

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118411.D
 Acq On : 31 Dec 2019 17:59
 Operator : JU
 Sample : K6465-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Manual Integrations
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 1/2/2020 11:50:02 AM

Quant Time: Jan 01 02:31:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	79946	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	318197	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	175920	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	318685	20.00	ng	0.00
76) Chrysene-d12	14.05	240	195149	20.00	ng	0.00
87) Perylene-d12	15.54	264	204809	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	462863	98.83	ng	0.01
7) Phenol-d6	6.49	99	582647	100.28	ng	0.00
23) Nitrobenzene-d5	7.42	82	355353	63.87	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	192029	88.39	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	768769	66.71	ng	0.00
79) Terphenyl-d14	12.99	244	750530	63.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	48241	3.653	ng	98
71) Phenanthrene	11.42	178	49470	2.848	ng	98
75) Fluoranthene	12.62	202	94227	5.374	ng	99
78) Pyrene	12.85	202	84939	5.330	ng	99
81) Benzo(a)anthracene	14.04	228	46303	3.390	ng	95
83) Chrysene	14.08	228	45136	3.451	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	22846	2.421	ng	# 96
86) Indeno(1,2,3-cd)pyrene	17.07	276	25198m	2.261	ng	
88) Benzo(b)fluoranthene	15.11	252	64874m	4.772	ng	
90) Benzo(a)pyrene	15.49	252	45335	3.785	ng	95
92) Benzo(g,h,i)perylene	17.53	276	25529	2.543	ng	94

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

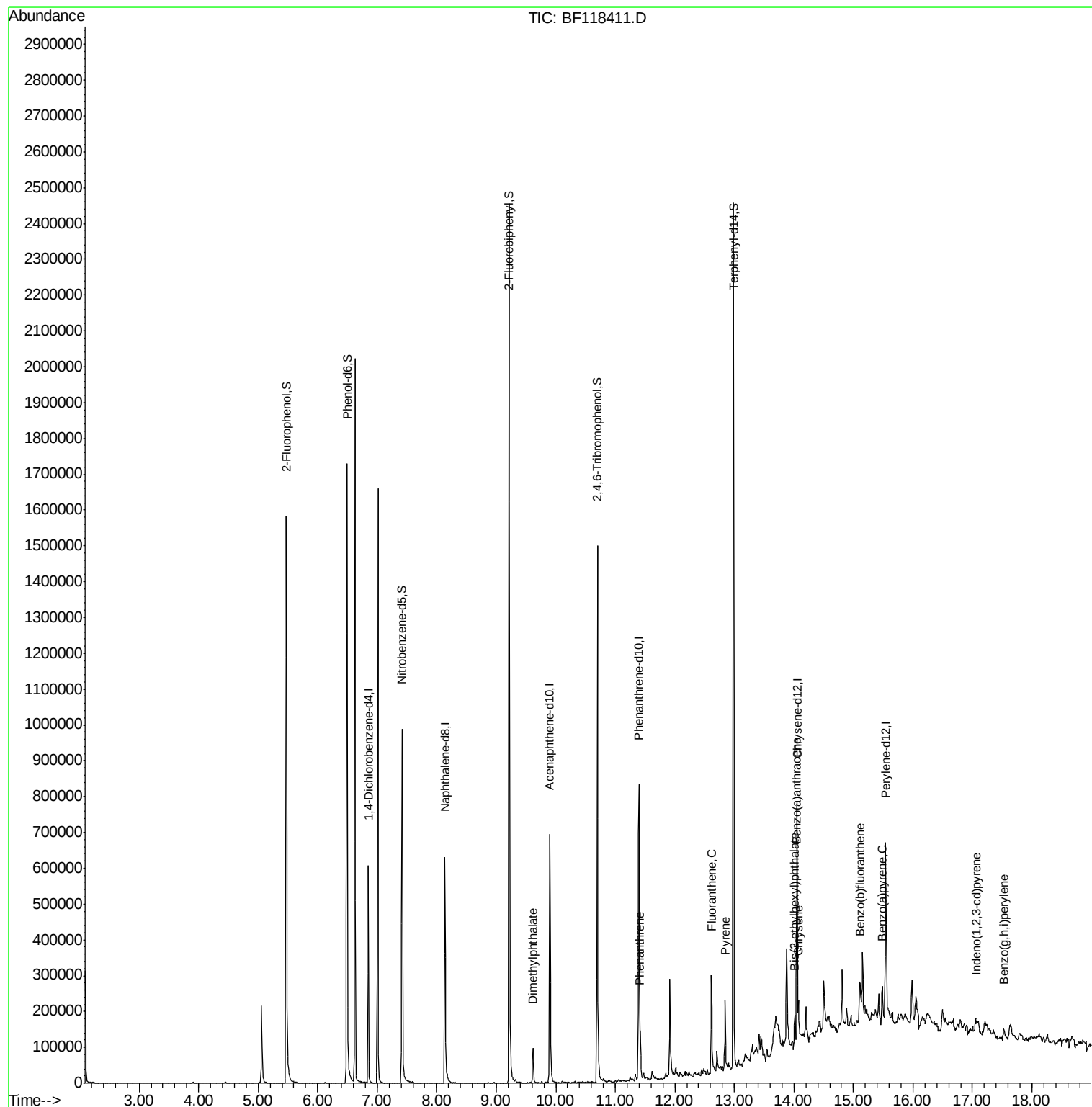
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118411.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

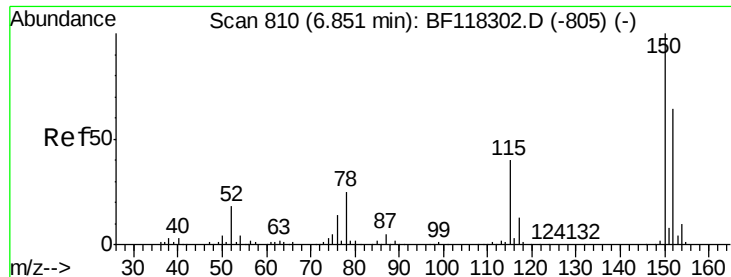
Instrument :
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SS-8

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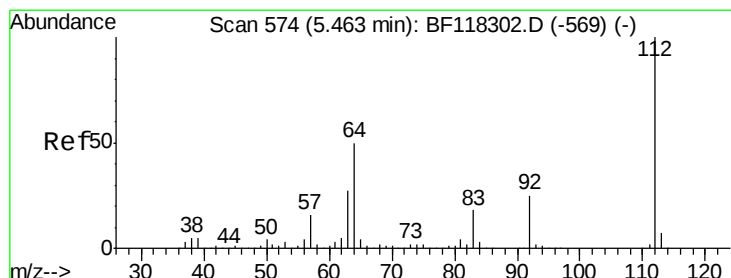
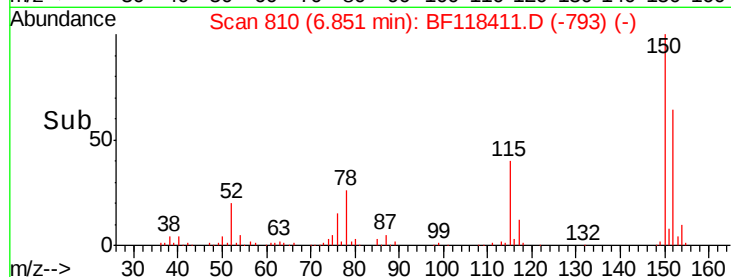
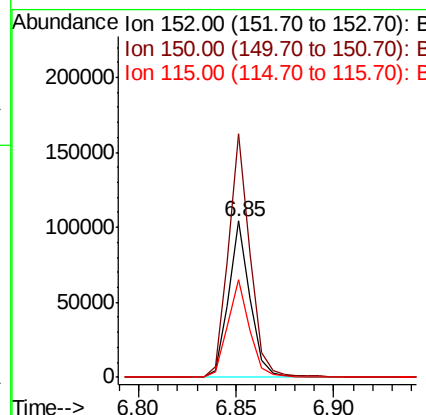
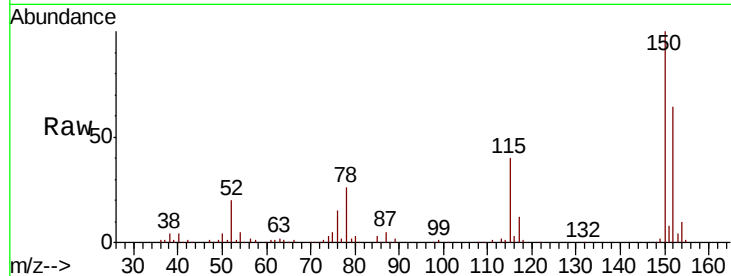
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF118411.D
 Acq: 31 Dec 2019 17:59

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.4	188.2
115	62.5	50.2	75.4

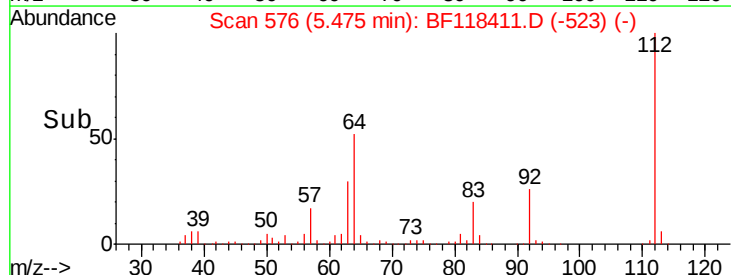
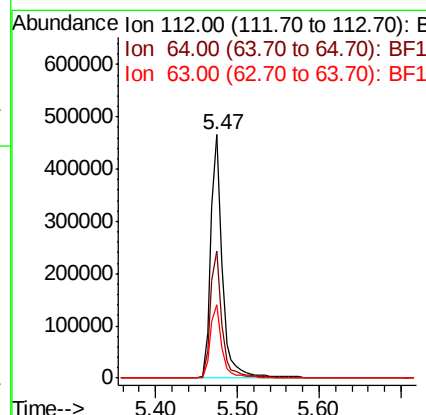
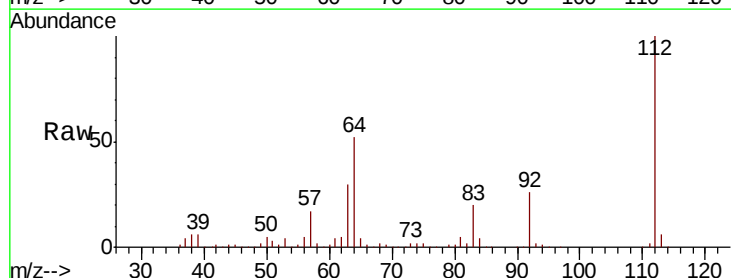
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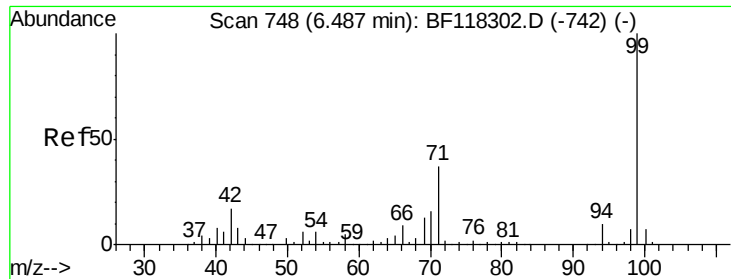
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#5
 2-Fluorophenol
 Concen: 98.829 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF118411.D
 Acq: 31 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	39.7	59.5
63	29.9	21.7	32.5





#7

Phenol-d6

Concen: 100.285 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118411.D

Acq: 31 Dec 2019 17:59

Instrument :

BNA_F

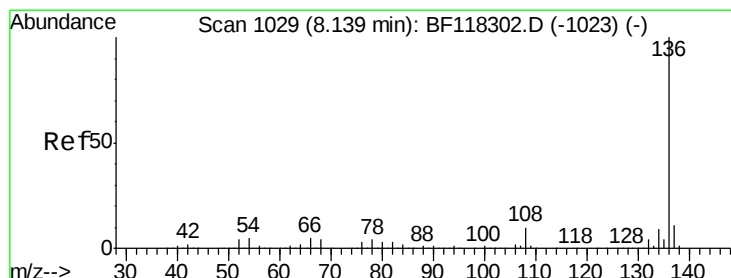
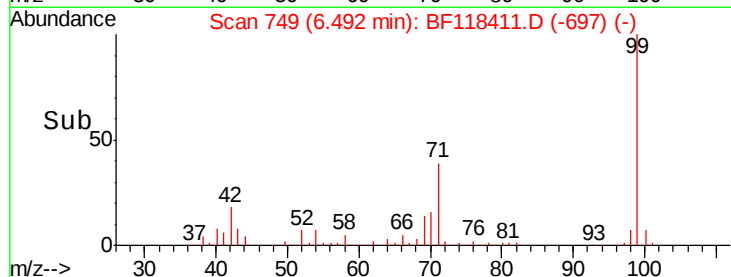
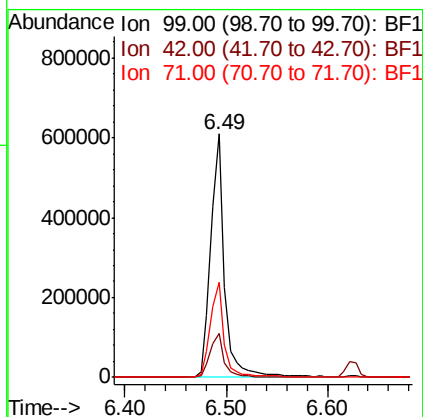
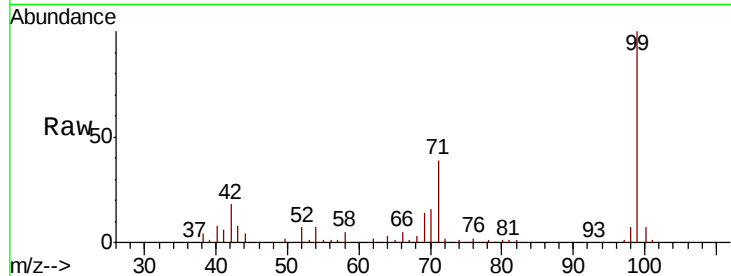
ClientSampled :

SS-8

Tot Ion:	99	Resp:	582647
Ion Ratio	Lower	Upper	
99	100		
42	18.0	13.5	20.3
71	39.0	29.4	44.2

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#21

Naphthalene-d8

Concen: 20.000 ng

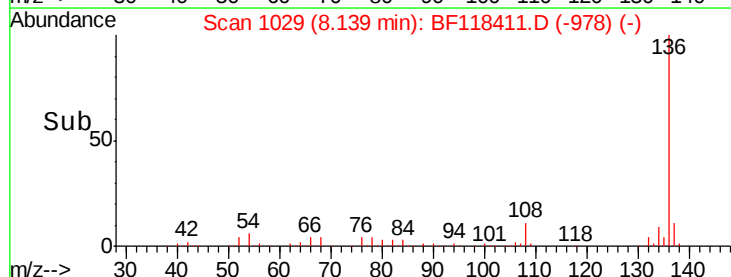
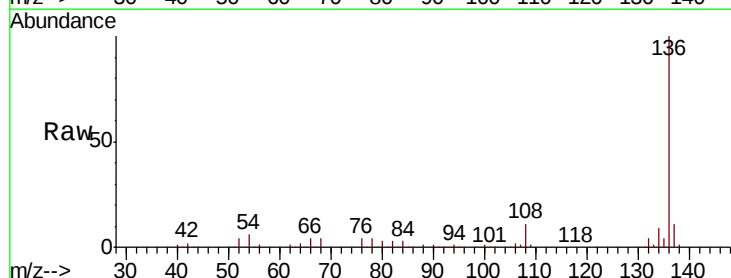
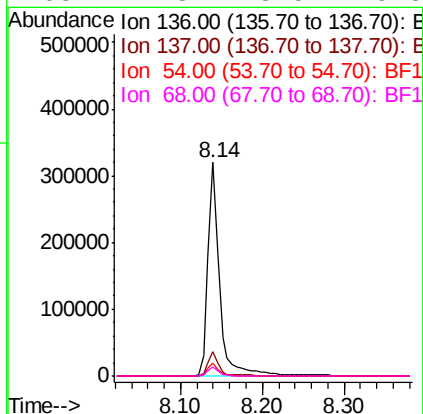
RT: 8.14 min Scan# 1029

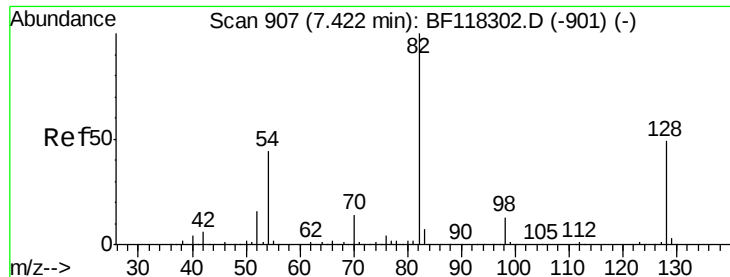
Delta R.T. 0.00 min

Lab File: BF118411.D

Acq: 31 Dec 2019 17:59

Tgt Ion:	136	Resp:	318197
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	5.9	4.2	6.4
68	4.3	3.5	5.3





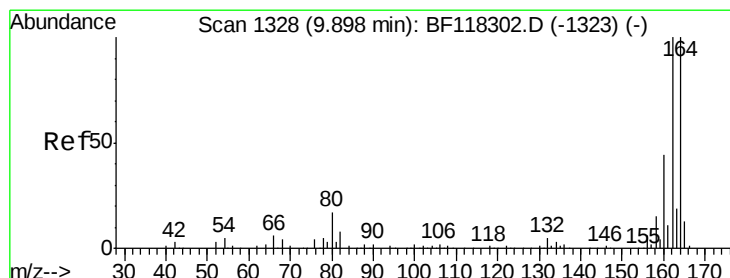
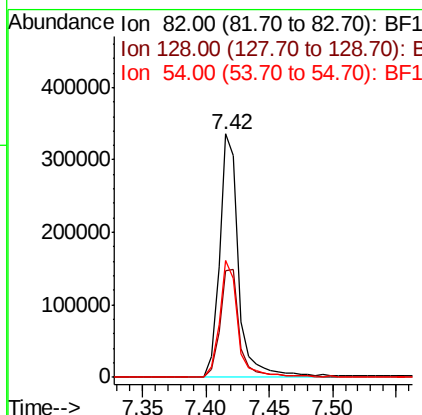
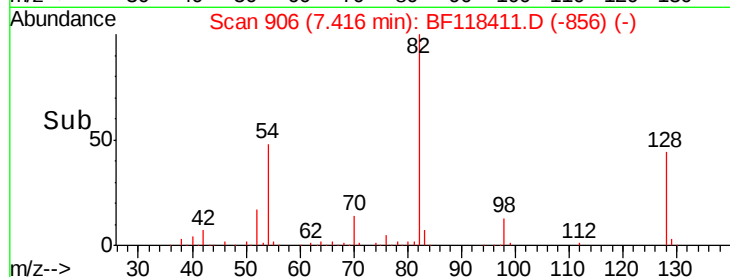
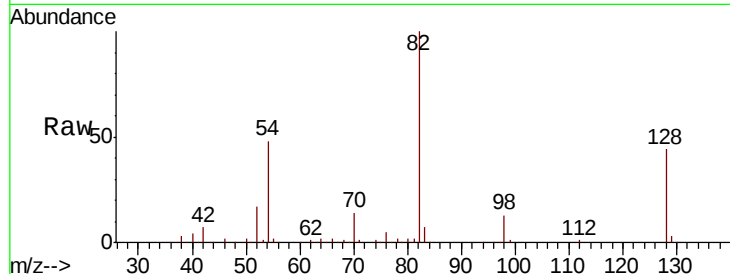
#23
 Nitrobenzene-d5
 Concen: 63.874 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118411.D
 Acq: 31 Dec 2019 17:59

Instrument :
 BNA_F
 ClientSampled :
 SS-8

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	39.6	59.4
54	48.1	34.9	52.3

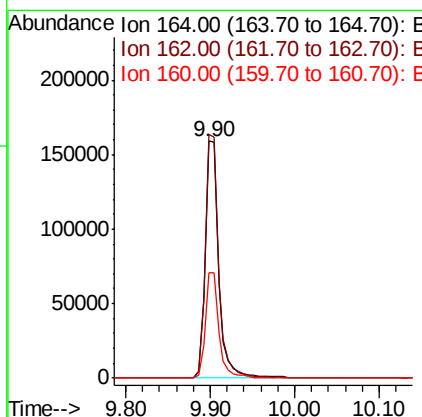
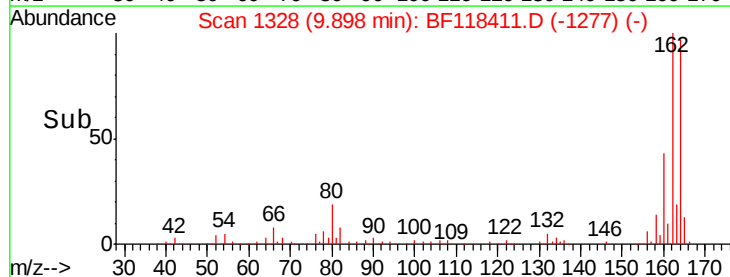
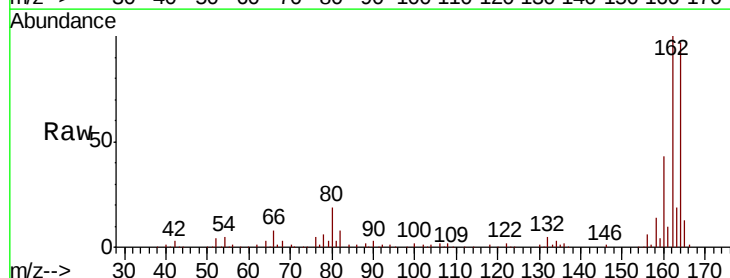
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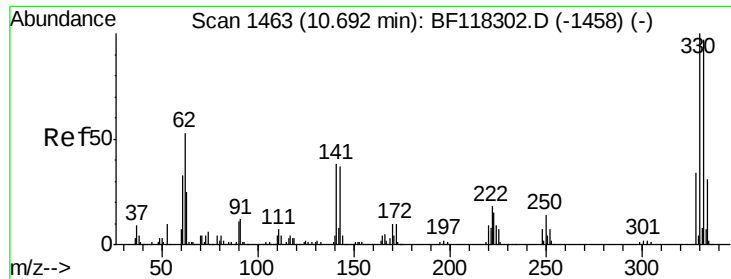
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF118411.D
 Acq: 31 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.0	120.0
160	44.7	34.8	52.2





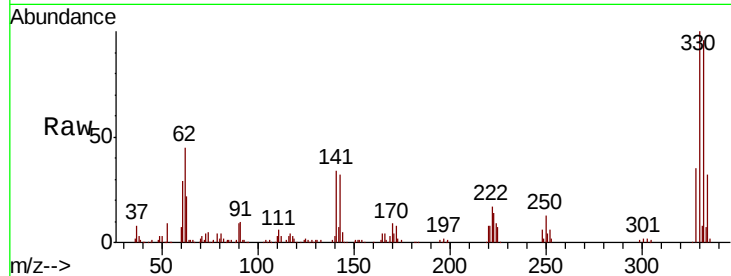
#42
 2,4,6-Tribromophenol
 Concen: 88.391 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118411.D
 Acq: 31 Dec 2019 17:59

Instrument :
 BNA_F
 ClientSampled :
 SS-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	35.3	26.0	39.0

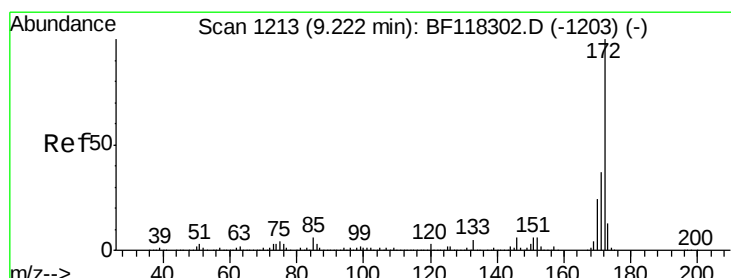
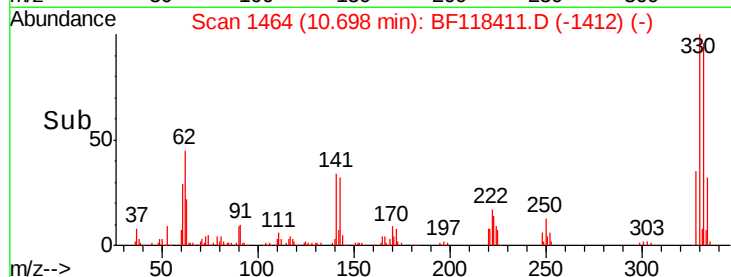
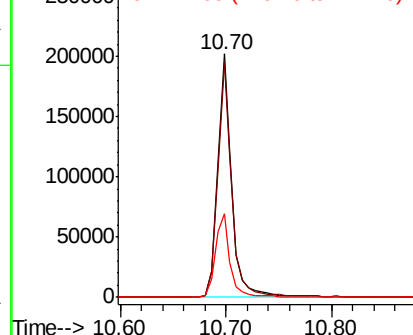
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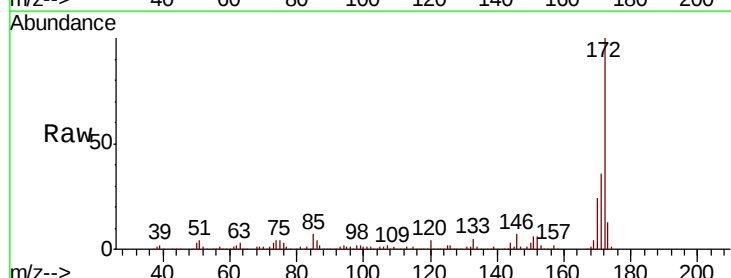
Abundance

Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



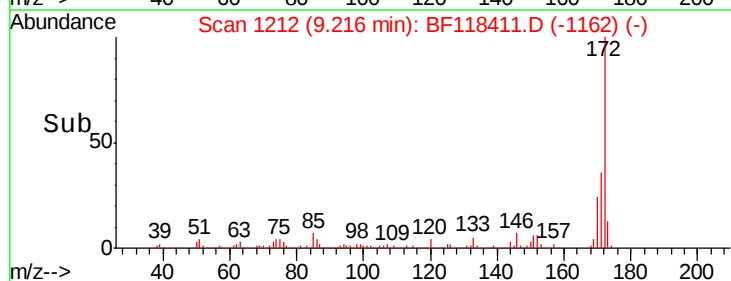
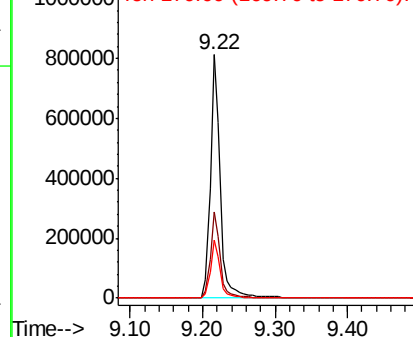
#45
 2-Fluorobiphenyl
 Concen: 66.707 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118411.D
 Acq: 31 Dec 2019 17:59

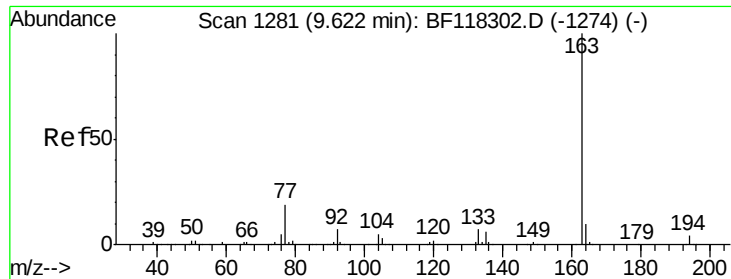
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.3	43.9
170	24.0	19.2	28.8



Abundance

Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





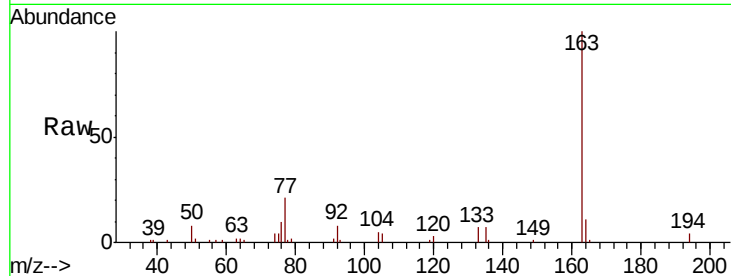
#50
Dimethylphthalate
Concen: 3.653 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118411.D
Acq: 31 Dec 2019 17:59

Instrument :
BNA_F
ClientSampleId :
SS-8

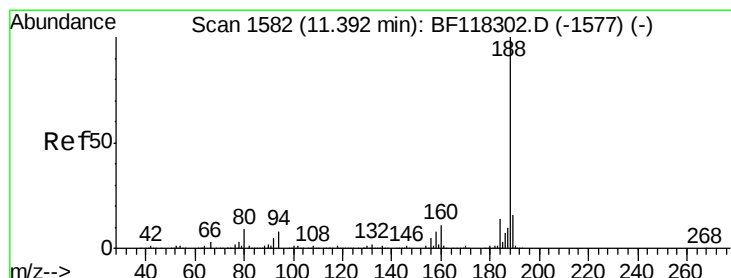
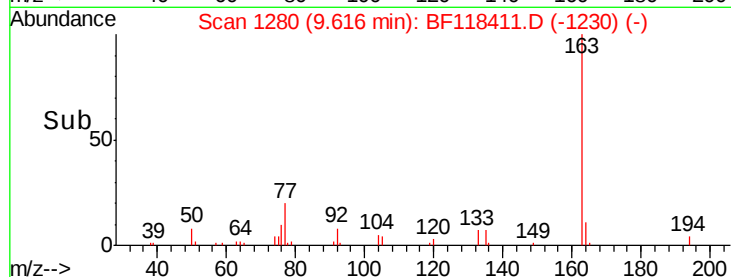
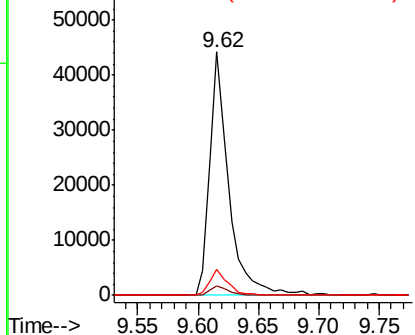
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.7	7.9	11.9

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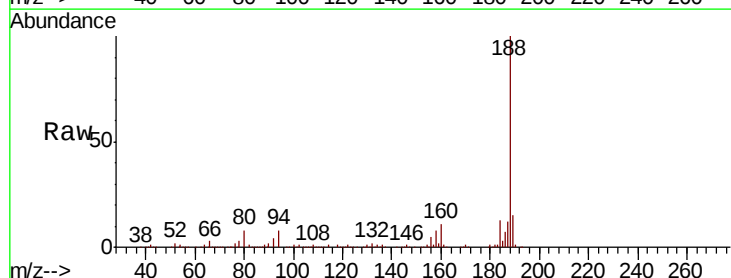


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

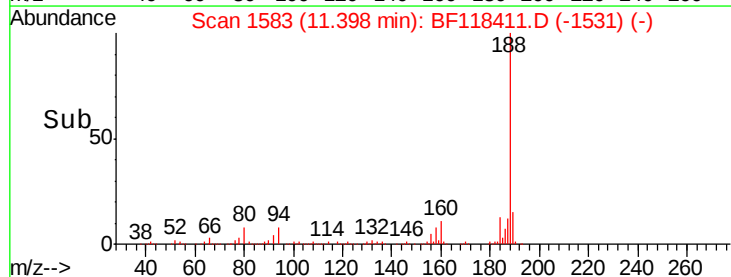
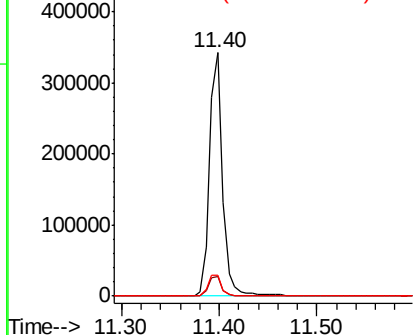


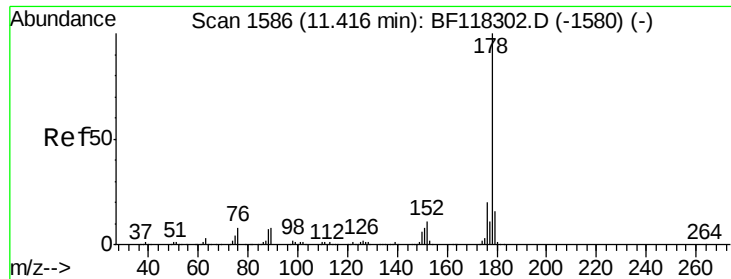
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118411.D
Acq: 31 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.3	7.2	10.8



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





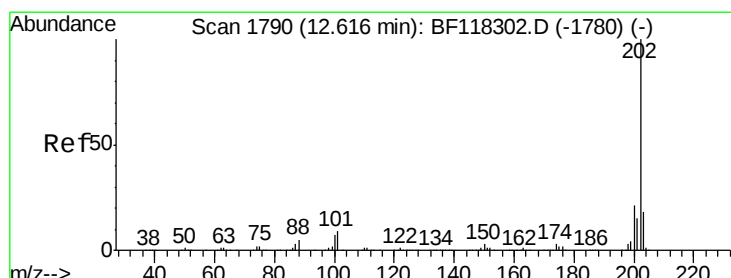
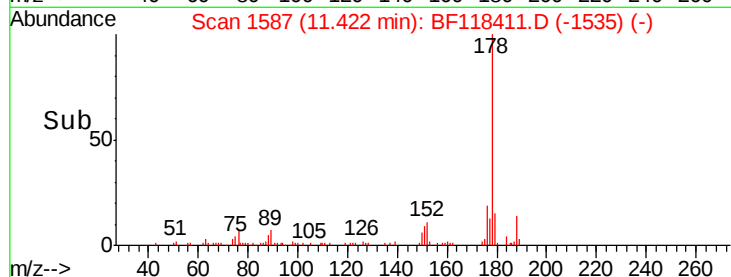
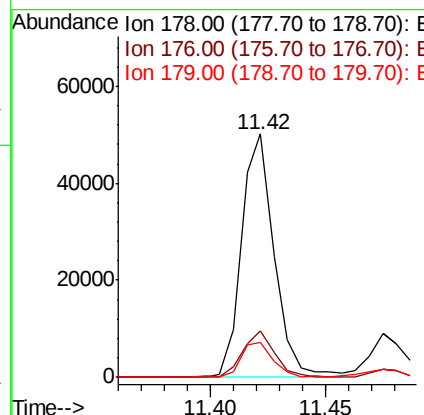
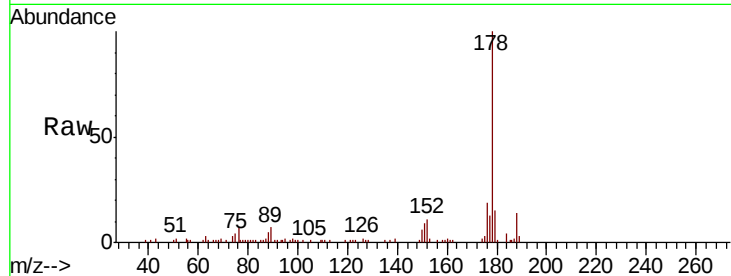
#71
Phenanthrene
Concen: 2.848 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118411.D
Acq: 31 Dec 2019 17:59

Instrument :
BNA_F
ClientSampleId :
SS-8

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	14.6	12.6	19.0

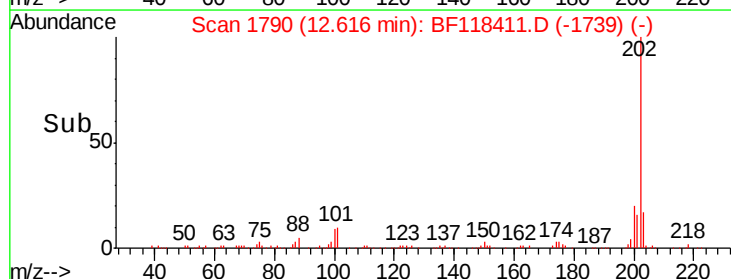
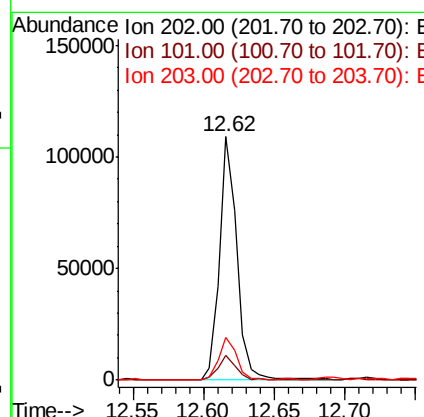
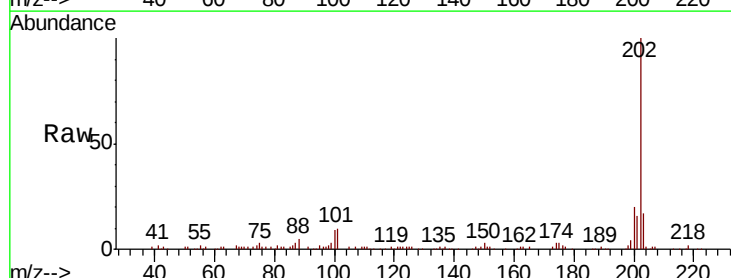
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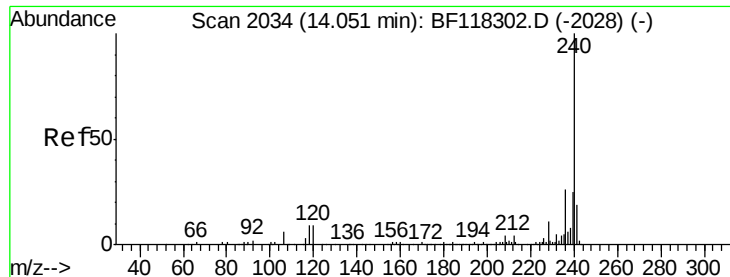
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#75
Fluoranthene
Concen: 5.374 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF118411.D
Acq: 31 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.5
203	17.4	0.0	37.6





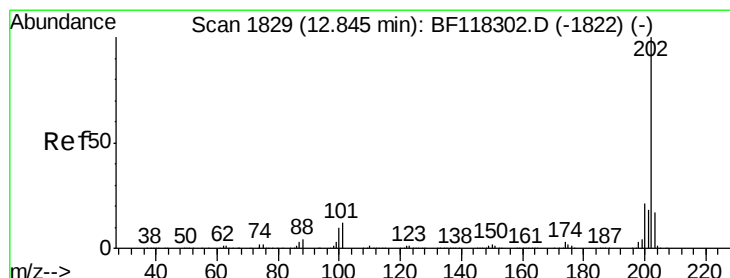
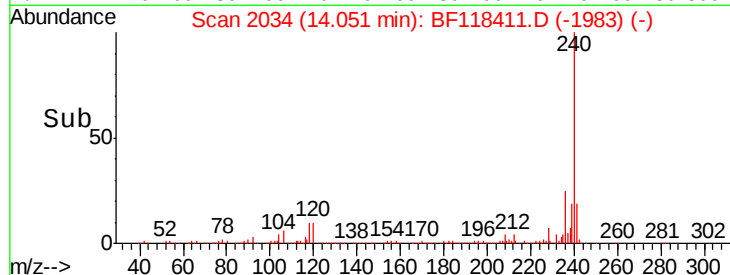
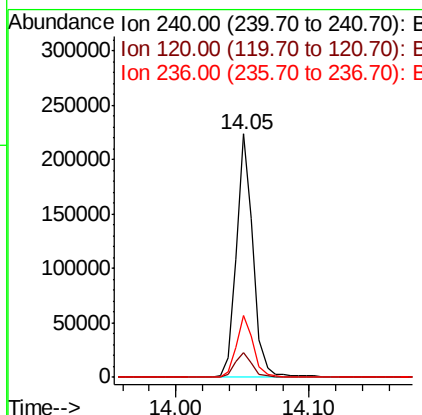
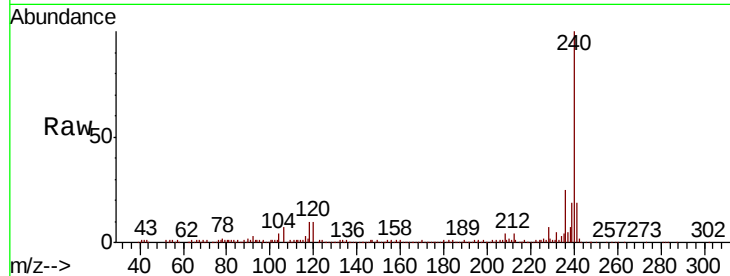
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF118411.D
Acq: 31 Dec 2019 17:59

Instrument :
BNA_F
ClientSampled :
SS-8

Tot Ion	Ratio	Resp	Lower	Upper
240	100	195149		
120	10.4	7.1	10.7	
236	25.5	21.0	31.6	

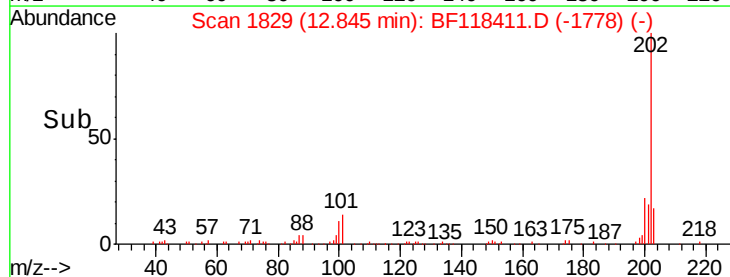
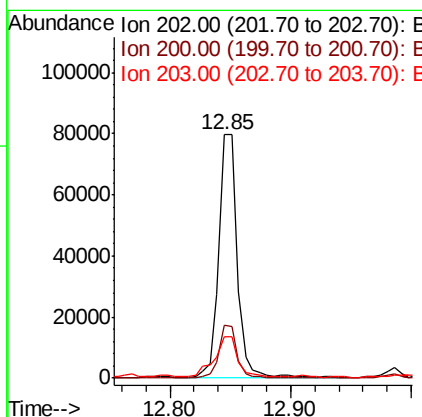
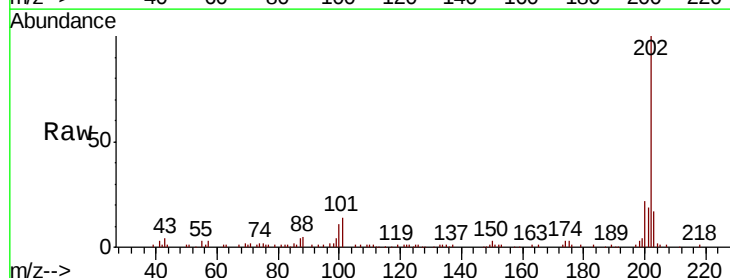
Manual Integrations
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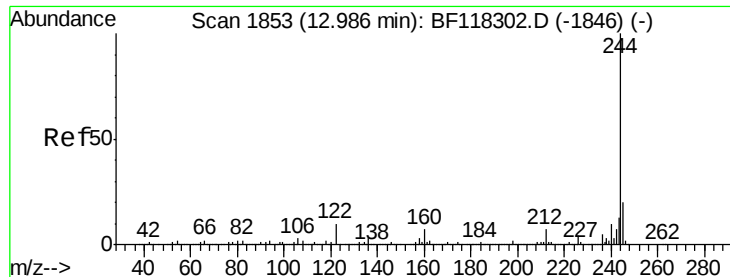
mohammad
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#78
Pyrene
Concen: 5.330 ng
RT: 12.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BF118411.D
Acq: 31 Dec 2019 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	84939		
200	21.7	16.8	25.2	
203	16.9	13.9	20.9	





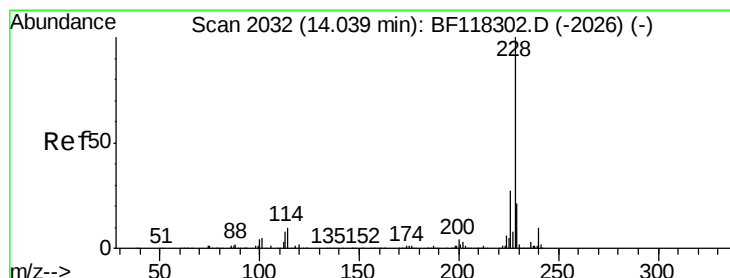
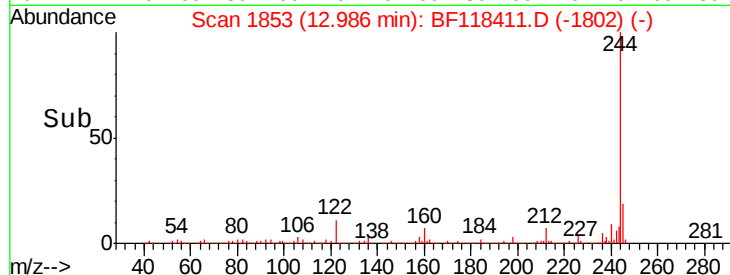
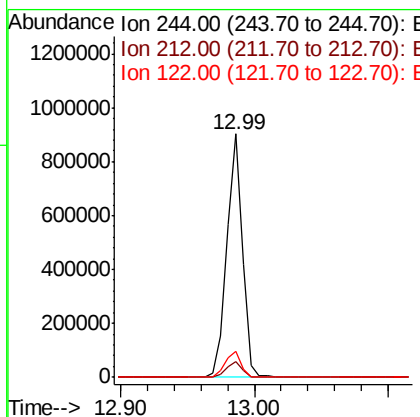
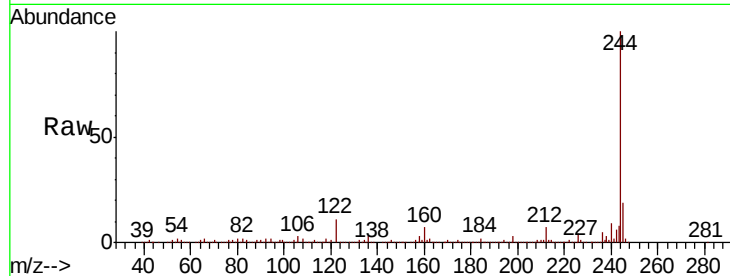
#79
 Terphenyl-d14
 Concen: 63.805 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF118411.D
 Acq: 31 Dec 2019 17:59

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.7	7.8	11.8

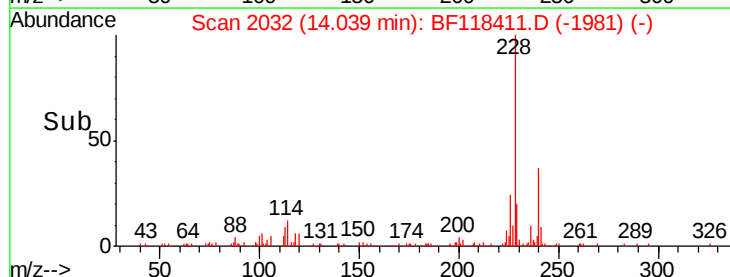
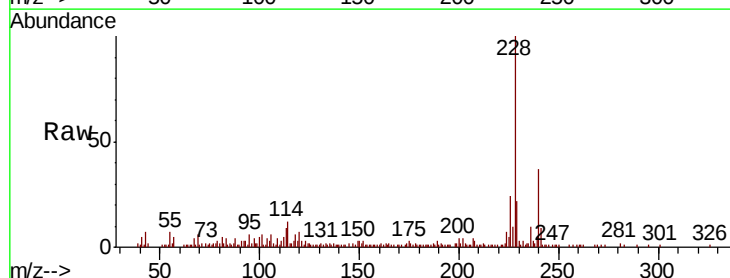
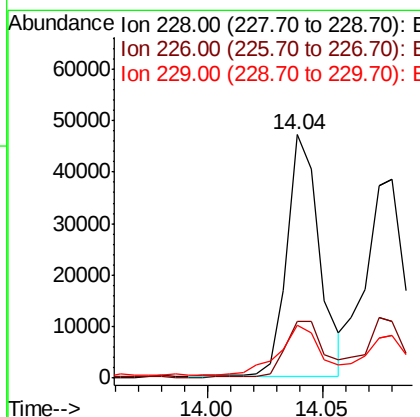
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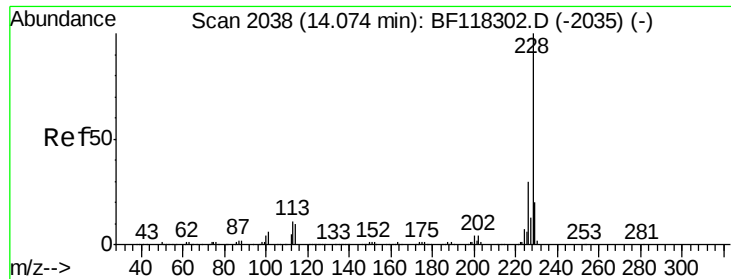
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#81
 Benzo(a)anthracene
 Concen: 3.390 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF118411.D
 Acq: 31 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	23.6	22.0	33.0
229	21.8	16.6	24.8





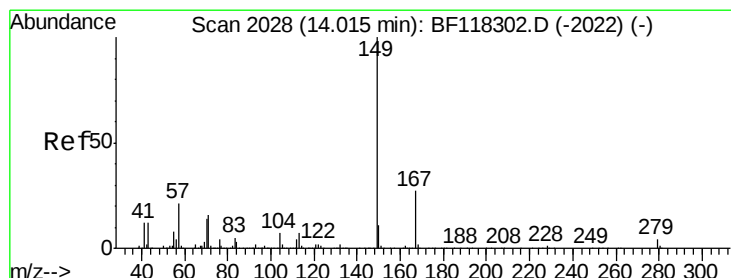
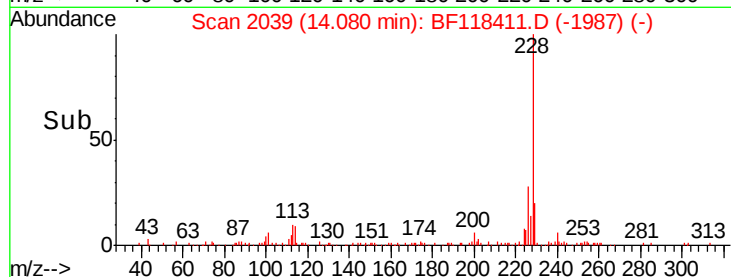
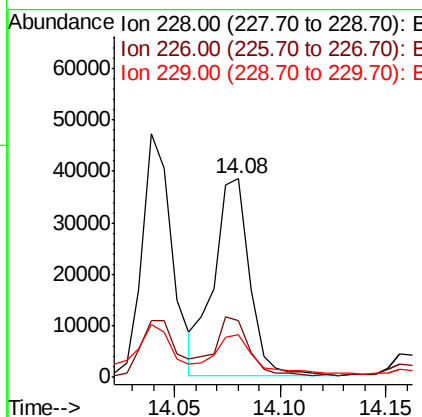
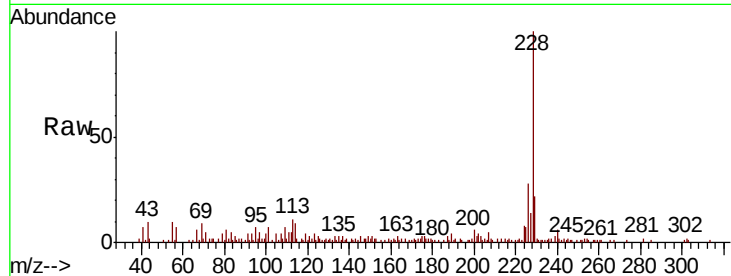
#83
Chrvsene
Concen: 3.451 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF118411.D
Acq: 31 Dec 2019 17:59

Instrument :
BNA_F
ClientSampleId :
SS-8

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.9	35.9
229	21.6	16.1	24.1

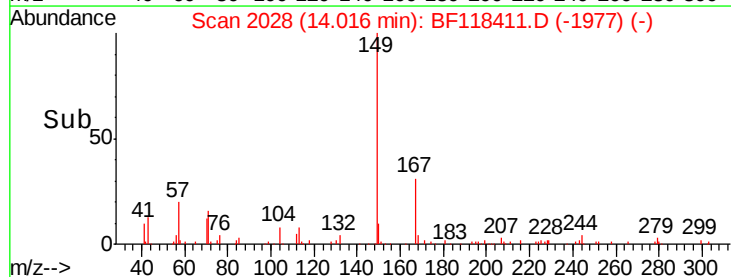
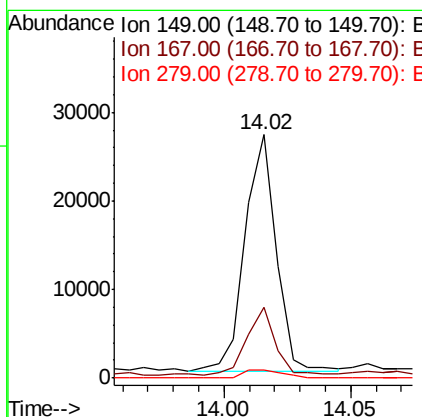
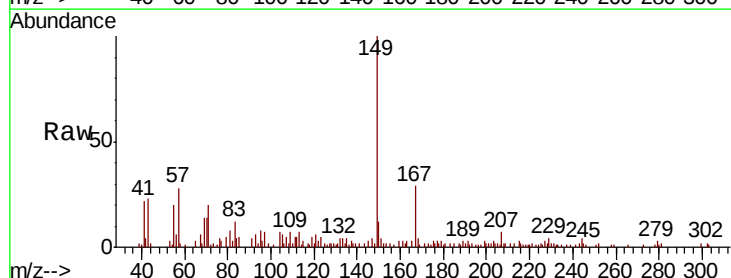
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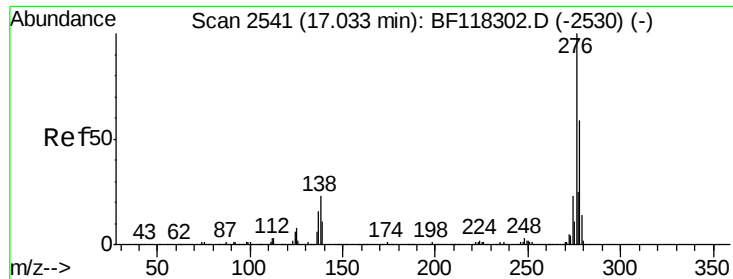
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.421 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF118411.D
Acq: 31 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.3	31.9
279	3.2	3.4	5.2#





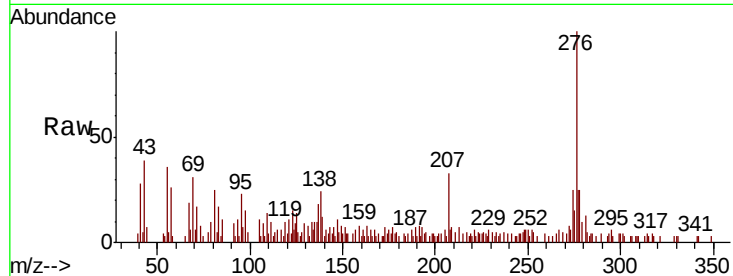
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.261 ng/ml
RT: 17.07 min Scan# 2547
Delta R.T. 0.04 min
Lab File: BF118411.D
Acq: 31 Dec 2019 17:59

Instrument :
BNA_F
ClientSampleId :
SS-8

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.4	19.5	29.3#
277	2.4	20.6	30.8#

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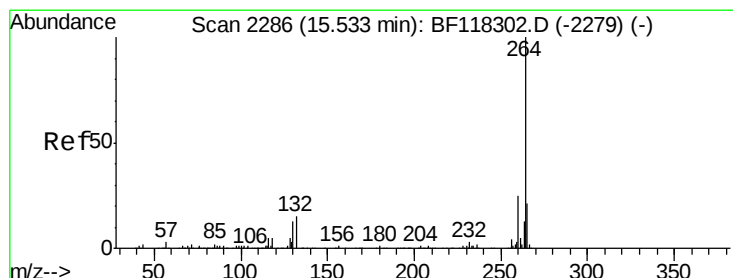
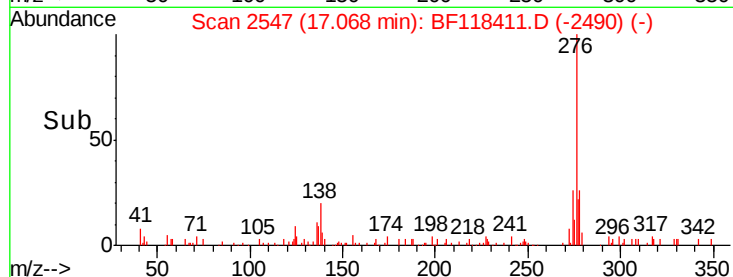
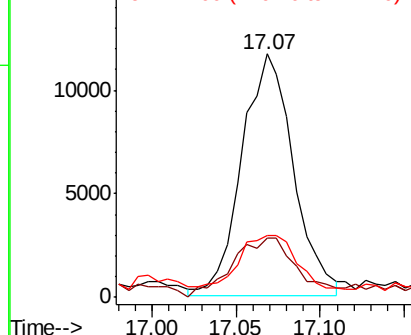


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118411.D
Acq: 31 Dec 2019 17:59

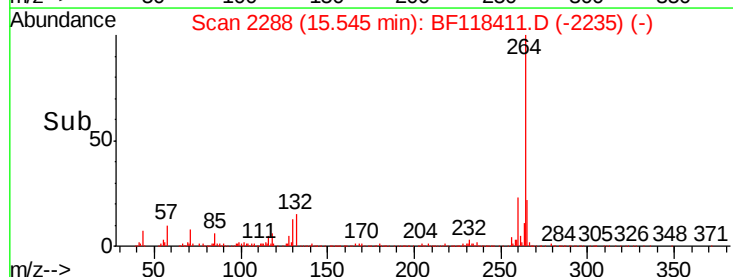
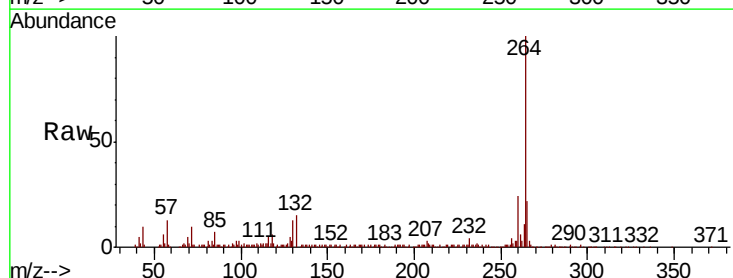
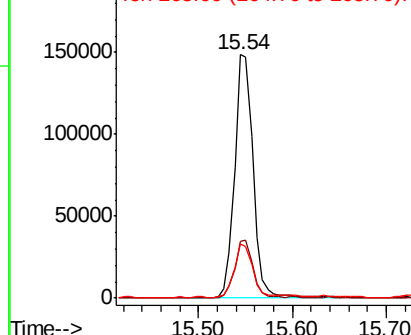
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	22.3	17.0	25.4

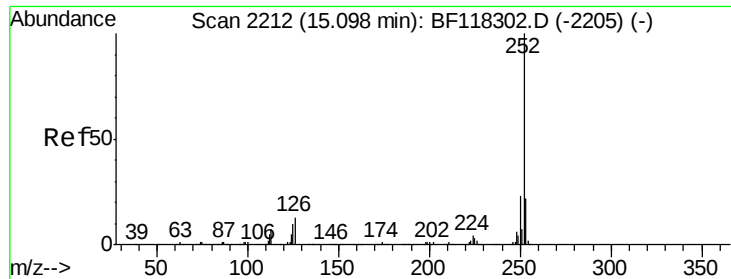
Abundance

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





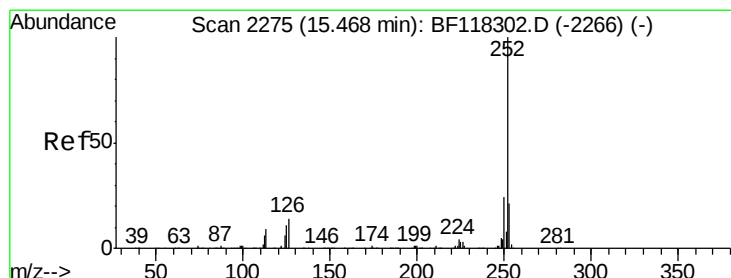
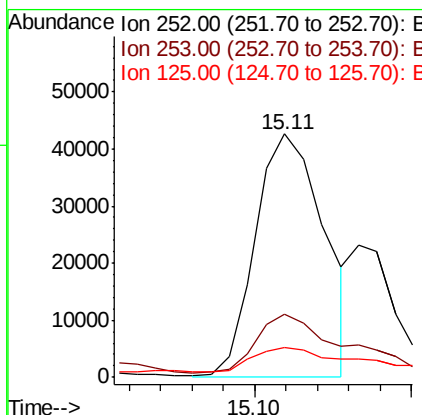
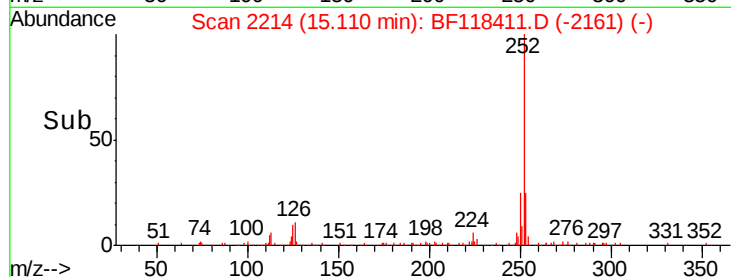
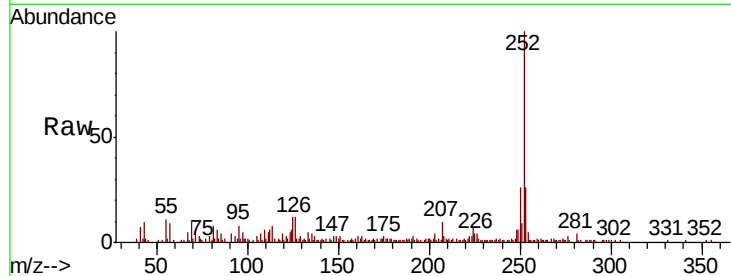
#88
Benzo(b)fluoranthene
Concen: 4.772 ng m
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118411.D
Acq: 31 Dec 2019 17:59

Instrument :
BNA_F
ClientSampleId :
SS-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	12.3	7.7	11.5

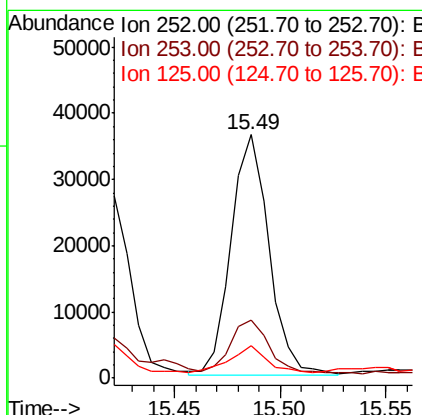
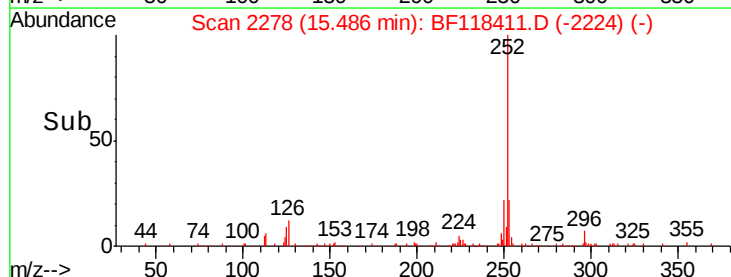
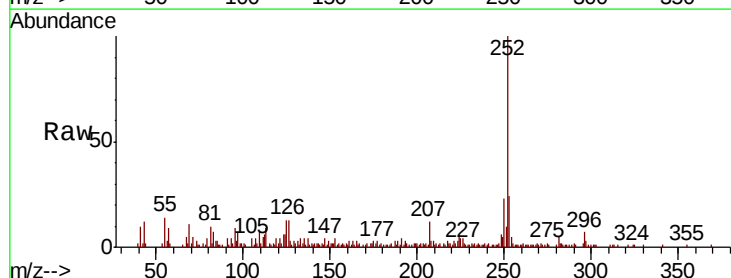
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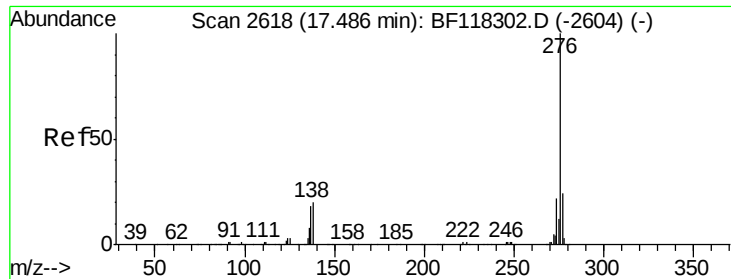
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#90
Benzo(a)pyrene
Concen: 3.785 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118411.D
Acq: 31 Dec 2019 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	13.3	9.0	13.4





#92
 Benzo(a,h,i)perylene
 Concen: 2.543 ng
 RT: 17.53 min Scan# 2625
 Delta R.T. 0.04 min
 Lab File: BF118411.D
 Acq: 31 Dec 2019 17:59

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Tot Ion:	276	Resp:	25529
Ion Ratio	Lower	Upper	
276	100		
277	25.8	19.1	28.7
138	23.7	16.1	24.1

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