

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119182.D
 Acq On : 2 Mar 2020 21:49
 Operator : CG/JU
 Sample : L1743-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-6

Manual Integrations
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Quant Time: Mar 03 08:30:51 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	111263	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	439346	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	248621	20.00	ng	-0.02
64) Phenanthrene-d10	11.26	188	432776	20.00	ng	0.00
76) Chrysene-d12	13.90	240	299052	20.00	ng	0.00
87) Perylene-d12	15.33	264	249764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	618299	92.87	ng	0.00
7) Phenol-d6	6.39	99	761759	94.08	ng	-0.02
23) Nitrobenzene-d5	7.30	82	488694	58.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	276567	85.04	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1054475	62.48	ng	-0.02
79) Terphenyl-d14	12.84	244	1117576	64.34	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	119927	6.308	ng	99
71) Phenanthrene	11.28	178	119133	5.048	ng	99
75) Fluoranthene	12.47	202	174544	6.967	ng	99
78) Pyrene	12.70	202	157877	6.575	ng	97
81) Benzo(a)anthracene	13.89	228	75270	3.694	ng	97
83) Chrysene	13.92	228	68311	3.365	ng	97
88) Benzo(b)fluoranthene	14.92	252	85938m	5.220	ng	
90) Benzo(a)pyrene	15.27	252	49070	3.303	ng	# 76
92) Benzo(g,h,i)perylene	17.17	276	29001	2.245	ng	# 80

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

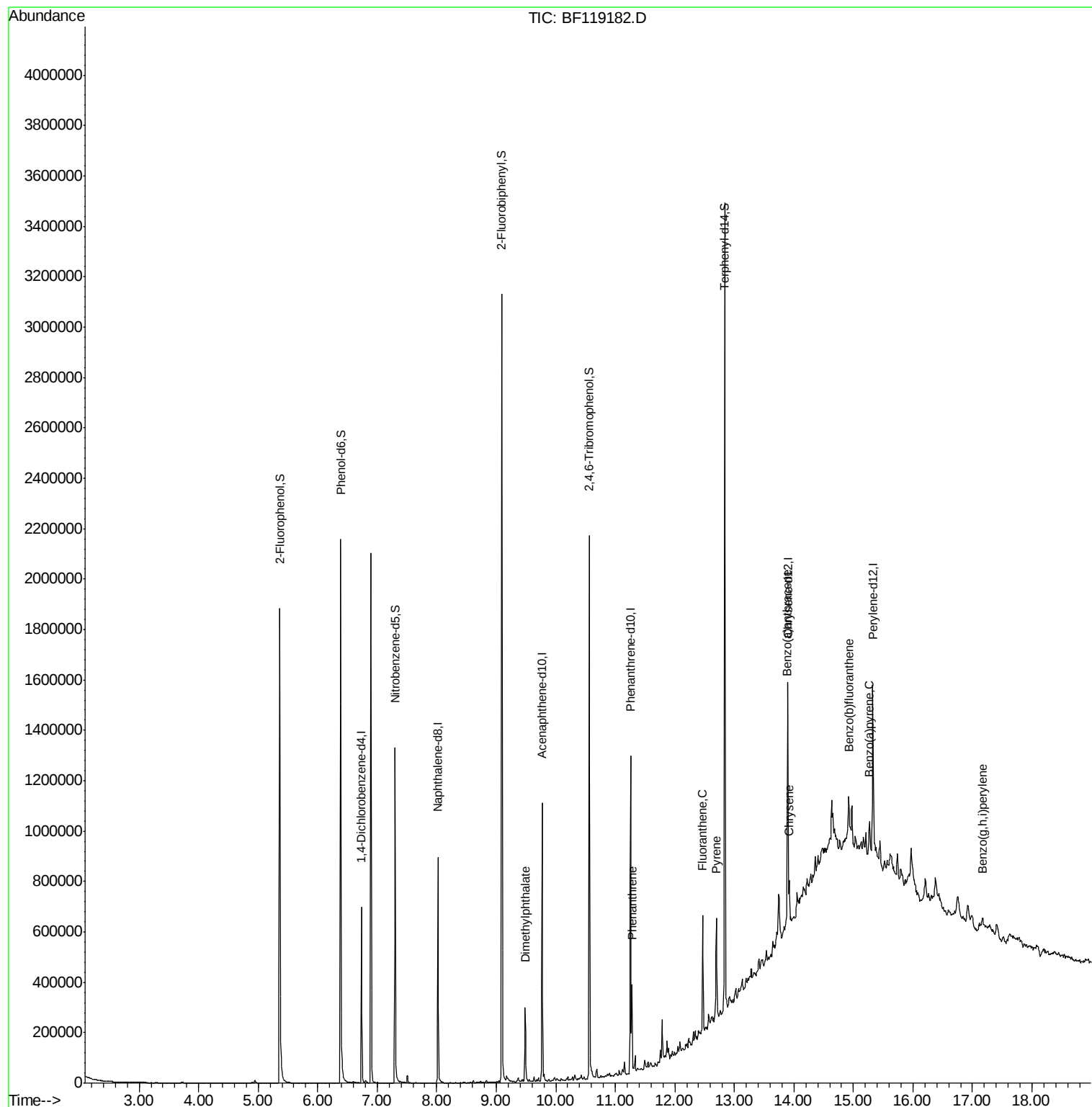
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119182.D
Acq On : 2 Mar 2020 21:49
Operator : CG/JU
Sample : L1743-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-6

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Quant Time: Mar 03 08:30:51 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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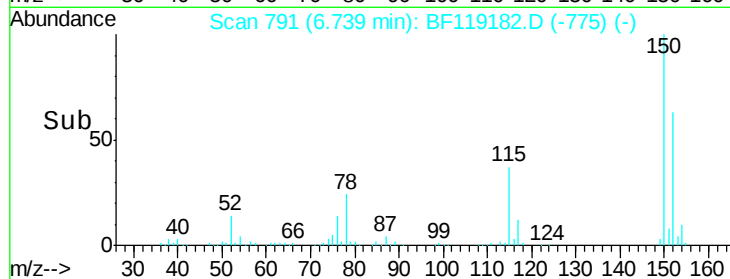
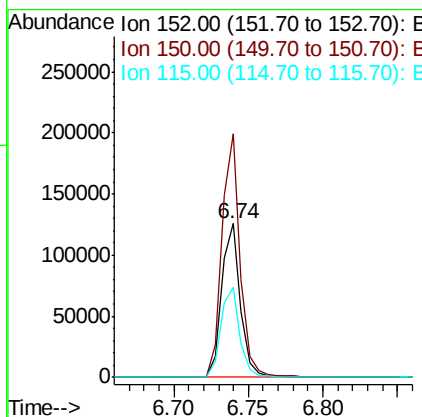
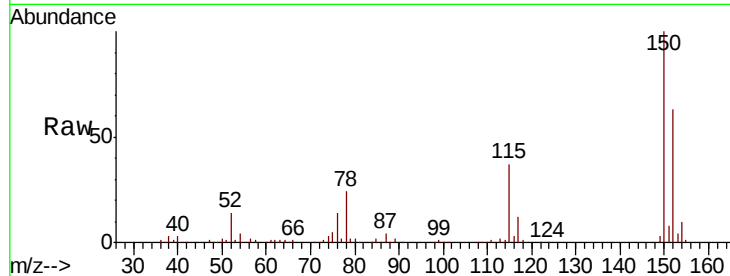
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF119182.D
 Acq: 2 Mar 2020 21:49

Instrument :
 BNA_F
 ClientSampled :
 C-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.0	184.6
115	58.2	49.5	74.3

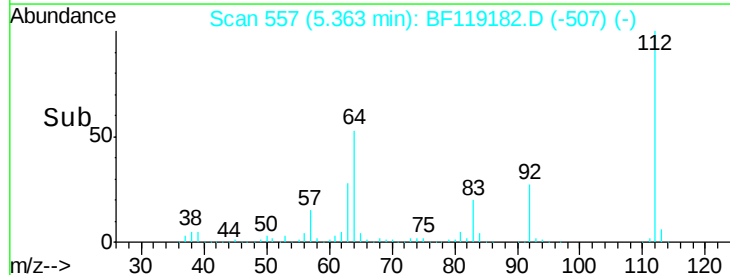
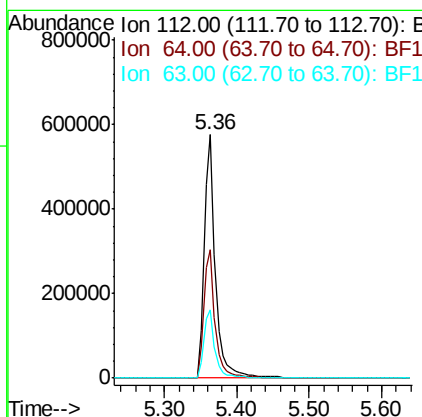
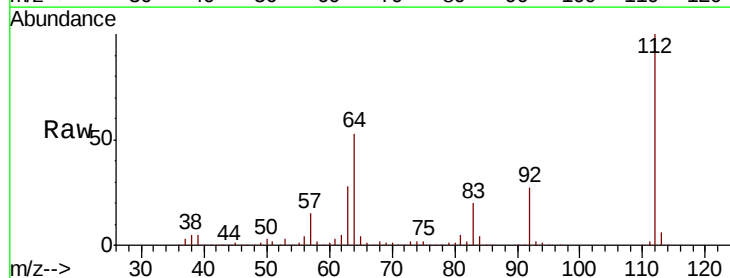
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#5
 2-Fluorophenol
 Concen: 92.869 ng
 RT: 5.36 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF119182.D
 Acq: 2 Mar 2020 21:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.0	67.4
63	27.8	24.2	36.4





#7

Phenol-d6

Concen: 94.078 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119182.D

Acq: 2 Mar 2020 21:49

Instrument :

BNA_F

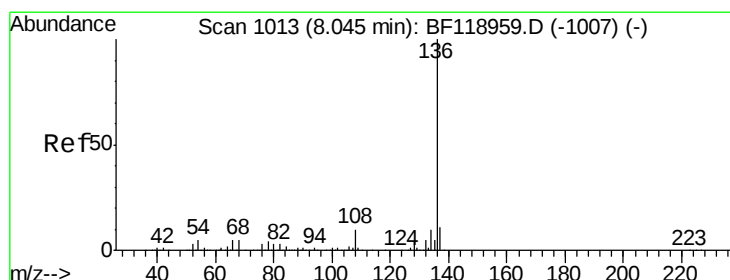
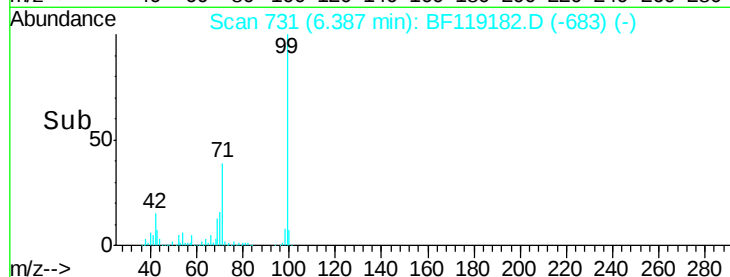
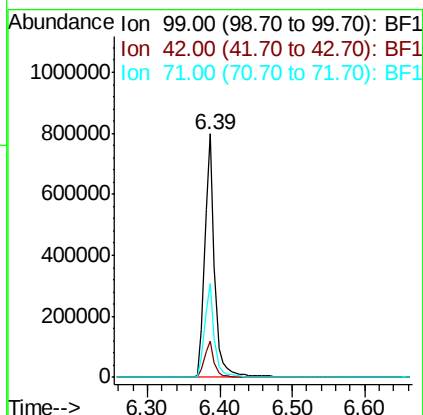
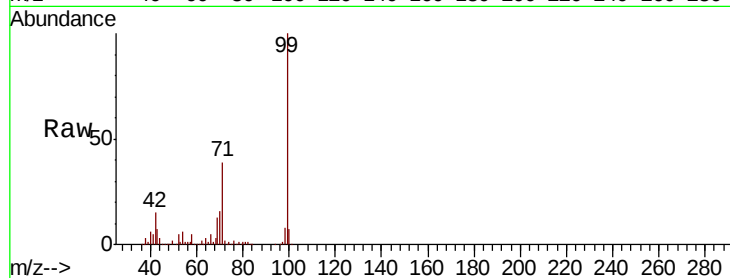
ClientSampled :

C-6

Tot Ion:	99	Resp:	761759
Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.6	18.8
71	38.8	31.0	46.4

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#21

Naphthalene-d8

Concen: 20.000 ng

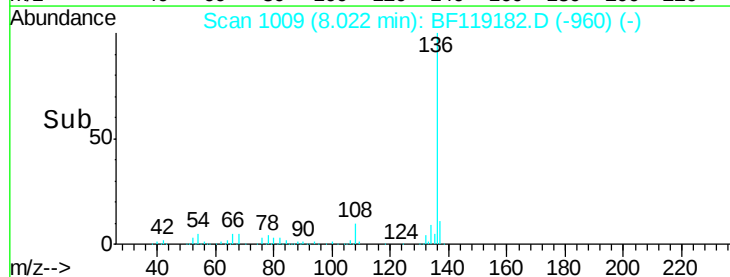
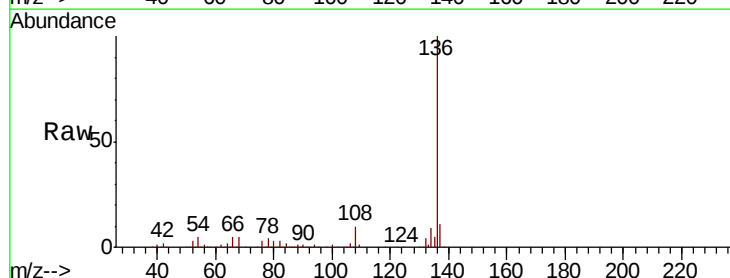
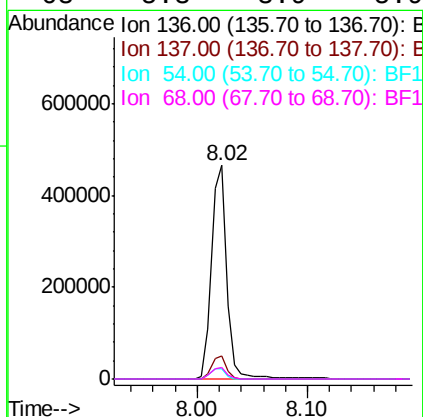
RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119182.D

Acq: 2 Mar 2020 21:49

Tgt Ion:	136	Resp:	439346
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.7	3.8	5.6
68	5.3	3.9	5.9





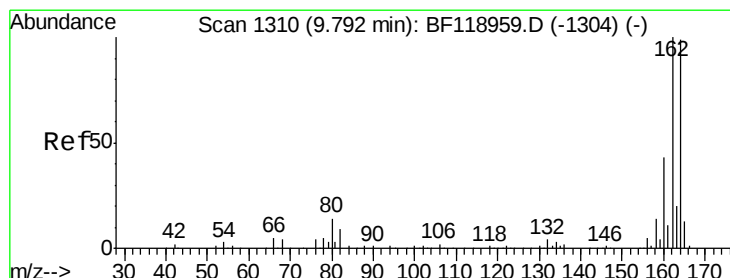
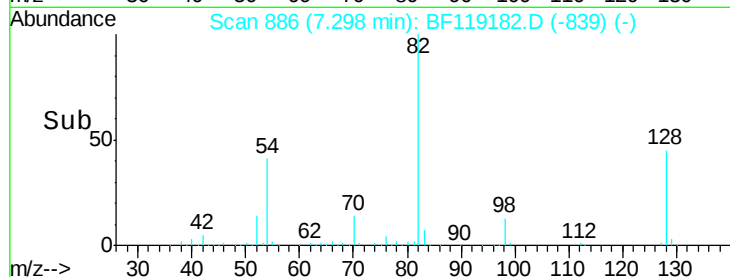
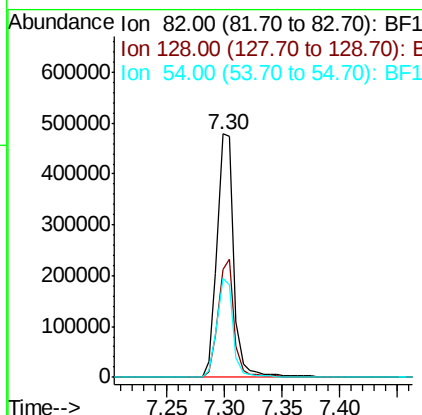
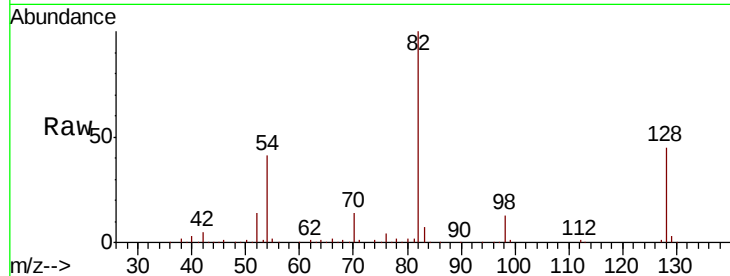
#23
 Nitrobenzene-d5
 Concen: 58.731 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119182.D
 Acq: 2 Mar 2020 21:49

Instrument :
 BNA_F
 ClientSampleId :
 C-6

Tot Ion	82	Resp	488694
Ion Ratio	100	Lower	Upper
82	100		
128	44.6	37.9	56.9
54	40.6	33.4	50.2

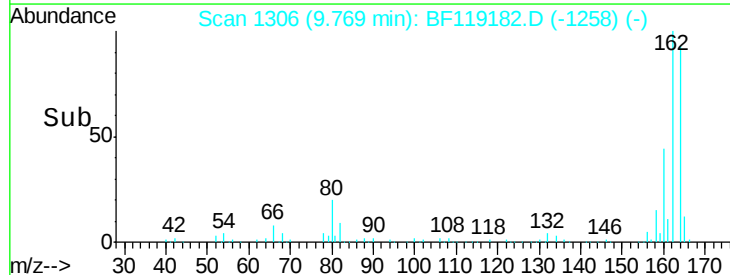
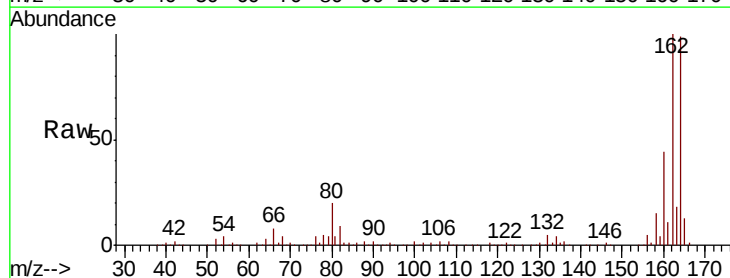
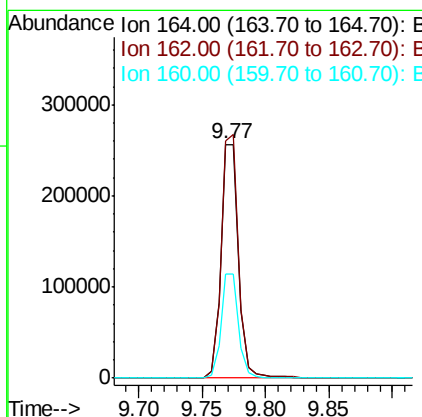
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF119182.D
 Acq: 2 Mar 2020 21:49

Tgt Ion	164	Resp	248621
Ion Ratio	100	Lower	Upper
164	100		
162	101.4	81.8	122.8
160	44.6	36.0	54.0





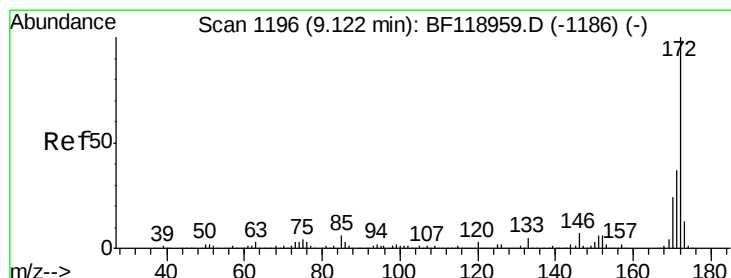
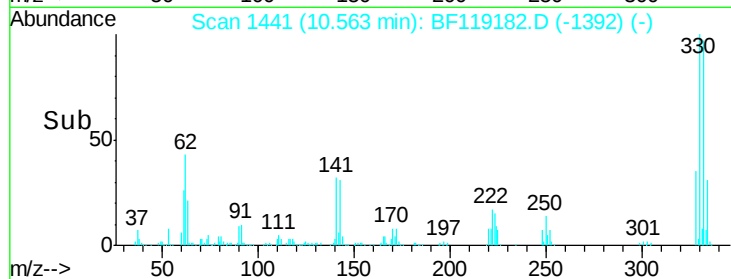
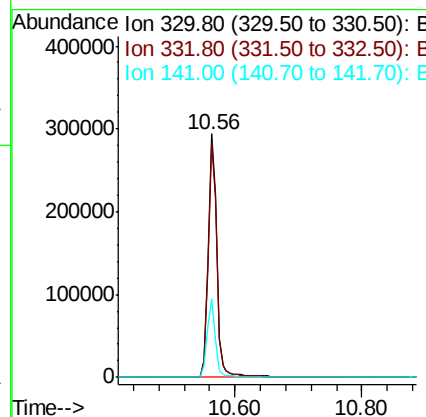
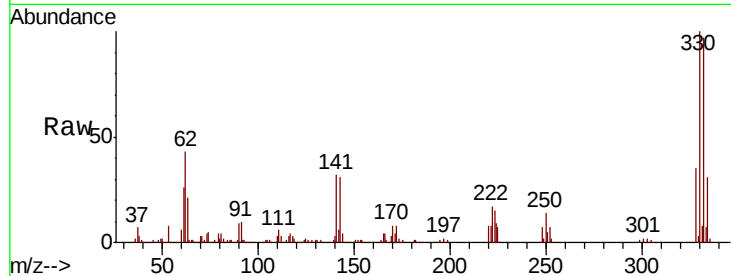
#42
 2,4,6-Tribromophenol
 Concen: 85.035 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119182.D
 Acq: 2 Mar 2020 21:49

Instrument :
 BNA_F
 ClientSampleId :
 C-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	276567		
332	95.5	76.0	114.0	
141	31.1	22.9	34.3	

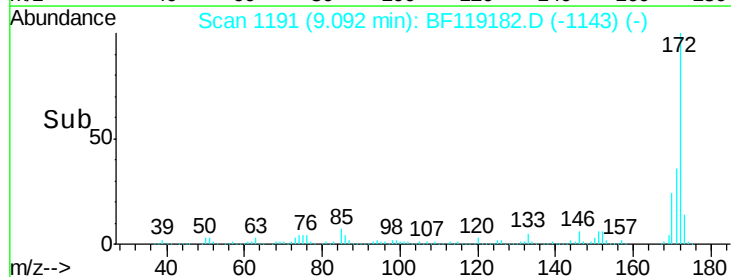
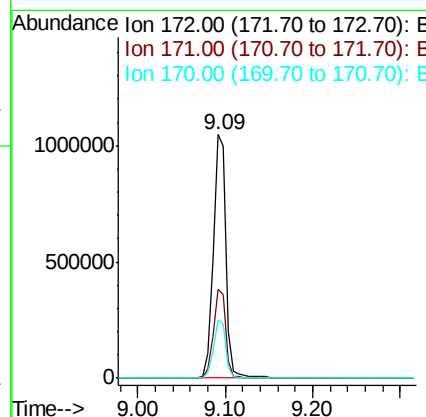
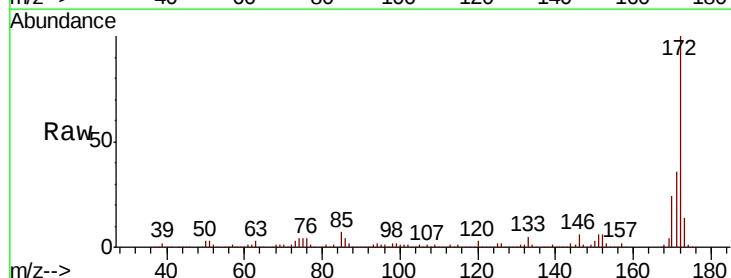
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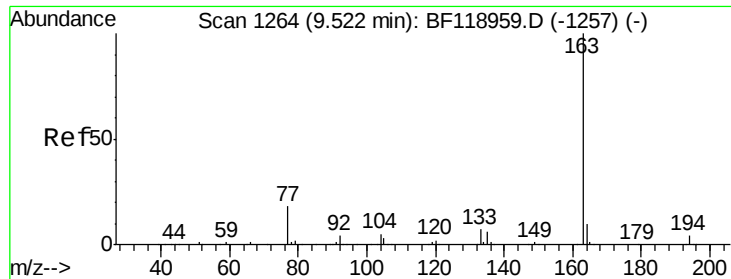
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#45
 2-Fluorobiphenyl
 Concen: 62.482 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119182.D
 Acq: 2 Mar 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1054475		
171	36.5	30.6	45.8	
170	23.7	20.2	30.2	





#50

Dimethylphthalate

Concen: 6.308 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF119182.D

Acq: 2 Mar 2020 21:49

Instrument :

BNA_F

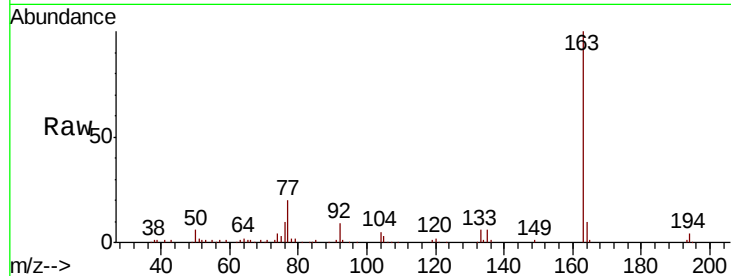
ClientSampleId :

C-6

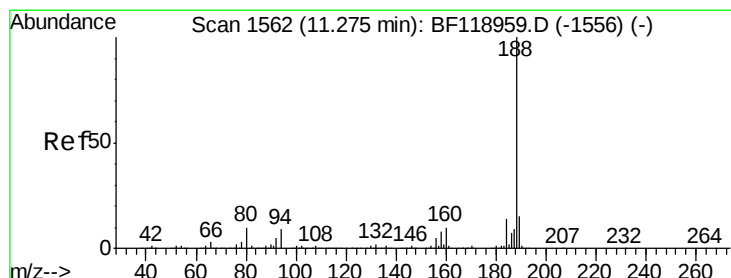
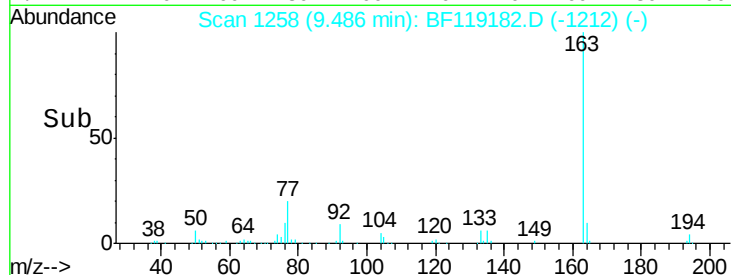
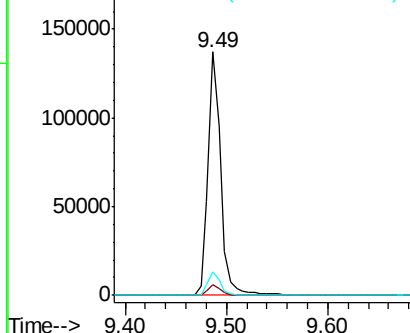
Tot Ion:	163	Resp:	119927
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	9.7	8.4	12.6

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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

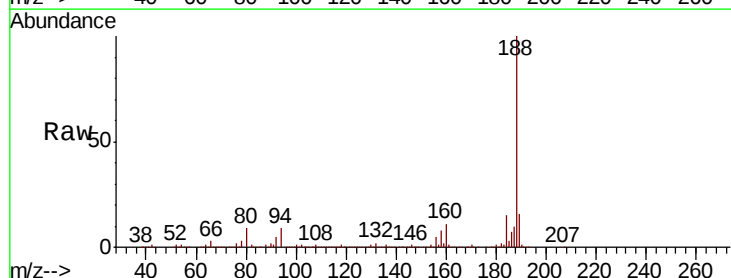
RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

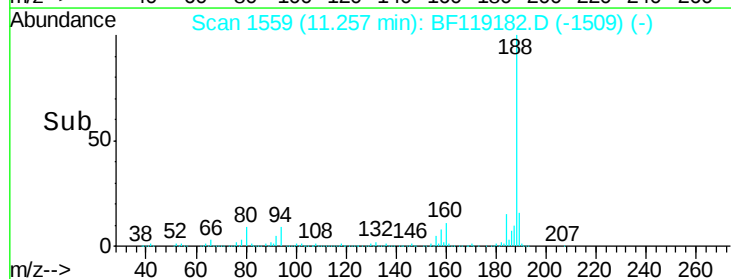
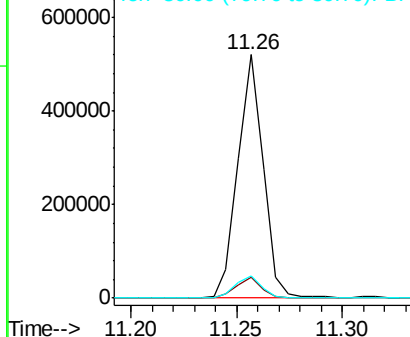
Lab File: BF119182.D

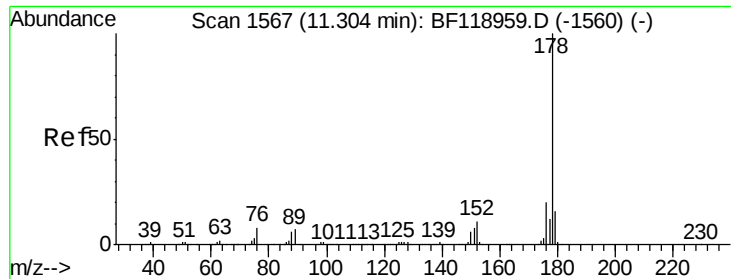
Acq: 2 Mar 2020 21:49

Tgt Ion:	188	Resp:	432776
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.1	10.7
80	9.3	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





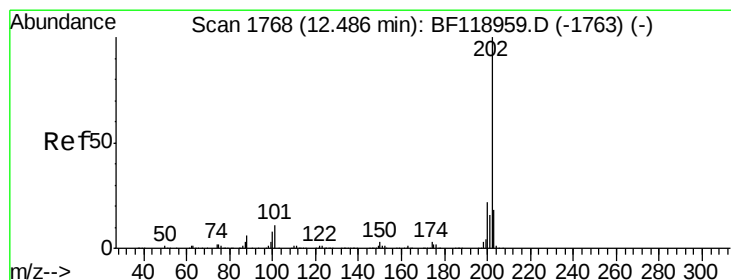
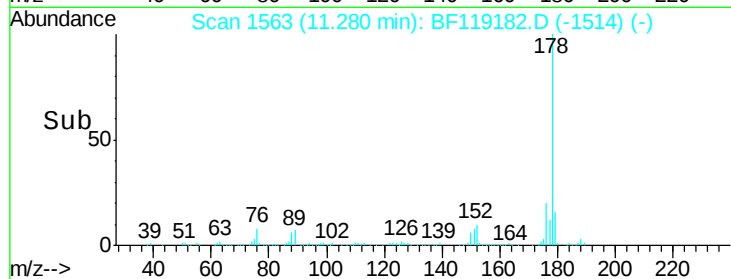
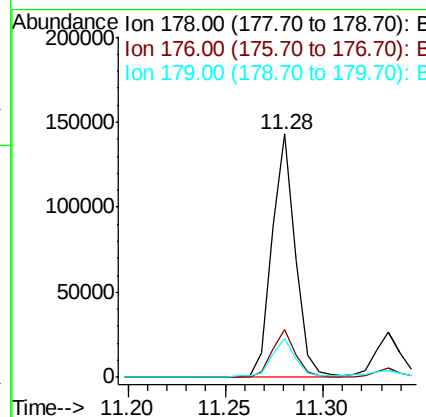
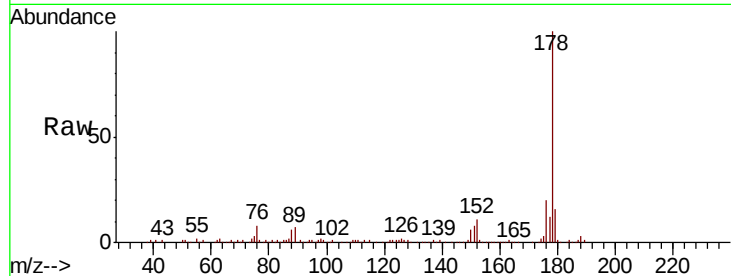
#71
Phenanthrene
Concen: 5.048 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119182.D
Acq: 2 Mar 2020 21:49

Instrument :
BNA_F
ClientSampleId :
C-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	15.9	13.0	19.6

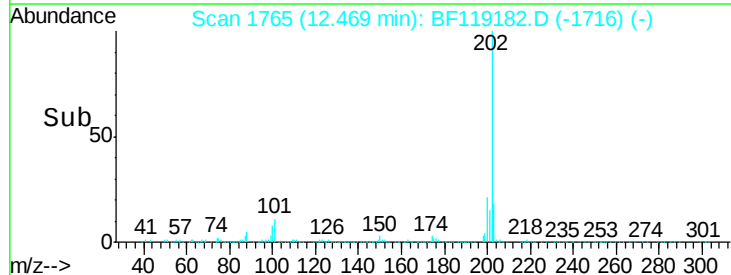
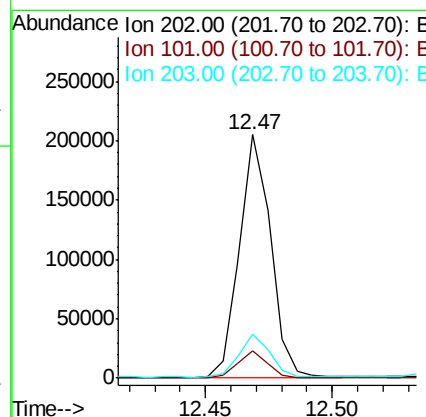
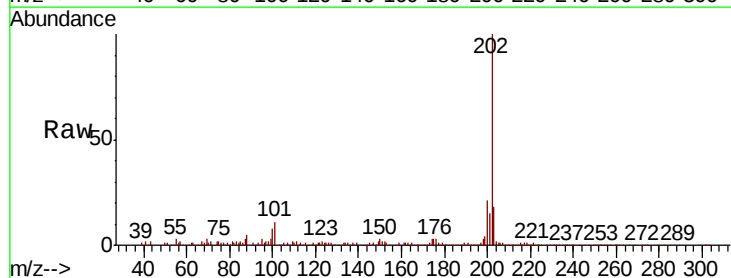
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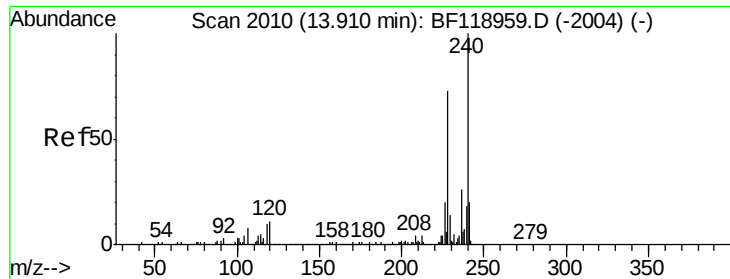
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#75
Fluoranthene
Concen: 6.967 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF119182.D
Acq: 2 Mar 2020 21:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
203	18.0	0.0	38.4





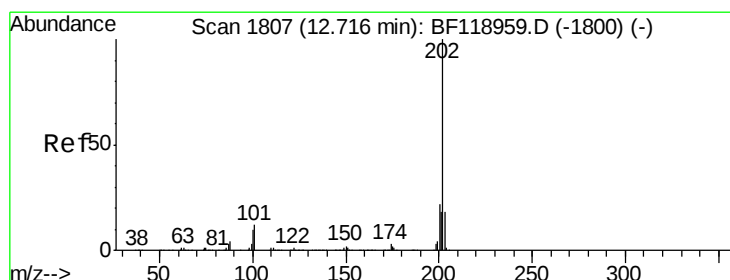
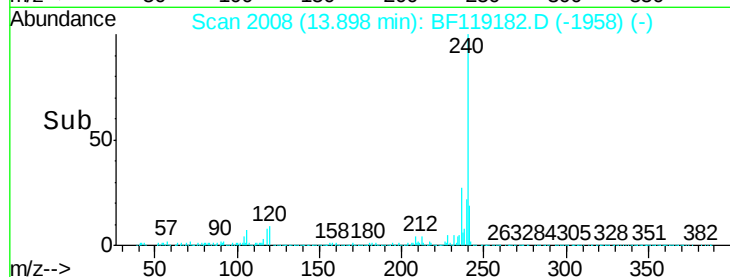
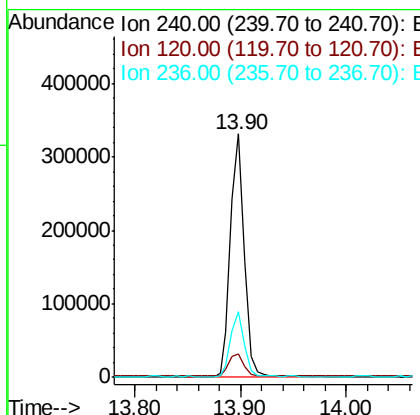
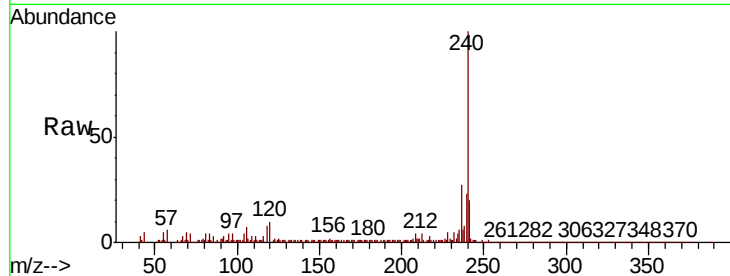
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119182.D
Acq: 2 Mar 2020 21:49

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
240	100	299052		
120	9.6	8.4	12.6	
236	26.9	21.0	31.4	

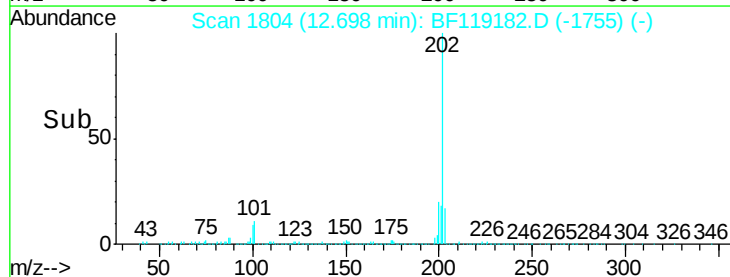
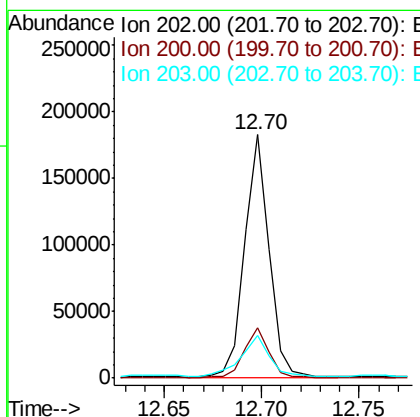
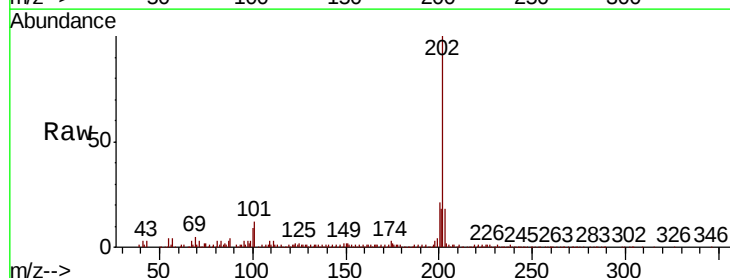
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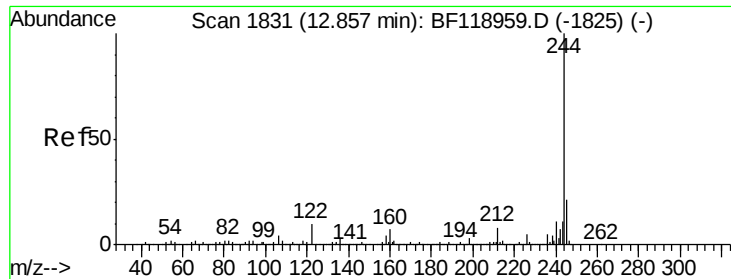
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#78
Pyrene
Concen: 6.575 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF119182.D
Acq: 2 Mar 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	157877		
200	20.6	18.0	27.0	
203	17.6	14.6	22.0	





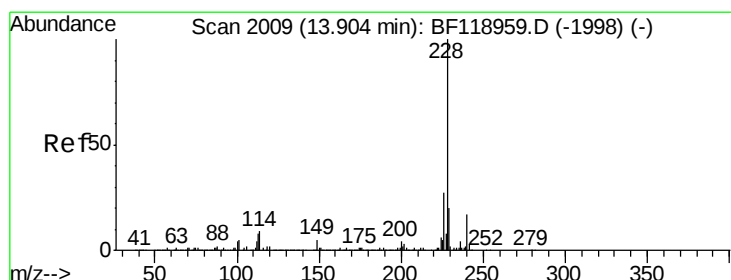
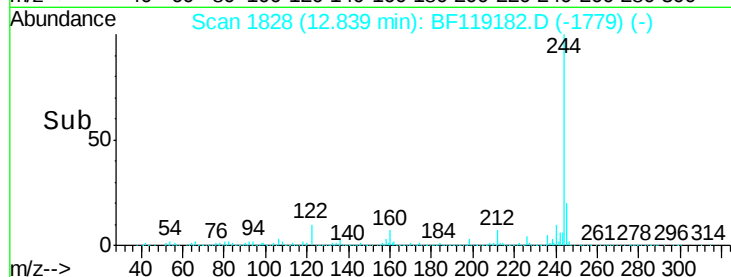
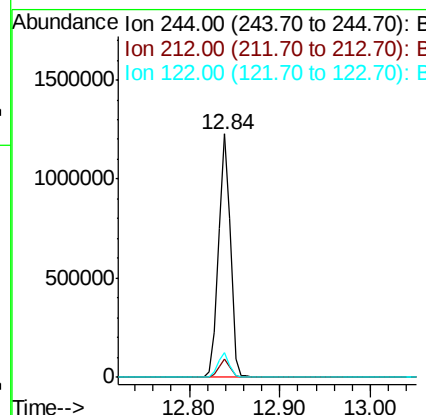
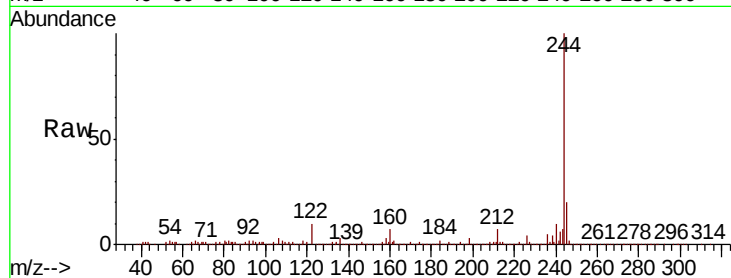
#79
 Terphenyl-d14
 Concen: 64.340 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119182.D
 Acq: 2 Mar 2020 21:49

Instrument :
 BNA_F
 ClientSampleId :
 C-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	10.1	8.2	12.2

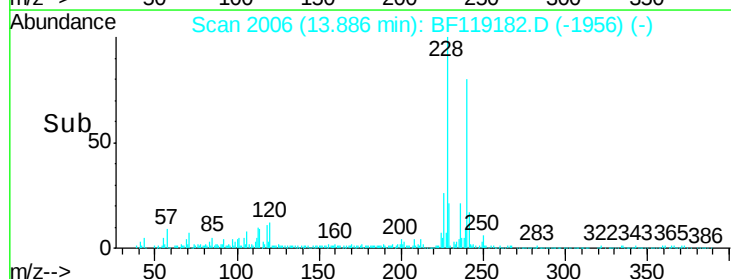
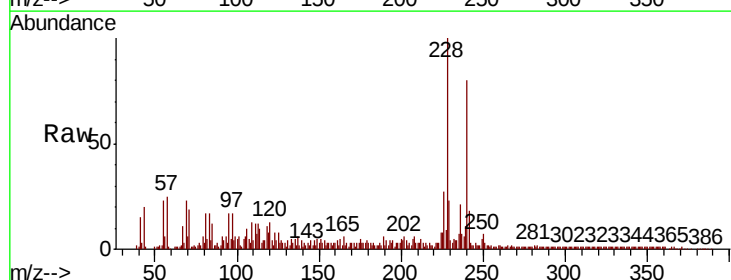
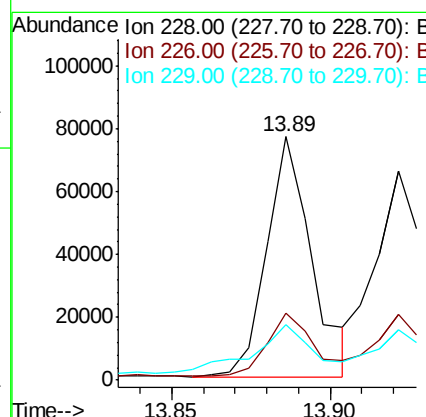
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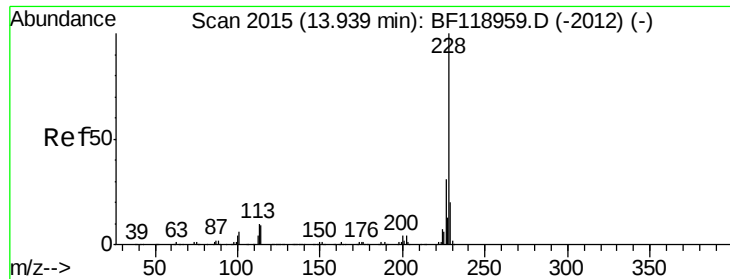
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#81
 Benzo(a)anthracene
 Concen: 3.694 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119182.D
 Acq: 2 Mar 2020 21:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	22.6	16.6	24.8





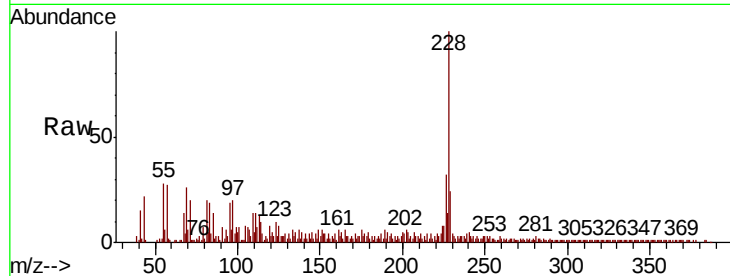
#83
Chrysene
Concen: 3.365 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF119182.D
Acq: 2 Mar 2020 21:49

Instrument :
BNA_F
ClientSampleId :
C-6

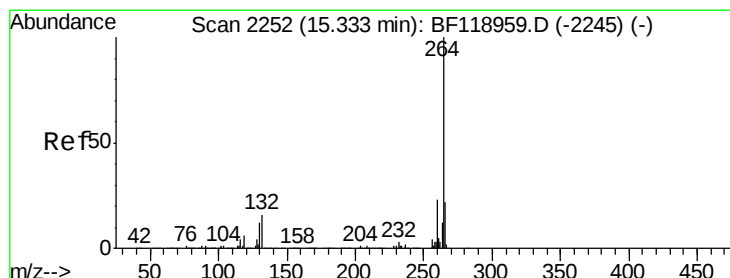
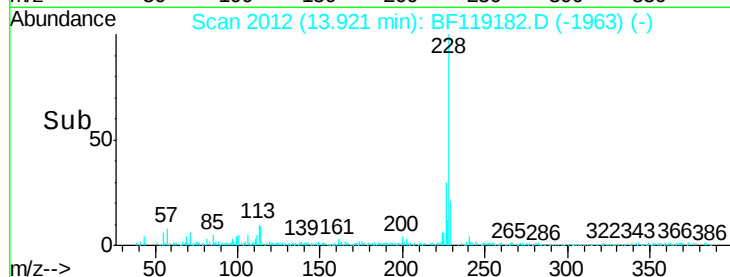
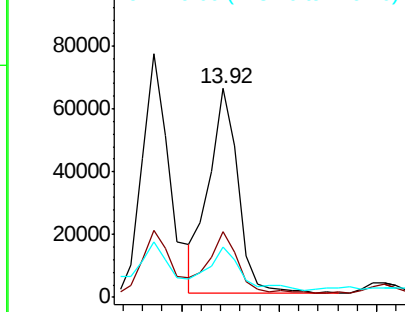
Tot Ion:	228	Resp:	68311
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.1	37.7
229	24.2	16.3	24.5

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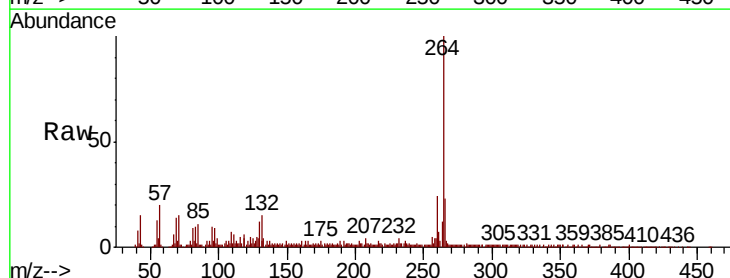


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

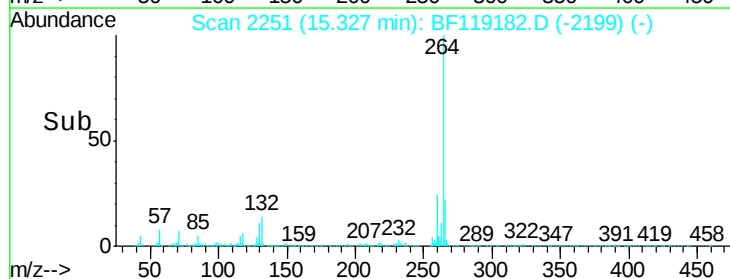
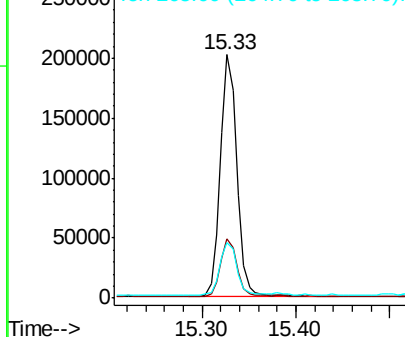


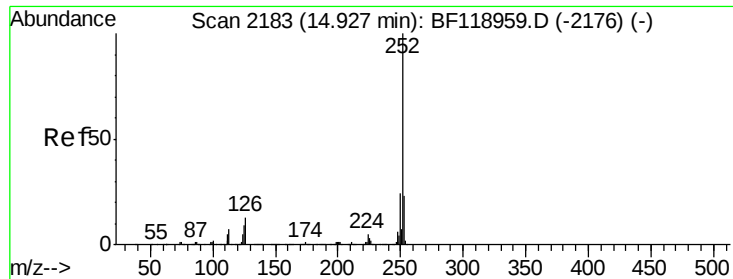
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119182.D
Acq: 2 Mar 2020 21:49

Tgt Ion:	264	Resp:	249764
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	22.7	17.7	26.5



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





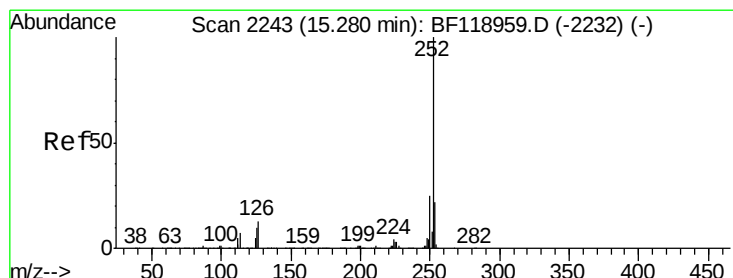
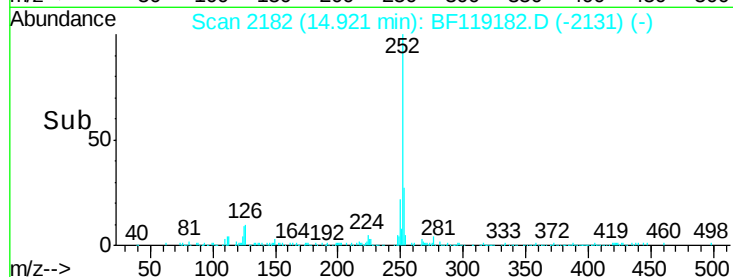
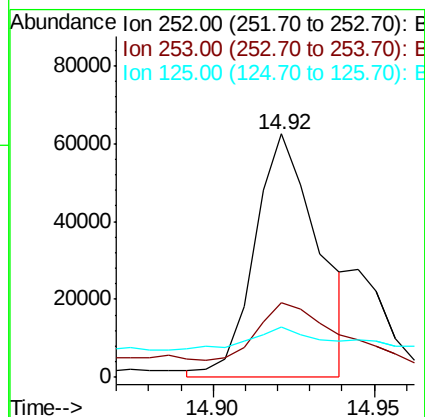
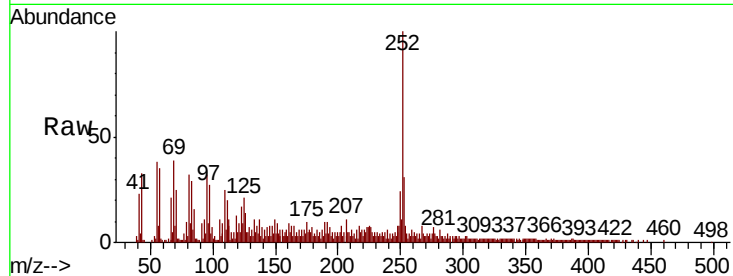
#88
Benzo(b)fluoranthene
Concen: 5.220 ng/mL
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119182.D
Acq: 2 Mar 2020 21:49

Instrument :
BNA_F
ClientSampleId :
C-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.7	18.1	27.1#
125	20.9	7.4	11.0#

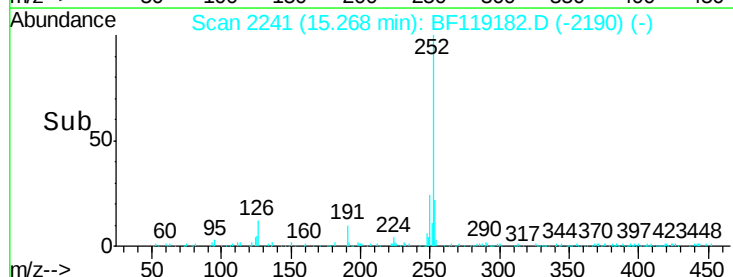
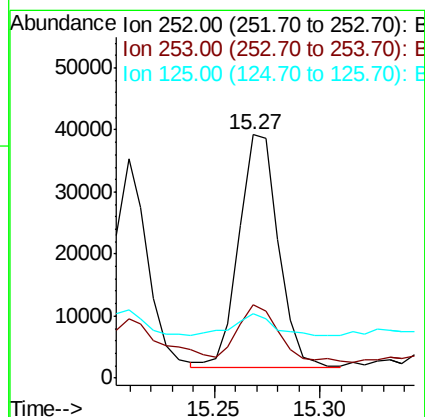
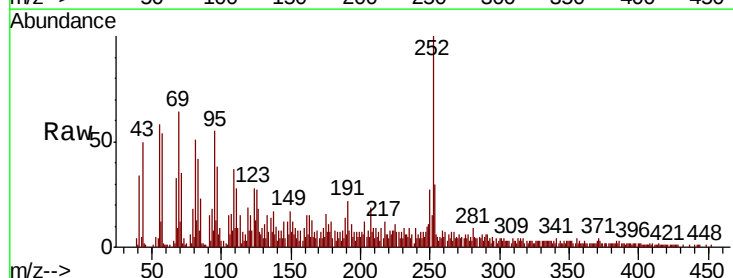
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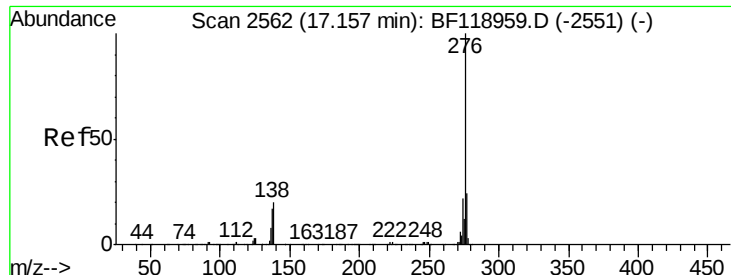
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#90
Benzo(a)pyrene
Concen: 3.303 ng/mL
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF119182.D
Acq: 2 Mar 2020 21:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	18.0	27.0#
125	26.6	8.6	12.8#





#92
 Benzo(a,h,i)perylene
 Concen: 2.245 ng
 RT: 17.17 min Scan# 2565
 Delta R.T. 0.02 min
 Lab File: BF119182.D
 Acq: 2 Mar 2020 21:49

Instrument :
 BNA_F
 ClientSampled :
 C-6

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	34.1	18.7	28.1	#
138	25.3	14.3	21.5	#

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