

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115952.D
 Acq On : 2 Aug 2019 17:51
 Operator : HP/JU
 Sample : K4131-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-E1-E4-COMP-(0-1)

Manual Integrations
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Quant Time: Aug 03 00:30:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	125684	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	501614	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	268223	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	493956	20.00	ng	0.00
76) Chrysene-d12	14.02	240	442854	20.00	ng	0.00
87) Perylene-d12	15.49	264	441669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	575617	76.67	ng	0.00
7) Phenol-d6	6.48	99	758127	80.04	ng	0.00
23) Nitrobenzene-d5	7.41	82	466710	53.71	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	191398	73.60	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	871092	60.83	ng	0.00
79) Terphenyl-d14	12.96	244	1055023	50.20	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	58456	3.201	ng	Qvalue 100
71) Phenanthrene	11.40	178	350493	13.880	ng	99
72) Anthracene	11.46	178	100508	3.933	ng	98
75) Fluoranthene	12.59	202	735669	27.828	ng	98
78) Pyrene	12.82	202	643581	19.279	ng	99
81) Benzo(a)anthracene	14.01	228	383714	13.556	ng	99
83) Chrysene	14.04	228	313044	11.392	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	129002	5.589	ng	98
88) Benzo(b)fluoranthene	15.06	252	369103m	14.453	ng	
89) Benzo(k)fluoranthene	15.09	252	123854m	4.979	ng	
90) Benzo(a)pyrene	15.43	252	249437	10.926	ng	98
92) Benzo(a,h,i)perylene	17.42	276	120060	6.186	ng	99

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

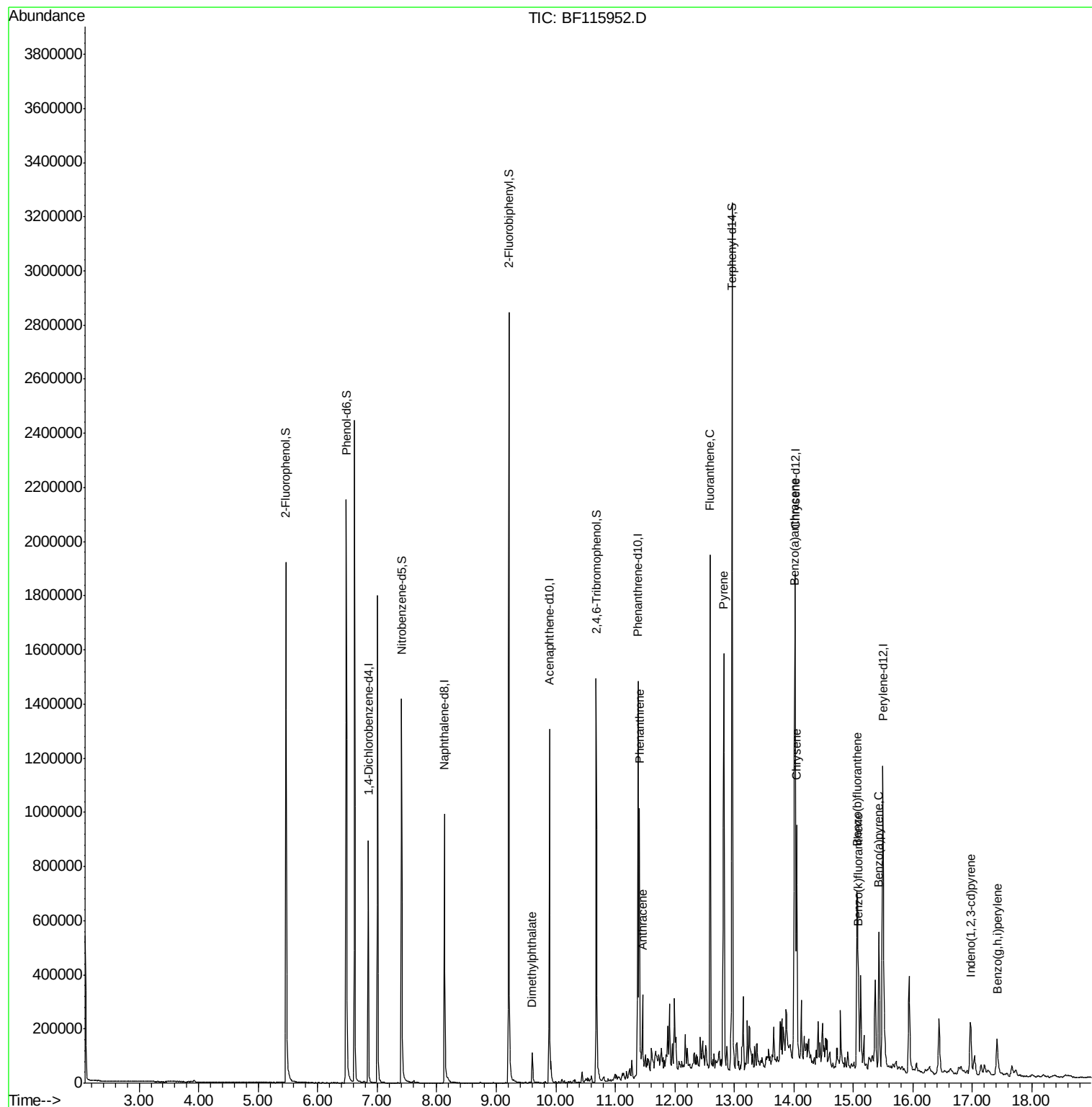
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
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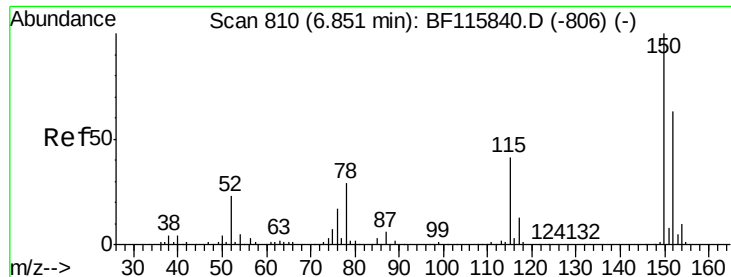
Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(0-1)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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#1

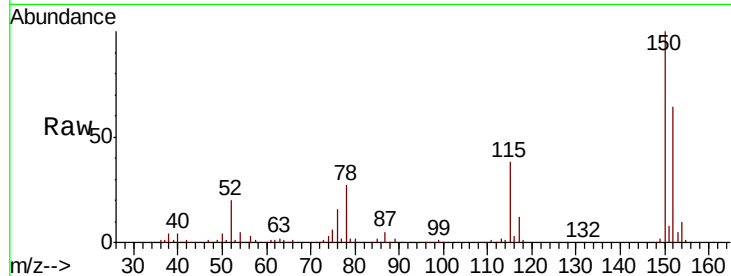
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.4	191.0
115	60.1	51.8	77.8

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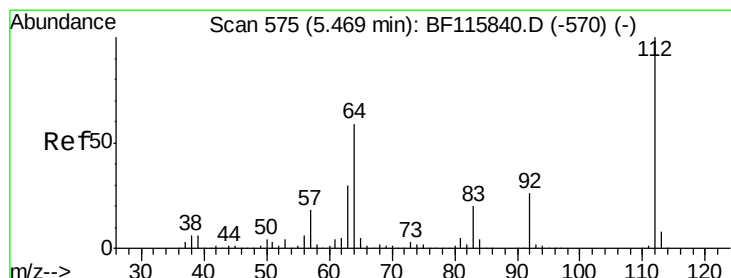
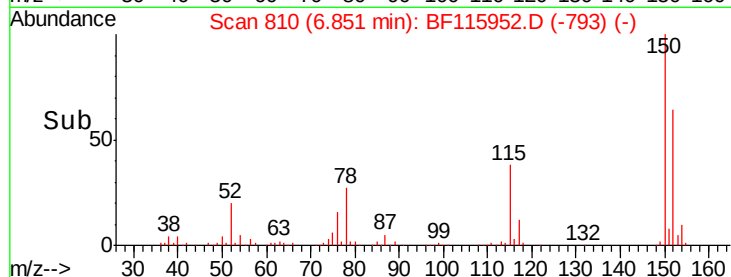
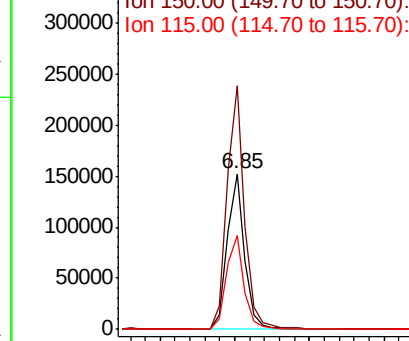


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

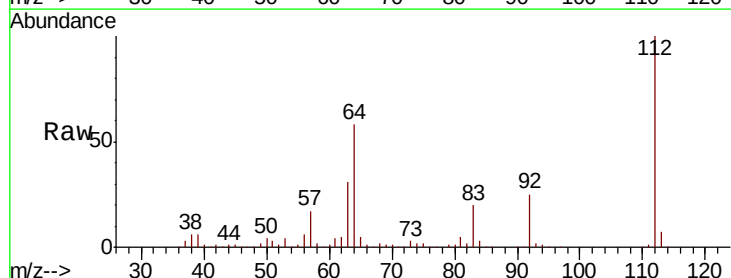
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.670 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.8	70.2
63	30.6	24.2	36.2

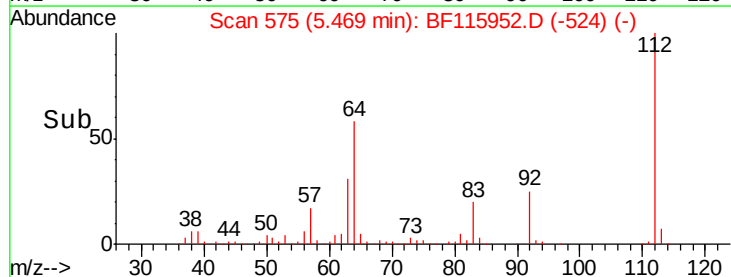
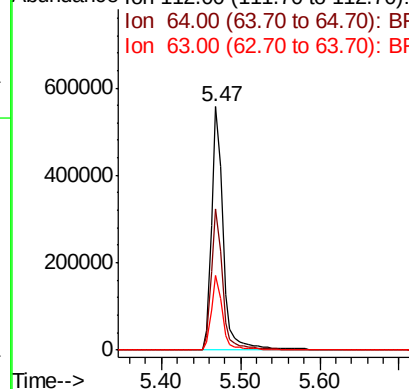


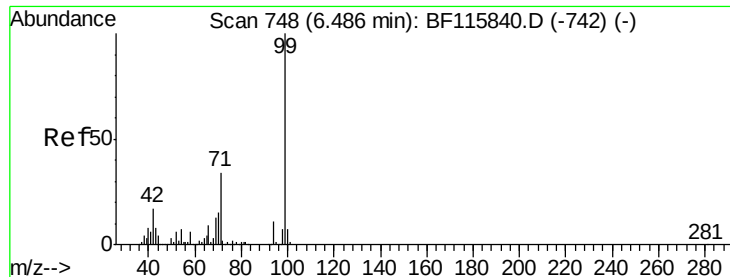
Abundance

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: 80.036 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115952.D

Acq: 2 Aug 2019 17:51

Instrument :

BNA_F

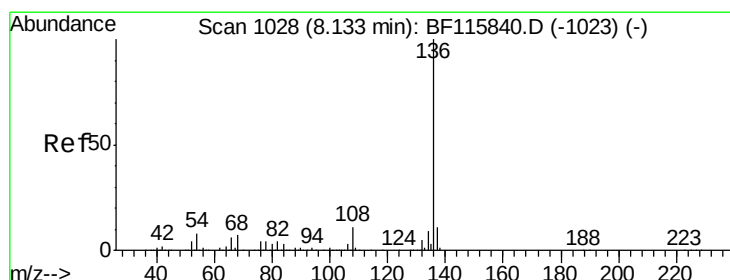
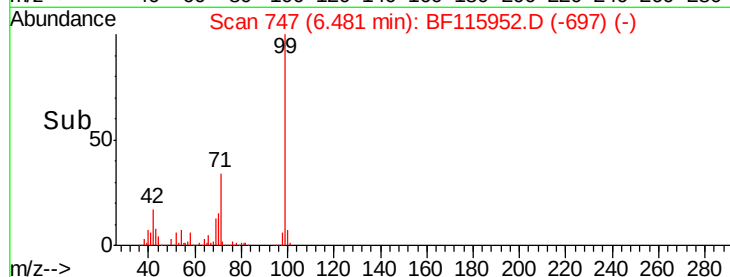
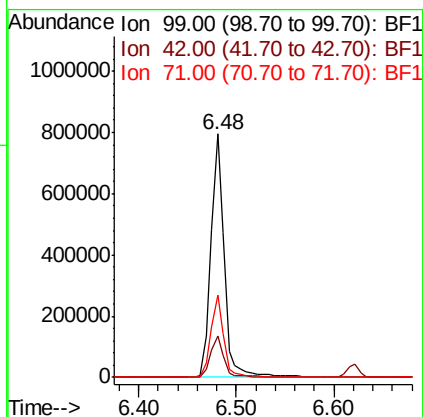
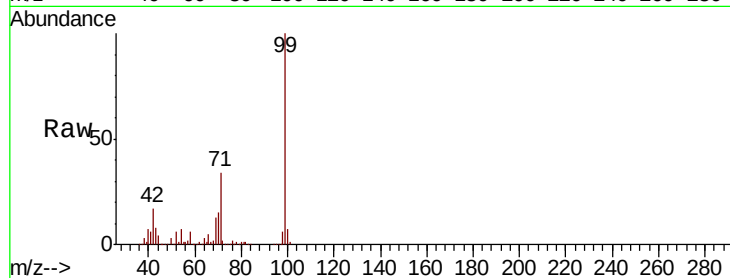
ClientSampleId :

1S-E1-E4-COMP-(0-1)

Tot Ion:	99	Resp:	758127
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.8	20.6
71	33.7	27.1	40.7

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#21

Naphthalene-d8

Concen: 20.000 ng

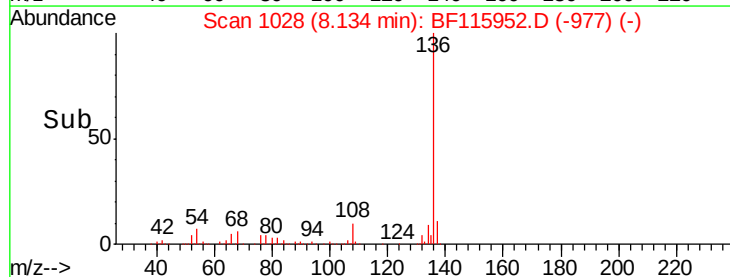
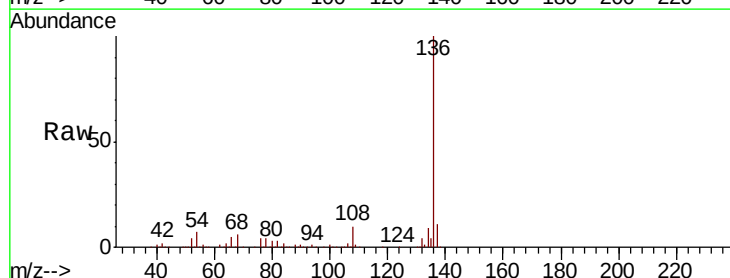
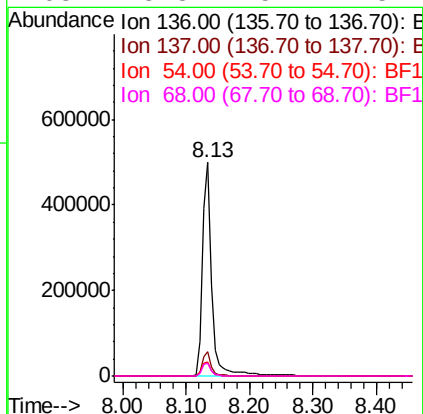
RT: 8.13 min Scan# 1028

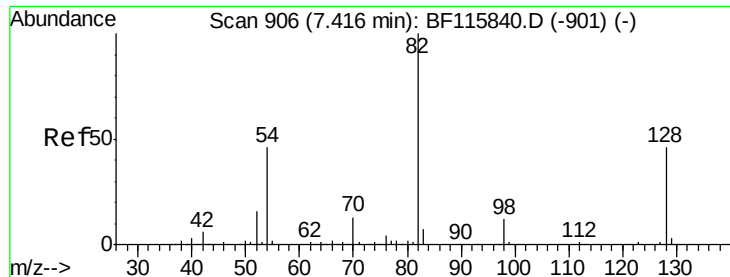
Delta R.T. 0.00 min

Lab File: BF115952.D

Acq: 2 Aug 2019 17:51

Tgt Ion:	136	Resp:	501614
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	6.5	6.1	9.1
68	5.8	5.4	8.2





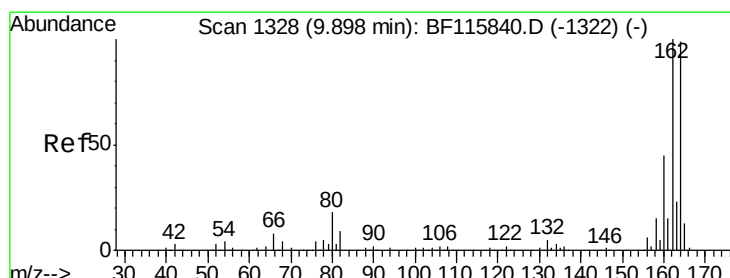
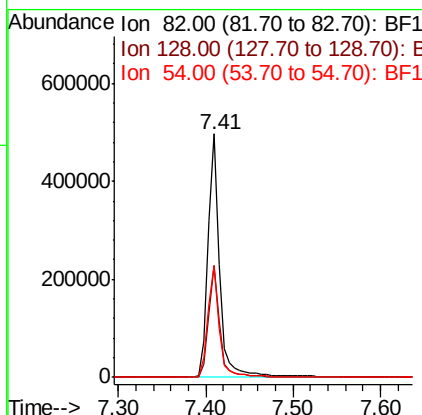
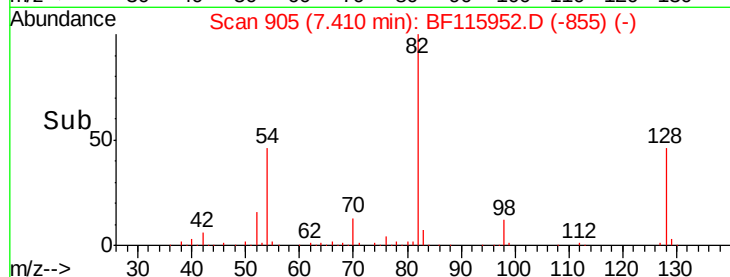
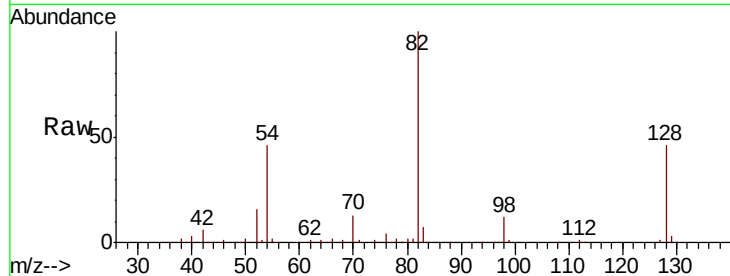
#23
Nitrobenzene-d5
Concen: 53.707 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.6	55.0
54	45.7	36.6	55.0

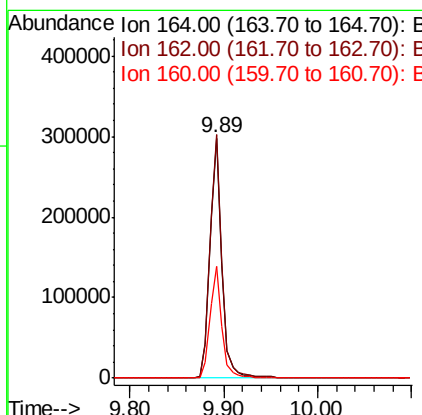
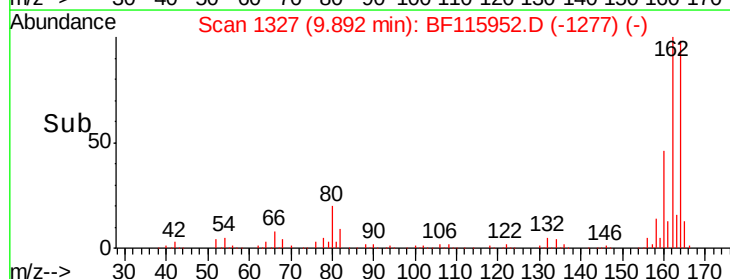
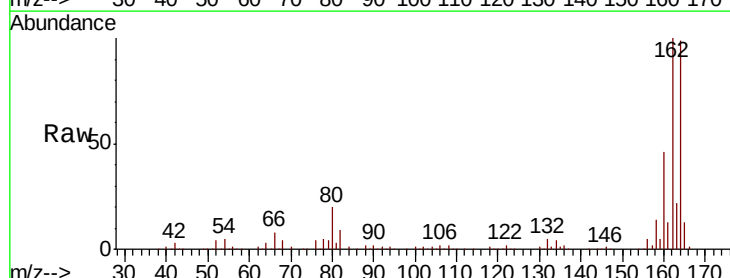
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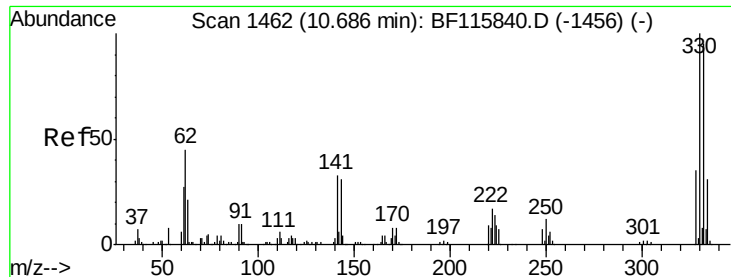
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.8	121.2
160	46.3	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 73.601 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115952.D

Acq: 2 Aug 2019 17:51

Instrument :

BNA_F

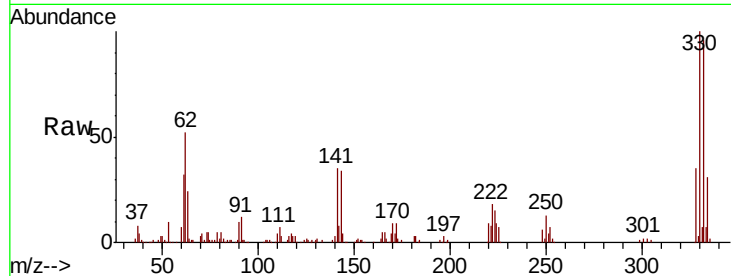
ClientSampleId :

1S-E1-E4-COMP-(0-1)

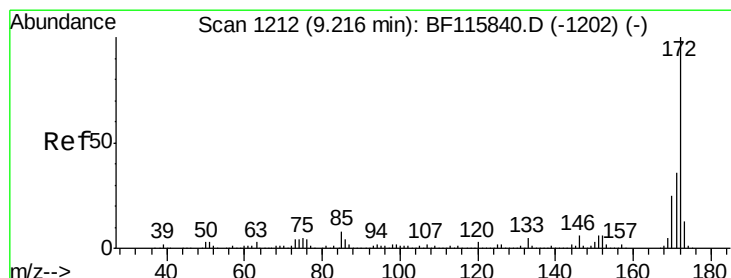
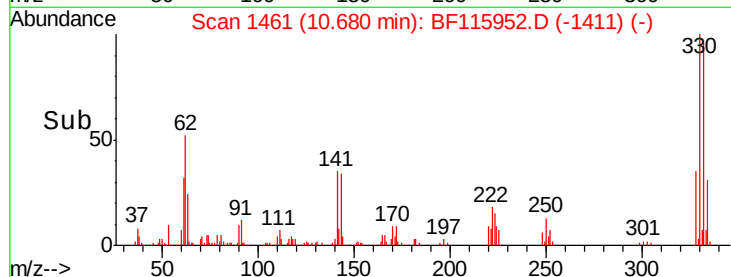
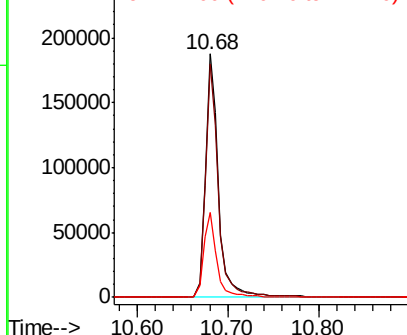
Tot Ion:	330	Resp:	191398
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.7	116.5
141	35.6	28.1	42.1

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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: 60.831 ng

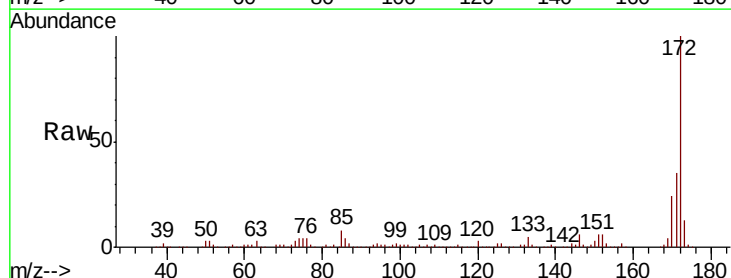
RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

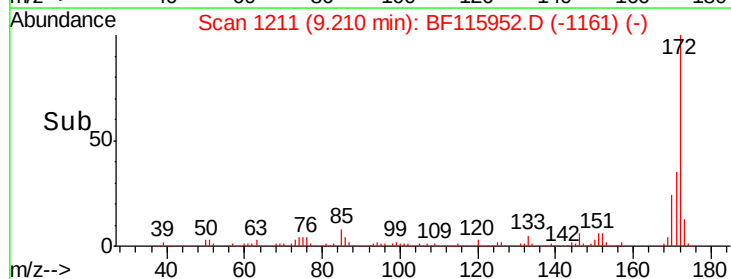
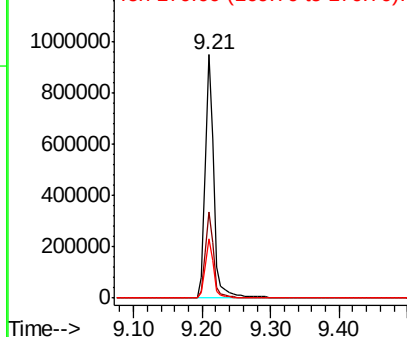
Lab File: BF115952.D

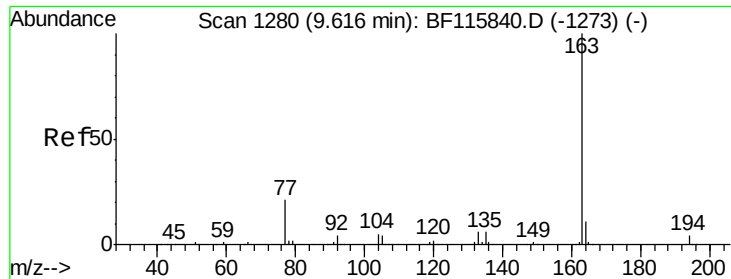
Acq: 2 Aug 2019 17:51

Tgt Ion:	172	Resp:	871092
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.1	43.7
170	24.5	20.1	30.1



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





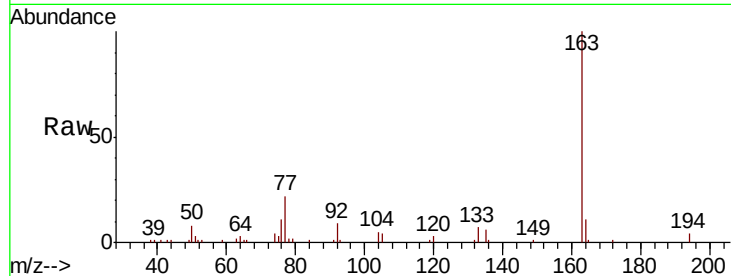
#50
Dimethylphthalate
Concen: 3.201 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(0-1)

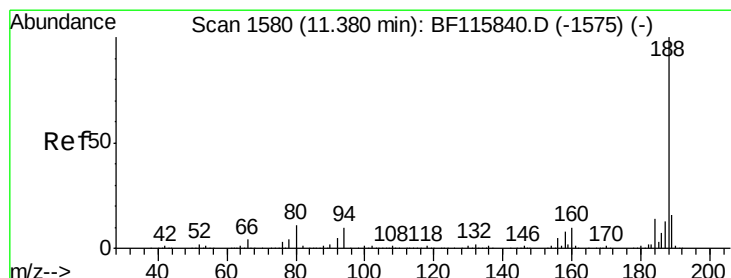
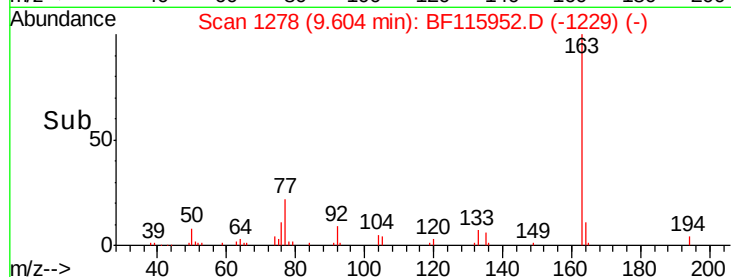
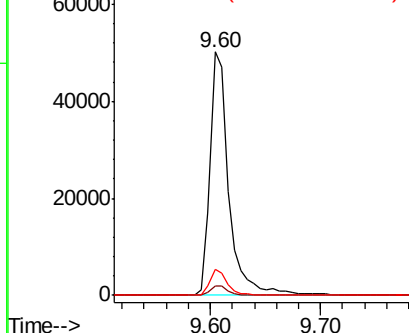
Tot Ion	Ratio	Resp	Lower	Upper
163	100	58456		
194	3.8		3.0	4.6
164	10.5		8.4	12.6

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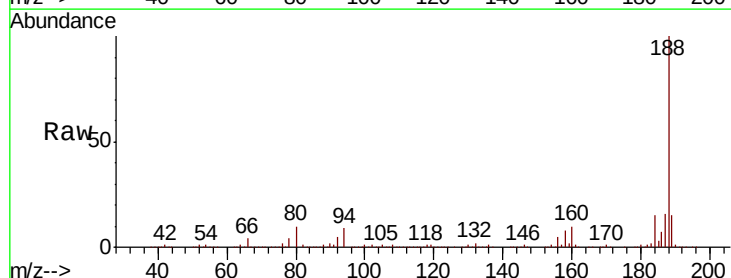


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

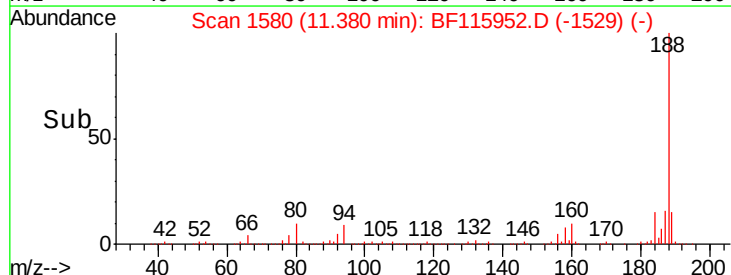
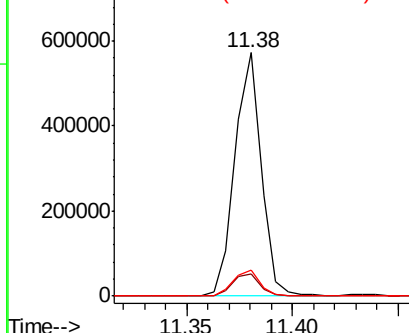


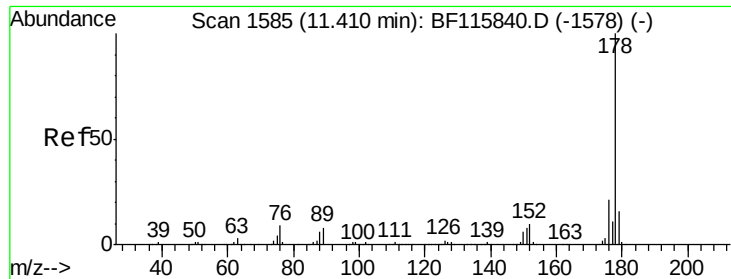
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	493956		
94	9.4		8.0	12.0
80	10.4		8.6	12.8



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





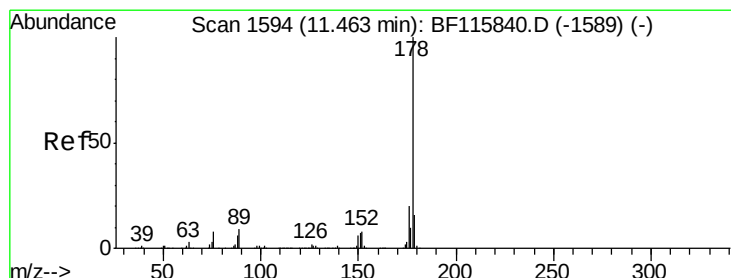
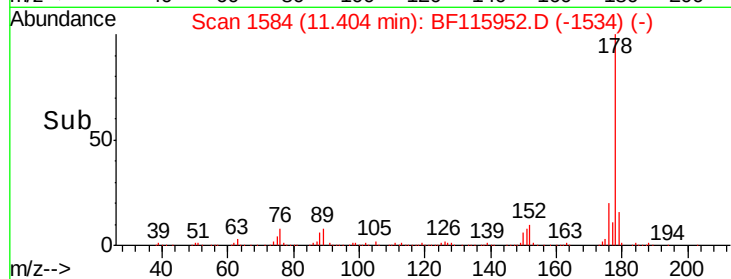
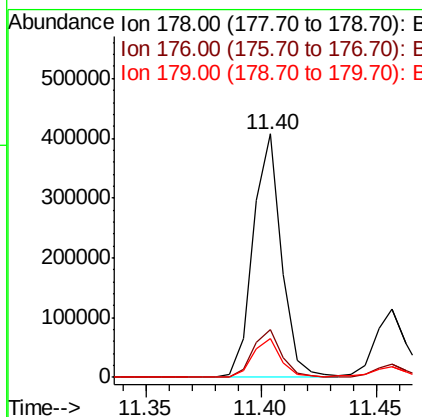
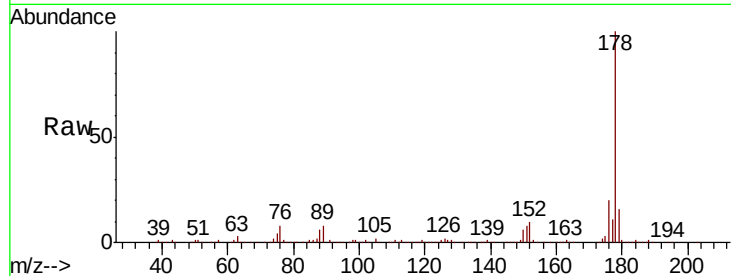
#71
Phenanthrene
Concen: 13.880 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.5	24.7
179	15.7	12.6	18.8

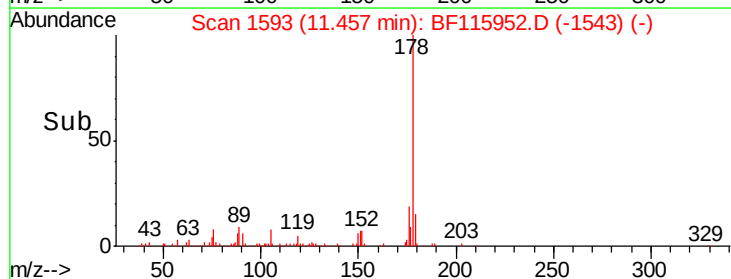
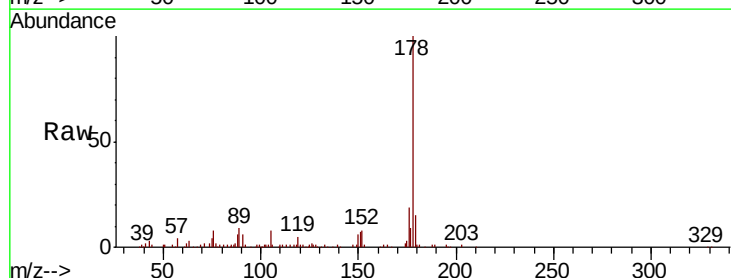
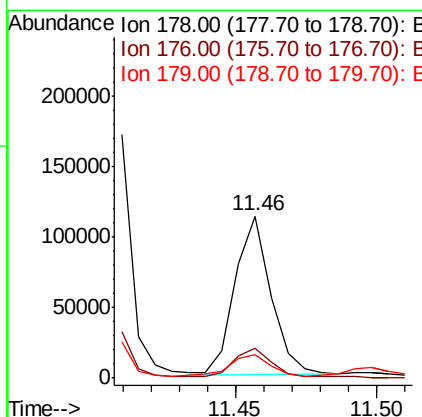
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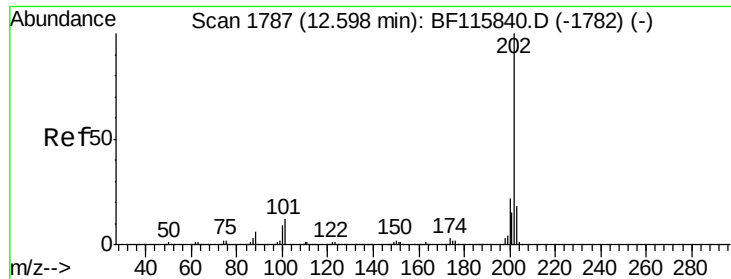
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#72
Anthracene
Concen: 3.933 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	14.7	12.4	18.6





#75

Fluoranthene

Concen: 27.828 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115952.D

Acq: 2 Aug 2019 17:51

Instrument :

BNA_F

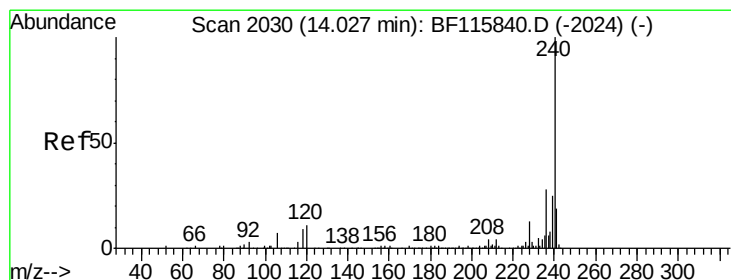
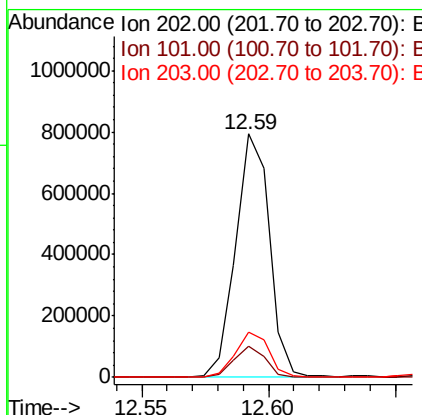
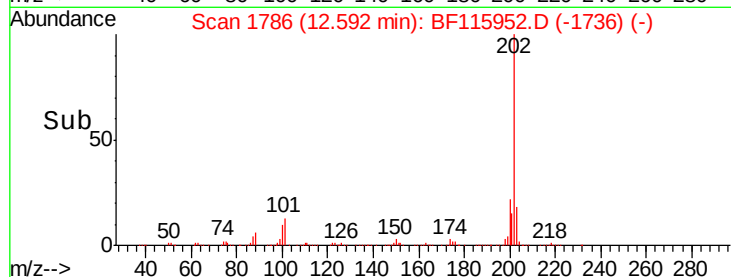
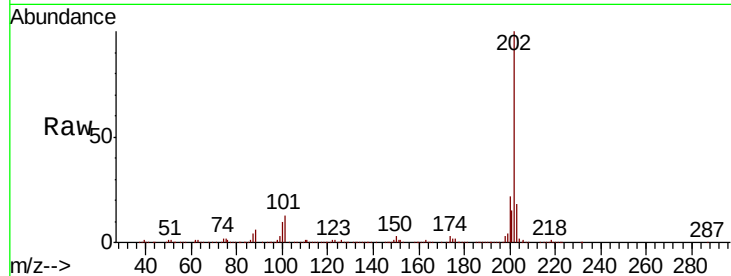
ClientSampleId :

1S-E1-E4-COMP-(0-1)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		735669		
101	12.9	0.0	31.5		
203	18.5	0.0	37.9		

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#76

Chrysene-d12

Concen: 20.000 ng

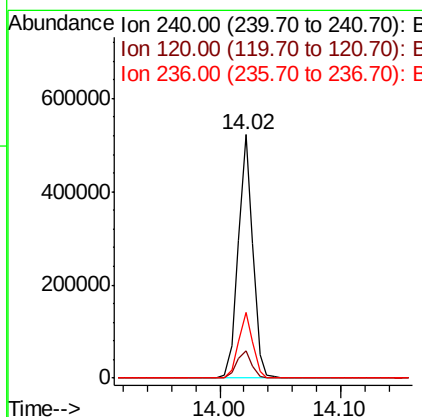
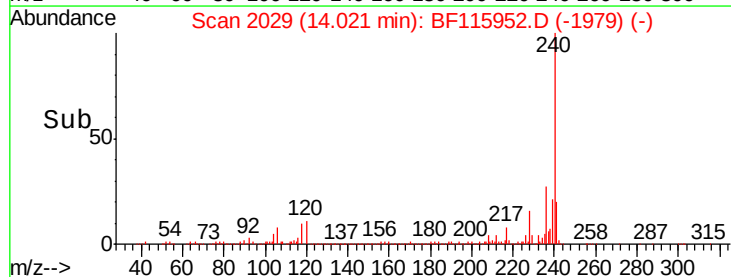
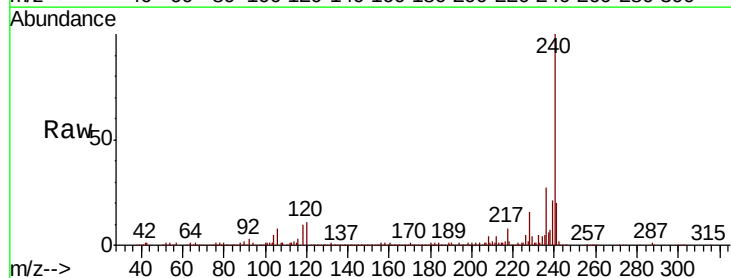
RT: 14.02 min Scan# 2029

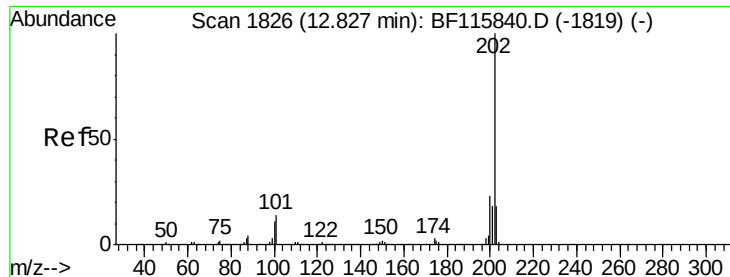
Delta R.T. -0.01 min

Lab File: BF115952.D

Acq: 2 Aug 2019 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		442854		
120	11.4	8.5	12.7		
236	27.0	22.2	33.2		





#78

Pvrene

Concen: 19.279 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115952.D

Acq: 2 Aug 2019 17:51

Instrument :

BNA_F

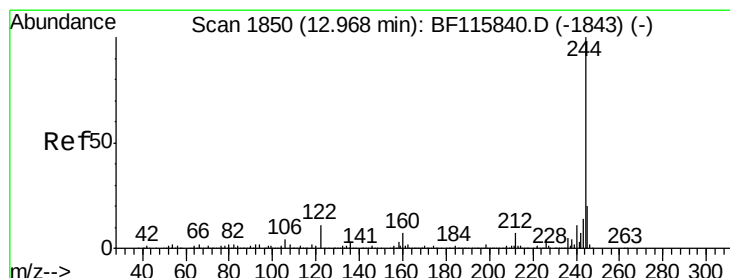
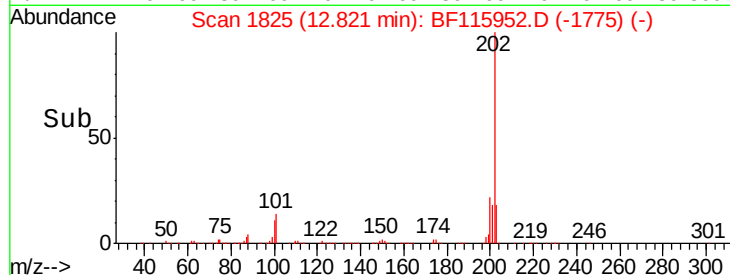
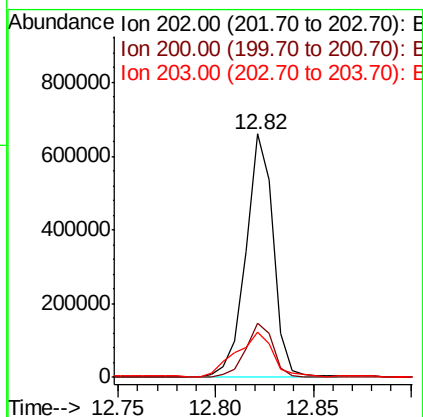
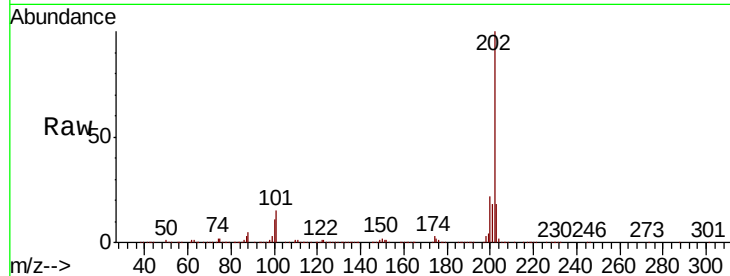
ClientSampleId :

1S-E1-E4-COMP-(0-1)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		643581		
200	22.2	18.2		27.2	
203	18.4	14.3		21.5	

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8/8/2019 4:44:23 PM



#79

Terphenyl-d14

Concen: 50.200 ng

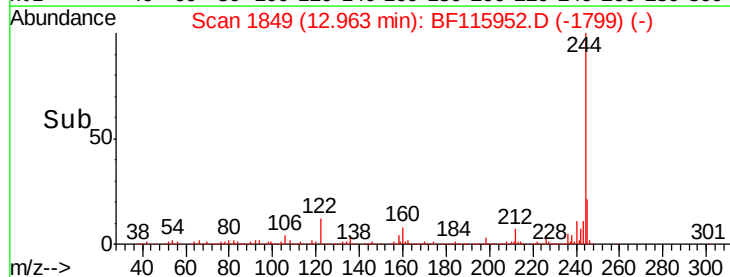
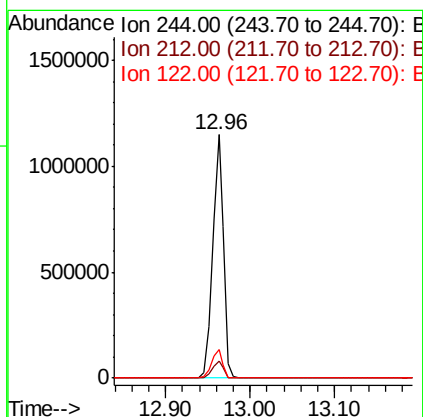
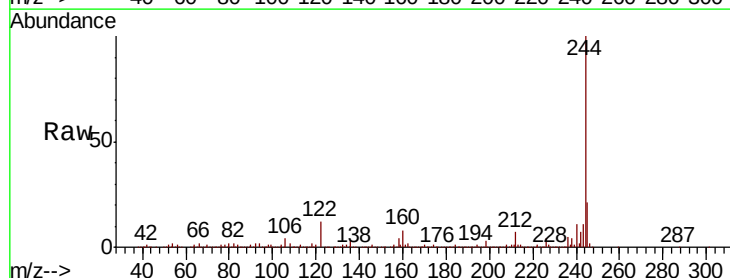
RT: 12.96 min Scan# 1849

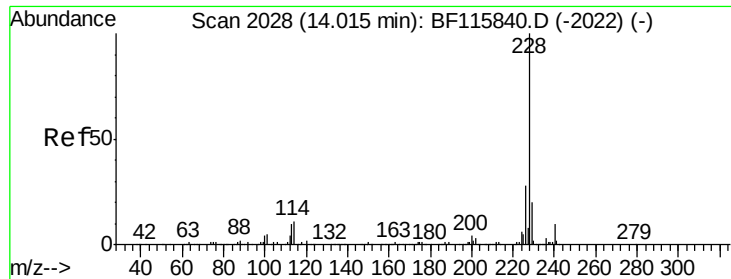
Delta R.T. -0.01 min

Lab File: BF115952.D

Acq: 2 Aug 2019 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		1055023		
212	7.0	5.6		8.4	
122	11.8	8.6		13.0	





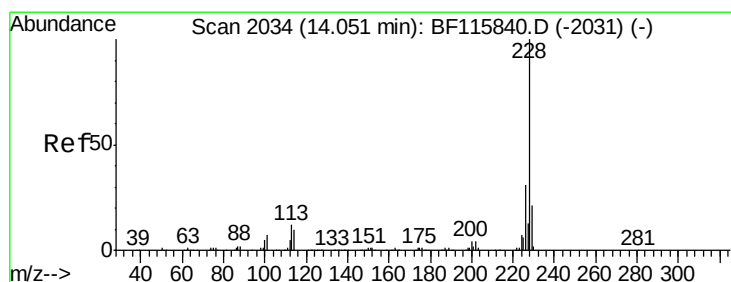
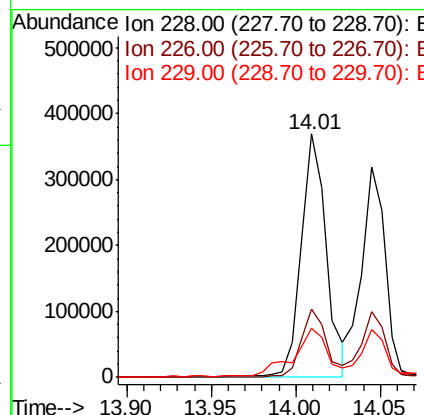
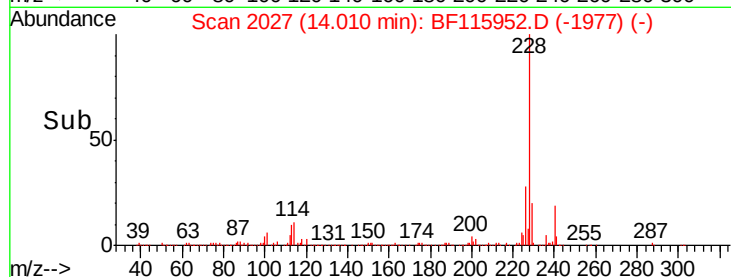
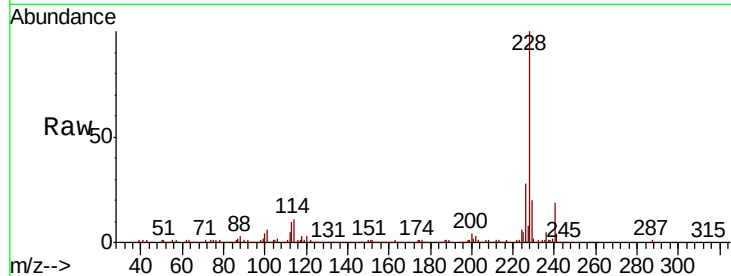
#81
Benzo(a)anthracene
Concen: 13.556 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	20.3	16.1	24.1

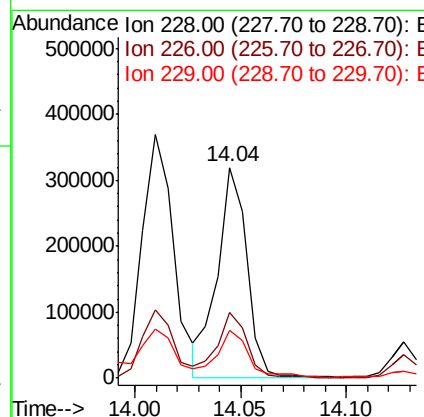
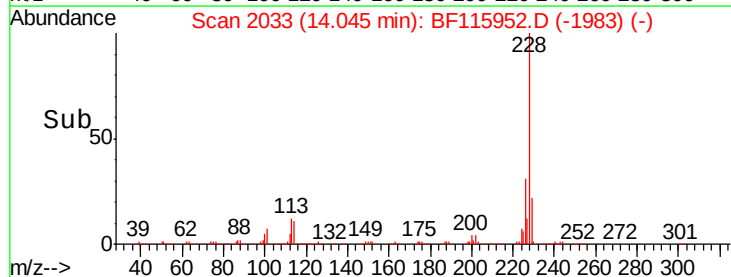
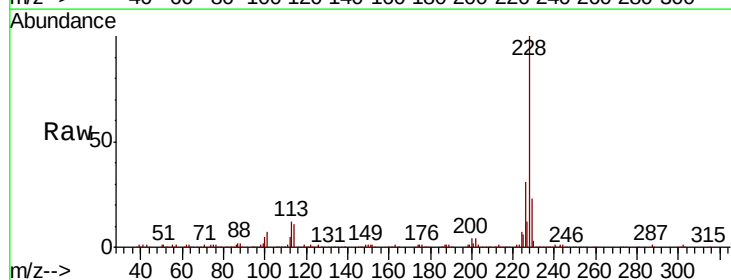
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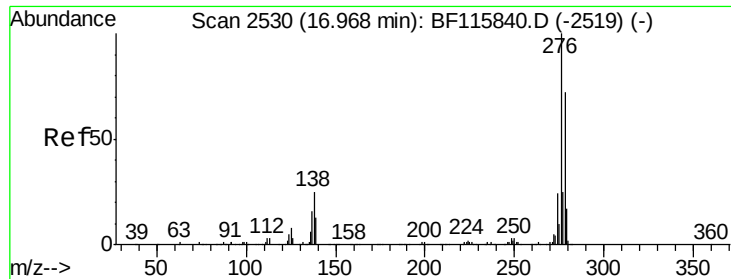
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8/8/2019 4:44:23 PM



#83
Chrysene
Concen: 11.392 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	22.9	16.4	24.6





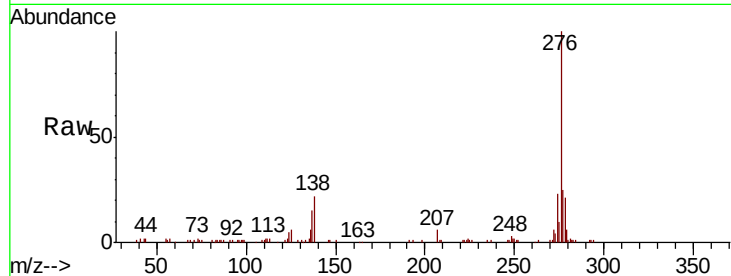
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.589 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.6	29.4
277	24.4	20.1	30.1

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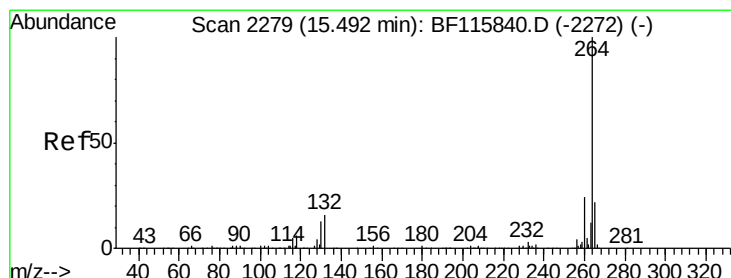
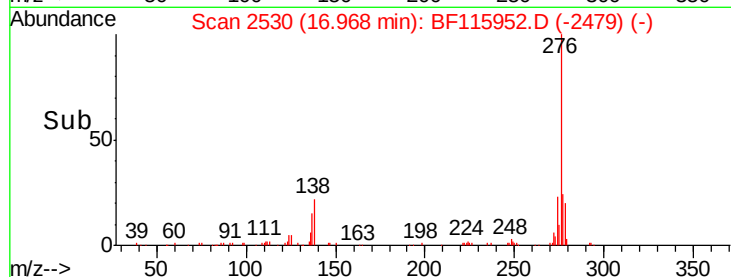
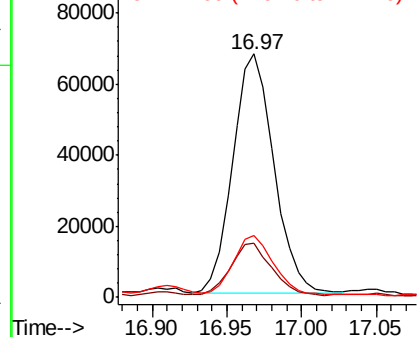


Abundance

Ion 276.00 (275.70 to 276.70): E

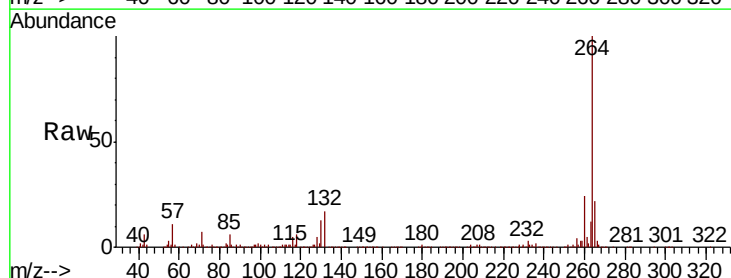
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.8	17.5	26.3

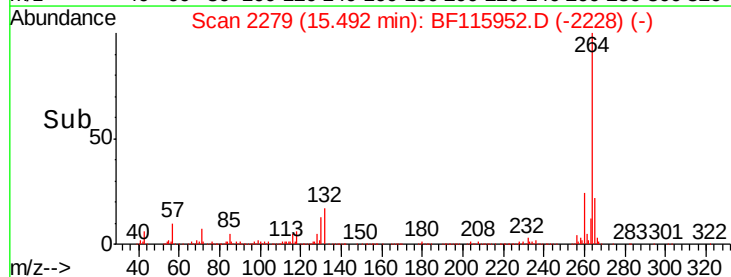
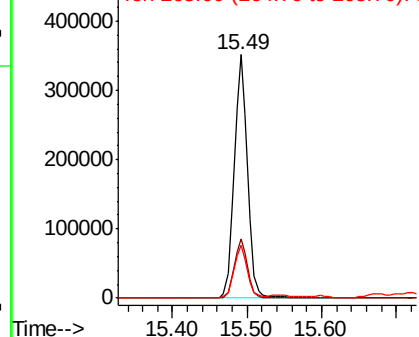


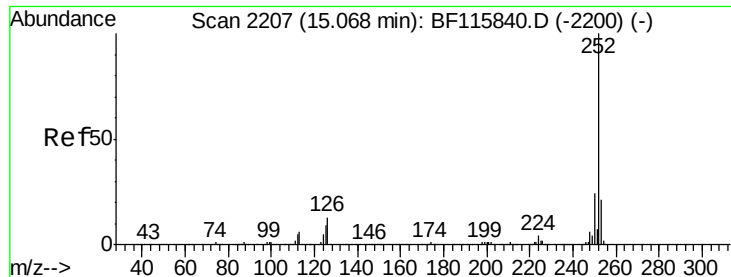
Abundance

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





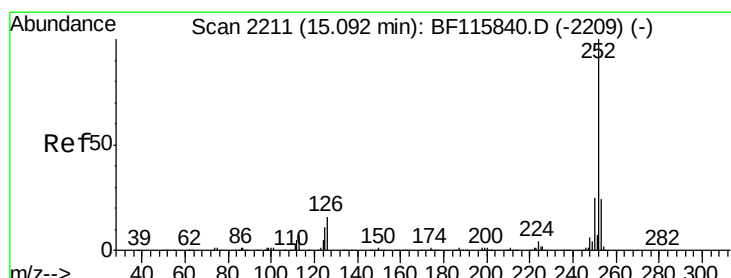
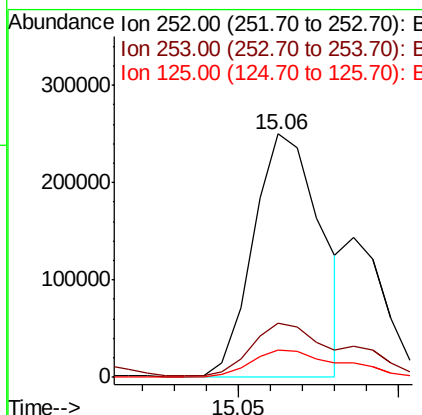
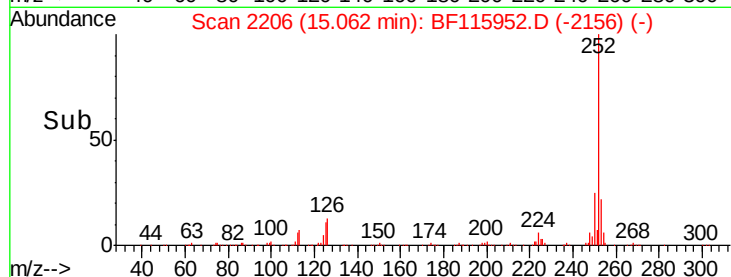
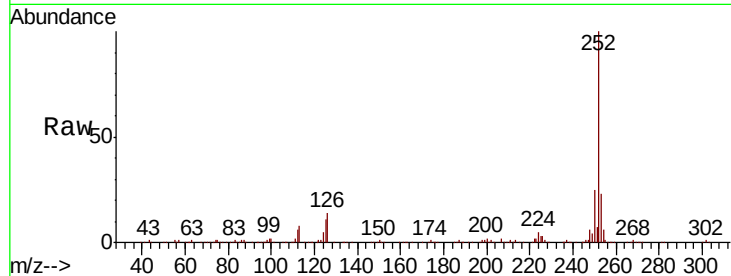
#88
Benzo(b)fluoranthene
Concen: 14.453 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.3	7.4	11.0

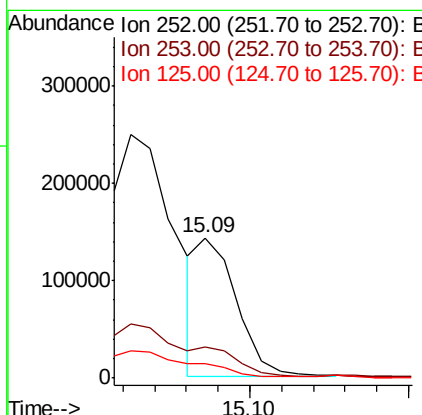
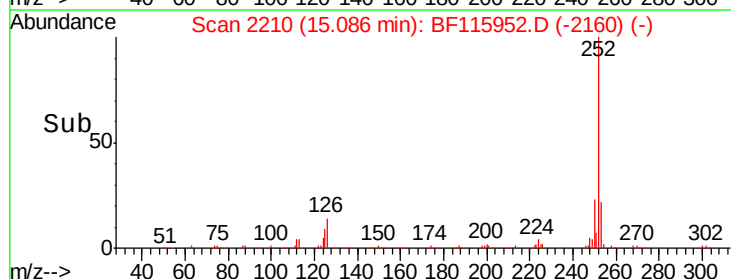
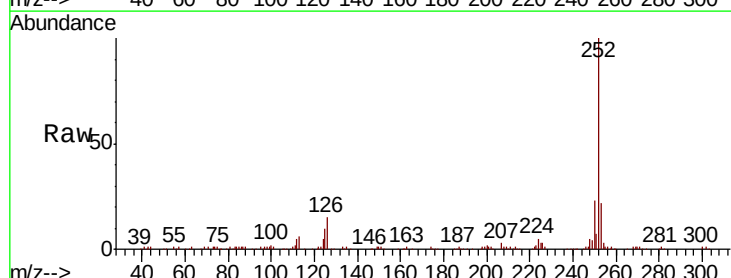
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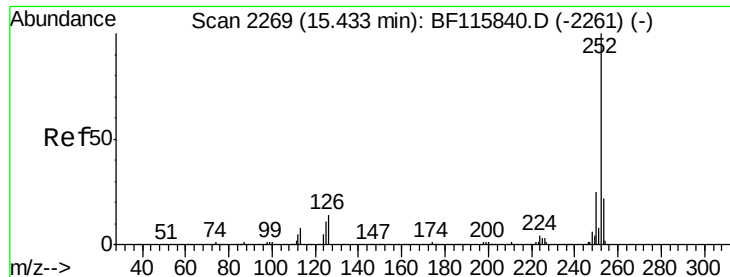
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#89
Benzo(k)fluoranthene
Concen: 4.979 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	10.0	8.9	13.3





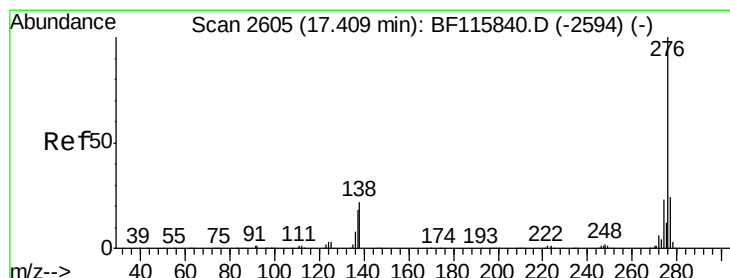
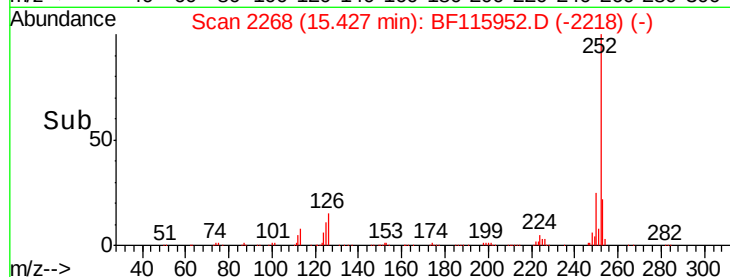
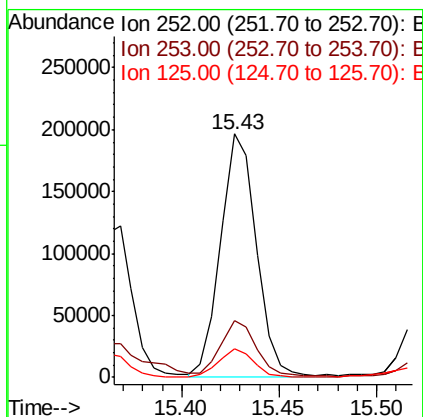
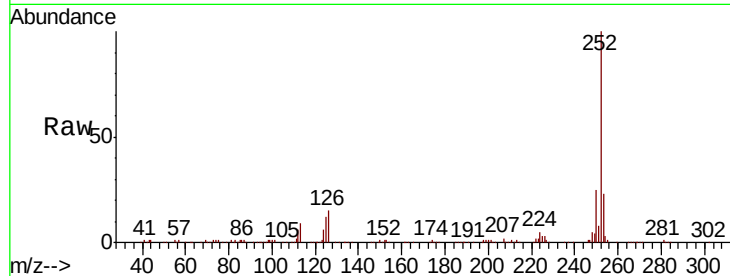
#90
Benzo(a)pyrene
Concen: 10.926 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	11.7	8.8	13.2

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#92
Benzo(g,h,i)perylene
Concen: 6.186 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.01 min
Lab File: BF115952.D
Acq: 2 Aug 2019 17:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.5	29.3
138	21.7	17.8	26.8

