

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119203.D
 Acq On : 4 Mar 2020 19:22
 Operator : CG/JU
 Sample : L1759-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-030320

Manual Integrations
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Quant Time: Mar 05 06:04:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	151988	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	571940	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	280717	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	402672	20.00	ng	0.00
76) Chrysene-d12	13.90	240	295788	20.00	ng	0.00
87) Perylene-d12	15.33	264	290917	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	416584	45.81	ng	0.00
7) Phenol-d6	6.40	99	498011	45.02	ng	0.00
23) Nitrobenzene-d5	7.30	82	321135	29.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	120953	32.94	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	639635	33.57	ng	-0.02
79) Terphenyl-d14	12.84	244	500869	29.15	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Acenaphthylene	9.63	152	82242	3.115	ng	98
50) Dimethylphthalate	9.49	163	47552	2.215	ng	98
71) Phenanthrene	11.28	178	176990	8.060	ng	97
72) Anthracene	11.33	178	73735	3.361	ng	97
75) Fluoranthene	12.47	202	380185	16.310	ng	99
78) Pyrene	12.70	202	439918	18.522	ng	99
81) Benzo(a)anthracene	13.89	228	263464	13.073	ng	98
83) Chrysene	13.92	228	242941	12.098	ng	96
86) Indeno(1,2,3-cd)pyrene	16.74	276	110605	5.688	ng	97
88) Benzo(b)fluoranthene	14.92	252	314406m	16.396	ng	
89) Benzo(k)fluoranthene	14.94	252	95348m	5.366	ng	
90) Benzo(a)pyrene	15.27	252	232570	13.438	ng	99
92) Benzo(a,h,i)perylene	17.17	276	109082	7.250	ng	97

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

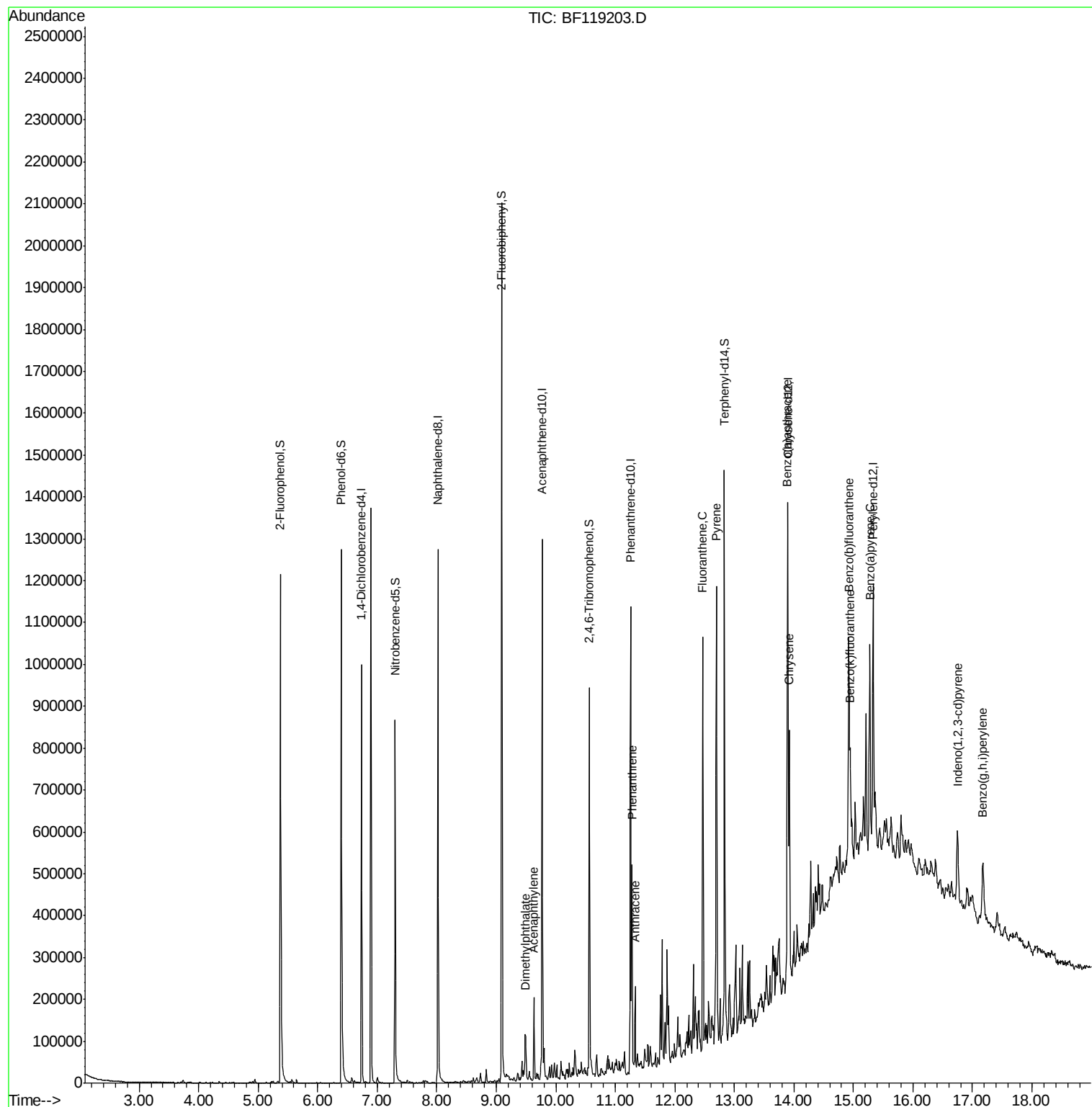
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
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ALS Vial : 18 Sample Multiplier: 1

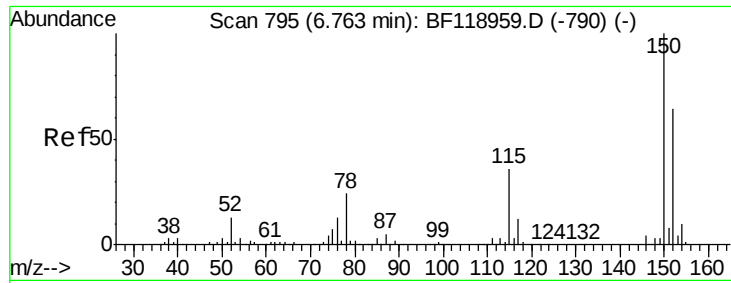
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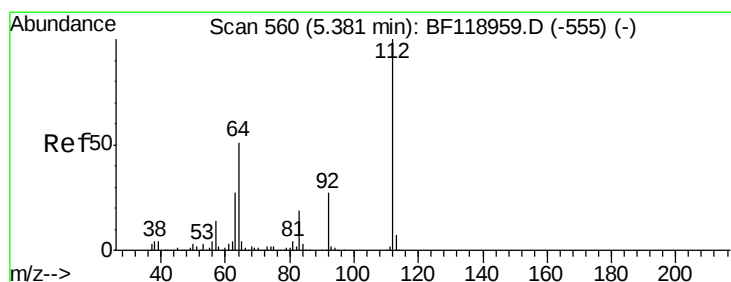
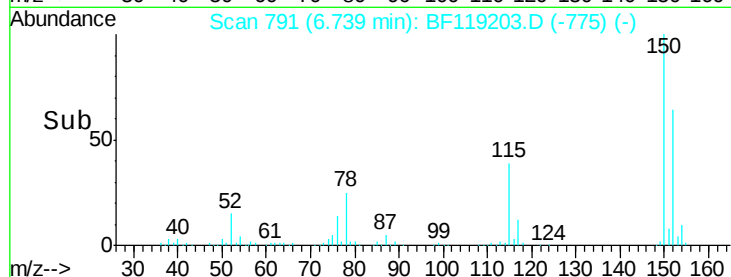
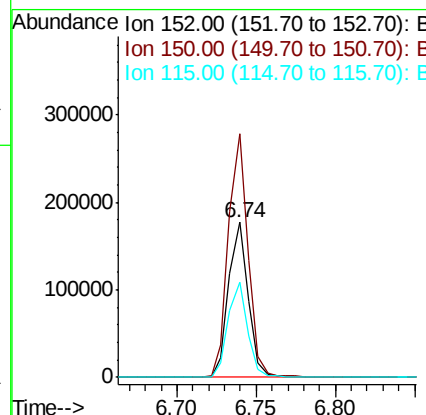
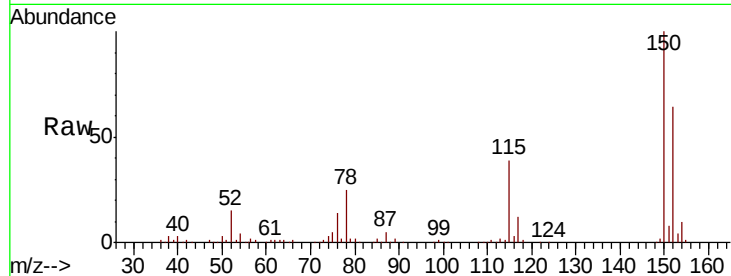
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF119203.D
 Acq: 4 Mar 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.6
115	61.8	49.5	74.3

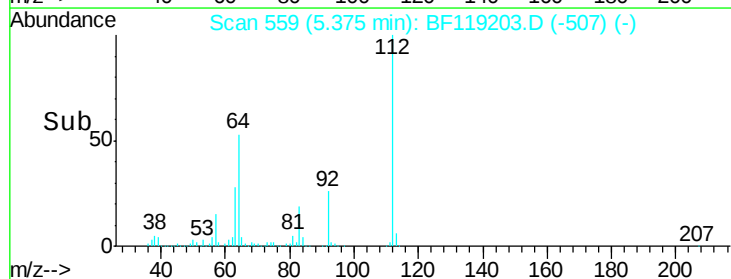
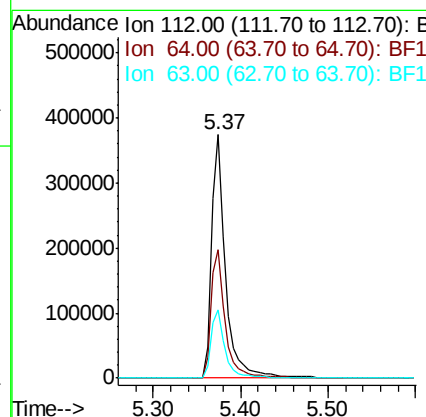
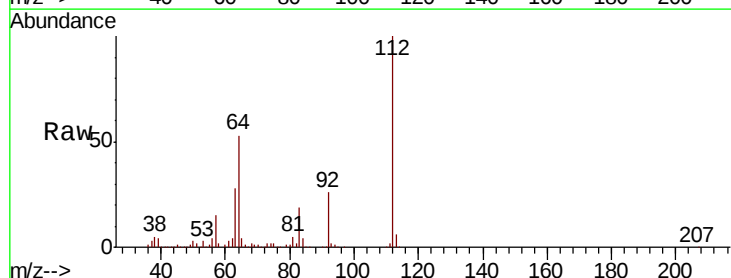
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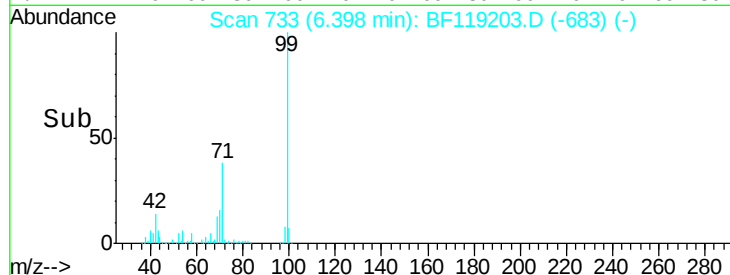
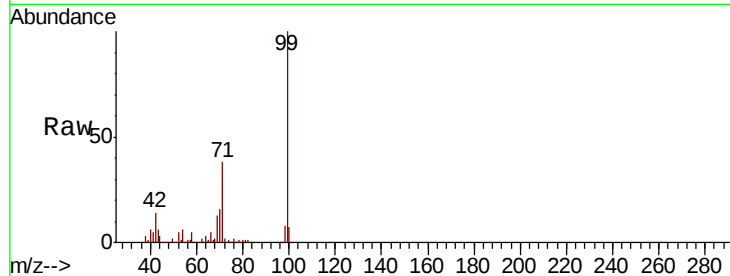
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#5
 2-Fluorophenol
 Concen: 45.805 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: BF119203.D
 Acq: 4 Mar 2020 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	45.0	67.4
63	28.2	24.2	36.4





#7

Phenol-d6

Concen: 45.025 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119203.D

Acq: 4 Mar 2020 19:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		498011		
42	14.0	12.6	18.8		
71	38.1	31.0	46.4		

Instrument :

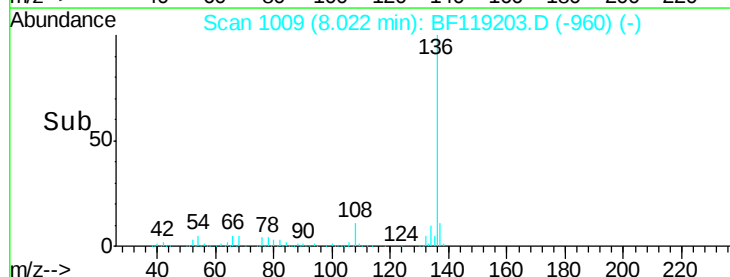
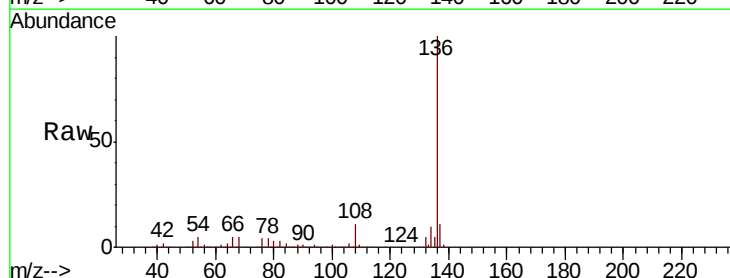
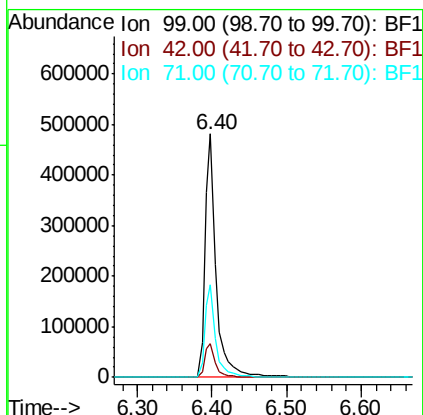
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#21

Naphthalene-d8

Concen: 20.000 ng

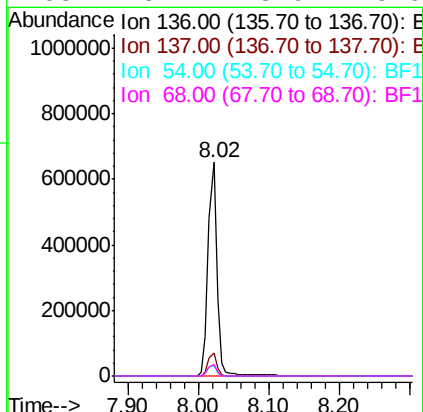
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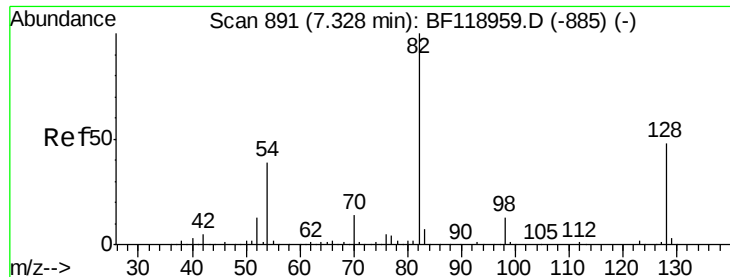
Delta R.T. -0.01 min

Lab File: BF119203.D

Acq: 4 Mar 2020 19:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		571940		
137	10.9	8.8	13.2		
54	4.8	3.8	5.6		
68	5.2	3.9	5.9		





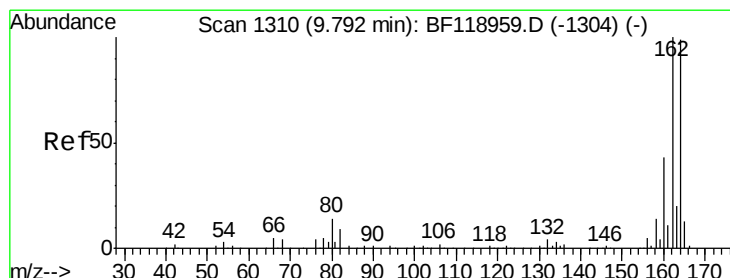
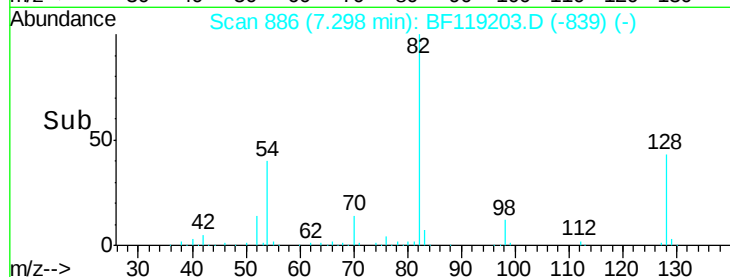
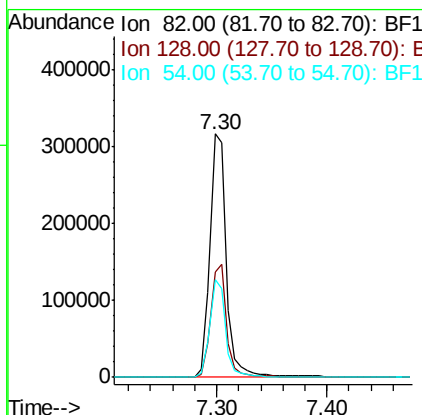
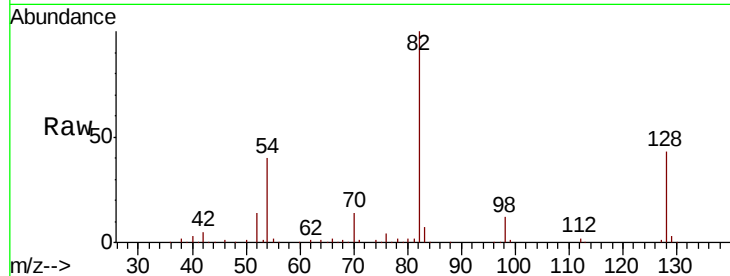
#23
 Nitrobenzene-d5
 Concen: 29.646 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119203.D
 Acq: 4 Mar 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-030320

Tot Ion	82	Resp	321135
Ion Ratio	Lower	Upper	
82	100		
128	43.4	37.9	56.9
54	40.3	33.4	50.2

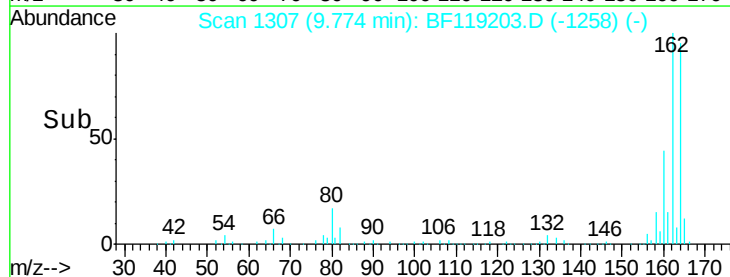
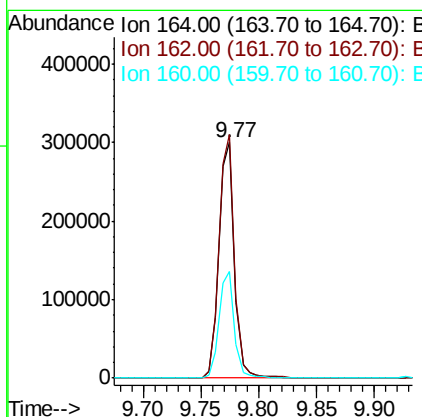
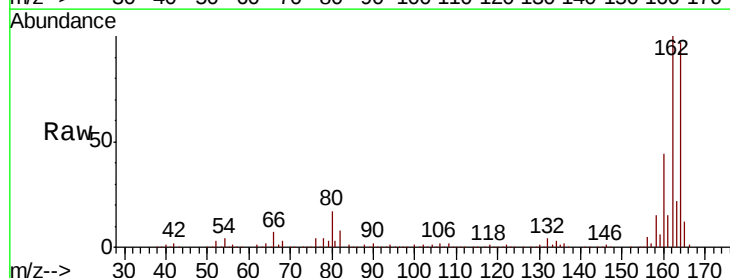
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119203.D
 Acq: 4 Mar 2020 19:22

Tgt Ion	164	Resp	280717
Ion Ratio	Lower	Upper	
164	100		
162	103.2	81.8	122.8
160	45.1	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 32.937 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119203.D

Acq: 4 Mar 2020 19:22

Instrument :

BNA_F

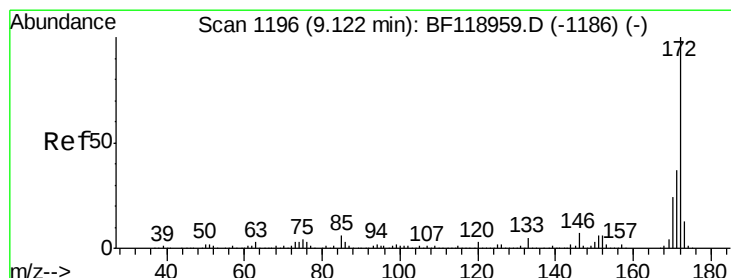
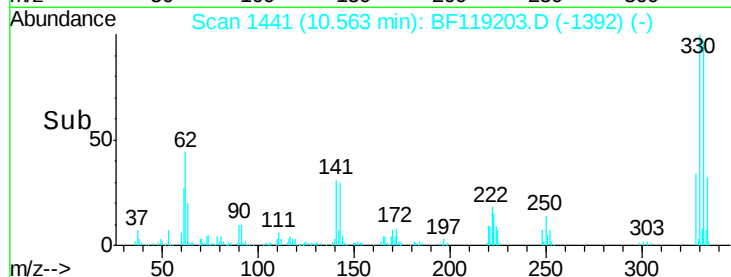
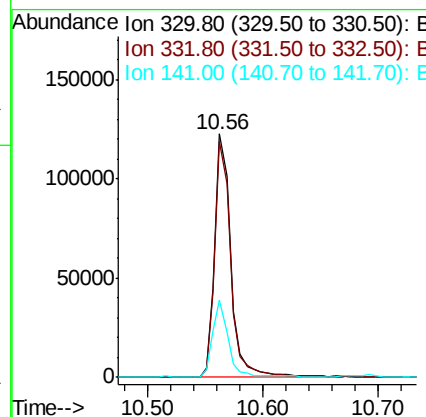
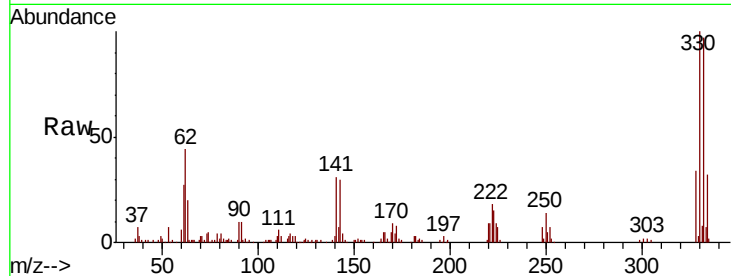
ClientSampleId :

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Tot Ion:	330	Resp:	120953
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.0	114.0
141	31.8	22.9	34.3

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#45

2-Fluorobiphenyl

Concen: 33.567 ng

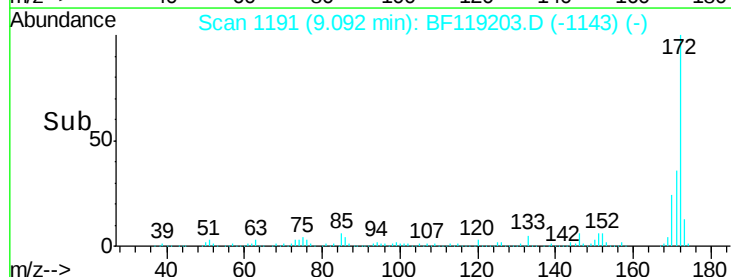
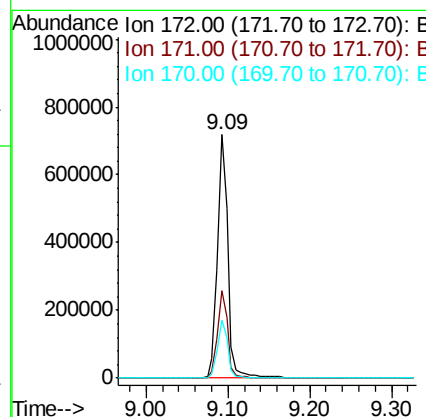
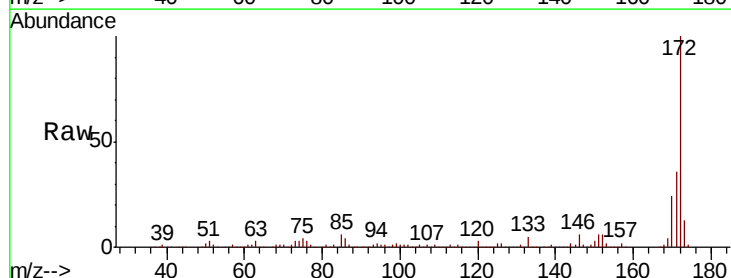
RT: 9.09 min Scan# 1191

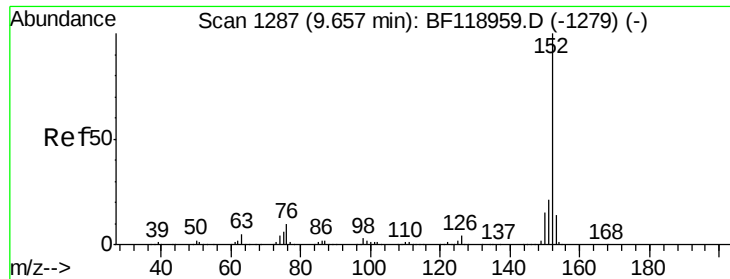
Delta R.T. -0.02 min

Lab File: BF119203.D

Acq: 4 Mar 2020 19:22

Tgt Ion:	172	Resp:	639635
Ion Ratio	Lower	Upper	
172	100		
171	36.1	30.6	45.8
170	23.6	20.2	30.2





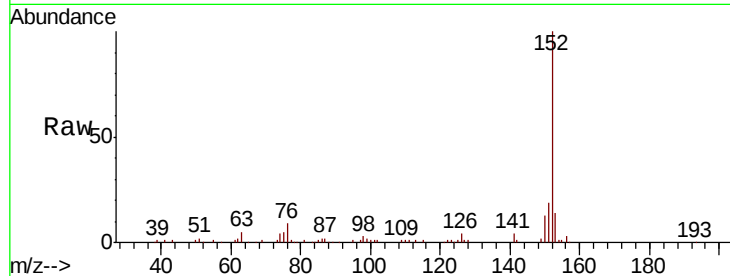
#49
Acenaphthylene
Concen: 3.115 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF119203.D
Acq: 4 Mar 2020 19:22

Instrument :
BNA_F
ClientSampleId :
OR-02-030320

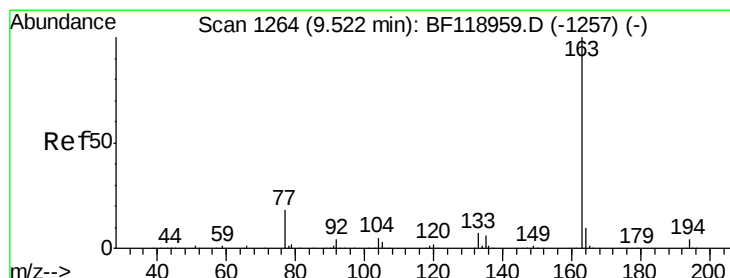
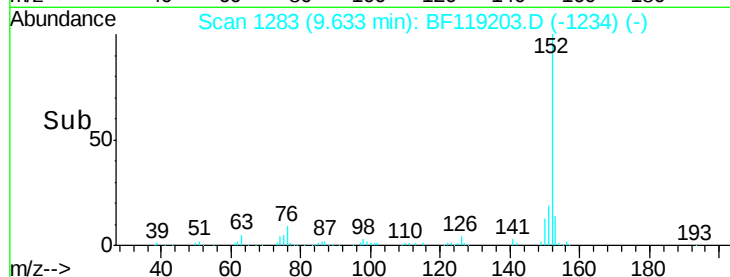
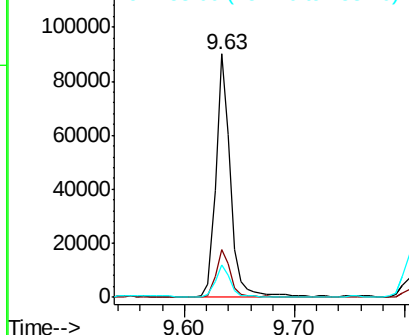
Tot Ion:	152	Resp:	82242
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.9	25.3
153	13.5	11.0	16.6

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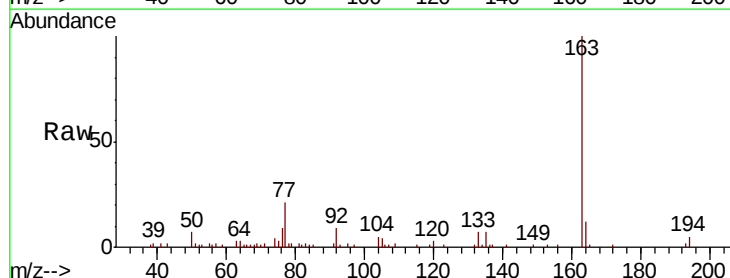


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

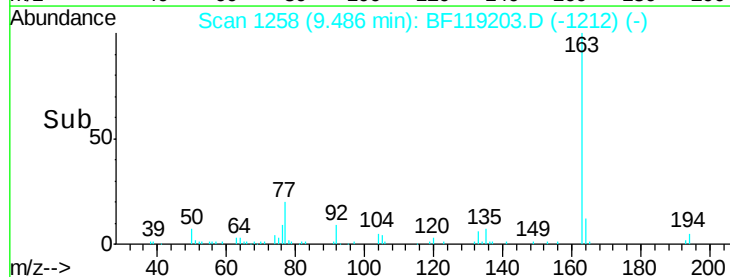
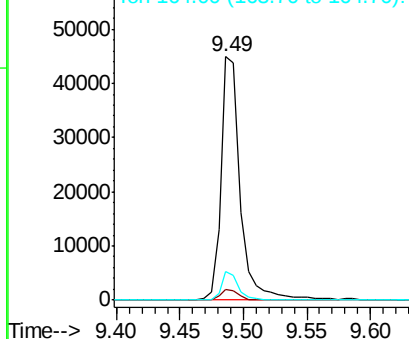


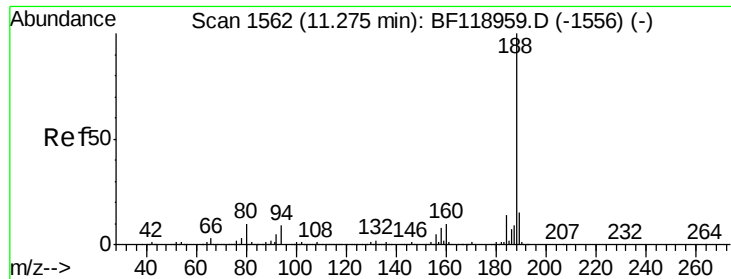
#50
Dimethylphthalate
Concen: 2.215 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119203.D
Acq: 4 Mar 2020 19:22

Tgt Ion:	163	Resp:	47552
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	11.6	8.4	12.6



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





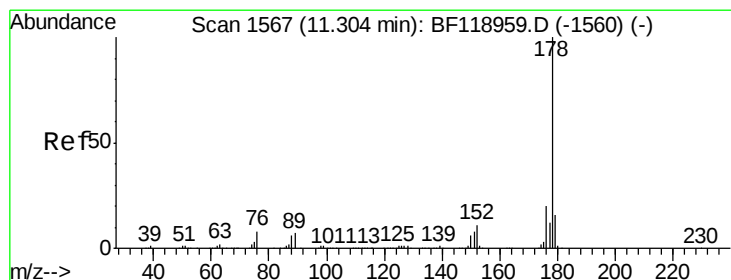
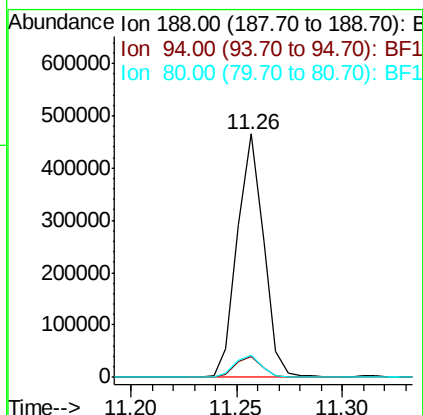
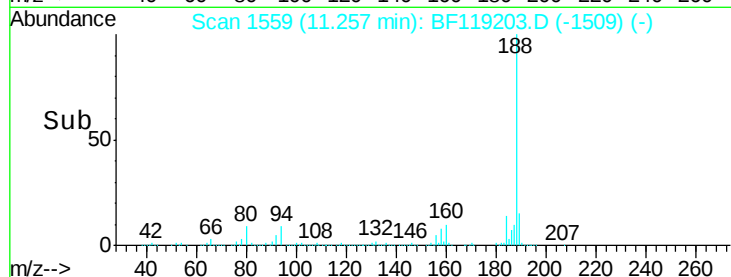
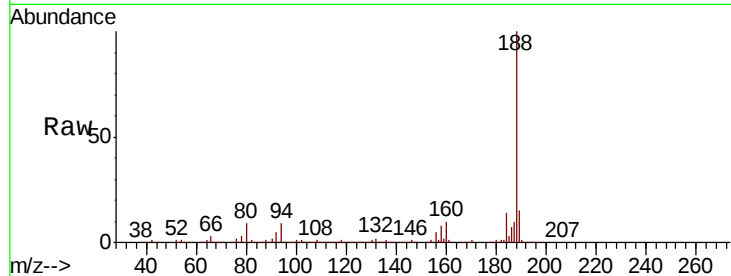
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119203.D
Acq: 4 Mar 2020 19:22

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	402672		
94	8.6		7.1	10.7
80	9.2		7.8	11.8

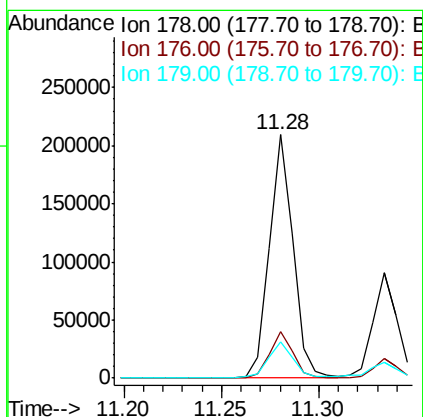
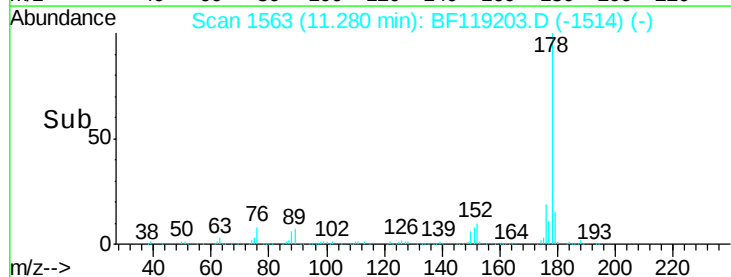
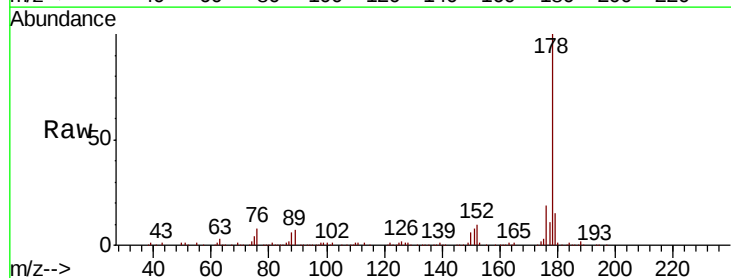
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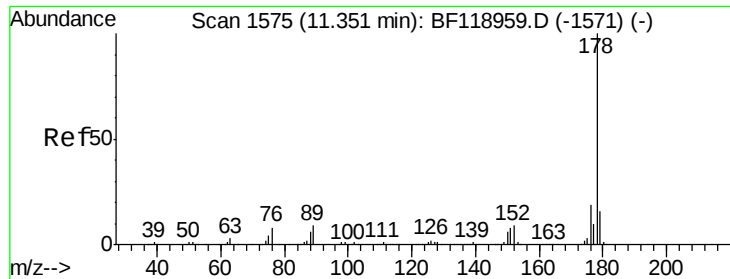
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#71
Phenanthrene
Concen: 8.060 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119203.D
Acq: 4 Mar 2020 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	176990		
176	19.3		16.5	24.7
179	14.8		13.0	19.6





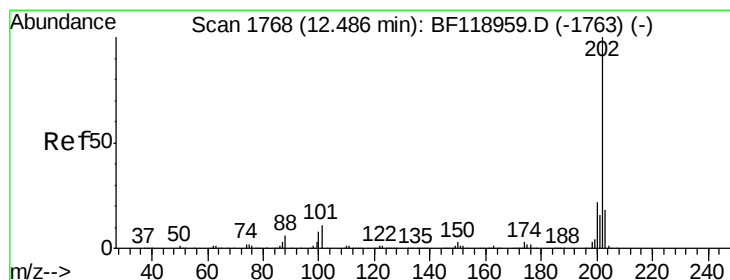
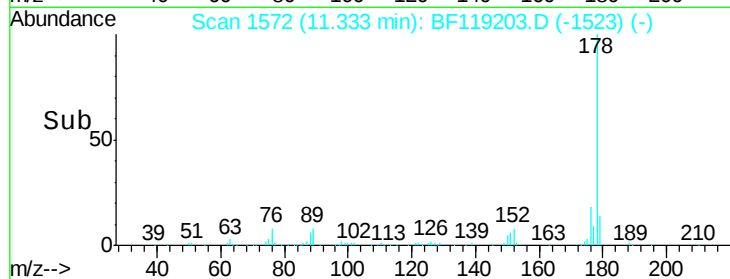
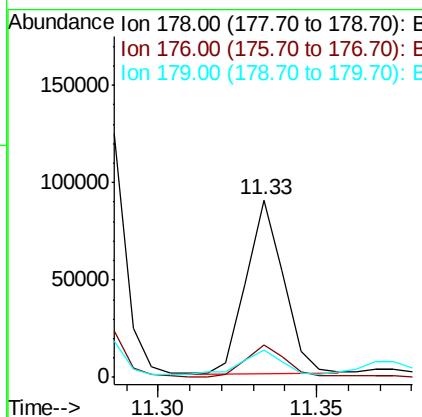
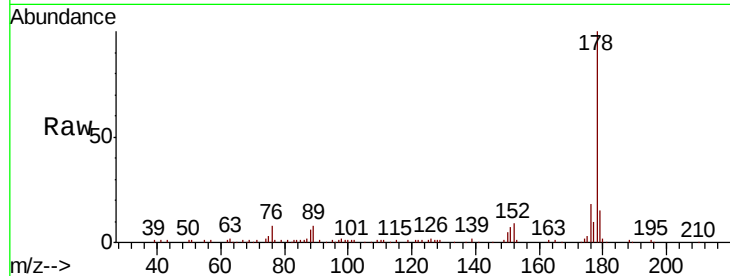
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 Anthracene
 Concen: 3.361 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF119203.D
 Acq: 4 Mar 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-030320

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.0	24.0
179	15.4	13.1	19.7

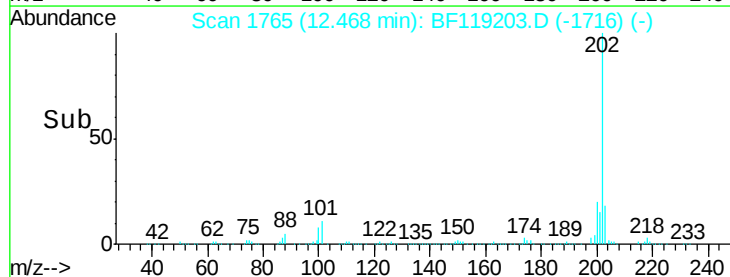
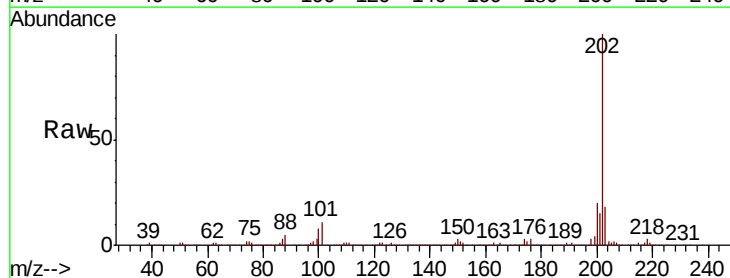
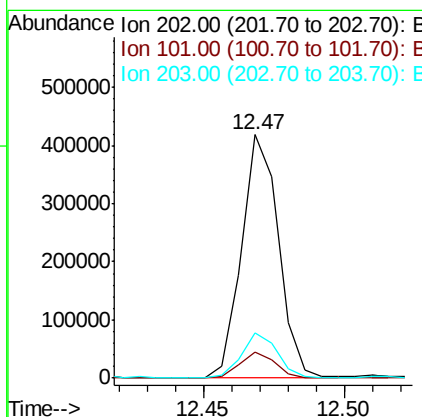
Manual Integrations
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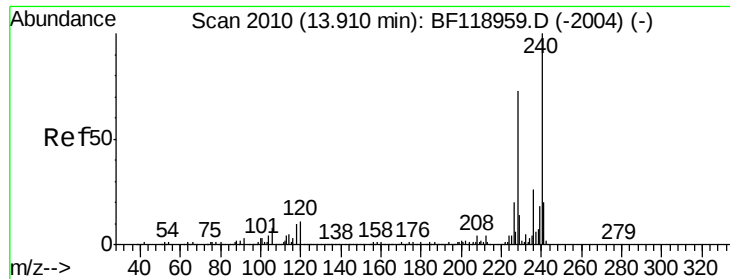
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#75
 Fluoranthene
 Concen: 16.310 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF119203.D
 Acq: 4 Mar 2020 19:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
203	18.3	0.0	38.4





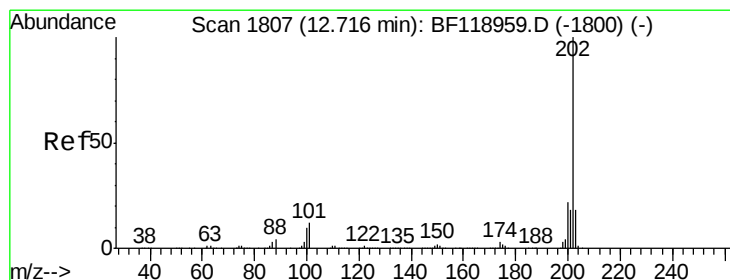
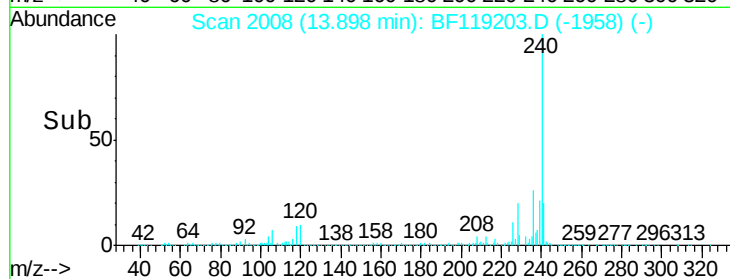
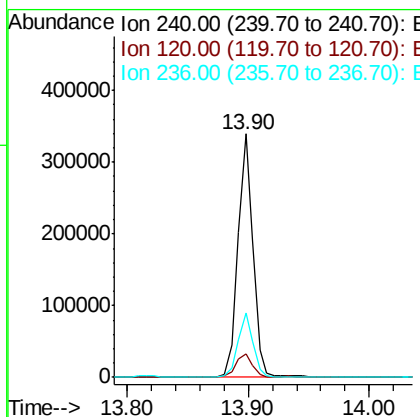
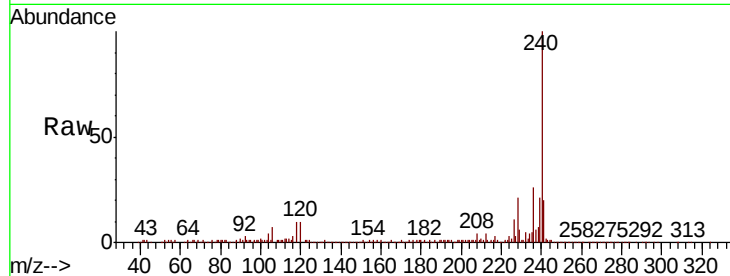
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119203.D
Acq: 4 Mar 2020 19:22

Instrument :
BNA_F
ClientSampleId :
OR-02-030320

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	26.3	21.0	31.4

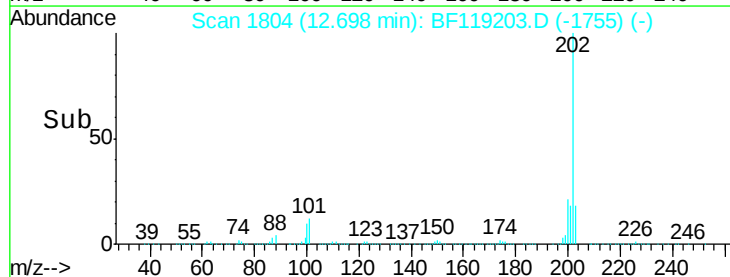
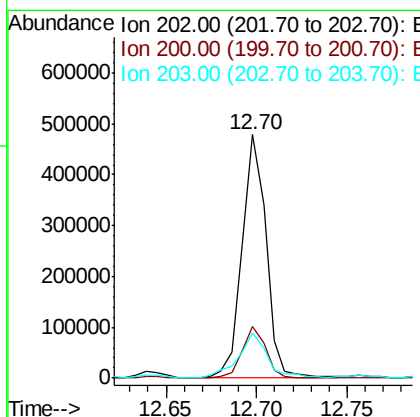
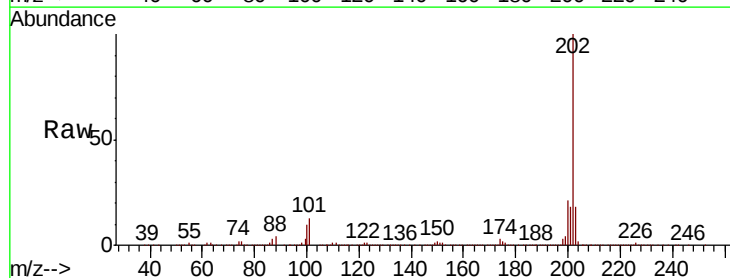
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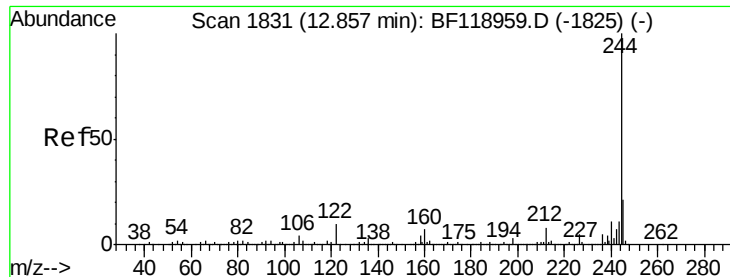
mohammad
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#78
Pyrene
Concen: 18.522 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF119203.D
Acq: 4 Mar 2020 19:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.0	27.0
203	18.5	14.6	22.0





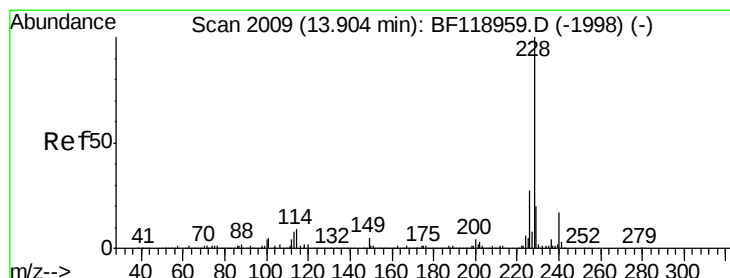
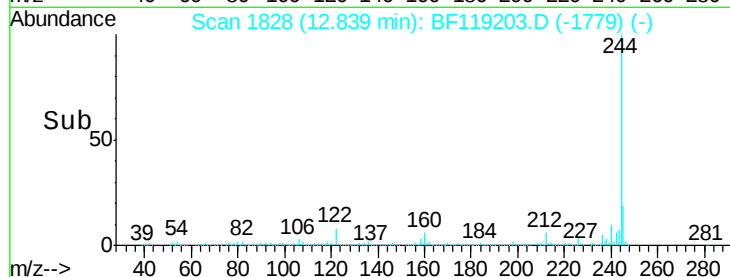
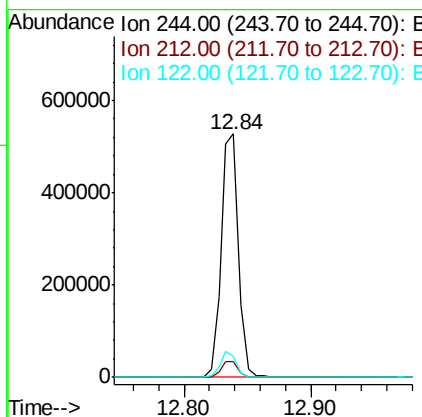
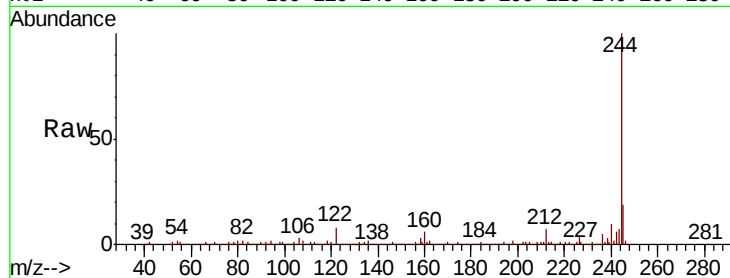
#79
 Terphenyl-d14
 Concen: 29.154 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119203.D
 Acq: 4 Mar 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-030320

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.6	10.0#
122	8.4	8.2	12.2

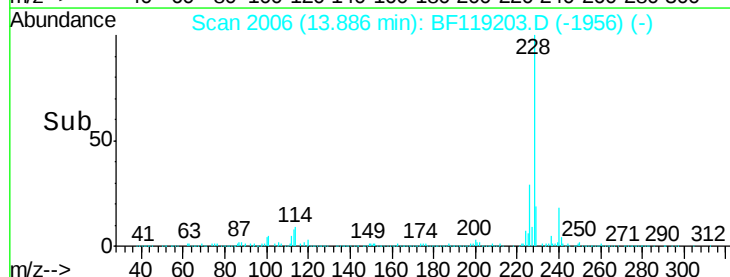
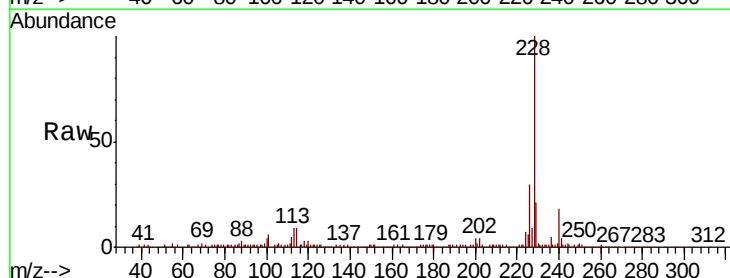
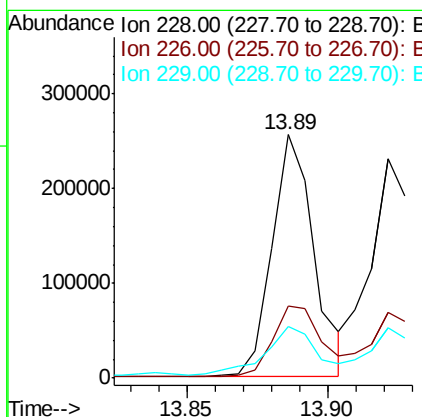
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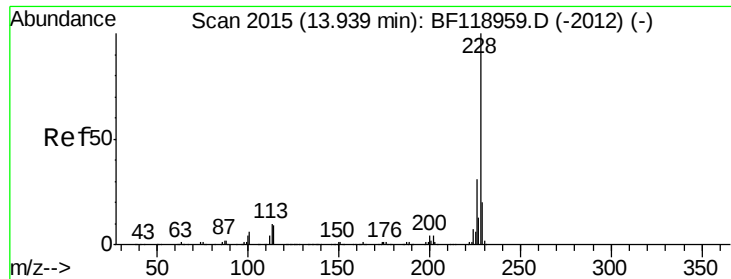
mohammad
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#81
 Benzo(a)anthracene
 Concen: 13.073 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119203.D
 Acq: 4 Mar 2020 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	21.2	16.6	24.8





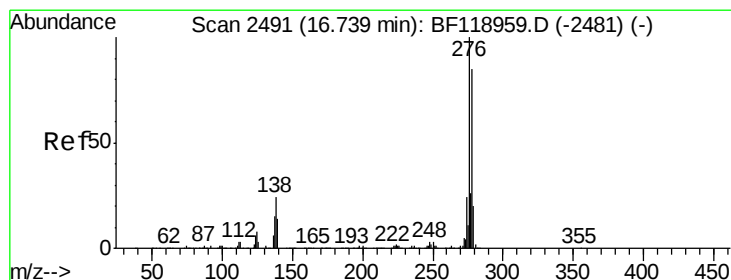
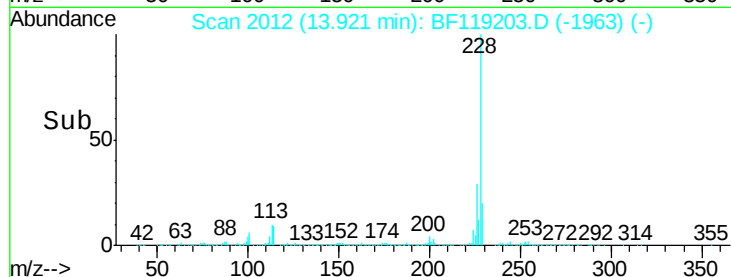
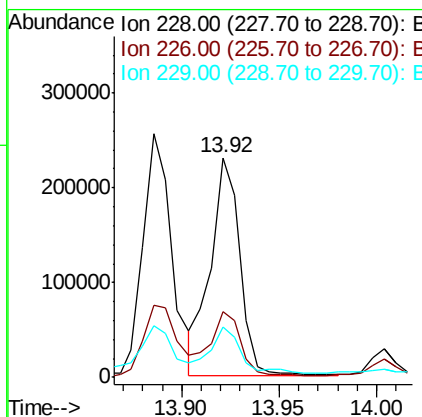
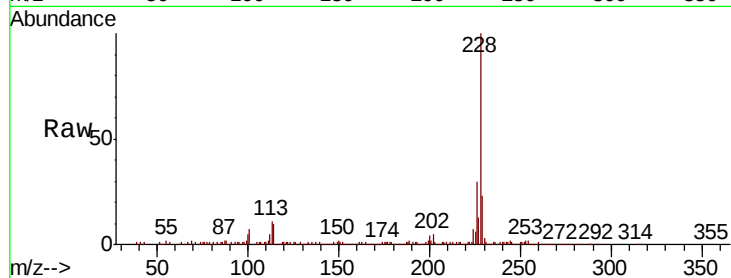
#83
Chrysene
Concen: 12.098 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF119203.D
Acq: 4 Mar 2020 19:22

Instrument :
BNA_F
ClientSampleId :
OR-02-030320

Tot Ion:	228	Resp:	242941
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.1	37.7
229	22.9	16.3	24.5

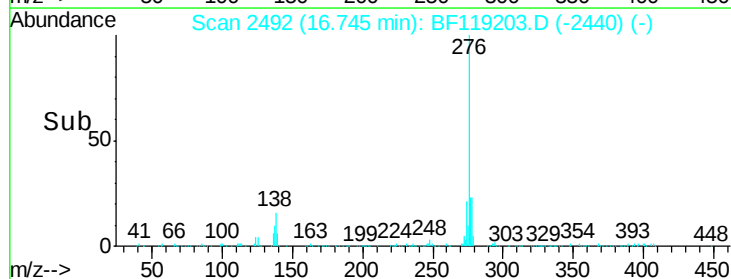
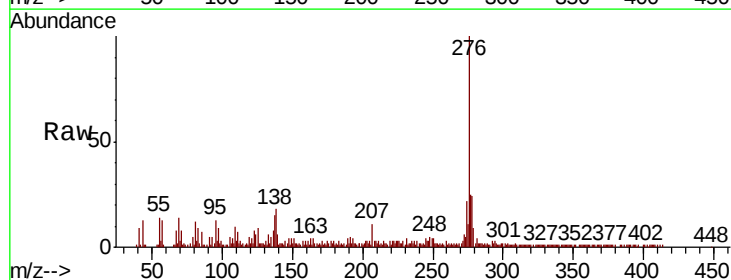
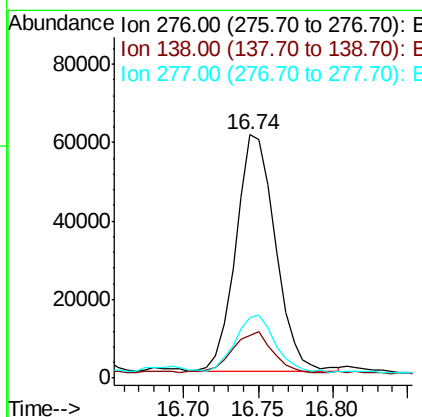
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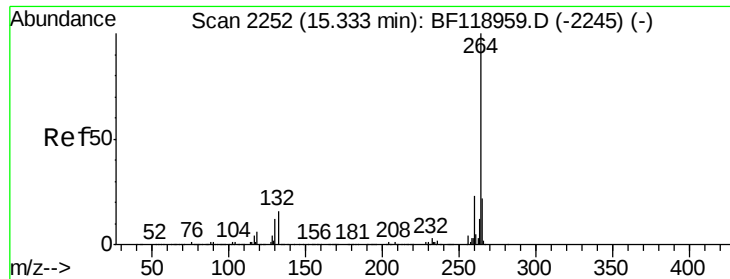
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 5.688 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF119203.D
Acq: 4 Mar 2020 19:22

Tgt Ion:	276	Resp:	110605
Ion Ratio	Lower	Upper	
276	100		
138	18.8	17.4	26.0
277	24.9	20.3	30.5





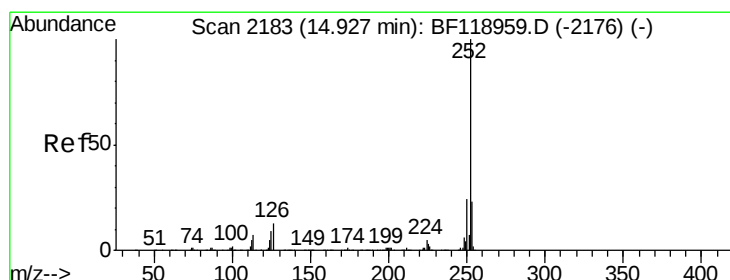
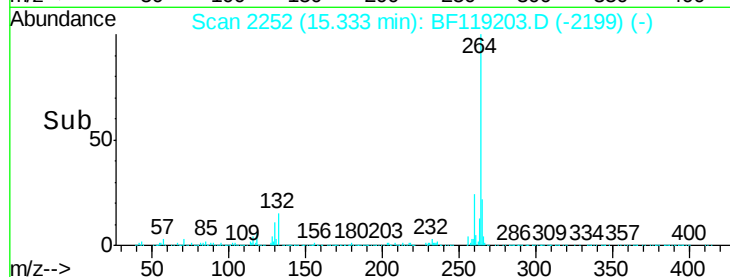
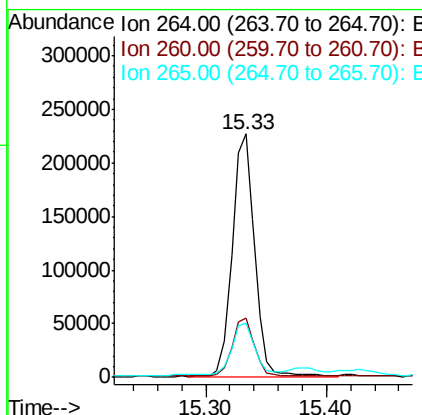
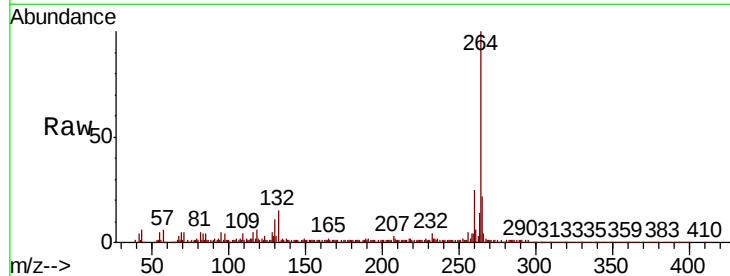
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF119203.D
Acq: 4 Mar 2020 19:22

Instrument :
BNA_F
ClientSampleId :
OR-02-030320

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.4	17.7	26.5

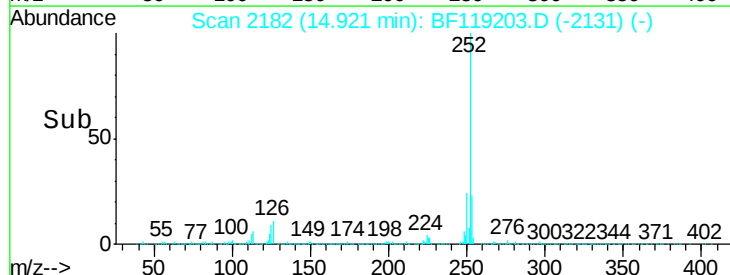
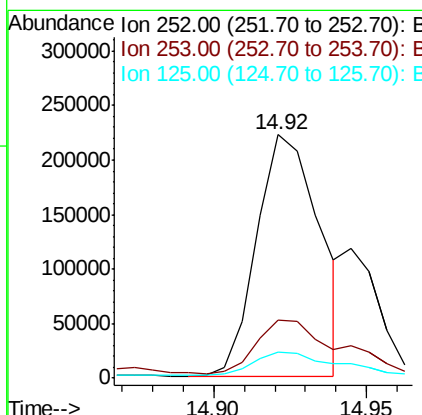
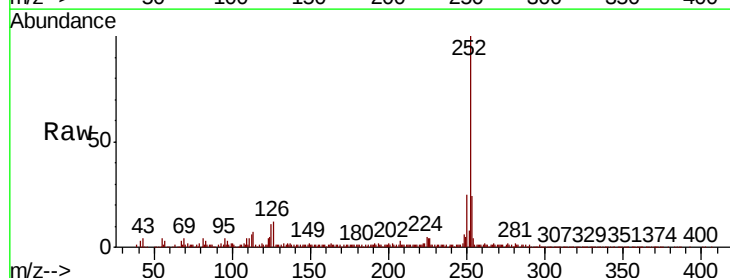
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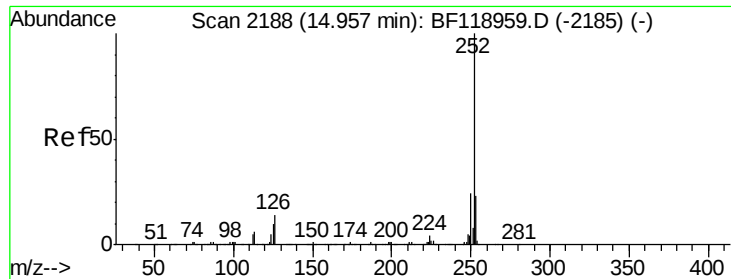
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#88
Benzo(b)fluoranthene
Concen: 16.396 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119203.D
Acq: 4 Mar 2020 19:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	10.6	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 5.366 ng/mL

RT: 14.94 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BF119203.D

Acq: 4 Mar 2020 19:22

Instrument :

BNA_F

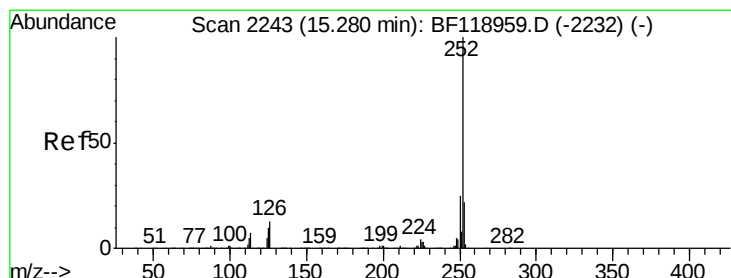
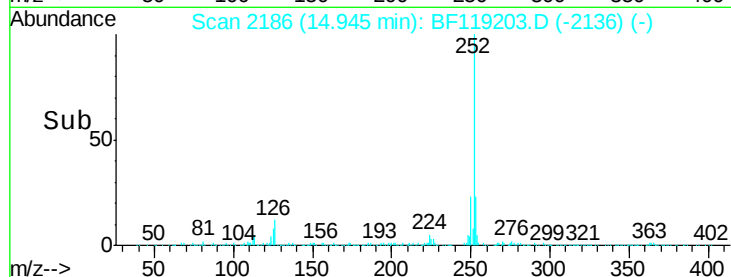
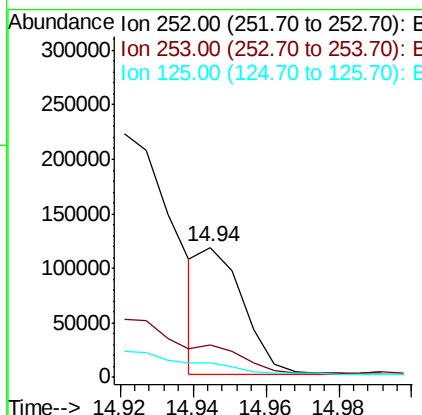
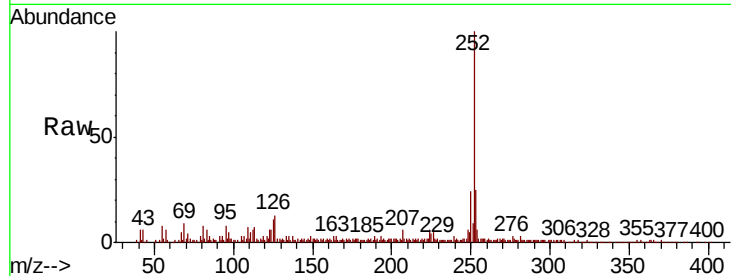
ClientSampleId :

OR-02-030320

Tot Ion:	252	Resp:	95348
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.8	26.8
125	10.7	7.5	11.3

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 13.438 ng/mL

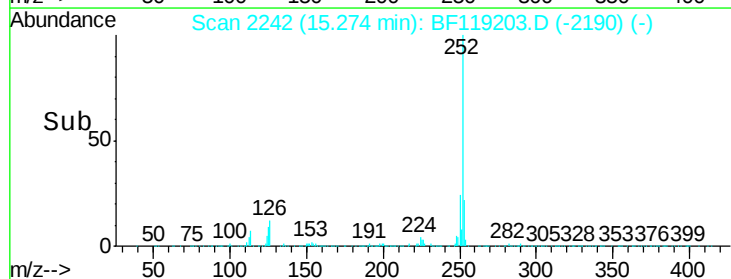
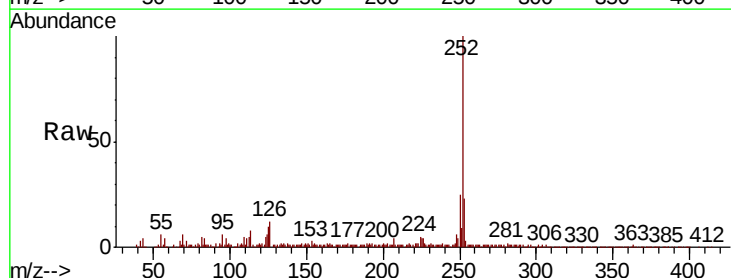
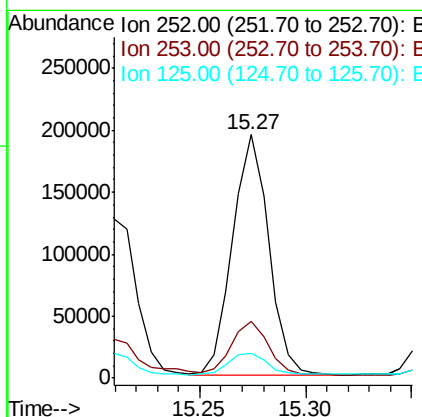
RT: 15.27 min Scan# 2242

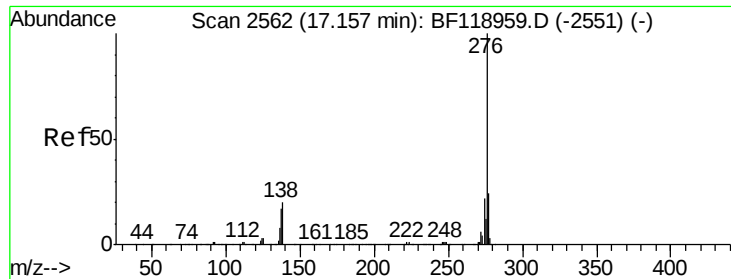
Delta R.T. 0.01 min

Lab File: BF119203.D

Acq: 4 Mar 2020 19:22

Tgt Ion:	252	Resp:	232570
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	10.2	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 7.250 ng
 RT: 17.17 min Scan# 2565
 Delta R.T. 0.02 min
 Lab File: BF119203.D
 Acq: 4 Mar 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-030320

Tot Ion:	276	Resp:	109082
Ion Ratio	Lower	Upper	
276	100		
277	25.6	18.7	28.1
138	18.7	14.3	21.5

Manual Integrations
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