

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122459.D
 Acq On : 23 Nov 2020 21:29
 Operator : JU/CG
 Sample : L4876-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2B

Manual Integrations
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Quant Time: Nov 24 00:28:24 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	153152	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	548526	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	254165	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	421064	20.00	ng	0.00
76) Chrysene-d12	14.045	240	439962	20.00	ng	0.00
86) Perylene-d12	15.533	264	468654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1028958	103.16	ng	0.00
7) Phenol-d6	6.498	99	1251088	95.88	ng	-0.01
23) Nitrobenzene-d5	7.428	82	750867	83.80	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	287272	105.31	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1115998	68.60	ng	0.00
79) Terphenyl-d14	12.986	244	957481	46.10	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.510	94	124381	9.68	ng	77
50) Dimethylphthalate	9.622	163	93535	5.18	ng	99
52) Acenaphthene	9.939	154	34305	2.25	ng	97
58) Fluorene	10.457	166	45874	2.68	ng	96
71) Phenanthrene	11.422	178	552173	23.11	ng	99
72) Anthracene	11.474	178	144928	5.89	ng	97
73) Carbazole	11.627	167	44887	2.00	ng	97
75) Fluoranthene	12.633	202	773062	31.00	ng	96
78) Pyrene	12.845	202	699116	22.62	ng	99
81) Benzo(a)anthracene	14.039	228	382673	13.99	ng	96
83) Chrysene	14.074	228	351182	12.74	ng	95
84) Bis(2-ethylhexyl)phtha...	14.027	149	33909	2.28	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.015	276	162561	5.78	ng	# 94
88) Benzo(b)fluoranthene	15.098	252	429302m	14.14	ng	
89) Benzo(k)fluoranthene	15.121	252	141704m	4.79	ng	
90) Benzo(a)pyrene	15.468	252	324352	12.26	ng	96
92) Benzo(g,h,i)perylene	17.462	276	145819	6.37	ng	97

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

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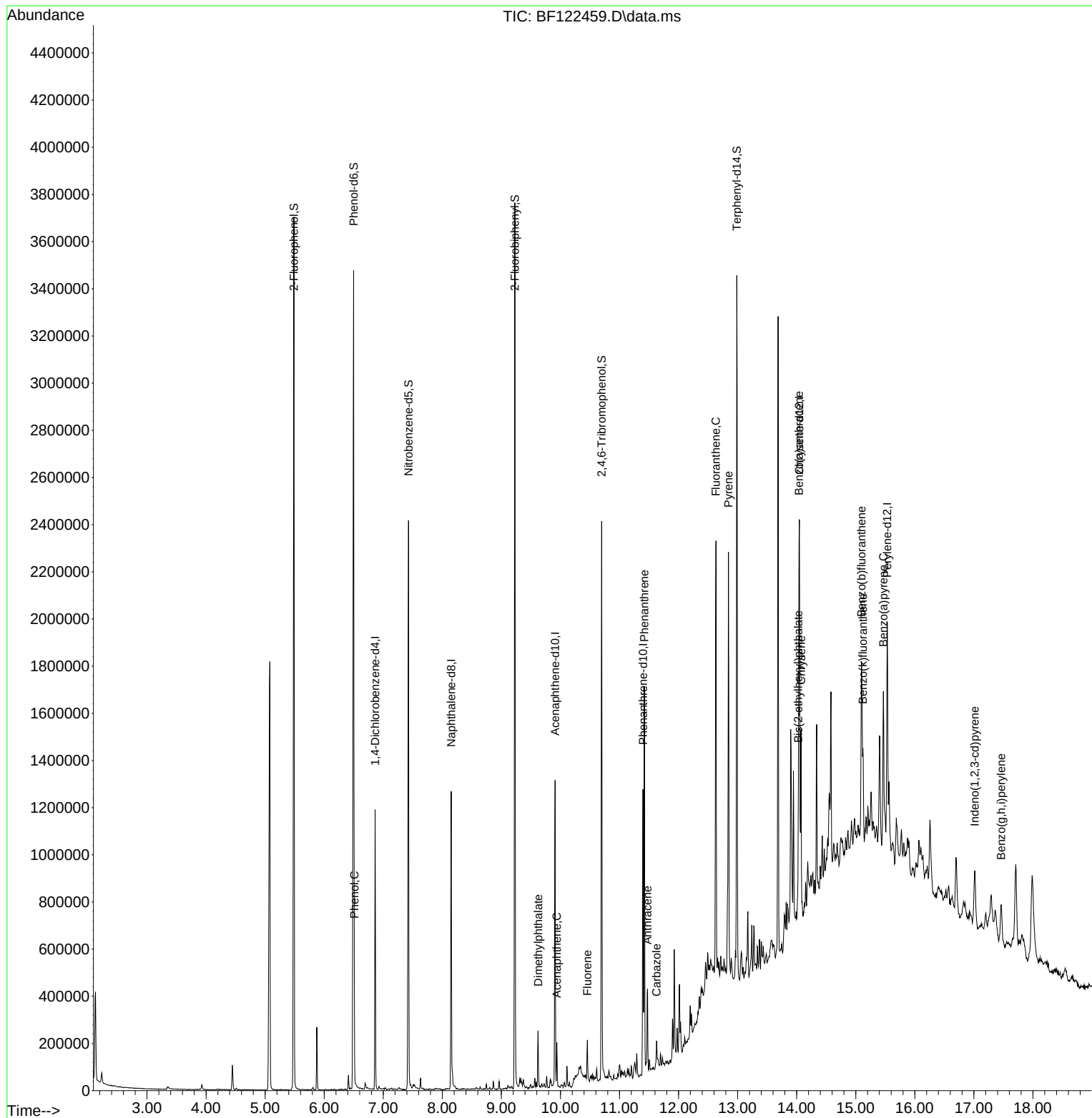
Instrument :
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ClientSampled :
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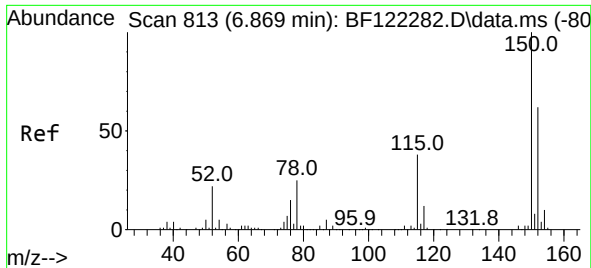
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#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

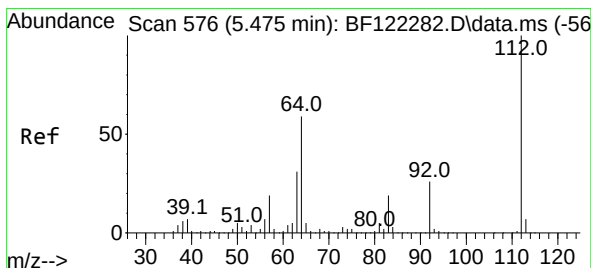
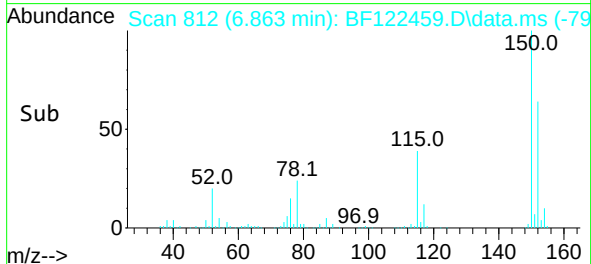
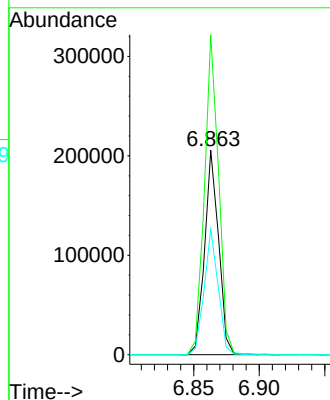
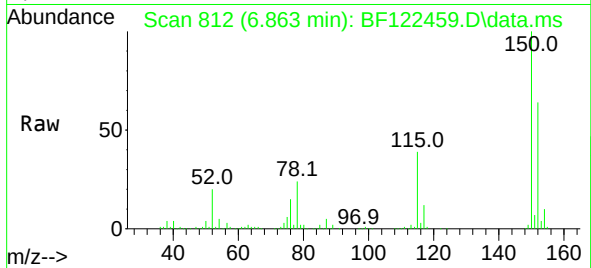
Tgt Ion:152 Resp: 153152
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 61.5 51.9 77.9

Instrument :
BNA_F
ClientSampleId :
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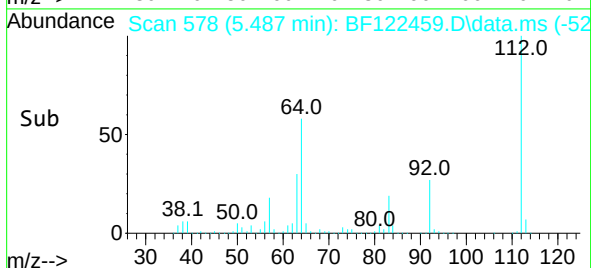
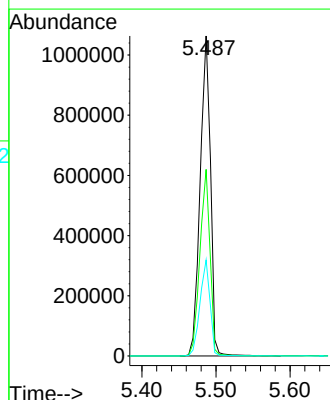
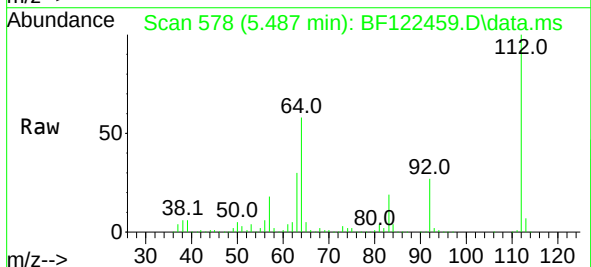
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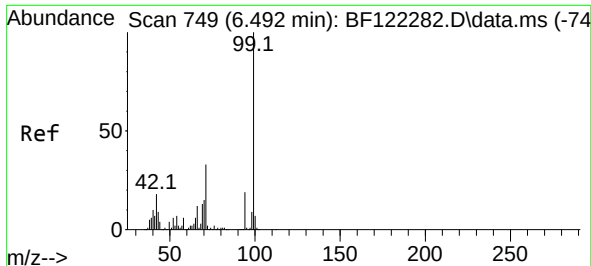
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#5
2-Fluorophenol
Concen: 103.16 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

Tgt Ion:112 Resp: 1028958
Ion Ratio Lower Upper
112 100
64 58.3 50.4 75.6
63 30.0 25.8 38.6





#7
Phenol-d6
Concen: 95.88 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

Tgt Ion: 99 Resp: 1251088

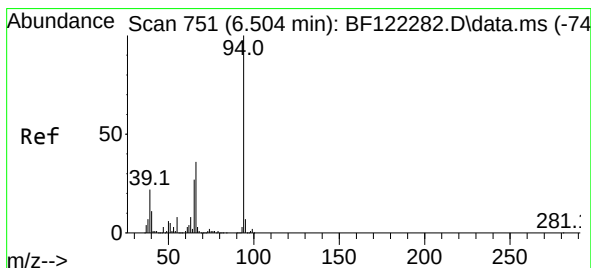
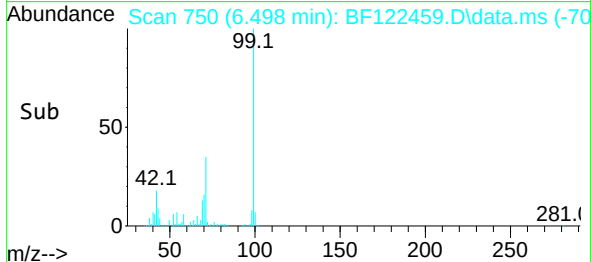
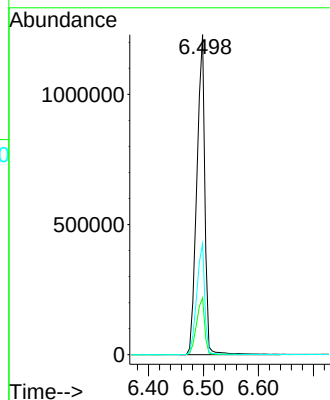
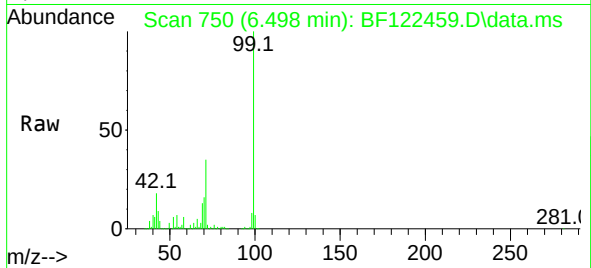
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.9	23.9
71	34.7	27.1	40.7

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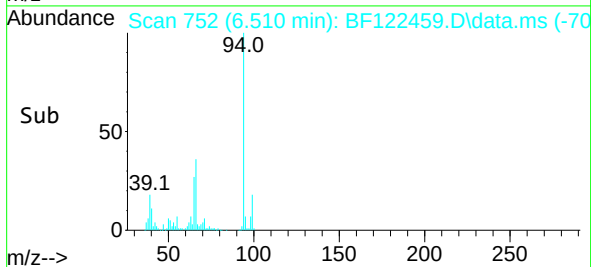
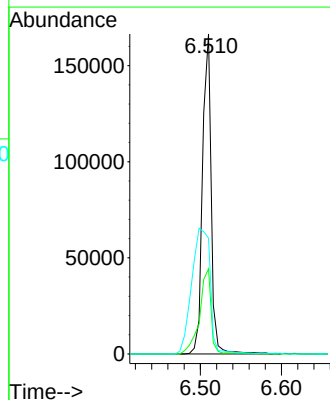
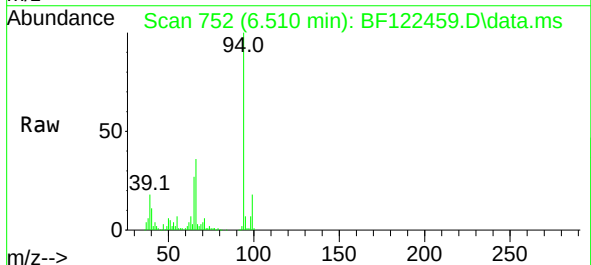
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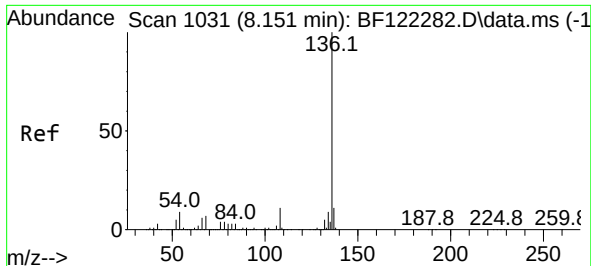


#10
Phenol
Concen: 9.68 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

Tgt Ion: 94 Resp: 124381

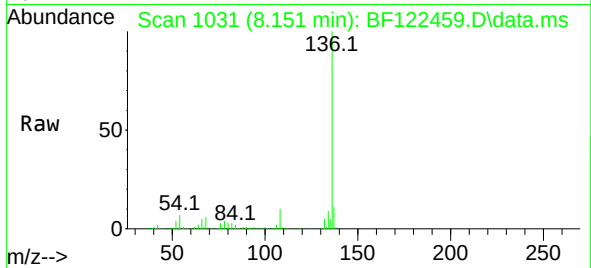
Ion	Ratio	Lower	Upper
94	100		
65	26.6	17.1	57.1
66	36.2	36.0	76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

Instrument :
BNA_F
ClientSampled :
TP-2B

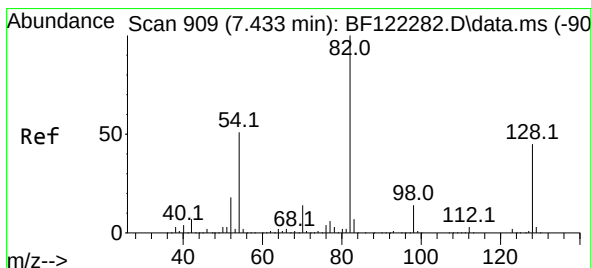
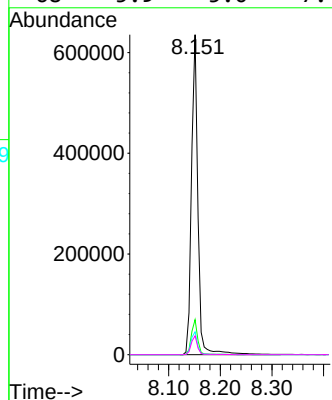


Tgt Ion:	136	Resp:	548526
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.1	7.1	10.7
68	5.9	5.0	7.4

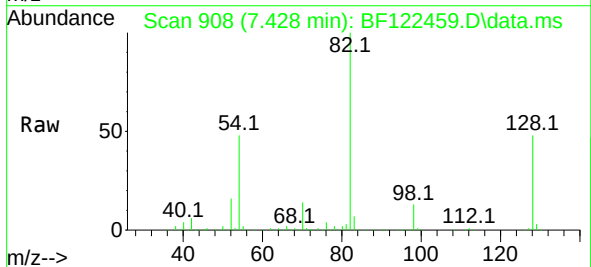
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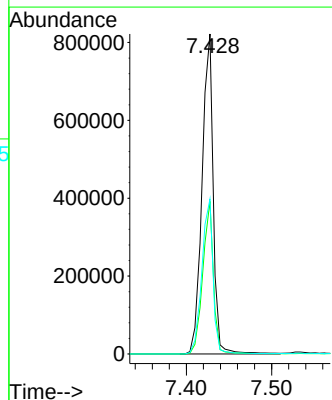
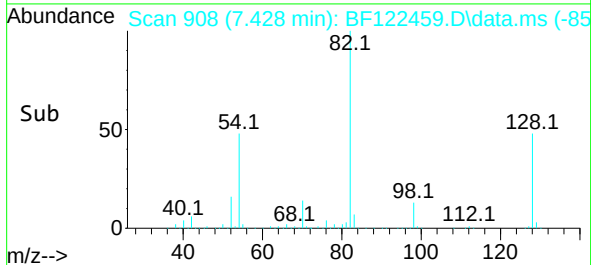
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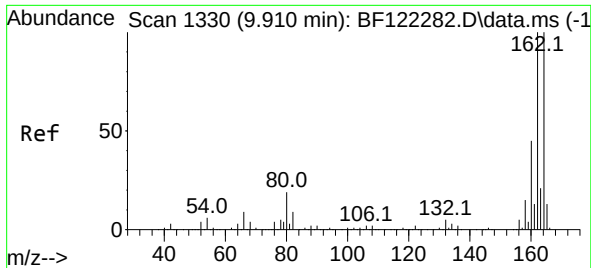


#23
Nitrobenzene-d5
Concen: 83.80 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

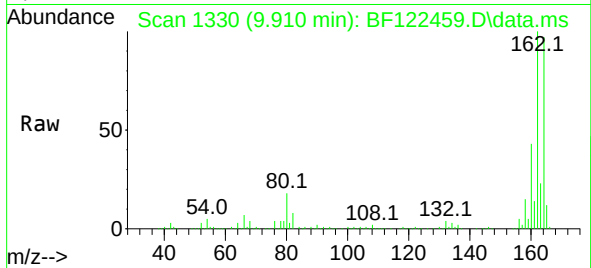


Tgt Ion:	82	Resp:	750867
Ion	Ratio	Lower	Upper
82	100		
128	47.7	35.0	52.4
54	48.4	43.9	65.9

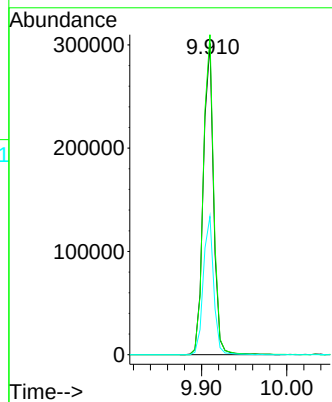
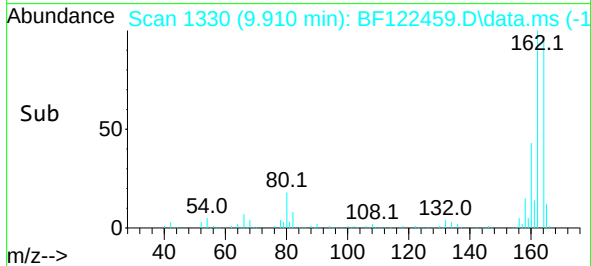




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29



Tgt Ion:164 Resp: 254165
Ion Ratio Lower Upper
164 100
162 102.8 83.2 124.8
160 44.4 37.5 56.3

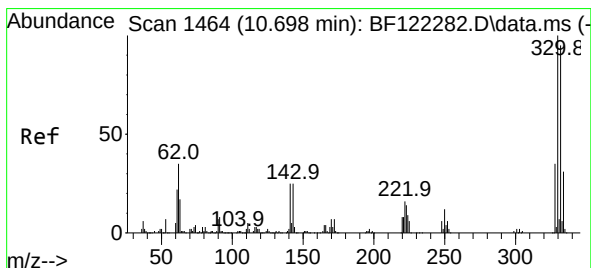


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ClientSampleId :
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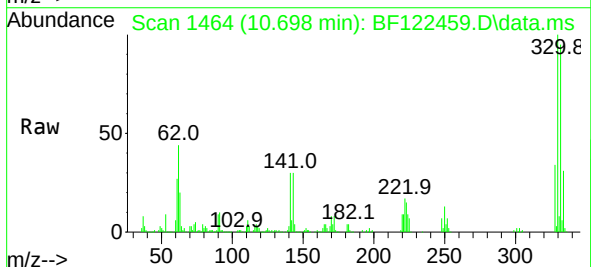
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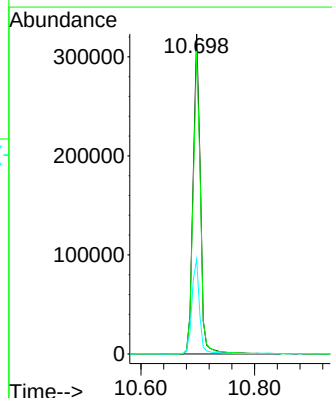
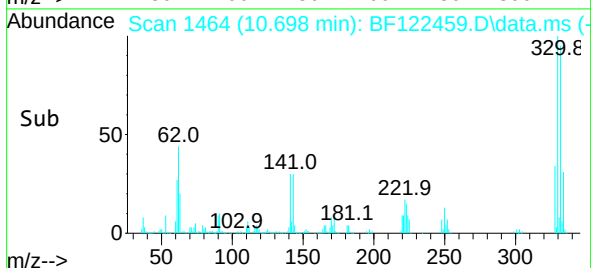
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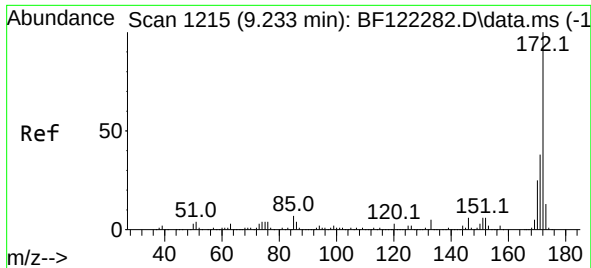


#42
2,4,6-Tribromophenol
Concen: 105.31 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

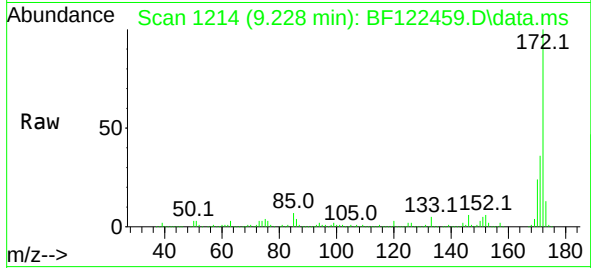


Tgt Ion:330 Resp: 287272
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 31.5 22.3 33.5

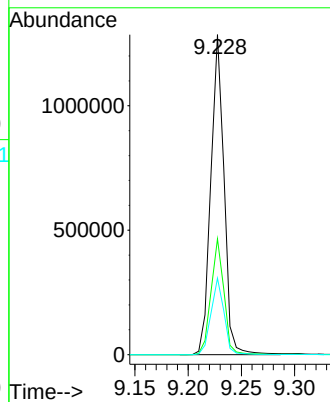
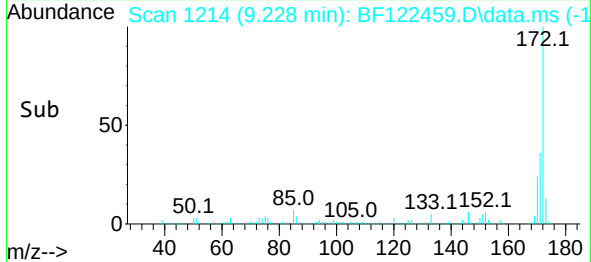




#45
2-Fluorobiphenyl
Concen: 68.60 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29



Tgt Ion:172 Resp: 1115998
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 23.9 19.8 29.6

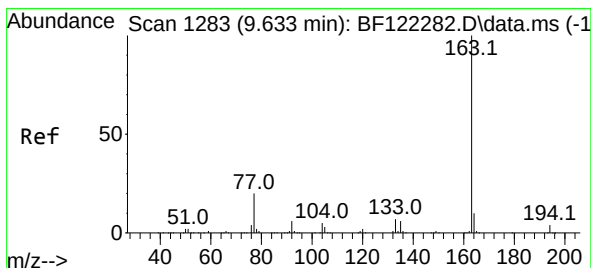


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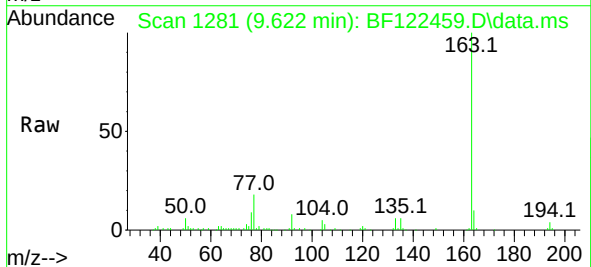
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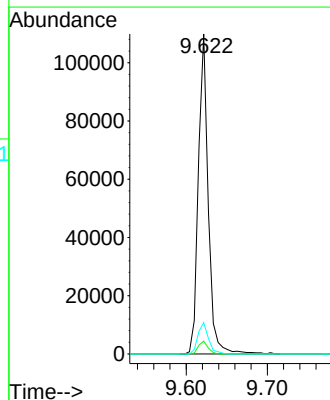
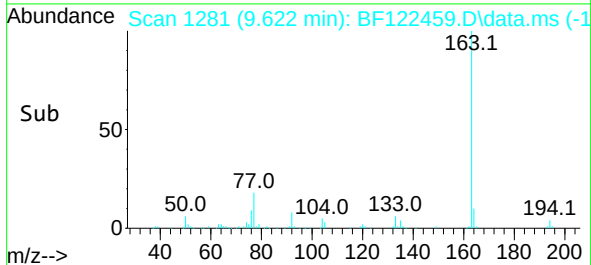
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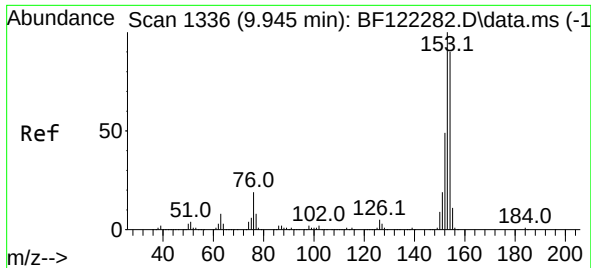


#50
Dimethylphthalate
Concen: 5.18 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

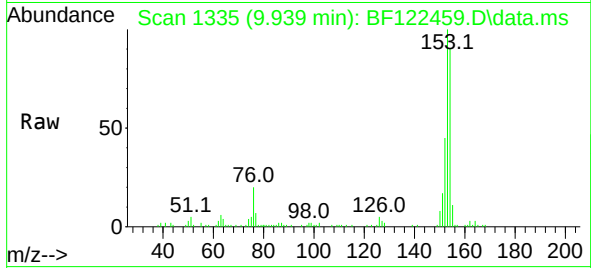


Tgt Ion:163 Resp: 93535
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 8.2 12.4

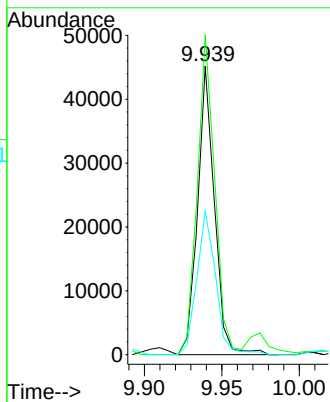
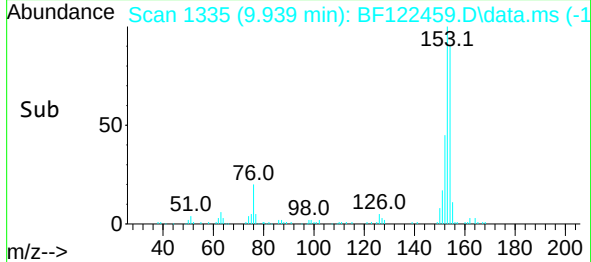




#52
Acenaphthene
Concen: 2.25 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29



Tgt Ion:154 Resp: 34305
Ion Ratio Lower Upper
154 100
153 110.9 89.8 134.8
152 49.8 43.2 64.8

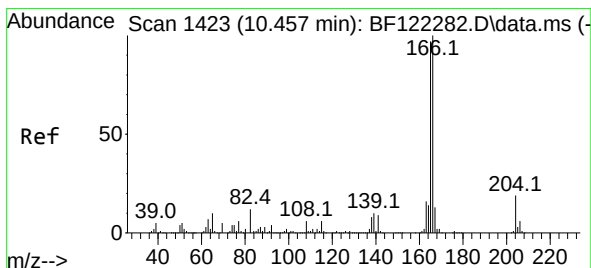


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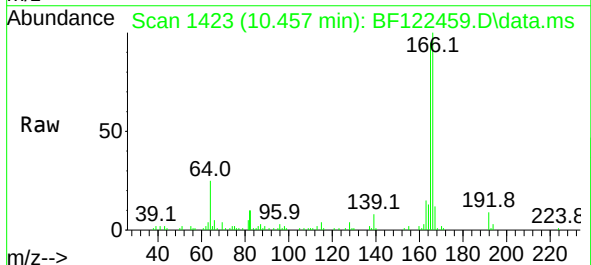
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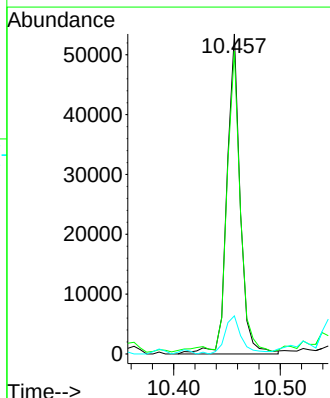
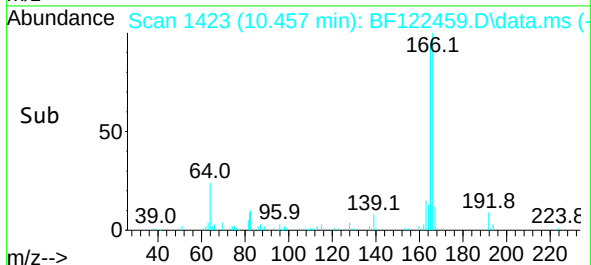
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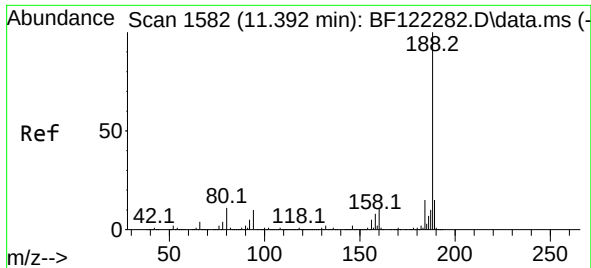


#58
Fluorene
Concen: 2.68 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29



Tgt Ion:166 Resp: 45874
Ion Ratio Lower Upper
166 100
165 94.7 79.1 118.7
167 11.9 11.0 16.6





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

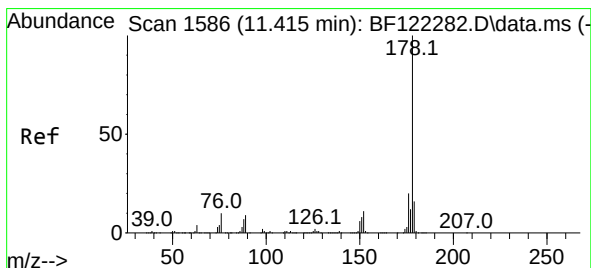
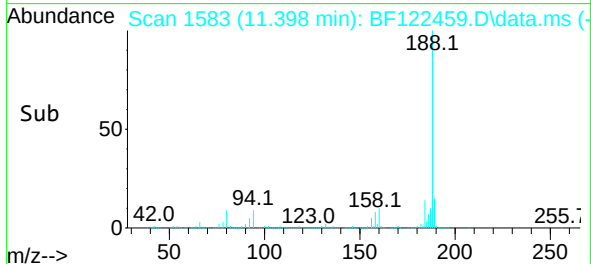
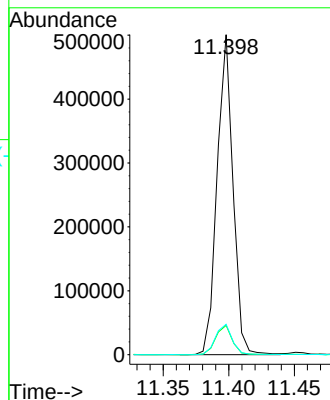
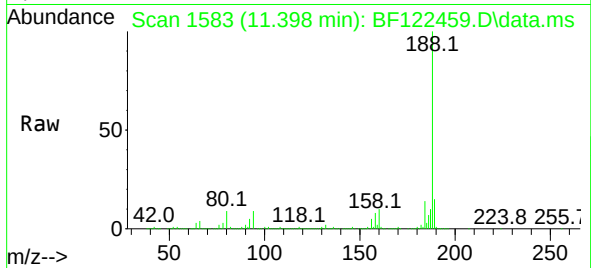
Tgt Ion:188 Resp: 421064
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.5 9.1 13.7

Instrument :
BNA_F
ClientSampleId :
TP-2B

Manual Integrations
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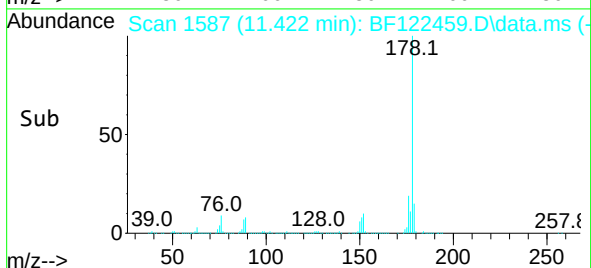
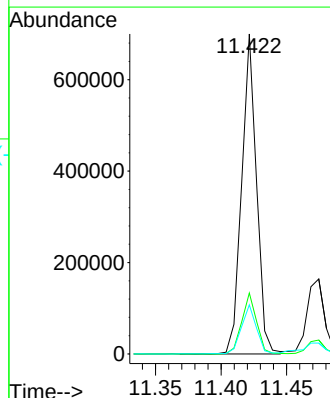
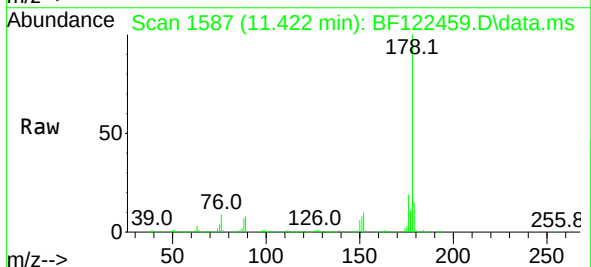
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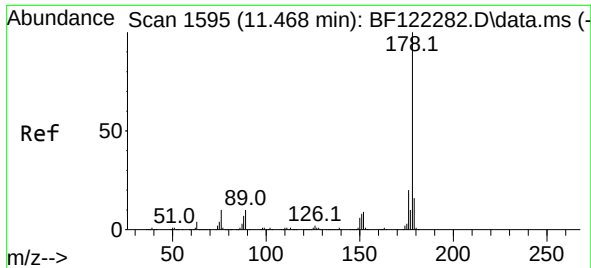
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#71
Phenanthrene
Concen: 23.11 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

Tgt Ion:178 Resp: 552173
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.4 12.2 18.4





#72
 Anthracene
 Concen: 5.89 ng
 RT: 11.474 min Scan# 1596
 Delta R.T. -0.006 min
 Lab File: BF122459.D
 Acq: 23 Nov 2020 21:29

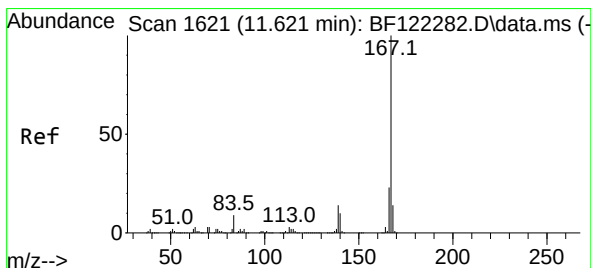
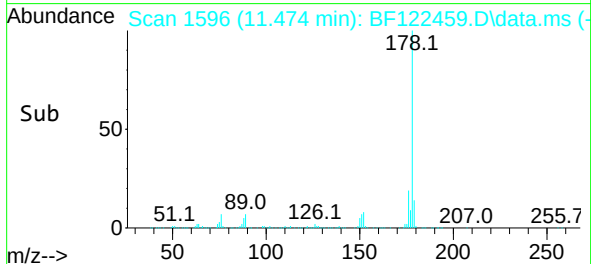
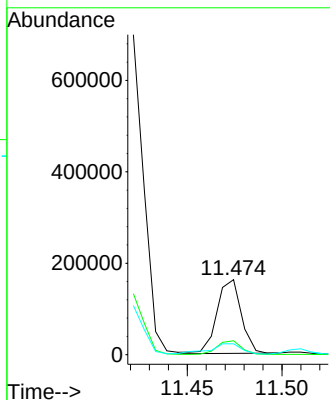
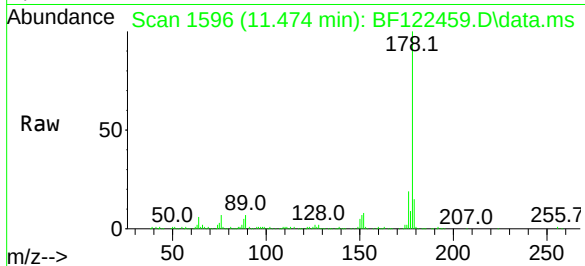
Tgt Ion:178 Resp: 144928
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.7 23.5
 179 14.6 12.7 19.1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2B

Manual Integrations
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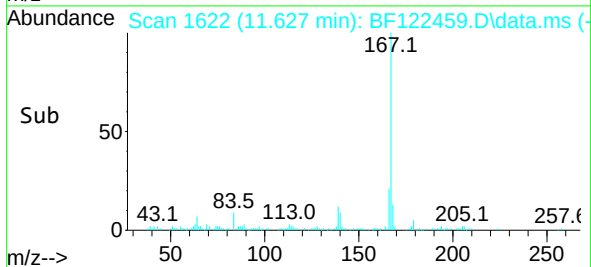
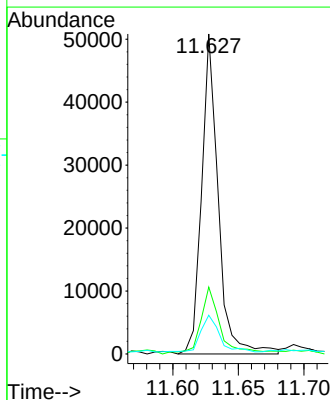
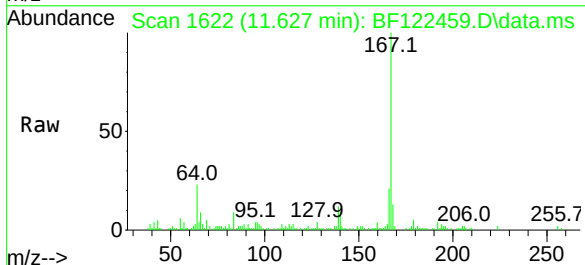
mohammad

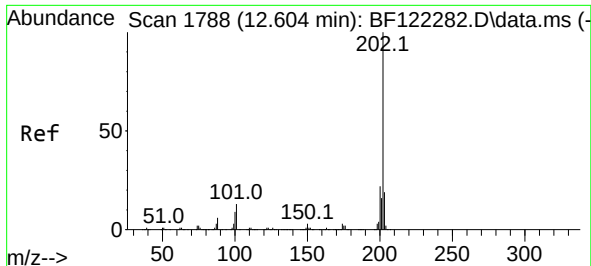
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#73
 Carbazole
 Concen: 2.00 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF122459.D
 Acq: 23 Nov 2020 21:29

Tgt Ion:167 Resp: 44887
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.8 26.6
 139 12.1 10.8 16.2





#75
Fluoranthene
Concen: 31.00 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.012 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

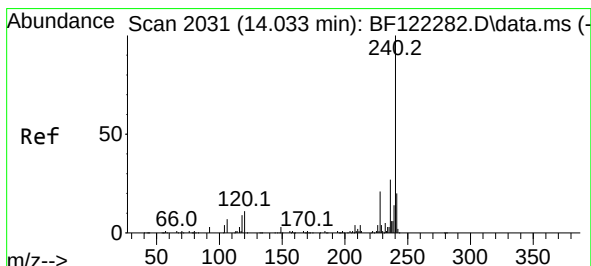
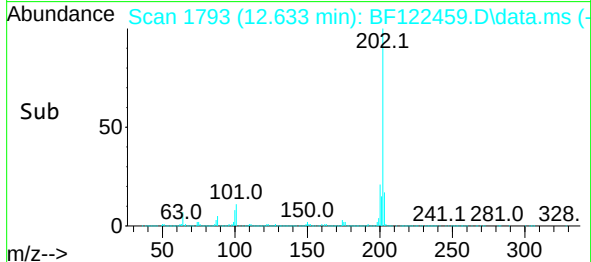
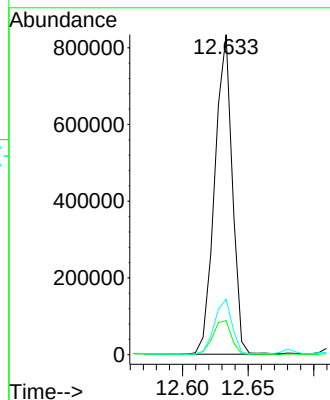
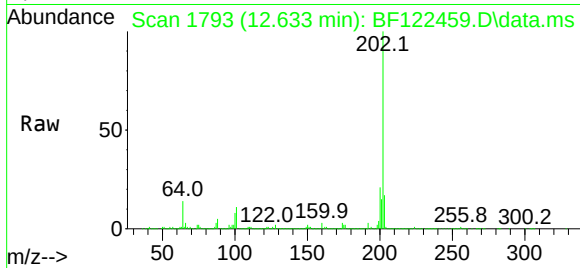
Tgt Ion:202 Resp: 773062
Ion Ratio Lower Upper
202 100
101 10.7 0.0 33.4
203 17.4 0.0 37.9

Instrument :
BNA_F
ClientSampleId :
TP-2B

Manual Integrations
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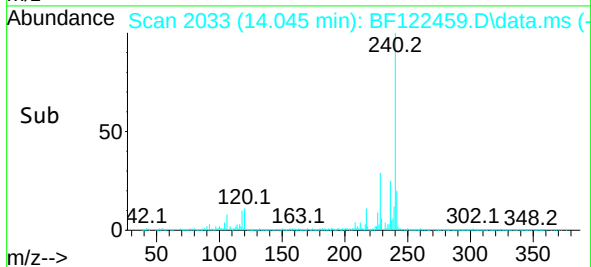
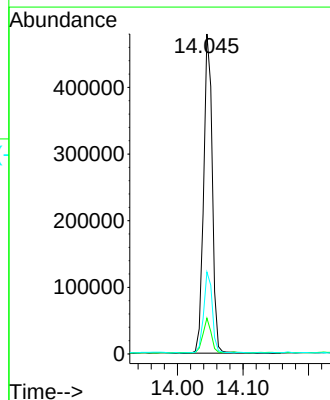
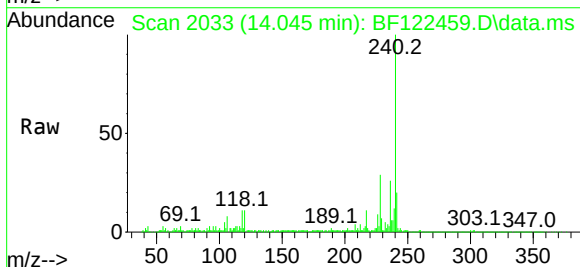
mohammad

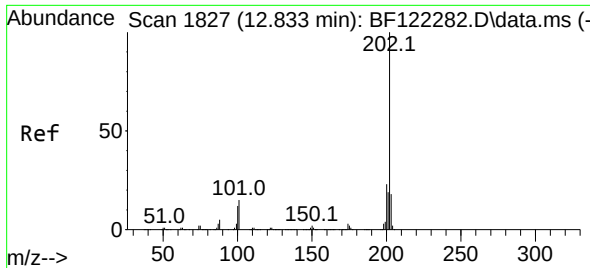
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

Tgt Ion:240 Resp: 439962
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.6 20.9 31.3





#78
Pyrene
Concen: 22.62 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

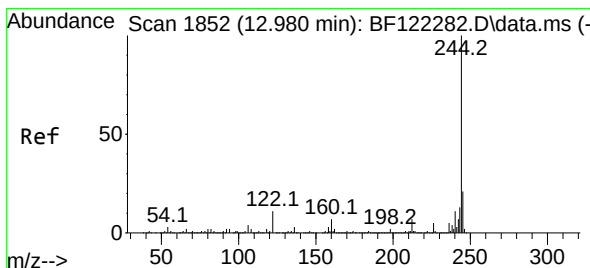
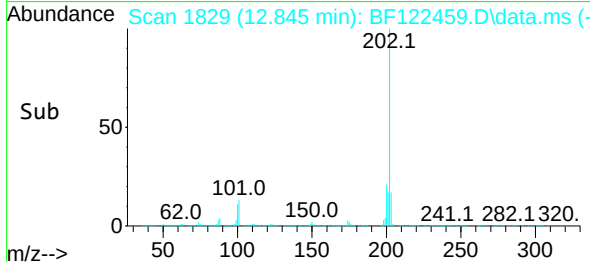
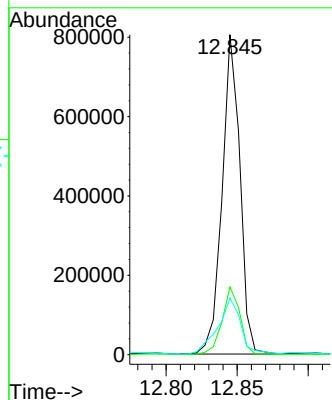
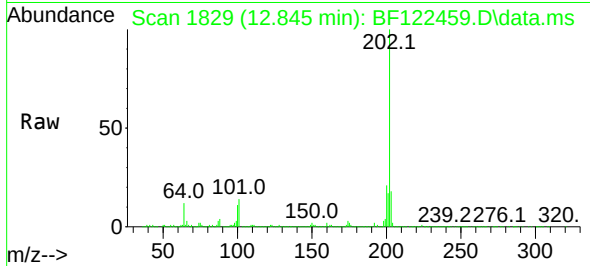
Tgt Ion:202	Resp: 699116
Ion Ratio	Lower Upper
202 100	
200 21.1	17.4 26.2
203 17.7	14.6 21.8

Instrument :
BNA_F
ClientSampleId :
TP-2B

Manual Integrations
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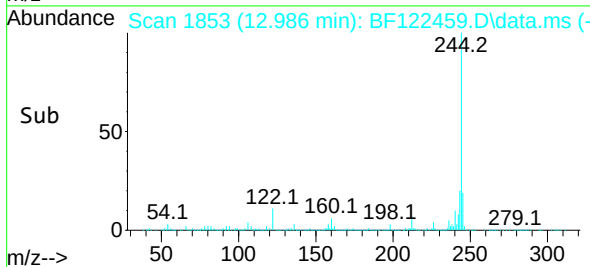
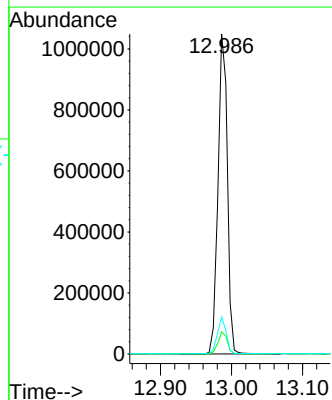
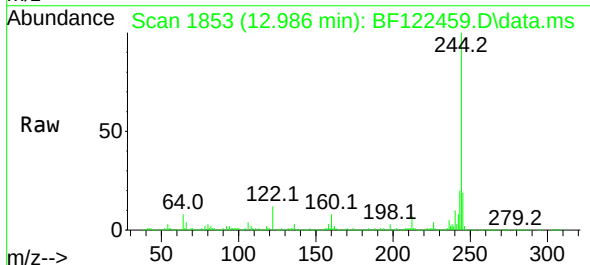
mohammad

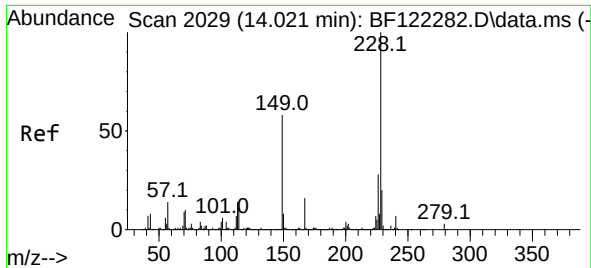
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#79
Terphenyl-d14
Concen: 46.10 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

Tgt Ion:244	Resp: 957481
Ion Ratio	Lower Upper
244 100	
212 6.9	5.4 8.2
122 11.5	8.1 12.1





#81
Benzo(a)anthracene
Concen: 13.99 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

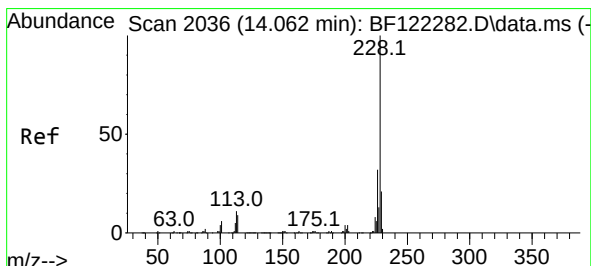
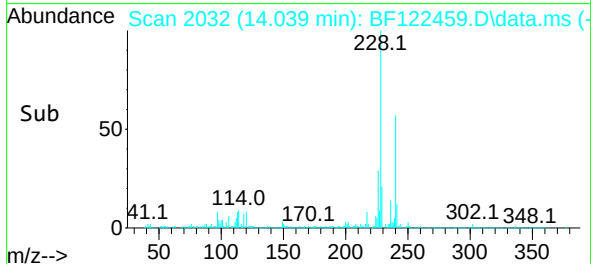
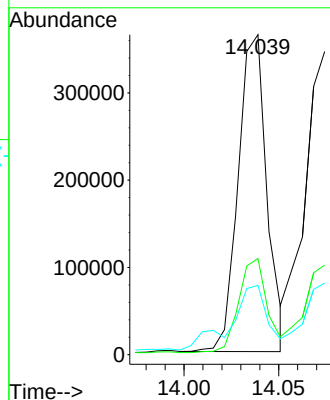
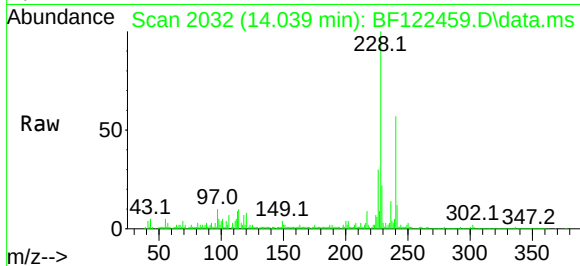
Tgt Ion:228 Resp: 382673
Ion Ratio Lower Upper
228 100
226 30.0 22.3 33.5
229 21.6 16.2 24.4

Instrument :
BNA_F
ClientSampled :
TP-2B

Manual Integrations
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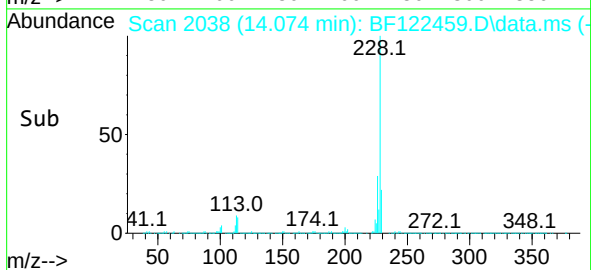
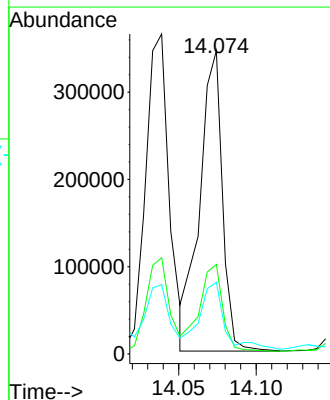
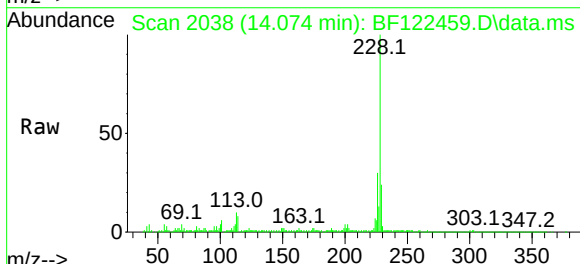
mohammad

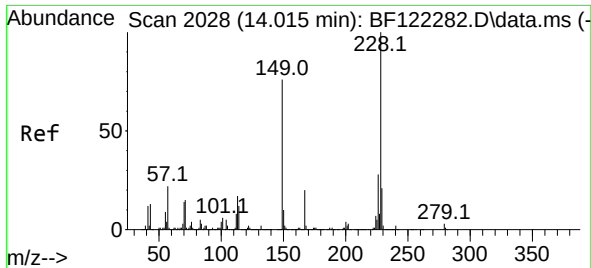
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#83
Chrysene
Concen: 12.74 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

Tgt Ion:228 Resp: 351182
Ion Ratio Lower Upper
228 100
226 29.5 24.6 37.0
229 23.7 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.28 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

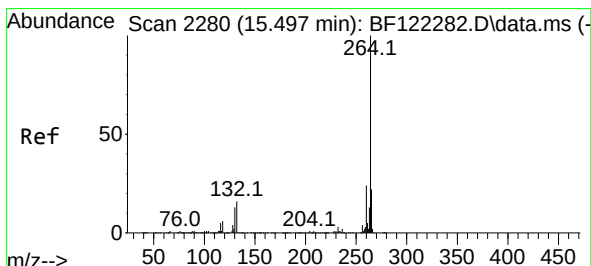
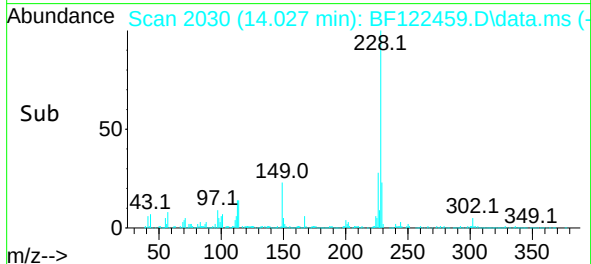
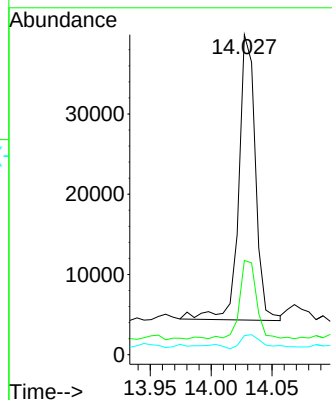
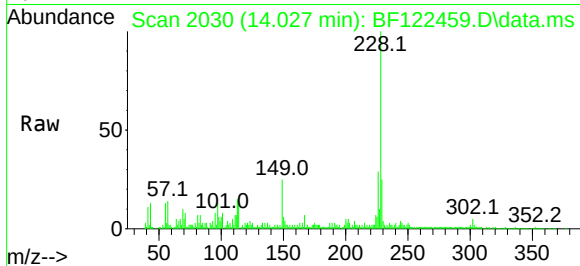
Tgt Ion:149 Resp: 33909
Ion Ratio Lower Upper
149 100
167 29.4 20.9 31.3
279 6.0 3.2 4.8#

Instrument :
BNA_F
ClientSampled :
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Manual Integrations
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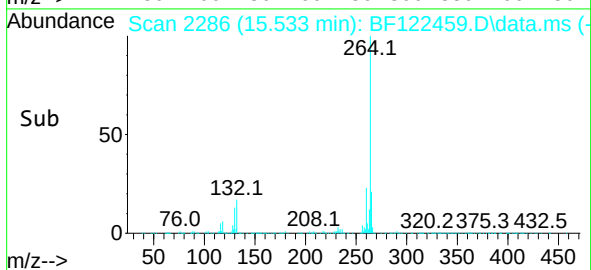
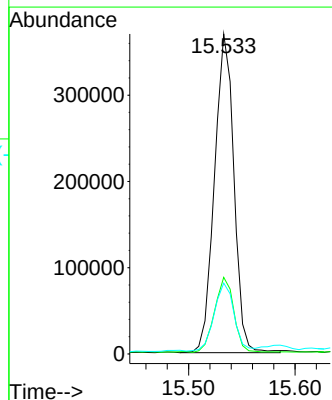
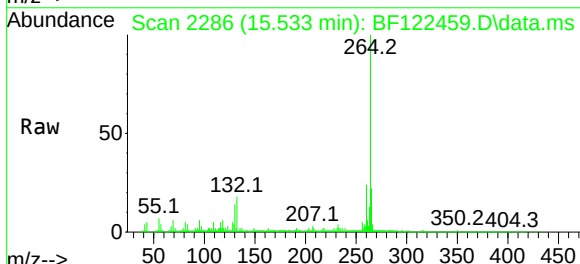
mohammad

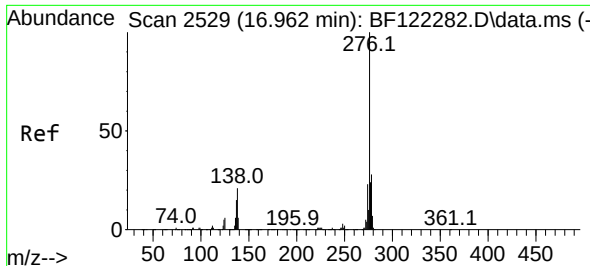
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

Tgt Ion:264 Resp: 468654
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.1 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.78 ng
RT: 17.015 min Scan# 2538
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

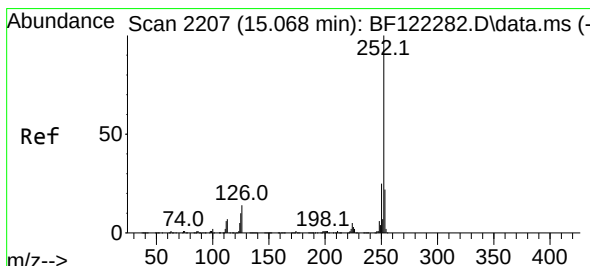
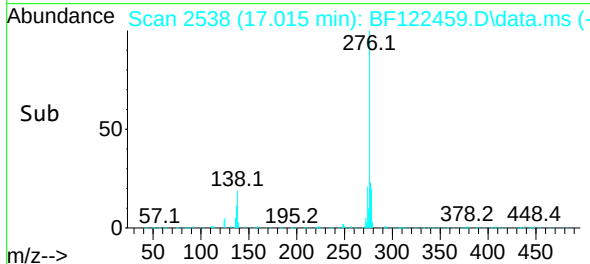
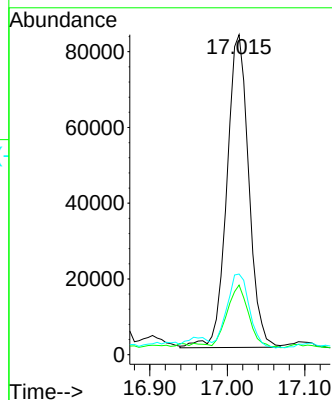
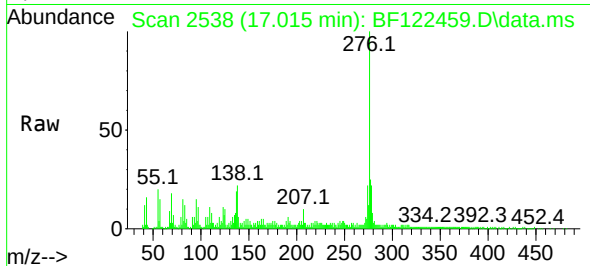
Tgt Ion: 276 Resp: 162561
Ion Ratio Lower Upper
276 100
138 19.7 19.9 29.9#
277 24.2 20.4 30.6

Instrument :
BNA_F
ClientSampleId :
TP-2B

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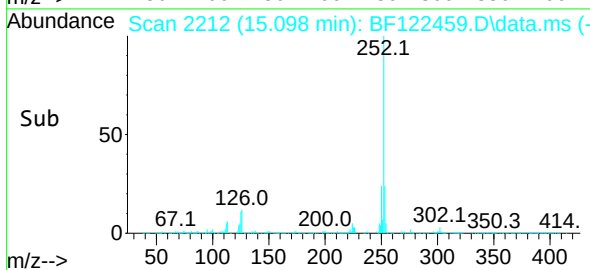
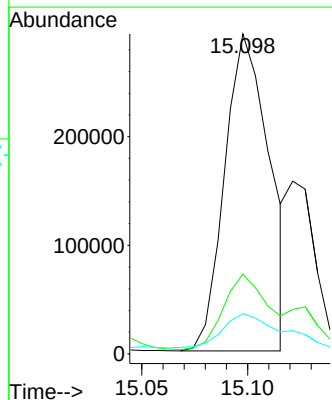
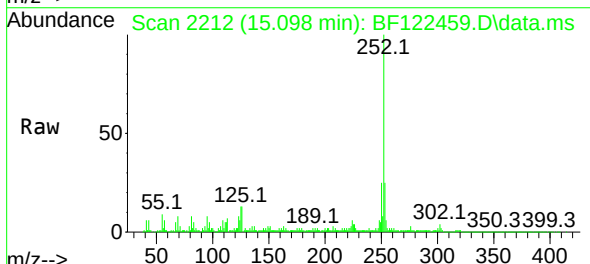
mohammad

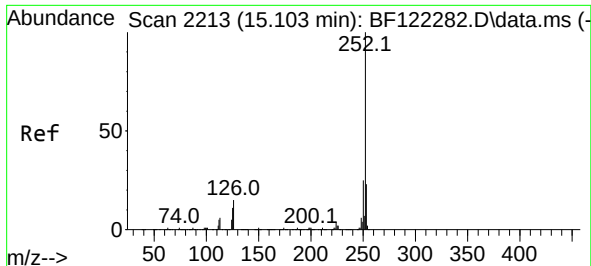
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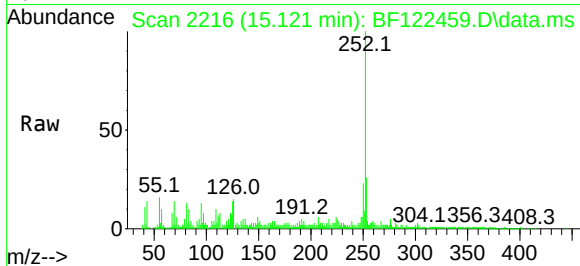
#88
Benzo(b)fluoranthene
Concen: 14.14 ng m
RT: 15.098 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29

Tgt Ion: 252 Resp: 429302
Ion Ratio Lower Upper
252 100
253 24.9 18.2 27.2
125 12.6 8.0 12.0#

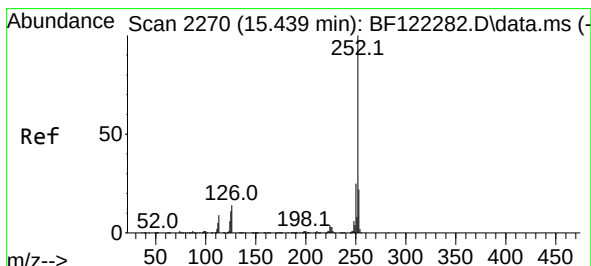
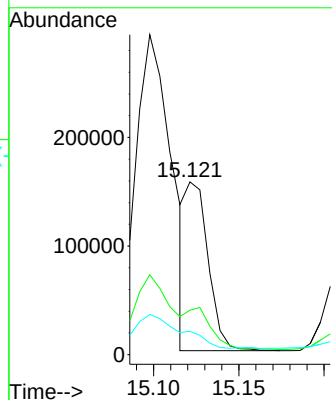
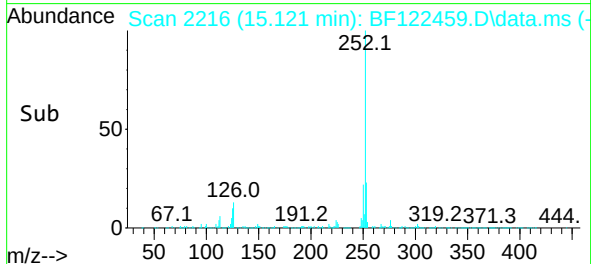




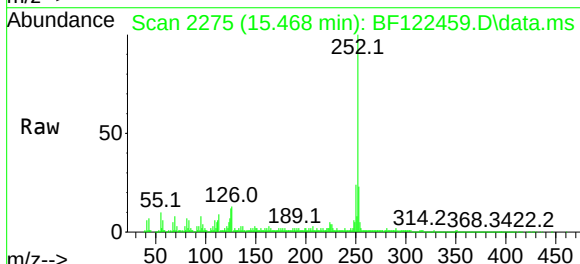
#89
Benzo(k)fluoranthene
Concen: 4.79 ng m
RT: 15.121 min Scan# 2216
Delta R.T. -0.012 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29



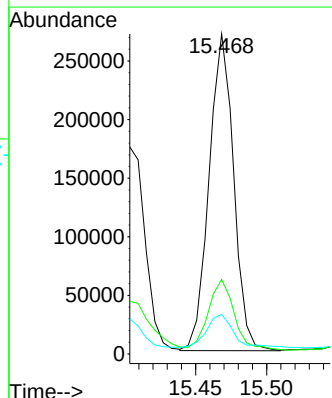
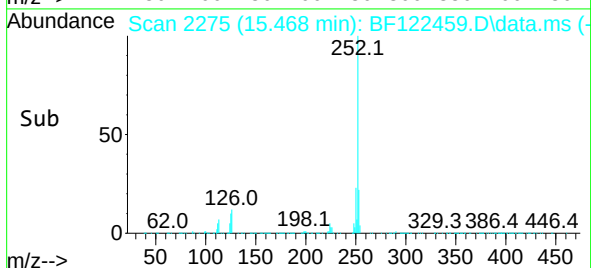
Tgt Ion:252 Resp: 141704
Ion Ratio Lower Upper
252 100
253 25.8 17.8 26.6
125 13.5 7.7 11.5#



#90
Benzo(a)pyrene
Concen: 12.26 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29



Tgt Ion:252 Resp: 324352
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 12.3 8.6 13.0

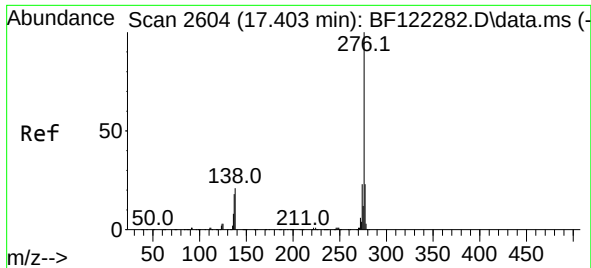


Instrument :
BNA_F
ClientSampled :
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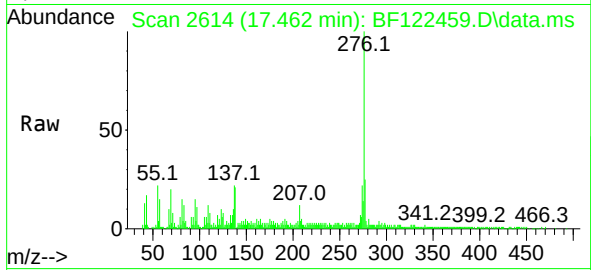
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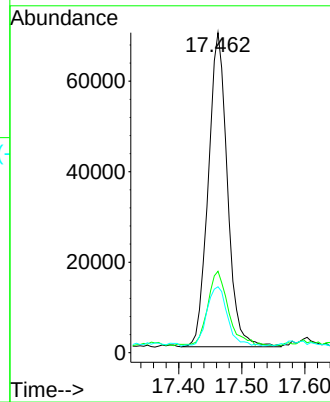
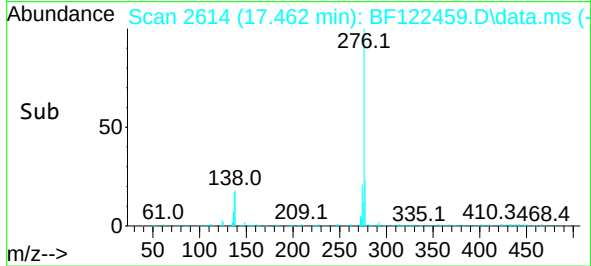
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#92
Benzo(g,h,i)perylene
Concen: 6.37 ng
RT: 17.462 min Scan# 2614
Delta R.T. -0.006 min
Lab File: BF122459.D
Acq: 23 Nov 2020 21:29



Tgt Ion: 276 Resp: 145819
Ion Ratio Lower Upper
276 100
277 25.4 19.4 29.2
138 20.6 17.8 26.6



Instrument :
BNA_F
ClientSampleId :
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