

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF033020\
 Data File : BF119635.D
 Acq On : 30 Mar 2020 16:17
 Operator : MA/SJ
 Sample : L2049-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(1-3)

Manual Integrations
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Quant Time: Apr 09 16:14:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	326115	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1177759	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	549966	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	886539	20.00	ng	0.00
76) Chrysene-d12	14.01	240	567468	20.00	ng	0.00
87) Perylene-d12	15.48	264	545774	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1626990	79.42	ng	0.00
7) Phenol-d6	6.46	99	2203119	84.19	ng	0.00
23) Nitrobenzene-d5	7.39	82	1095036	50.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	279298	49.23	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2379870	64.11	ng	0.00
79) Terphenyl-d14	12.96	244	1945407	67.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.59	163	333378	8.534	ng	100
71) Phenanthrene	11.39	178	394819	8.589	ng	96
75) Fluoranthene	12.58	202	693617	13.942	ng	98
78) Pyrene	12.81	202	654200	14.047	ng	97
81) Benzo(a)anthracene	14.00	228	344425	9.334	ng	98
83) Chrysene	14.04	228	328813	8.634	ng	97
86) Indeno(1,2,3-cd)pyrene	16.93	276	176354	4.917	ng	99
88) Benzo(b)fluoranthene	15.05	252	453833m	12.448	ng	
89) Benzo(k)fluoranthene	15.07	252	123277m	3.551	ng	
90) Benzo(a)pyrene	15.42	252	303931	9.173	ng	99
92) Benzo(g,h,i)perylene	17.37	276	166533	5.720	ng	97

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

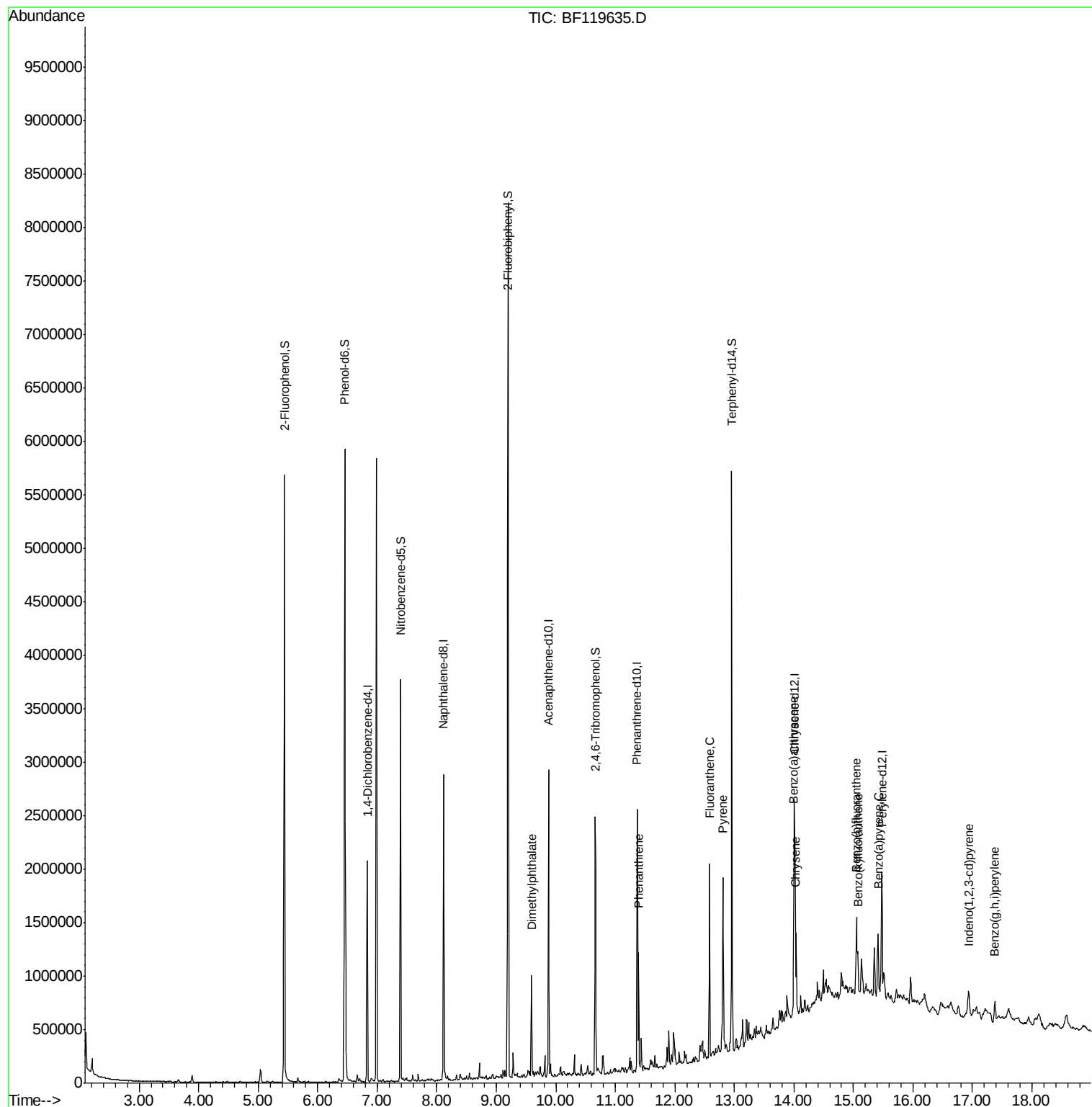
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF033020\
Data File : BF119635.D
Acq On : 30 Mar 2020 16:17
Operator : MA/SJ
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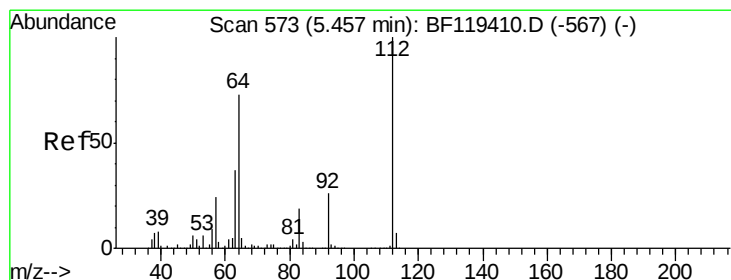
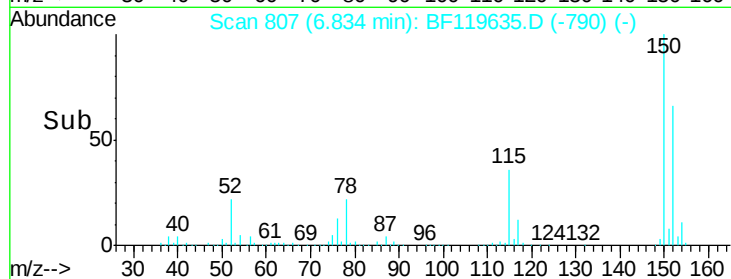
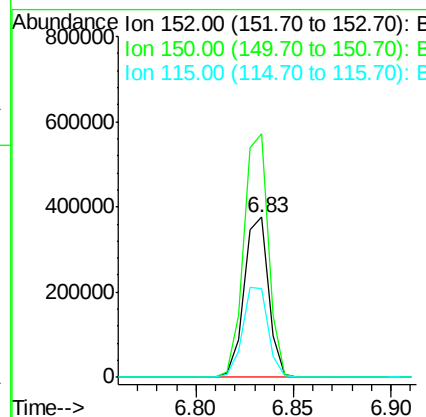
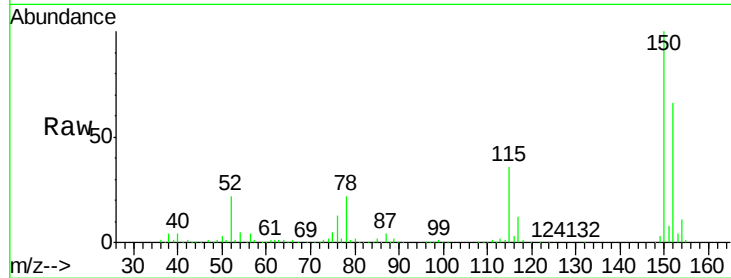
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119635.D
 Acq: 30 Mar 2020 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.5	186.7
115	55.5	49.6	74.4

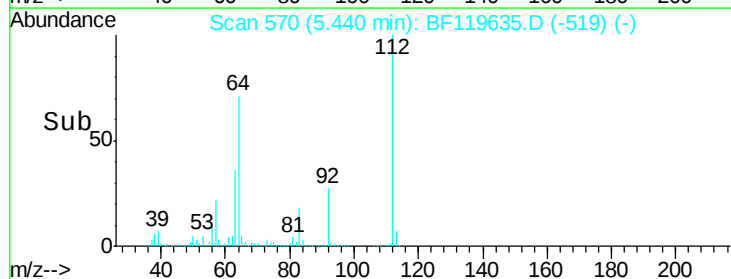
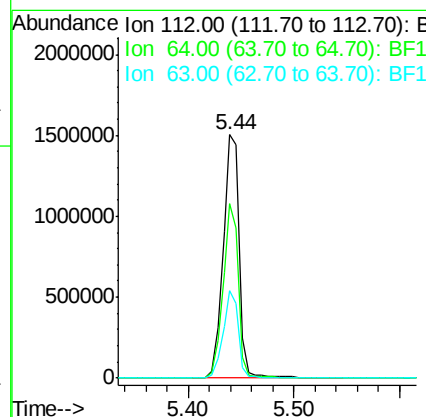
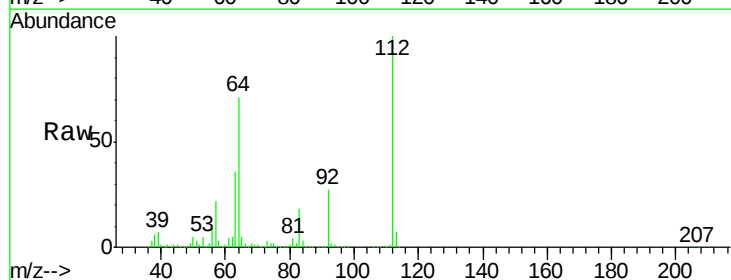
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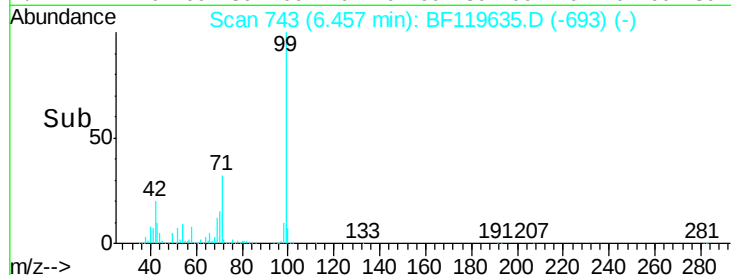
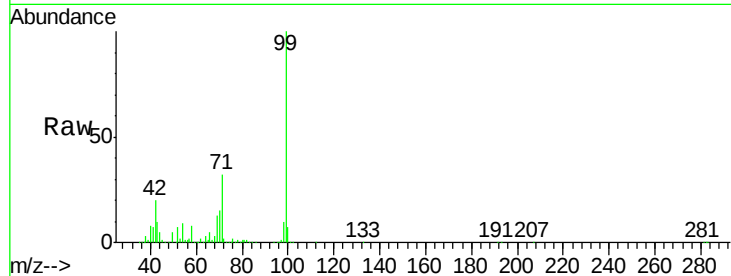
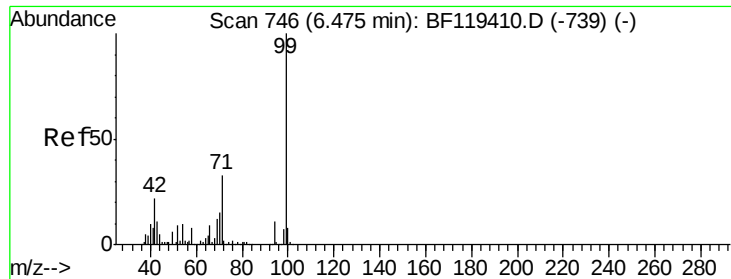
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#5
 2-Fluorophenol
 Concen: 79.420 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF119635.D
 Acq: 30 Mar 2020 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	56.7	85.1
63	35.9	29.5	44.3





#7

Phenol-d6

Concen: 84.187 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119635.D

Acq: 30 Mar 2020 16:17

Tot Ion: 99 Resp: 2203119

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

71 31.6 26.4 39.6

Instrument :

BNA_F

ClientSampled :

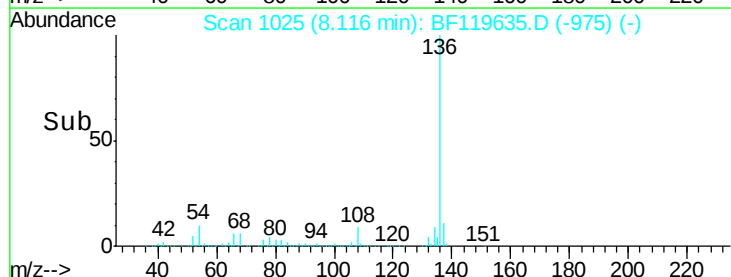
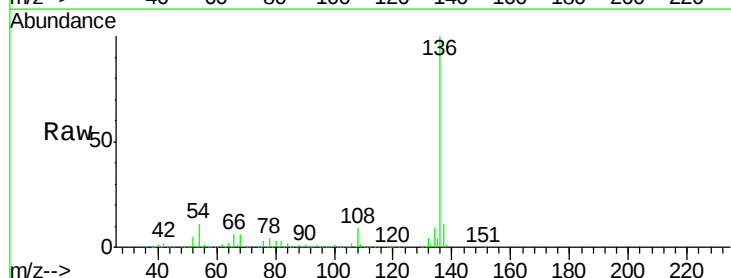
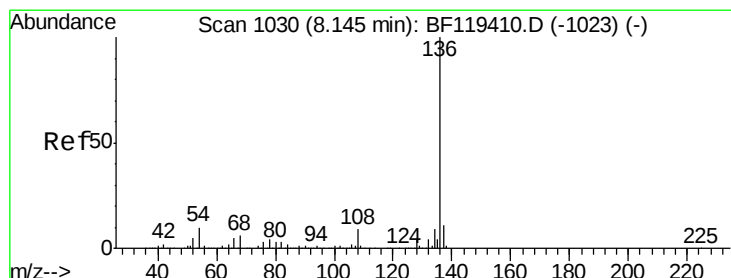
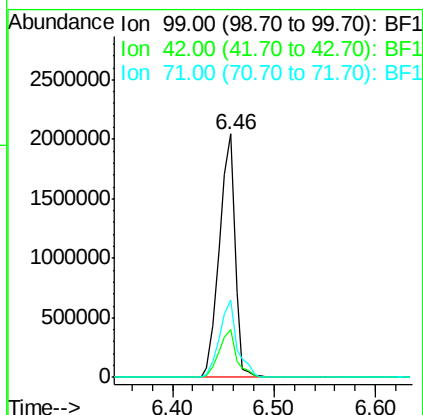
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119635.D

Acq: 30 Mar 2020 16:17

Tgt Ion: 136 Resp: 1177759

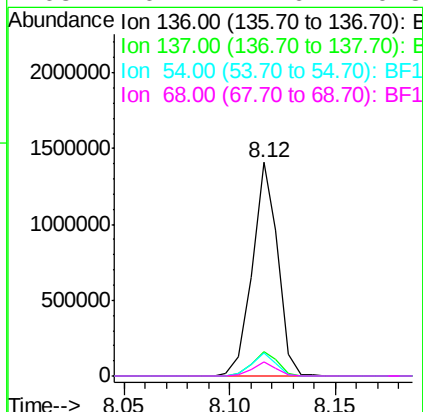
Ion Ratio Lower Upper

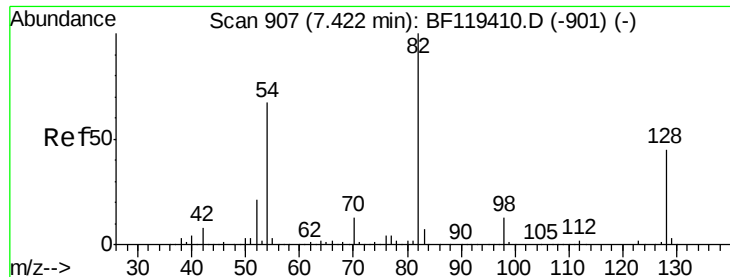
136 100

137 11.4 8.7 13.1

54 10.5 9.1 13.7

68 6.4 4.6 6.8





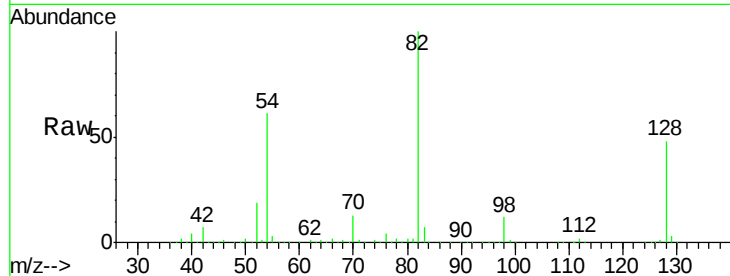
#23
Nitrobenzene-d5
Concen: 50.531 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Instrument :
BNA_F
ClientSampleId :
SB-4-(1-3)

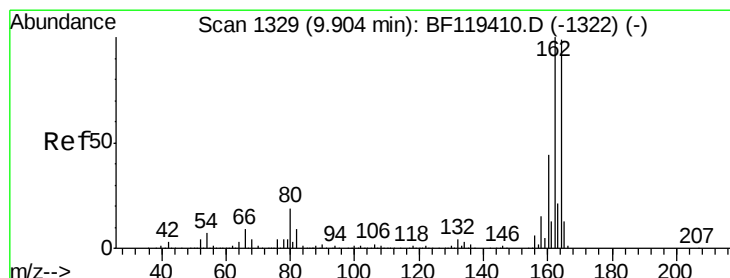
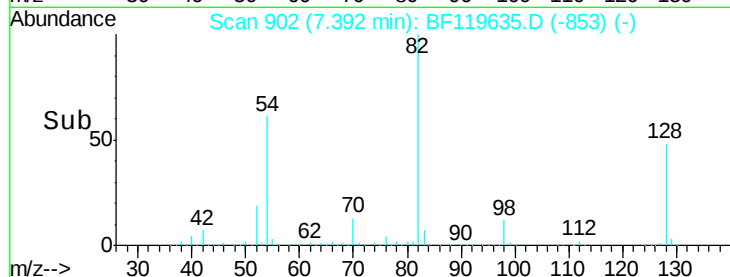
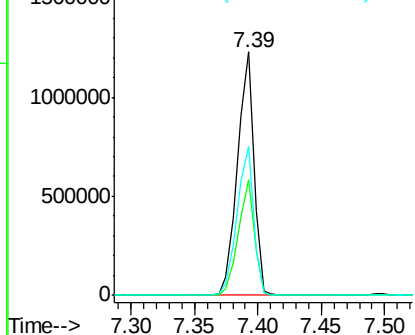
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	61.1	50.6	75.8

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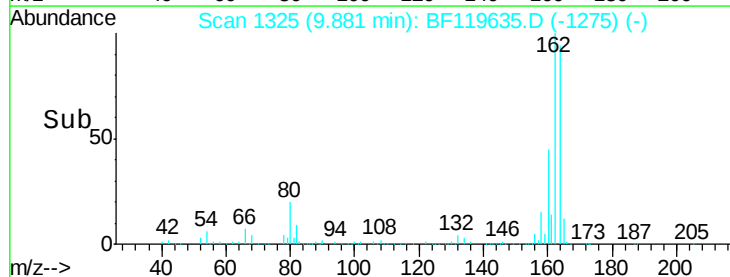
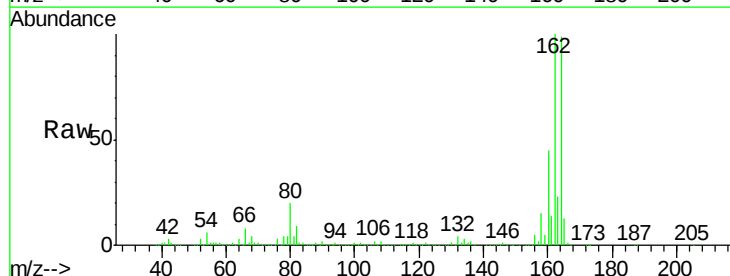
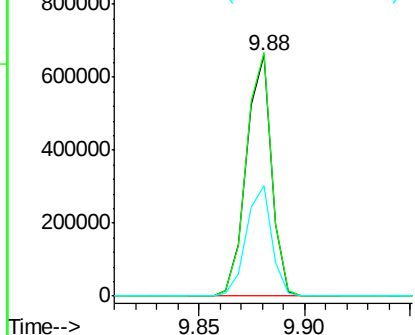
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	121.0
160	45.8	35.7	53.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





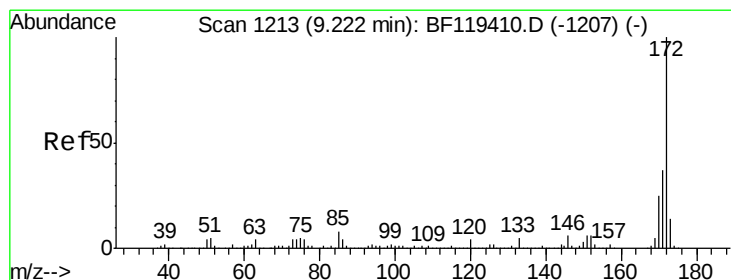
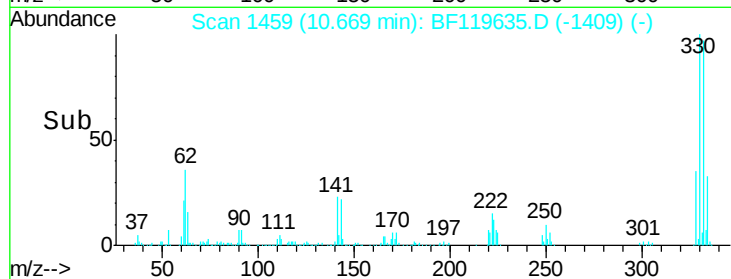
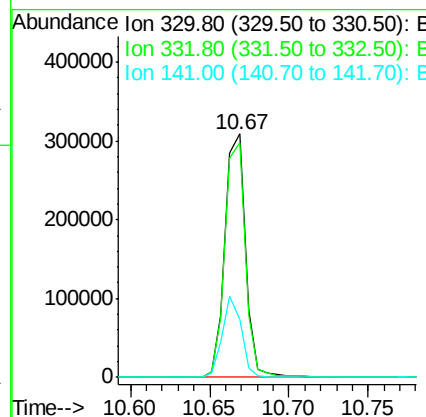
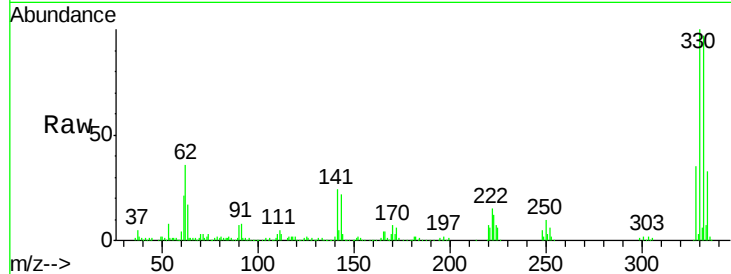
#42
 2,4,6-Tribromophenol
 Concen: 49.226 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119635.D
 Acq: 30 Mar 2020 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(1-3)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	279298		
332	97.2	75.7	113.5	
141	30.5	25.4	38.0	

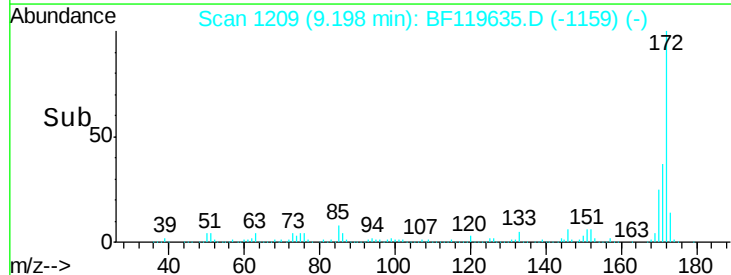
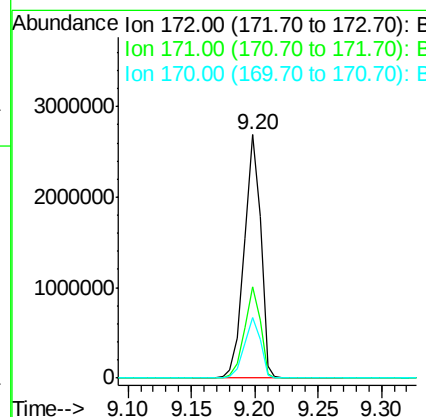
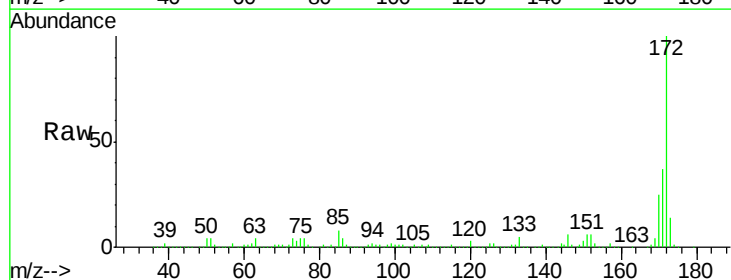
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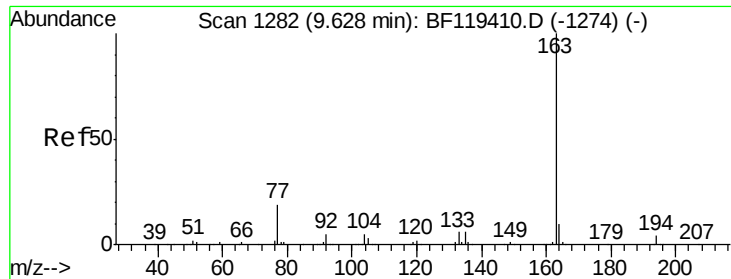
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#45
 2-Fluorobiphenyl
 Concen: 64.108 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119635.D
 Acq: 30 Mar 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2379870		
171	37.4	29.6	44.4	
170	25.1	20.2	30.2	





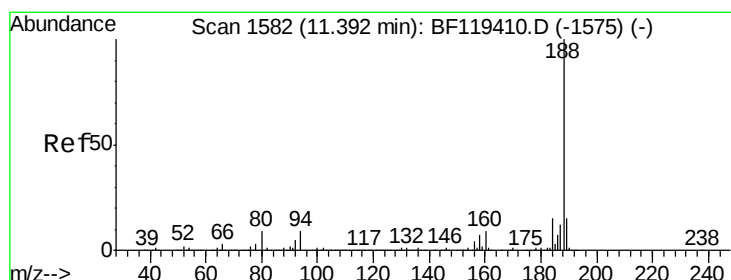
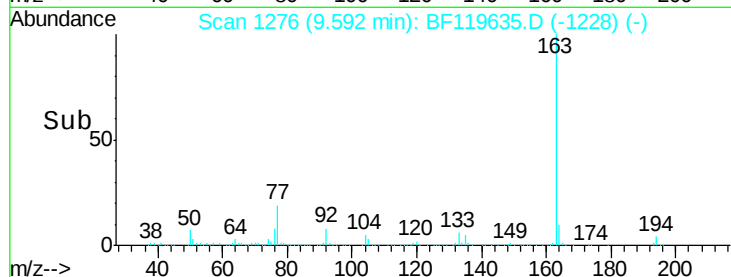
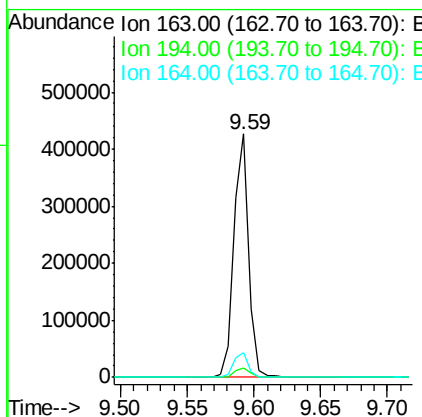
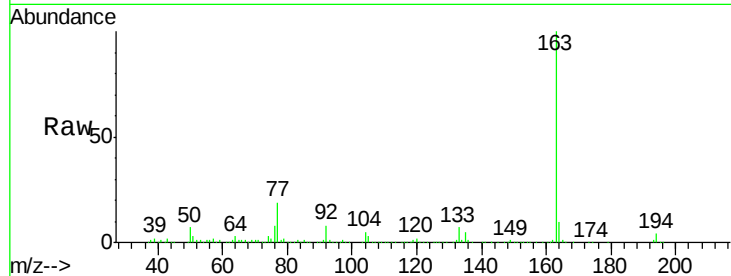
#50
Dimethylphthalate
Concen: 8.534 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Instrument :
BNA_F
ClientSampled :
SB-4-(1-3)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	333378		
194	3.8		3.1	4.7
164	10.0		8.2	12.2

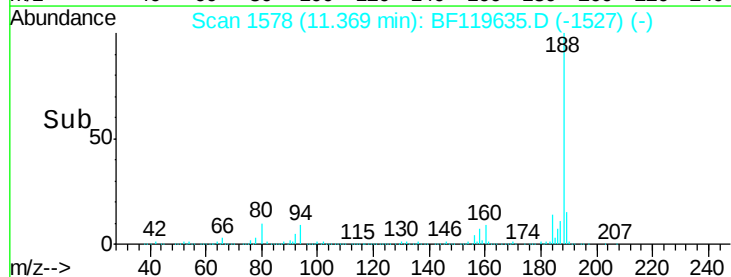
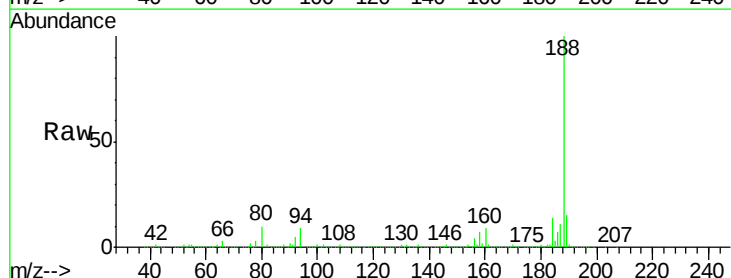
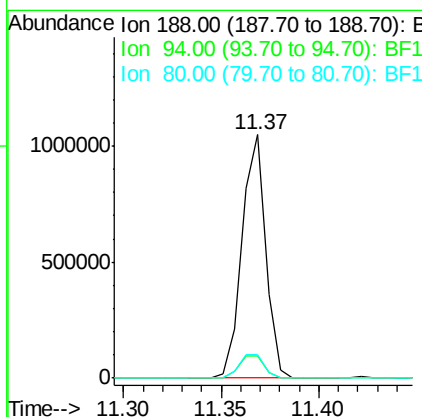
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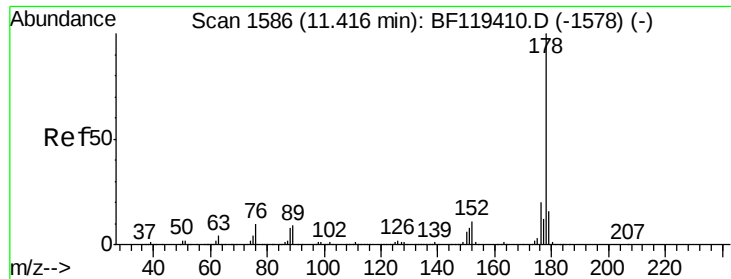
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	886539		
94	9.2		7.5	11.3
80	9.7		9.0	13.4





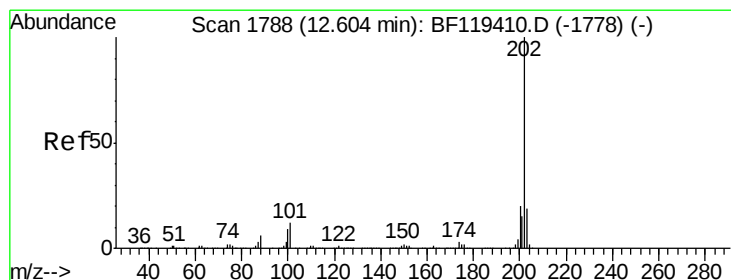
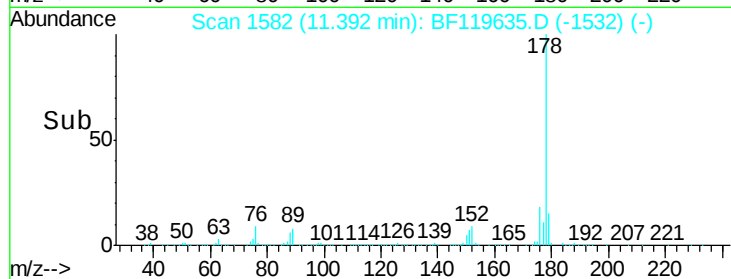
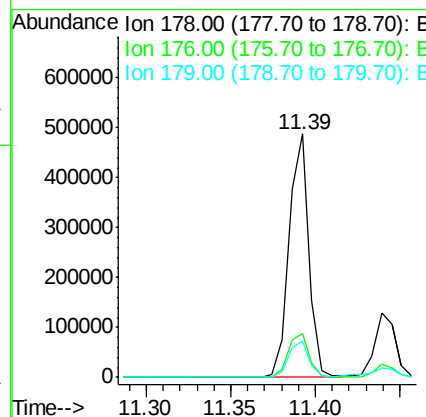
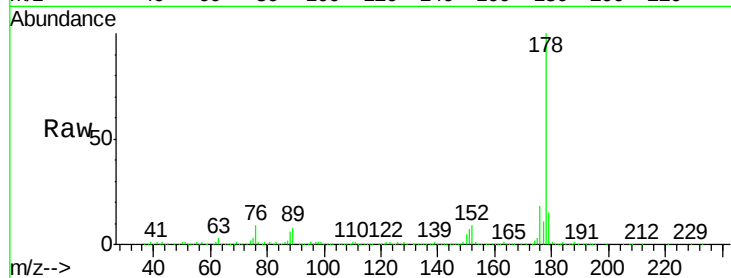
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Phenanthrene
Concen: 8.589 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Instrument :
BNA_F
ClientSampleId :
SB-4-(1-3)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.2	24.4
179	15.1	13.2	19.8

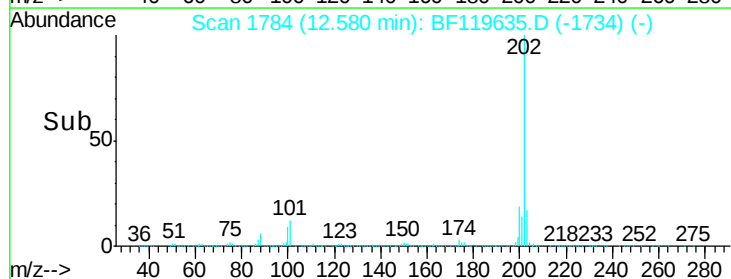
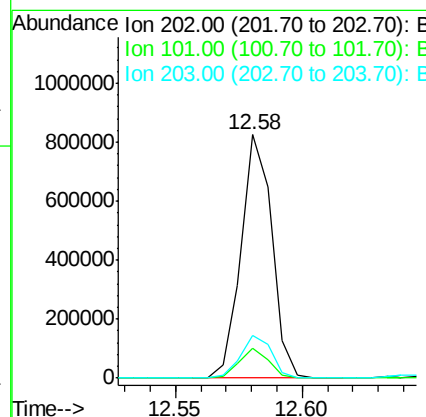
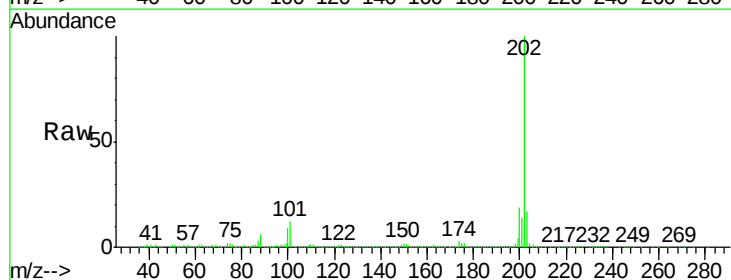
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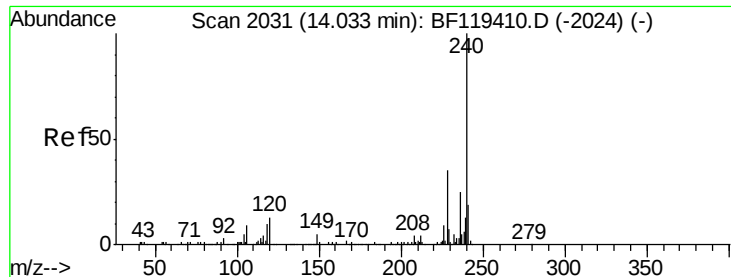
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#75
Fluoranthene
Concen: 13.942 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.2
203	17.4	0.0	38.8





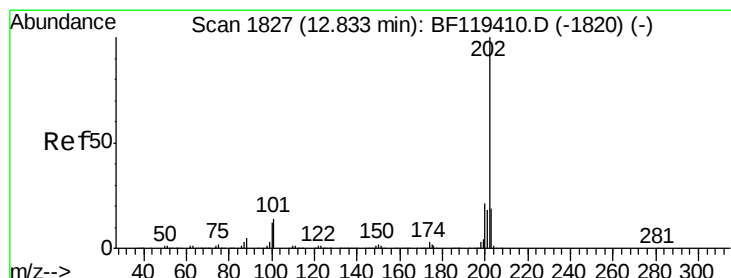
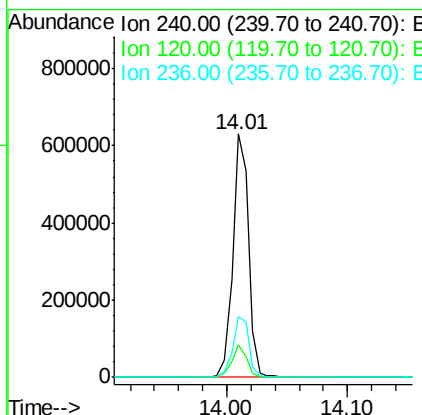
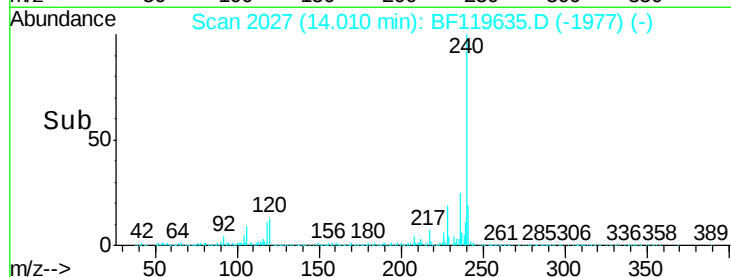
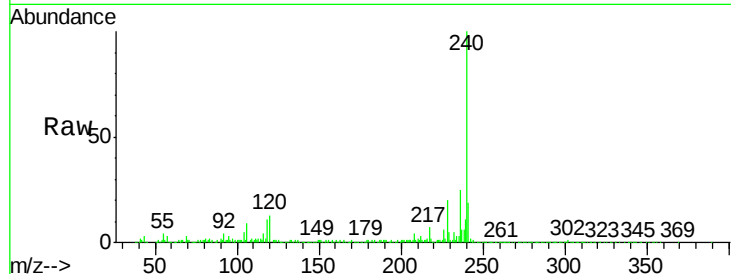
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Instrument :
BNA_F
ClientSampleId :
SB-4-(1-3)

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	10.6	15.8
236	24.9	20.2	30.2

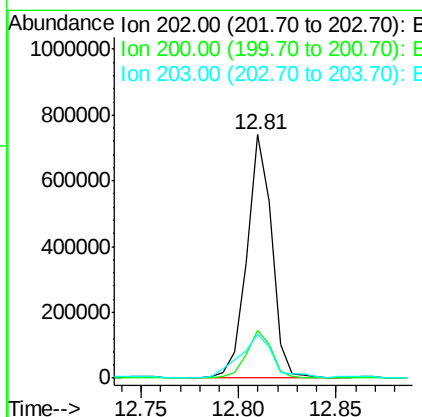
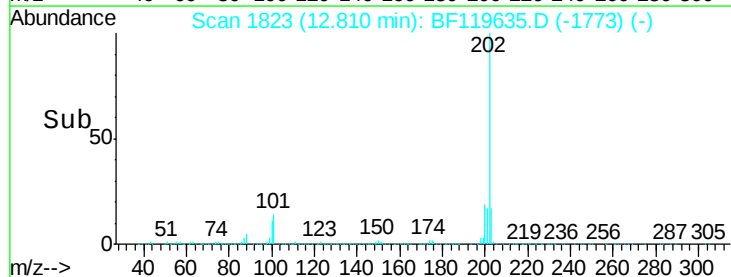
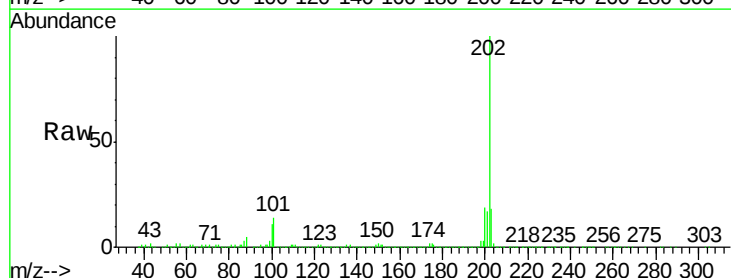
Manual Integrations
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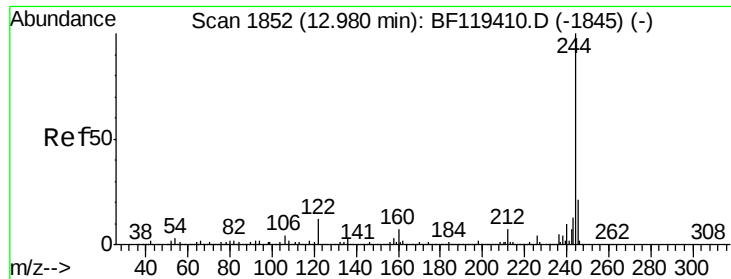
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#78
Pyrene
Concen: 14.047 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.8	25.2
203	17.8	15.1	22.7





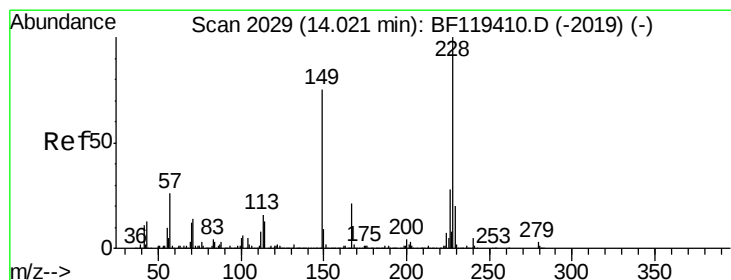
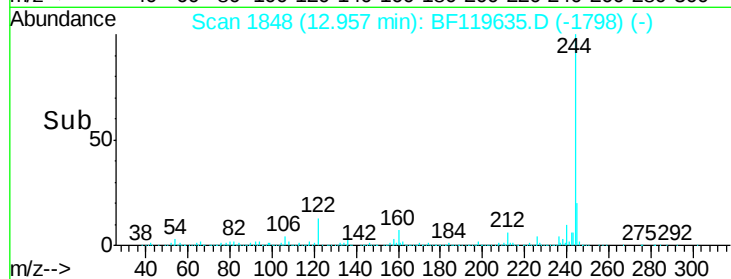
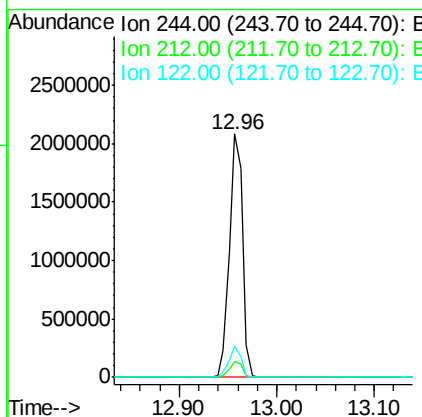
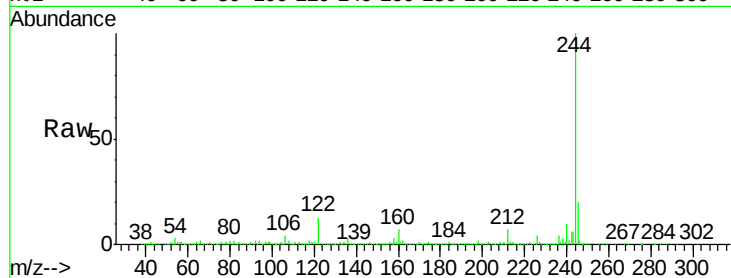
#79
 Terphenyl-d14
 Concen: 67.166 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119635.D
 Acq: 30 Mar 2020 16:17

Instrument :
 BNA_F
 ClientSampled :
 SB-4-(1-3)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	12.6	10.3	15.5

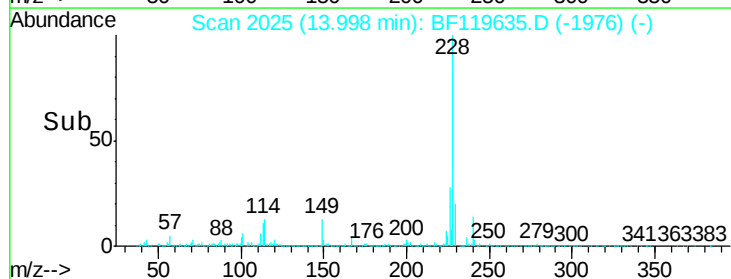
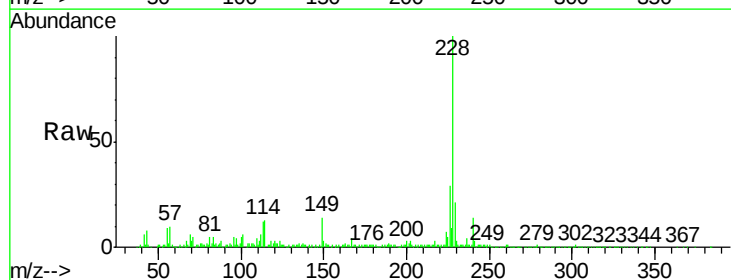
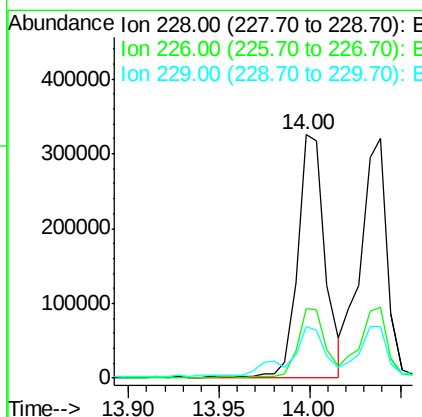
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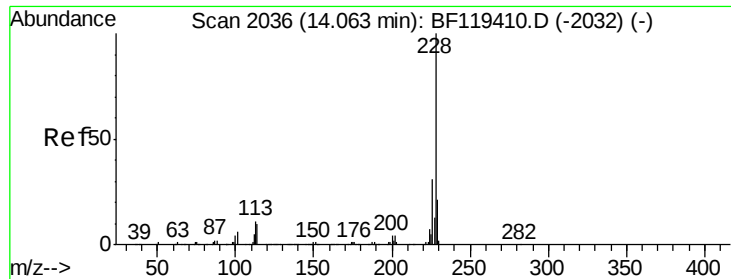
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#81
 Benzo(a)anthracene
 Concen: 9.334 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF119635.D
 Acq: 30 Mar 2020 16:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.8	32.8
229	21.1	16.2	24.4





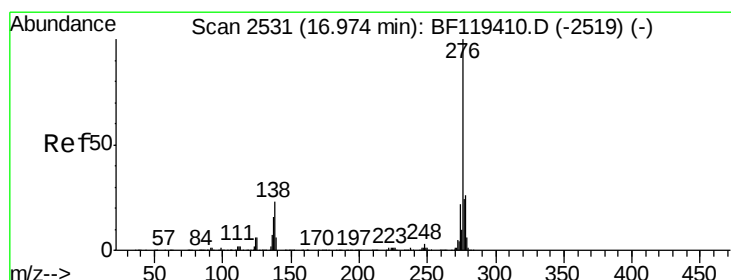
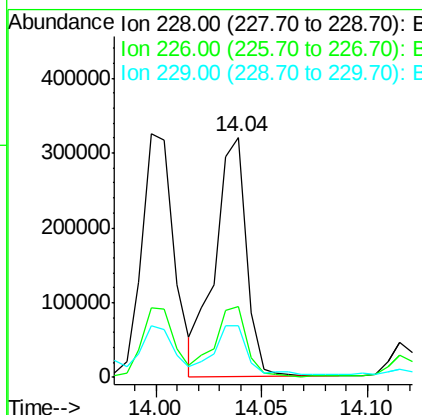
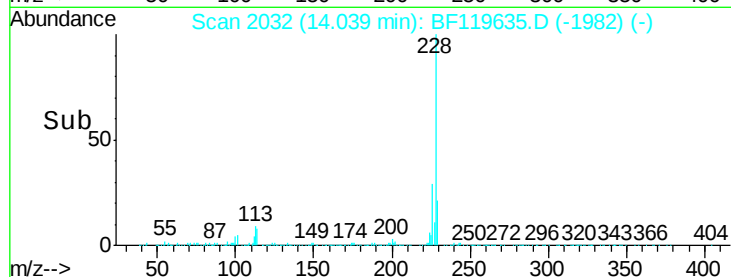
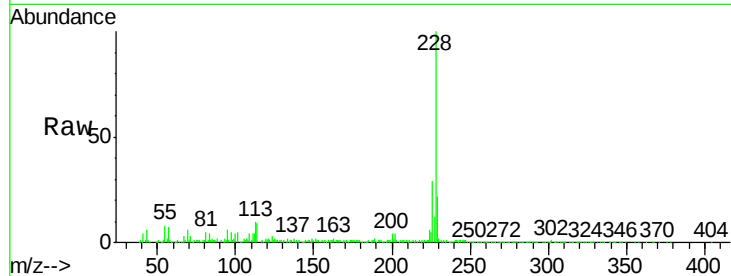
#83
Chrysene
Concen: 8.634 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Instrument :
BNA_F
ClientSampleId :
SB-4-(1-3)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.4	38.0
229	21.7	16.6	24.8

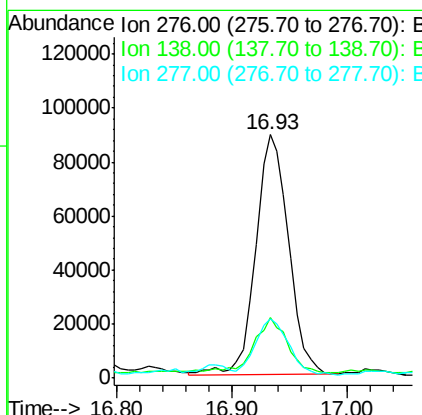
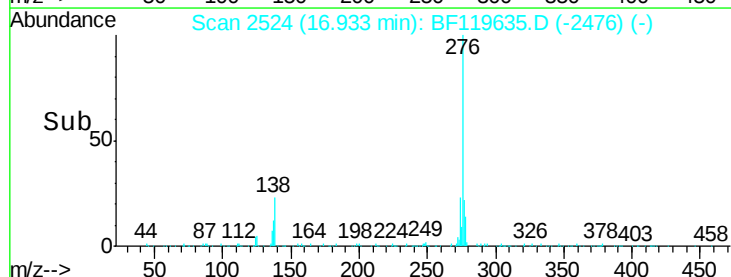
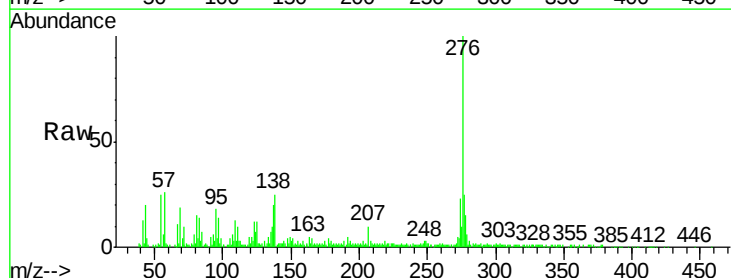
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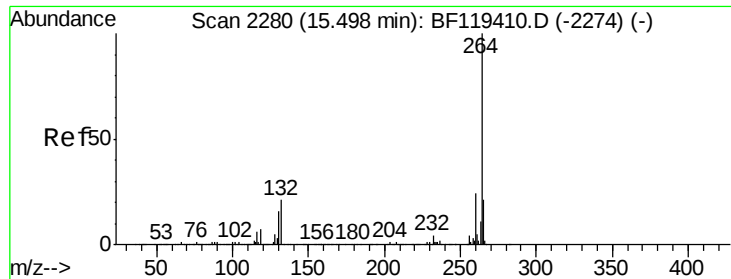
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.917 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.6	29.4
277	24.1	20.0	30.0





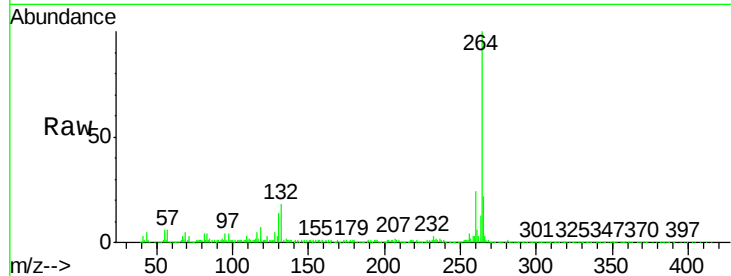
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Instrument :
BNA_F
ClientSampleId :
SB-4-(1-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.5	17.7	26.5

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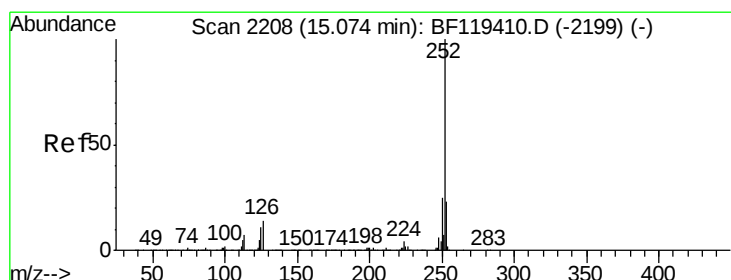
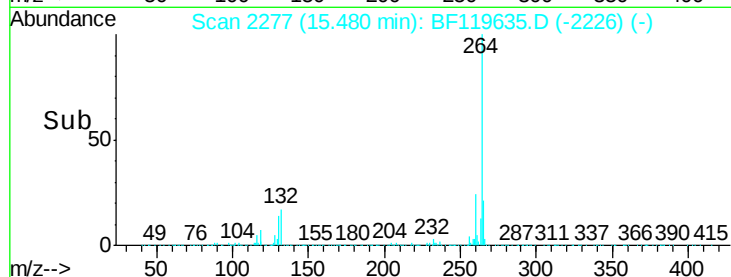
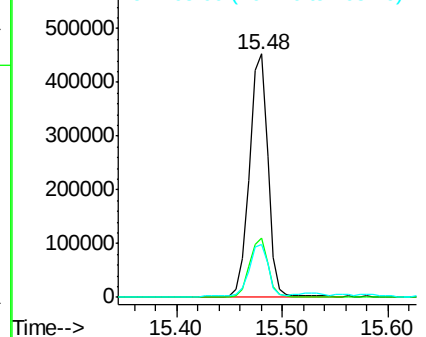


Abundance

Ion 264.00 (263.70 to 264.70): E

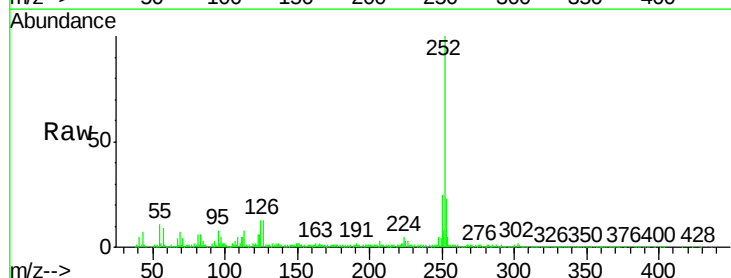
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 12.448 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	12.8	7.9	11.9#

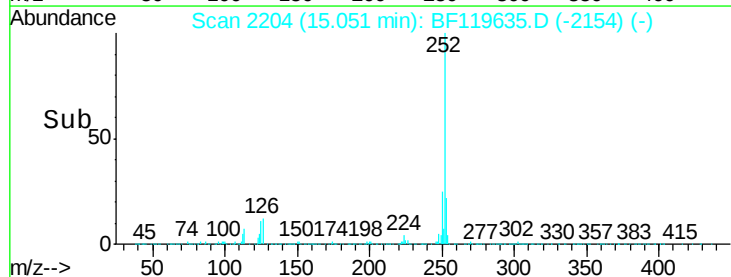
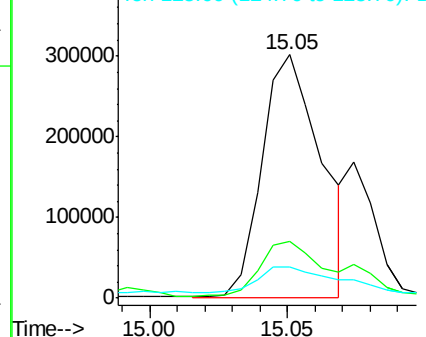


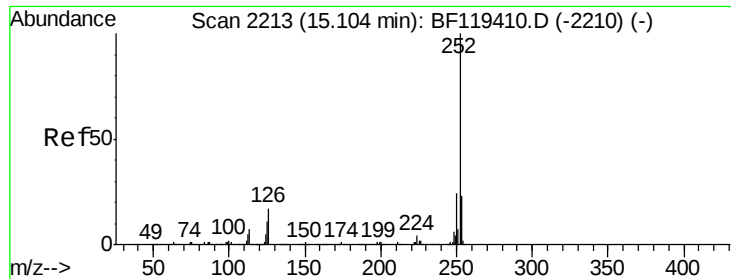
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





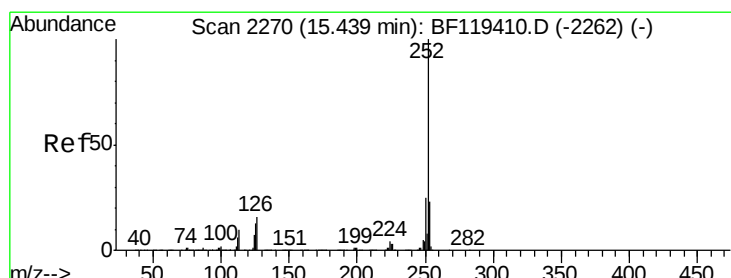
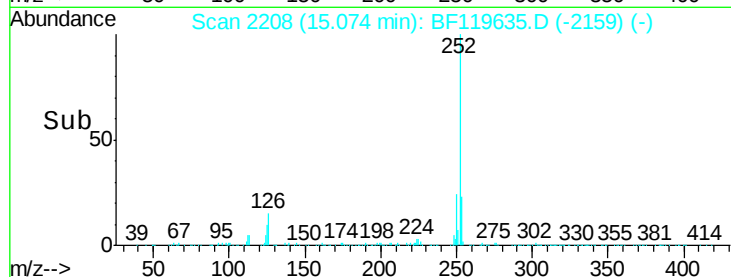
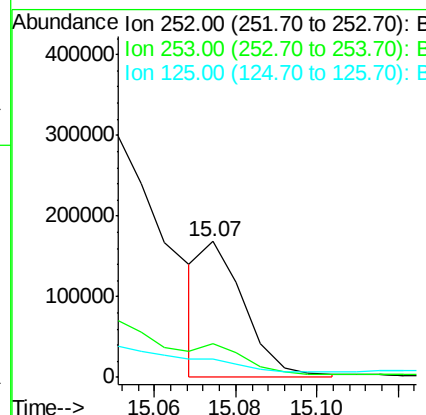
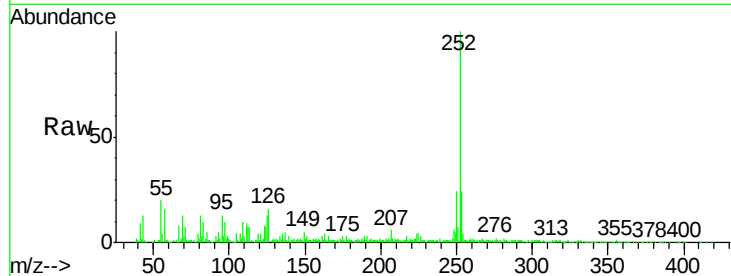
#89
Benzo(k)fluoranthene
Concen: 3.551 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Instrument :
BNA_F
ClientSampleId :
SB-4-(1-3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	13.5	8.4	12.6

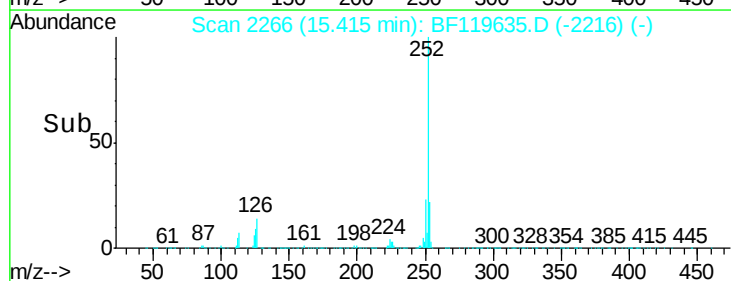
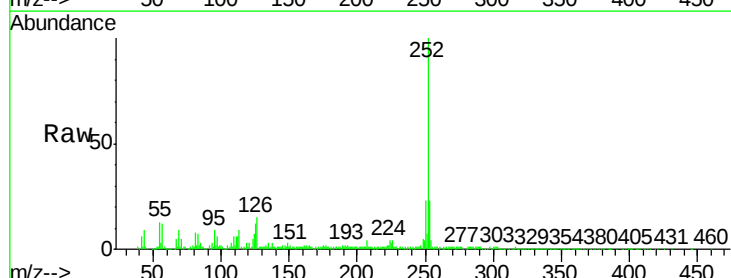
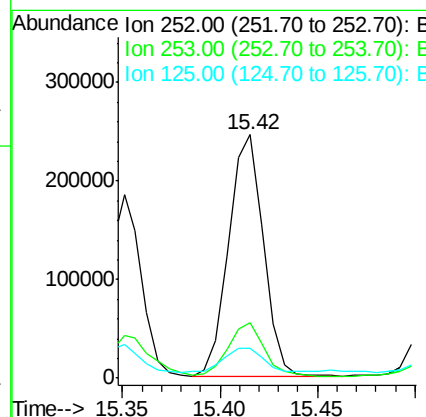
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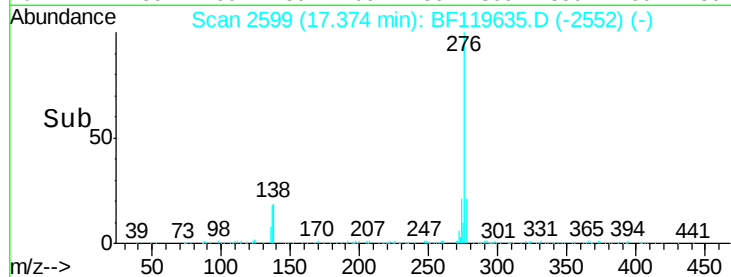
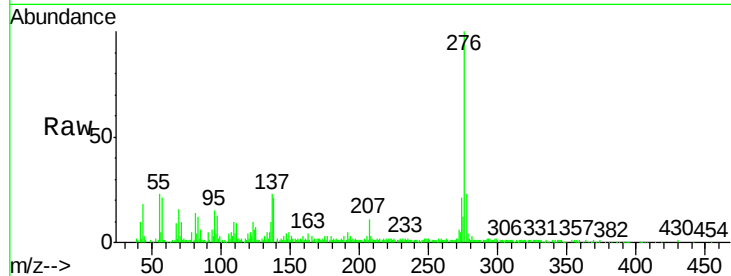
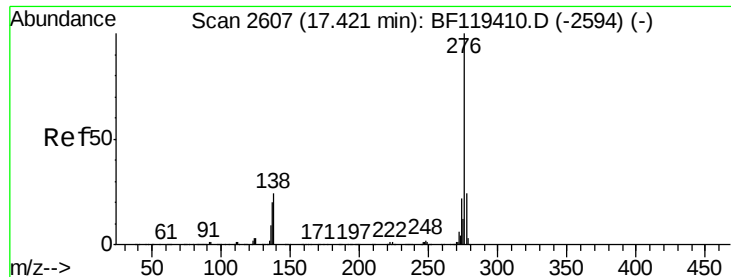
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#90
Benzo(a)pyrene
Concen: 9.173 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF119635.D
Acq: 30 Mar 2020 16:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	12.3	9.4	14.2





#92
 Benzo(a,h,i)perylene
 Concen: 5.720 ng
 RT: 17.37 min Scan# 2599
 Delta R.T. -0.02 min
 Lab File: BF119635.D
 Acq: 30 Mar 2020 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(1-3)

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.4	27.6
138	21.5	15.4	23.0

Manual Integrations
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