

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
 Data File : BF122527.D
 Acq On : 1 Dec 2020 17:59
 Operator : JU/CG
 Sample : L4910-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B47-113020-0-10

Manual Integrations
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Quant Time: Dec 01 23:55:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	195745	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	786293	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	420307	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	786718	20.00	ng	0.00
76) Chrysene-d12	14.027	240	680617	20.00	ng	0.00
86) Perylene-d12	15.498	264	612909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	988924	77.58	ng	0.00
7) Phenol-d6	6.486	99	1388823	83.28	ng	-0.01
23) Nitrobenzene-d5	7.416	82	887538	69.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	348098	77.17	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1657326	61.61	ng	0.00
79) Terphenyl-d14	12.974	244	1927608	60.00	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.498	94	58614	3.57	ng	# 76
31) Naphthalene	8.163	128	168686	4.04	ng	99
37) 2-Methylnaphthalene	8.851	142	87234	3.16	ng	97
38) 1-Methylnaphthalene	8.951	142	53945	2.09	ng	99
50) Dimethylphthalate	9.610	163	284639	9.53	ng	99
71) Phenanthrene	11.410	178	748449	16.77	ng	99
72) Anthracene	11.457	178	198564	4.32	ng	98
75) Fluoranthene	12.604	202	1168242	25.07	ng	97
78) Pyrene	12.827	202	1037257	21.69	ng	99
81) Benzo(a)anthracene	14.015	228	540836m	12.78	ng	
83) Chrysene	14.051	228	458570	10.76	ng	96
87) Indeno(1,2,3-cd)pyrene	16.962	276	180555	4.91	ng	94
88) Benzo(b)fluoranthene	15.068	252	441973m	11.13	ng	
89) Benzo(k)fluoranthene	15.092	252	152303m	3.93	ng	
90) Benzo(a)pyrene	15.433	252	337872	9.76	ng	98
92) Benzo(g,h,i)perylene	17.403	276	153616	5.13	ng	97

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

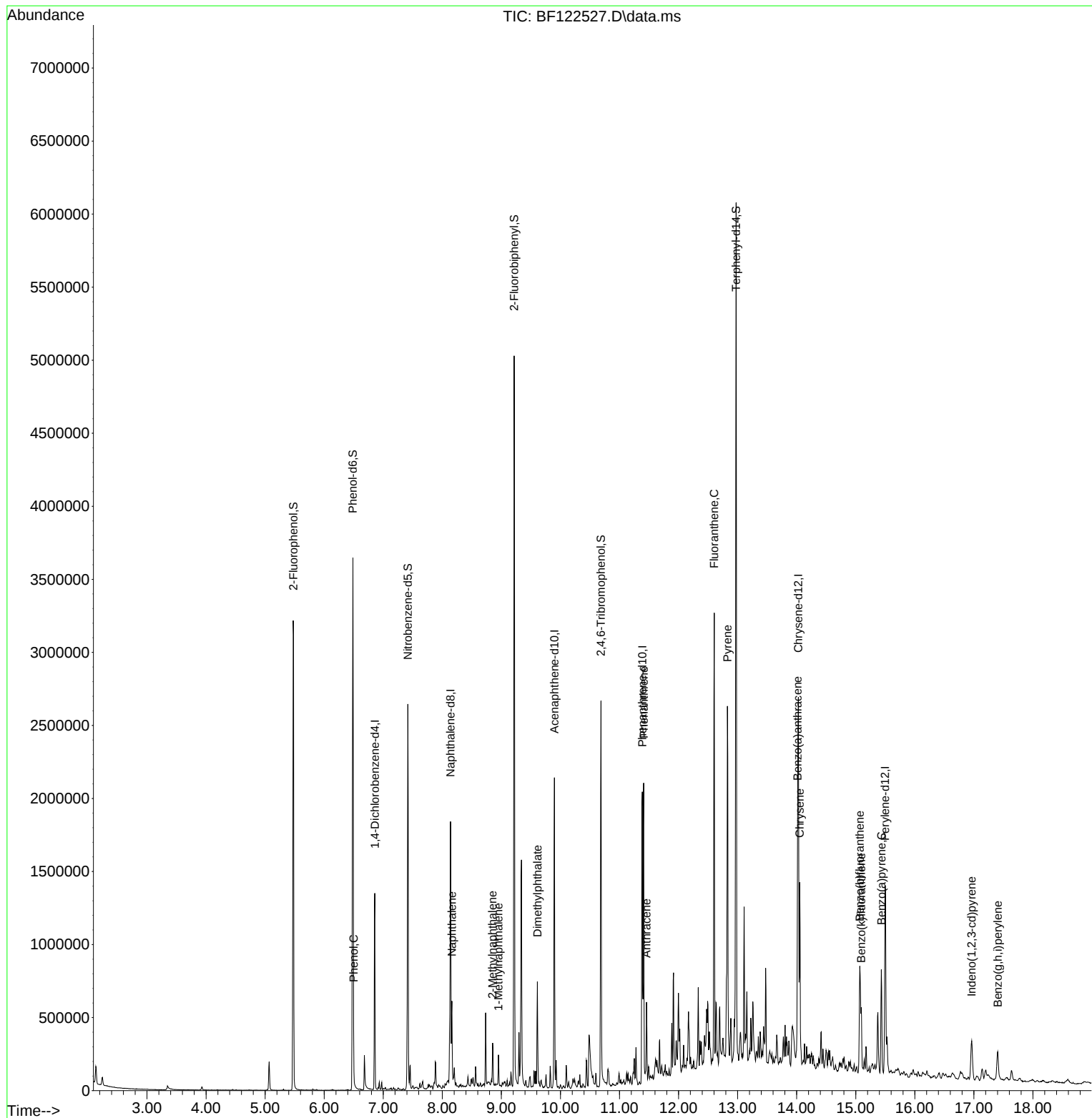
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122527.D
Acq On : 1 Dec 2020 17:59
Operator : JU/CG
Sample : L4910-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

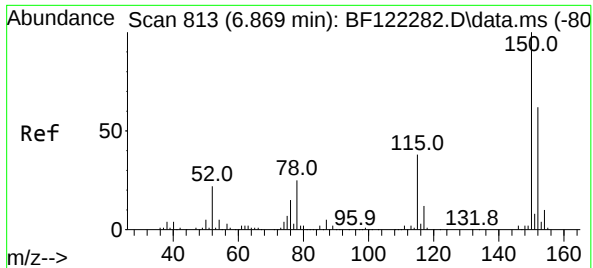
Instrument :
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PAV-B47-113020-0-10

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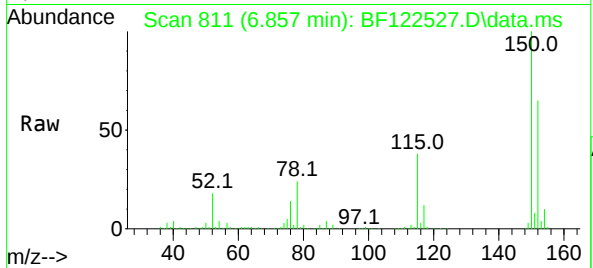
Quant Time: Dec 01 23:55:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

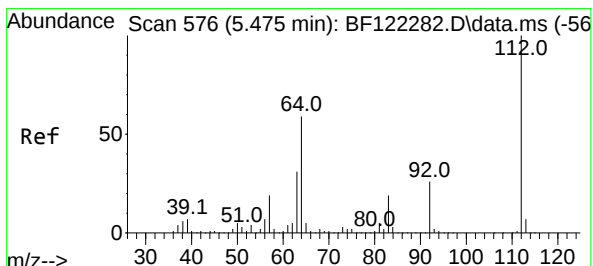
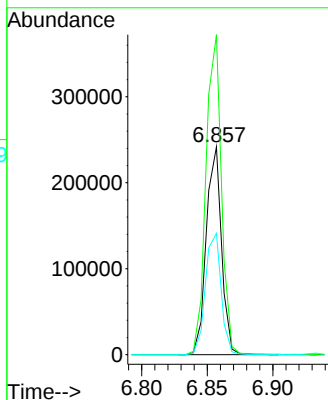
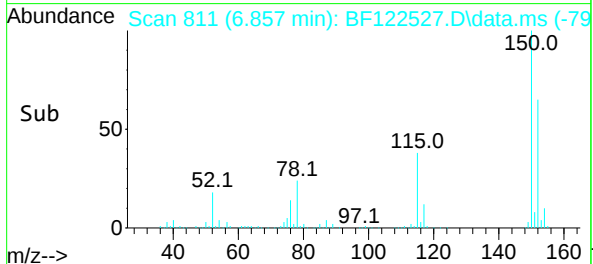
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10



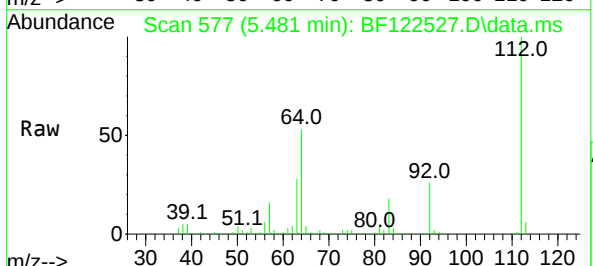
Tgt Ion:152 Resp: 195745
Ion Ratio Lower Upper
152 100
150 153.9 125.3 187.9
115 58.3 51.9 77.9

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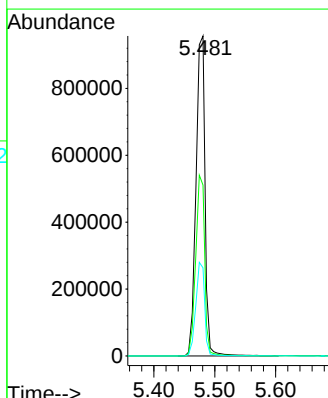
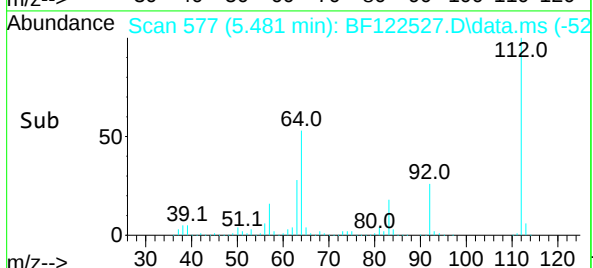
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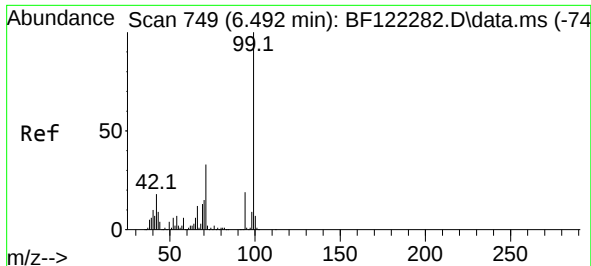


#5
2-Fluorophenol
Concen: 77.58 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



Tgt Ion:112 Resp: 988924
Ion Ratio Lower Upper
112 100
64 53.4 50.4 75.6
63 27.6 25.8 38.6





#7
Phenol-d6
Concen: 83.28 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

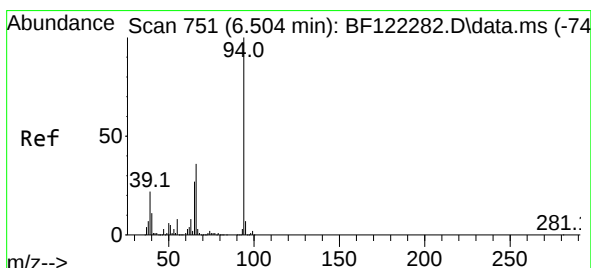
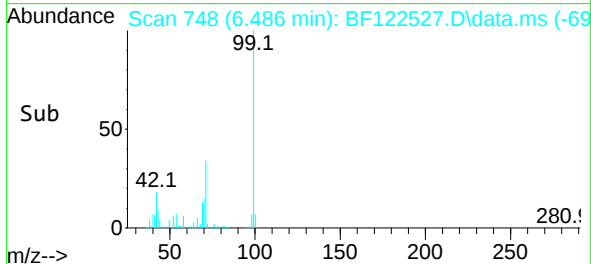
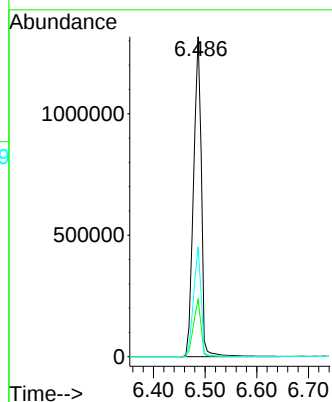
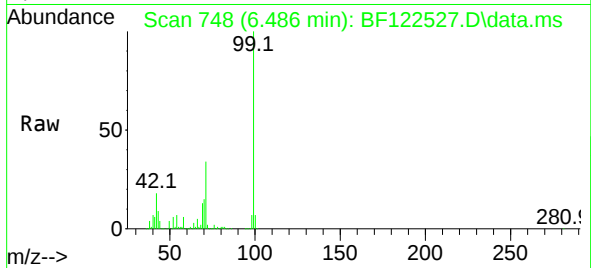
Tgt Ion: 99 Resp: 1388823

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.9	23.9
71	34.3	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
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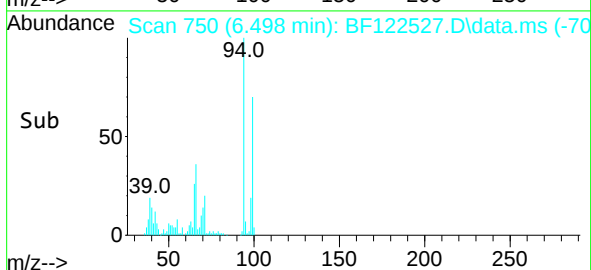
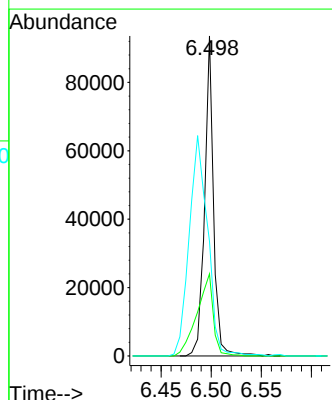
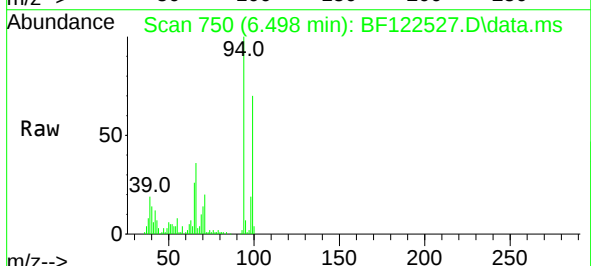
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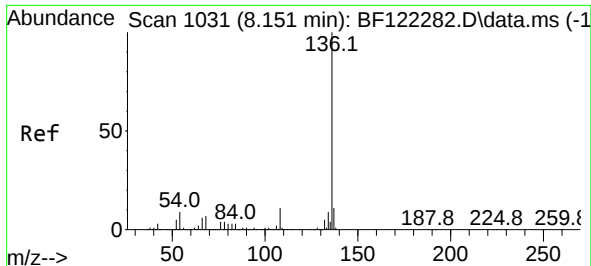


#10
Phenol
Concen: 3.57 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

Tgt Ion: 94 Resp: 58614

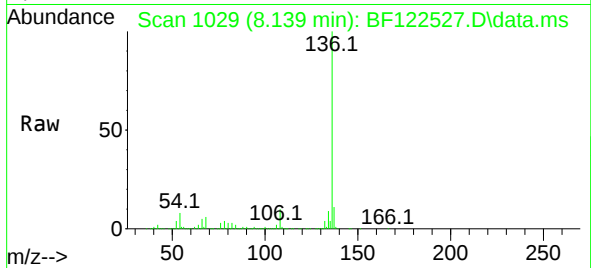
Ion	Ratio	Lower	Upper
94	100		
65	25.6	17.1	57.1
66	35.8	36.0	76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

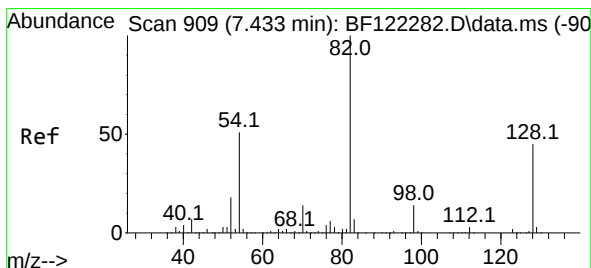
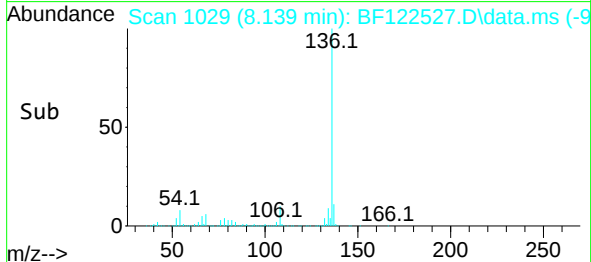
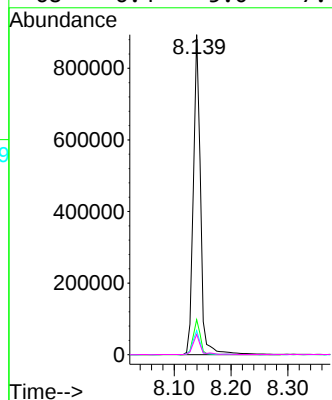
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10



Tgt Ion:136 Resp: 786293
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.6 7.1 10.7
68 6.4 5.0 7.4

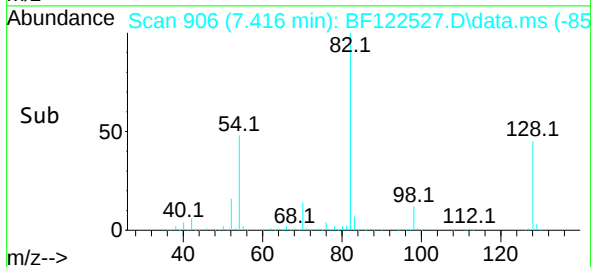
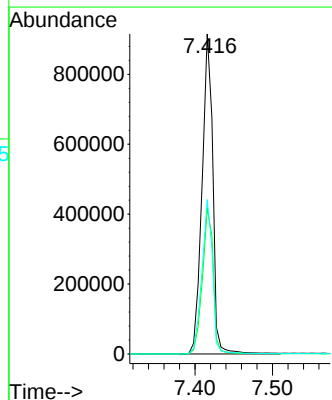
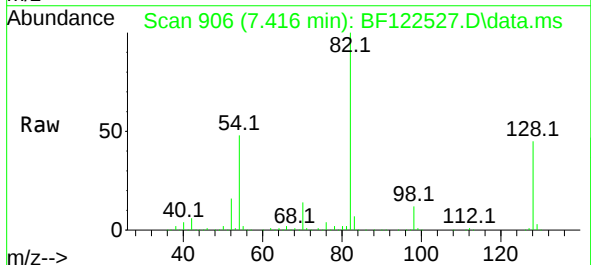
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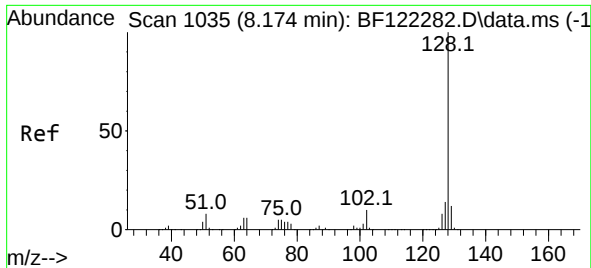
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#23
Nitrobenzene-d5
Concen: 69.10 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

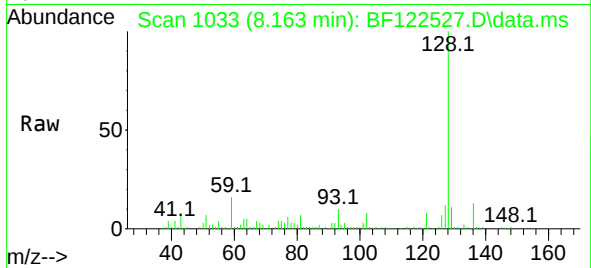
Tgt Ion: 82 Resp: 887538
Ion Ratio Lower Upper
82 100
128 45.4 35.0 52.4
54 48.2 43.9 65.9





#31
Naphthalene
Concen: 4.04 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

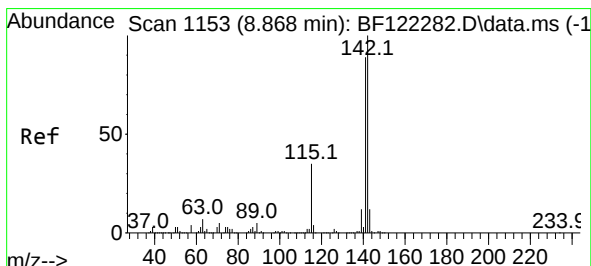
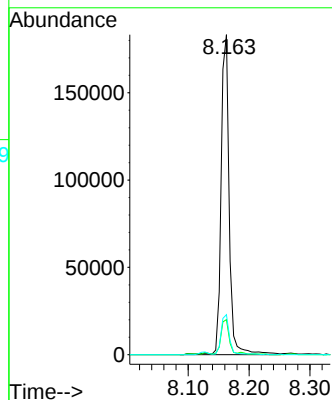
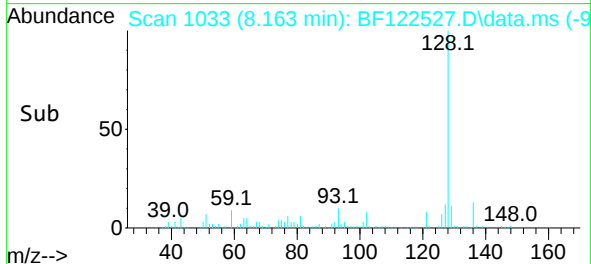
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ClientSampleId :
PAV-B47-113020-0-10



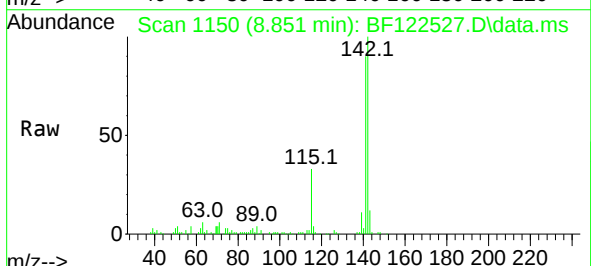
Tgt Ion:128 Resp: 168686
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.5 10.8 16.2

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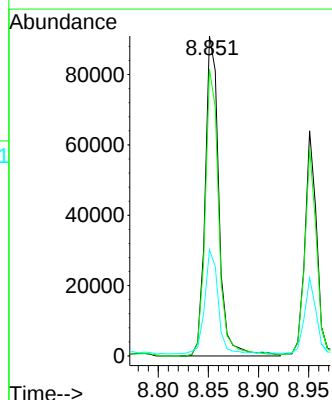
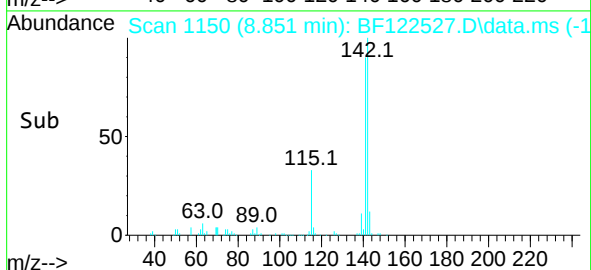
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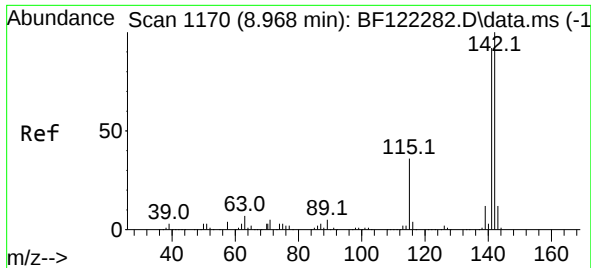


#37
2-Methylnaphthalene
Concen: 3.16 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



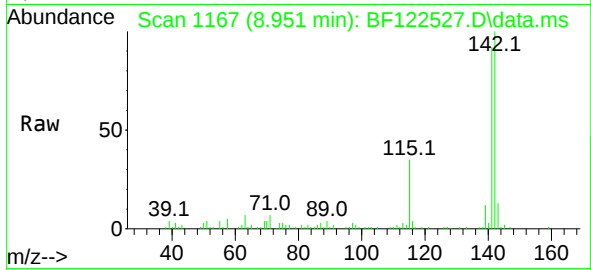
Tgt Ion:142 Resp: 87234
Ion Ratio Lower Upper
142 100
141 89.6 70.2 105.4
115 33.2 28.6 43.0





#38
1-Methylnaphthalene
Concen: 2.09 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

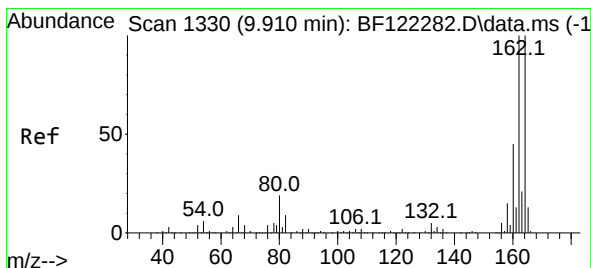
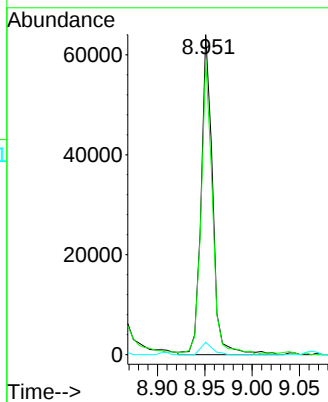
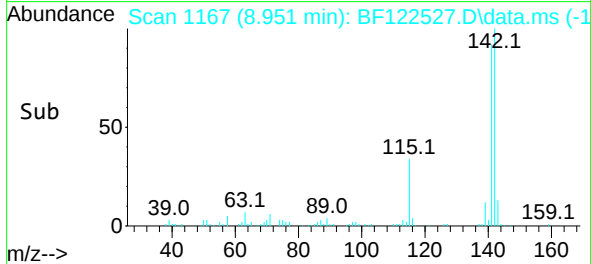
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BNA_F
ClientSampleId :
PAV-B47-113020-0-10



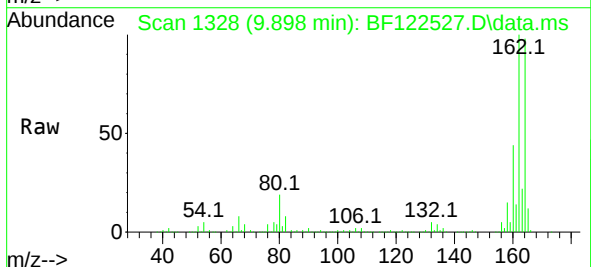
Tgt Ion:142 Resp: 53945
Ion Ratio Lower Upper
142 100
141 92.2 74.5 111.7
116 3.9 3.2 4.8

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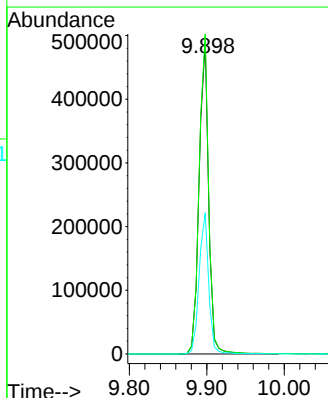
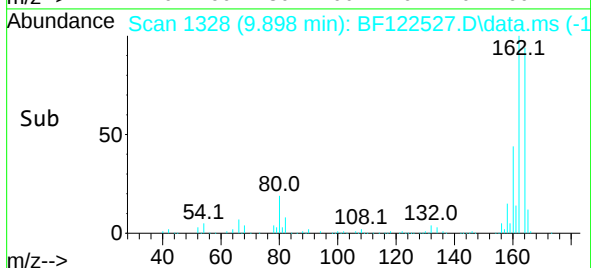
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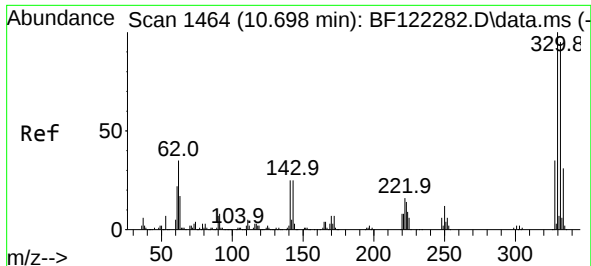


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



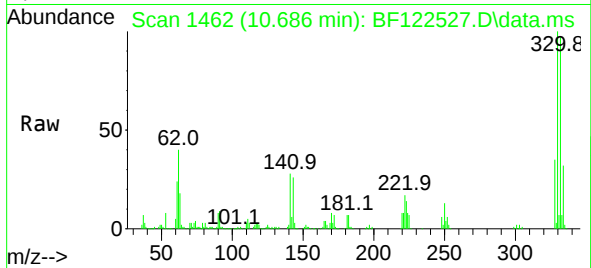
Tgt Ion:164 Resp: 420307
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 45.2 37.5 56.3





#42
2,4,6-Tribromophenol
Concen: 77.17 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

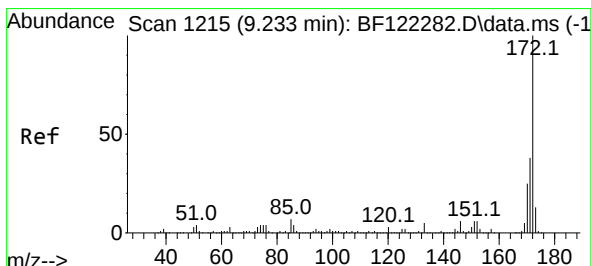
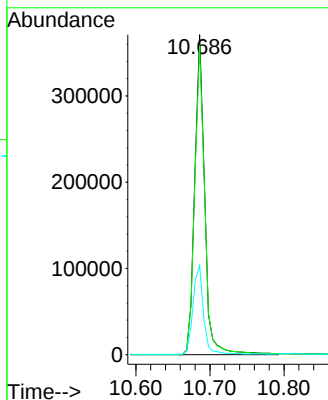
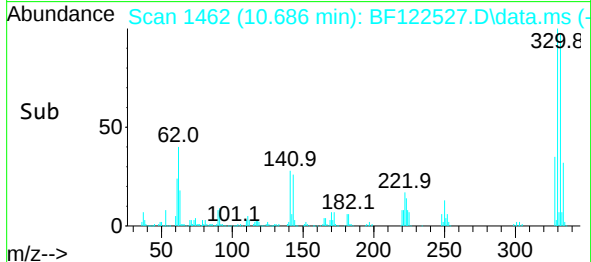
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PAV-B47-113020-0-10



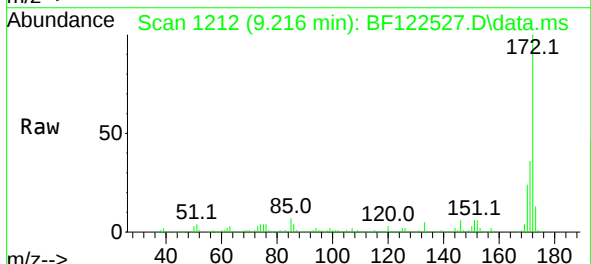
Tgt Ion:330 Resp: 348098
Ion Ratio Lower Upper
330 100
332 98.8 77.3 115.9
141 29.2 22.3 33.5

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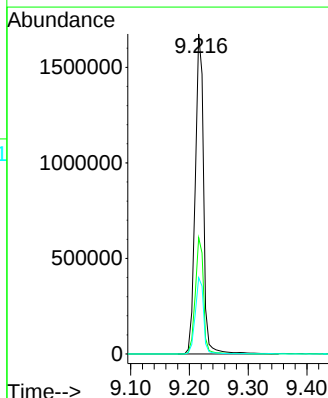
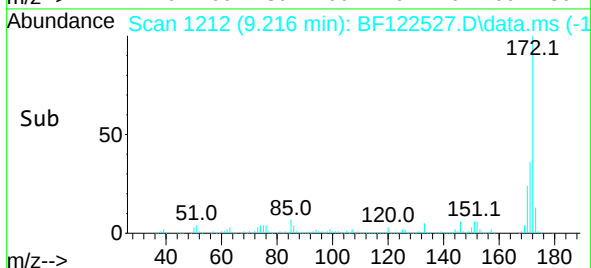
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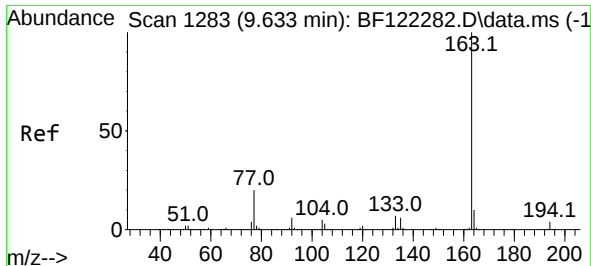


#45
2-Fluorobiphenyl
Concen: 61.61 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

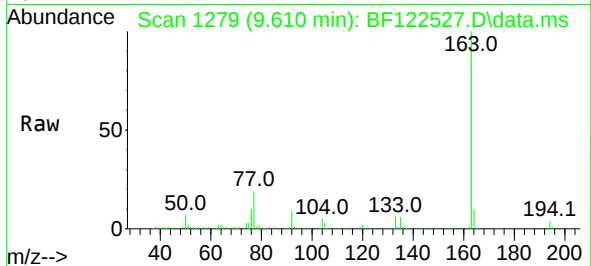


Tgt Ion:172 Resp: 1657326
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 23.8 19.8 29.6

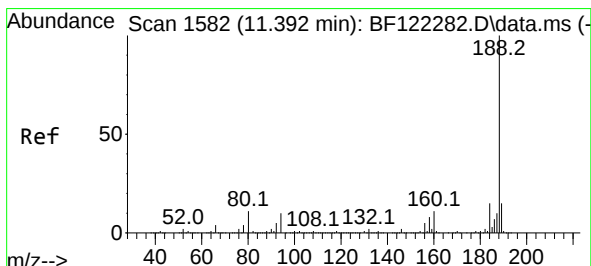
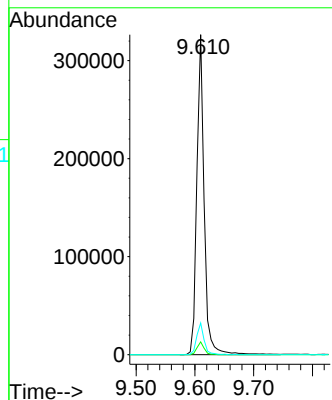
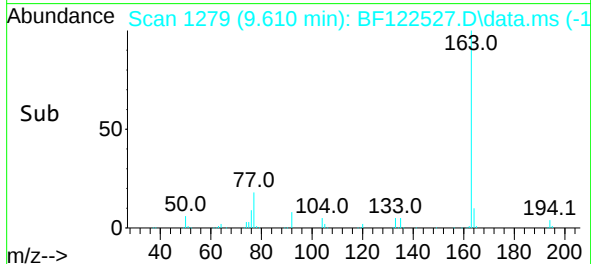




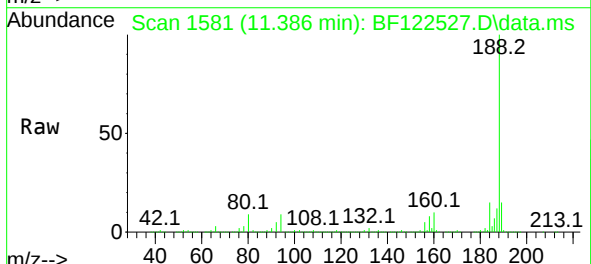
#50
Dimethylphthalate
Concen: 9.53 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



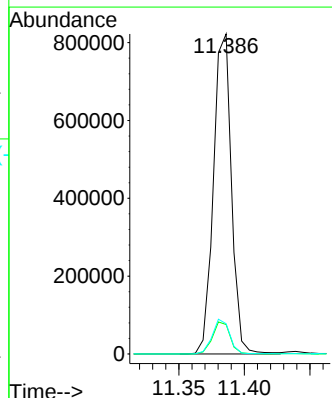
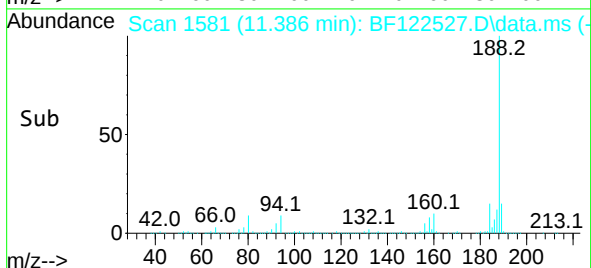
Tgt Ion:163 Resp: 284639
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



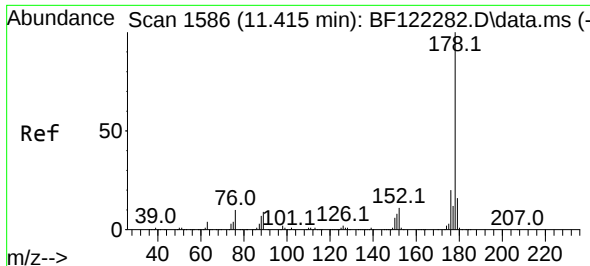
Tgt Ion:188 Resp: 786718
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.5 9.1 13.7



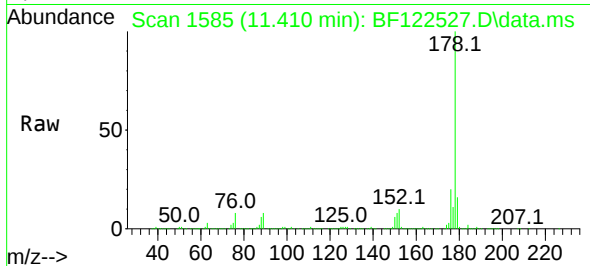
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

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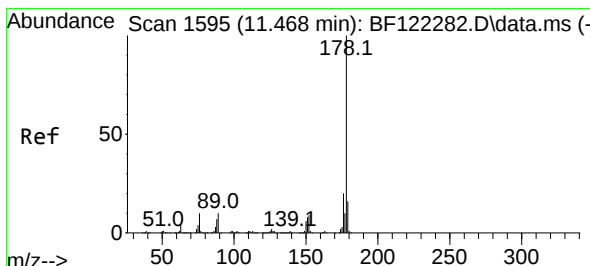
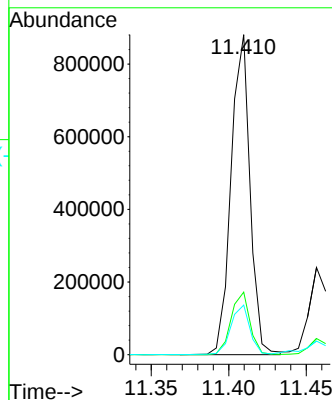
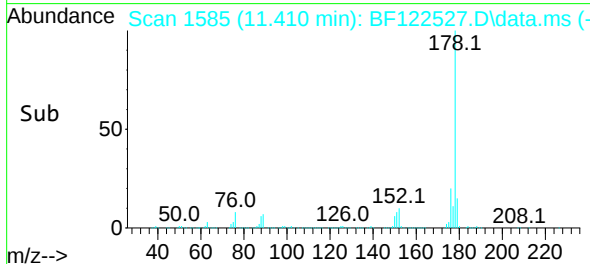
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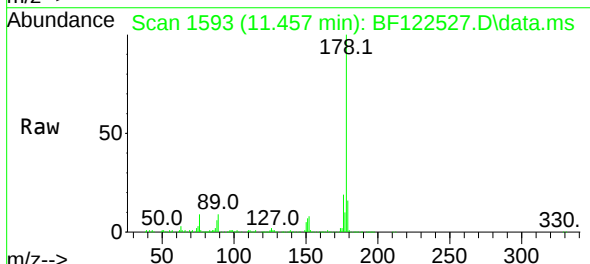
#71
Phenanthrene
Concen: 16.77 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



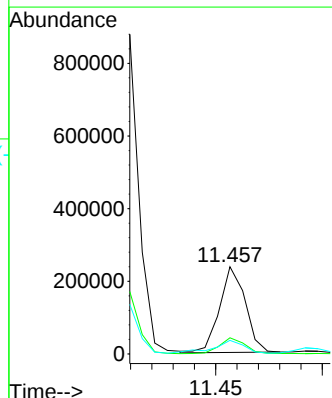
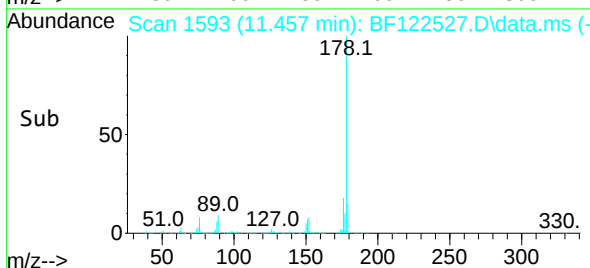
Tgt Ion:178 Resp: 748449
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.5 12.2 18.4



#72
Anthracene
Concen: 4.32 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



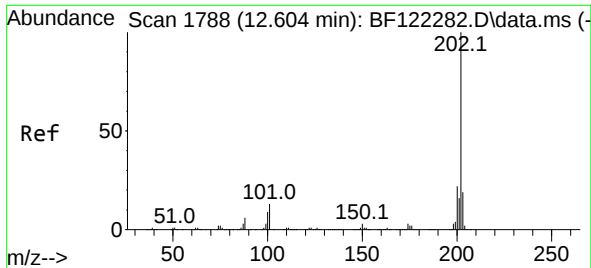
Tgt Ion:178 Resp: 198564
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 15.6 12.7 19.1



Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

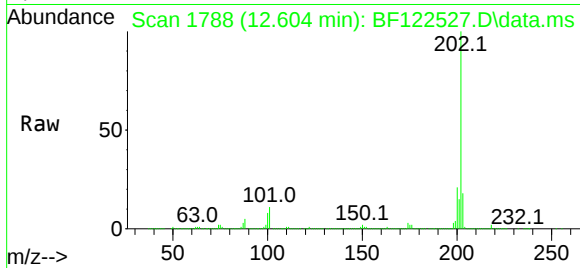
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#75
Fluoranthene
Concen: 25.07 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

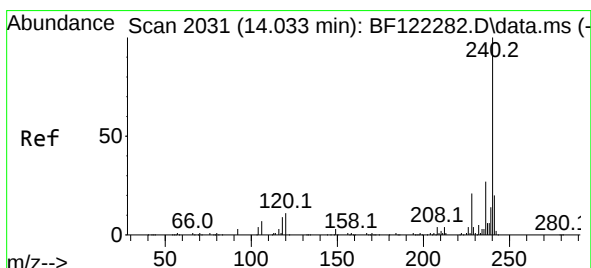
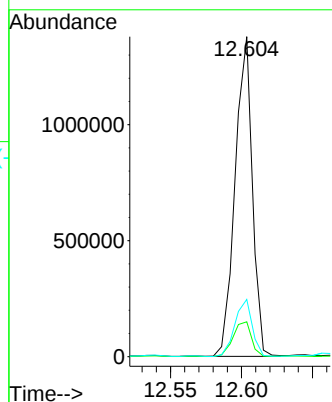
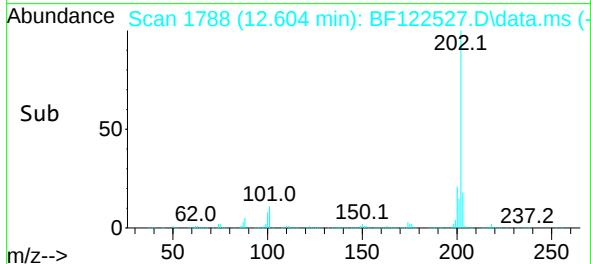
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10



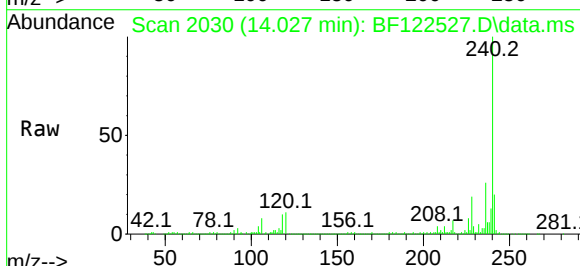
Tgt Ion:202 Resp: 1168242
Ion Ratio Lower Upper
202 100
101 10.9 0.0 33.4
203 17.9 0.0 37.9

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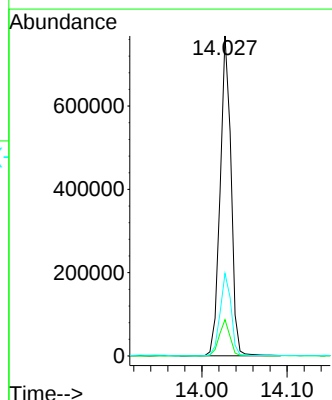
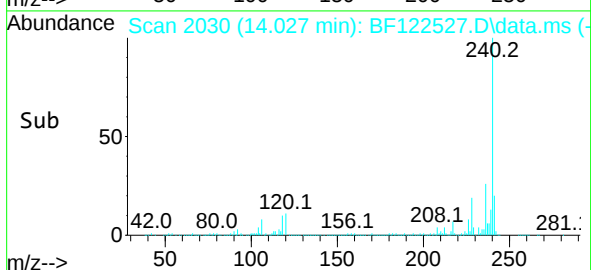
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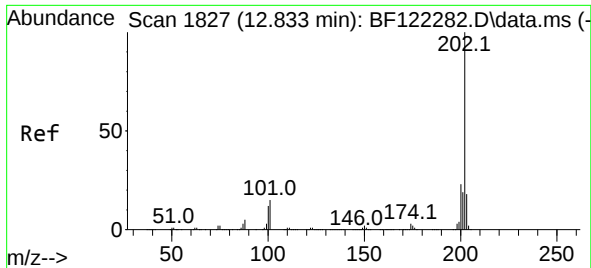


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



Tgt Ion:240 Resp: 680617
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.8 20.9 31.3





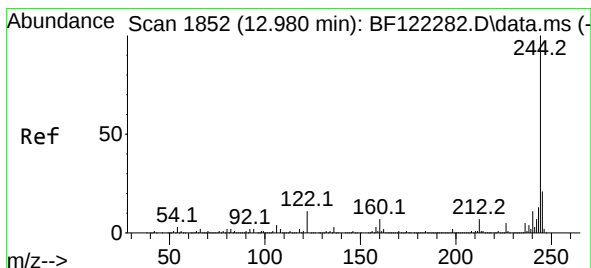
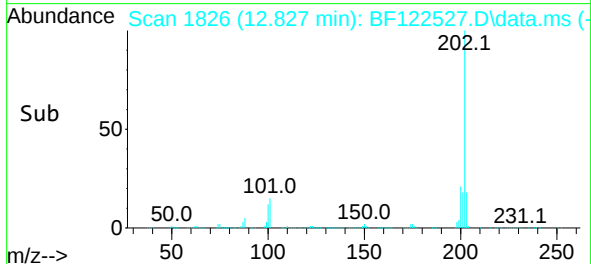
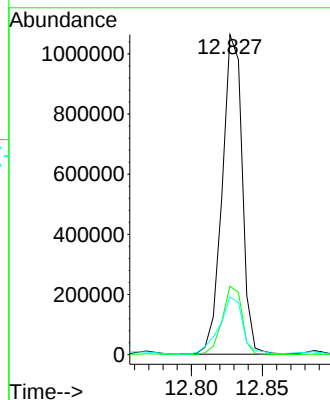
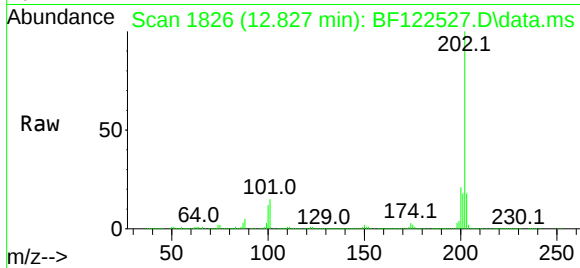
#78
Pyrene
Concen: 21.69 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

Tgt Ion:202 Resp: 1037257
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.1 14.6 21.8

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

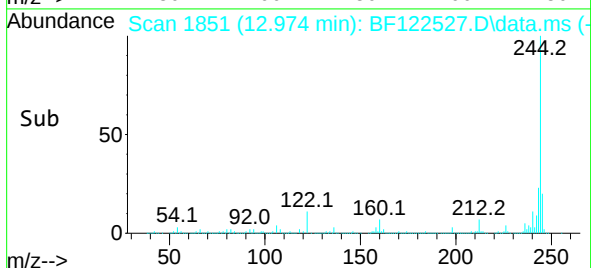
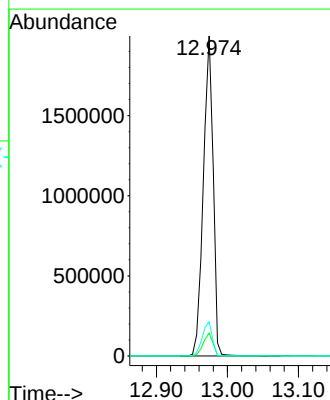
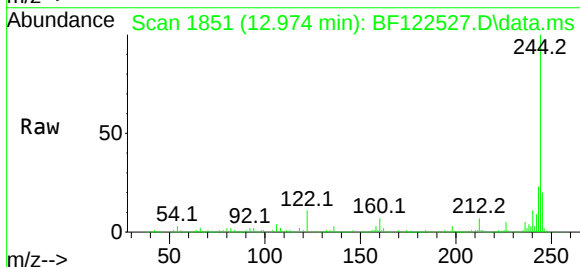
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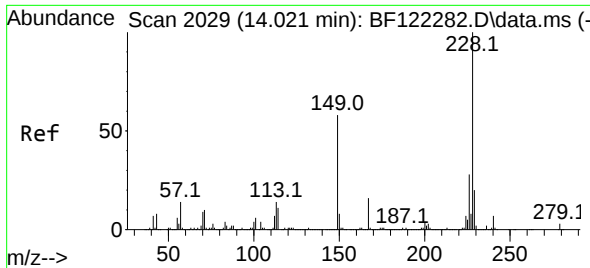
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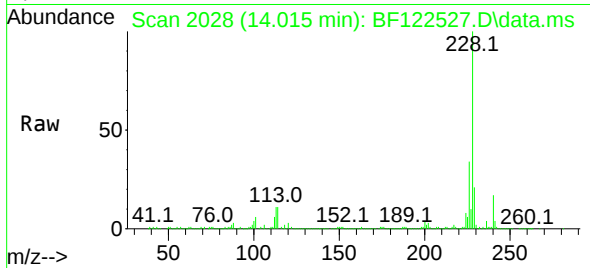
#79
Terphenyl-d14
Concen: 60.00 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

Tgt Ion:244 Resp: 1927608
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.7 8.1 12.1

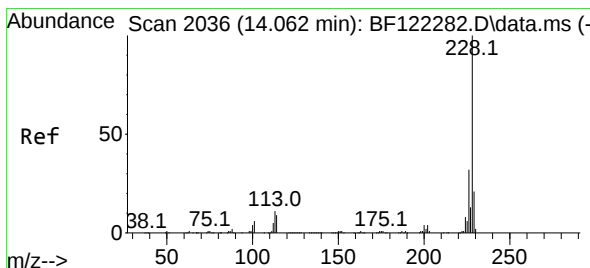
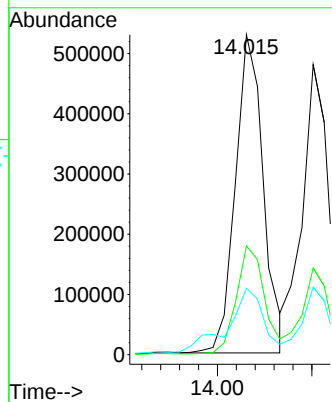
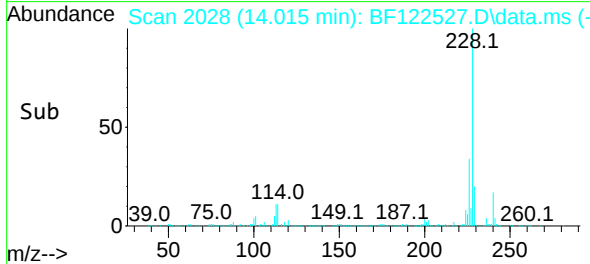




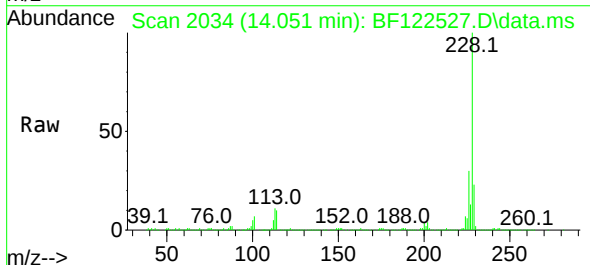
#81
Benzo(a)anthracene
Concen: 12.78 ng m
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



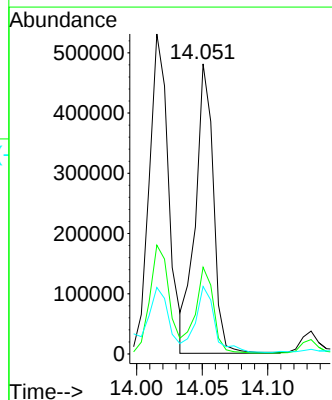
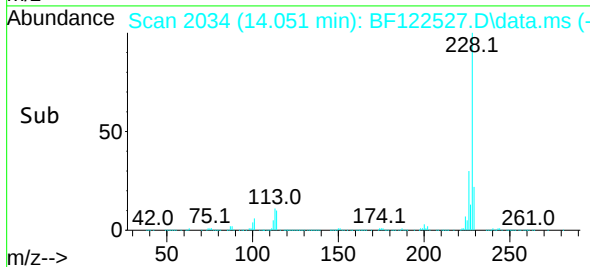
Tgt Ion:228 Resp: 540836
Ion Ratio Lower Upper
228 100
226 34.0 22.3 33.5#
229 20.8 16.2 24.4



#83
Chrysene
Concen: 10.76 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



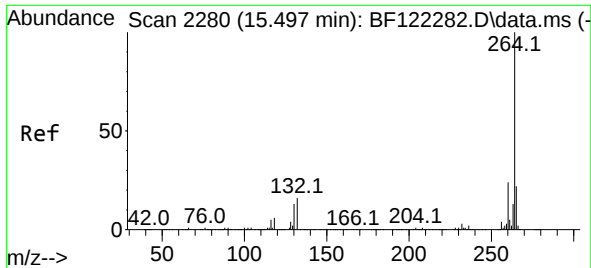
Tgt Ion:228 Resp: 458570
Ion Ratio Lower Upper
228 100
226 29.9 24.6 37.0
229 23.3 15.9 23.9



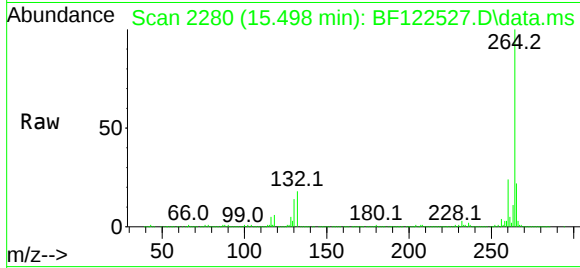
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

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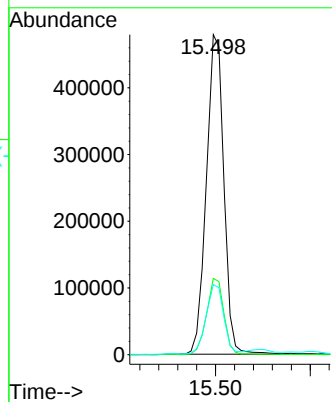
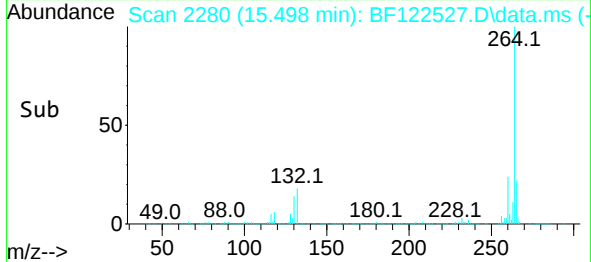
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



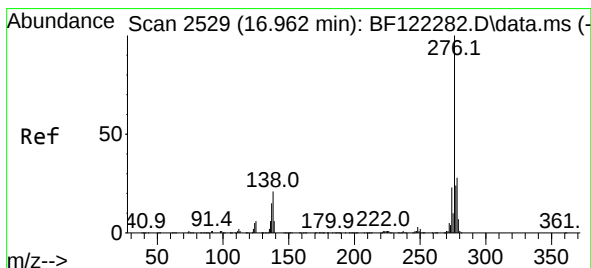
Tgt Ion:264 Resp: 612909
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.9 17.3 25.9



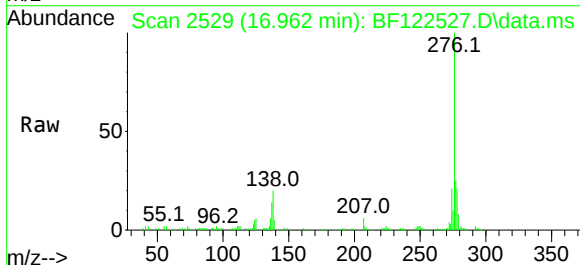
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

Manual Integrations
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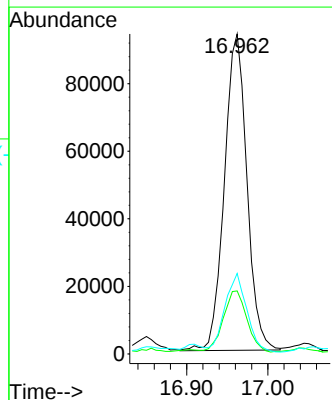
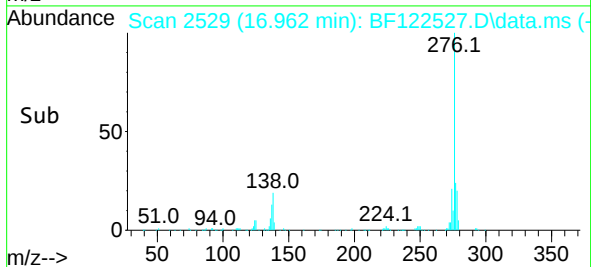
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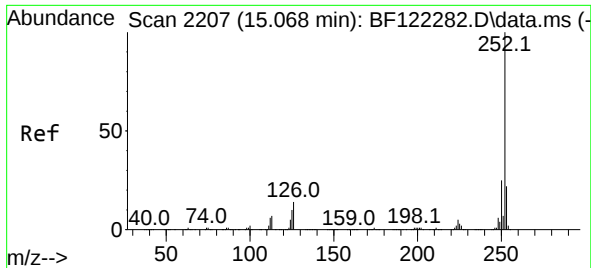


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.91 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.012 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



Tgt Ion:276 Resp: 180555
Ion Ratio Lower Upper
276 100
138 20.2 19.9 29.9
277 24.4 20.4 30.6





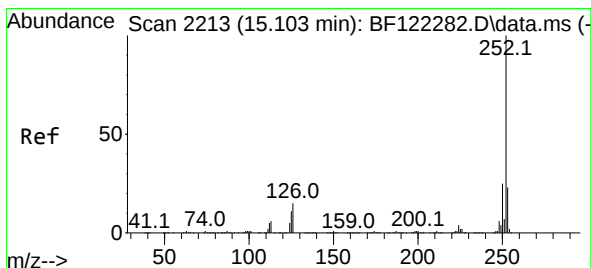
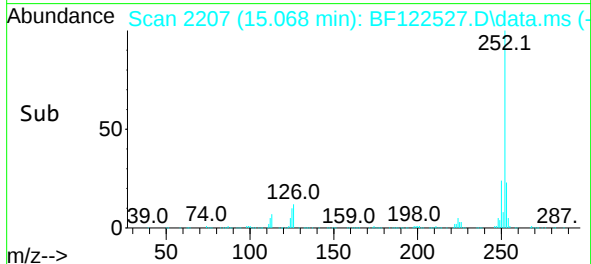
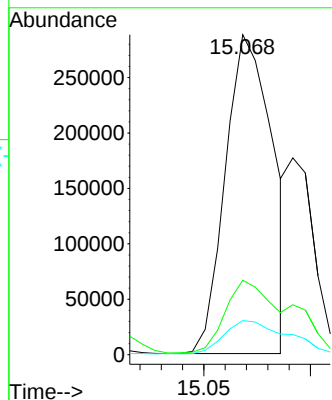
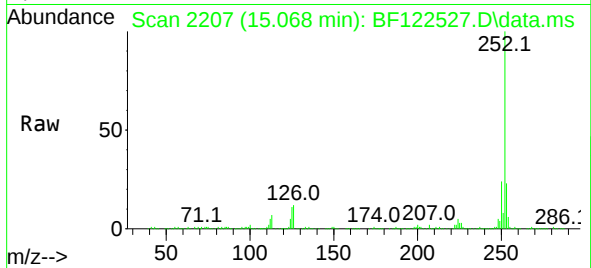
#88
Benzo(b)fluoranthene
Concen: 11.13 ng m
RT: 15.068 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

Tgt Ion:252 Resp: 441973
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 10.6 8.0 12.0

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

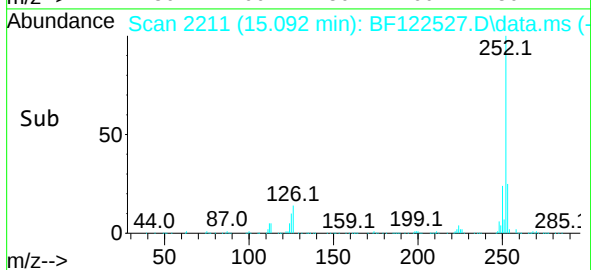
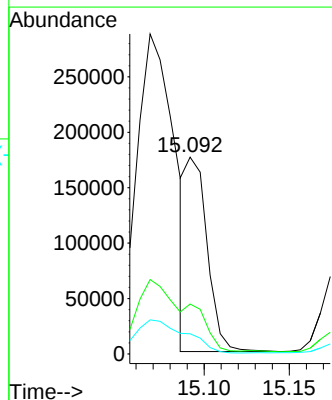
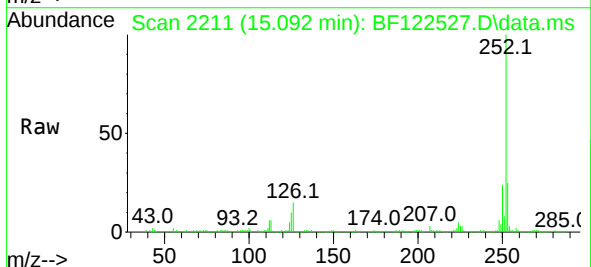
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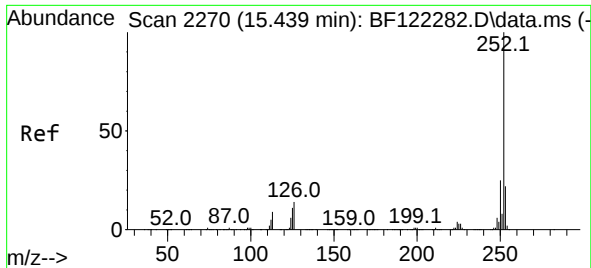
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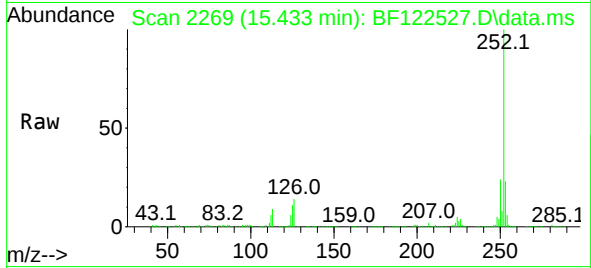
#89
Benzo(k)fluoranthene
Concen: 3.93 ng m
RT: 15.092 min Scan# 2211
Delta R.T. -0.018 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59

Tgt Ion:252 Resp: 152303
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.6
125 10.2 7.7 11.5

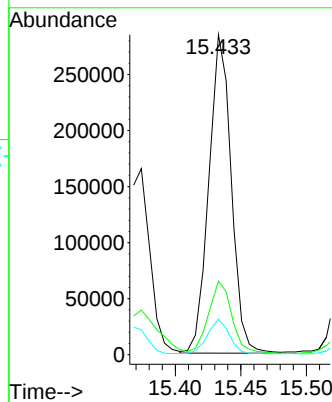
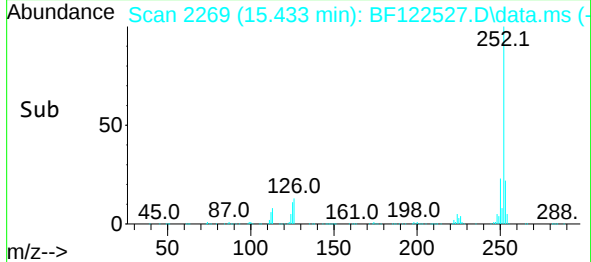




#90
Benzo(a)pyrene
Concen: 9.76 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.012 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



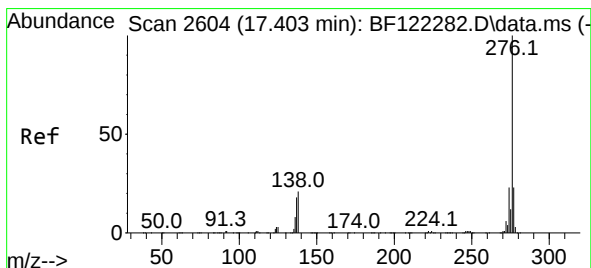
Tgt Ion:252 Resp: 337872
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 11.1 8.6 13.0



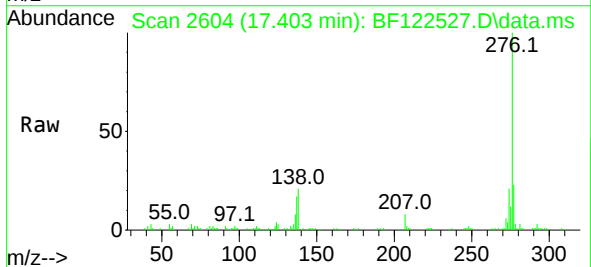
Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10

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#92
Benzo(g,h,i)perylene
Concen: 5.13 ng
RT: 17.403 min Scan# 2604
Delta R.T. -0.018 min
Lab File: BF122527.D
Acq: 1 Dec 2020 17:59



Tgt Ion:276 Resp: 153616
Ion Ratio Lower Upper
276 100
277 22.8 19.4 29.2
138 20.7 17.8 26.6

