

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
 Data File : BF122508.D
 Acq On : 30 Nov 2020 15:52
 Operator : JU/CG
 Sample : L4900-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B2-112520-10-12.75

Manual Integrations
 APPROVED

mohammad
 12/1/2020 10:42:50 AM

Quant Time: Nov 30 16:32:31 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	175824	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	710327	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	387442	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	736252	20.00	ng	# 0.00
76) Chrysene-d12	14.027	240	682799	20.00	ng	0.00
86) Perylene-d12	15.498	264	623345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	858309	74.96	ng	0.00
7) Phenol-d6	6.487	99	1086164	72.51	ng	-0.01
23) Nitrobenzene-d5	7.416	82	670463	57.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	347827	83.65	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1329833	53.63	ng	0.00
79) Terphenyl-d14	12.974	244	1639136	50.86	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.498	94	120839	8.19	ng	# 74
31) Naphthalene	8.163	128	138076	3.66	ng	99
32) Benzoic acid	7.928	122	5916m	8.69	ng	
50) Dimethylphthalate	9.610	163	122159	4.44	ng	100
52) Acenaphthene	9.927	154	51042	2.19	ng	99
71) Phenanthrene	11.410	178	476856	11.42	ng	99
72) Anthracene	11.457	178	97484	2.26	ng	98
75) Fluoranthene	12.598	202	497093	11.40	ng	97
78) Pyrene	12.827	202	439378	9.16	ng	99
81) Benzo(a)anthracene	14.015	228	214729	5.06	ng	98
83) Chrysene	14.051	228	216255m	5.06	ng	
87) Indeno(1,2,3-cd)pyrene	16.956	276	100501	2.69	ng	95
88) Benzo(b)fluoranthene	15.068	252	239353m	5.93	ng	
90) Benzo(a)pyrene	15.433	252	170878	4.86	ng	97
92) Benzo(g,h,i)perylene	17.398	276	98661	3.24	ng	97

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

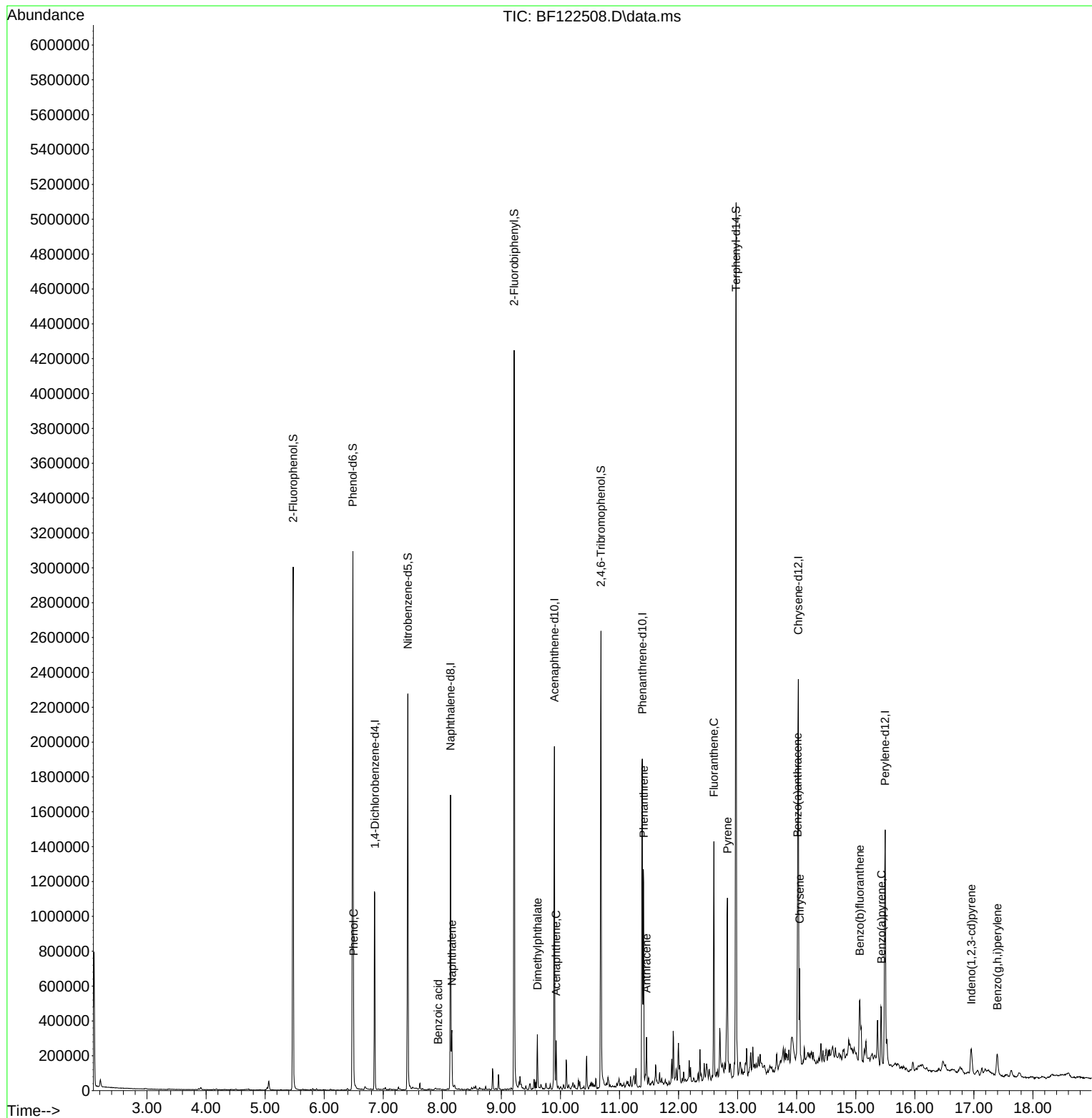
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122508.D
Acq On : 30 Nov 2020 15:52
Operator : JU/CG
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ALS Vial : 8 Sample Multiplier: 1

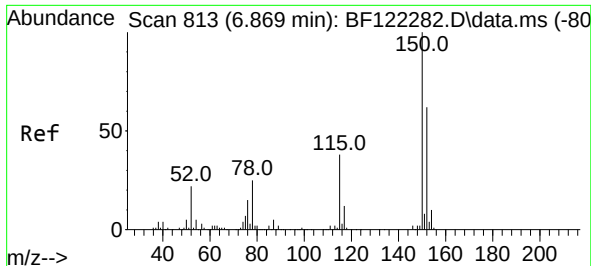
Instrument :
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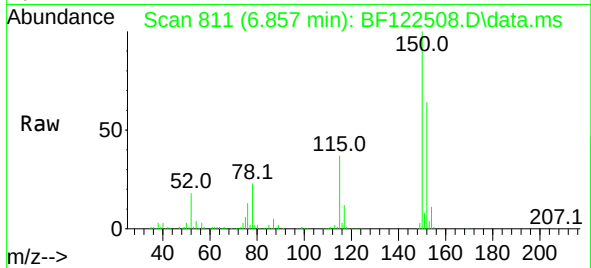
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
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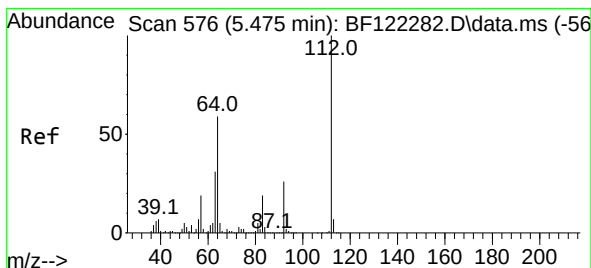
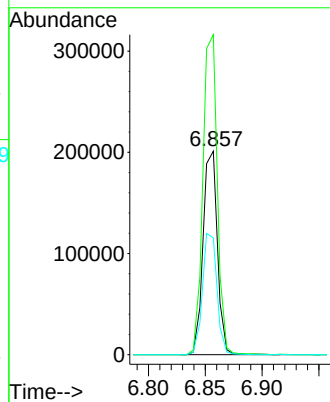
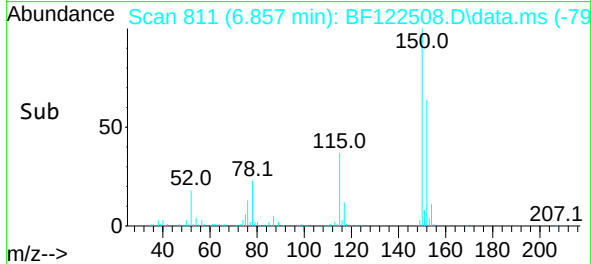




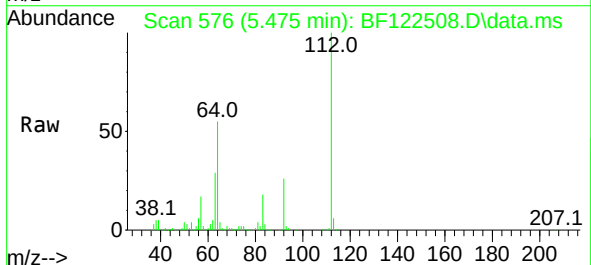
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52



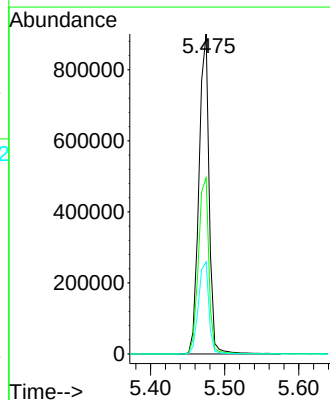
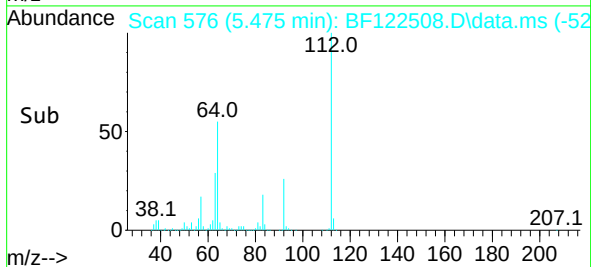
Tgt Ion:152 Resp: 175824
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 57.4 51.9 77.9



#5
2-Fluorophenol
Concen: 74.96 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52



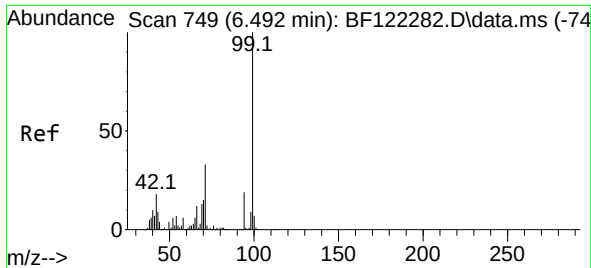
Tgt Ion:112 Resp: 858309
Ion Ratio Lower Upper
112 100
64 55.0 50.4 75.6
63 28.8 25.8 38.6



Instrument :
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#7
Phenol-d6
Concen: 72.51 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

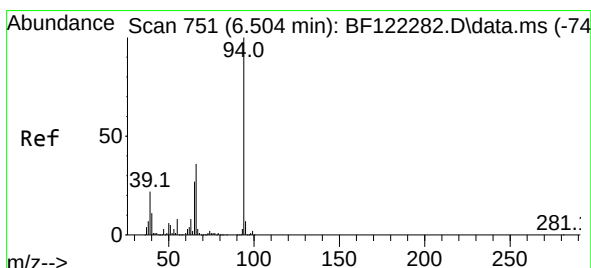
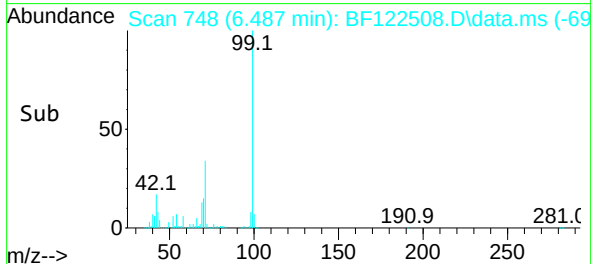
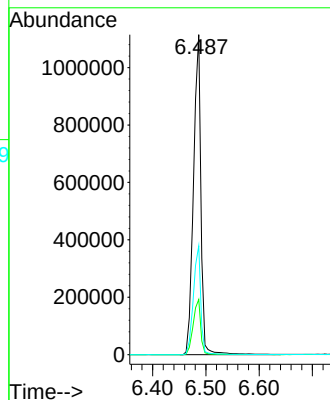
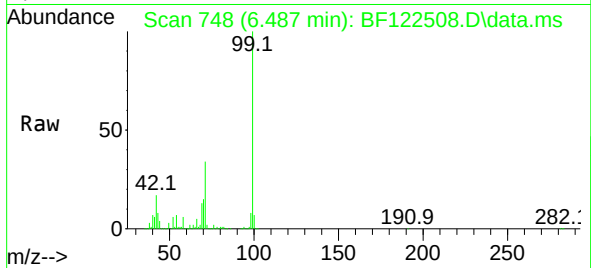
Tgt Ion: 99 Resp: 1086164

Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.9	23.9
71	34.0	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
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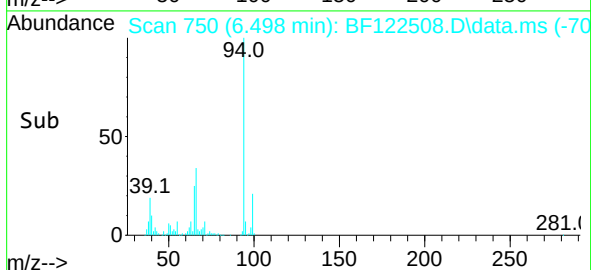
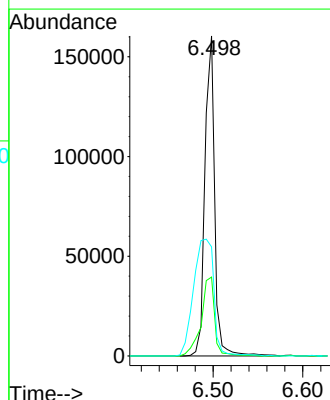
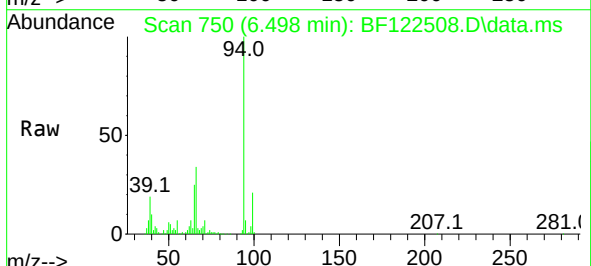
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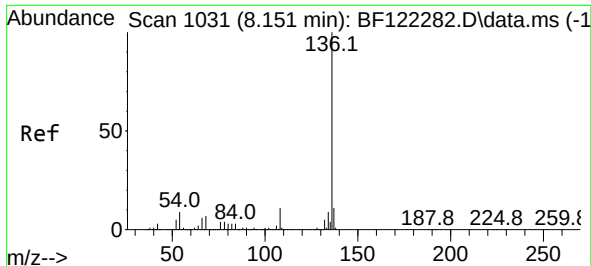


#10
Phenol
Concen: 8.19 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

Tgt Ion: 94 Resp: 120839

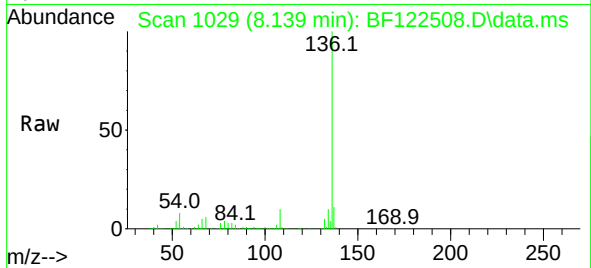
Ion	Ratio	Lower	Upper
94	100		
65	24.6	17.1	57.1
66	34.1	36.0	76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

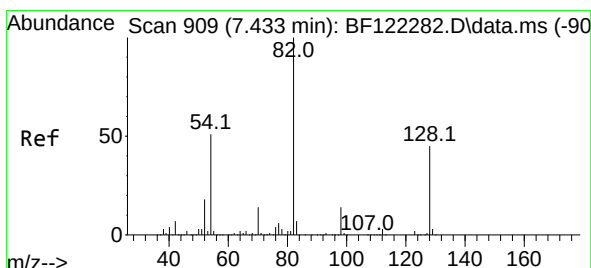
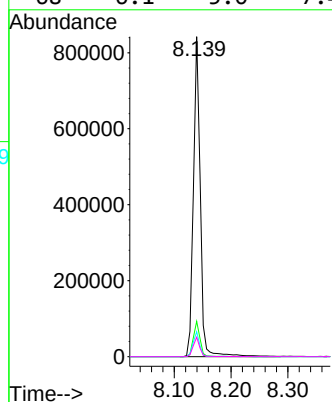
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ClientSampleId :
PAV-B2-112520-10-12.75



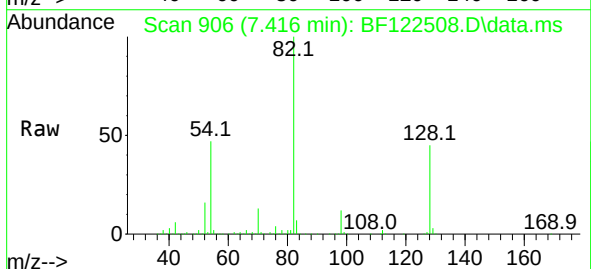
Tgt Ion:	136	Resp:	710327
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.8	7.1	10.7
68	6.1	5.0	7.4

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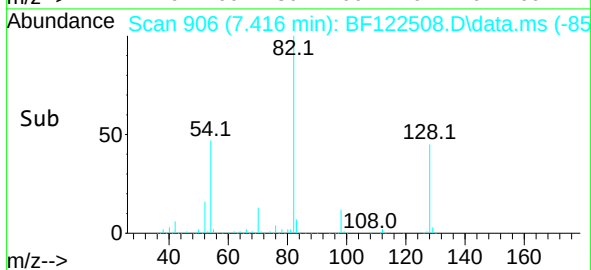
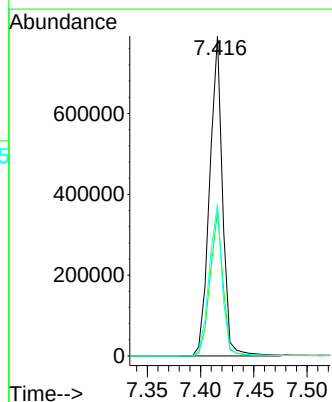
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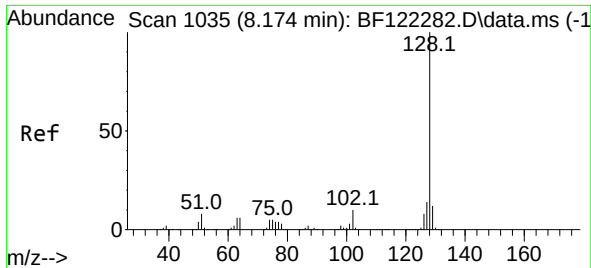


#23
Nitrobenzene-d5
Concen: 57.78 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52



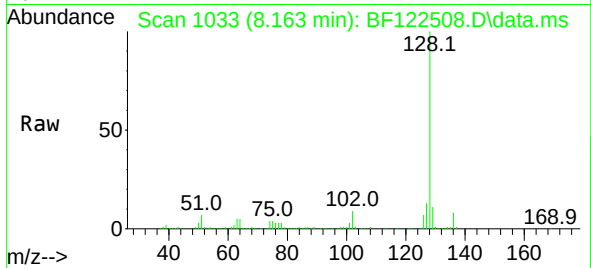
Tgt Ion:	82	Resp:	670463
Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.0	52.4
54	47.4	43.9	65.9





#31
Naphthalene
Concen: 3.66 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

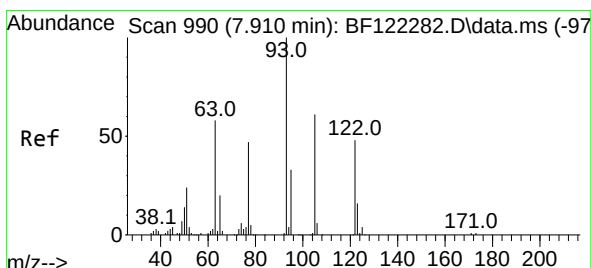
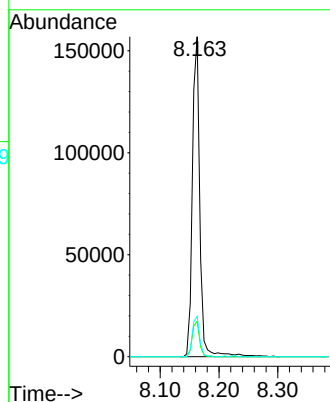
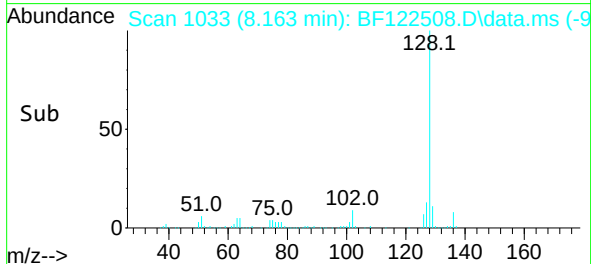
Instrument :
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ClientSampleId :
PAV-B2-112520-10-12.75



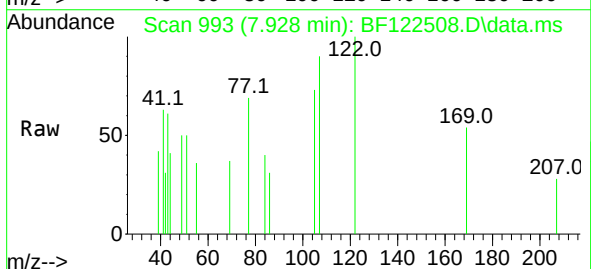
Tgt Ion:128 Resp: 138076
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.6 10.8 16.2

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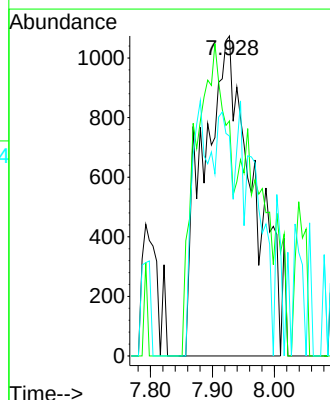
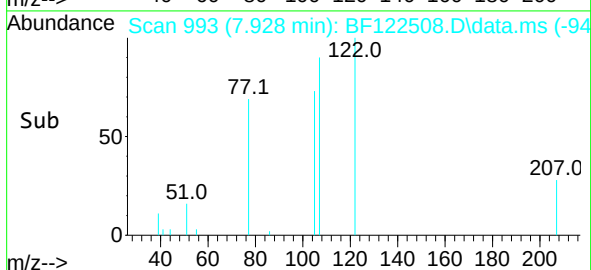
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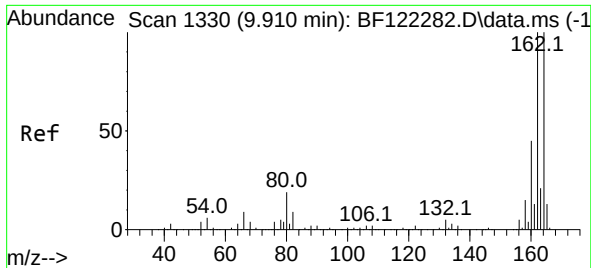


#32
Benzoic acid
Concen: 8.69 ng m
RT: 7.928 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52



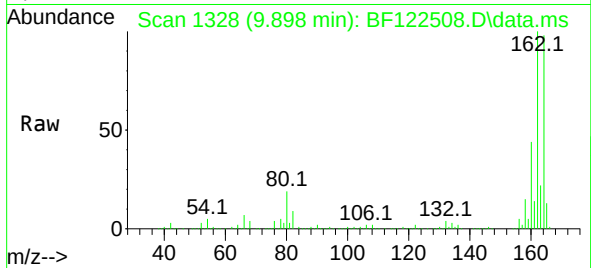
Tgt Ion:122 Resp: 5916
Ion Ratio Lower Upper
122 100
105 73.5 103.3 143.3#
77 68.7 73.9 113.9#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

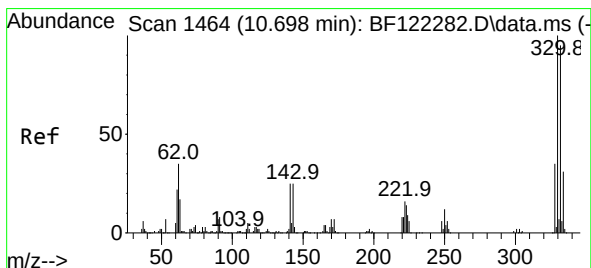
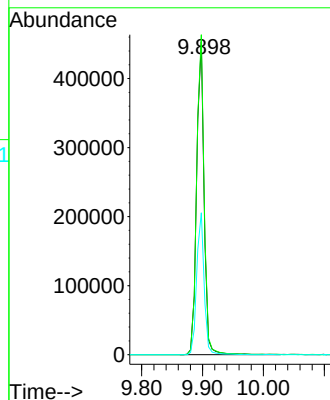
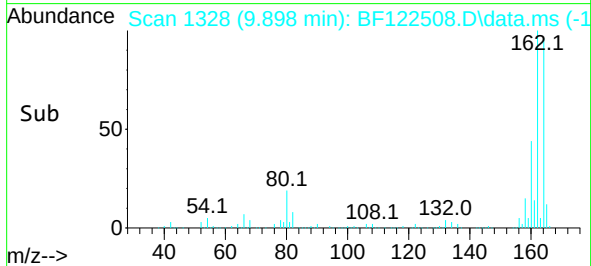
Instrument :
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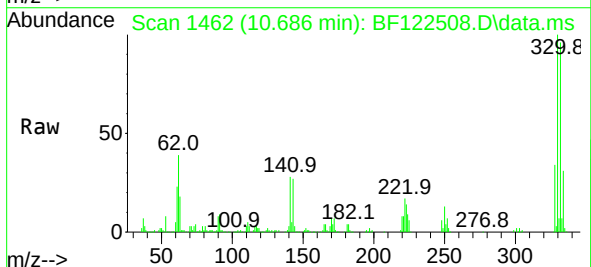
Tgt Ion:164 Resp: 387442
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 45.3 37.5 56.3

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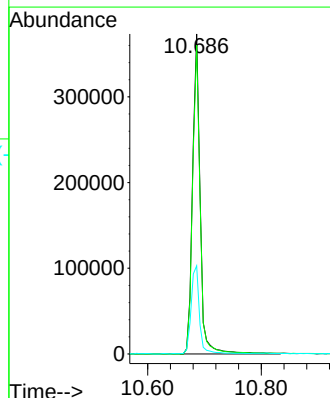
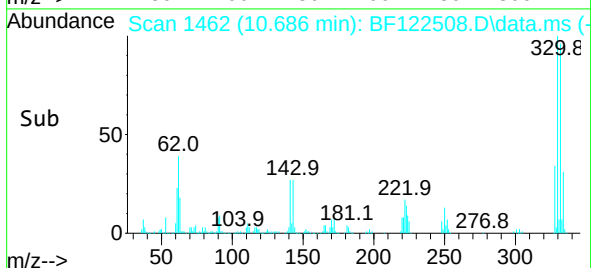
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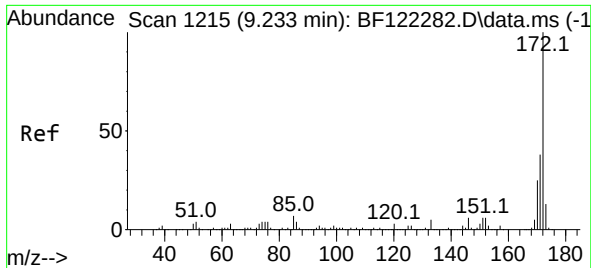


#42
2,4,6-Tribromophenol
Concen: 83.65 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52



Tgt Ion:330 Resp: 347827
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 30.5 22.3 33.5





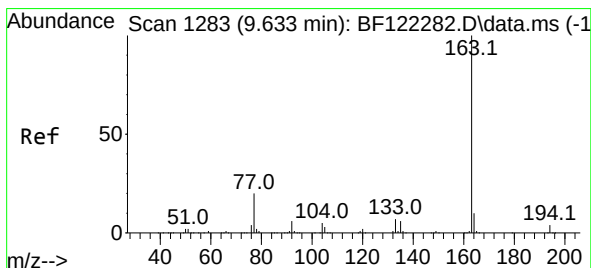
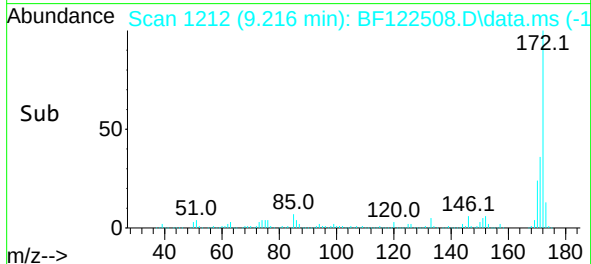
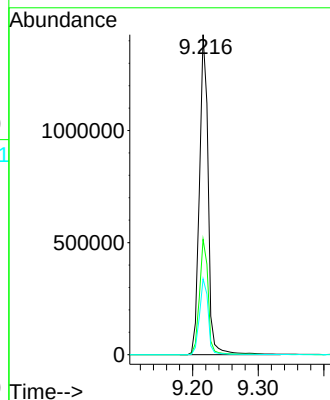
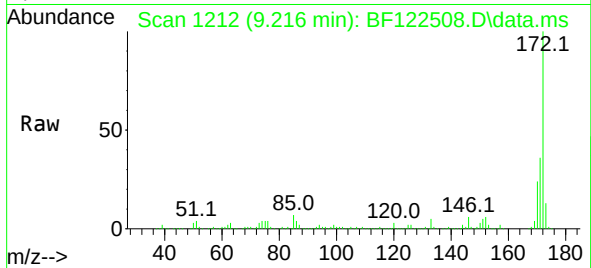
#45
2-Fluorobiphenyl
Concen: 53.63 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

Tgt Ion:172 Resp: 1329833
Ion Ratio Lower Upper
172 100
171 36.1 29.1 43.7
170 23.7 19.8 29.6

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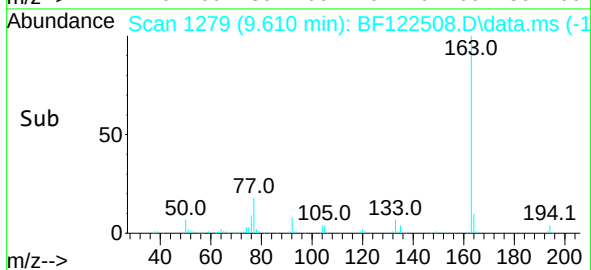
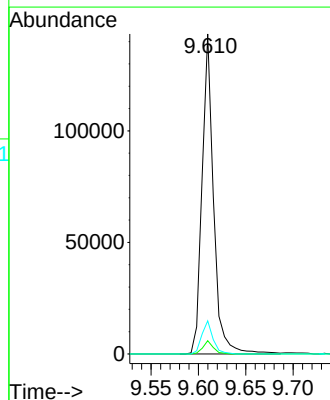
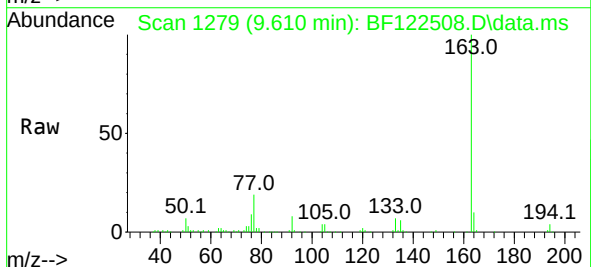
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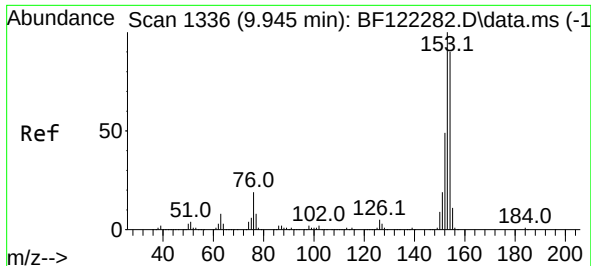
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#50
Dimethylphthalate
Concen: 4.44 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

Tgt Ion:163 Resp: 122159
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.2 12.4





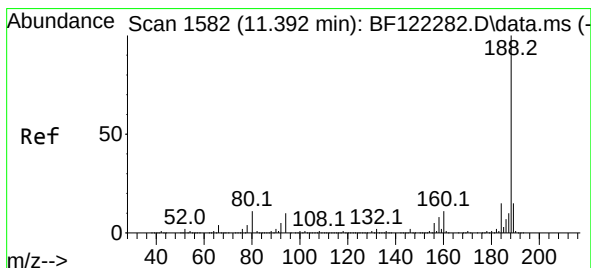
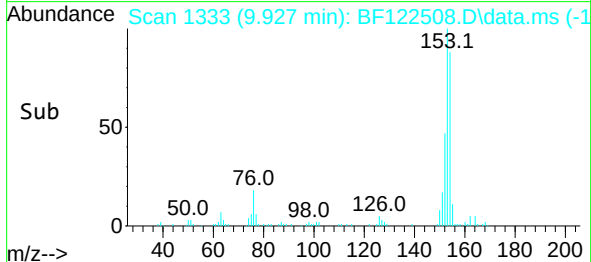
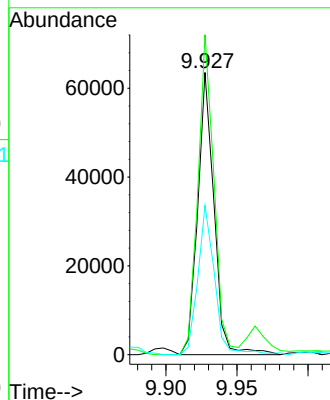
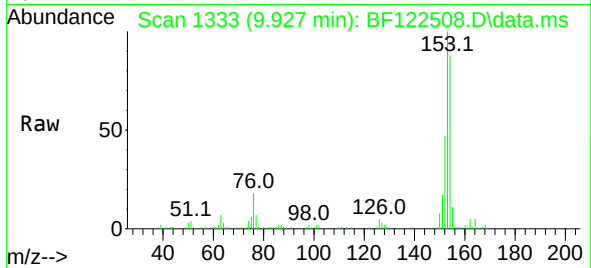
#52
Acenaphthene
Concen: 2.19 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.8	134.8
152	52.9	43.2	64.8

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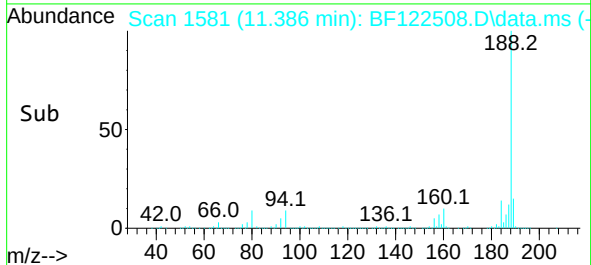
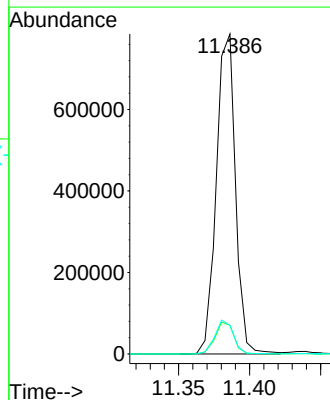
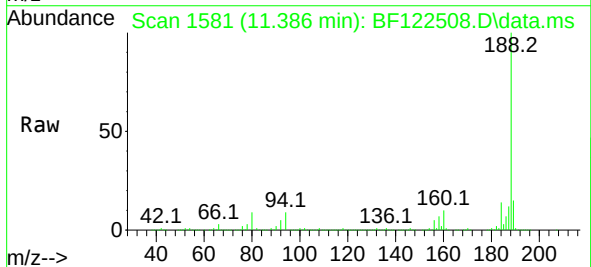
Manual Integrations
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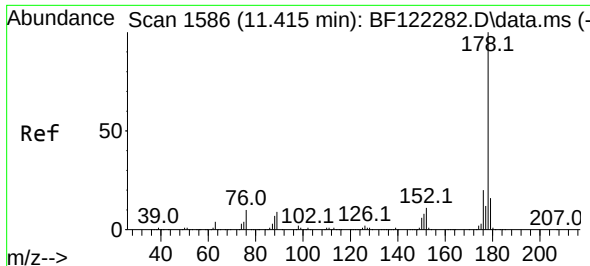
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

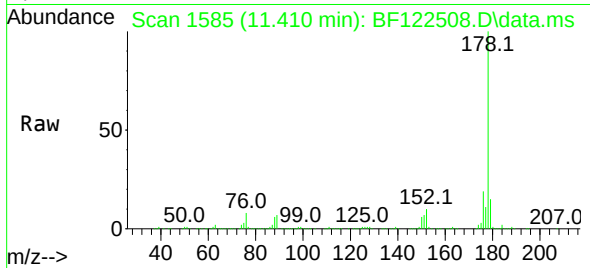
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.3	12.5
80	8.9	9.1	13.7





#71
Phenanthrene
Concen: 11.42 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

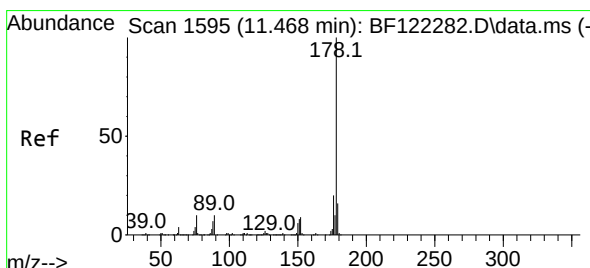
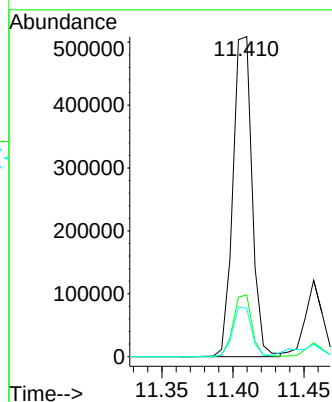
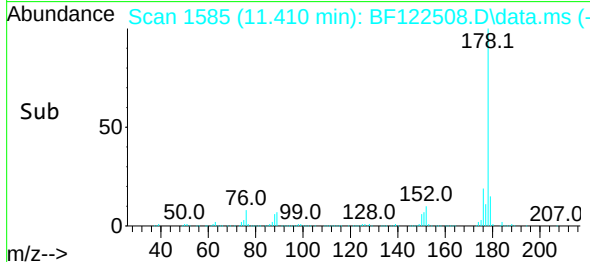
Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75



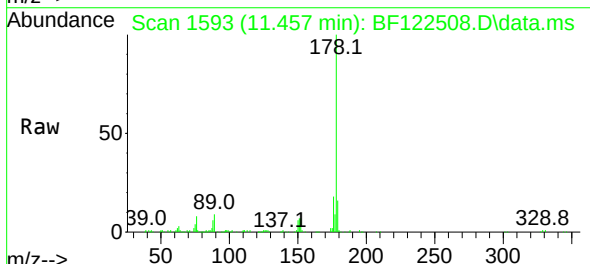
Tgt Ion:178 Resp: 476856
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.1 12.2 18.4

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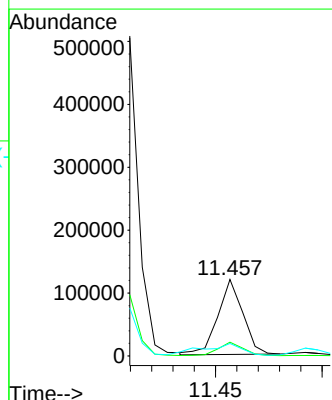
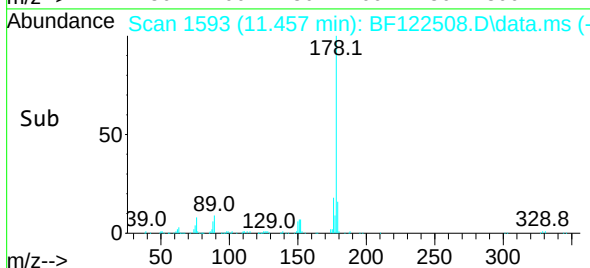
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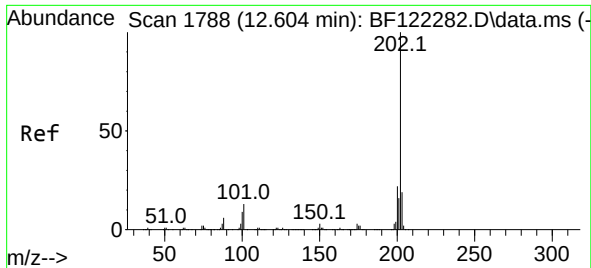


#72
Anthracene
Concen: 2.26 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

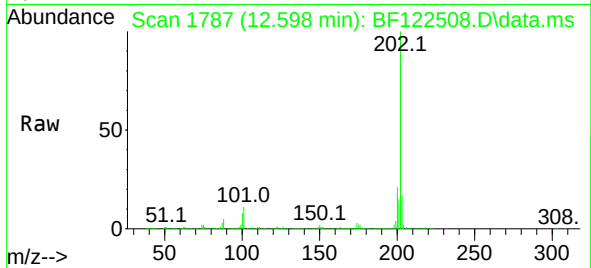


Tgt Ion:178 Resp: 97484
Ion Ratio Lower Upper
178 100
176 18.0 15.7 23.5
179 16.2 12.7 19.1

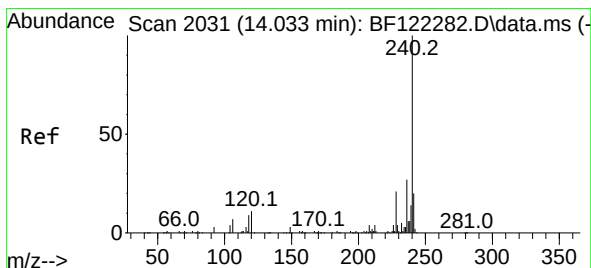
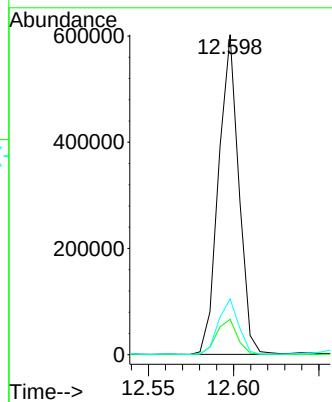
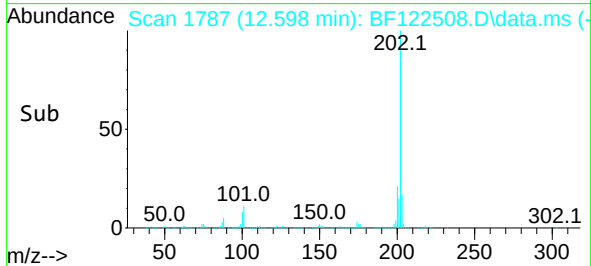




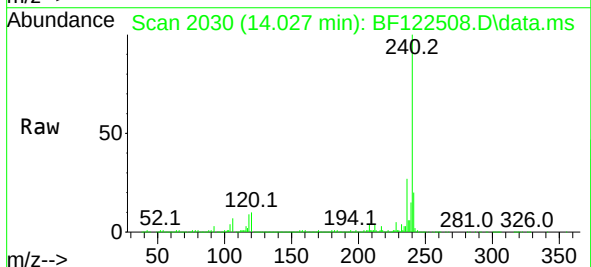
#75
Fluoranthene
Concen: 11.40 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52



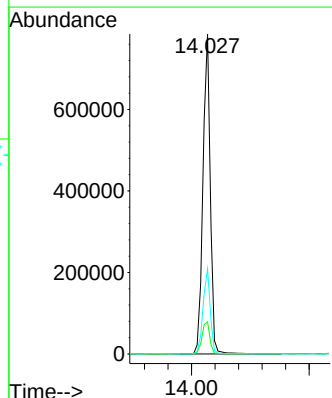
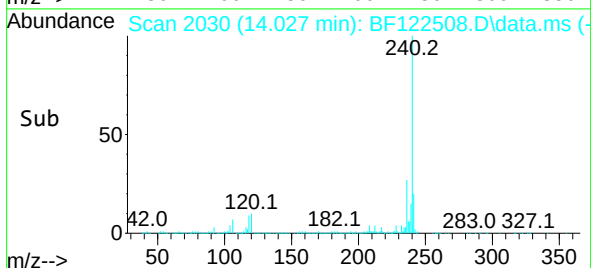
Tgt Ion:202 Resp: 497093
Ion Ratio Lower Upper
202 100
101 11.1 0.0 33.4
203 17.4 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52



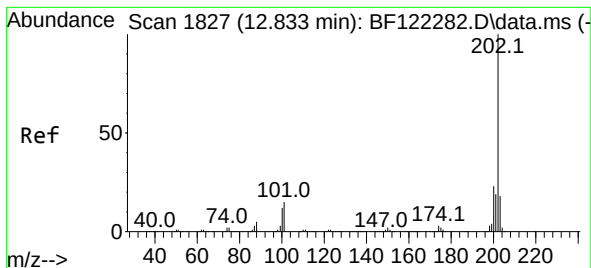
Tgt Ion:240 Resp: 682799
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 26.6 20.9 31.3



Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75

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#78

Pyrene

Concen: 9.16 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF122508.D

Acq: 30 Nov 2020 15:52

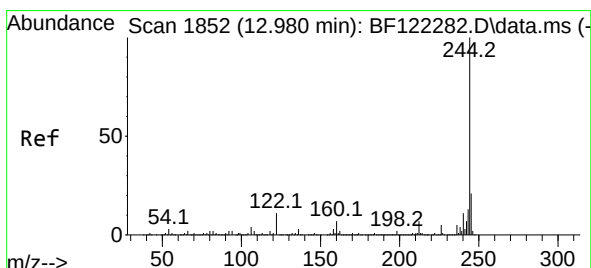
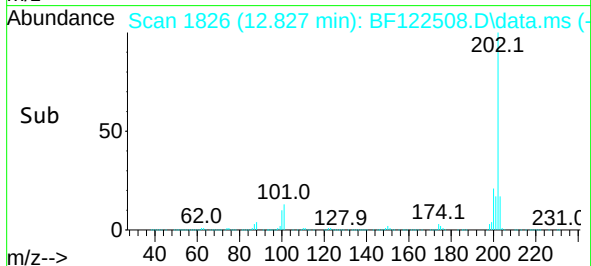
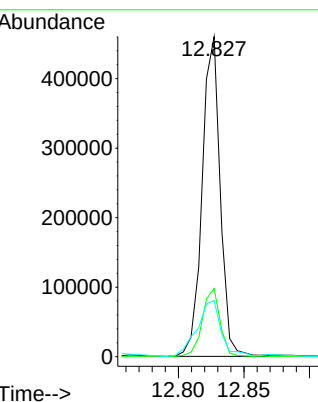
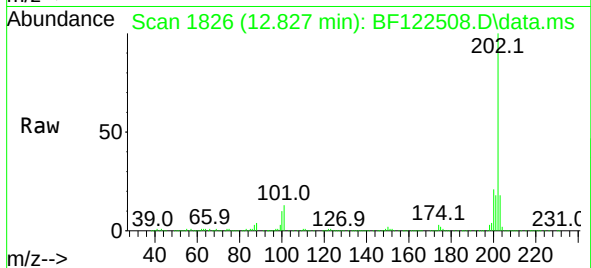
Tgt Ion:202 Resp: 439378

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

203 17.6 14.6 21.8



#79

Terphenyl-d14

Concen: 50.86 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF122508.D

Acq: 30 Nov 2020 15:52

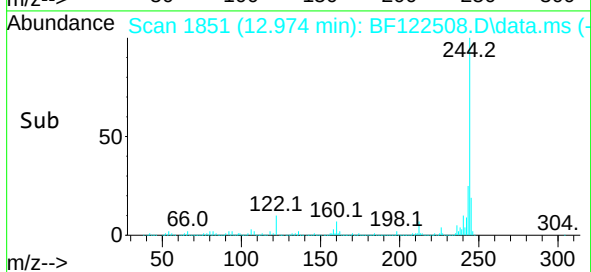
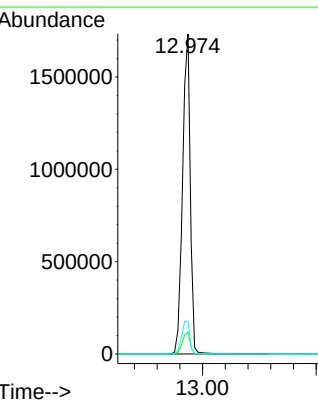
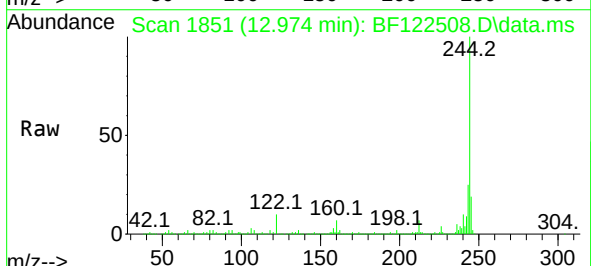
Tgt Ion:244 Resp: 1639136

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.1 8.1 12.1



Instrument :

BNA_F

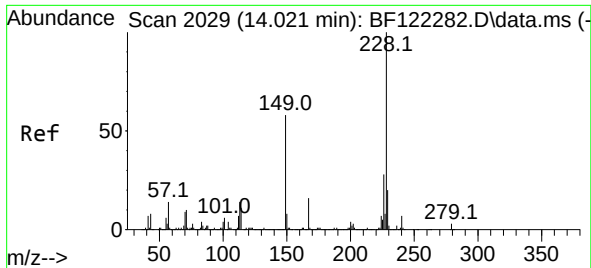
ClientSampleId :

PAV-B2-112520-10-12.75

Manual Integrations

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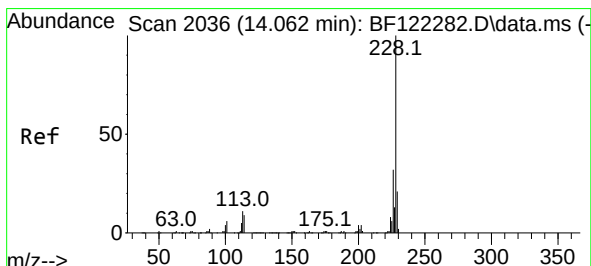
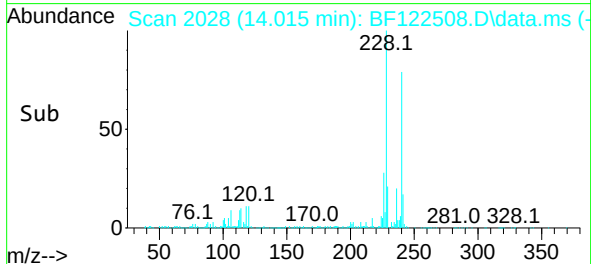
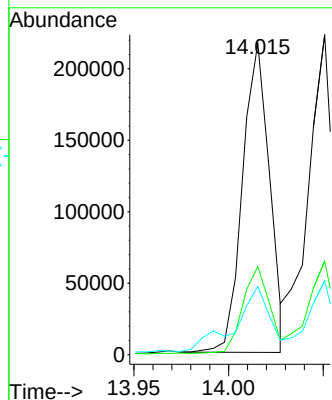
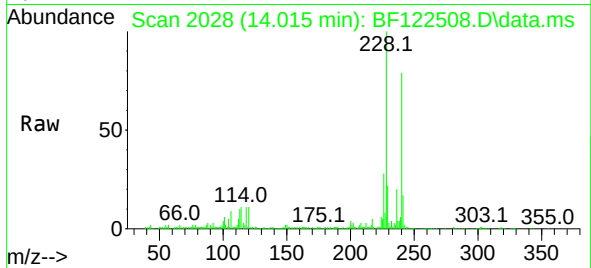
#81
Benzo(a)anthracene
Concen: 5.06 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

Tgt Ion:228 Resp: 214729
Ion Ratio Lower Upper
228 100
226 28.3 22.3 33.5
229 21.9 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75

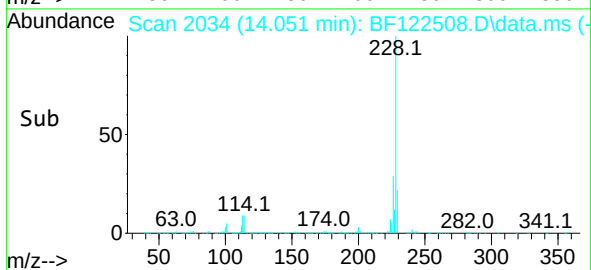
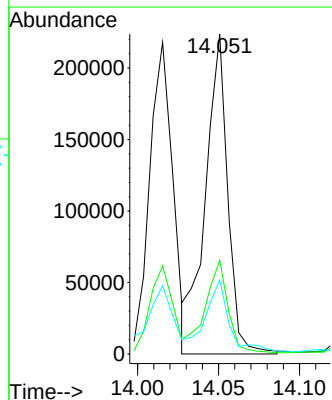
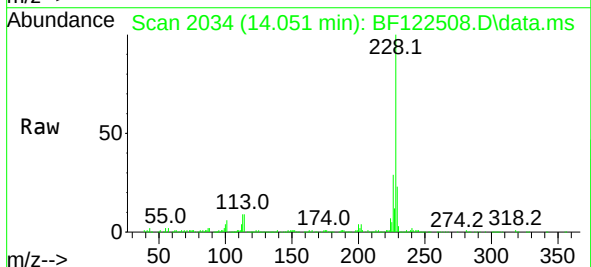
Manual Integrations
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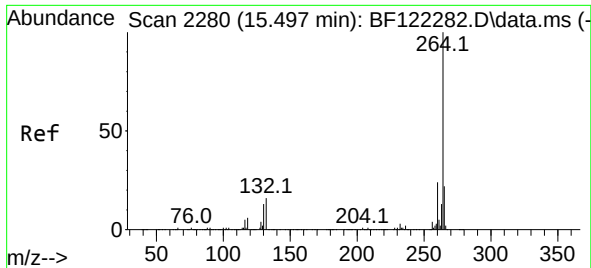
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#83
Chrysene
Concen: 5.06 ng m
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

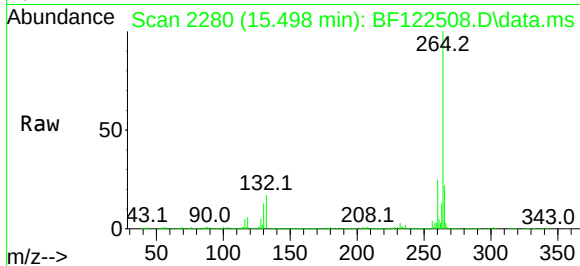
Tgt Ion:228 Resp: 216255
Ion Ratio Lower Upper
228 100
226 29.2 24.6 37.0
229 23.1 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

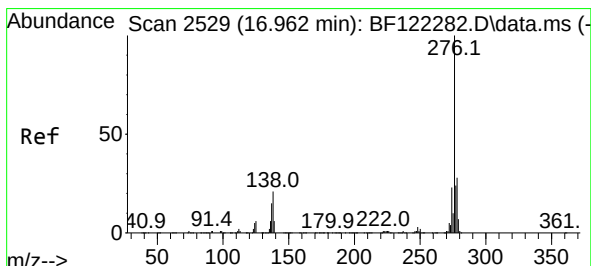
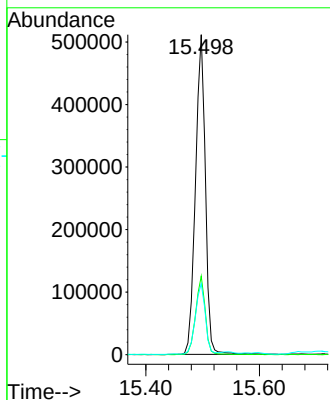
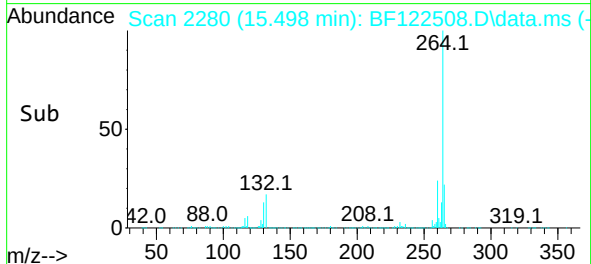
Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75



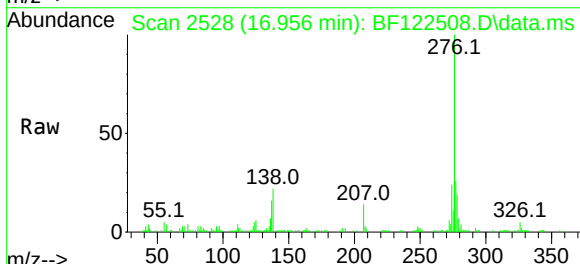
Tgt Ion:264 Resp: 623345
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 22.2 17.3 25.9

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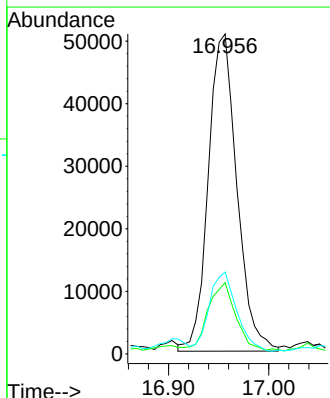
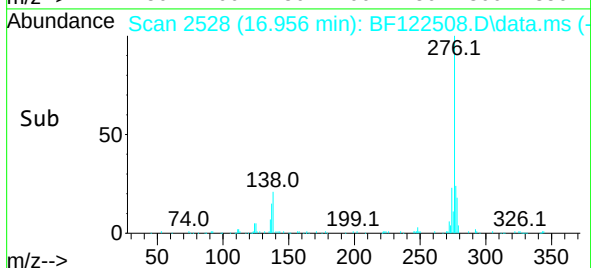
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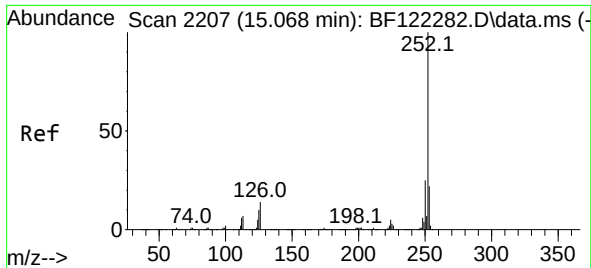


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.69 ng
RT: 16.956 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52



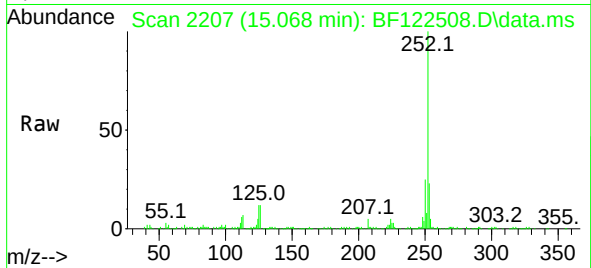
Tgt Ion:276 Resp: 100501
Ion Ratio Lower Upper
276 100
138 21.1 19.9 29.9
277 24.0 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 5.93 ng m
RT: 15.068 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

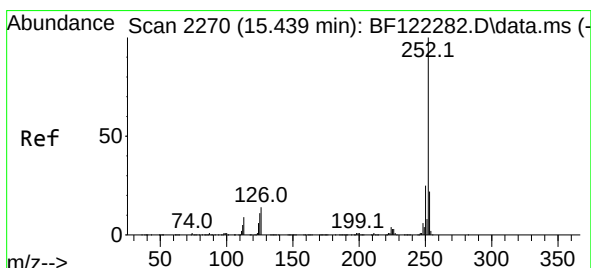
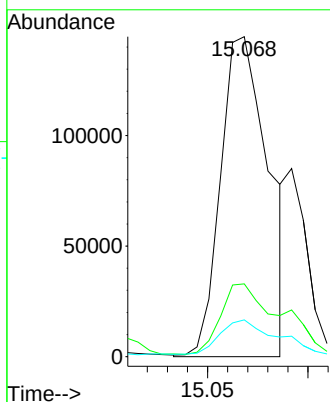
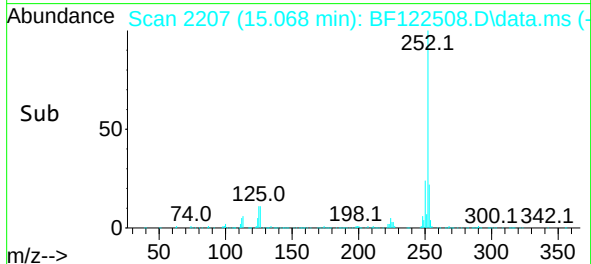
Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75



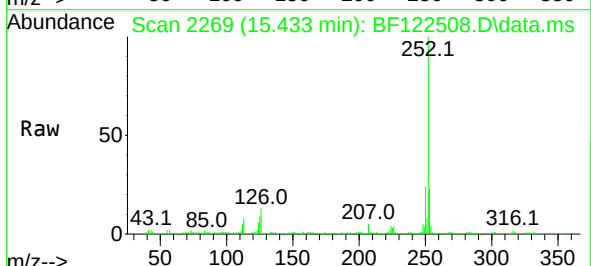
Tgt Ion:252 Resp: 239353
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.5 8.0 12.0

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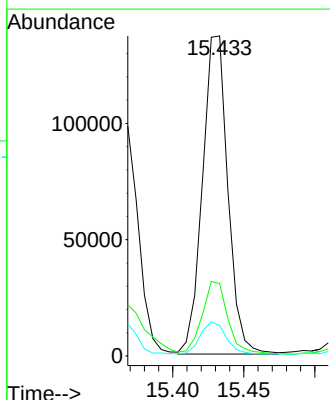
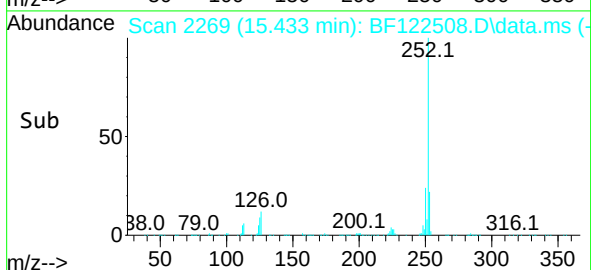
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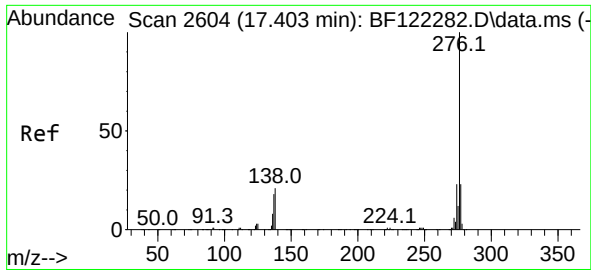


#90
Benzo(a)pyrene
Concen: 4.86 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.012 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52

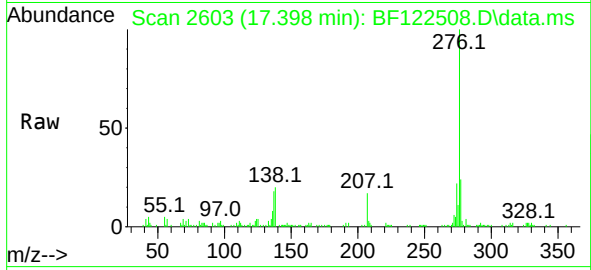


Tgt Ion:252 Resp: 170878
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 9.5 8.6 13.0

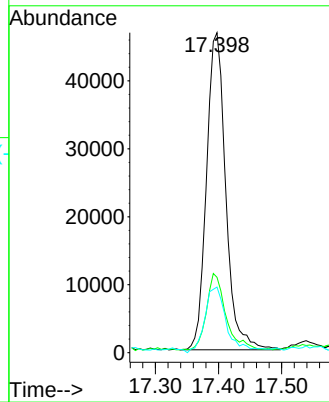
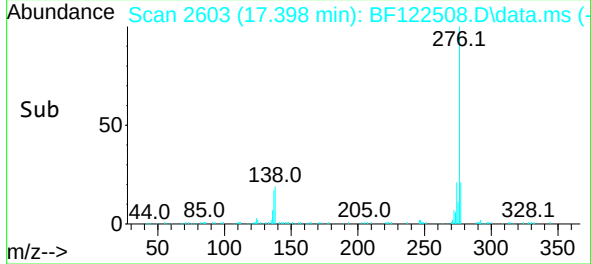




#92
Benzo(g,h,i)perylene
Concen: 3.24 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.024 min
Lab File: BF122508.D
Acq: 30 Nov 2020 15:52



Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	20.5	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75

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