

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119322.D
 Acq On : 10 Mar 2020 17:51
 Operator : CG/JU
 Sample : L1852-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-D

Manual Integrations
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 3/11/2020 4:58:05 PM

Quant Time: Mar 11 04:52:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	106777	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	406745	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	198550	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	303713	20.00	ng	0.00
76) Chrysene-d12	13.89	240	233082	20.00	ng	0.00
87) Perylene-d12	15.32	264	216748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	624699	97.77	ng	0.00
7) Phenol-d6	6.38	99	754690	97.12	ng	0.00
23) Nitrobenzene-d5	7.29	82	485181	62.98	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	190059	73.17	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	916404	67.99	ng	0.00
79) Terphenyl-d14	12.82	244	819975	60.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	141111	9.294	ng	99
71) Phenanthrene	11.27	178	138720	8.375	ng	98
72) Anthracene	11.32	178	39407	2.381	ng	97
75) Fluoranthene	12.46	202	211318	12.020	ng	98
78) Pyrene	12.69	202	204213	10.911	ng	99
81) Benzo(a)anthracene	13.87	228	119607	7.531	ng	98
83) Chrysene	13.92	228	106482	6.729	ng	98
86) Indeno(1,2,3-cd)pyrene	16.74	276	51103	3.335	ng	95
88) Benzo(b)fluoranthene	14.92	252	125203m	8.764	ng	
89) Benzo(k)fluoranthene	14.94	252	46020m	3.476	ng	
90) Benzo(a)pyrene	15.26	252	103072	7.994	ng	97
92) Benzo(a,h,i)perylene	17.17	276	52686	4.700	ng	96

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

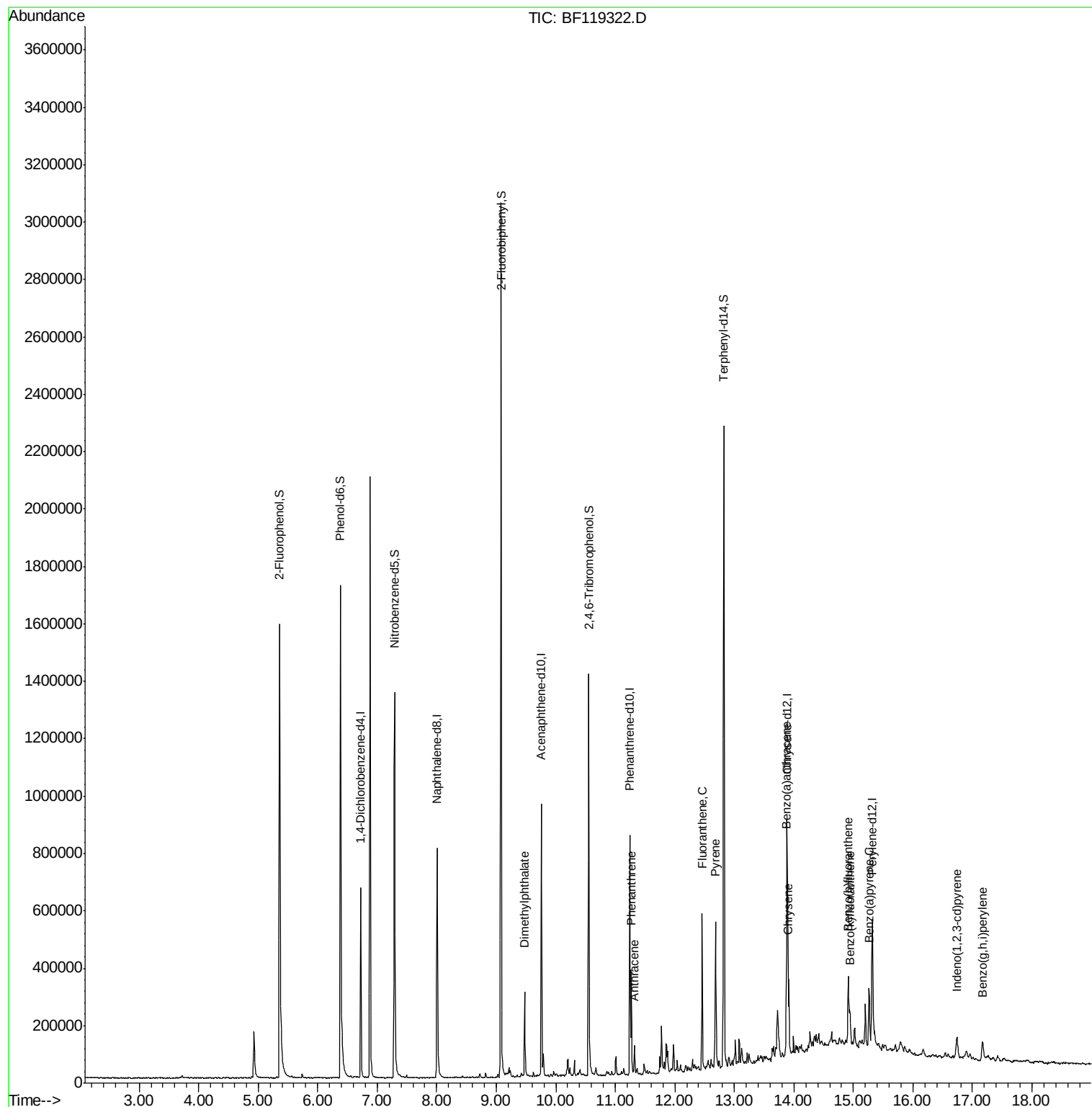
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119322.D
Acq On : 10 Mar 2020 17:51
Operator : CG/JU
Sample : L1852-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

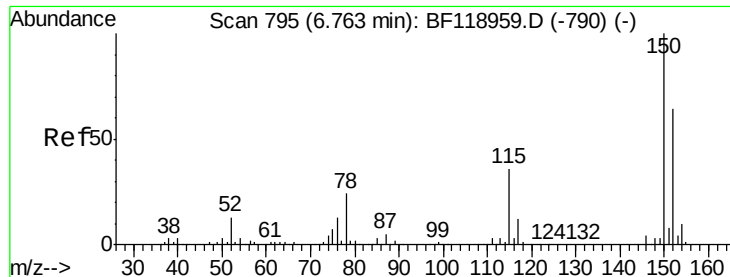
Instrument :
BNA_F
ClientSampleId :
TP-2-D

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Quant Time: Mar 11 04:52:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

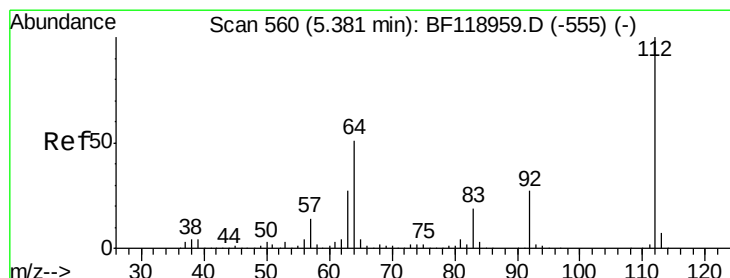
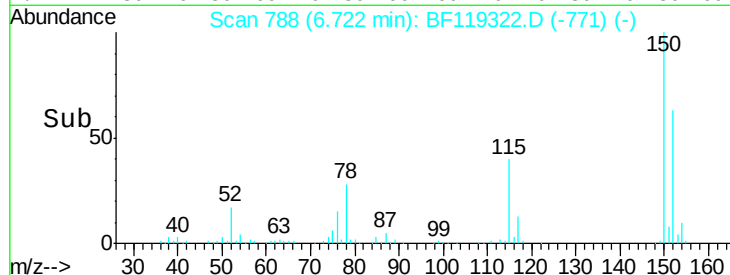
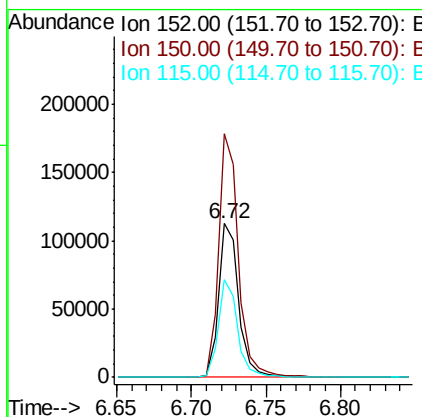
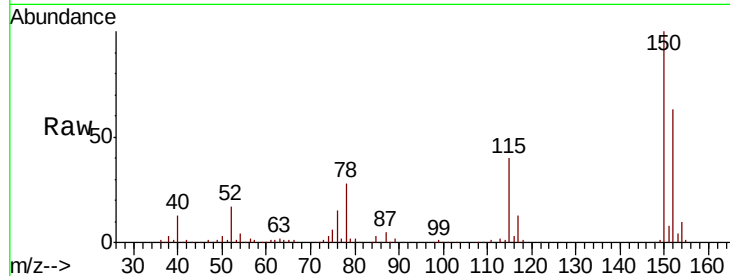
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Instrument :
BNA_F
ClientSampled :
TP-2-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.0	184.6
115	63.8	49.5	74.3

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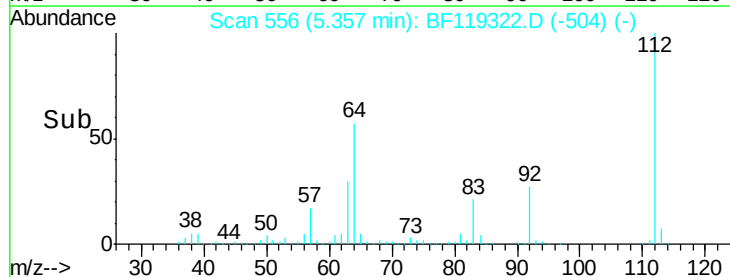
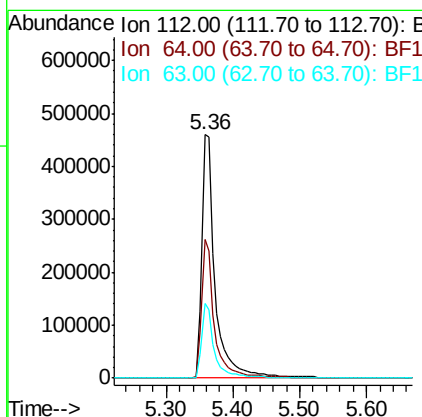
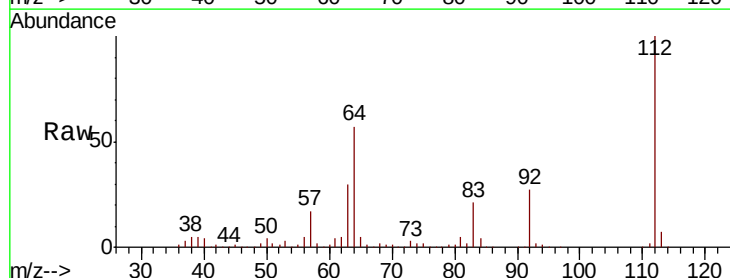
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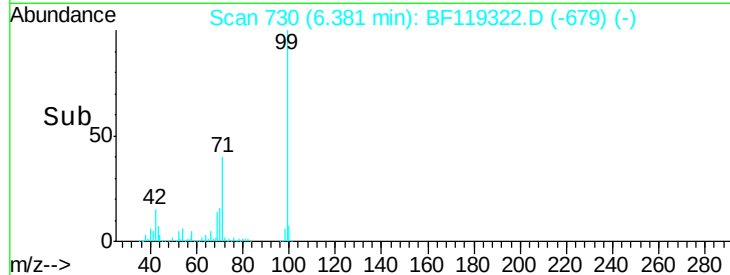
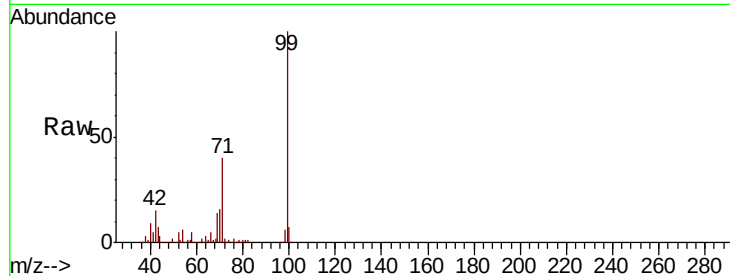
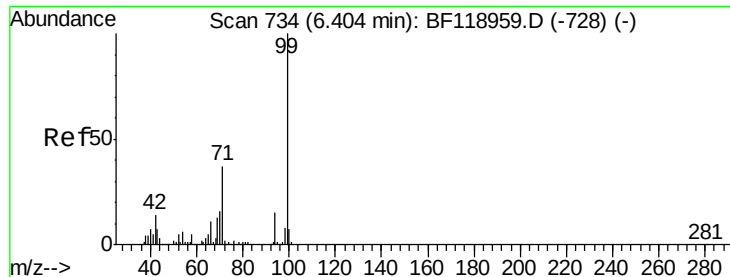


#5

2-Fluorophenol
Concen: 97.772 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.0	67.4
63	30.5	24.2	36.4





#7

Phenol-d6

Concen: 97.121 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119322.D

Acq: 10 Mar 2020 17:51

Tot Ion:	99	Resp:	754690
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.6	18.8
71	39.7	31.0	46.4

Instrument :

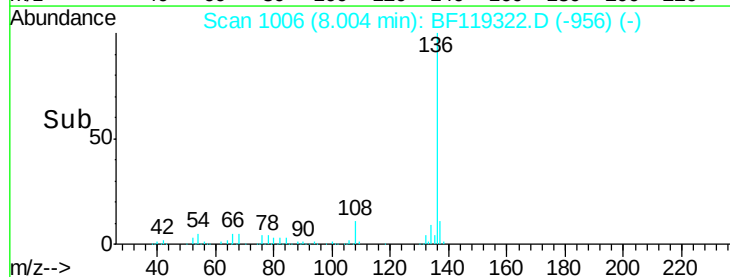
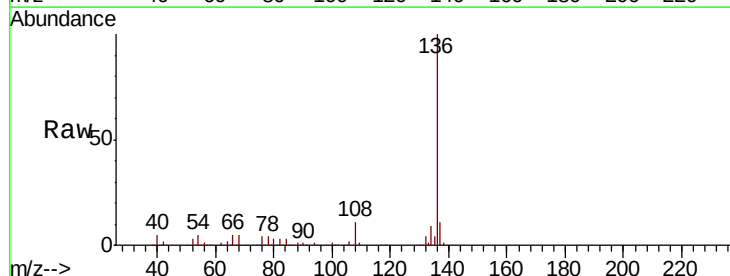
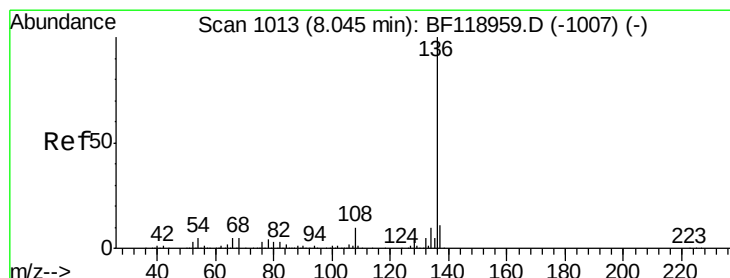
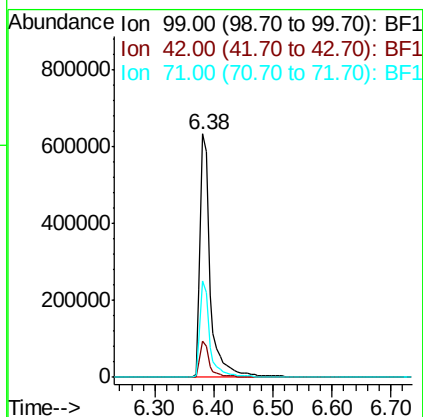
BNA_F

ClientSampleId :

TP-2-D

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#21

Naphthalene-d8

Concen: 20.000 ng

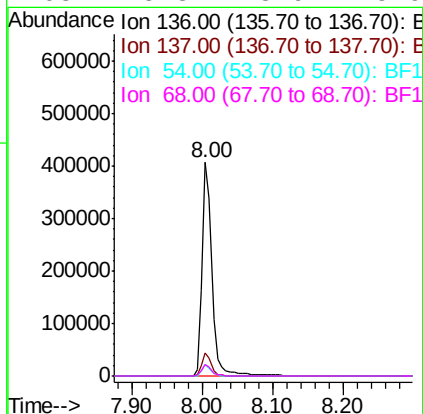
RT: 8.00 min Scan# 1006

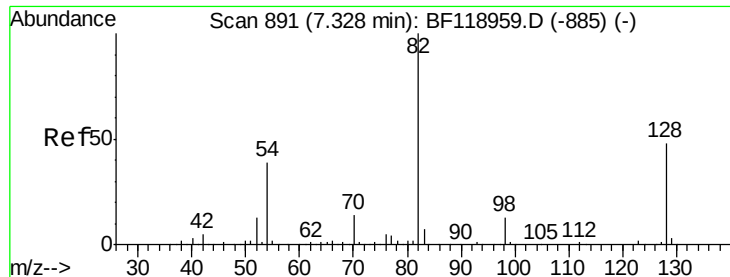
Delta R.T. -0.01 min

Lab File: BF119322.D

Acq: 10 Mar 2020 17:51

Tgt Ion:	136	Resp:	406745
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	5.2	3.8	5.6
68	5.3	3.9	5.9





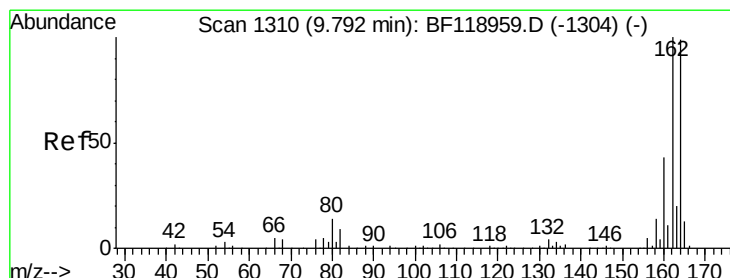
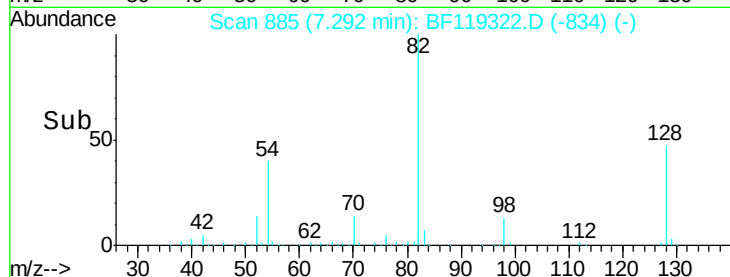
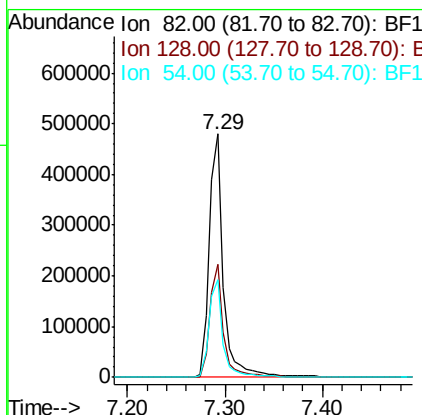
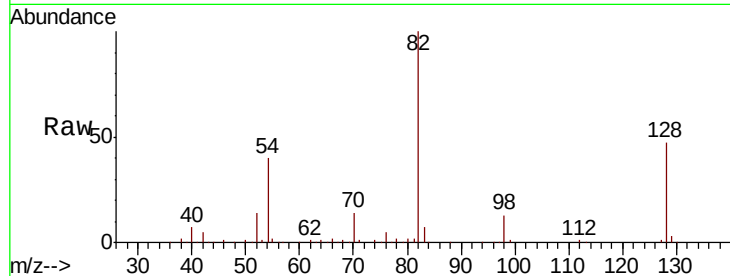
#23
 Nitrobenzene-d5
 Concen: 62.982 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119322.D
 Acq: 10 Mar 2020 17:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.9	56.9
54	39.9	33.4	50.2

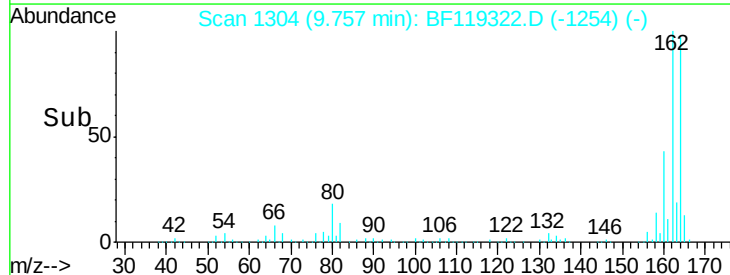
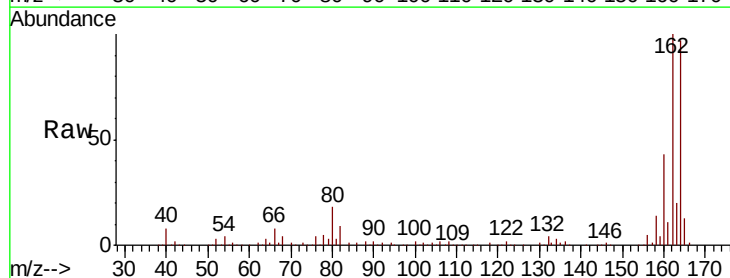
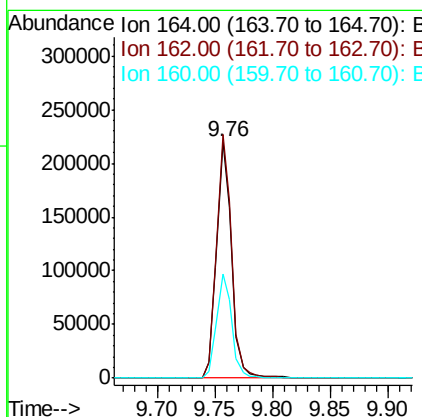
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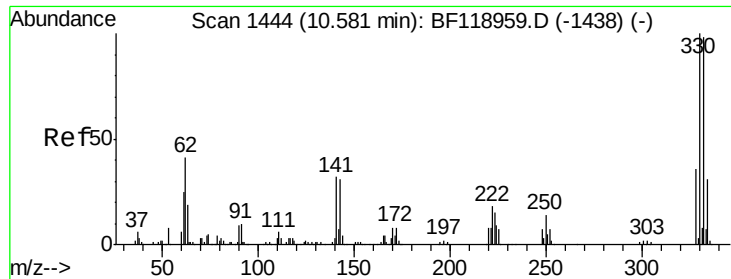
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119322.D
 Acq: 10 Mar 2020 17:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.8	122.8
160	44.1	36.0	54.0





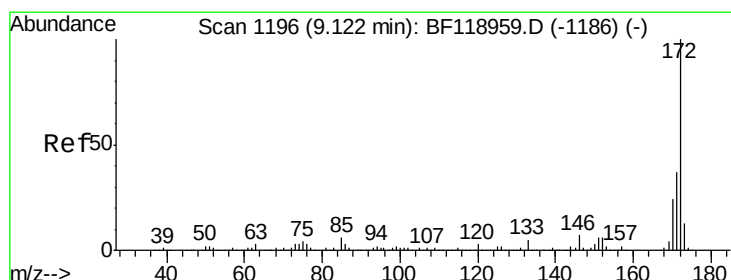
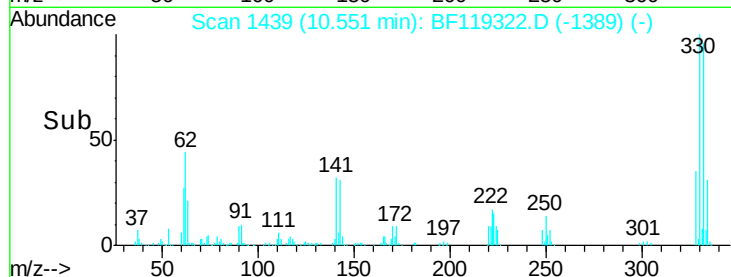
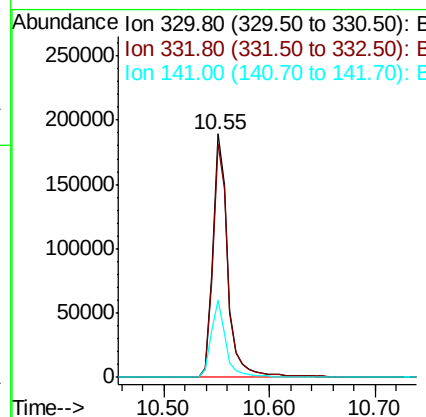
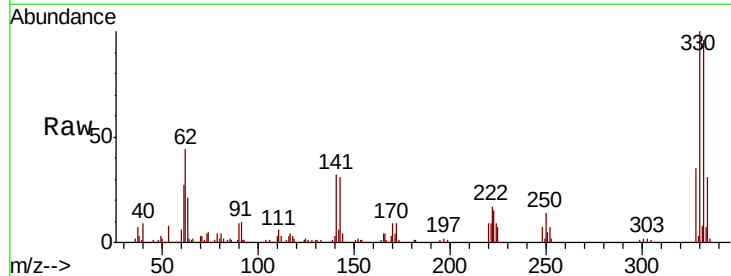
#42
 2,4,6-Tribromophenol
 Concen: 73.174 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119322.D
 Acq: 10 Mar 2020 17:51

Instrument :
 BNA_F
 ClientSampled :
 TP-2-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.0	114.0
141	30.9	22.9	34.3

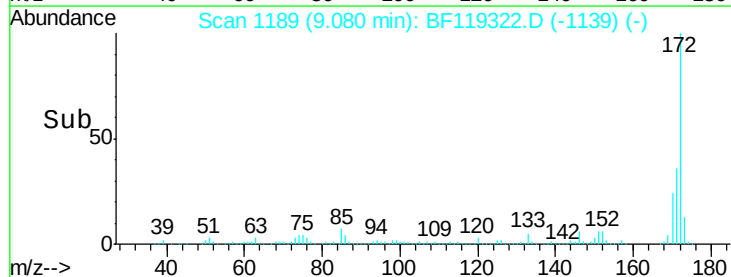
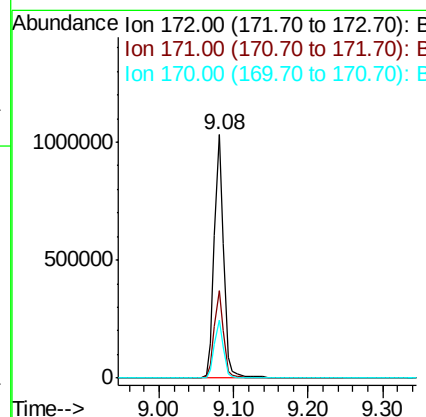
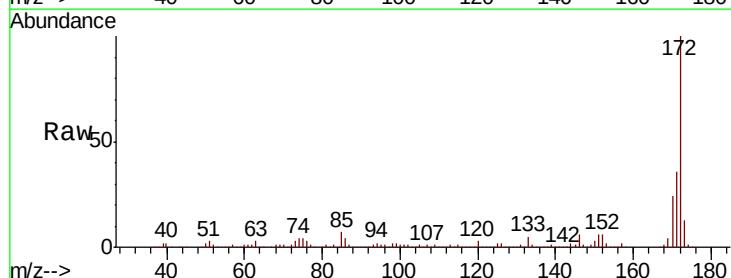
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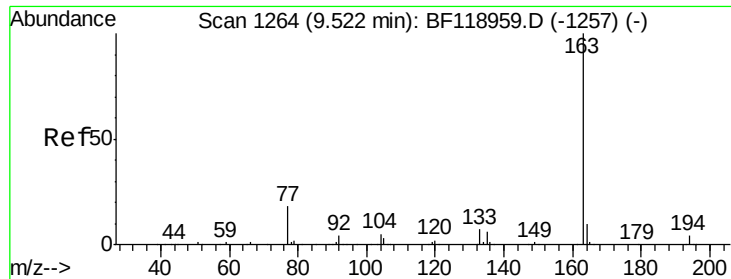
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#45
 2-Fluorobiphenyl
 Concen: 67.994 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119322.D
 Acq: 10 Mar 2020 17:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	23.8	20.2	30.2





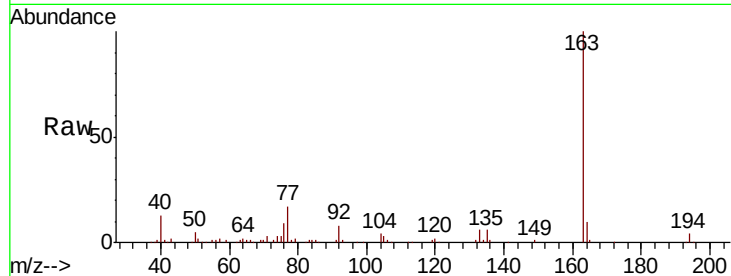
#50
Dimethylphthalate
Concen: 9.294 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Instrument :
BNA_F
ClientSampleId :
TP-2-D

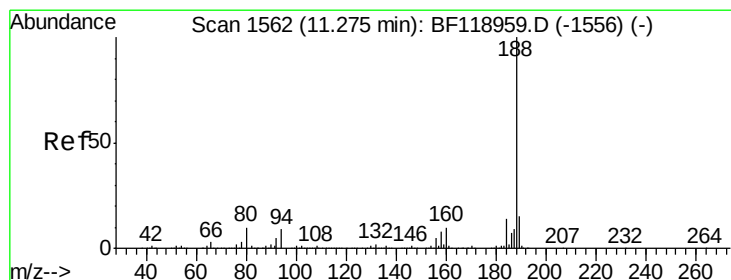
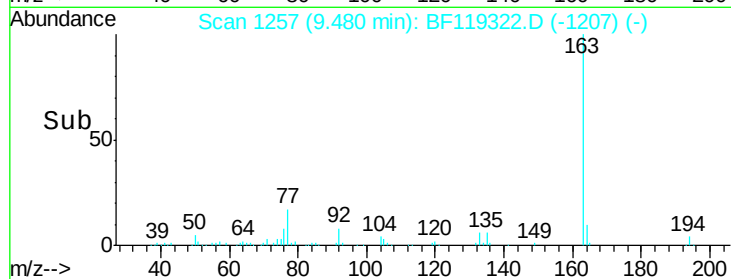
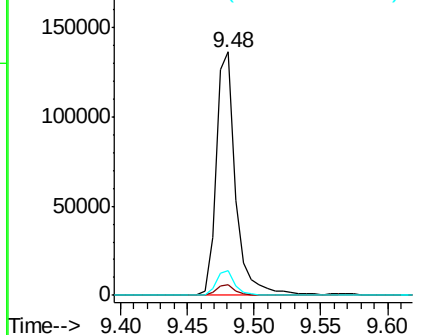
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		141111		
194	4.2		3.5	5.3	
164	9.9		8.4	12.6	

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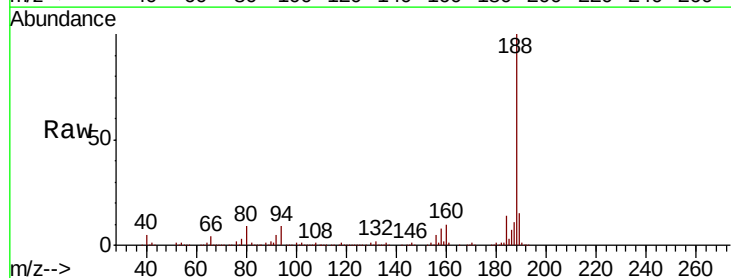


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

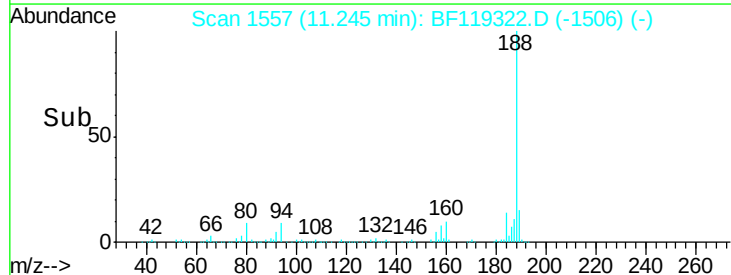
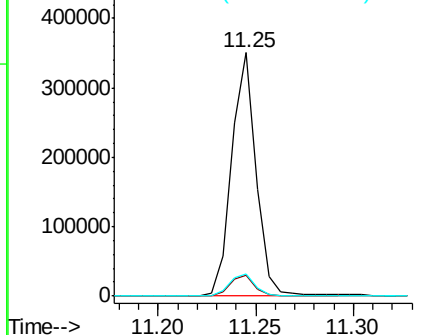


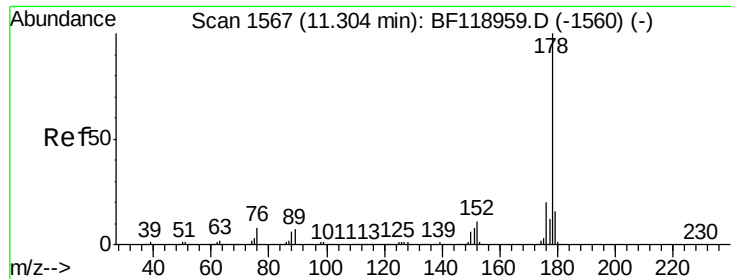
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		303713		
94	8.5		7.1	10.7	
80	9.0		7.8	11.8	



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





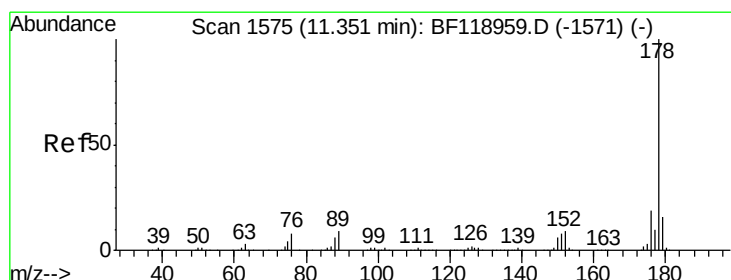
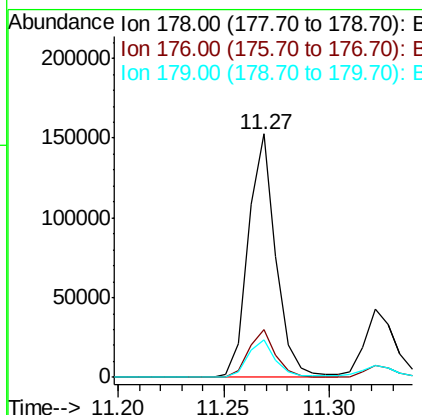
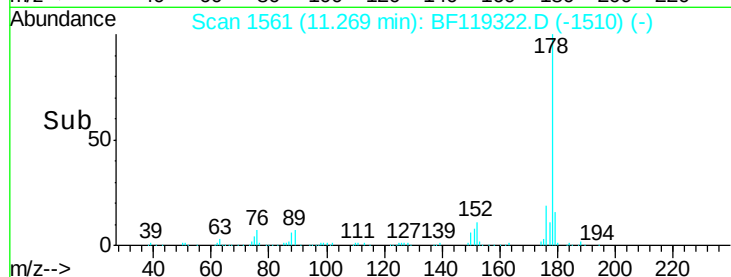
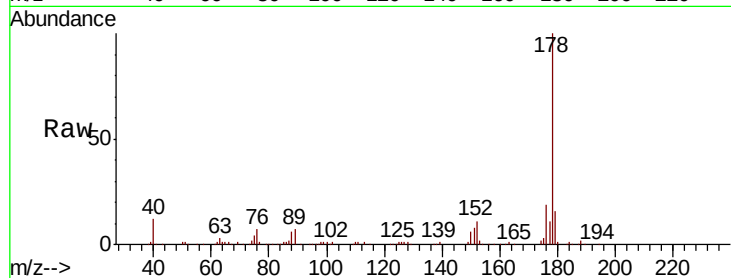
#71
Phenanthrene
Concen: 8.375 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.5	24.7
179	15.5	13.0	19.6

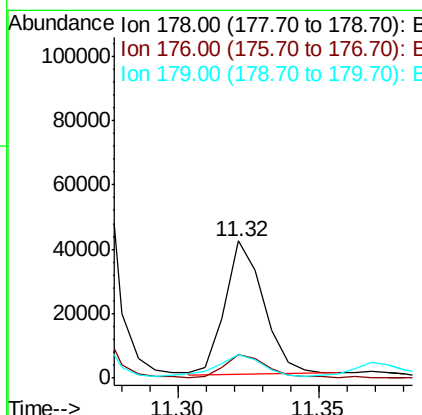
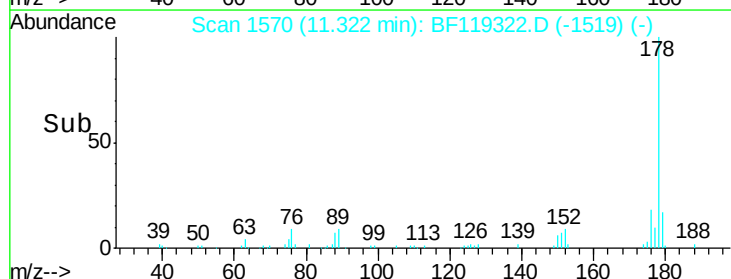
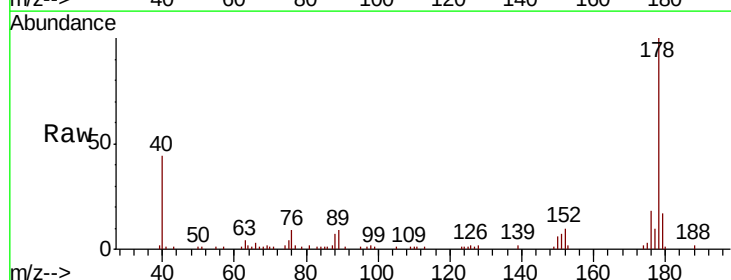
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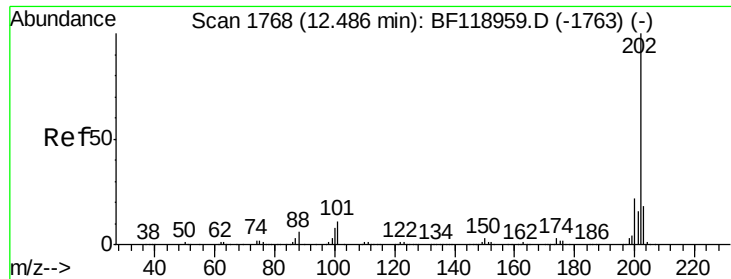
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#72
Anthracene
Concen: 2.381 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	16.0	24.0
179	16.8	13.1	19.7





#75

Fluoranthene

Concen: 12.020 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF119322.D

Acq: 10 Mar 2020 17:51

Instrument :

BNA_F

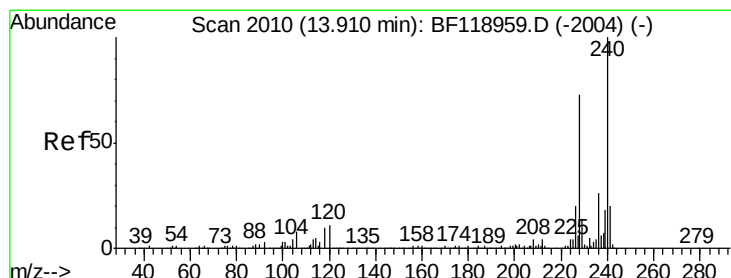
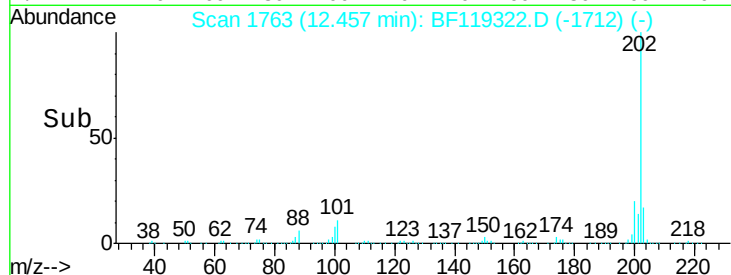
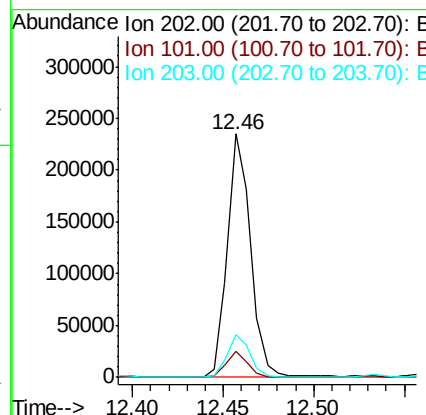
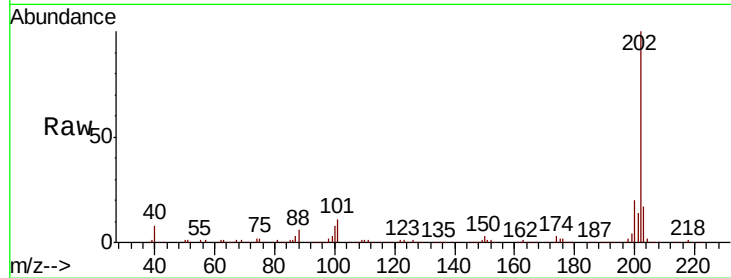
ClientSampleId :

TP-2-D

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	30.3
203	17.4	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

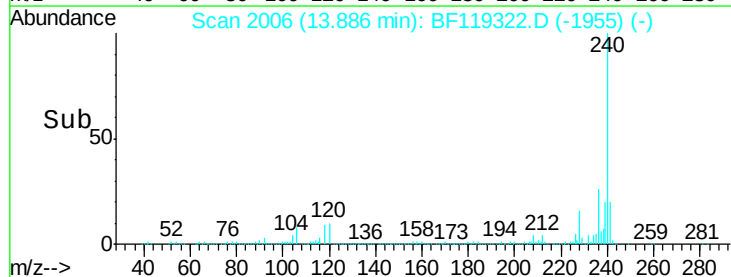
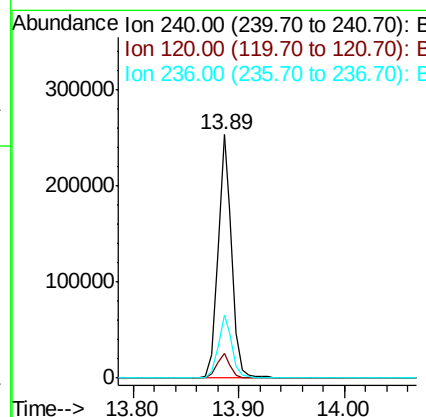
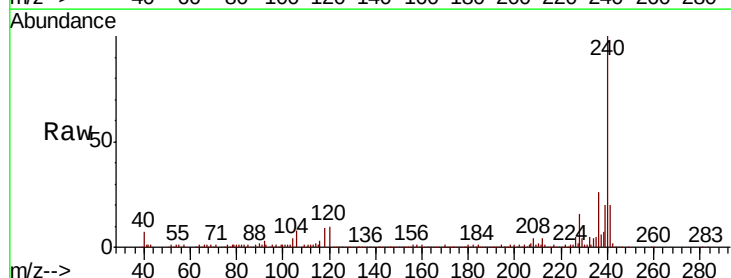
RT: 13.89 min Scan# 2006

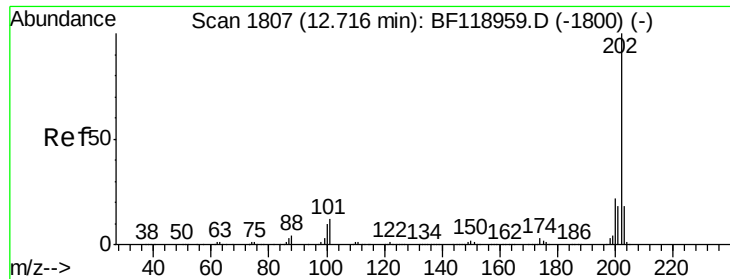
Delta R.T. 0.00 min

Lab File: BF119322.D

Acq: 10 Mar 2020 17:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	8.4	12.6
236	25.7	21.0	31.4





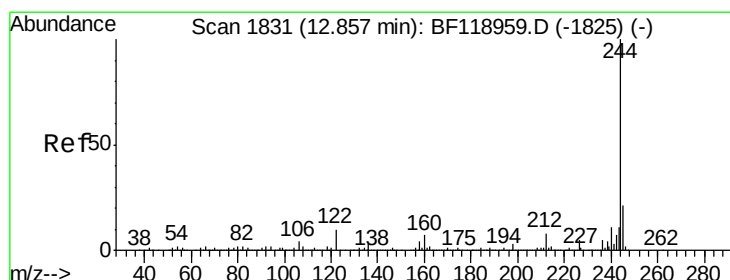
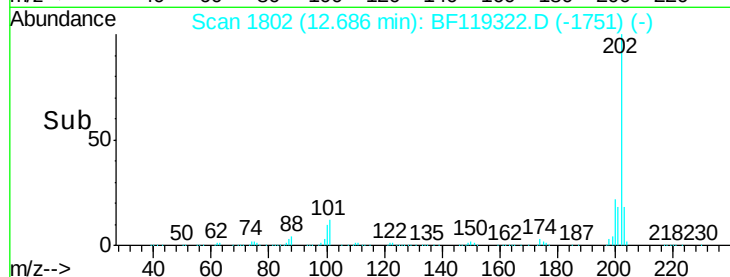
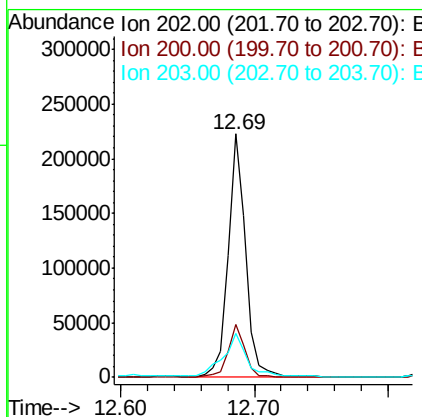
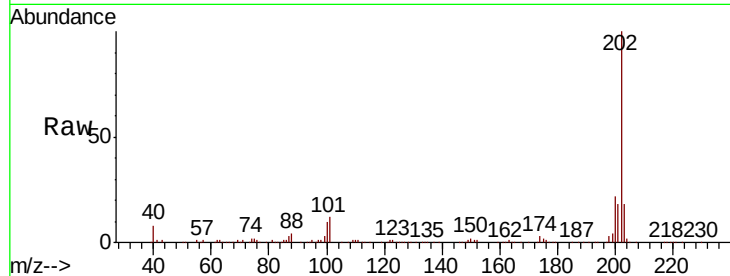
#78
Pvrene
Concen: 10.911 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.0	27.0
203	18.3	14.6	22.0

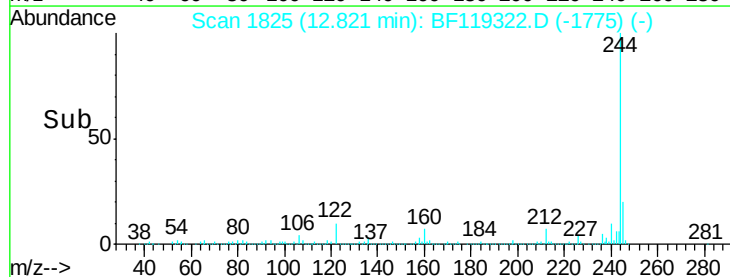
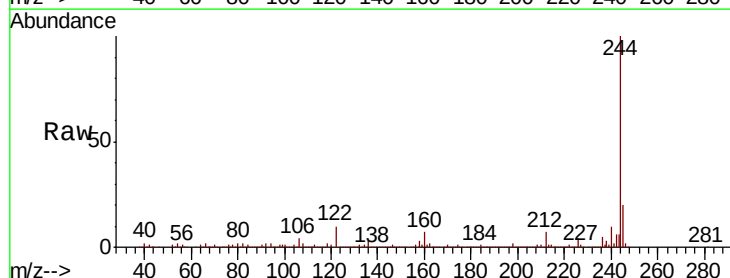
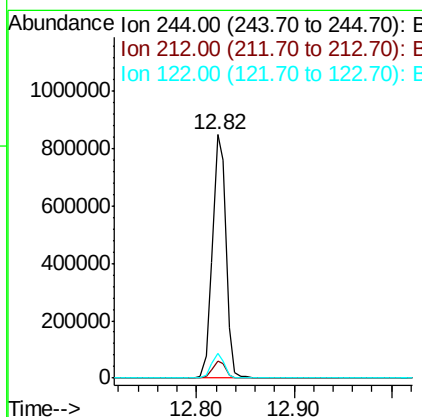
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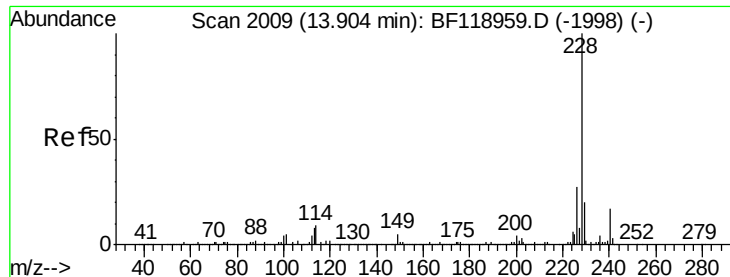
mohammad
3/11/2020 4:58:05 PM



#79
Terphenyl-d14
Concen: 60.568 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	10.4	8.2	12.2





#81

Benzo(a)anthracene

Concen: 7.531 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119322.D

Acq: 10 Mar 2020 17:51

Instrument :

BNA_F

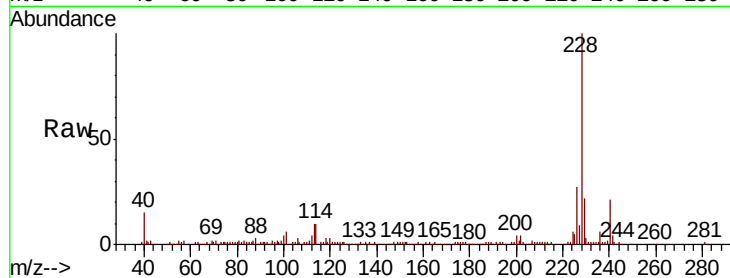
ClientSampled :

TP-2-D

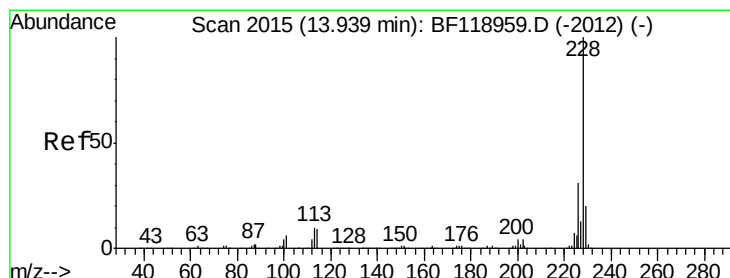
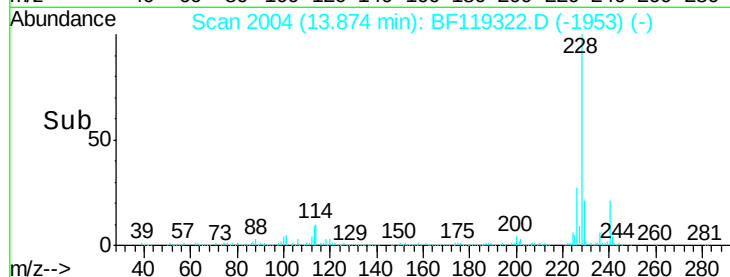
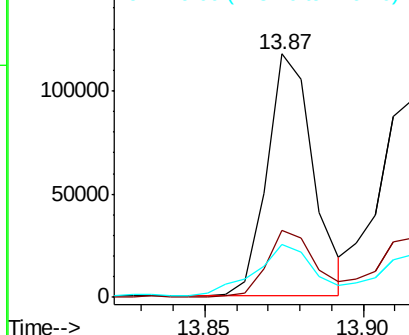
Tot Ion:	228	Resp:	119607
Ion Ratio		Lower	Upper
228	100		
226	27.3	22.6	33.8
229	21.6	16.6	24.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 6.729 ng

RT: 13.92 min Scan# 2011

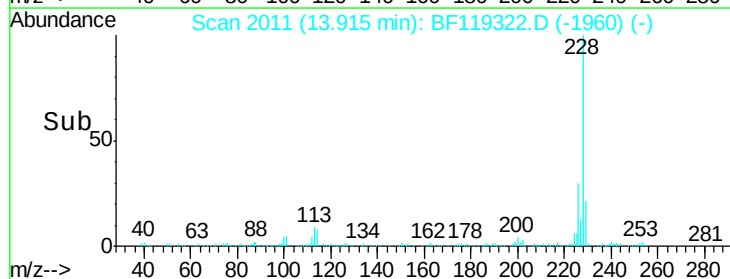
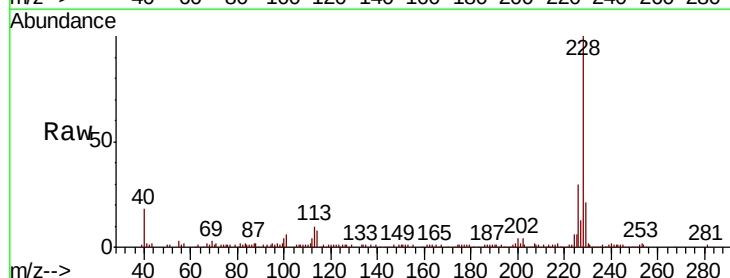
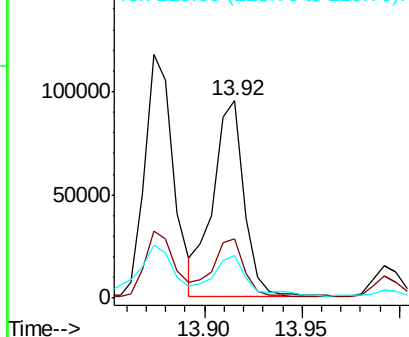
Delta R.T. 0.00 min

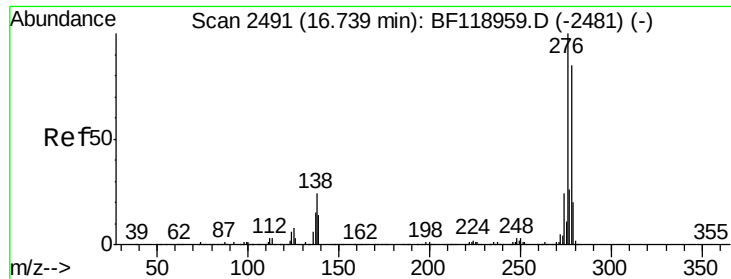
Lab File: BF119322.D

Acq: 10 Mar 2020 17:51

Tgt Ion:	228	Resp:	106482
Ion Ratio		Lower	Upper
228	100		
226	30.3	25.1	37.7
229	21.4	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





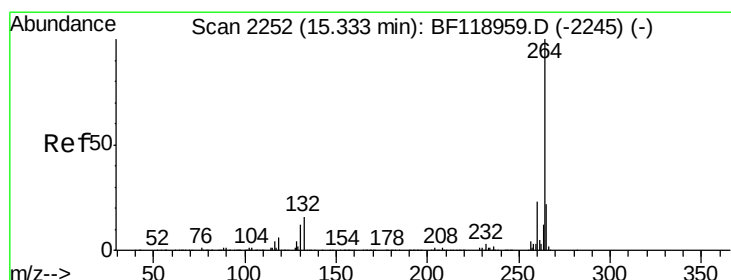
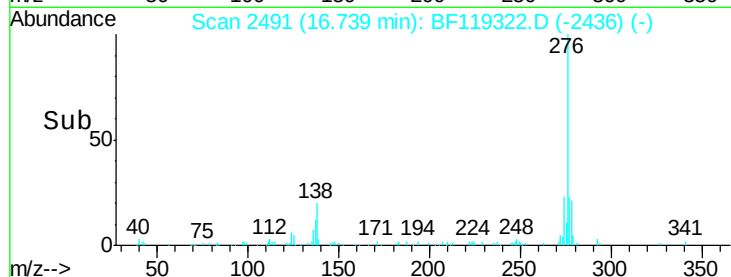
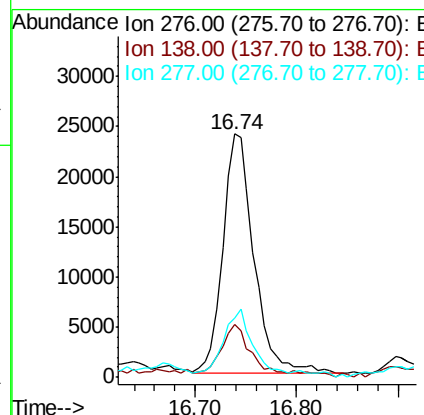
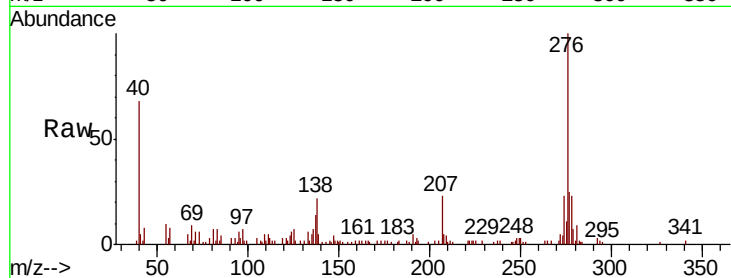
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.335 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.4	26.0
277	23.4	20.3	30.5

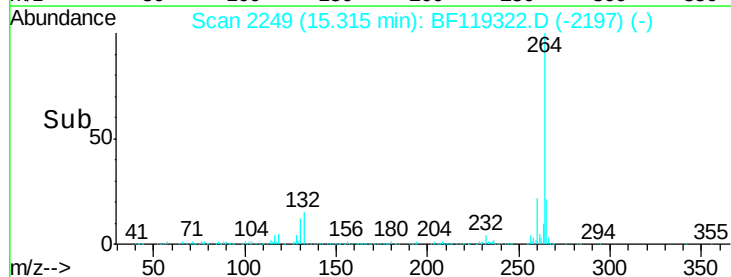
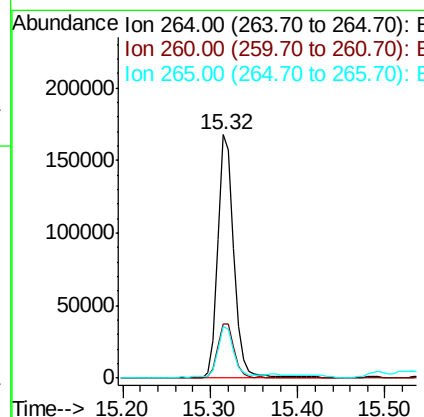
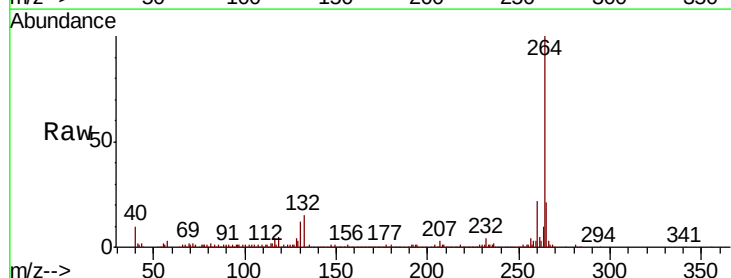
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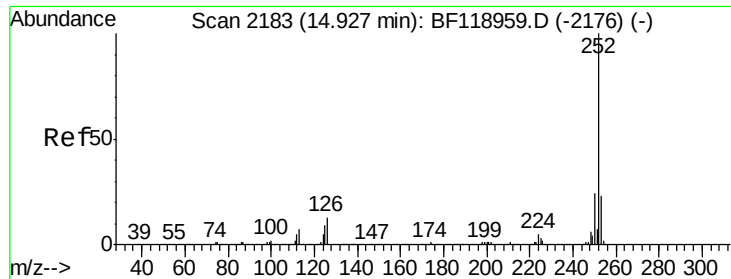
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.4	29.2
265	21.0	17.7	26.5





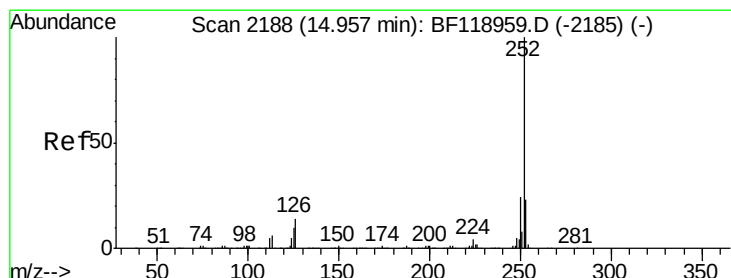
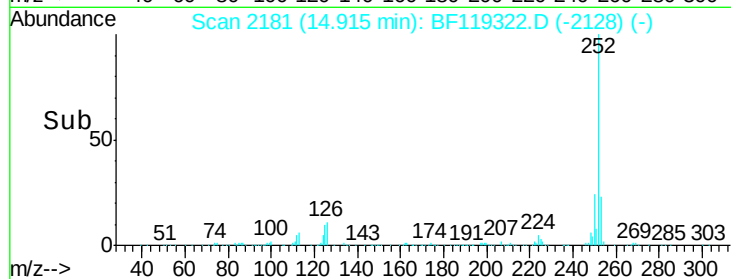
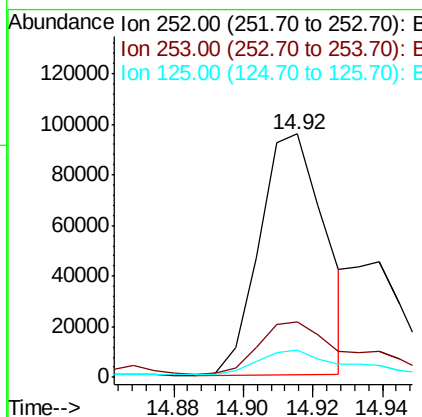
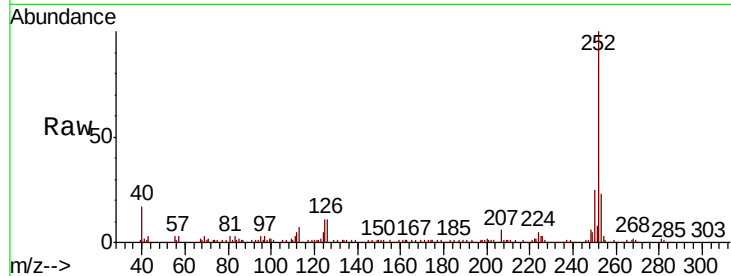
#88
Benzo(b)fluoranthene
Concen: 8.764 ng m
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Instrument :
BNA_F
ClientSampleId :
TP-2-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.2	7.4	11.0

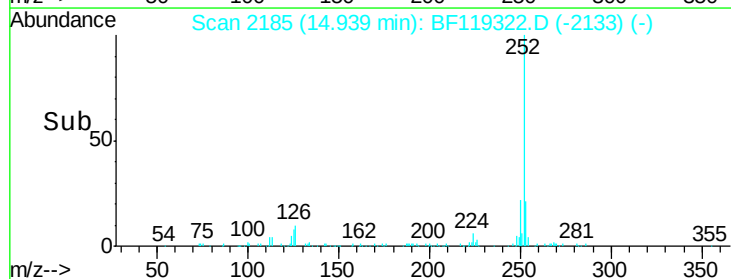
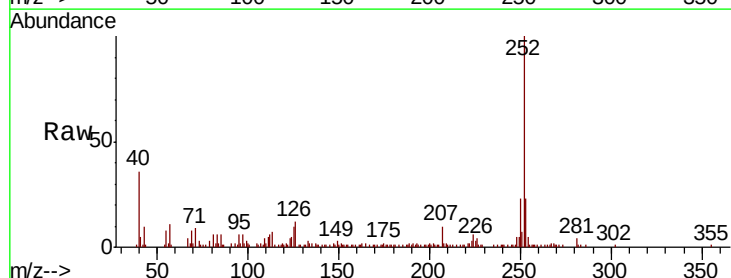
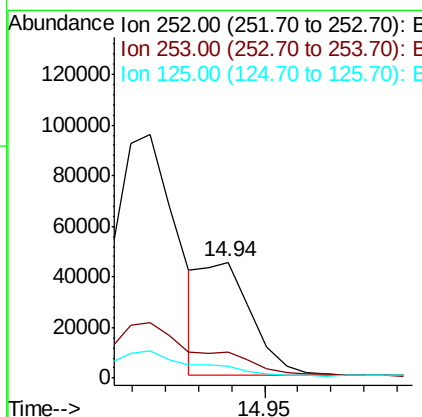
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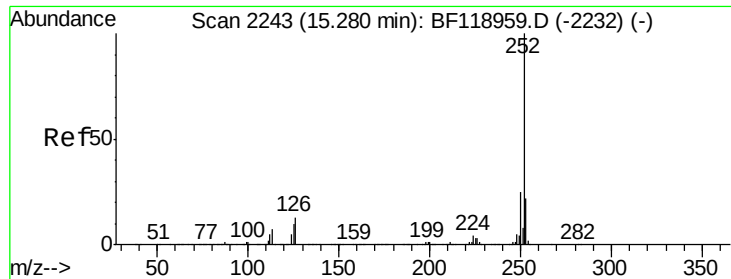
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#89
Benzo(k)fluoranthene
Concen: 3.476 ng m
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	10.4	7.5	11.3





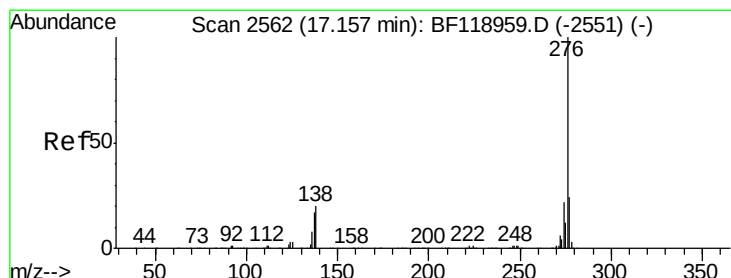
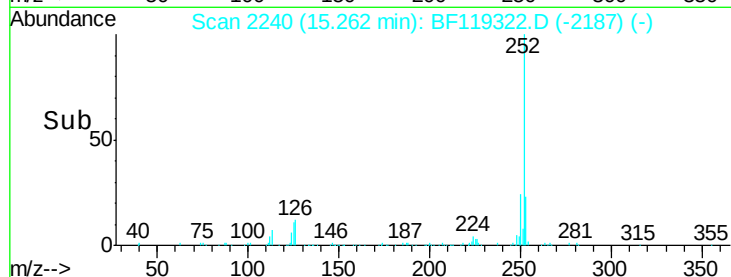
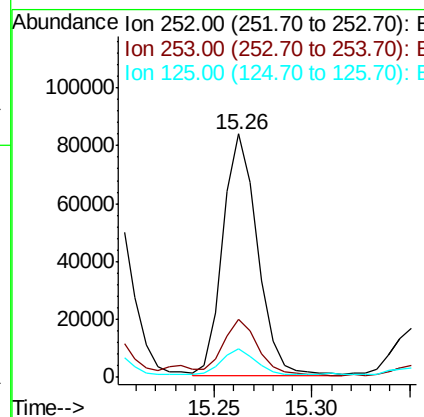
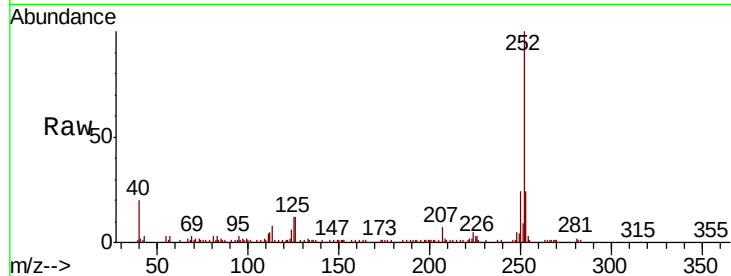
#90
Benzo(a)pyrene
Concen: 7.994 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Instrument :
BNA_F
ClientSampled :
TP-2-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	11.5	8.6	12.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.700 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.03 min
Lab File: BF119322.D
Acq: 10 Mar 2020 17:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.7	28.1
138	20.2	14.3	21.5

