

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122454.D
 Acq On : 23 Nov 2020 18:51
 Operator : JU/CG
 Sample : L4836-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Manual Integrations
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Quant Time: Nov 24 00:27:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	183193	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	690301	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	339744	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	554796	20.00	ng	# 0.00
76) Chrysene-d12	14.045	240	465607	20.00	ng	0.00
86) Perylene-d12	15.521	264	549286	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1007712	84.47	ng	0.00
7) Phenol-d6	6.492	99	1258146	80.61	ng	-0.02
23) Nitrobenzene-d5	7.422	82	752994	66.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	317535	87.08	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1283491	59.03	ng	0.00
79) Terphenyl-d14	12.986	244	1137147	51.74	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.504	94	57905	3.77	ng	82
50) Dimethylphthalate	9.622	163	195413	8.09	ng	# 99
71) Phenanthrene	11.422	178	142452	4.53	ng	97
75) Fluoranthene	12.616	202	320219	9.74	ng	96
78) Pyrene	12.839	202	306120	9.36	ng	98
81) Benzo(a)anthracene	14.033	228	137496	4.75	ng	94
83) Chrysene	14.068	228	139157	4.77	ng	96
87) Indeno(1,2,3-cd)pyrene	16.992	276	124326m	3.77	ng	
88) Benzo(b)fluoranthene	15.086	252	217439m	6.11	ng	
89) Benzo(k)fluoranthene	15.115	252	80349m	2.32	ng	
90) Benzo(a)pyrene	15.457	252	168686	5.44	ng	98
92) Benzo(g,h,i)perylene	17.433	276	119650	4.46	ng	97

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

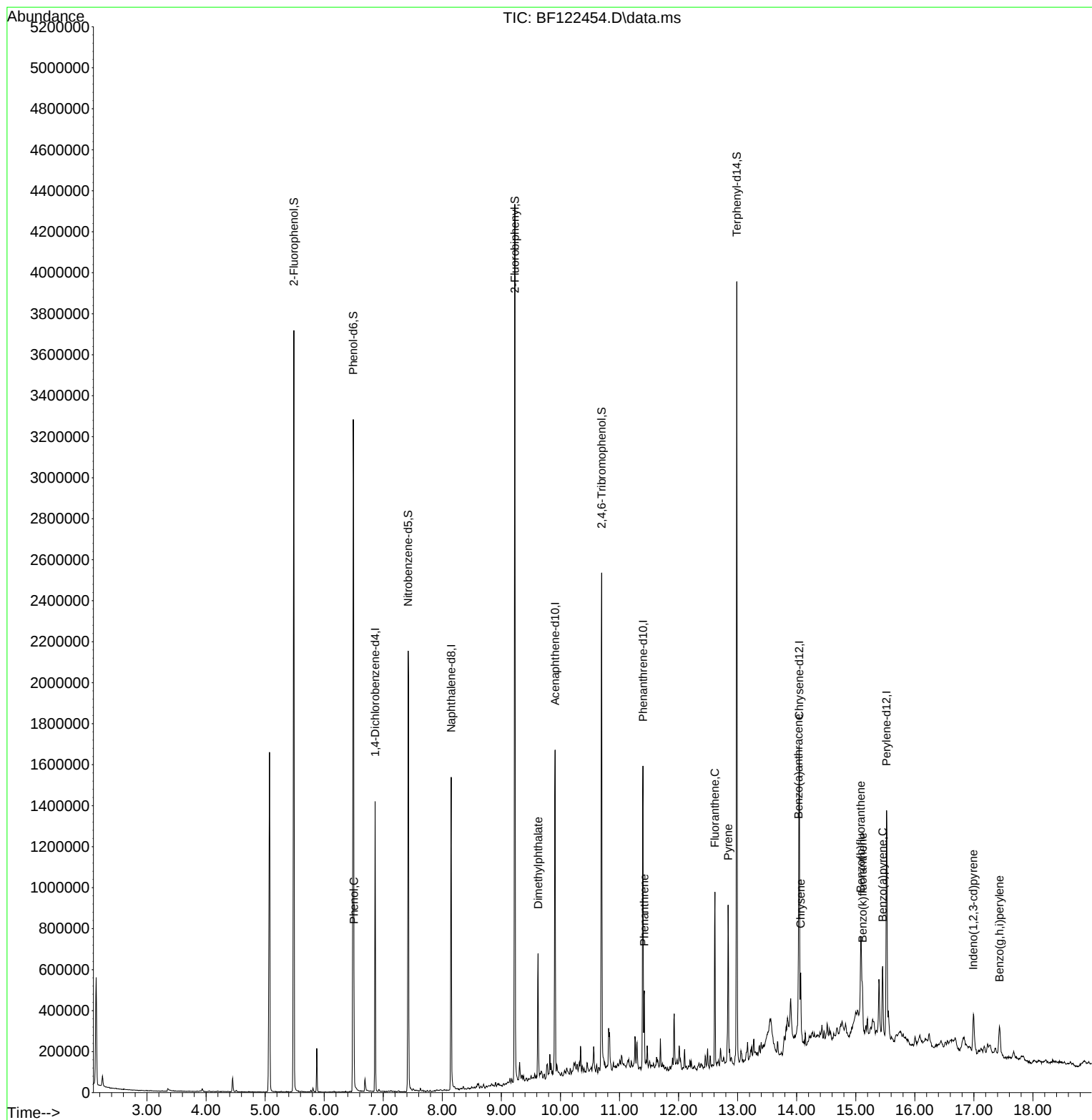
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122454.D
Acq On : 23 Nov 2020 18:51
Operator : JU/CG
Sample : L4836-02
Misc :
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Instrument :
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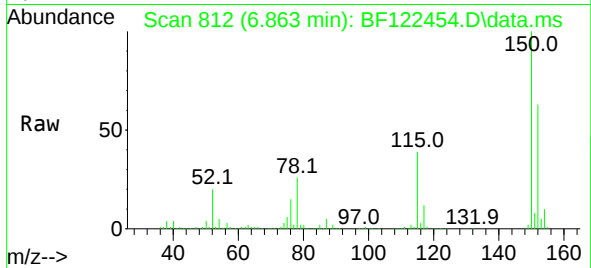
Quant Time: Nov 24 00:27:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

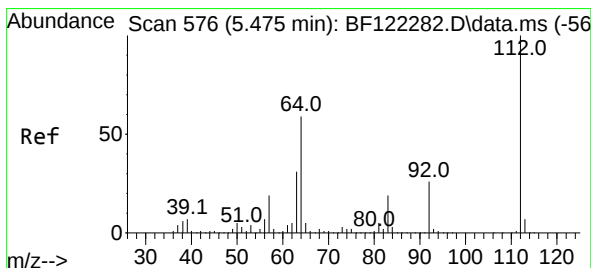
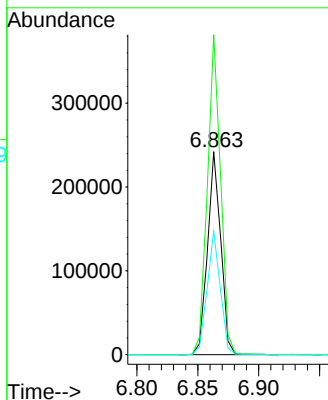
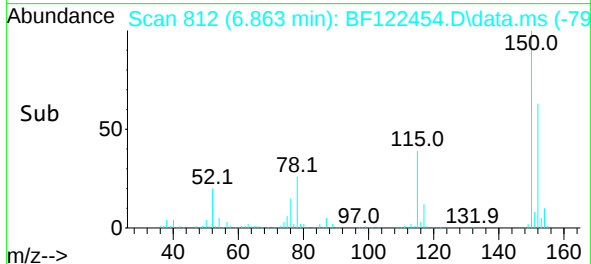
Instrument :
BNA_F
ClientSampled :
SB-02



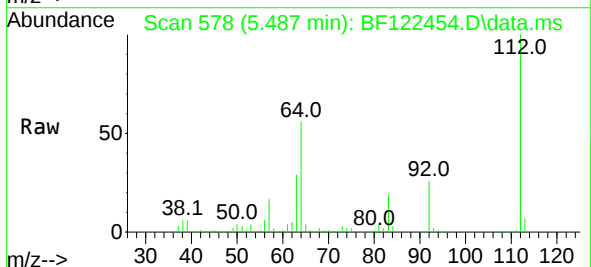
Tgt Ion:152 Resp: 183193
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 60.9 51.9 77.9

Manual Integrations
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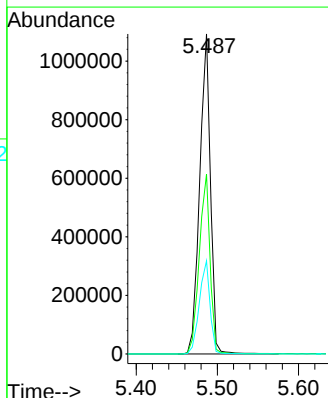
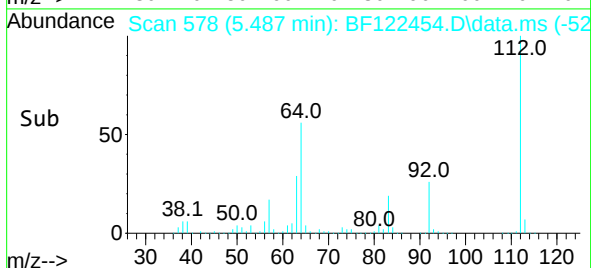
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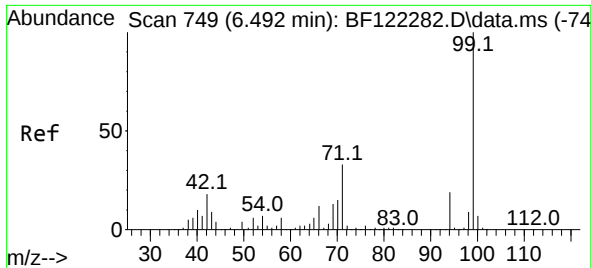


#5
2-Fluorophenol
Concen: 84.47 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

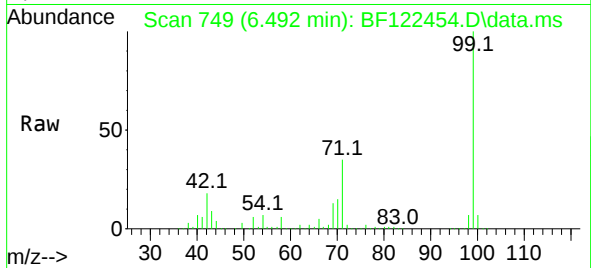


Tgt Ion:112 Resp: 1007712
Ion Ratio Lower Upper
112 100
64 56.2 50.4 75.6
63 29.1 25.8 38.6

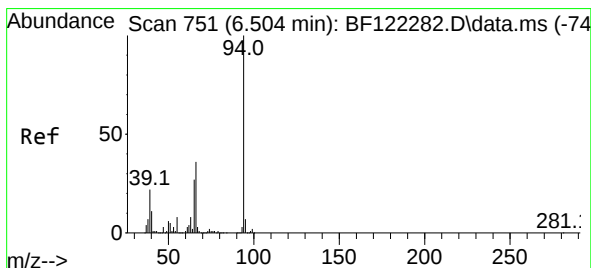
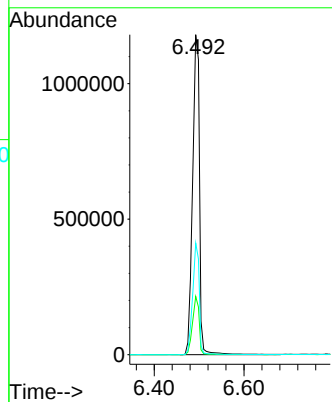
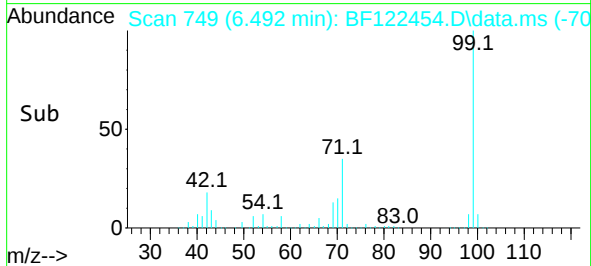




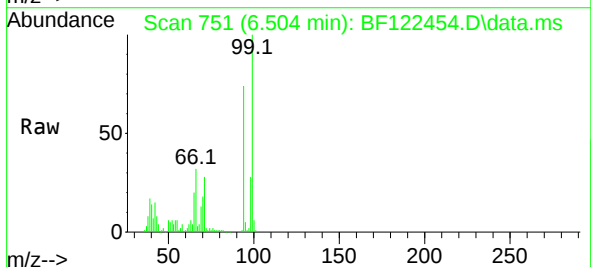
#7
Phenol-d6
Concen: 80.61 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51



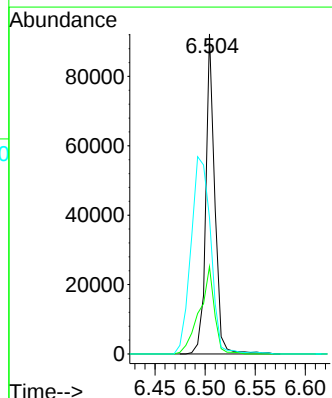
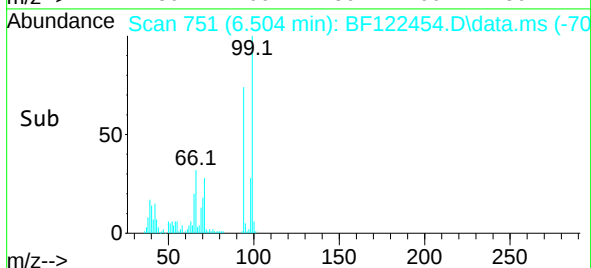
Tgt Ion: 99 Resp: 1258146
Ion Ratio Lower Upper
99 100
42 18.2 15.9 23.9
71 34.9 27.1 40.7



#10
Phenol
Concen: 3.77 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51



Tgt Ion: 94 Resp: 57905
Ion Ratio Lower Upper
94 100
65 27.3 17.1 57.1
66 42.6 36.0 76.0



Instrument :
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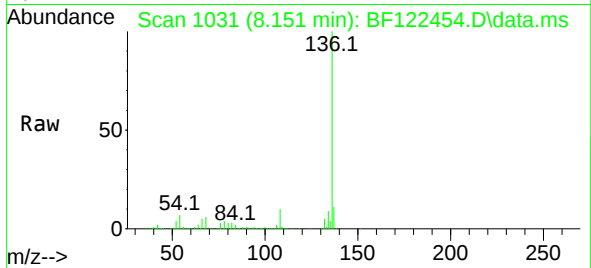
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

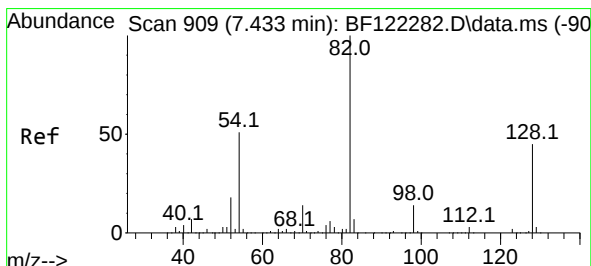
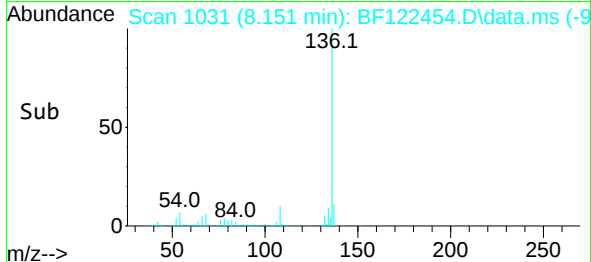
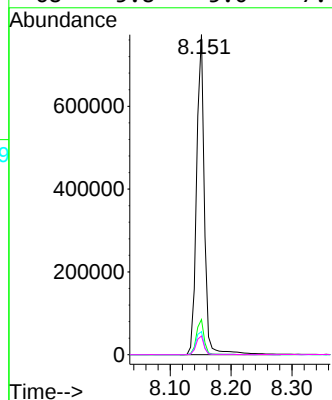
Instrument :
BNA_F
ClientSampled :
SB-02



Tgt Ion:	136	Resp:	690301
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	7.2	7.1	10.7
68	5.8	5.0	7.4

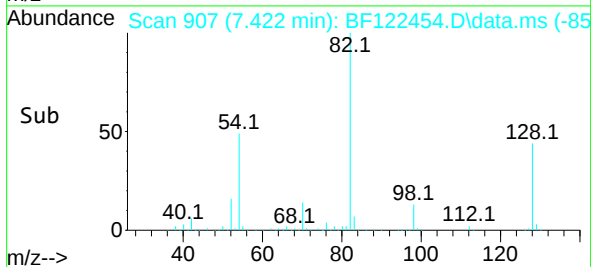
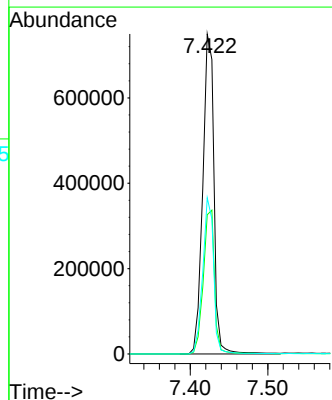
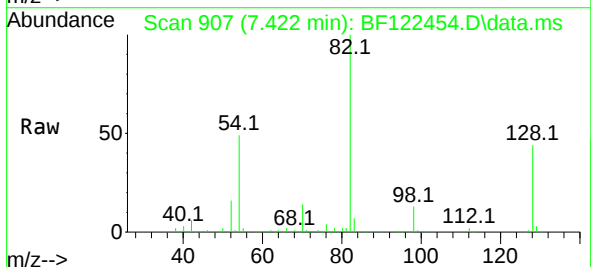
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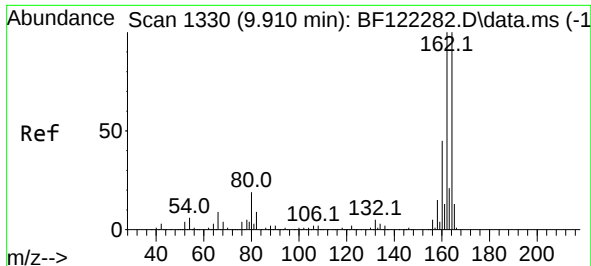
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#23
Nitrobenzene-d5
Concen: 66.78 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

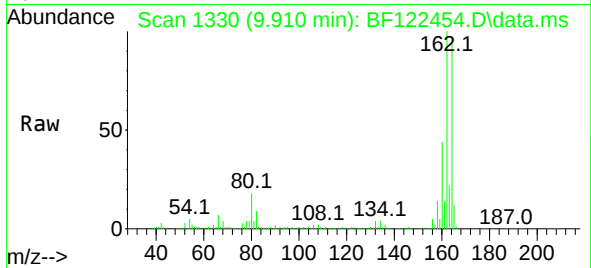
Tgt Ion:	82	Resp:	752994
Ion Ratio	Lower	Upper	
82	100		
128	43.5	35.0	52.4
54	48.8	43.9	65.9





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

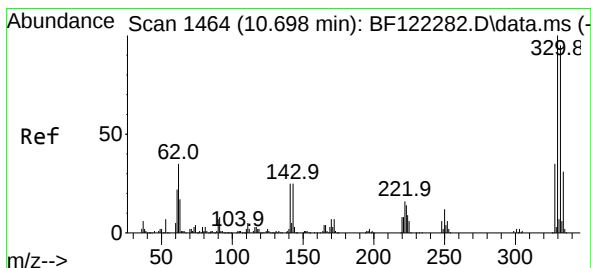
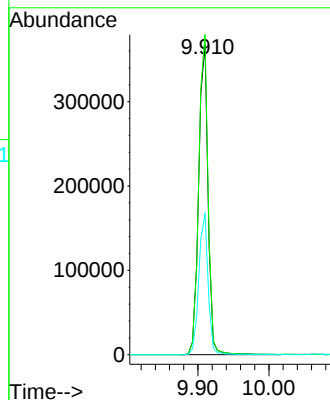
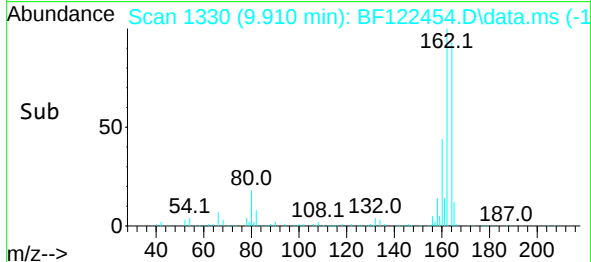
Instrument :
BNA_F
ClientSampled :
SB-02



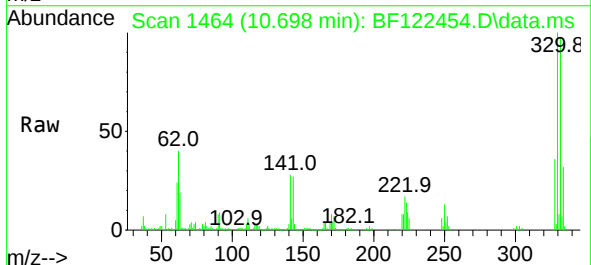
Tgt Ion:164 Resp: 339744
Ion Ratio Lower Upper
164 100
162 103.2 83.2 124.8
160 45.3 37.5 56.3

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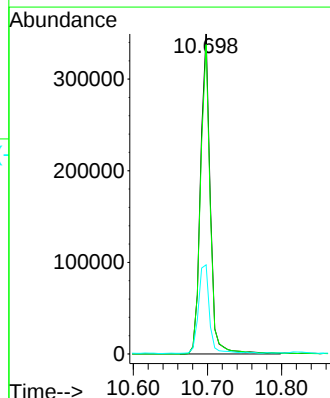
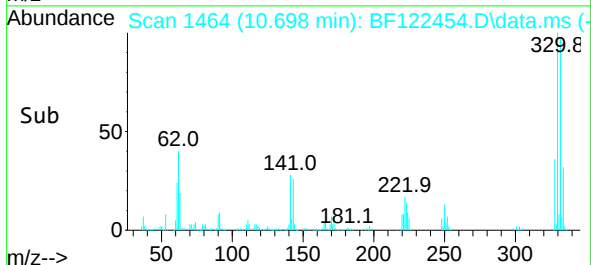
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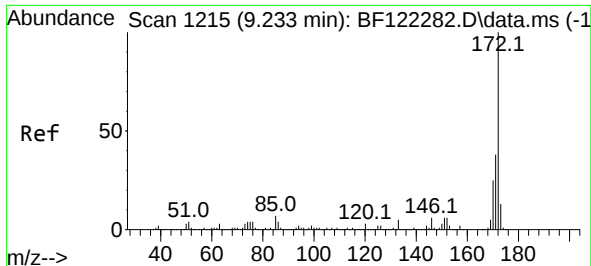


#42
2,4,6-Tribromophenol
Concen: 87.08 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51



Tgt Ion:330 Resp: 317535
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.8 22.3 33.5





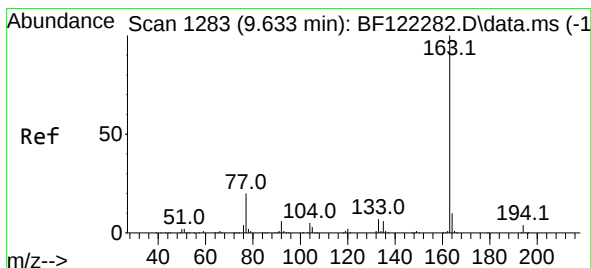
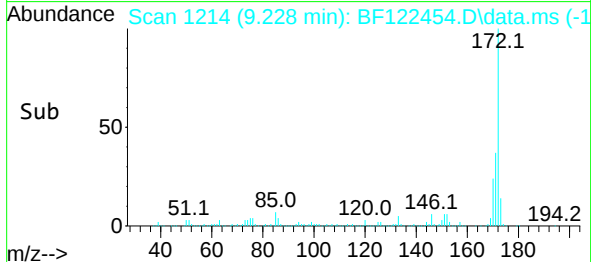
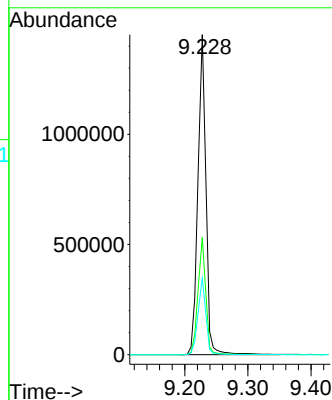
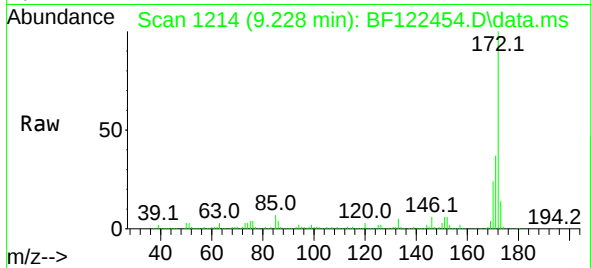
#45
2-Fluorobiphenyl
Concen: 59.03 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:172 Resp: 1283491
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 23.9 19.8 29.6

Instrument :
BNA_F
ClientSampleId :
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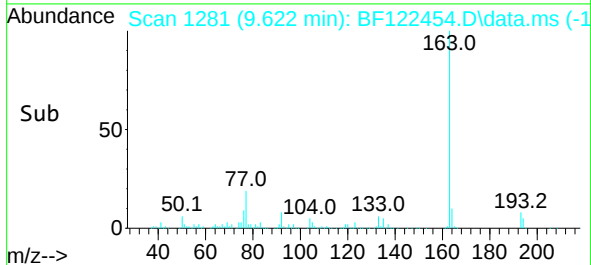
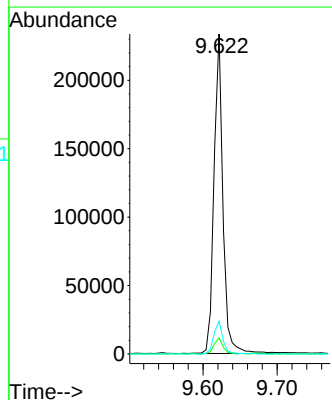
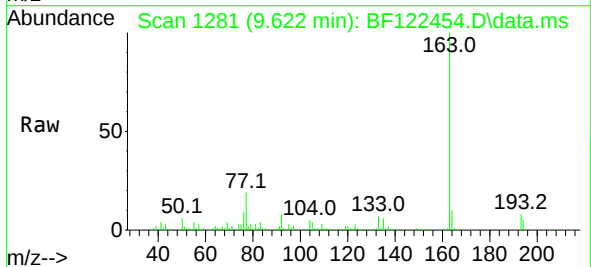
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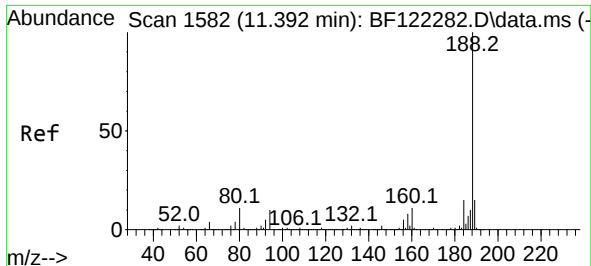
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#50
Dimethylphthalate
Concen: 8.09 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

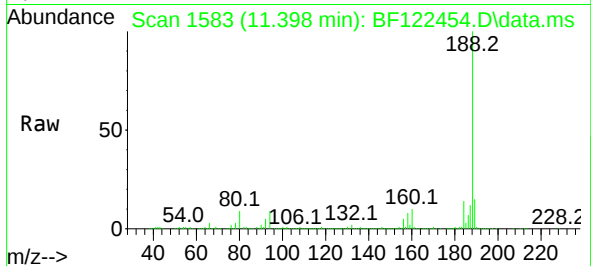
Tgt Ion:163 Resp: 195413
Ion Ratio Lower Upper
163 100
194 5.1 3.3 4.9#
164 10.3 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

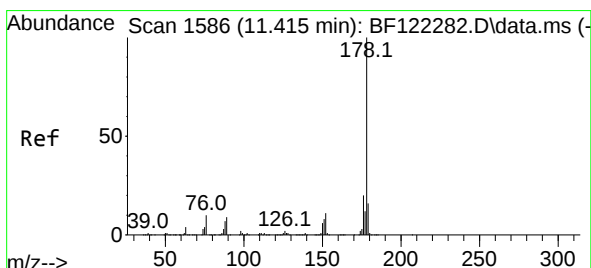
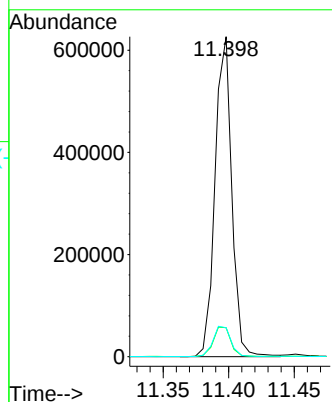
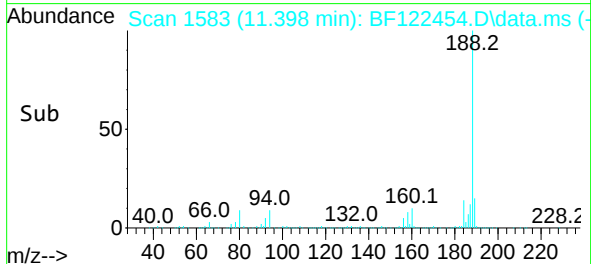
Instrument :
BNA_F
ClientSampled :
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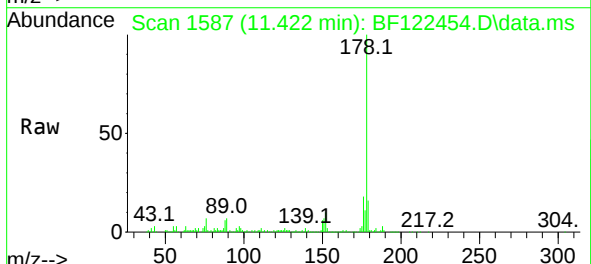
Tgt Ion:188 Resp: 554796
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.1 9.1 13.7#

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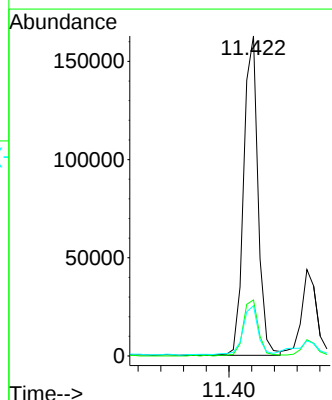
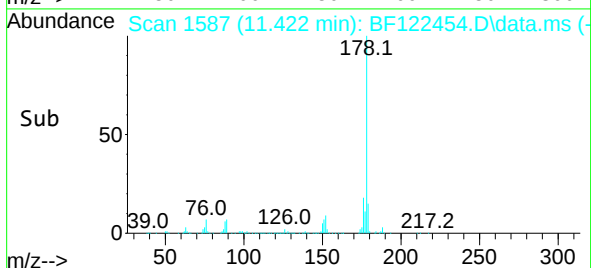
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11/25/2020 12:51:17 PM

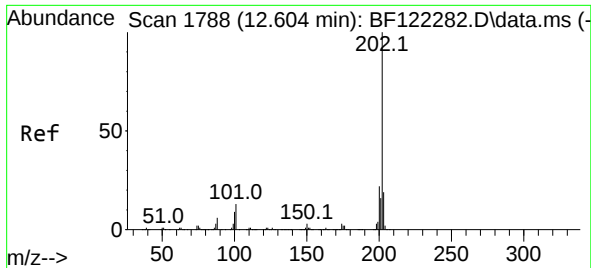


#71
Phenanthrene
Concen: 4.53 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51



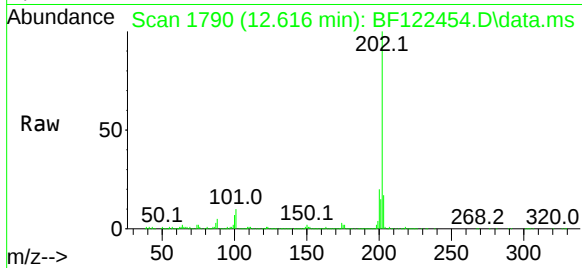
Tgt Ion:178 Resp: 142452
Ion Ratio Lower Upper
178 100
176 17.5 15.9 23.9
179 15.7 12.2 18.4





#75
Fluoranthene
Concen: 9.74 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

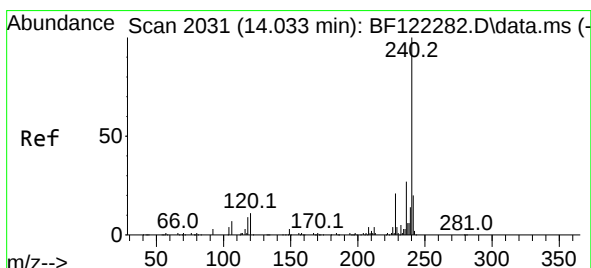
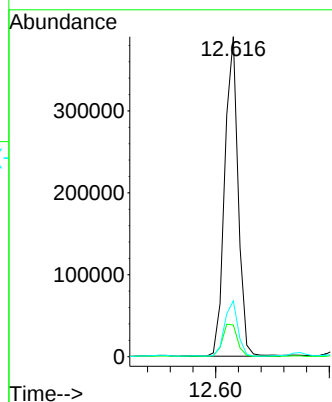
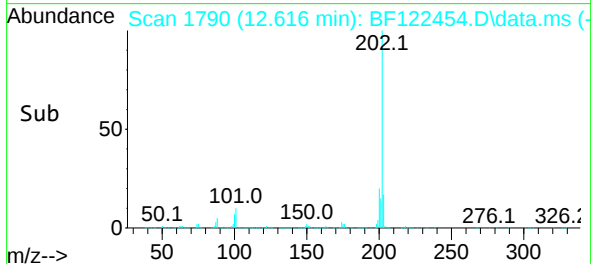
Instrument :
BNA_F
ClientSampled :
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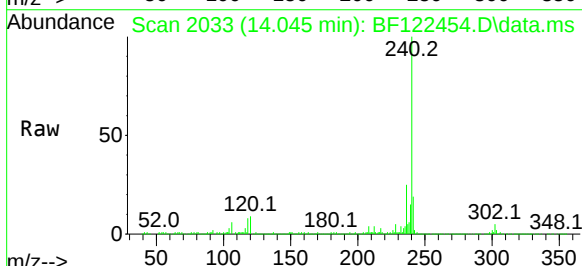
Tgt Ion:202 Resp: 320219
Ion Ratio Lower Upper
202 100
101 9.9 0.0 33.4
203 17.4 0.0 37.9

Manual Integrations
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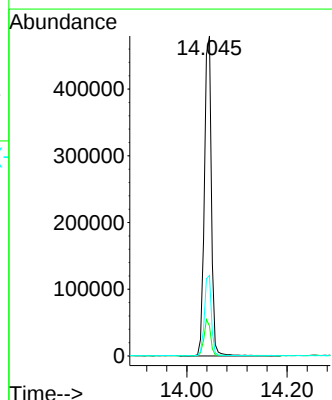
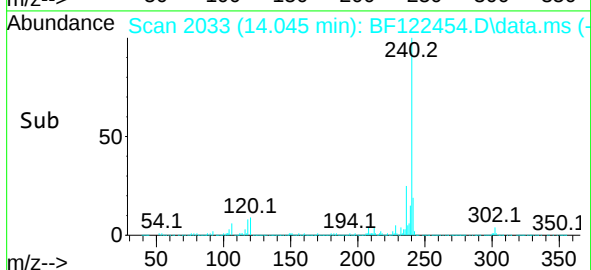
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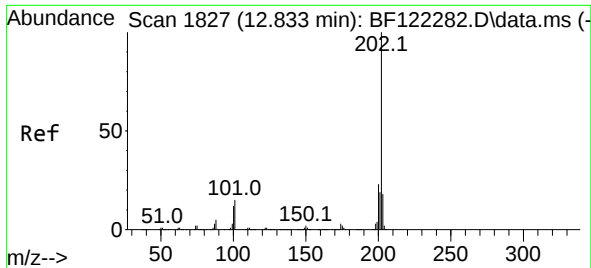


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51



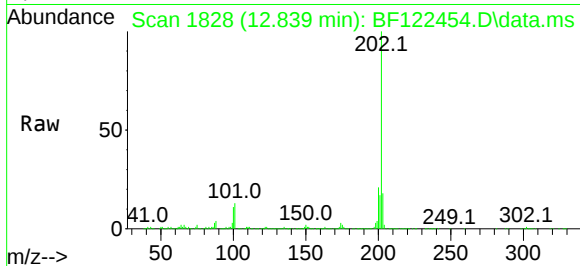
Tgt Ion:240 Resp: 465607
Ion Ratio Lower Upper
240 100
120 9.4 9.2 13.8
236 25.2 20.9 31.3





#78
Pyrene
Concen: 9.36 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

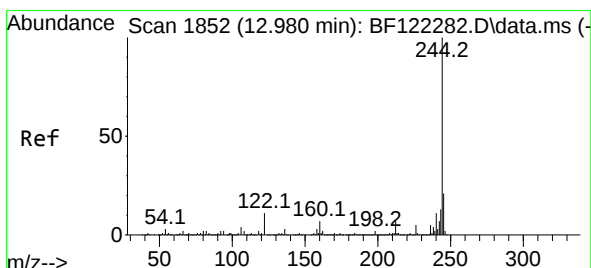
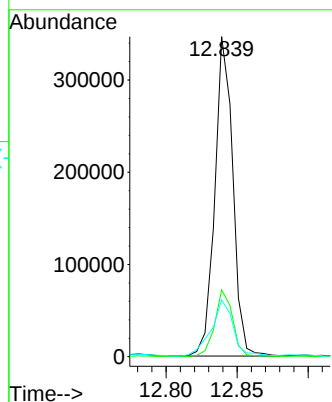
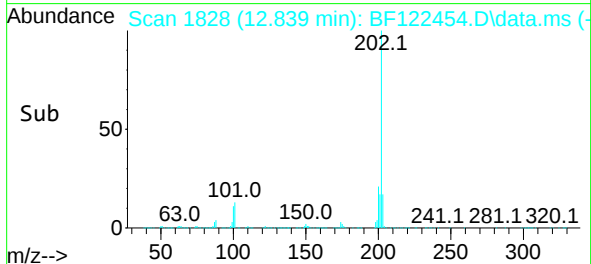
Instrument :
BNA_F
ClientSampled :
SB-02



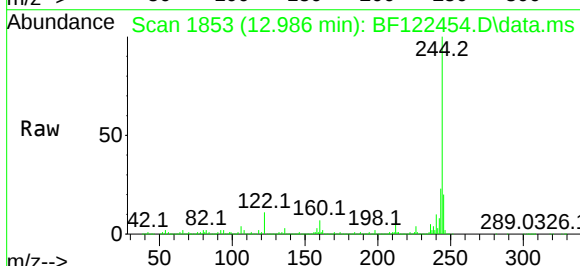
Tgt Ion:202 Resp: 306120
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.7 14.6 21.8

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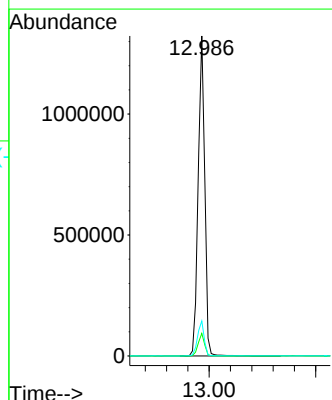
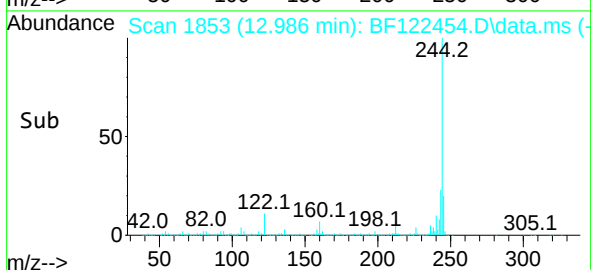
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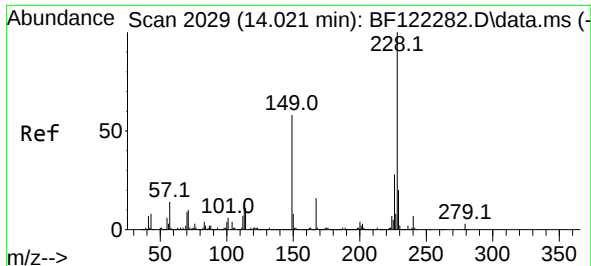


#79
Terphenyl-d14
Concen: 51.74 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51



Tgt Ion:244 Resp: 1137147
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.9 8.1 12.1





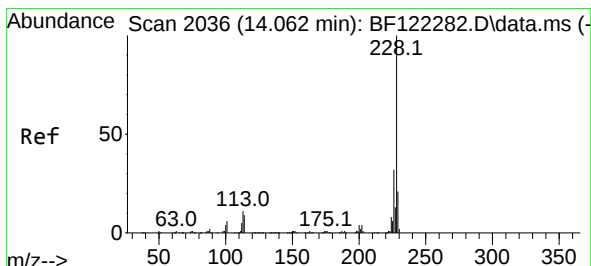
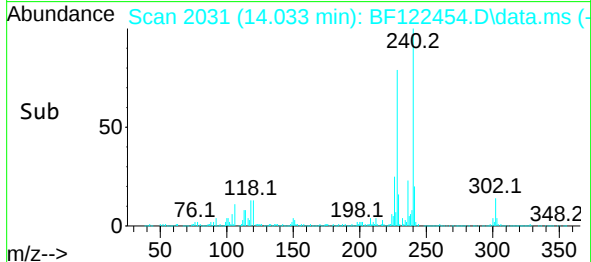
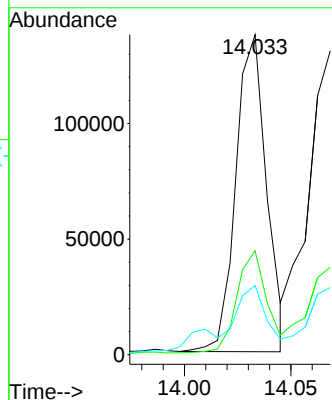
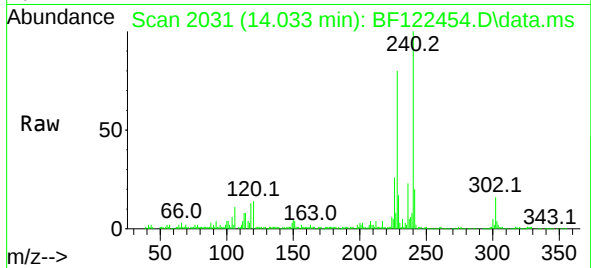
#81
Benzo(a)anthracene
Concen: 4.75 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

Tgt Ion:228 Resp: 137496
Ion Ratio Lower Upper
228 100
226 32.5 22.3 33.5
229 21.6 16.2 24.4

Instrument :
BNA_F
ClientSampled :
SB-02

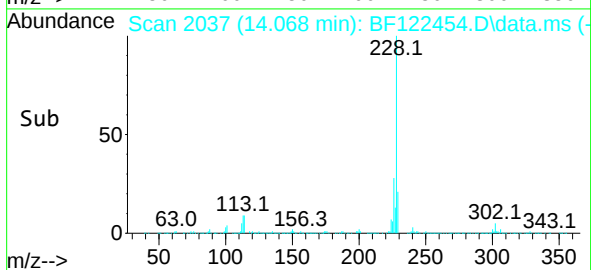
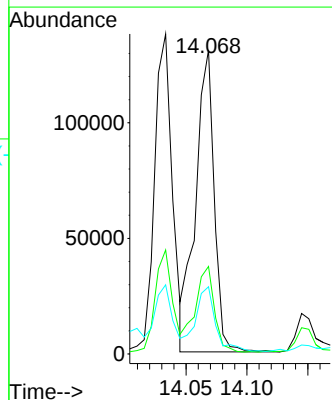
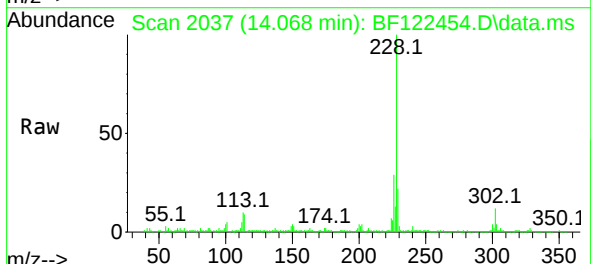
Manual Integrations
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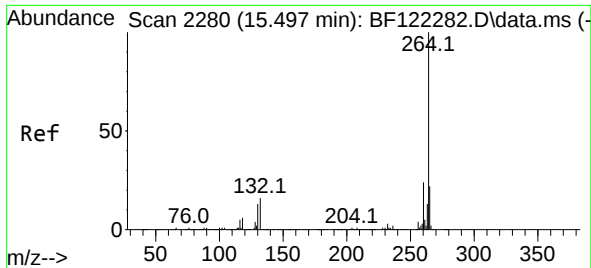
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#83
Chrysene
Concen: 4.77 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

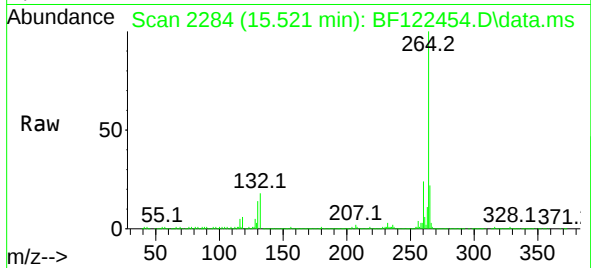
Tgt Ion:228 Resp: 139157
Ion Ratio Lower Upper
228 100
226 28.8 24.6 37.0
229 22.1 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

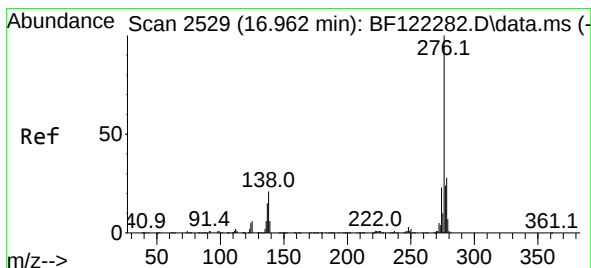
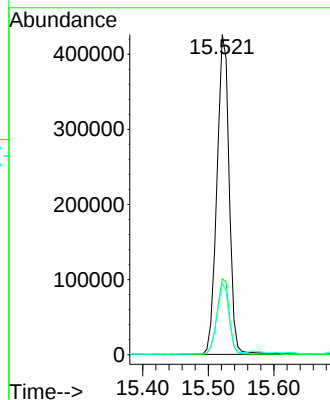
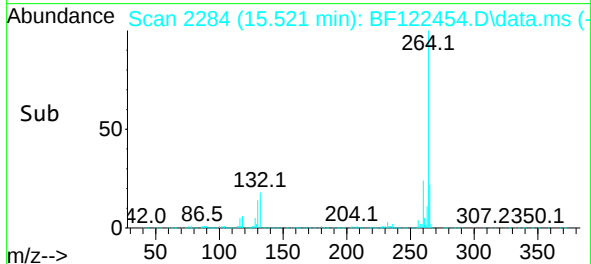
Instrument :
BNA_F
ClientSampled :
SB-02



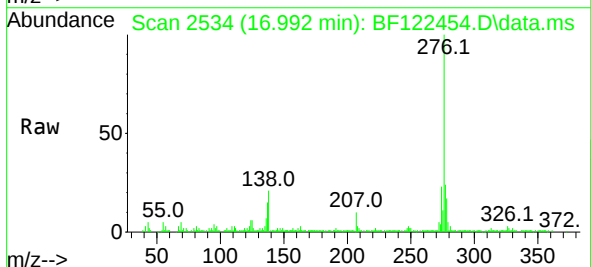
Tgt Ion:264 Resp: 549286
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.3 17.3 25.9

Manual Integrations
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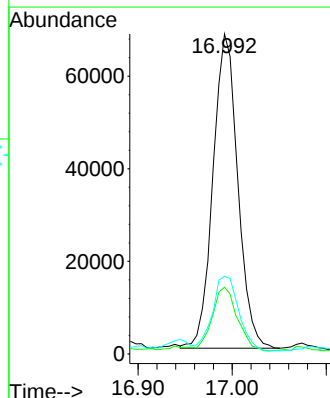
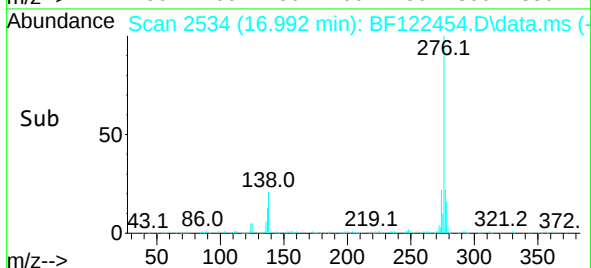
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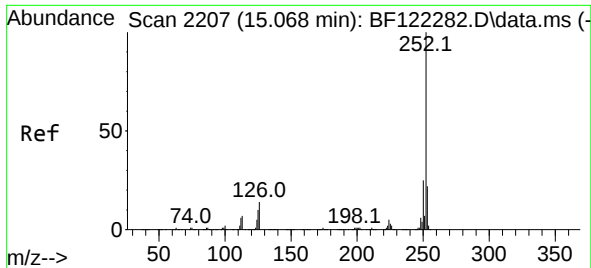


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.77 ng m
RT: 16.992 min Scan# 2534
Delta R.T. -0.029 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

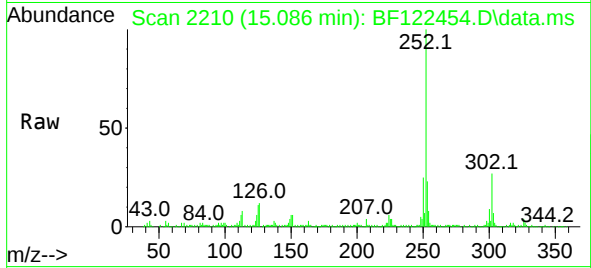


Tgt Ion:276 Resp: 124326
Ion Ratio Lower Upper
276 100
138 4.6 19.9 29.9#
277 4.0 20.4 30.6#

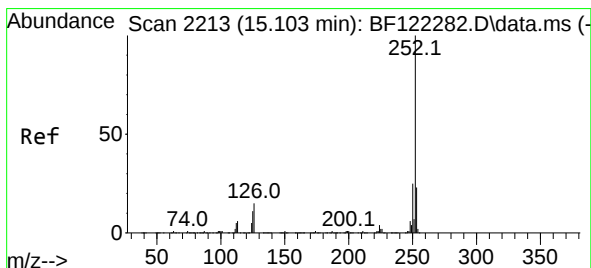
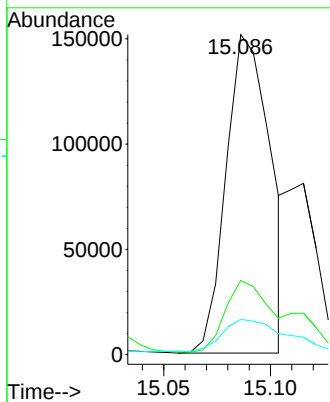
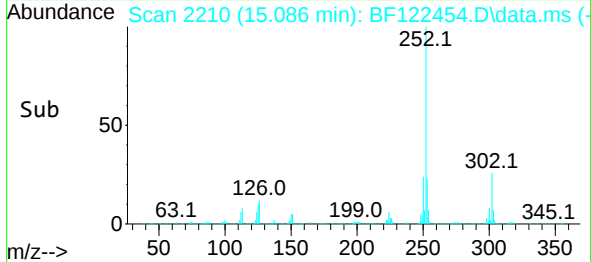




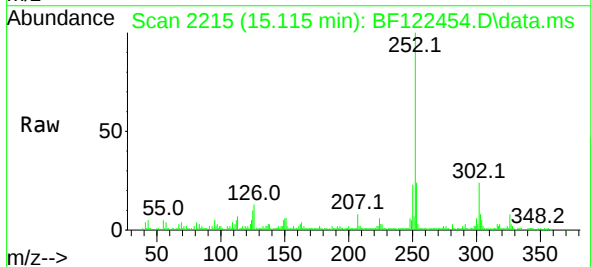
#88
Benzo(b)fluoranthene
Concen: 6.11 ng m
RT: 15.086 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51



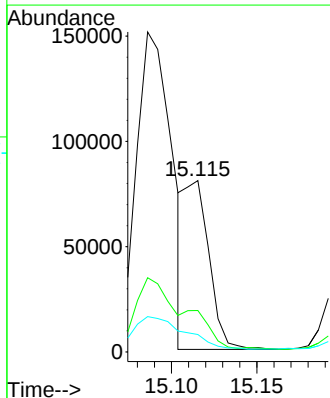
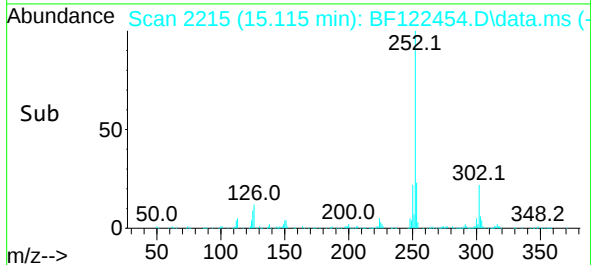
Tgt Ion:252 Resp: 217439
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 11.0 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 2.32 ng m
RT: 15.115 min Scan# 2215
Delta R.T. -0.018 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51



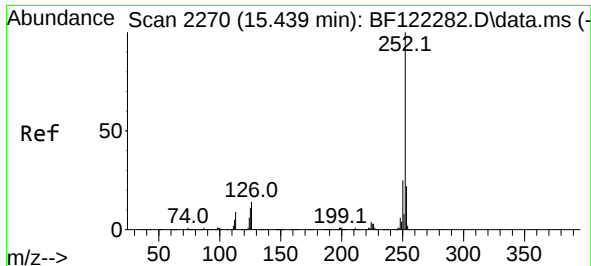
Tgt Ion:252 Resp: 80349
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.6
125 10.2 7.7 11.5



Instrument :
BNA_F
ClientSampled :
SB-02

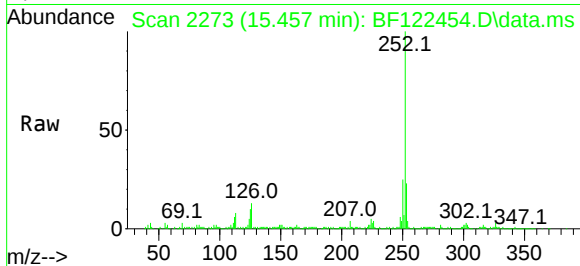
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#90
Benzo(a)pyrene
Concen: 5.44 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.018 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51

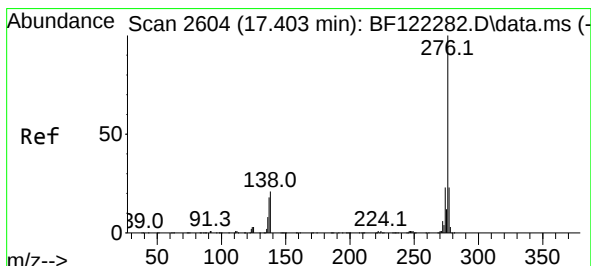
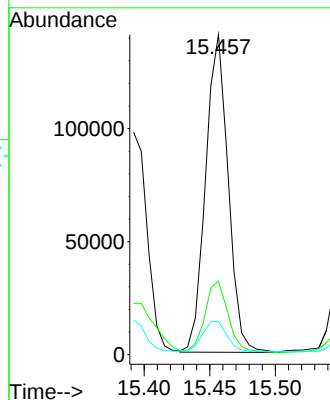
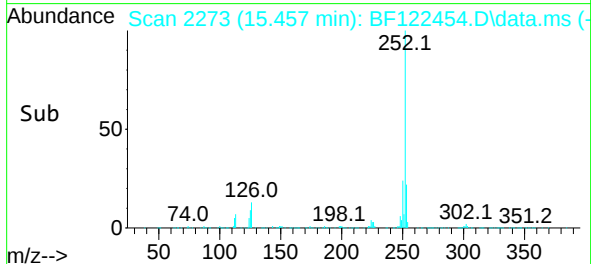
Instrument :
BNA_F
ClientSampled :
SB-02



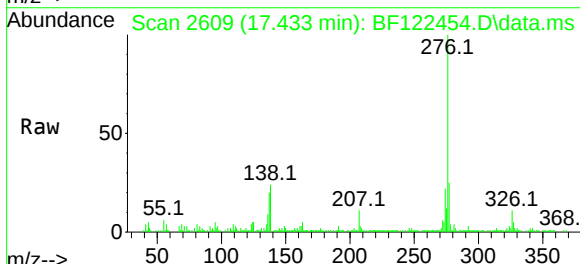
Tgt Ion:252 Resp: 168686
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 10.4 8.6 13.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.46 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.035 min
Lab File: BF122454.D
Acq: 23 Nov 2020 18:51



Tgt Ion:276 Resp: 119650
Ion Ratio Lower Upper
276 100
277 24.9 19.4 29.2
138 24.4 17.8 26.6

