

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122451.D
 Acq On : 23 Nov 2020 17:18
 Operator : JU/CG
 Sample : L4836-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05

Manual Integrations
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Quant Time: Nov 24 00:26:33 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	180880	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	690305	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	344918	20.00	ng	-0.01
64) Phenanthrene-d10	11.398	188	580529	20.00	ng	# 0.00
76) Chrysene-d12	14.045	240	435854	20.00	ng	0.00
86) Perylene-d12	15.527	264	514925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	848767	72.05	ng	-0.01
7) Phenol-d6	6.492	99	1054605	68.43	ng	-0.02
23) Nitrobenzene-d5	7.422	82	648383	57.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	286259	77.33	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1187634	53.80	ng	0.00
79) Terphenyl-d14	12.986	244	1031915	50.16	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.504	94	44219	2.91	ng	# 73
31) Naphthalene	8.169	128	77026	2.10	ng	99
49) Acenaphthylene	9.769	152	137289	4.10	ng	99
50) Dimethylphthalate	9.622	163	168890	6.89	ng	100
71) Phenanthrene	11.422	178	812932	24.68	ng	99
72) Anthracene	11.469	178	225289	6.64	ng	98
75) Fluoranthene	12.616	202	1337740	38.90	ng	97
78) Pyrene	12.839	202	1191729	38.92	ng	99
81) Benzo(a)anthracene	14.033	228	699598	25.81	ng	94
83) Chrysene	14.068	228	728128m	26.67	ng	
87) Indeno(1,2,3-cd)pyrene	17.004	276	605497	19.60	ng	94
88) Benzo(b)fluoranthene	15.092	252	1023159m	30.68	ng	
89) Benzo(k)fluoranthene	15.121	252	345400m	10.62	ng	
90) Benzo(a)pyrene	15.463	252	757866	26.07	ng	97
91) Dibenzo(a,h)anthracene	17.015	278	161667m	6.25	ng	
92) Benzo(g,h,i)perylene	17.451	276	592772	23.55	ng	98

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

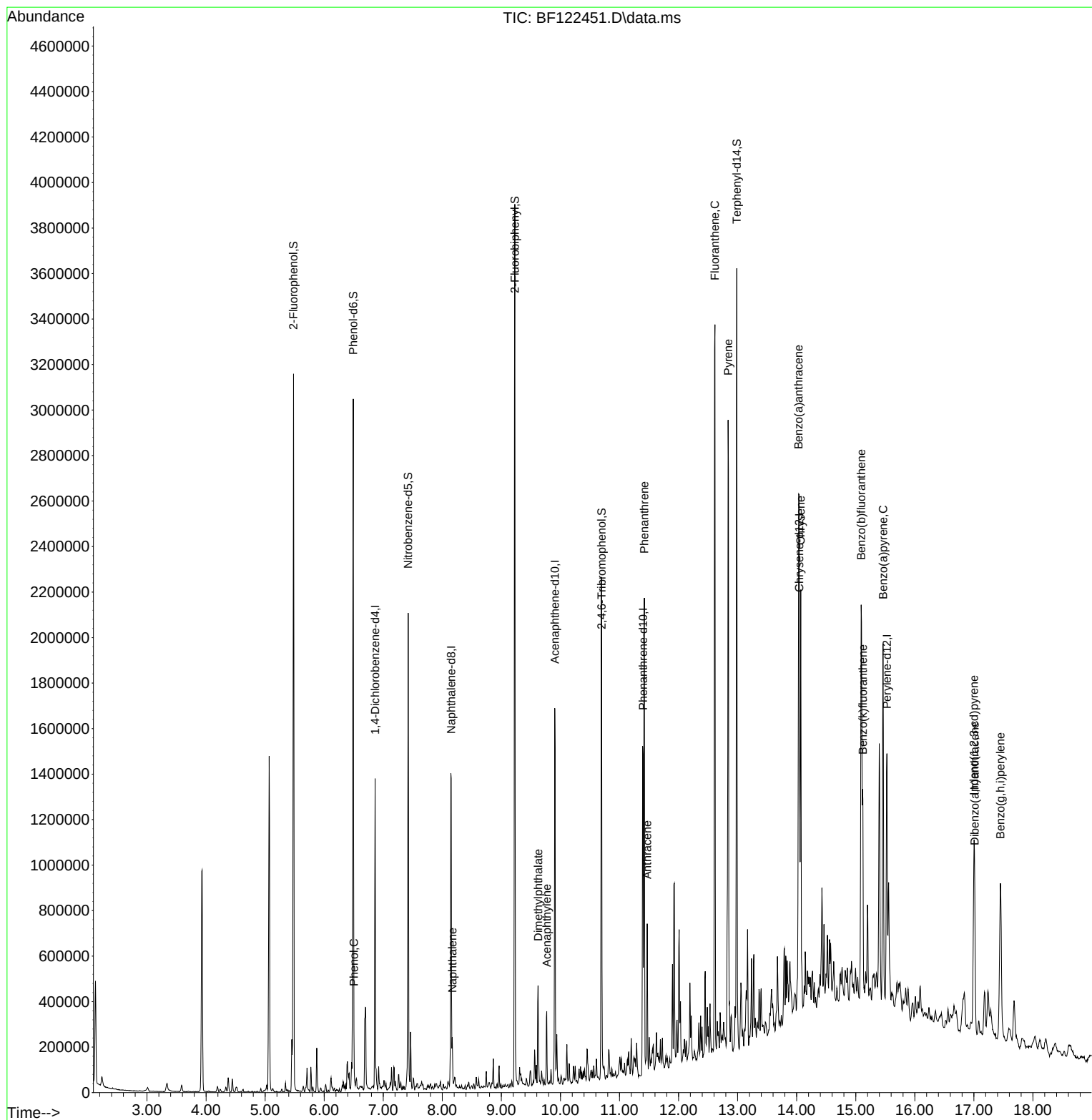
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122451.D
Acq On : 23 Nov 2020 17:18
Operator : JU/CG
Sample : L4836-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

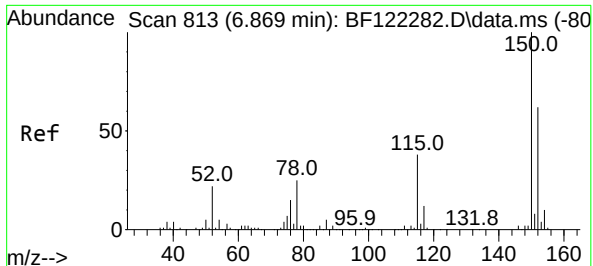
Instrument :
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ClientSampleId :
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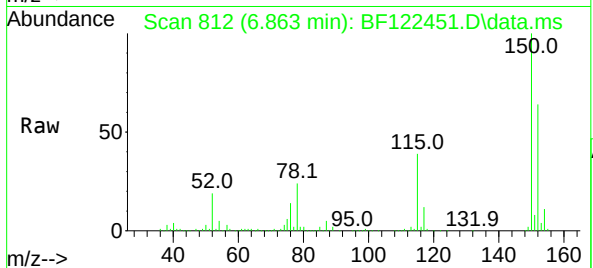
Quant Time: Nov 24 00:26:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

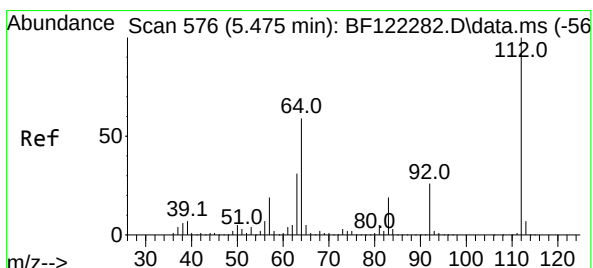
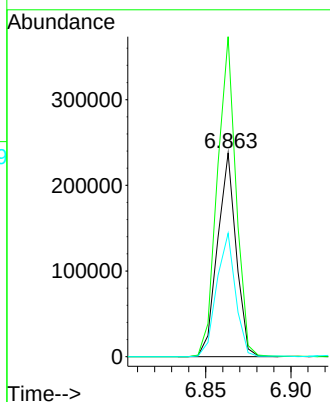
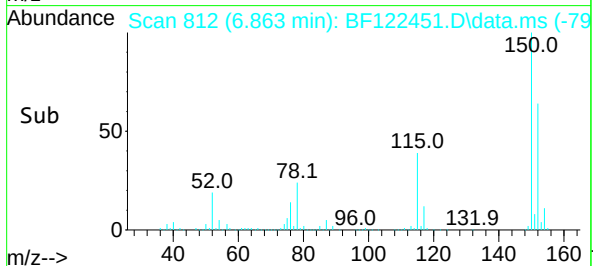
Instrument :
BNA_F
ClientSampled :
SB-05



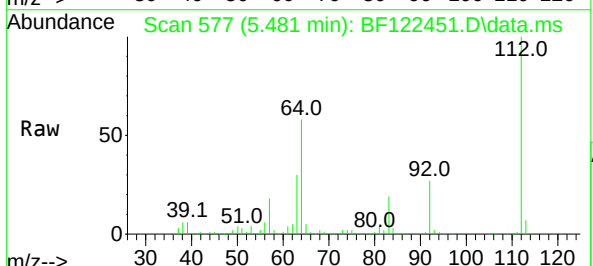
Tgt Ion:152 Resp: 180880
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 60.6 51.9 77.9

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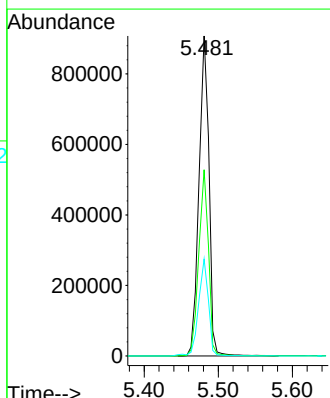
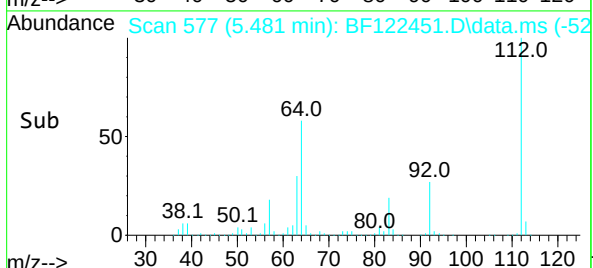
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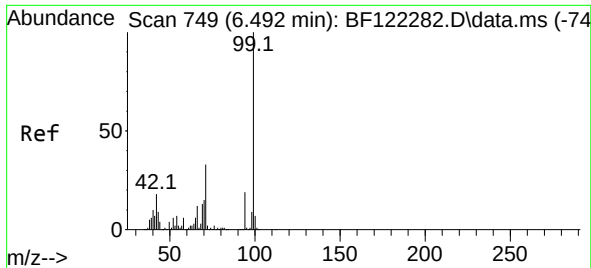


#5
2-Fluorophenol
Concen: 72.05 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18



Tgt Ion:112 Resp: 848767
Ion Ratio Lower Upper
112 100
64 58.2 50.4 75.6
63 30.3 25.8 38.6





#7
Phenol-d6
Concen: 68.43 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

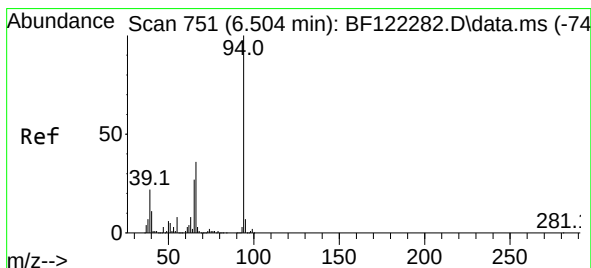
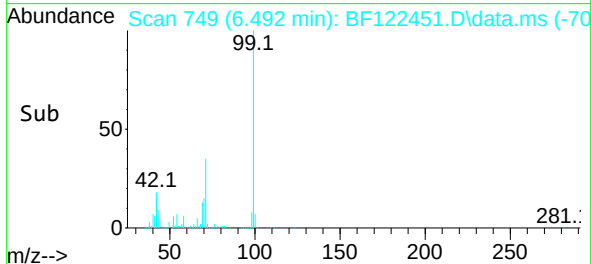
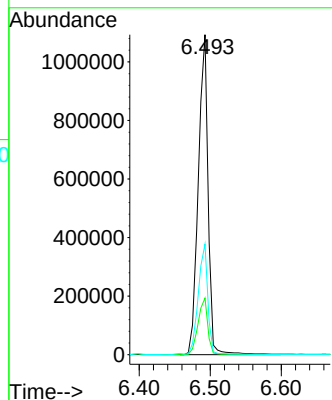
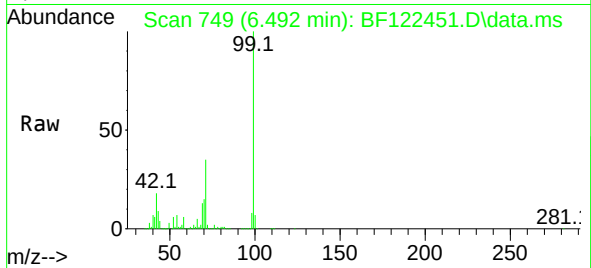
Tgt Ion: 99 Resp: 1054605

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.9	23.9
71	34.5	27.1	40.7

Instrument :
BNA_F
ClientSampled :
SB-05

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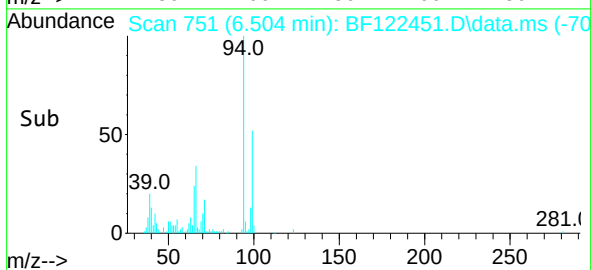
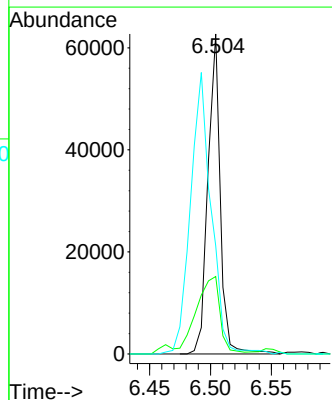
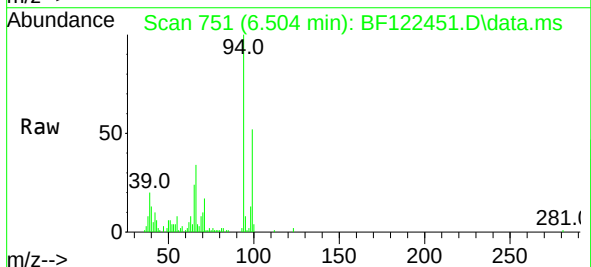
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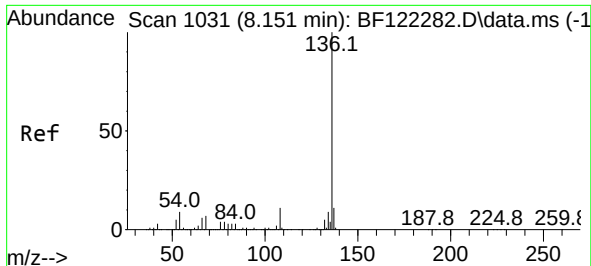


#10
Phenol
Concen: 2.91 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

Tgt Ion: 94 Resp: 44219

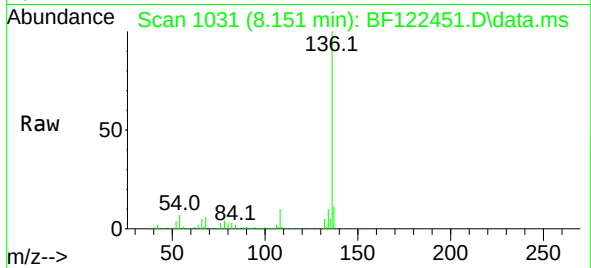
Ion	Ratio	Lower	Upper
94	100		
65	24.2	17.1	57.1
66	33.8	36.0	76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

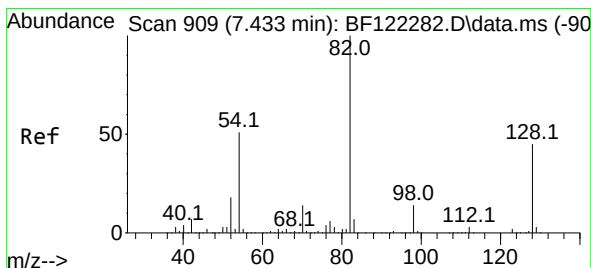
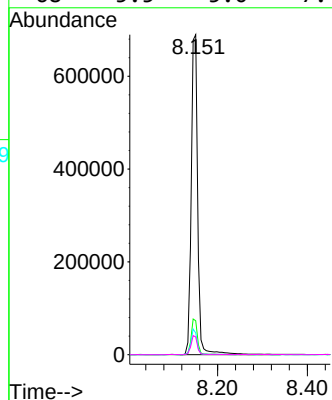
Instrument :
BNA_F
ClientSampled :
SB-05



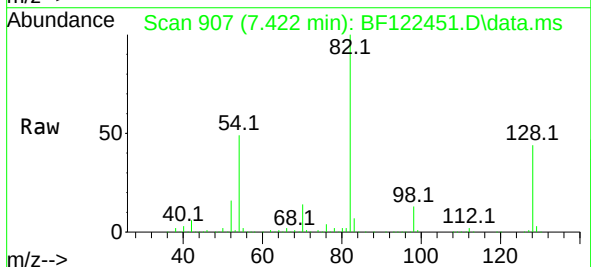
Tgt Ion:	136	Resp:	690305
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	6.8	7.1	10.7#
68	5.5	5.0	7.4

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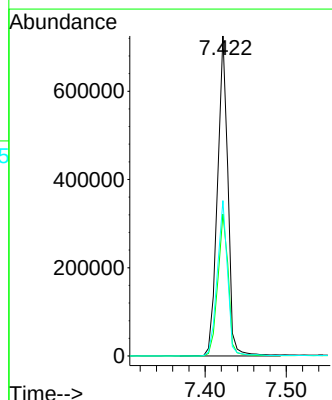
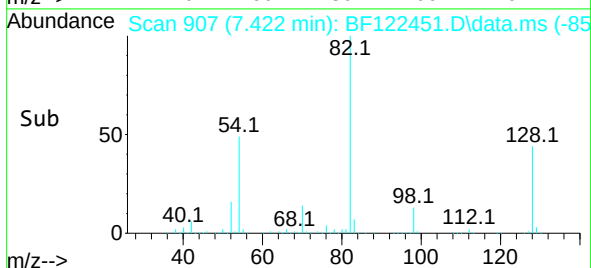
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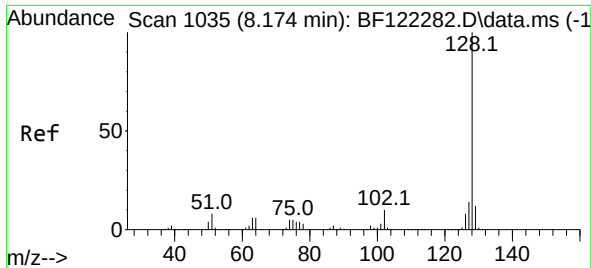


#23
Nitrobenzene-d5
Concen: 57.50 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18



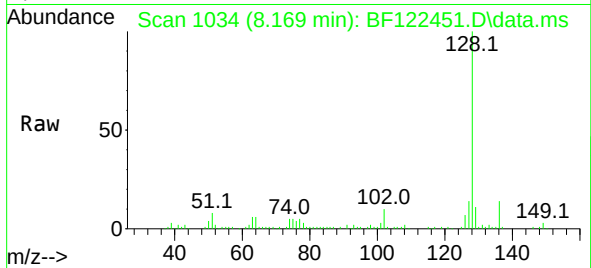
Tgt Ion:	82	Resp:	648383
Ion Ratio	Lower	Upper	
82	100		
128	44.4	35.0	52.4
54	48.6	43.9	65.9





#31
Naphthalene
Concen: 2.10 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

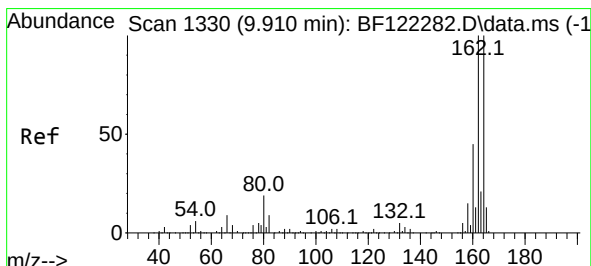
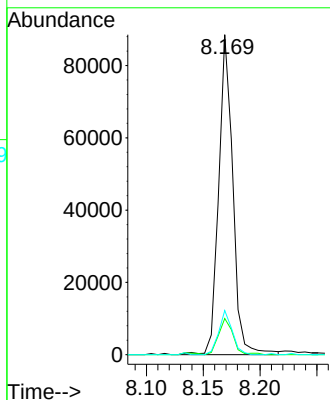
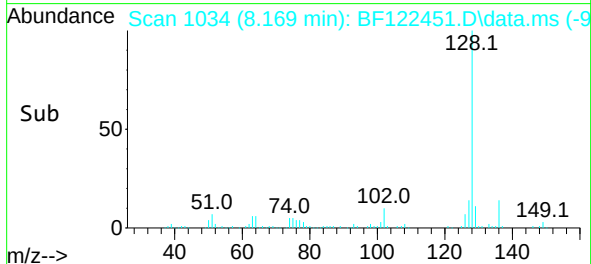
Instrument :
BNA_F
ClientSampled :
SB-05



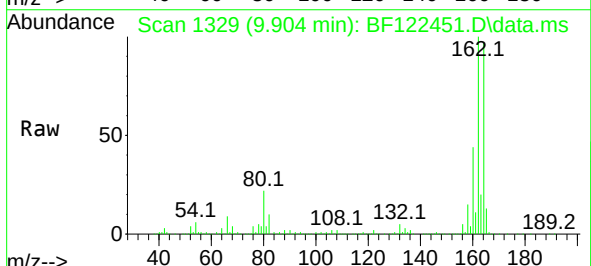
Tgt Ion:128 Resp: 77026
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.8 10.8 16.2

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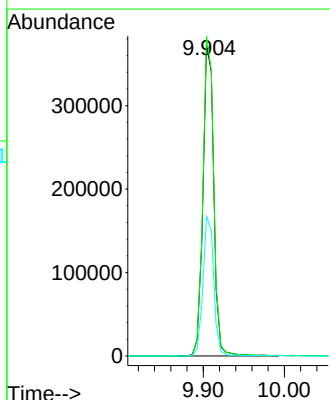
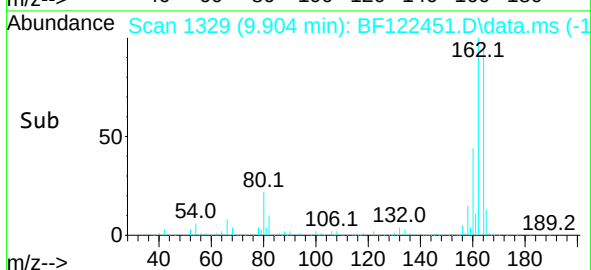
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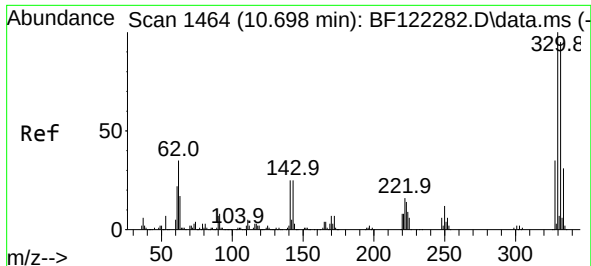


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18



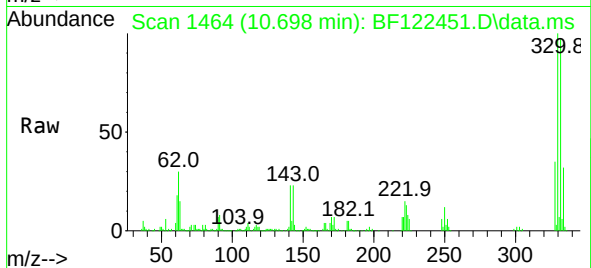
Tgt Ion:164 Resp: 344918
Ion Ratio Lower Upper
164 100
162 102.9 83.2 124.8
160 44.9 37.5 56.3





#42
 2,4,6-Tribromophenol
 Concen: 77.33 ng
 RT: 10.698 min Scan# 1464
 Delta R.T. -0.006 min
 Lab File: BF122451.D
 Acq: 23 Nov 2020 17:18

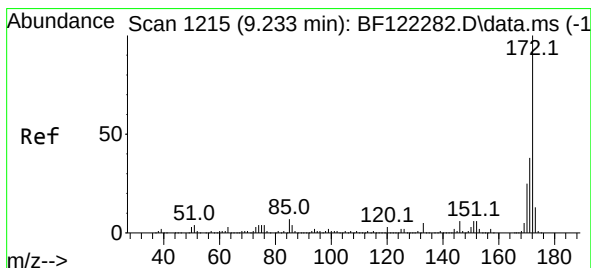
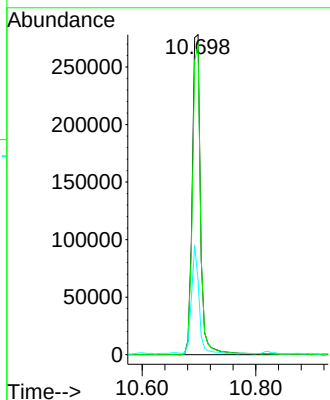
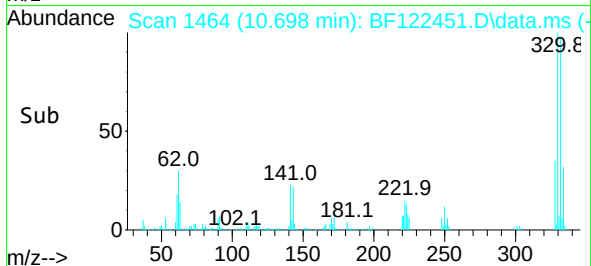
Instrument :
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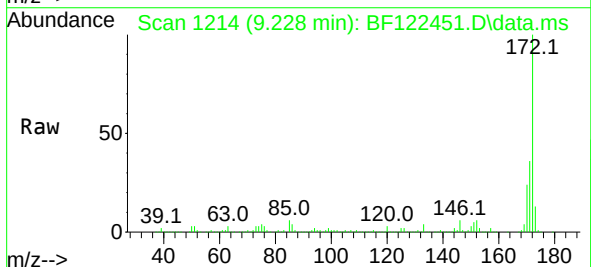
Tgt Ion: 330 Resp: 286259
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 30.5 22.3 33.5

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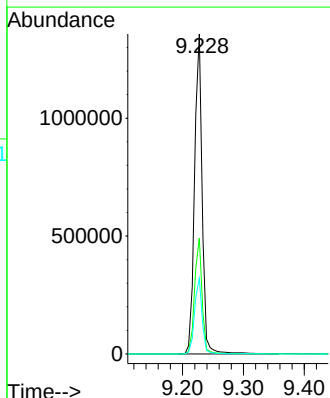
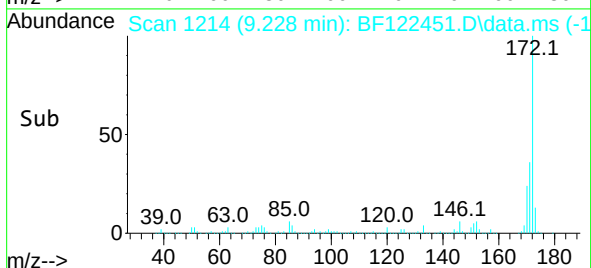
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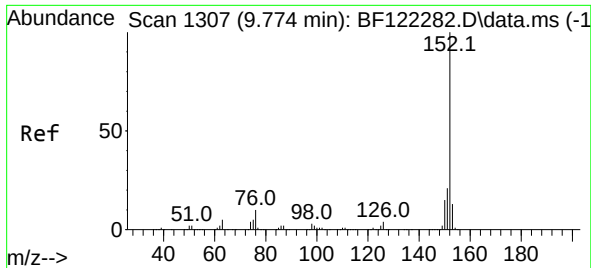


#45
 2-Fluorobiphenyl
 Concen: 53.80 ng
 RT: 9.228 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: BF122451.D
 Acq: 23 Nov 2020 17:18



Tgt Ion: 172 Resp: 1187634
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.1 43.7
 170 23.7 19.8 29.6





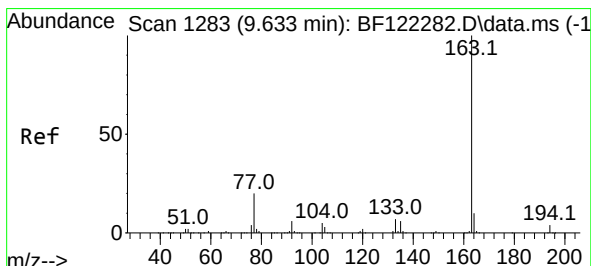
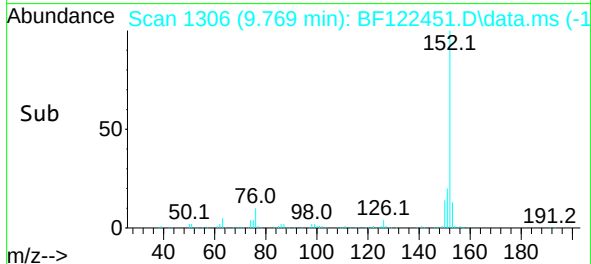
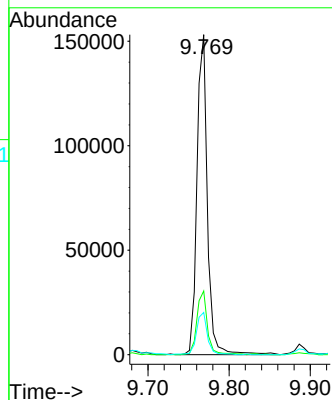
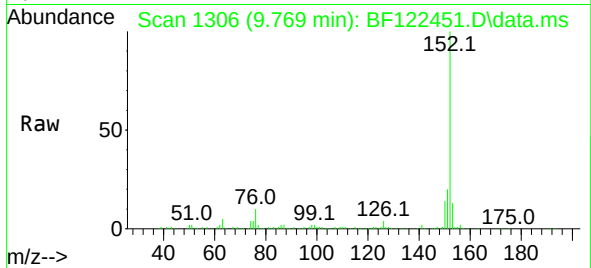
#49
Acenaphthylene
Concen: 4.10 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

Tgt Ion:152 Resp: 137289
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.2 10.6 15.8

Instrument :
BNA_F
ClientSampled :
SB-05

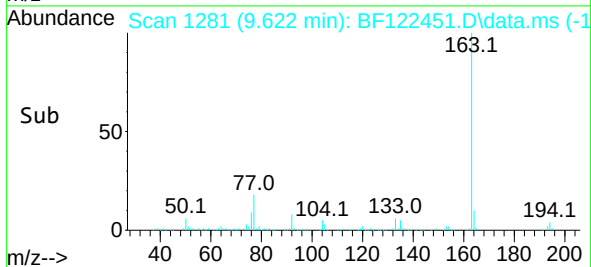
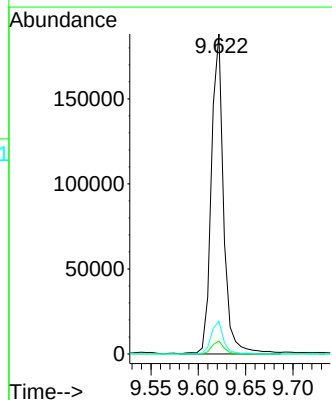
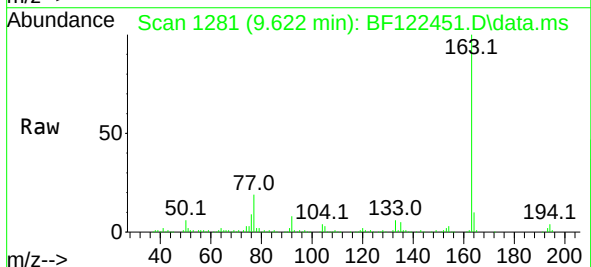
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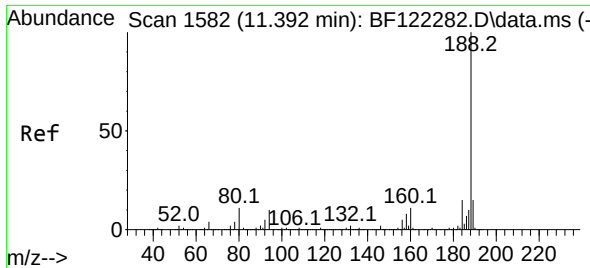
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#50
Dimethylphthalate
Concen: 6.89 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

Tgt Ion:163 Resp: 168890
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.2 12.4





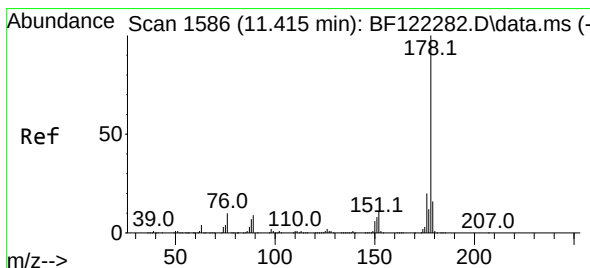
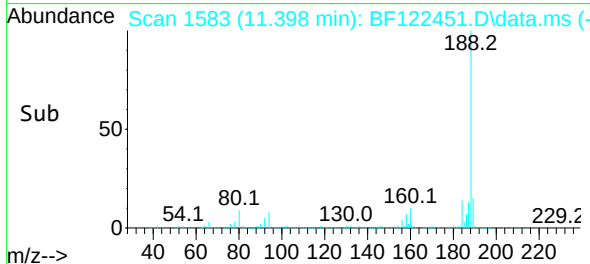
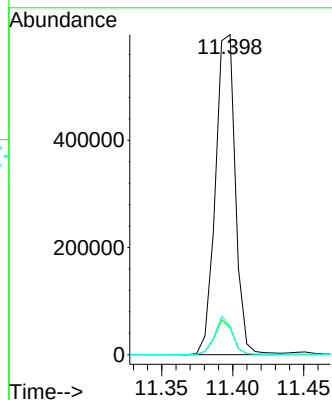
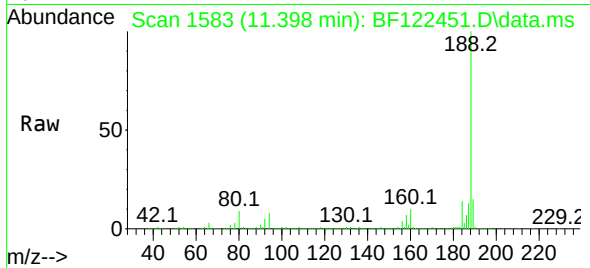
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

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BNA_F
ClientSampled :
SB-05

Tgt Ion:188 Resp: 580529
Ion Ratio Lower Upper
188 100
94 8.3 8.3 12.5
80 8.9 9.1 13.7#

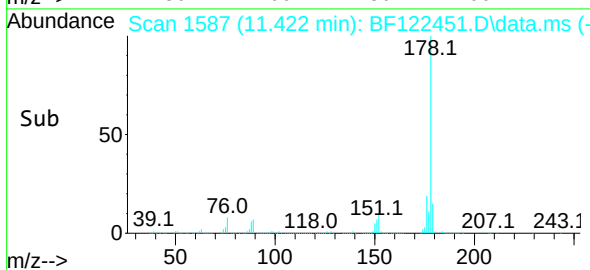
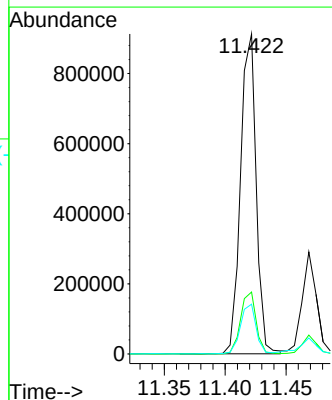
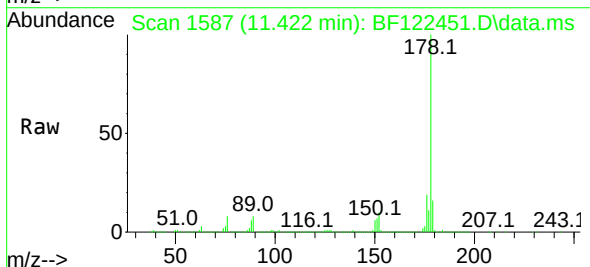
Manual Integrations
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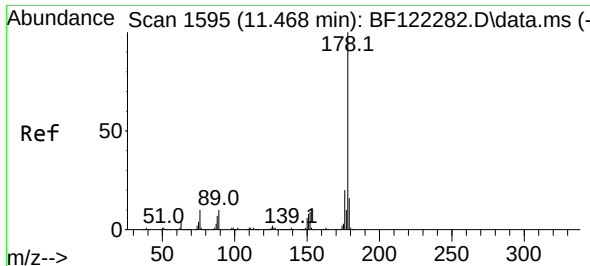
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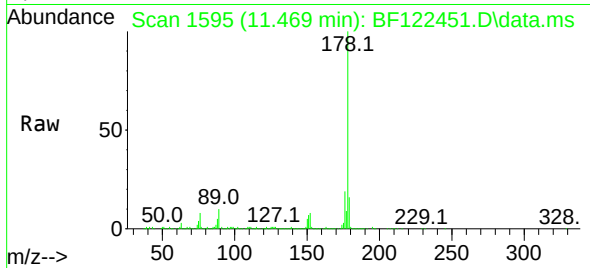
#71
Phenanthrene
Concen: 24.68 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

Tgt Ion:178 Resp: 812932
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.6 12.2 18.4

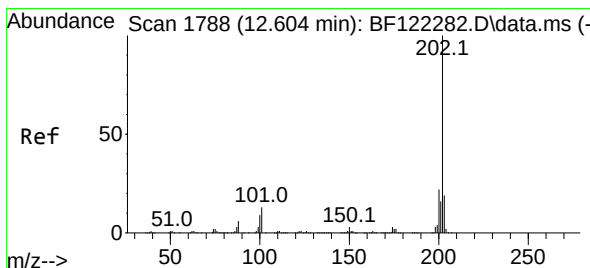
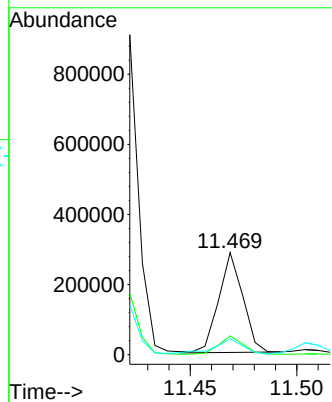
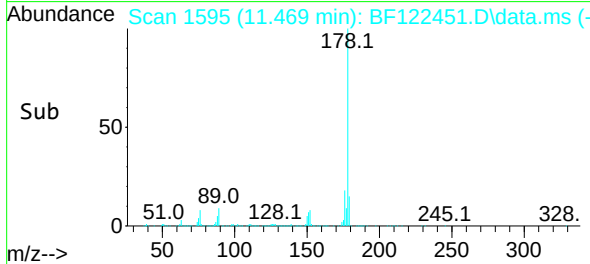




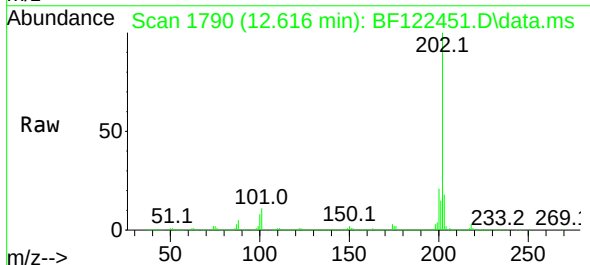
#72
 Anthracene
 Concen: 6.64 ng
 RT: 11.469 min Scan# 1595
 Delta R.T. -0.012 min
 Lab File: BF122451.D
 Acq: 23 Nov 2020 17:18



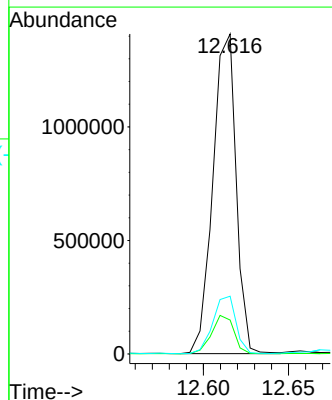
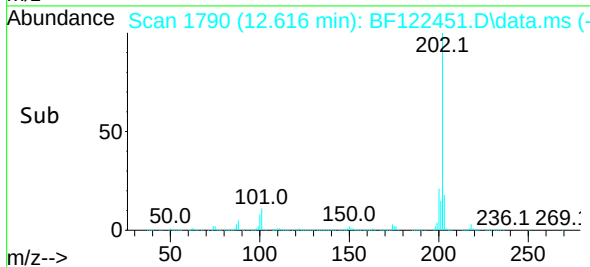
Tgt Ion:178 Resp: 225289
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.7 23.5
 179 15.7 12.7 19.1



#75
 Fluoranthene
 Concen: 38.90 ng
 RT: 12.616 min Scan# 1790
 Delta R.T. -0.006 min
 Lab File: BF122451.D
 Acq: 23 Nov 2020 17:18



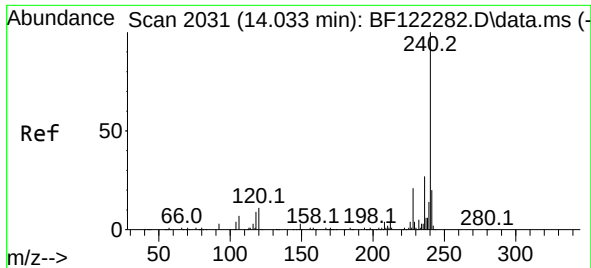
Tgt Ion:202 Resp: 1337740
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 33.4
 203 18.1 0.0 37.9



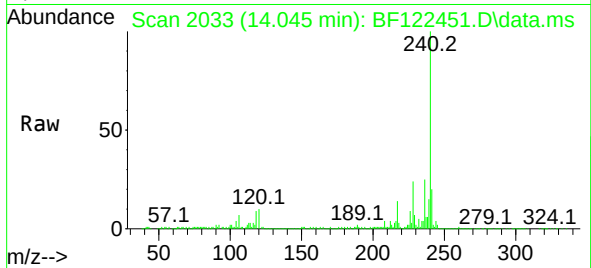
Instrument :
 BNA_F
 ClientSampled :
 SB-05

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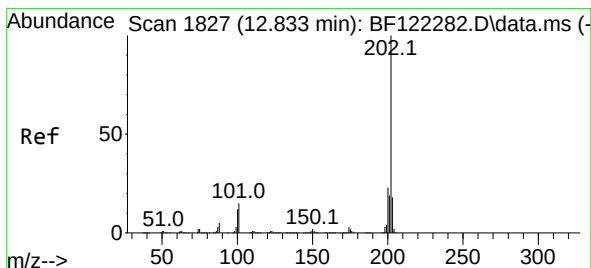
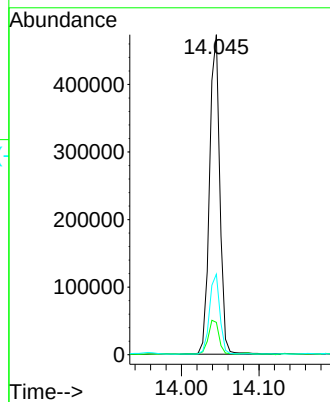
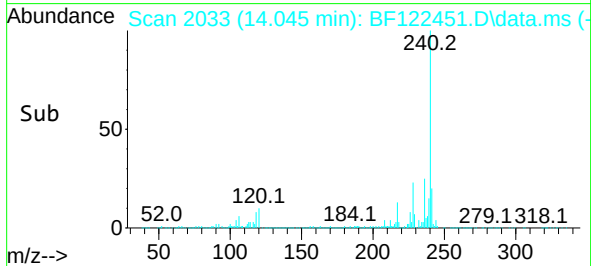
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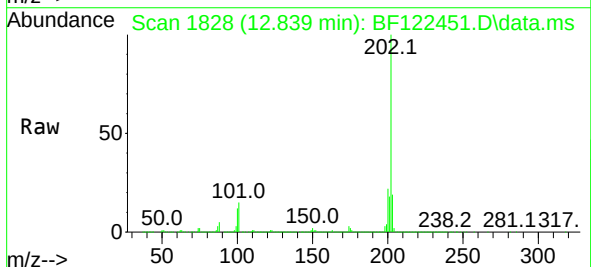
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18



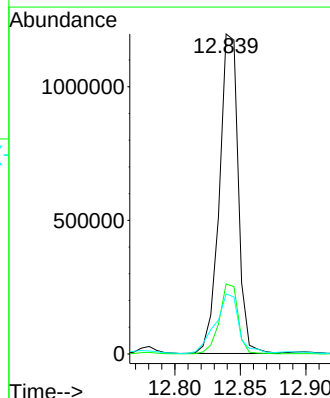
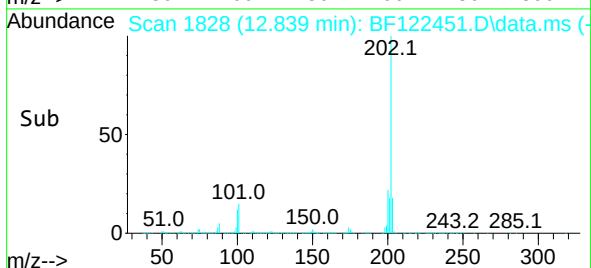
Tgt Ion:240 Resp: 435854
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 25.2 20.9 31.3



#78
Pyrene
Concen: 38.92 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18



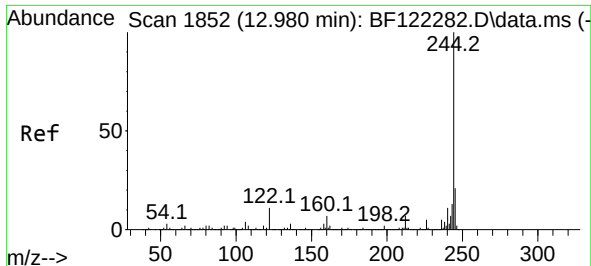
Tgt Ion:202 Resp: 1191729
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.8 14.6 21.8



Instrument :
BNA_F
ClientSampled :
SB-05

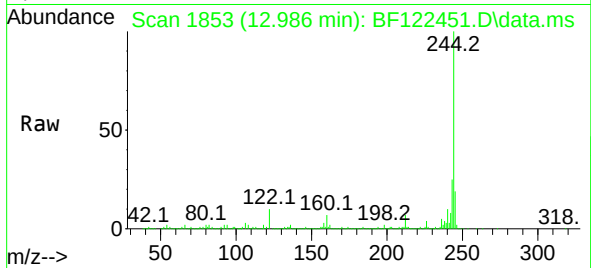
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#79
Terphenyl-d14
Concen: 50.16 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

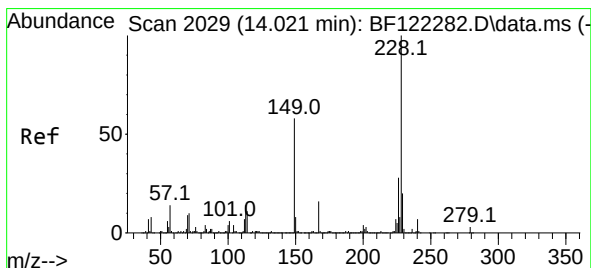
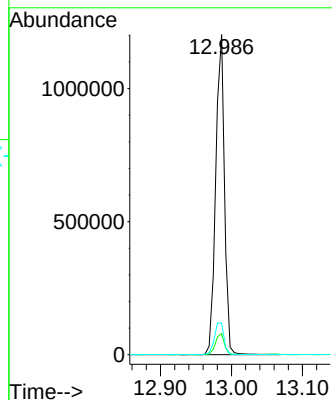
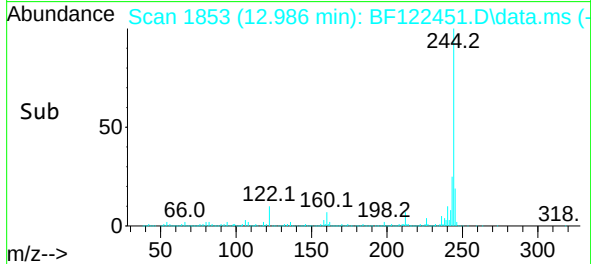
Instrument :
BNA_F
ClientSampleId :
SB-05



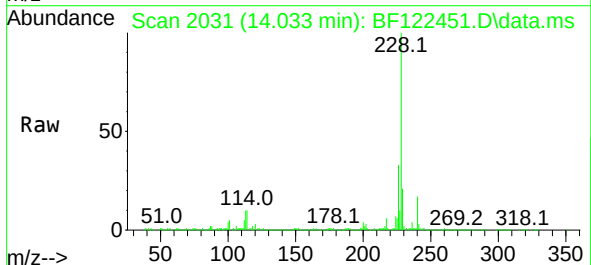
Tgt Ion:244 Resp: 1031915
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 9.8 8.1 12.1

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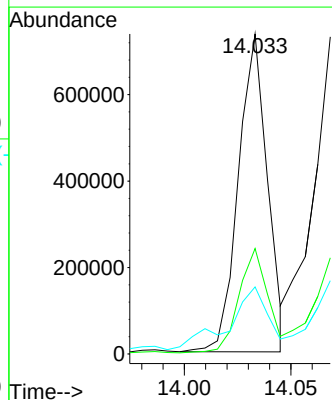
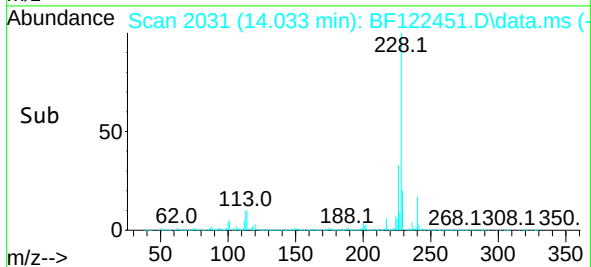
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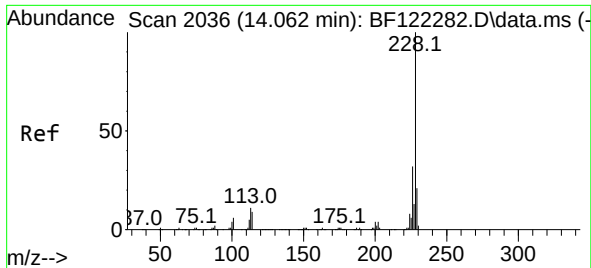


#81
Benzo(a)anthracene
Concen: 25.81 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

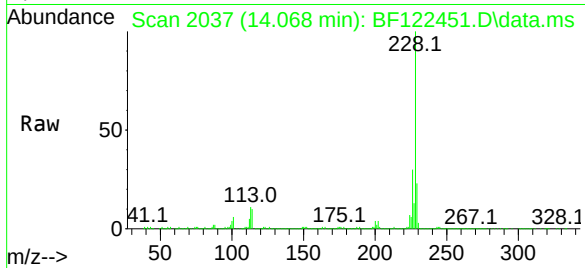


Tgt Ion:228 Resp: 699598
Ion Ratio Lower Upper
228 100
226 33.0 22.3 33.5
229 21.0 16.2 24.4

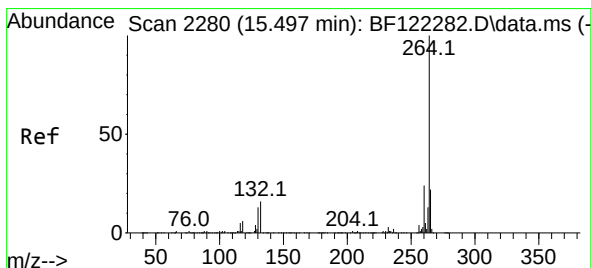
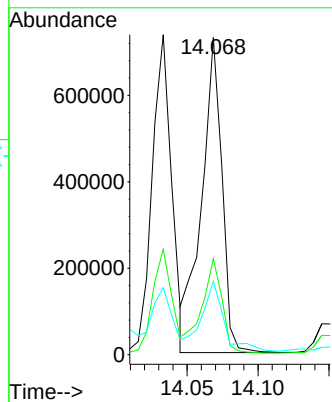
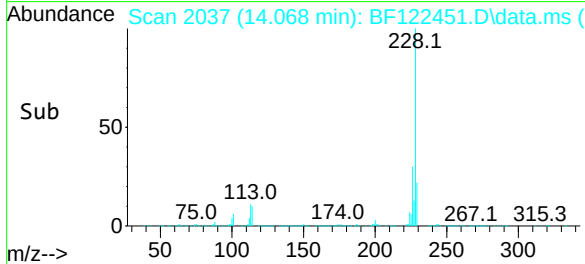




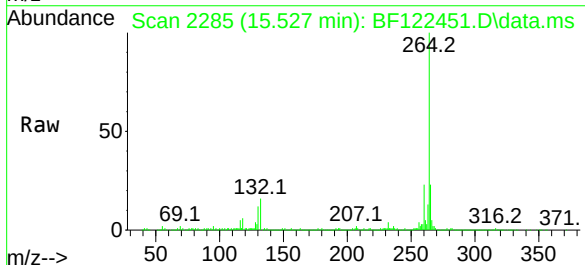
#83
Chrysene
Concen: 26.67 ng m
RT: 14.068 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18



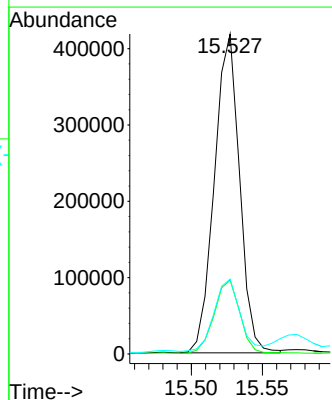
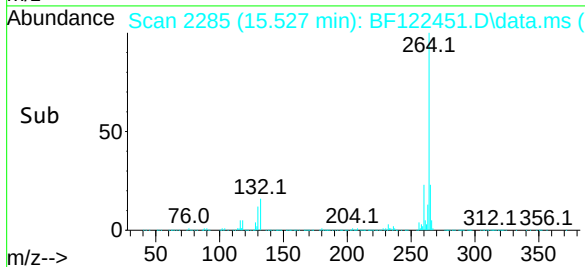
Tgt Ion:228 Resp: 728128
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 23.1 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18



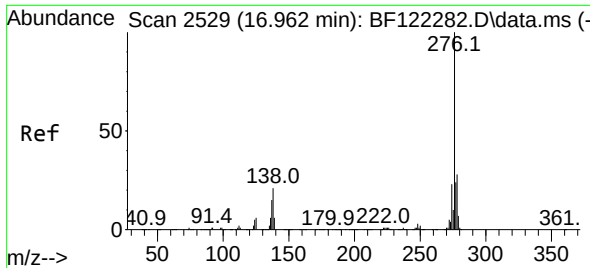
Tgt Ion:264 Resp: 514925
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 23.4 17.3 25.9



Instrument :
BNA_F
ClientSampled :
SB-05

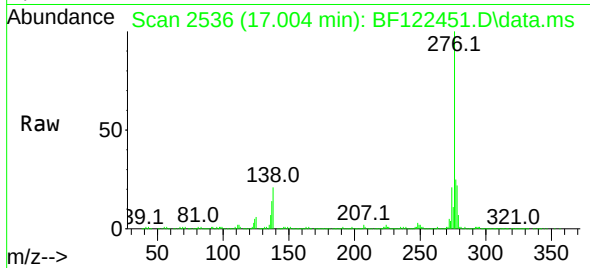
Manual Integrations
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#87
Indeno(1,2,3-cd)pyrene
Concen: 19.60 ng
RT: 17.004 min Scan# 2536
Delta R.T. -0.018 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

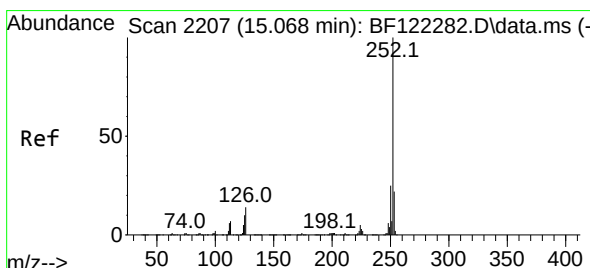
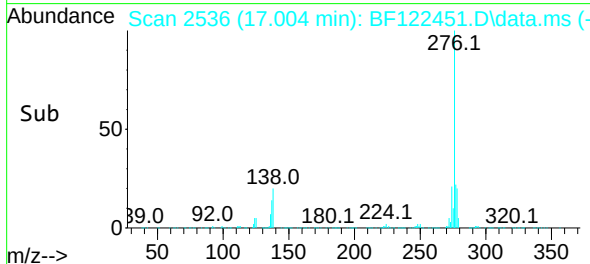
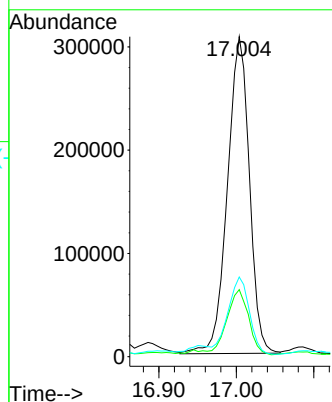
Instrument :
BNA_F
ClientSampled :
SB-05



Tgt Ion:276 Resp: 605497
Ion Ratio Lower Upper
276 100
138 20.2 19.9 29.9
277 23.6 20.4 30.6

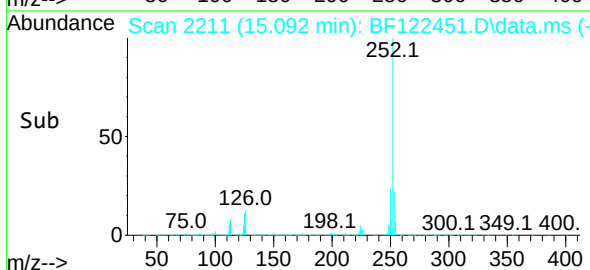
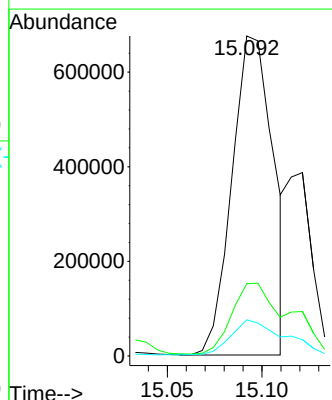
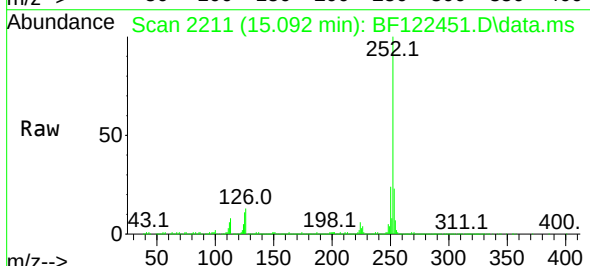
Manual Integrations
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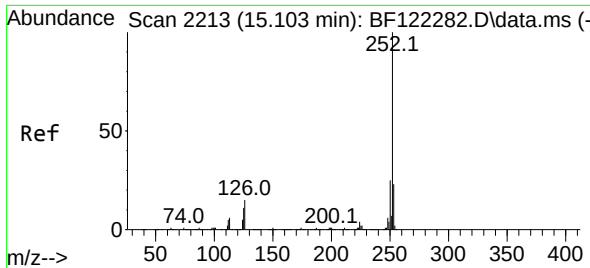
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#88
Benzo(b)fluoranthene
Concen: 30.68 ng m
RT: 15.092 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

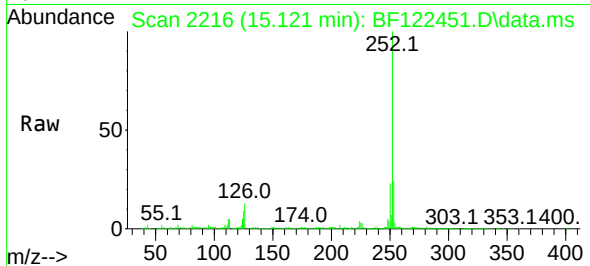
Tgt Ion:252 Resp: 1023159
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 11.3 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 10.62 ng m
RT: 15.121 min Scan# 2216
Delta R.T. -0.012 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

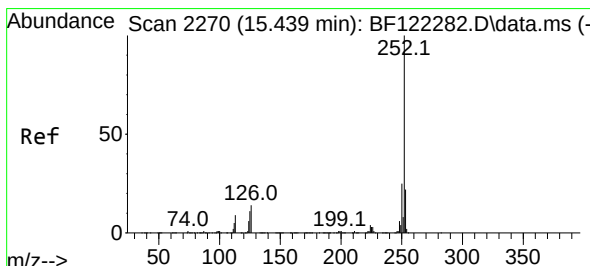
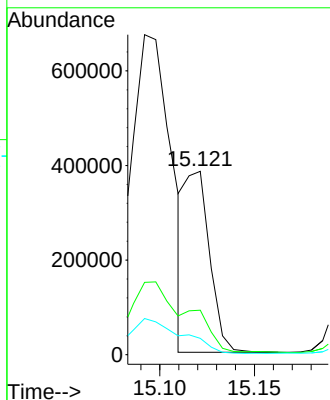
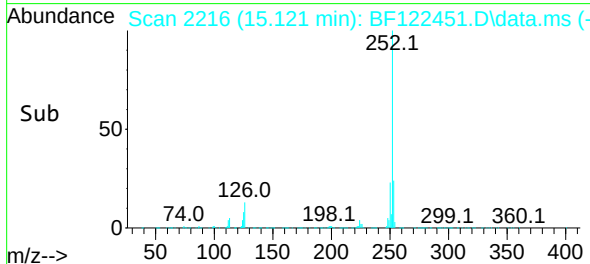
Instrument :
BNA_F
ClientSampled :
SB-05



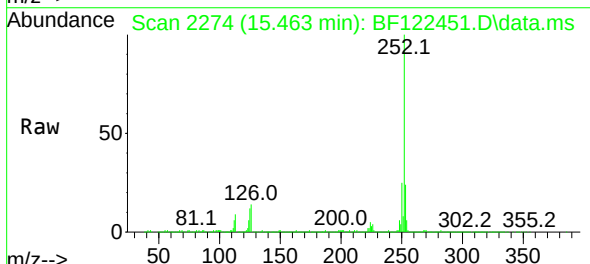
Tgt Ion:252 Resp: 345400
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 8.9 7.7 11.5

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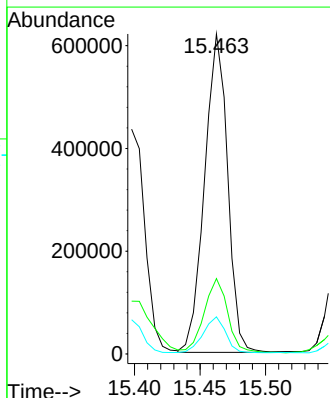
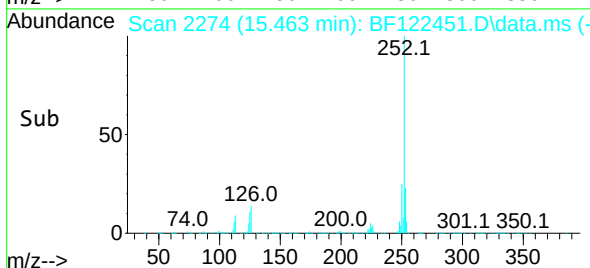
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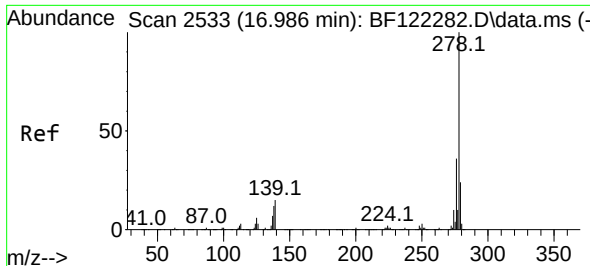


#90
Benzo(a)pyrene
Concen: 26.07 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.012 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18



Tgt Ion:252 Resp: 757866
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 11.6 8.6 13.0





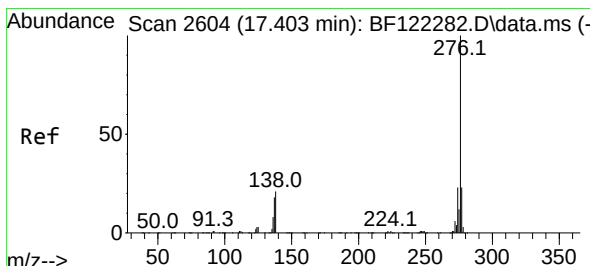
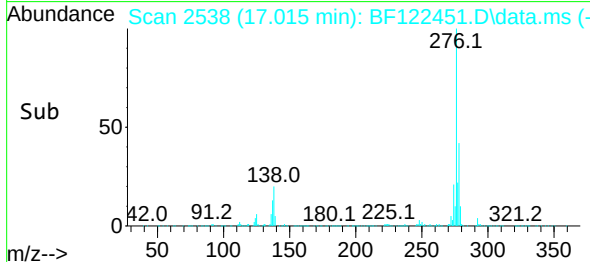
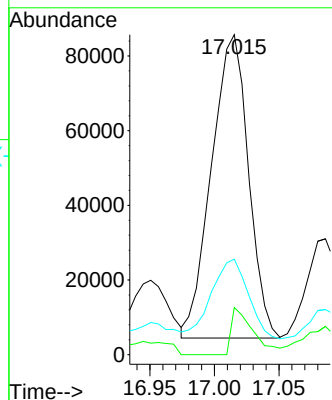
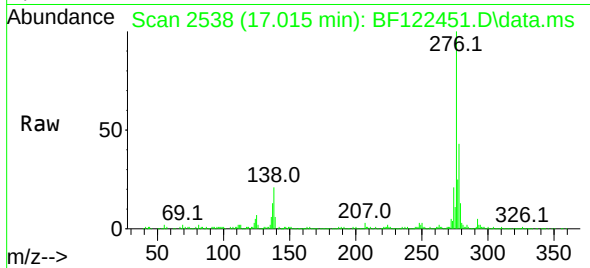
#91
Dibenzo(a,h)anthracene
Concen: 6.25 ng m
RT: 17.015 min Scan# 2538
Delta R.T. -0.024 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

Tgt Ion:278 Resp: 161667
Ion Ratio Lower Upper
278 100
139 14.7 13.0 19.4
279 29.9 19.0 28.4#

Instrument :
BNA_F
ClientSampled :
SB-05

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 23.55 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.018 min
Lab File: BF122451.D
Acq: 23 Nov 2020 17:18

Tgt Ion:276 Resp: 592772
Ion Ratio Lower Upper
276 100
277 25.4 19.4 29.2
138 21.1 17.8 26.6

