

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
 Data File : BF122505.D
 Acq On : 30 Nov 2020 14:18
 Operator : JU/CG
 Sample : L4900-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B2-112520-0-10

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 14:42:20 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	175225	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	677433	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	382616	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	732662	20.00	ng	0.00
76) Chrysene-d12	14.027	240	683451	20.00	ng	0.00
86) Perylene-d12	15.498	264	623911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	858369	75.22	ng	-0.01
7) Phenol-d6	6.487	99	1081324	72.43	ng	-0.01
23) Nitrobenzene-d5	7.416	82	673182	60.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	319433	77.79	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1311438	53.55	ng	0.00
79) Terphenyl-d14	12.974	244	1575964	48.85	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.498	94	114290	7.77	ng	# 75
31) Naphthalene	8.163	128	76192	2.12	ng	98
50) Dimethylphthalate	9.610	163	152221	5.60	ng	99
71) Phenanthrene	11.404	178	399428	9.61	ng	98
75) Fluoranthene	12.598	202	611683	14.09	ng	97
78) Pyrene	12.827	202	575609	11.99	ng	99
80) Butylbenzylphthalate	13.445	149	2550	3.41	ng	95
81) Benzo(a)anthracene	14.015	228	349848	8.23	ng	98
83) Chrysene	14.051	228	335128m	7.83	ng	
87) Indeno(1,2,3-cd)pyrene	16.956	276	178012	4.75	ng	94
88) Benzo(b)fluoranthene	15.068	252	411129m	10.17	ng	
89) Benzo(k)fluoranthene	15.092	252	117177m	2.97	ng	
90) Benzo(a)pyrene	15.433	252	307601	8.73	ng	98
92) Benzo(g,h,i)perylene	17.398	276	169021	5.54	ng	98

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

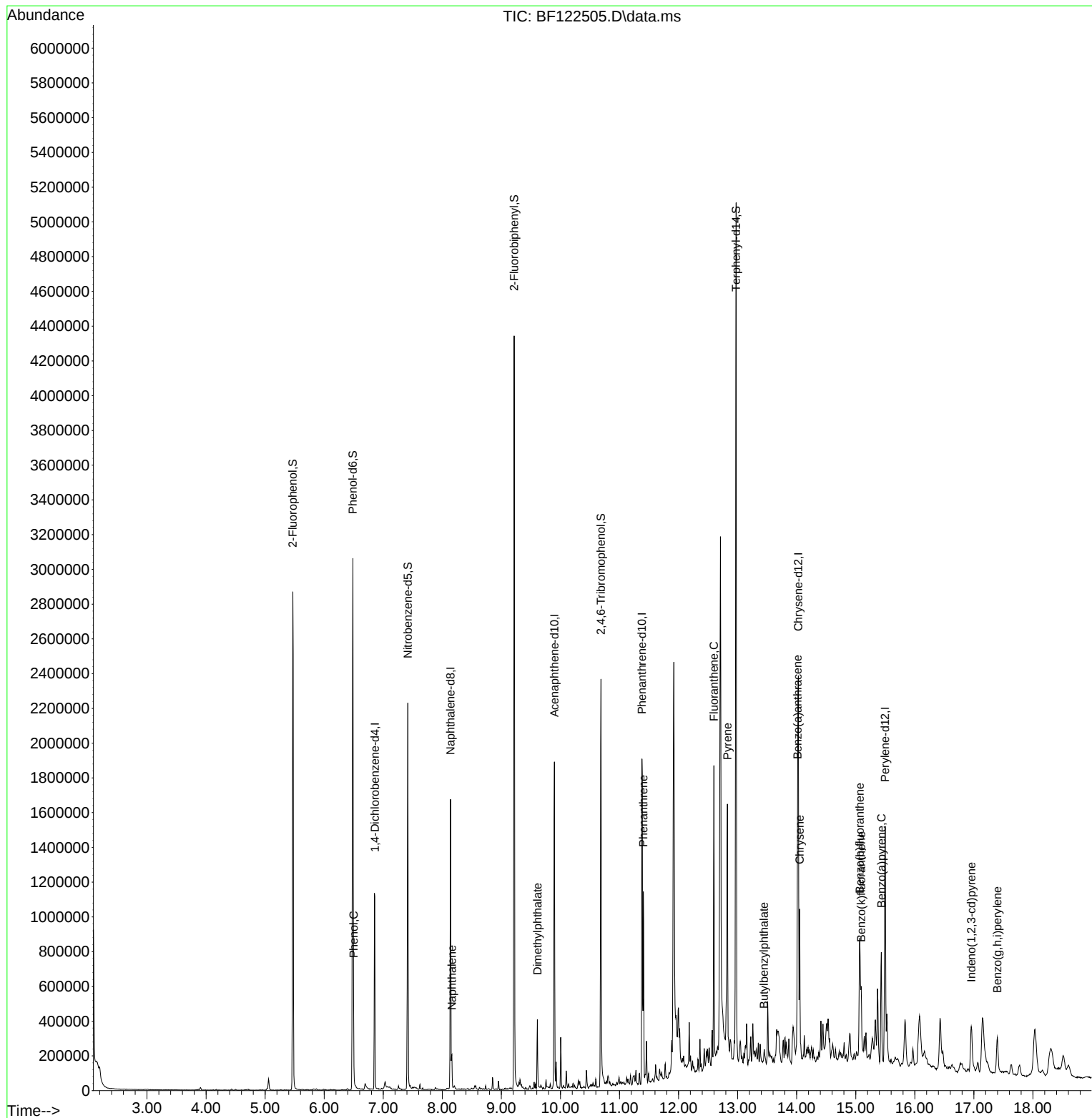
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Data File : BF122505.D
Acq On : 30 Nov 2020 14:18
Operator : JU/CG
Sample : L4900-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

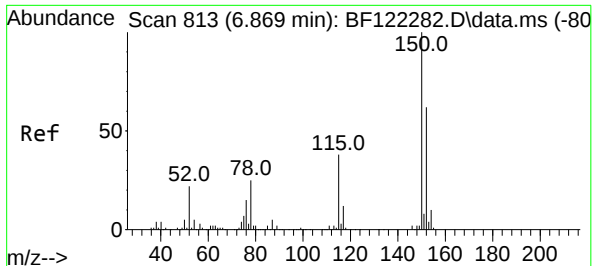
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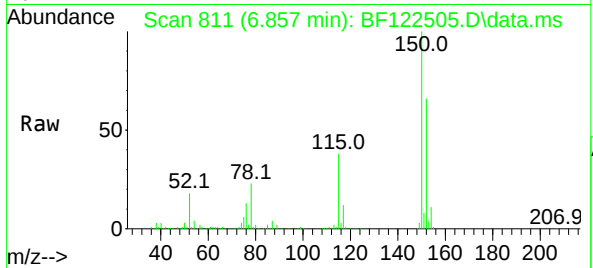
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Quant Time: Nov 30 14:42:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
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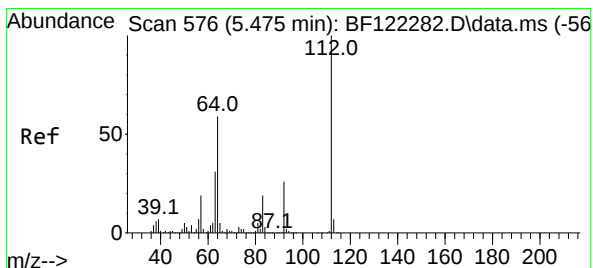
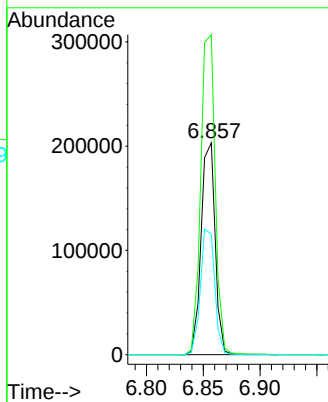
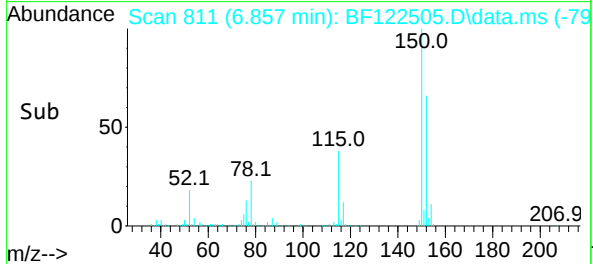




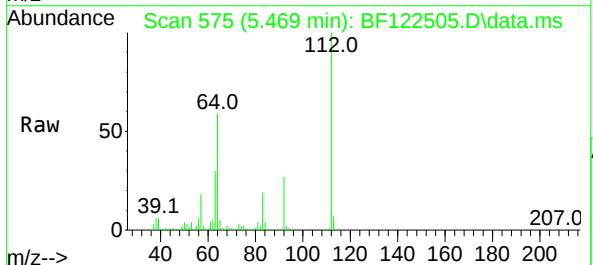
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18



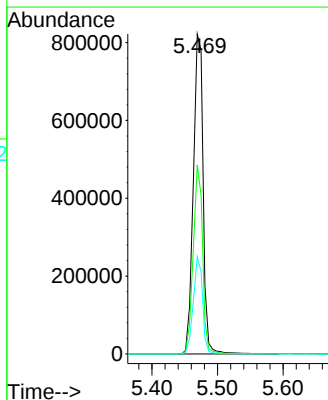
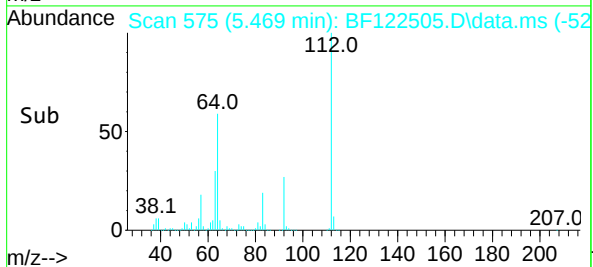
Tgt Ion:152 Resp: 175225
Ion Ratio Lower Upper
152 100
150 151.0 125.3 187.9
115 56.8 51.9 77.9



#5
2-Fluorophenol
Concen: 75.22 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18



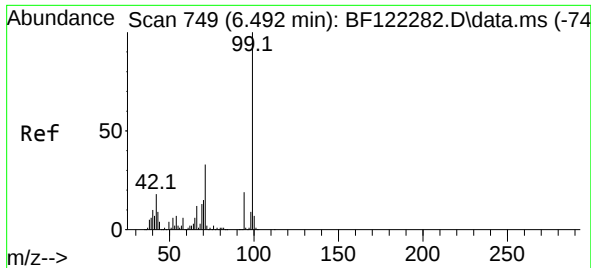
Tgt Ion:112 Resp: 858369
Ion Ratio Lower Upper
112 100
64 59.0 50.4 75.6
63 30.4 25.8 38.6



Instrument :
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#7
Phenol-d6
Concen: 72.43 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18

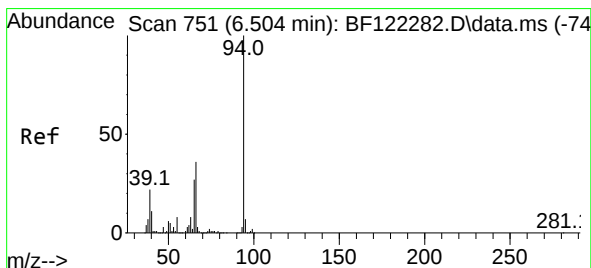
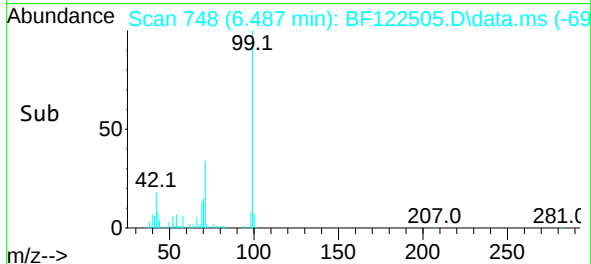
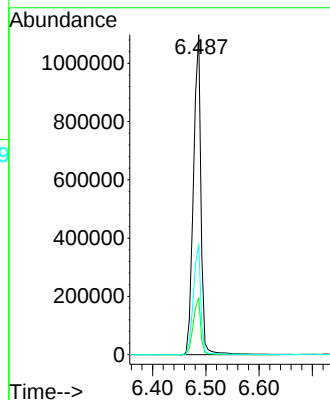
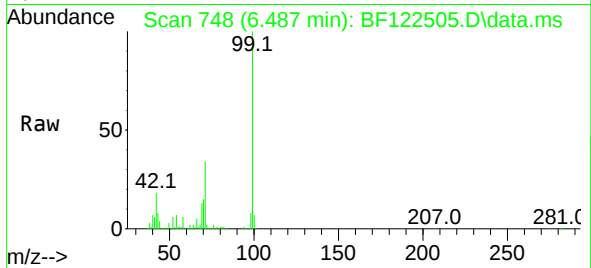
Tgt Ion: 99 Resp: 1081324

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.9	23.9
71	34.2	27.1	40.7

Instrument :
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ClientSampleId :
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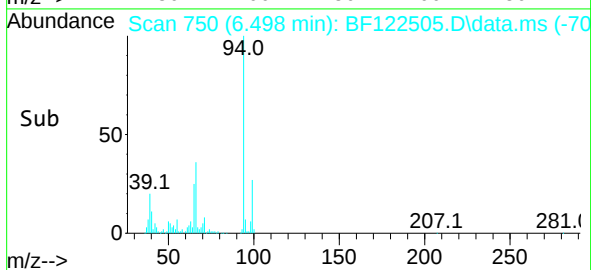
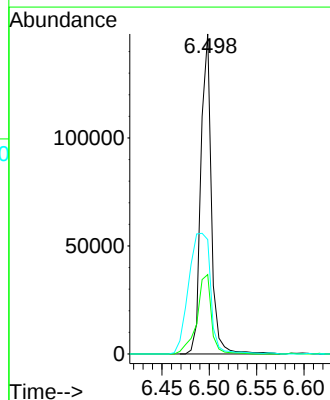
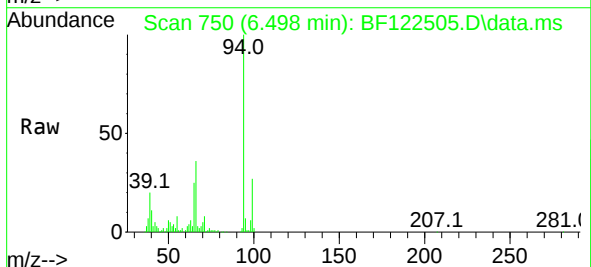
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#10
Phenol
Concen: 7.77 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18

Tgt Ion: 94 Resp: 114290

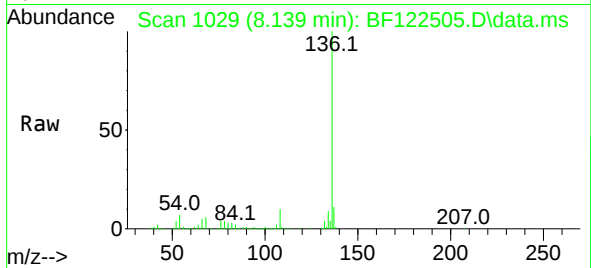
Ion	Ratio	Lower	Upper
94	100		
65	24.8	17.1	57.1
66	35.7	36.0	76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18

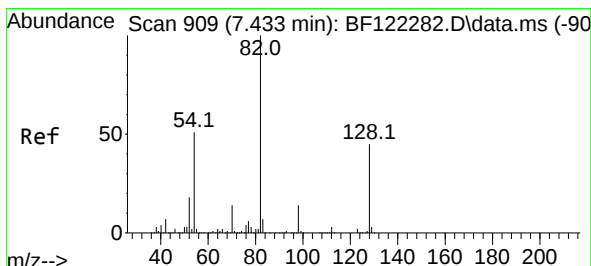
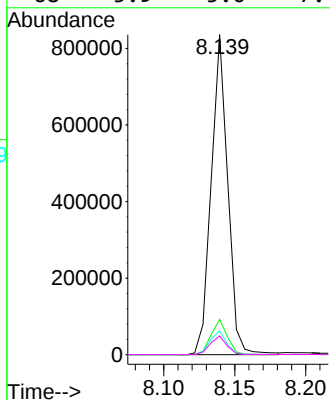
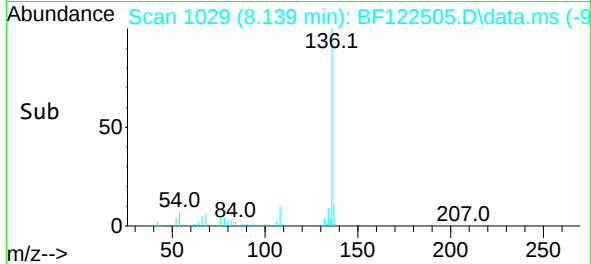
Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-0-10



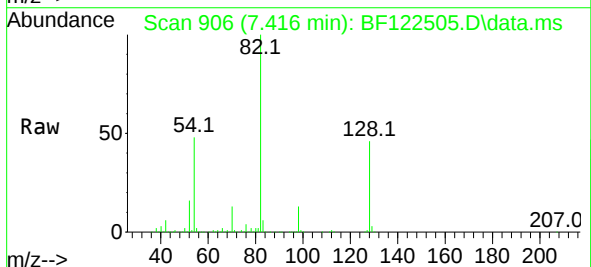
Tgt Ion:	136	Resp:	677433
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.5	7.1	10.7
68	5.9	5.0	7.4

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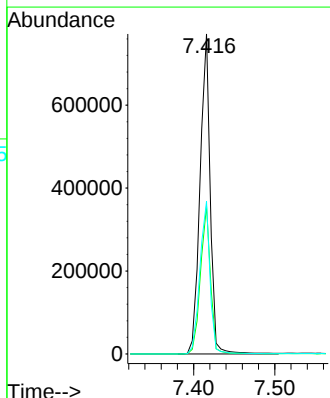
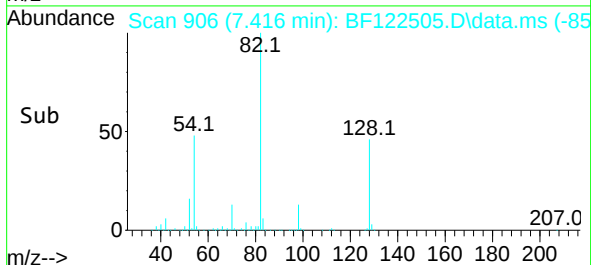
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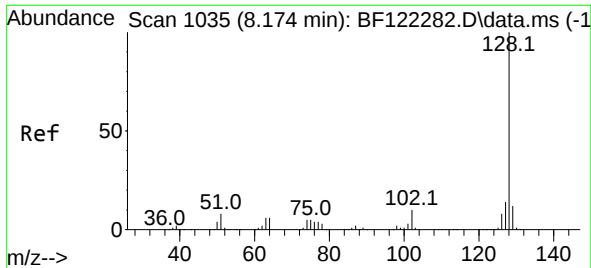


#23
Nitrobenzene-d5
Concen: 60.84 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18

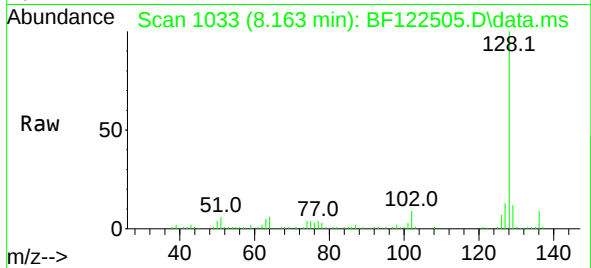


Tgt Ion:	82	Resp:	673182
Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.0	52.4
54	47.6	43.9	65.9

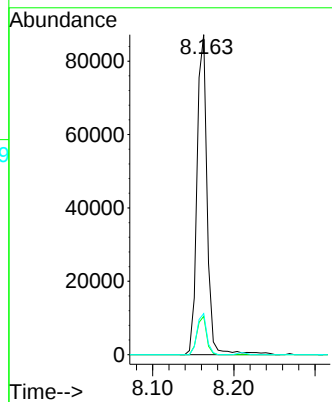
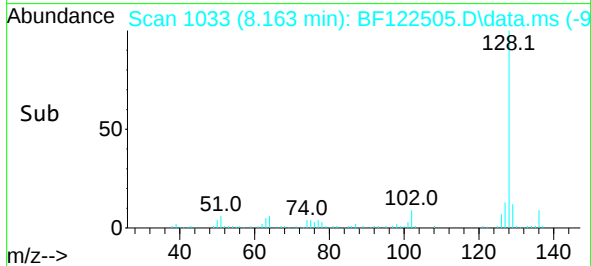




#31
Naphthalene
Concen: 2.12 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18



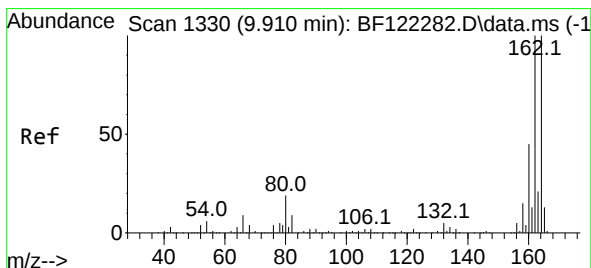
Tgt Ion:128 Resp: 76192
Ion Ratio Lower Upper
128 100
129 12.0 8.7 13.1
127 12.8 10.8 16.2



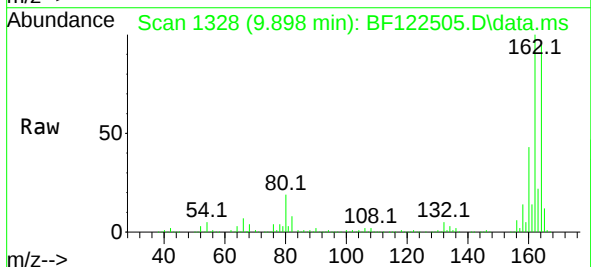
Instrument :
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ClientSampleId :
PAV-B2-112520-0-10

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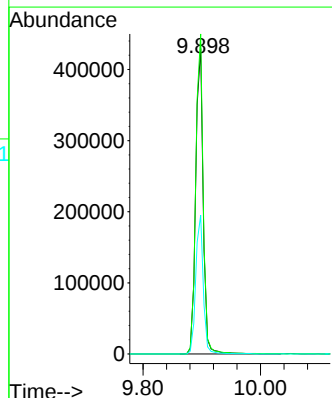
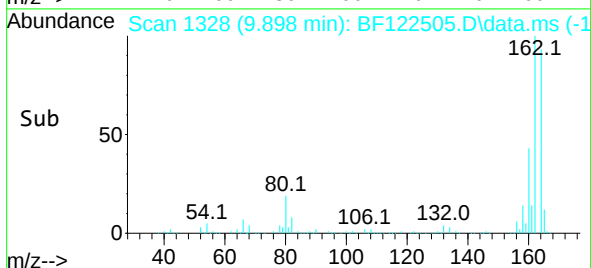
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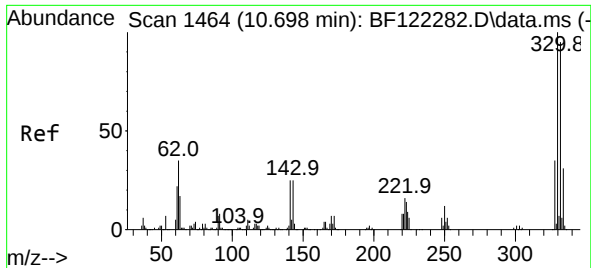


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18



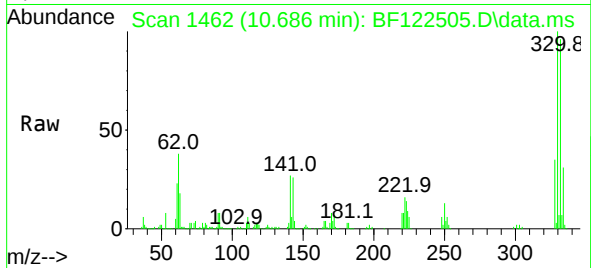
Tgt Ion:164 Resp: 382616
Ion Ratio Lower Upper
164 100
162 104.8 83.2 124.8
160 45.4 37.5 56.3





#42
 2,4,6-Tribromophenol
 Concen: 77.79 ng
 RT: 10.686 min Scan# 1462
 Delta R.T. -0.006 min
 Lab File: BF122505.D
 Acq: 30 Nov 2020 14:18

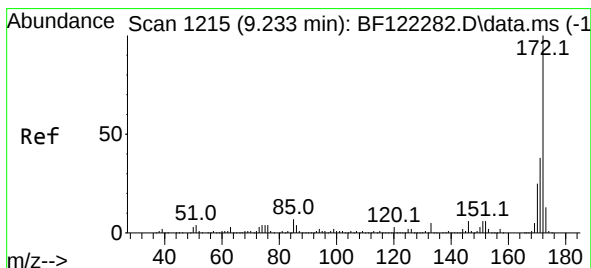
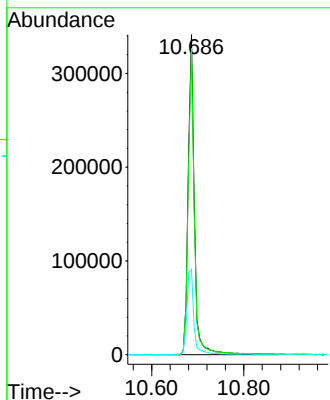
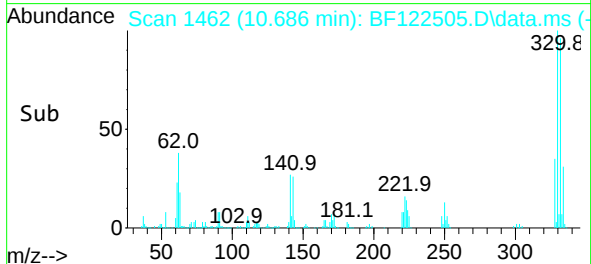
Instrument :
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 ClientSampleId :
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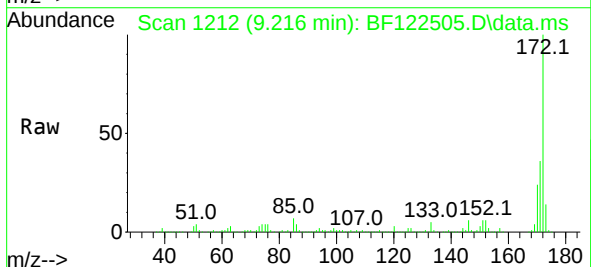
Tgt Ion: 330 Resp: 319433
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.3 115.9
 141 30.6 22.3 33.5

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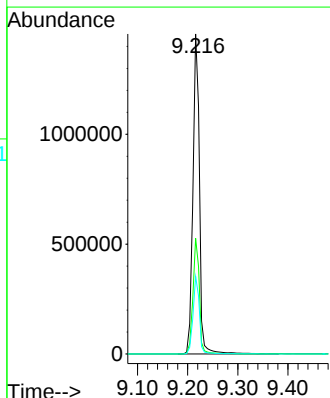
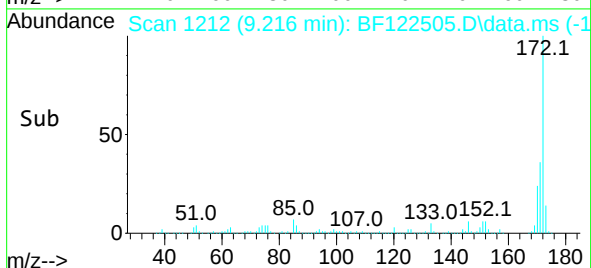
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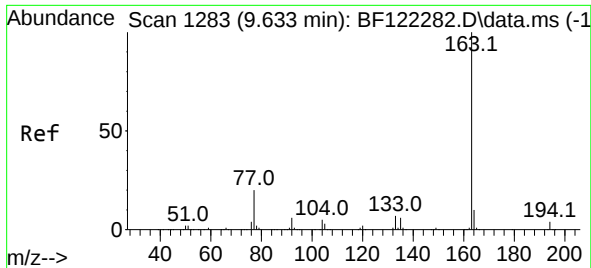


#45
 2-Fluorobiphenyl
 Concen: 53.55 ng
 RT: 9.216 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF122505.D
 Acq: 30 Nov 2020 14:18



Tgt Ion: 172 Resp: 1311438
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.1 43.7
 170 24.2 19.8 29.6





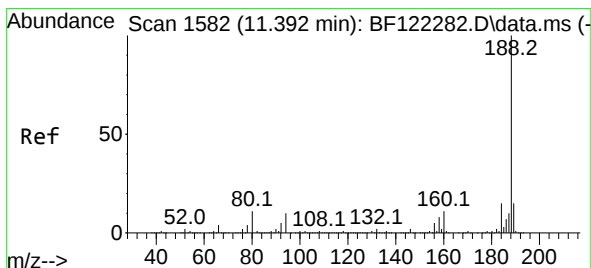
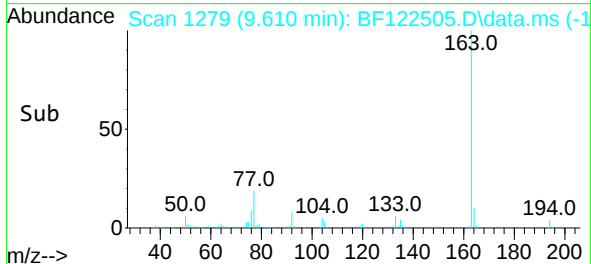
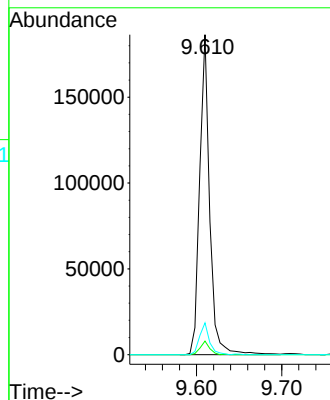
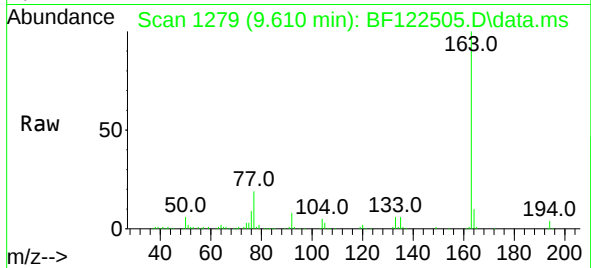
#50
Dimethylphthalate
Concen: 5.60 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18

Tgt Ion:163 Resp: 152221
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.0 8.2 12.4

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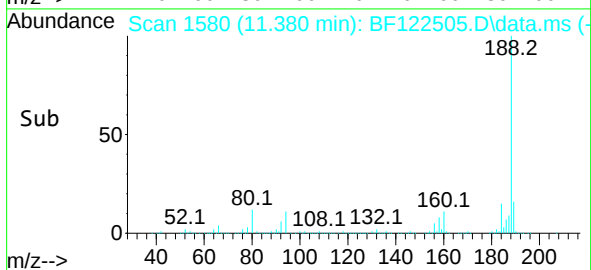
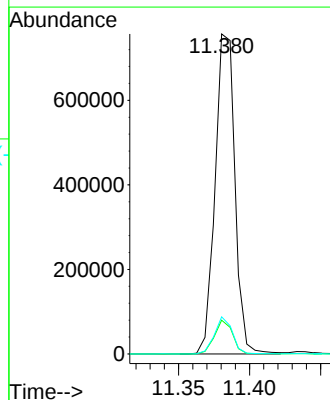
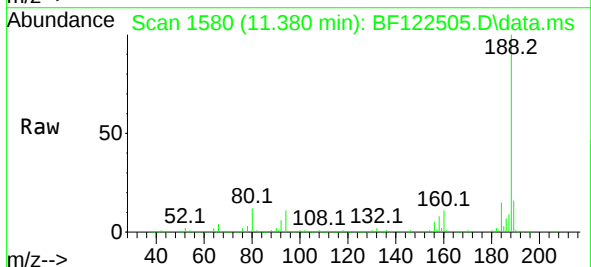
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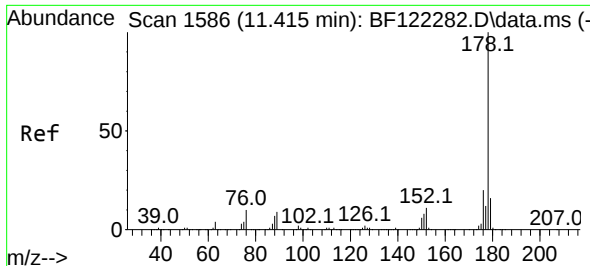
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18

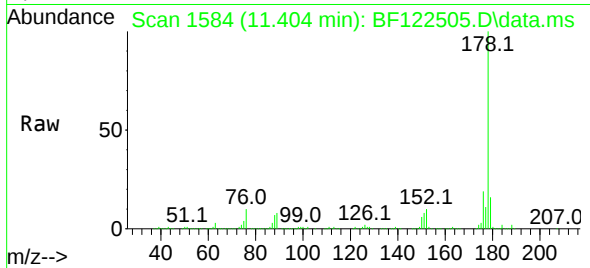
Tgt Ion:188 Resp: 732662
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.6 9.1 13.7





#71
Phenanthrene
Concen: 9.61 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18

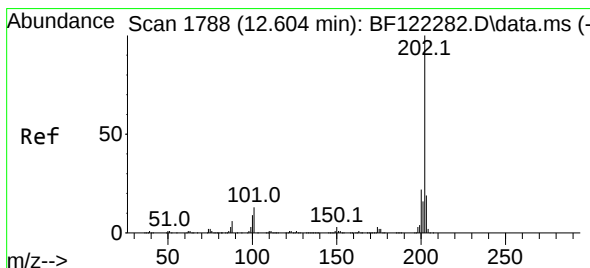
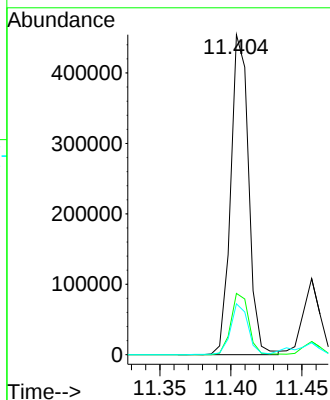
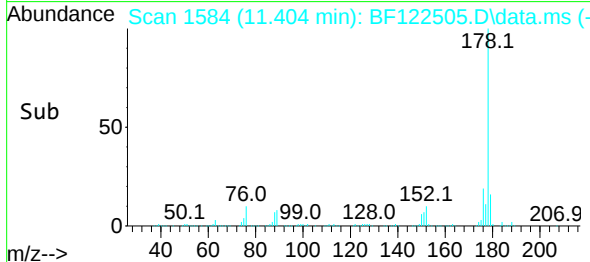
Instrument :
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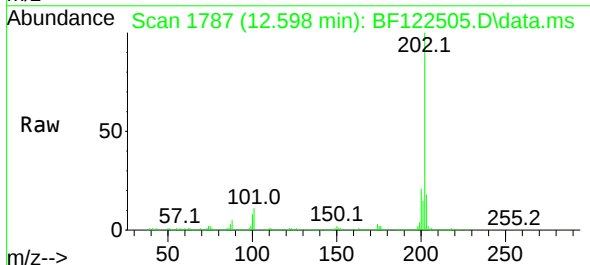
Tgt Ion:178 Resp: 399428
Ion Ratio Lower Upper
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176 19.1 15.9 23.9
179 15.9 12.2 18.4

Manual Integrations
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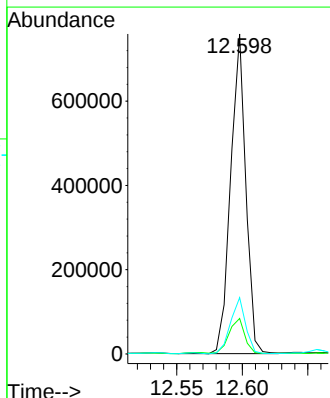
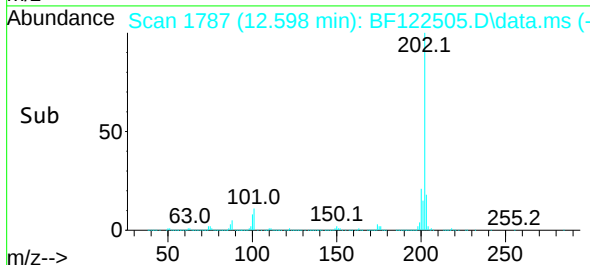
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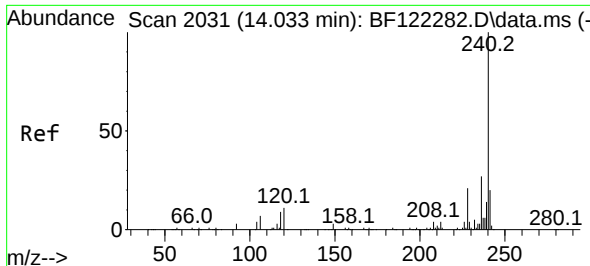


#75
Fluoranthene
Concen: 14.09 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18

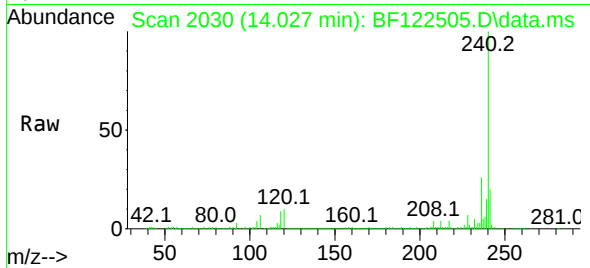


Tgt Ion:202 Resp: 611683
Ion Ratio Lower Upper
202 100
101 11.1 0.0 33.4
203 17.6 0.0 37.9

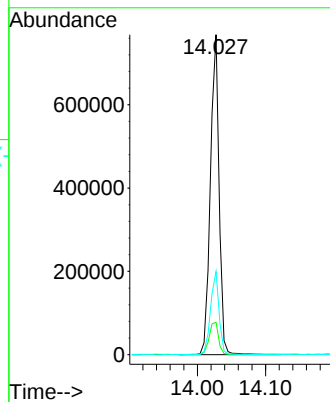
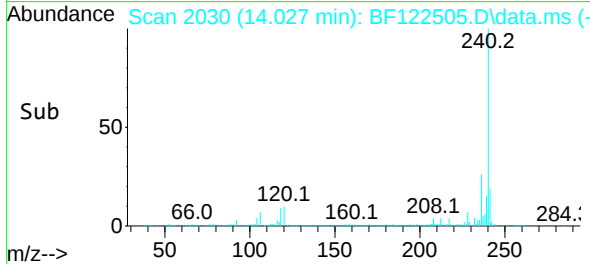




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18



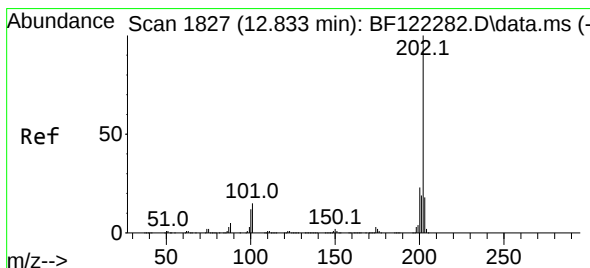
Tgt Ion:240 Resp: 683451
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 26.0 20.9 31.3



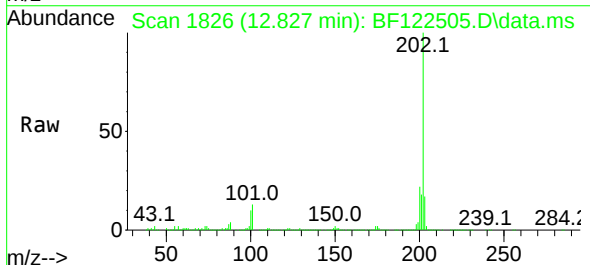
Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-0-10

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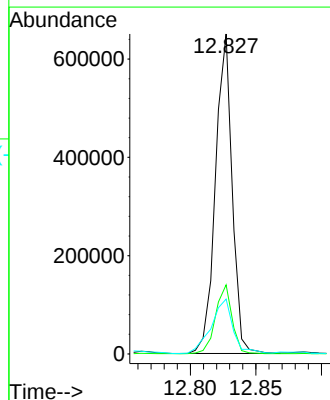
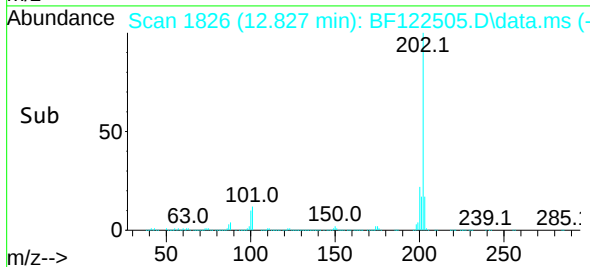
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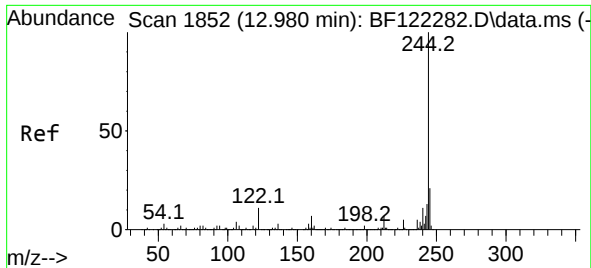


#78
Pyrene
Concen: 11.99 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18



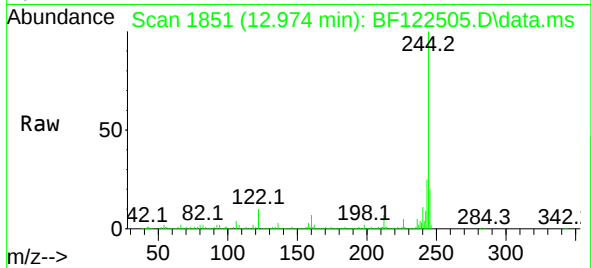
Tgt Ion:202 Resp: 575609
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 48.85 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF122505.D
 Acq: 30 Nov 2020 14:18

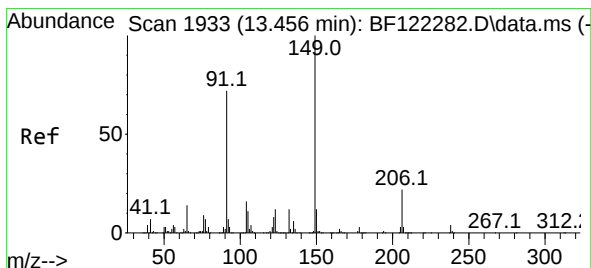
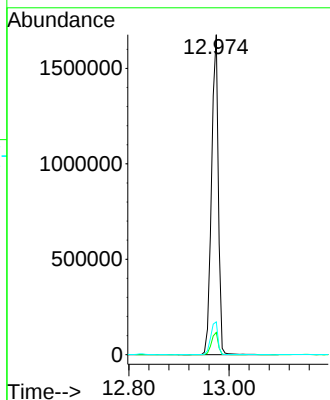
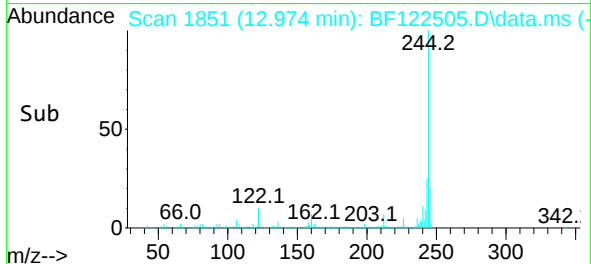
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B2-112520-0-10



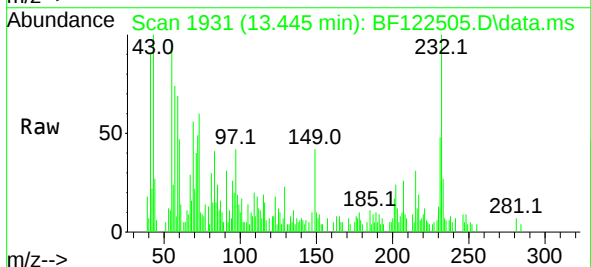
Tgt Ion:244 Resp: 1575964
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.2 8.1 12.1

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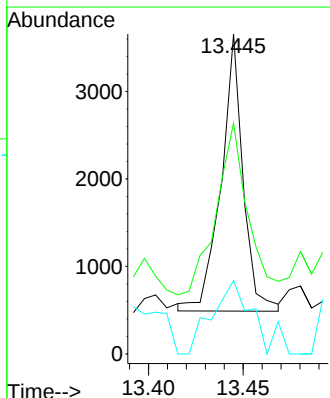
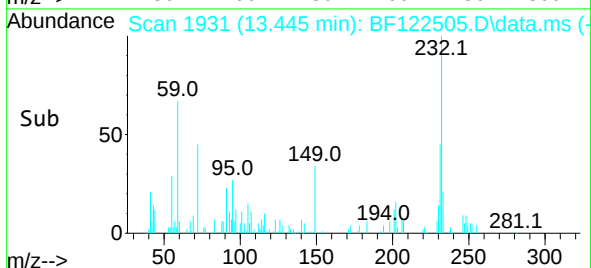
mohammad
 12/1/2020 10:42:42 AM

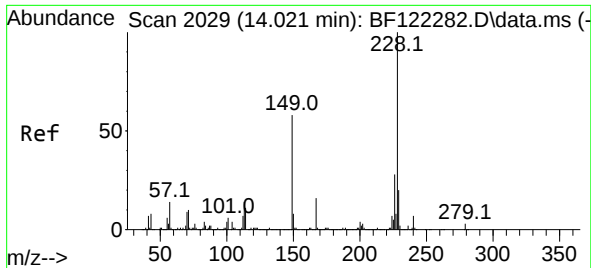


#80
 Butylbenzylphthalate
 Concen: 3.41 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: BF122505.D
 Acq: 30 Nov 2020 14:18



Tgt Ion:149 Resp: 2550
 Ion Ratio Lower Upper
 149 100
 91 72.1 61.0 91.4
 206 22.9 16.7 25.1





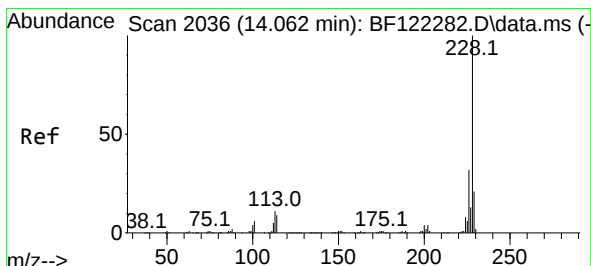
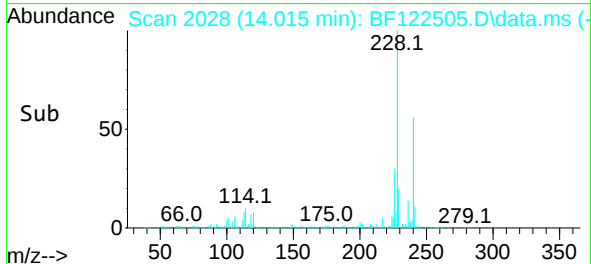
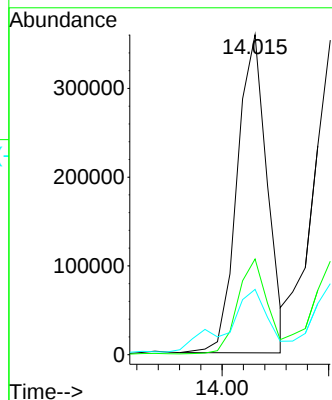
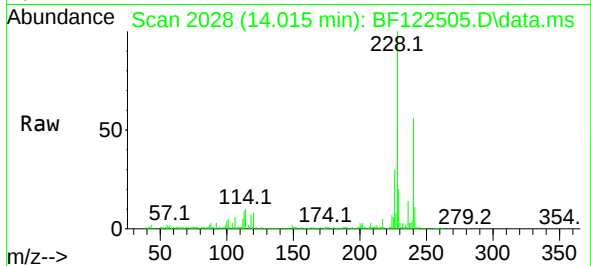
#81
Benzo(a)anthracene
Concen: 8.23 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18

Tgt Ion:228 Resp: 349848
Ion Ratio Lower Upper
228 100
226 29.9 22.3 33.5
229 20.4 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-0-10

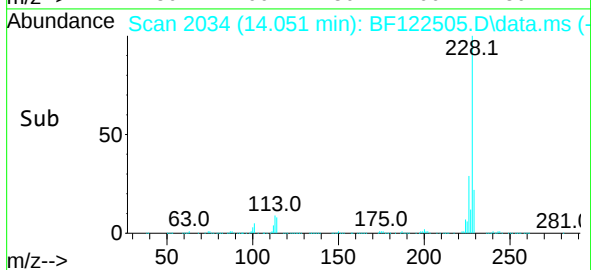
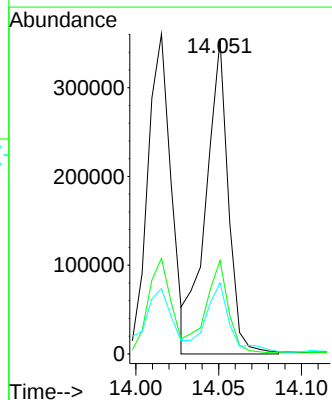
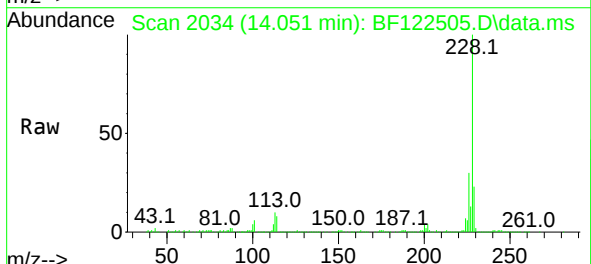
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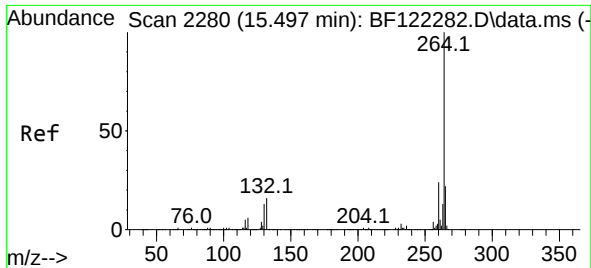
mohammad
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#83
Chrysene
Concen: 7.83 ng m
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18

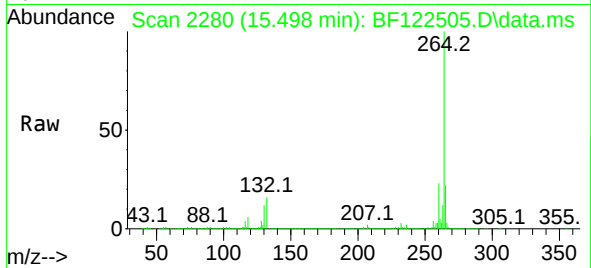
Tgt Ion:228 Resp: 335128
Ion Ratio Lower Upper
228 100
226 29.7 24.6 37.0
229 22.6 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18

Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-0-10

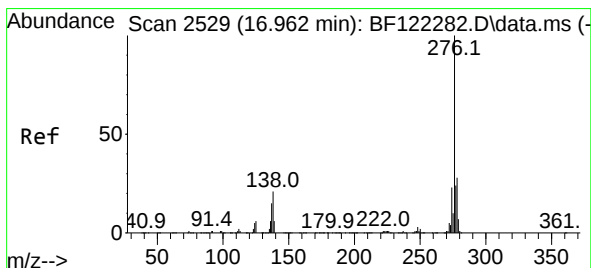
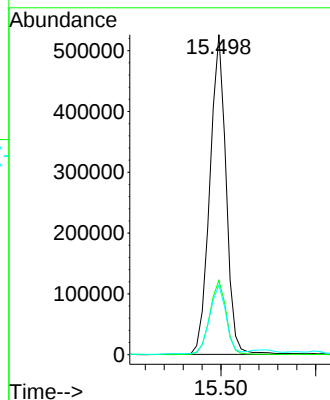
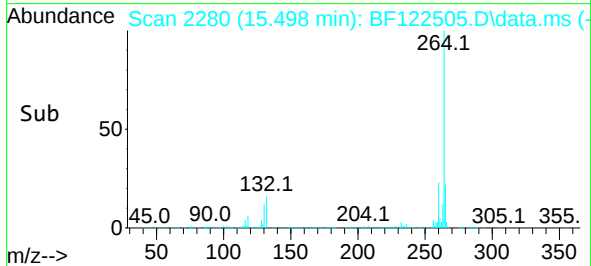


Tgt Ion:264 Resp: 623911

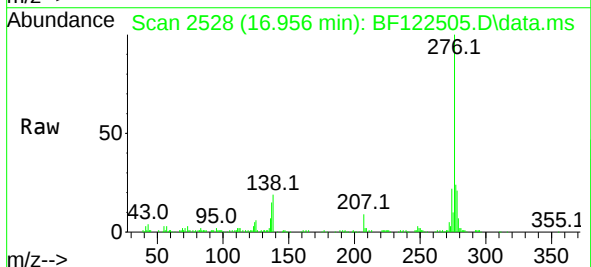
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.7	17.3	25.9

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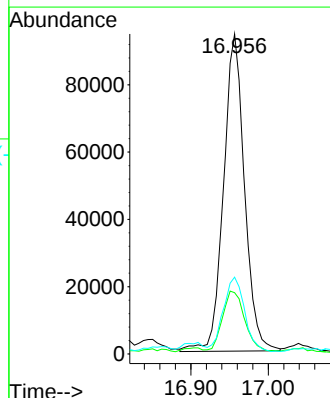
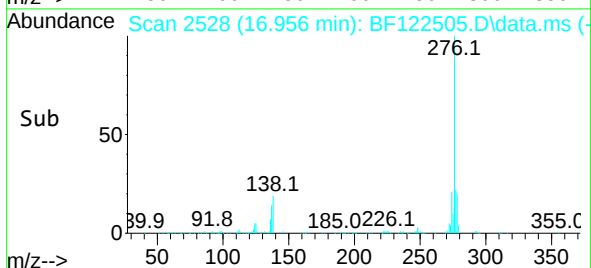


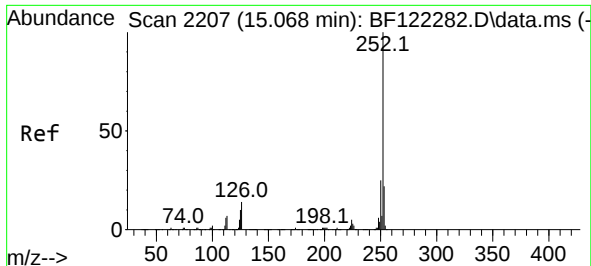
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.75 ng
RT: 16.956 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18



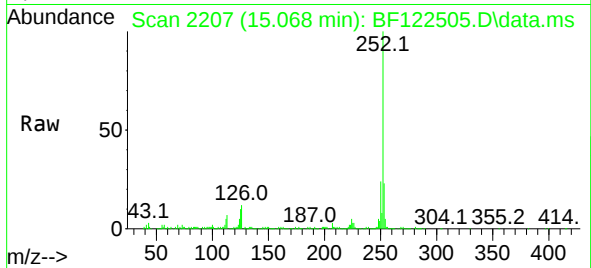
Tgt Ion:276 Resp: 178012

Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.9	29.9
277	23.6	20.4	30.6

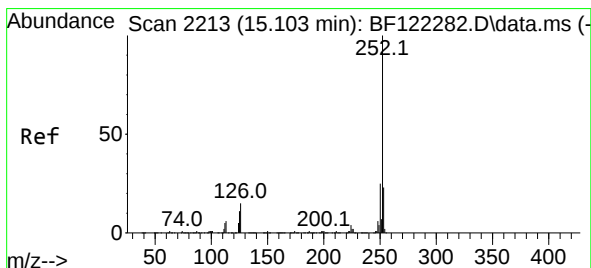
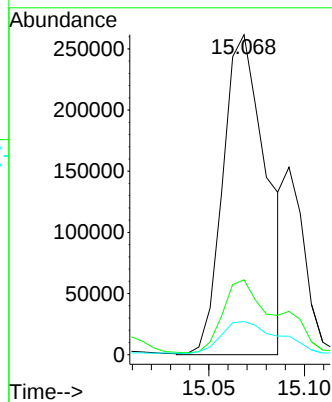
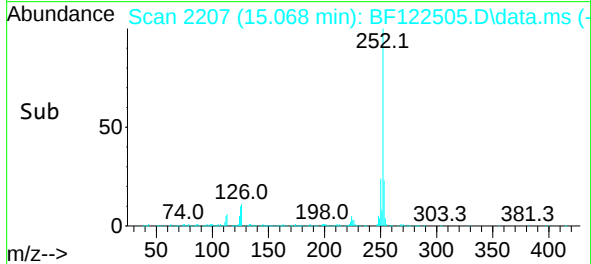




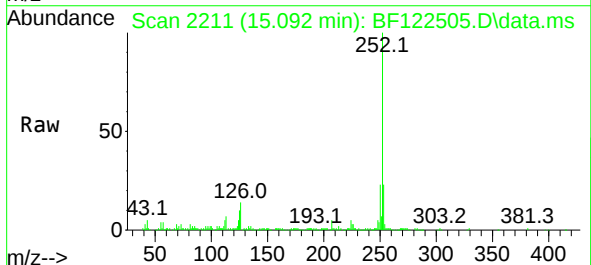
#88
Benzo(b)fluoranthene
Concen: 10.17 ng m
RT: 15.068 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18



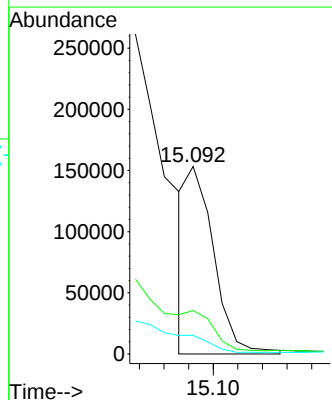
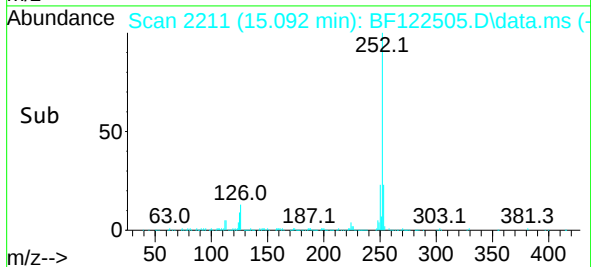
Tgt Ion:252 Resp: 411129
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 10.4 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 2.97 ng m
RT: 15.092 min Scan# 2211
Delta R.T. -0.018 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18



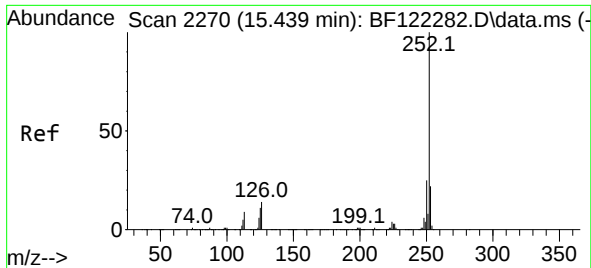
Tgt Ion:252 Resp: 117177
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 9.9 7.7 11.5



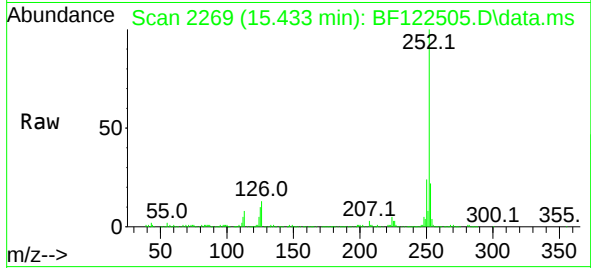
Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-0-10

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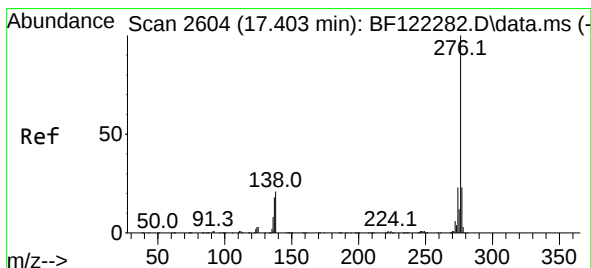
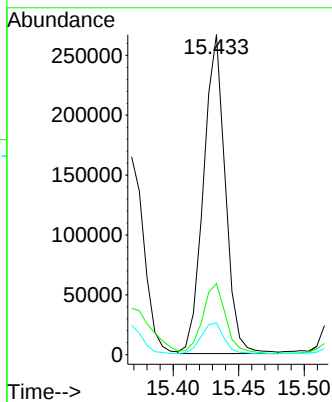
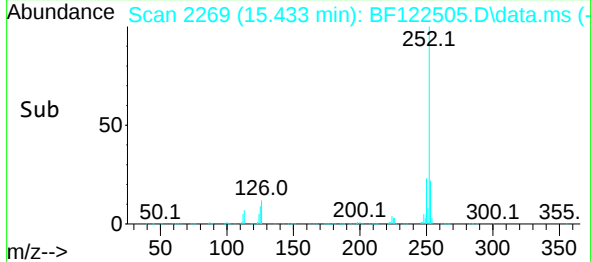
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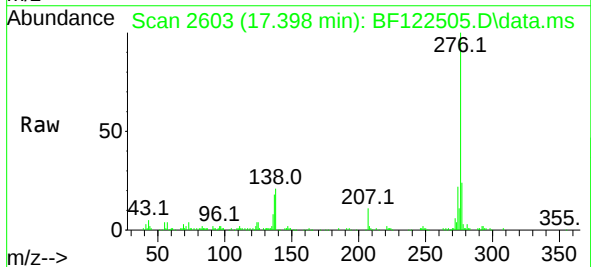
#90
Benzo(a)pyrene
Concen: 8.73 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.012 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18



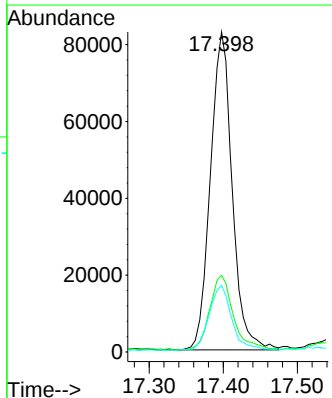
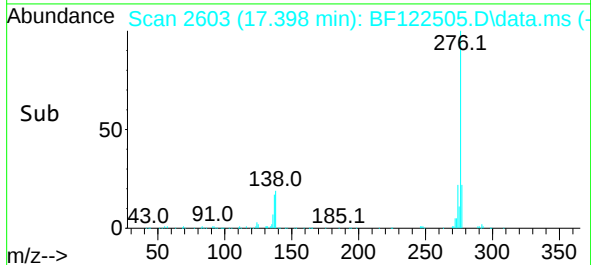
Tgt Ion:252 Resp: 307601
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.9 8.6 13.0



#92
Benzo(g,h,i)perylene
Concen: 5.54 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.024 min
Lab File: BF122505.D
Acq: 30 Nov 2020 14:18



Tgt Ion:276 Resp: 169021
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.2
138 20.8 17.8 26.6



Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-0-10

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