

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119317.D
 Acq On : 10 Mar 2020 15:23
 Operator : CG/JU
 Sample : L1778-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

Manual Integrations
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Quant Time: Mar 11 04:36:14 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	126307	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	477372	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	237320	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	373950	20.00	ng	0.00
76) Chrysene-d12	13.89	240	263463	20.00	ng	0.00
87) Perylene-d12	15.32	264	249226	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	365373	48.34	ng	0.00
7) Phenol-d6	6.38	99	453513	49.34	ng	0.00
23) Nitrobenzene-d5	7.29	82	289187	31.99	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	115634	37.25	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	554870	34.44	ng	0.00
79) Terphenyl-d14	12.82	244	450552	29.44	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	37075	2.043	ng	Qvalue 100
71) Phenanthrene	11.27	178	103765	5.088	ng	97
75) Fluoranthene	12.46	202	201845	9.324	ng	98
78) Pyrene	12.69	202	180344	8.525	ng	98
80) Butylbenzylphthalate	13.29	149	183051	20.559	ng	94
81) Benzo(a)anthracene	13.88	228	85807	4.780	ng	99
83) Chrysene	13.92	228	92934	5.196	ng	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	2286824	203.296	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.74	276	43580	2.516	ng	# 92
88) Benzo(b)fluoranthene	14.92	252	120344m	7.326	ng	
90) Benzo(a)pyrene	15.26	252	71959	4.853	ng	95
92) Benzo(a,h,i)perylene	17.17	276	40386	3.133	ng	97

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

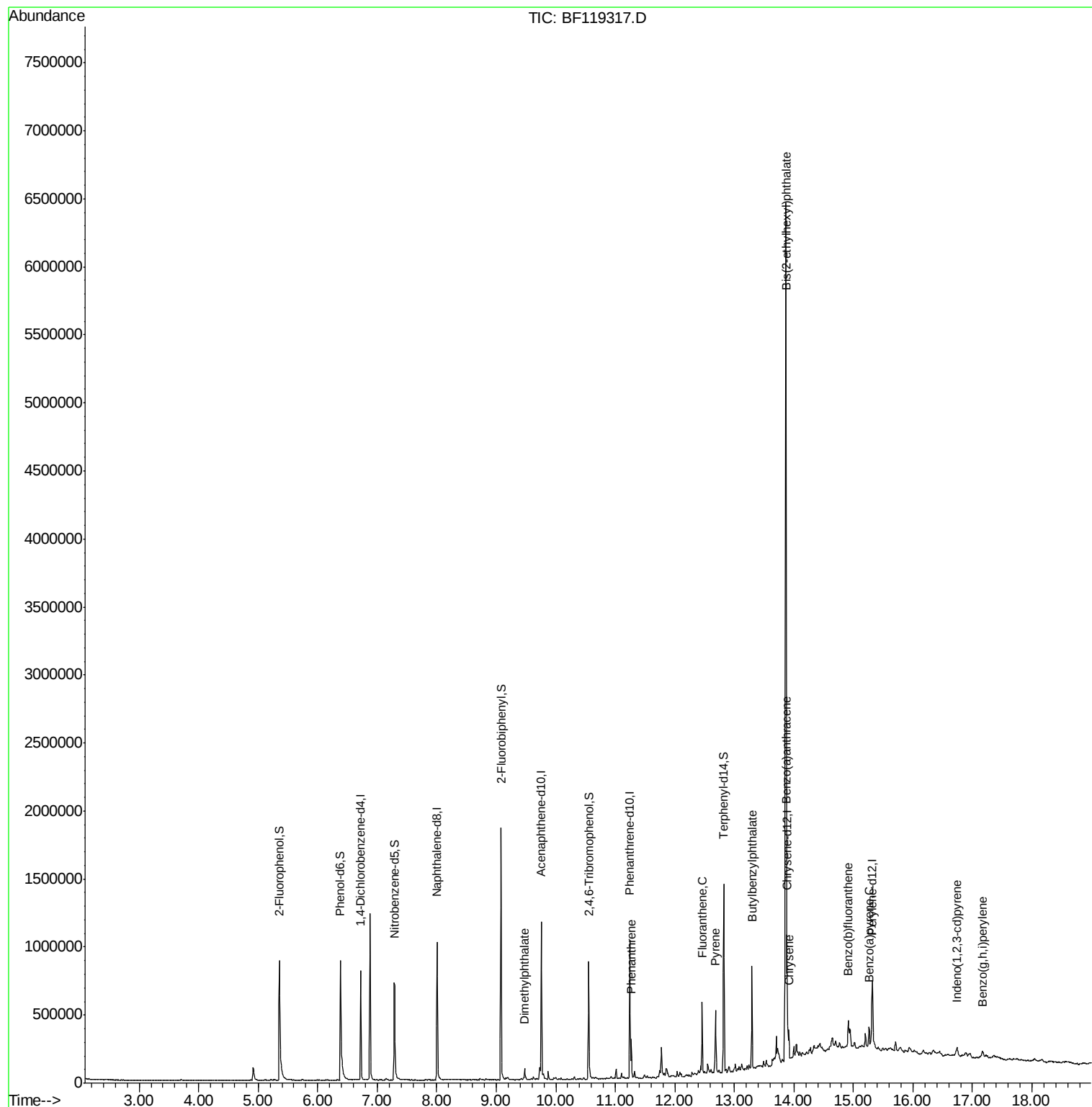
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119317.D
Acq On : 10 Mar 2020 15:23
Operator : CG/JU
Sample : L1778-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
S2

Manual Integrations
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Quant Time: Mar 11 04:36:14 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

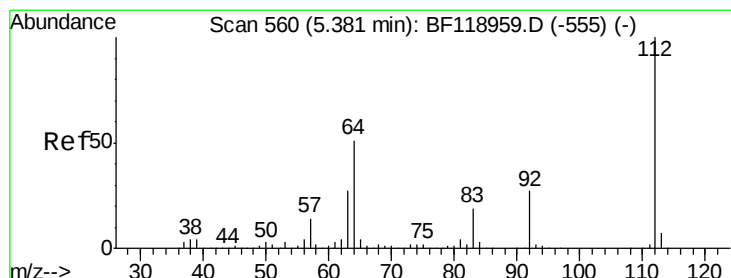
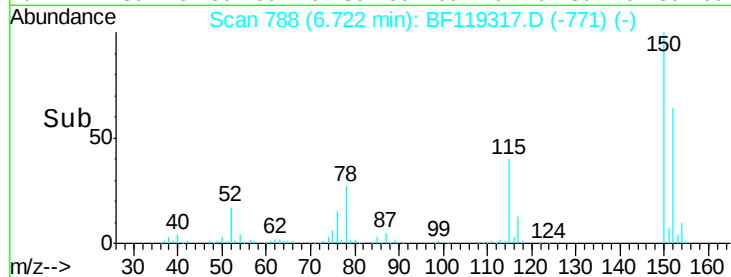
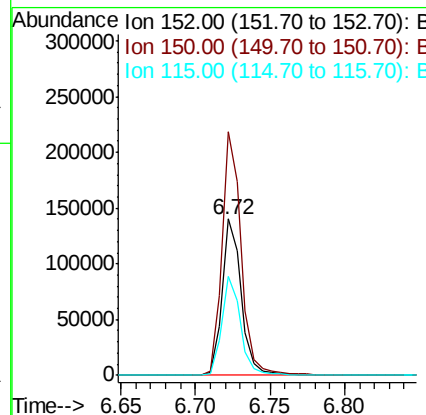
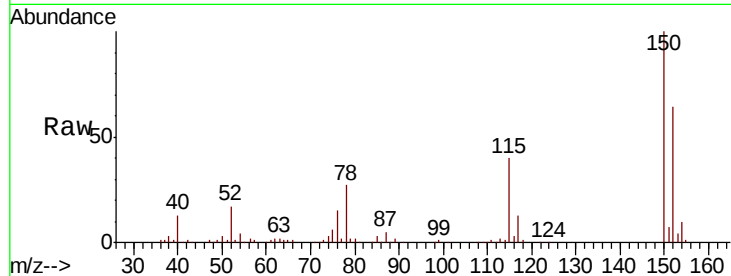
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Instrument :
BNA_F
ClientSampled :
S2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.0	184.6
115	63.0	49.5	74.3

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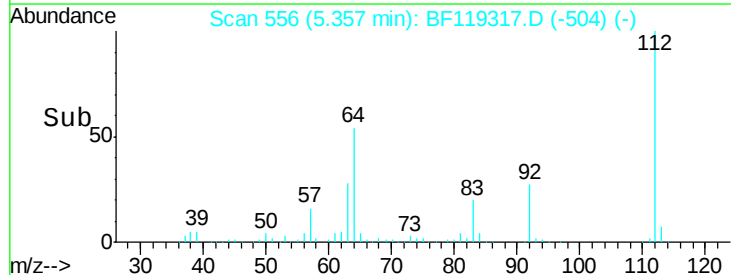
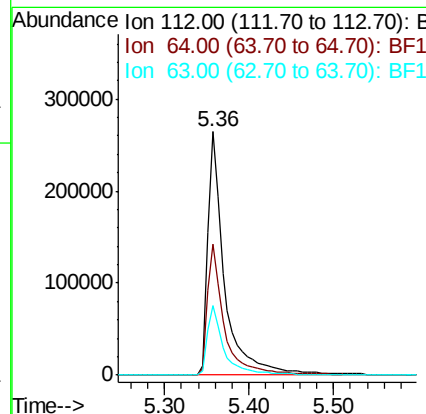
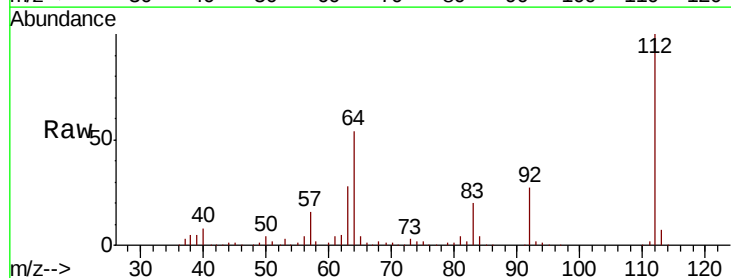
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#5

2-Fluorophenol
Concen: 48.343 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.0	67.4
63	28.5	24.2	36.4





#7

Phenol-d6

Concen: 49.338 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119317.D

Acq: 10 Mar 2020 15:23

Instrument :

BNA_F

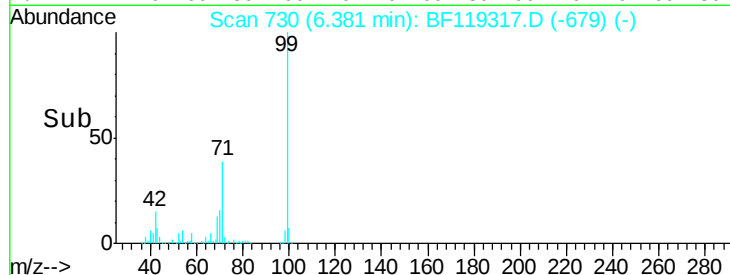
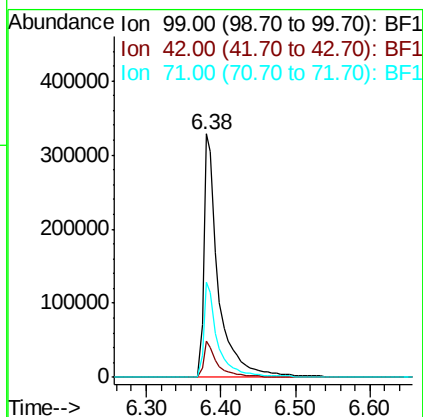
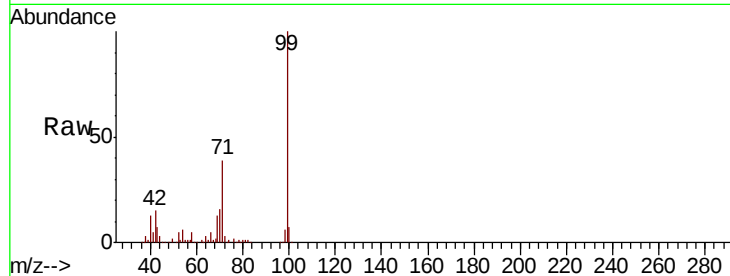
ClientSampleId :

S2

Tot Ion:	99	Resp:	453513
Ion Ratio	Lower	Upper	
99	100		
42	15.0	12.6	18.8
71	39.3	31.0	46.4

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#21

Naphthalene-d8

Concen: 20.000 ng

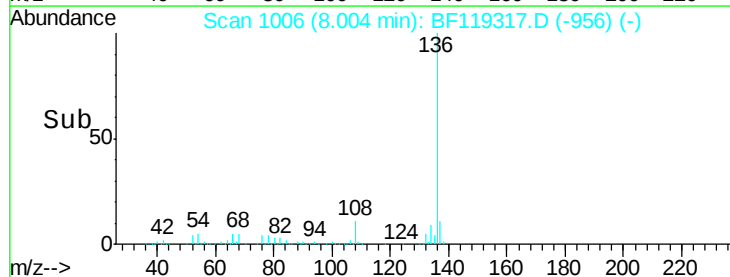
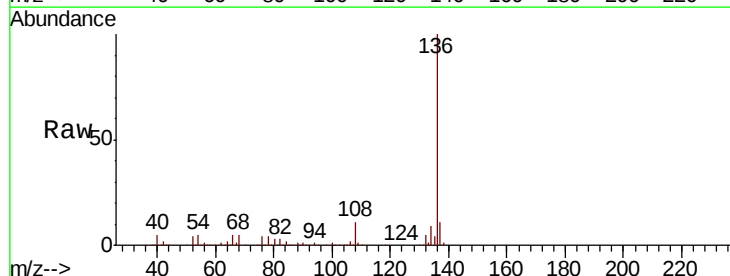
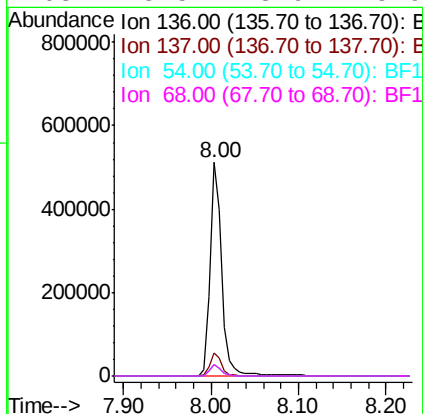
RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119317.D

Acq: 10 Mar 2020 15:23

Tgt Ion:	136	Resp:	477372
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	5.3	3.8	5.6
68	5.5	3.9	5.9





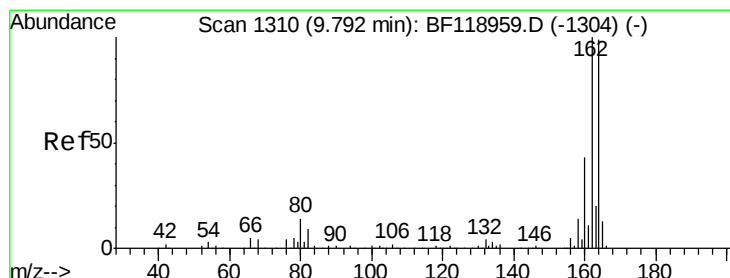
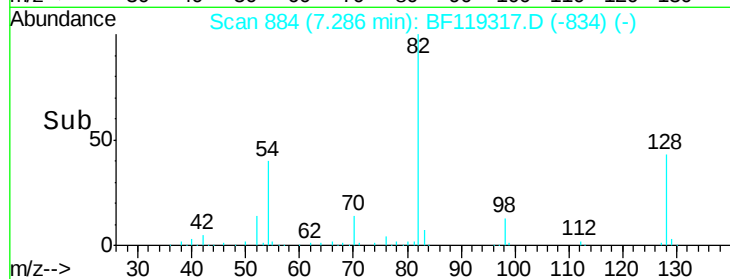
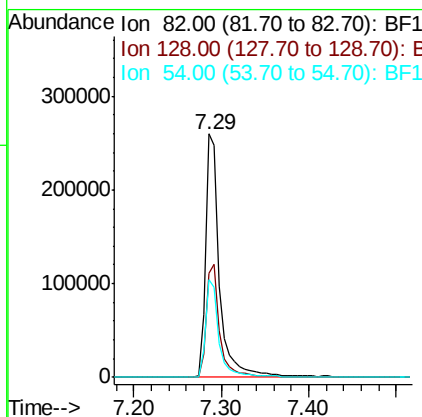
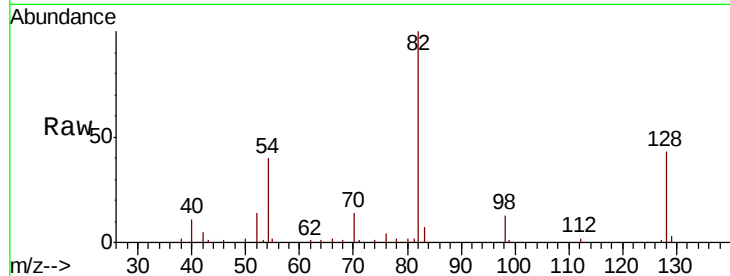
#23
Nitrobenzene-d5
Concen: 31.986 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Instrument :
BNA_F
ClientSampleId :
S2

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	37.9	56.9
54	40.2	33.4	50.2

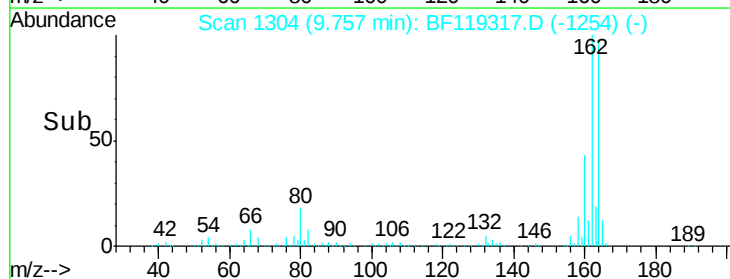
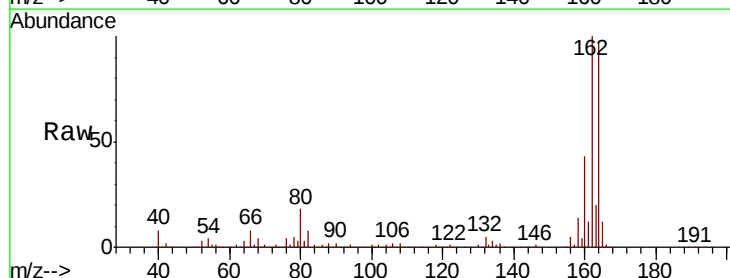
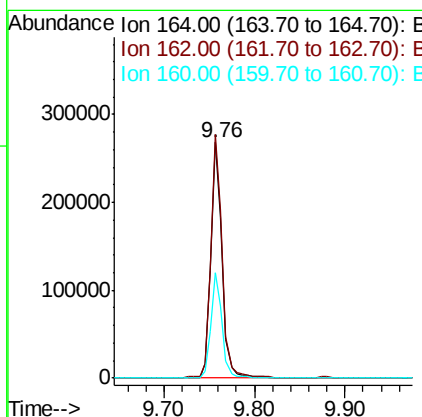
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.8
160	44.7	36.0	54.0





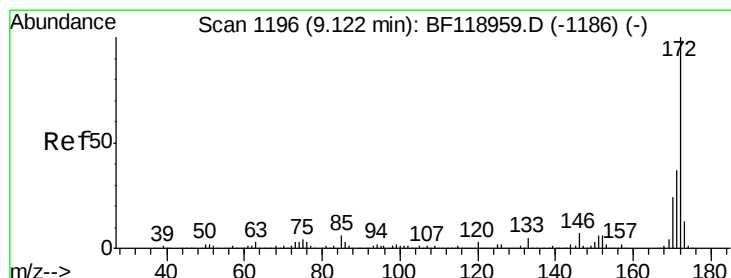
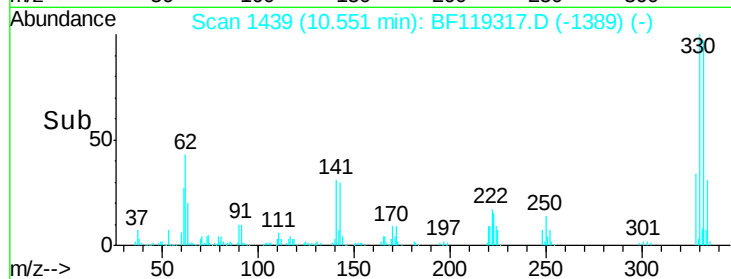
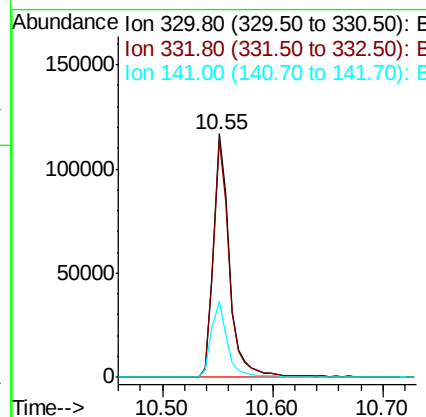
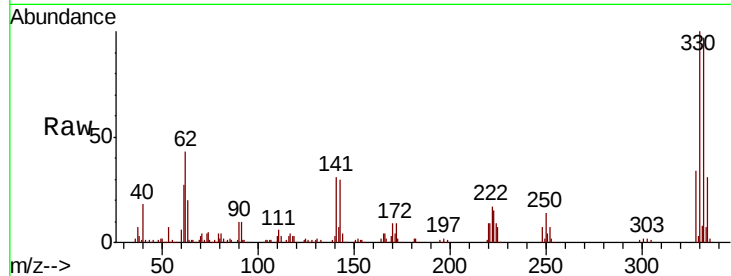
#42
 2,4,6-Tribromophenol
 Concen: 37.247 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119317.D
 Acq: 10 Mar 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 S2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	115634		
332	96.3	76.0	114.0	
141	31.3	22.9	34.3	

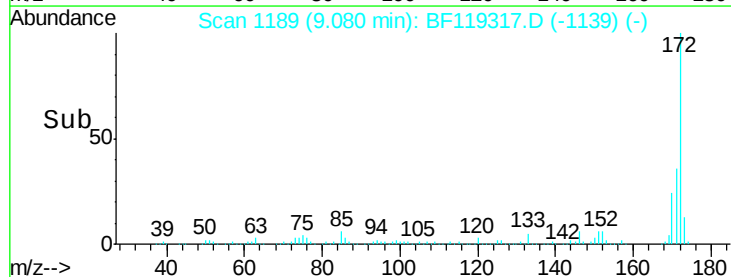
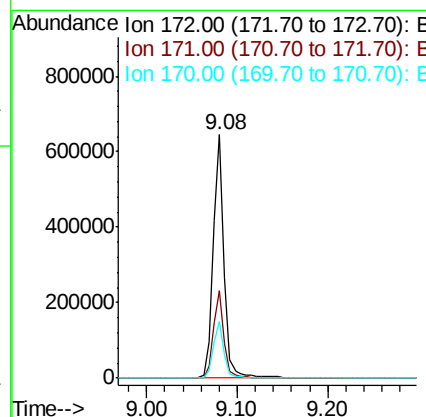
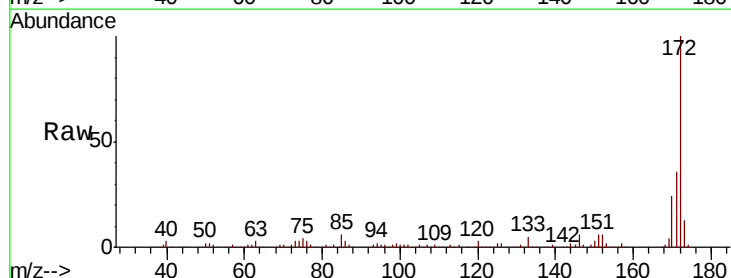
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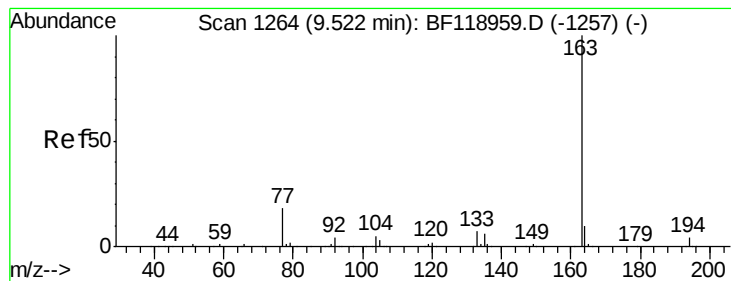
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#45
 2-Fluorobiphenyl
 Concen: 34.444 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119317.D
 Acq: 10 Mar 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	554870		
171	35.9	30.6	45.8	
170	23.5	20.2	30.2	





#50

Dimethylphthalate

Concen: 2.043 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF119317.D

Acq: 10 Mar 2020 15:23

Instrument :

BNA_F

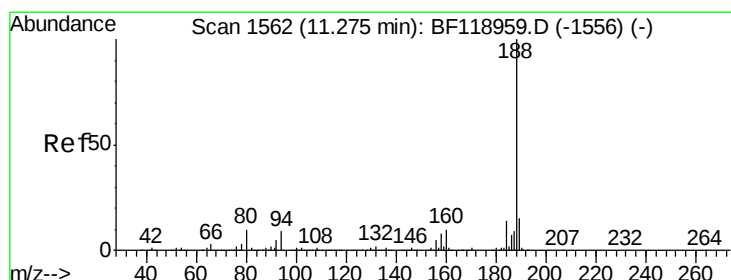
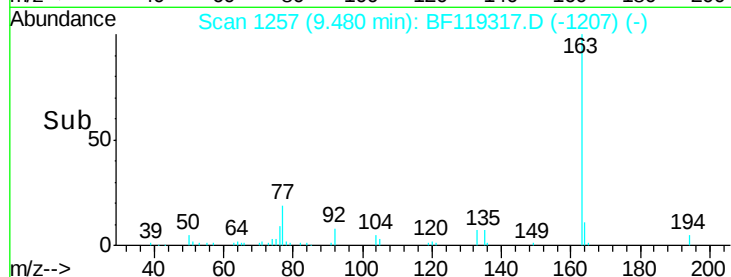
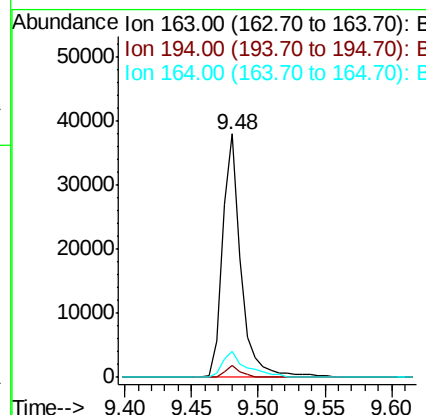
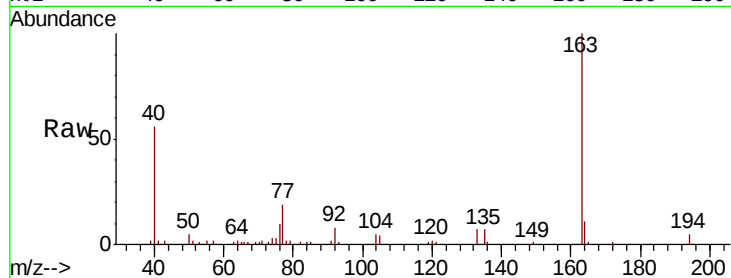
ClientSampled :

S2

Tot Ion:	163	Resp:	37075
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.5	5.3
164	10.5	8.4	12.6

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

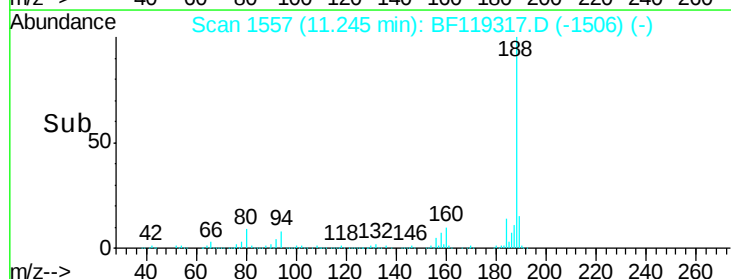
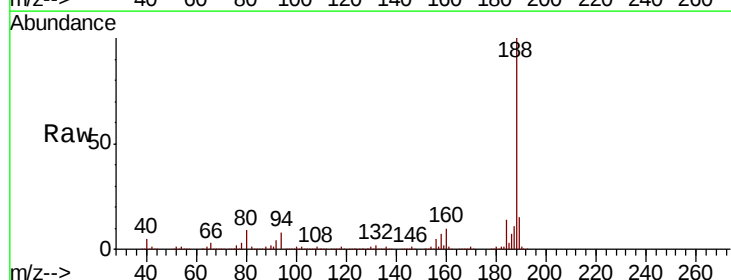
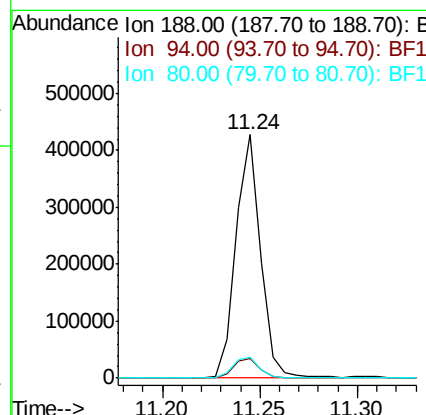
RT: 11.24 min Scan# 1557

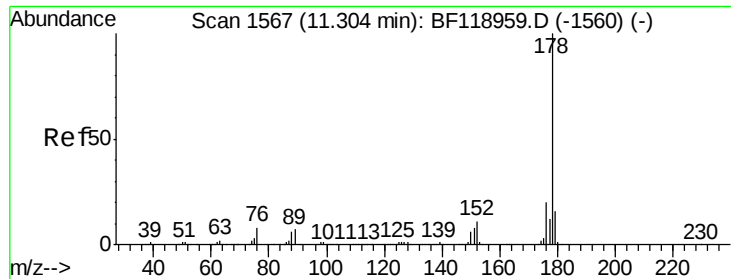
Delta R.T. 0.00 min

Lab File: BF119317.D

Acq: 10 Mar 2020 15:23

Tgt Ion:	188	Resp:	373950
Ion Ratio	Lower	Upper	
188	100		
94	8.0	7.1	10.7
80	8.7	7.8	11.8





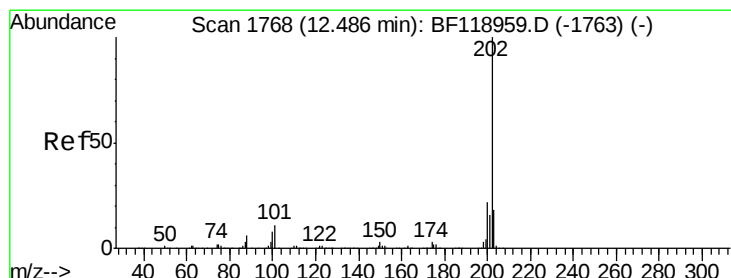
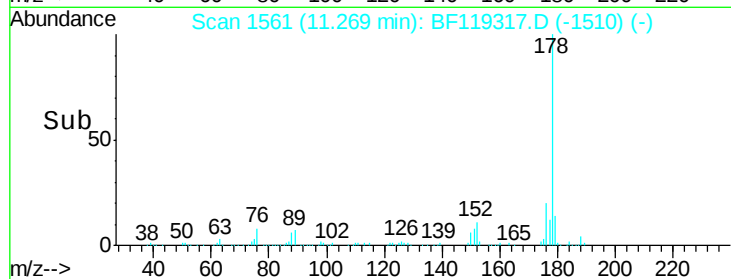
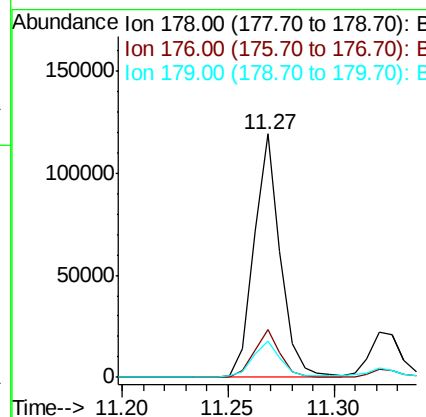
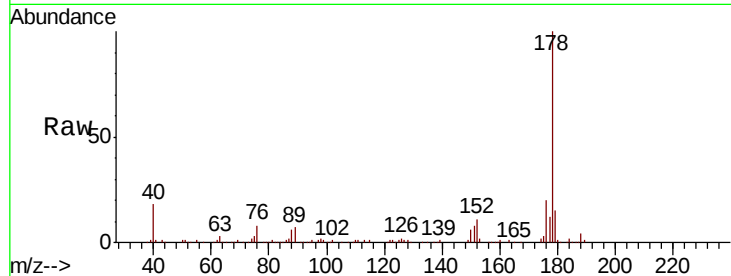
#71
 Phenanthrene
 Concen: 5.088 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF119317.D
 Acq: 10 Mar 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 S2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.5	24.7
179	14.7	13.0	19.6

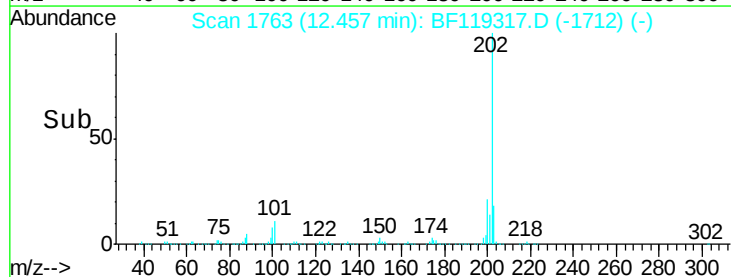
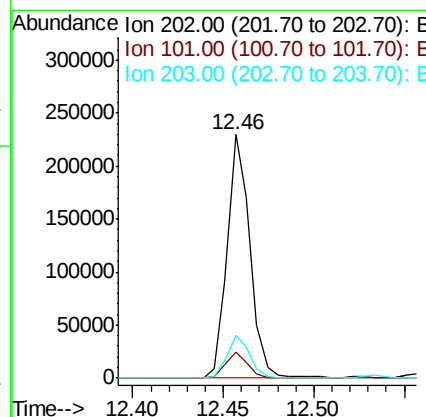
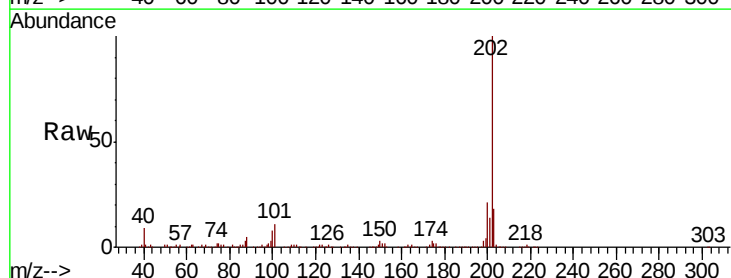
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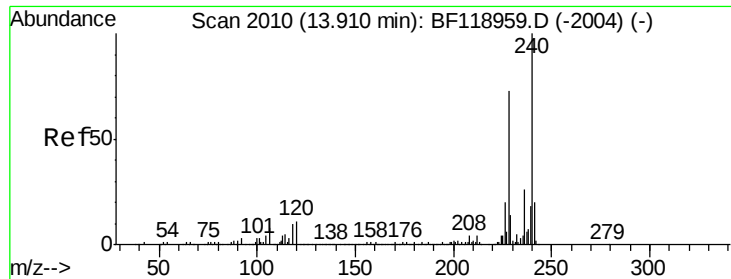
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#75
 Fluoranthene
 Concen: 9.324 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF119317.D
 Acq: 10 Mar 2020 15:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
203	17.7	0.0	38.4





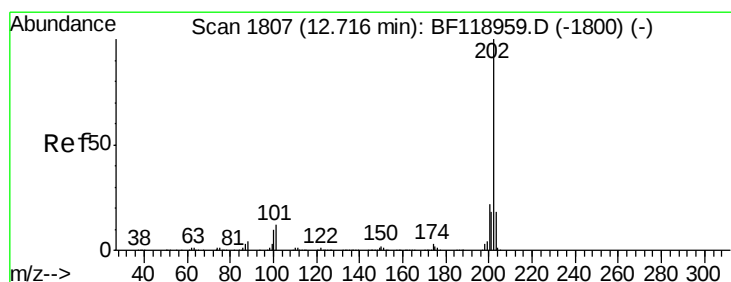
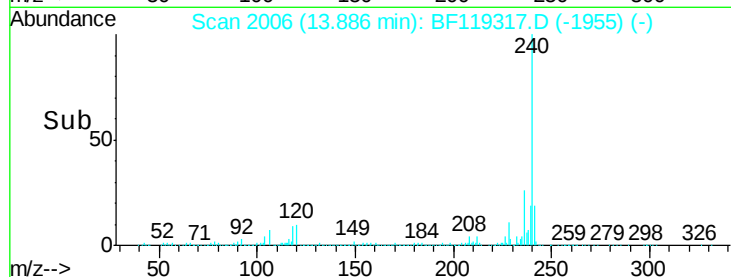
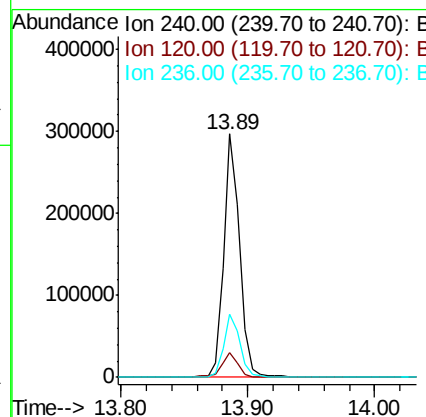
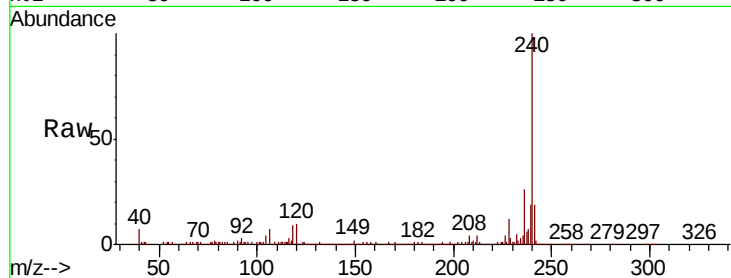
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Instrument :
BNA_F
ClientSampleId :
S2

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	26.2	21.0	31.4

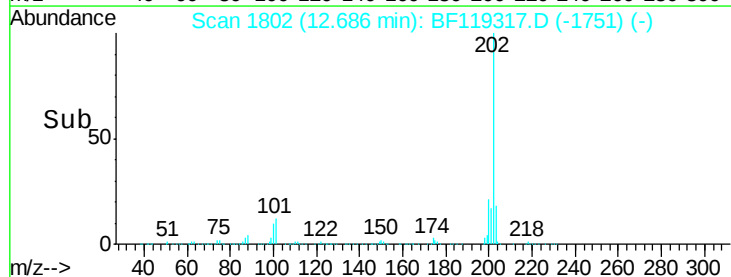
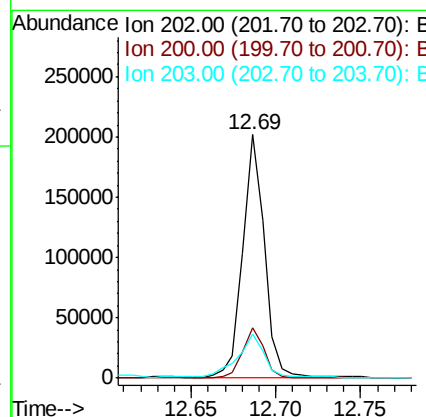
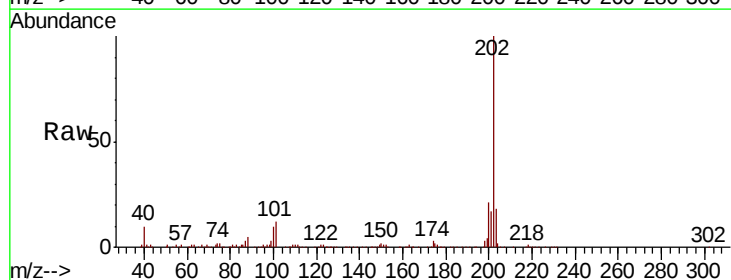
Manual Integrations
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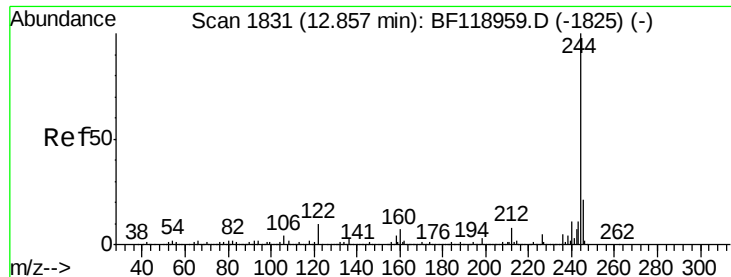
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#78
Pyrene
Concen: 8.525 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.0	27.0
203	18.0	14.6	22.0





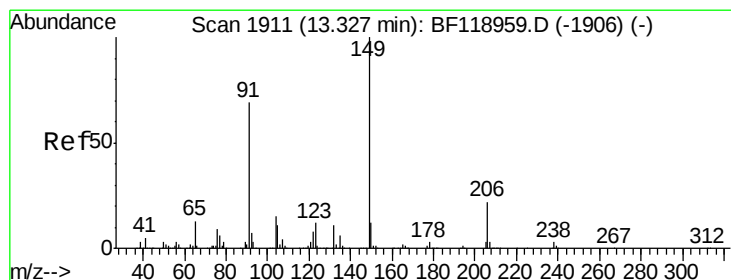
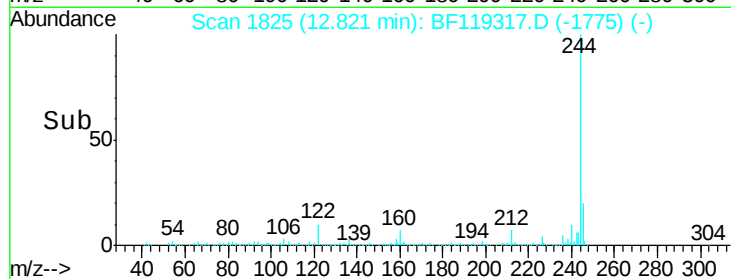
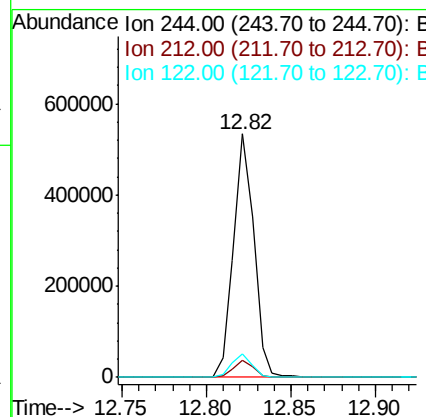
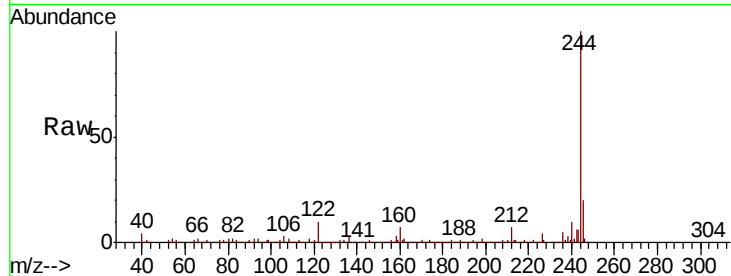
#79
 Terphenyl-d14
 Concen: 29.443 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119317.D
 Acq: 10 Mar 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 S2

Tot Ion:	244	Resp:	450552
Ion Ratio		Lower	Upper
244	100		
212	7.2	6.6	10.0
122	9.8	8.2	12.2

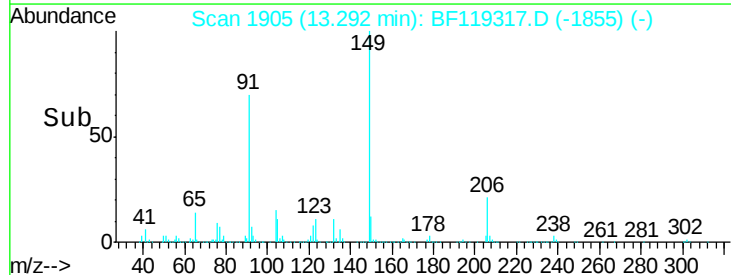
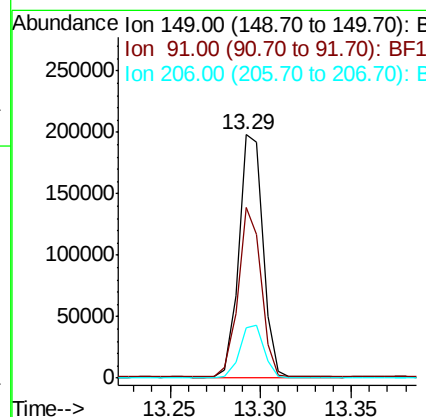
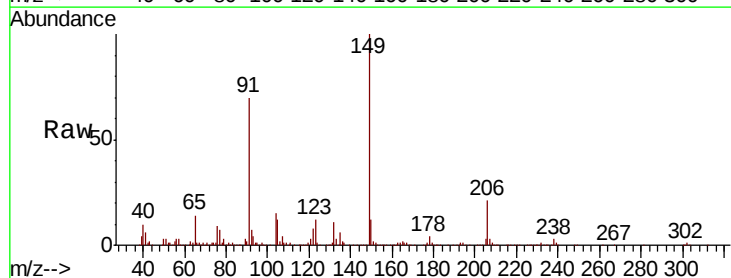
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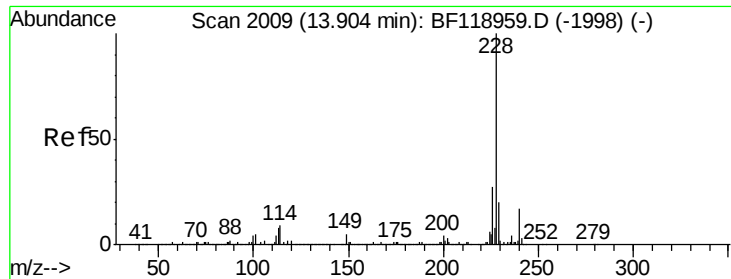
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#80
 Butylbenzylphthalate
 Concen: 20.559 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF119317.D
 Acq: 10 Mar 2020 15:23

Tgt Ion:	149	Resp:	183051
Ion Ratio		Lower	Upper
149	100		
91	70.0	52.3	78.5
206	20.7	18.5	27.7





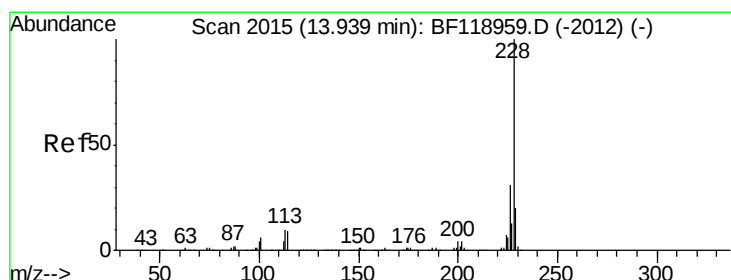
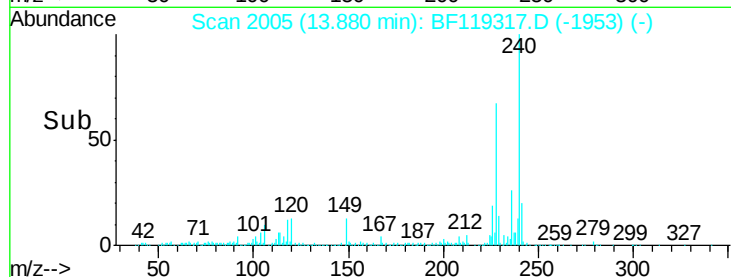
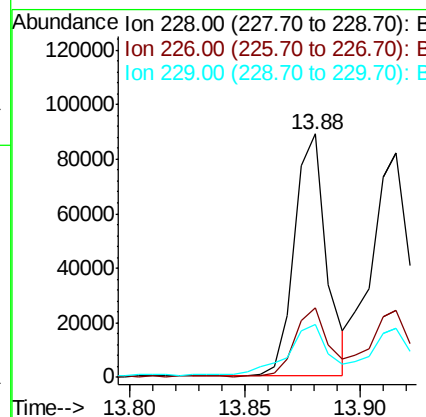
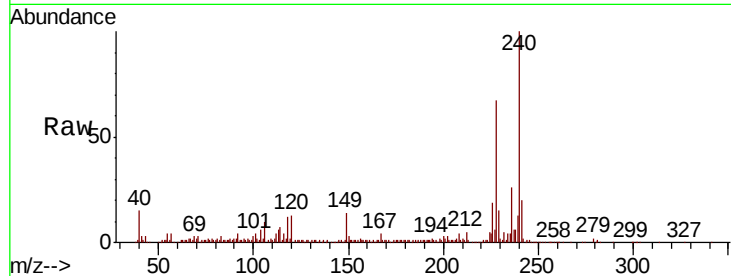
#81
Benzo(a)anthracene
Concen: 4.780 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Instrument :
BNA_F
ClientSampled :
S2

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	21.7	16.6	24.8

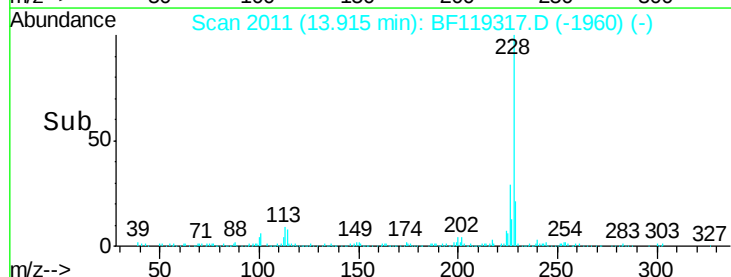
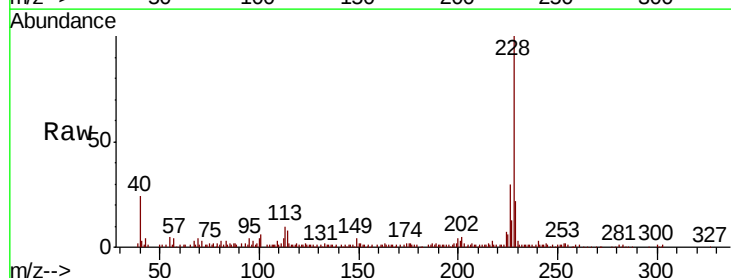
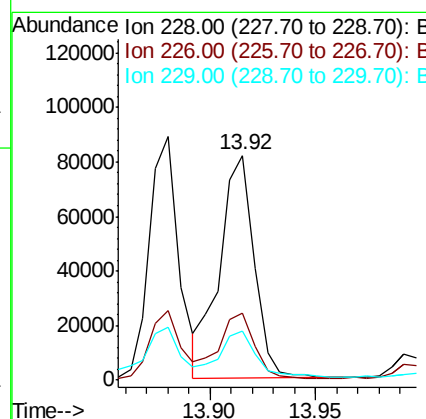
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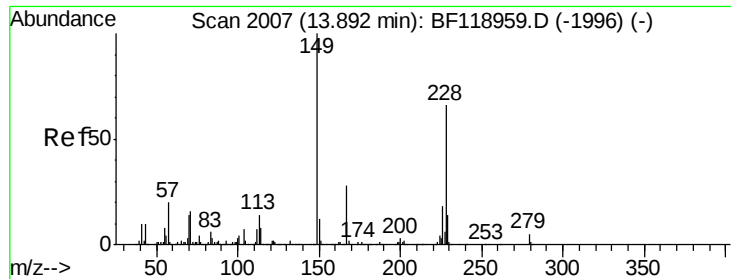
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#83
Chrysene
Concen: 5.196 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.1	37.7
229	21.9	16.3	24.5





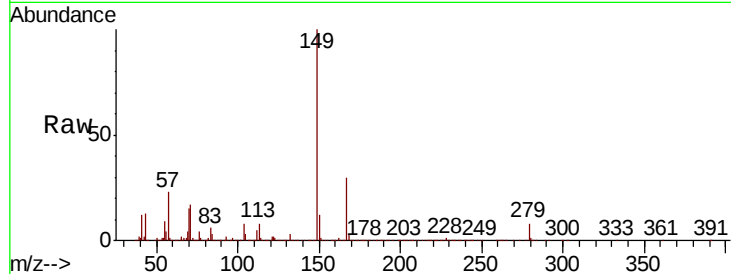
#84
Bis(2-ethylhexyl)phthalate
Concen: 203.296 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Instrument :
BNA_F
ClientSampled :
S2

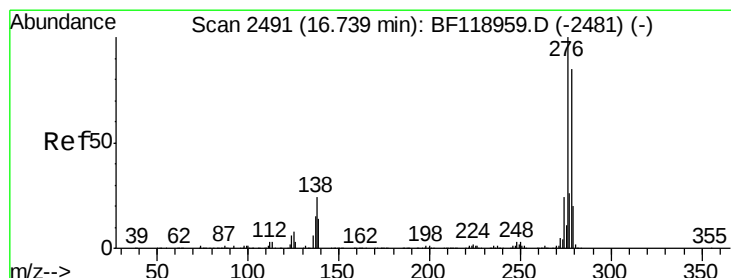
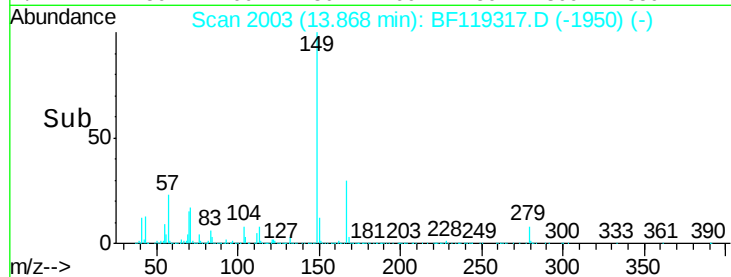
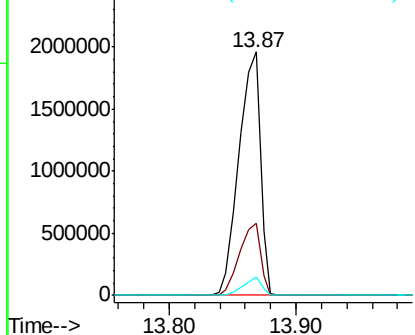
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.8	34.2
279	7.7	4.6	6.8

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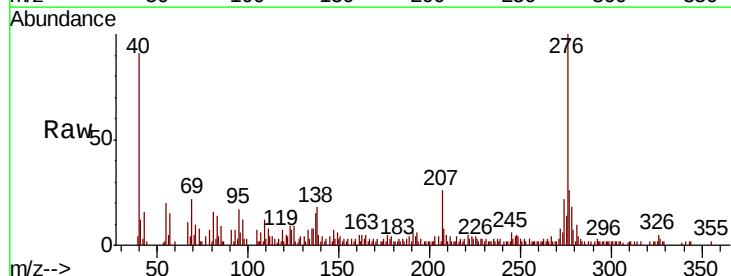


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

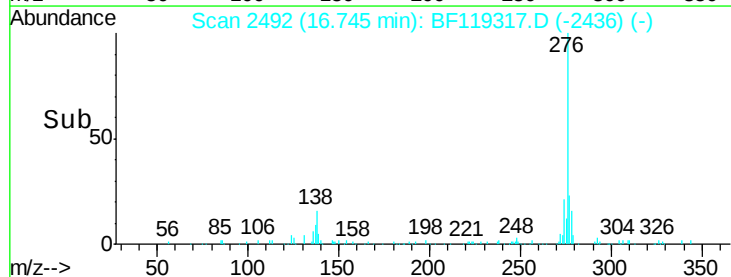
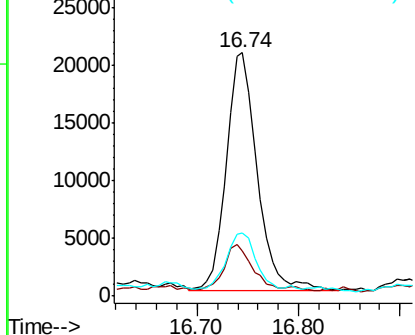


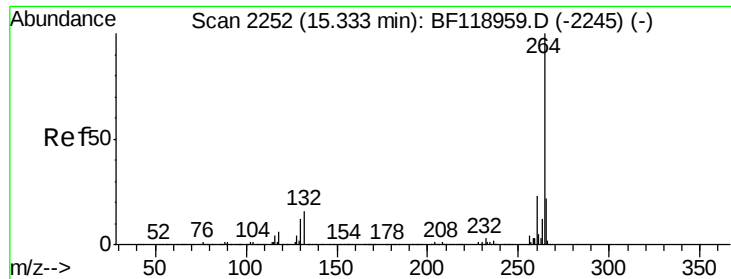
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.516 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.03 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	17.4	26.0
277	22.4	20.3	30.5



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





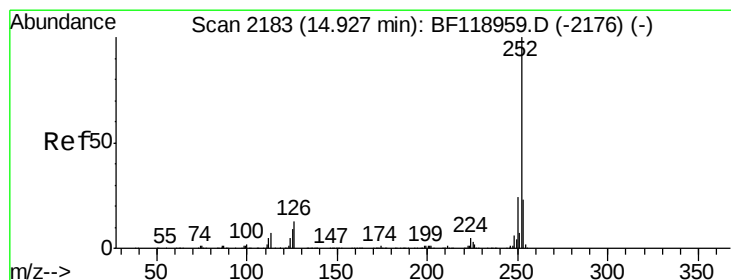
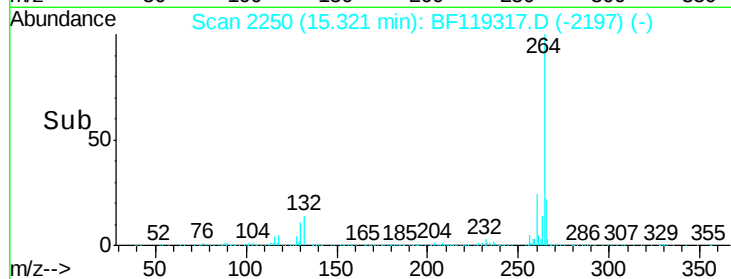
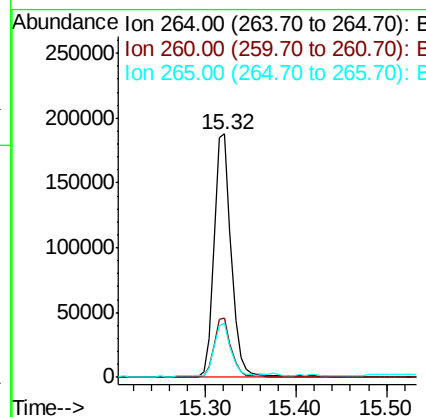
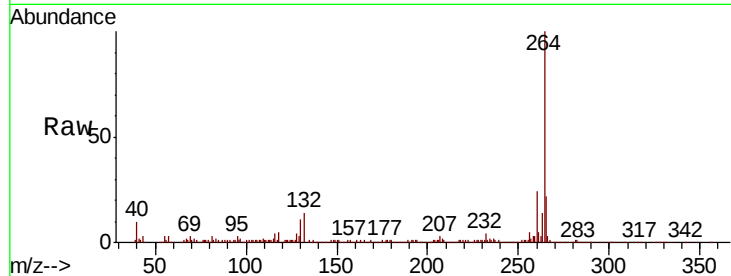
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Instrument :
BNA_F
ClientSampled :
S2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.4	17.7	26.5

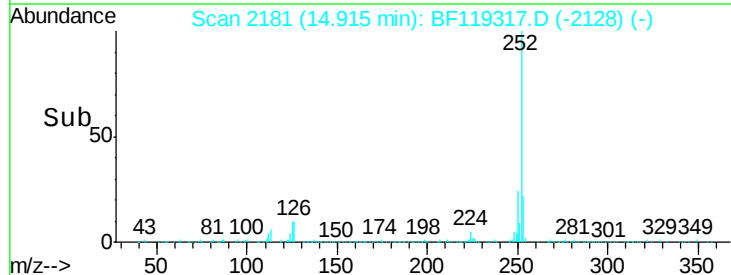
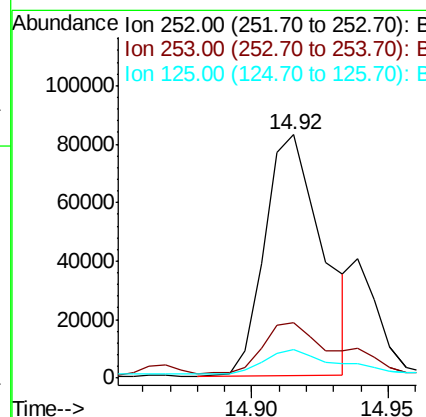
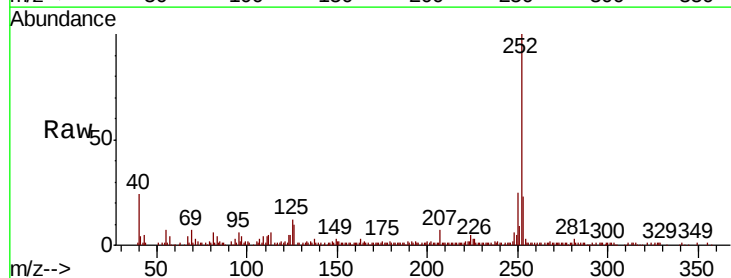
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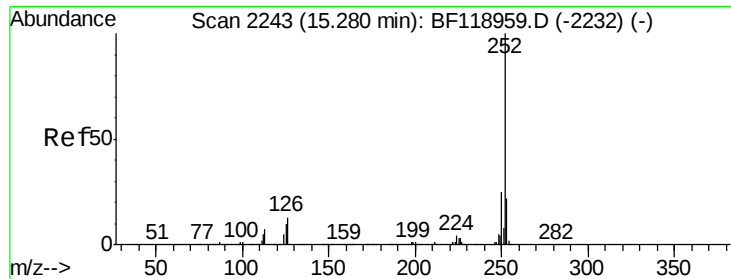
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#88
Benzo(b)fluoranthene
Concen: 7.326 ng m
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.7	7.4	11.0





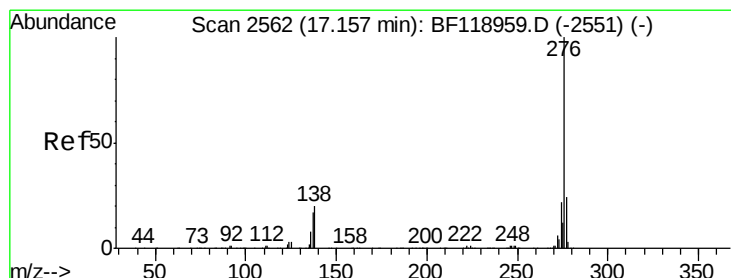
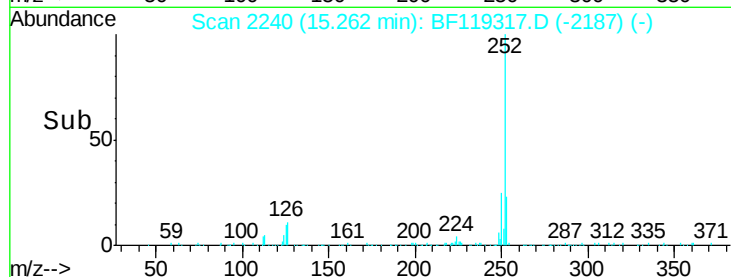
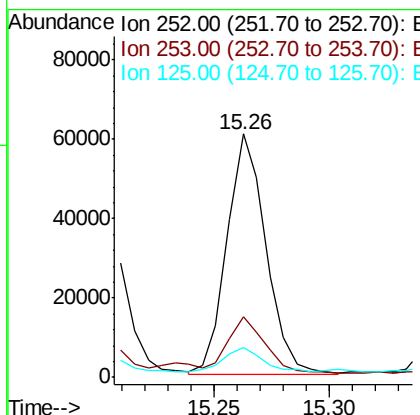
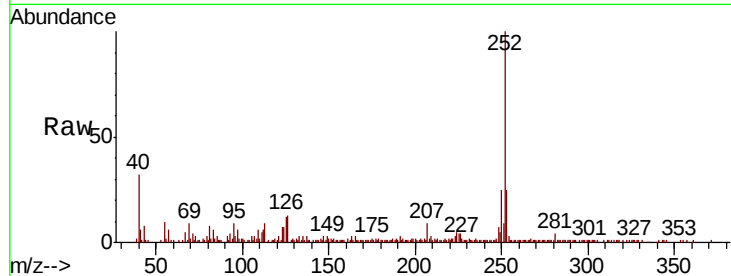
#90
Benzo(a)pyrene
Concen: 4.853 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Instrument :
BNA_F
ClientSampleId :
S2

Tot Ion:	252	Resp:	71959
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.0	27.0
125	12.2	8.6	12.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.133 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.03 min
Lab File: BF119317.D
Acq: 10 Mar 2020 15:23

Tgt Ion:	276	Resp:	40386
Ion Ratio	Lower	Upper	
276	100		
277	24.8	18.7	28.1
138	19.2	14.3	21.5

