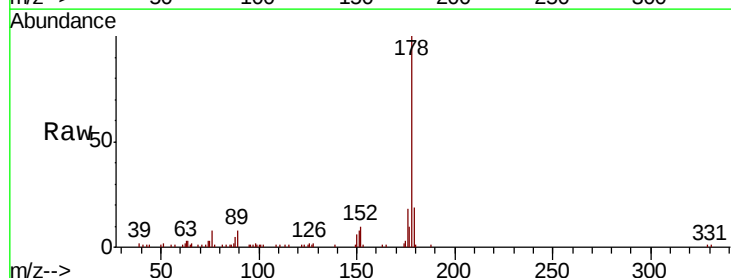
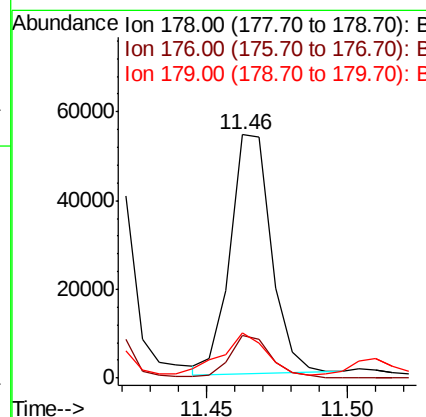
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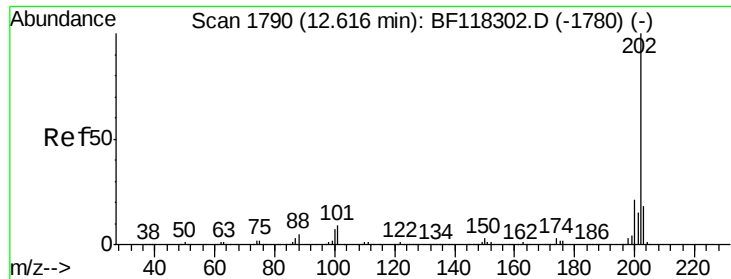
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#72
Anthracene
Concen: 3.101 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.2	22.8
179	18.7	12.9	19.3





#75

Fluoranthene

Concen: 16.320 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118465.D

Acq: 3 Jan 2020 19:08

Instrument :

BNA_F

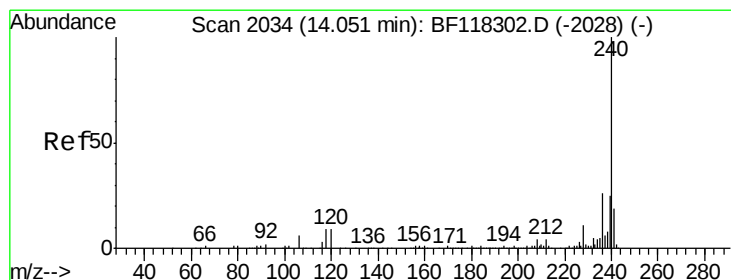
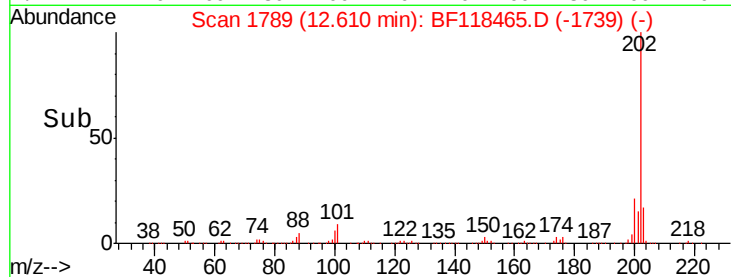
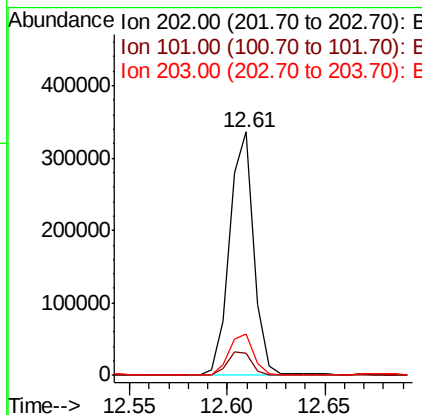
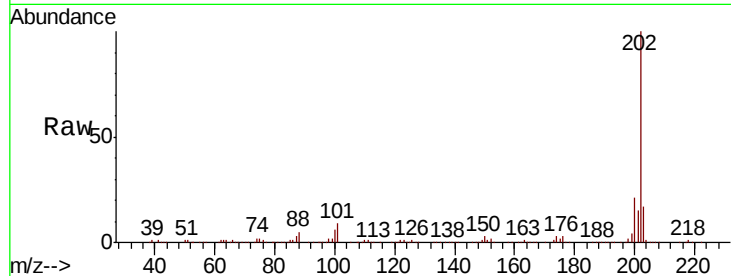
ClientSampleId :

SB-4-(5-6)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	289120		
101	9.3	0.0	29.5	
203	16.8	0.0	37.6	

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#76

Chrysene-d12

Concen: 20.000 ng

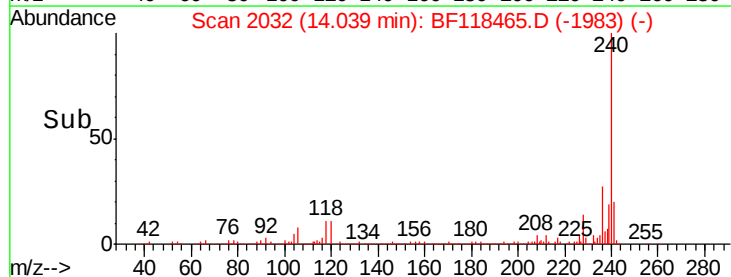
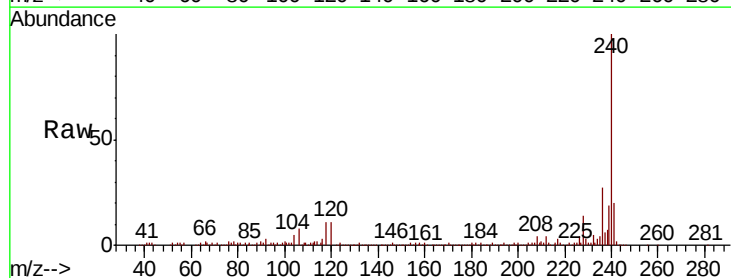
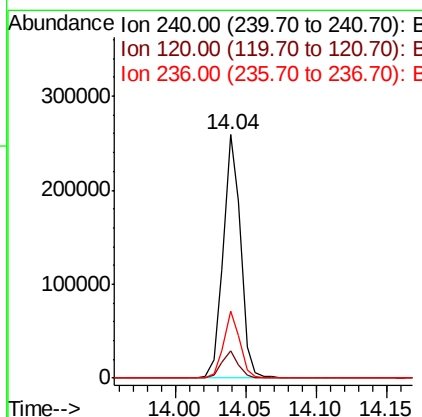
RT: 14.04 min Scan# 2032

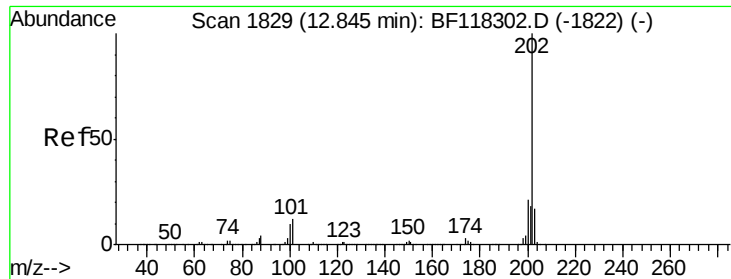
Delta R.T. -0.01 min

Lab File: BF118465.D

Acq: 3 Jan 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	221918		
120	11.0	7.1	10.7#	
236	27.3	21.0	31.6	





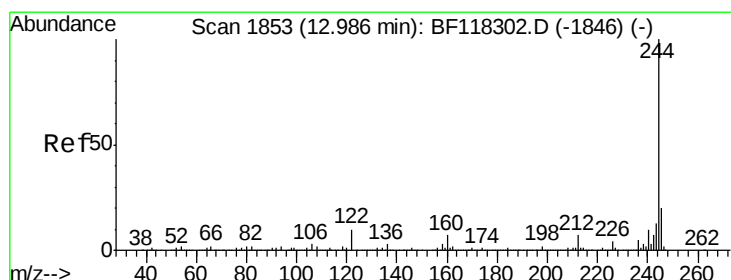
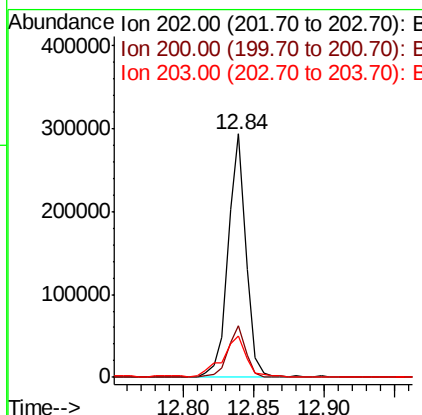
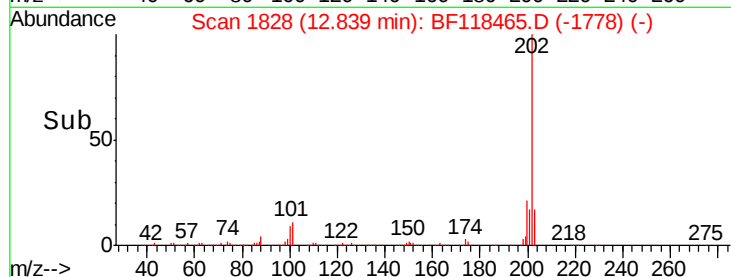
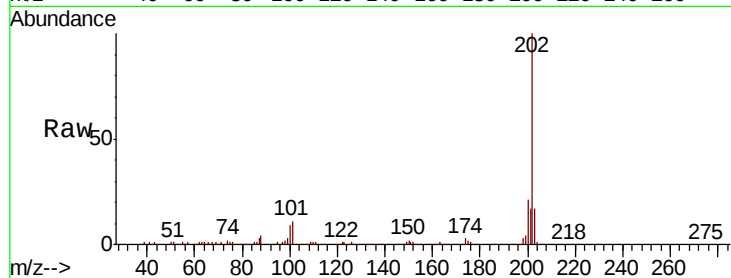
#78
Pvrene
Concen: 14.229 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.2	13.9	20.9

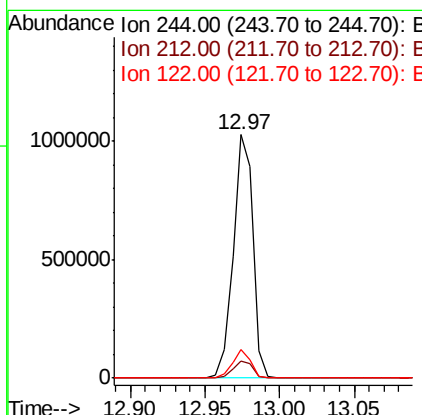
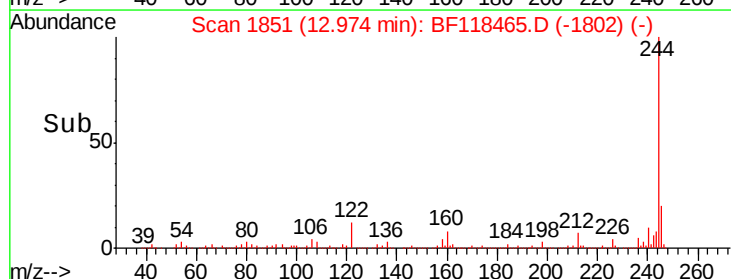
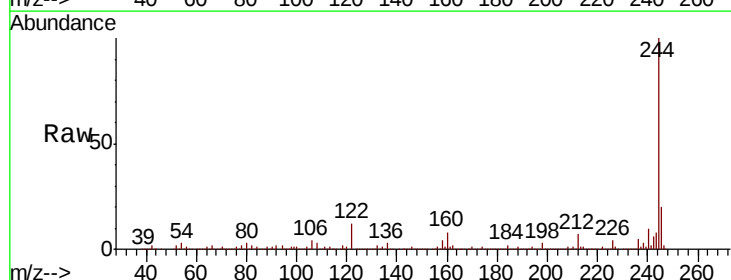
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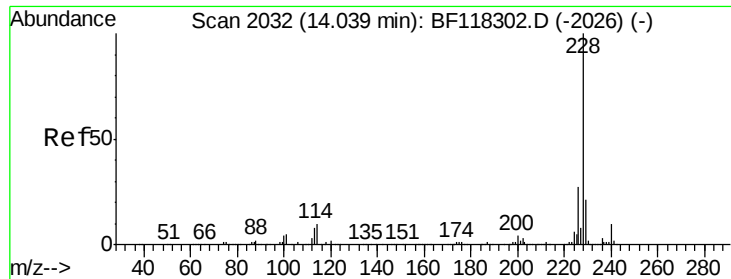
mohammad
1/6/2020 11:43:54 AM



#79
Terphenyl-d14
Concen: 71.604 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	11.8	7.8	11.8#





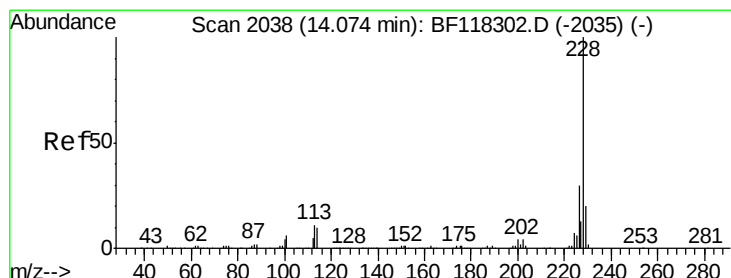
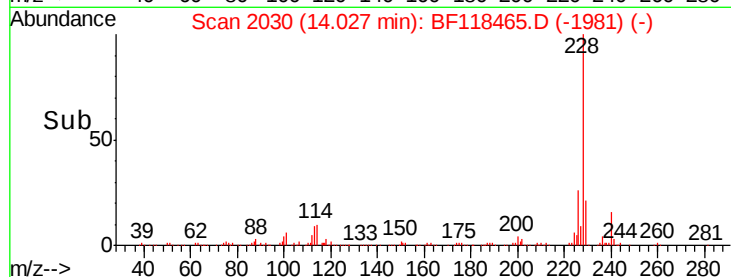
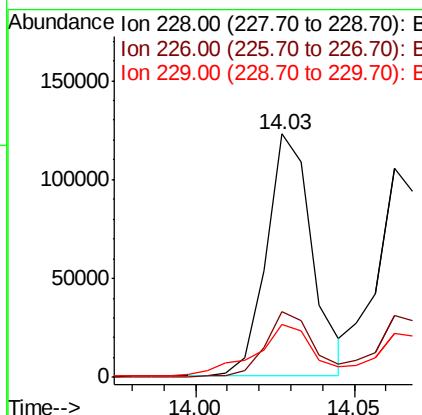
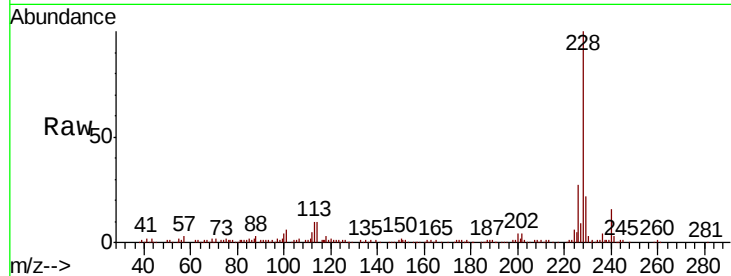
#81
Benzo(a)anthracene
Concen: 7.962 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.0	33.0
229	21.6	16.6	24.8

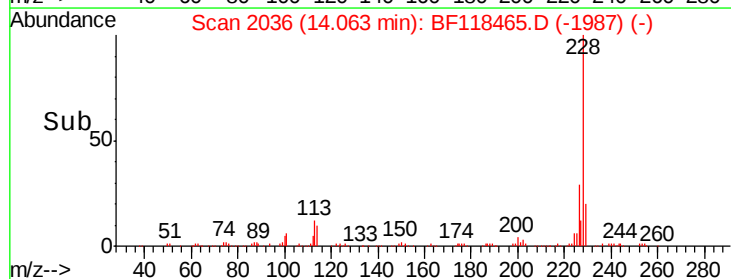
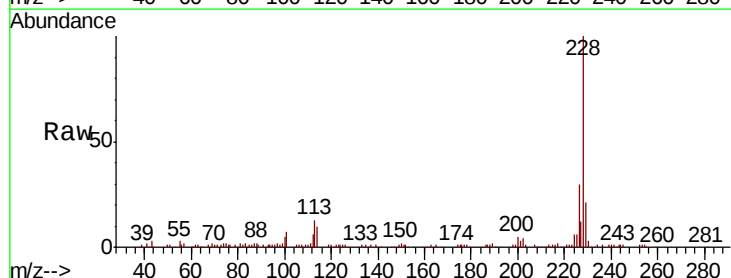
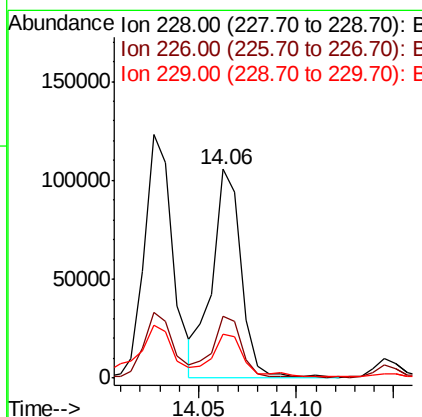
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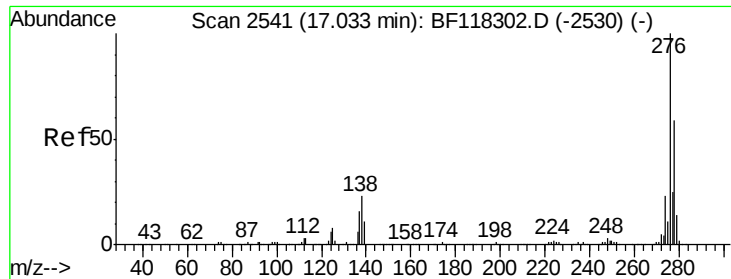
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#83
Chrysene
Concen: 7.288 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	21.1	16.1	24.1





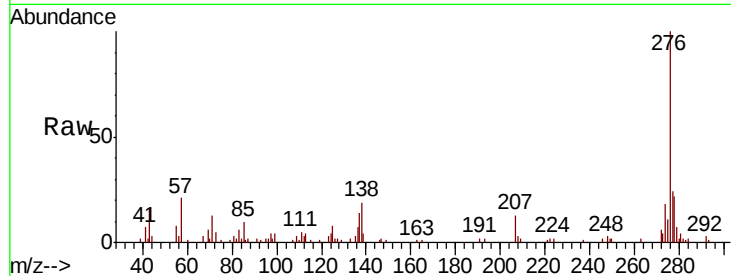
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.717 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	19.5	29.3
277	27.6	20.6	30.8

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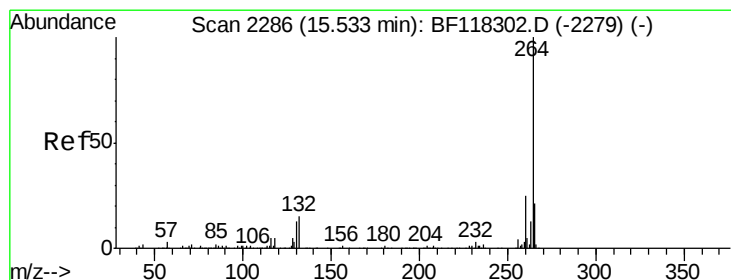
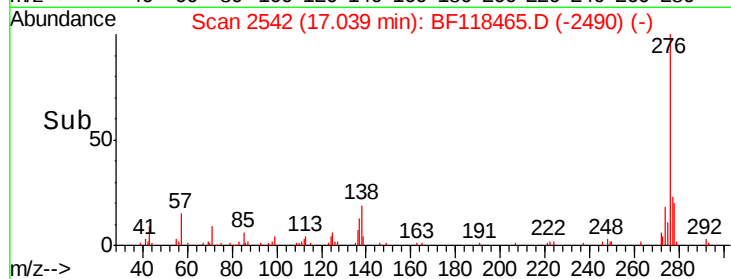
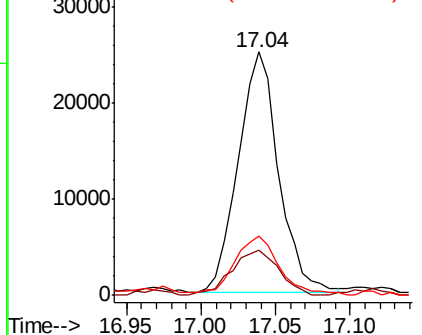


Abundance

Ion 276.00 (275.70 to 276.70): E

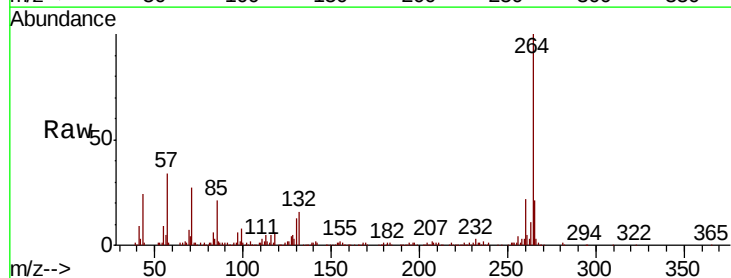
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.8	29.6
265	21.2	17.0	25.4

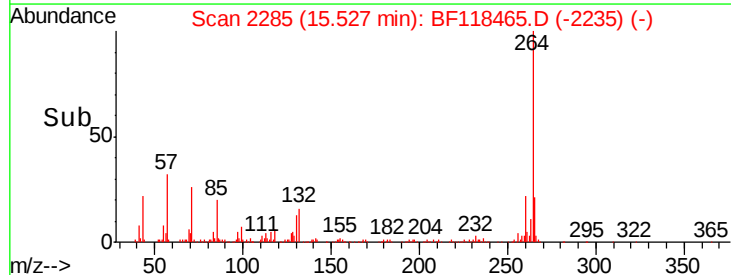
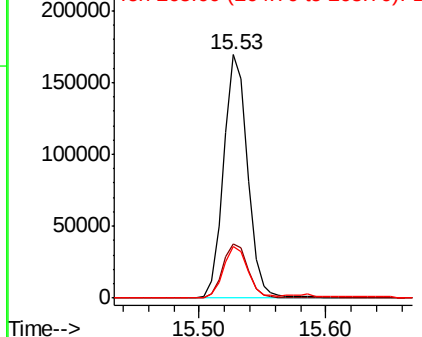


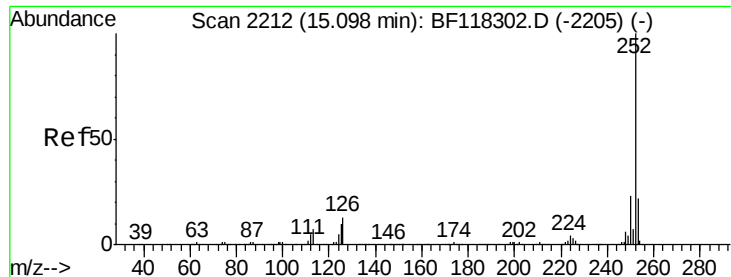
Abundance

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: 8.917 ng m

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF118465.D

Acq: 3 Jan 2020 19:08

Instrument :

BNA_F

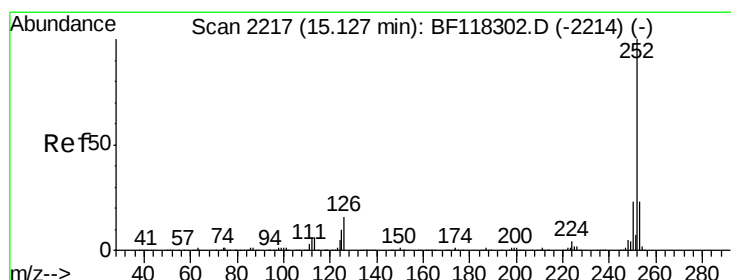
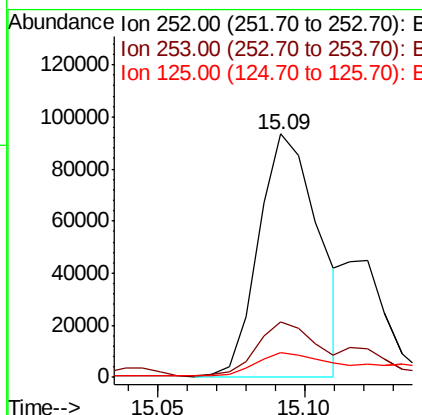
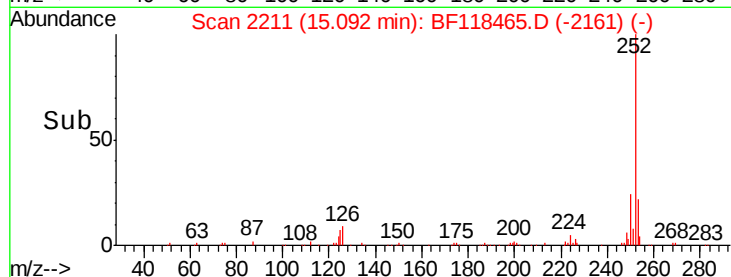
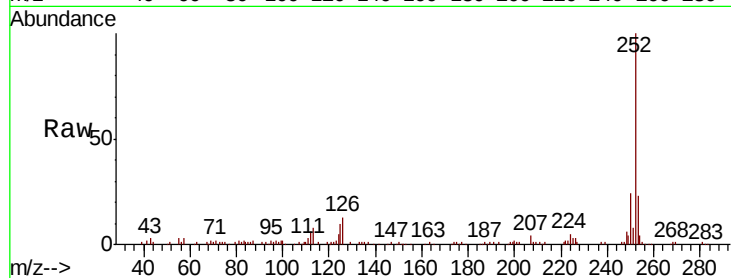
ClientSampleId :

SB-4-(5-6)

Tot Ion:	252	Resp:	131883
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	10.4	7.7	11.5

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#89

Benzo(k)fluoranthene

Concen: 3.221 ng m

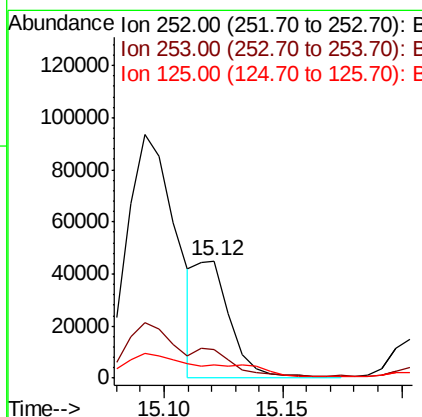
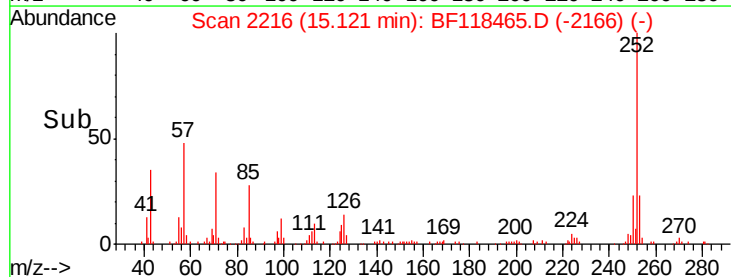
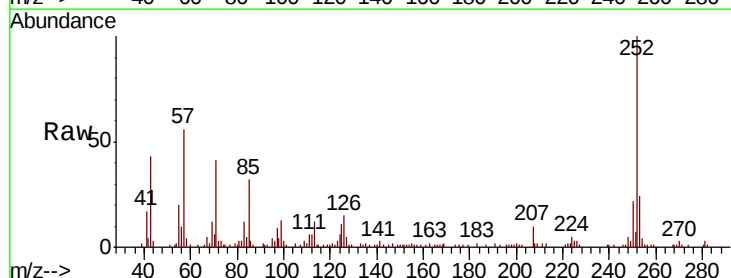
RT: 15.12 min Scan# 2216

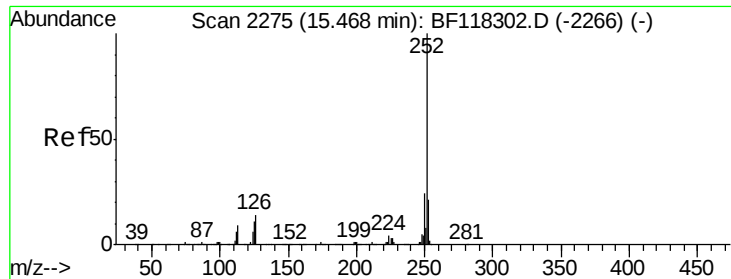
Delta R.T. -0.01 min

Lab File: BF118465.D

Acq: 3 Jan 2020 19:08

Tgt Ion:	252	Resp:	45747
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.0	27.0
125	11.0	8.0	12.0





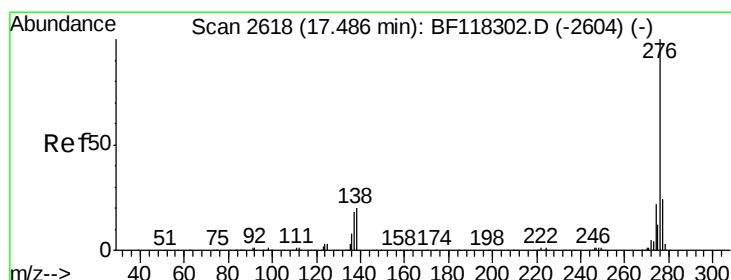
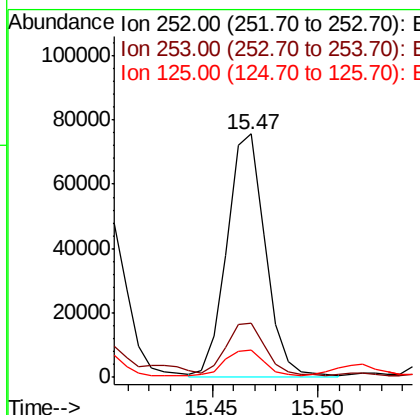
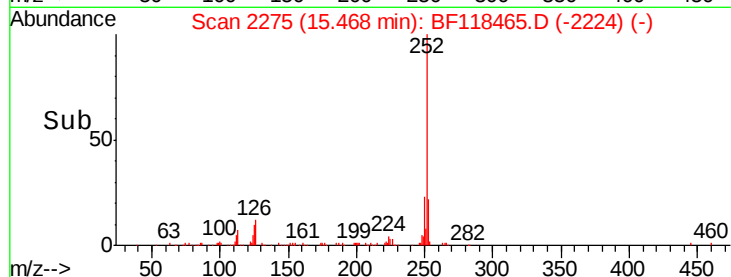
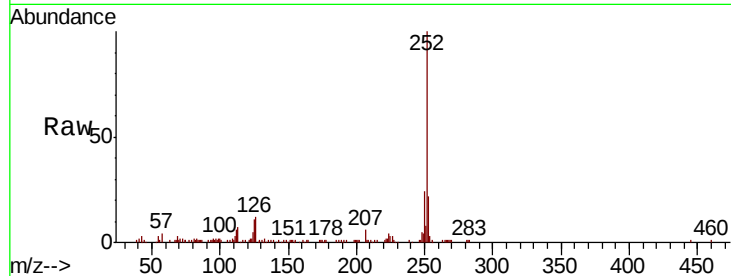
#90
Benzo(a)pyrene
Concen: 7.247 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampled :
SB-4-(5-6)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	11.3	9.0	13.4

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#92
Benzo(g,h,i)perylene
Concen: 4.402 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.1	28.7
138	19.5	16.1	24.1

