

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122455.D
 Acq On : 23 Nov 2020 19:23
 Operator : JU/CG
 Sample : L4836-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03

Manual Integrations
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Quant Time: Nov 24 00:27:44 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	168370	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	628833	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	310879	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	501628	20.00	ng	0.00
76) Chrysene-d12	14.045	240	438430	20.00	ng	0.00
86) Perylene-d12	15.527	264	539911	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	834218	76.08	ng	-0.01
7) Phenol-d6	6.492	99	1042370	72.67	ng	-0.02
23) Nitrobenzene-d5	7.422	82	632573	61.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	262042	78.54	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1113727	55.97	ng	0.00
79) Terphenyl-d14	12.986	244	936026	45.23	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.504	94	46728	3.31	ng	81
50) Dimethylphthalate	9.622	163	162357	7.35	ng	100
58) Fluorene	10.457	166	43247	2.06	ng	100
71) Phenanthrene	11.422	178	750635	26.37	ng	99
72) Anthracene	11.469	178	181101	6.17	ng	99
73) Carbazole	11.627	167	58196	2.18	ng	98
75) Fluoranthene	12.616	202	1219368	41.04	ng	97
78) Pyrene	12.845	202	1242825	40.35	ng	100
81) Benzo(a)anthracene	14.033	228	749291	27.48	ng	97
83) Chrysene	14.068	228	685060	24.94	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	479293	14.79	ng	95
88) Benzo(b)fluoranthene	15.092	252	901514m	25.78	ng	
89) Benzo(k)fluoranthene	15.121	252	336110m	9.86	ng	
90) Benzo(a)pyrene	15.463	252	739854	24.27	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	127732	4.71	ng	95
92) Benzo(g,h,i)perylene	17.451	276	457386	17.33	ng	98

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

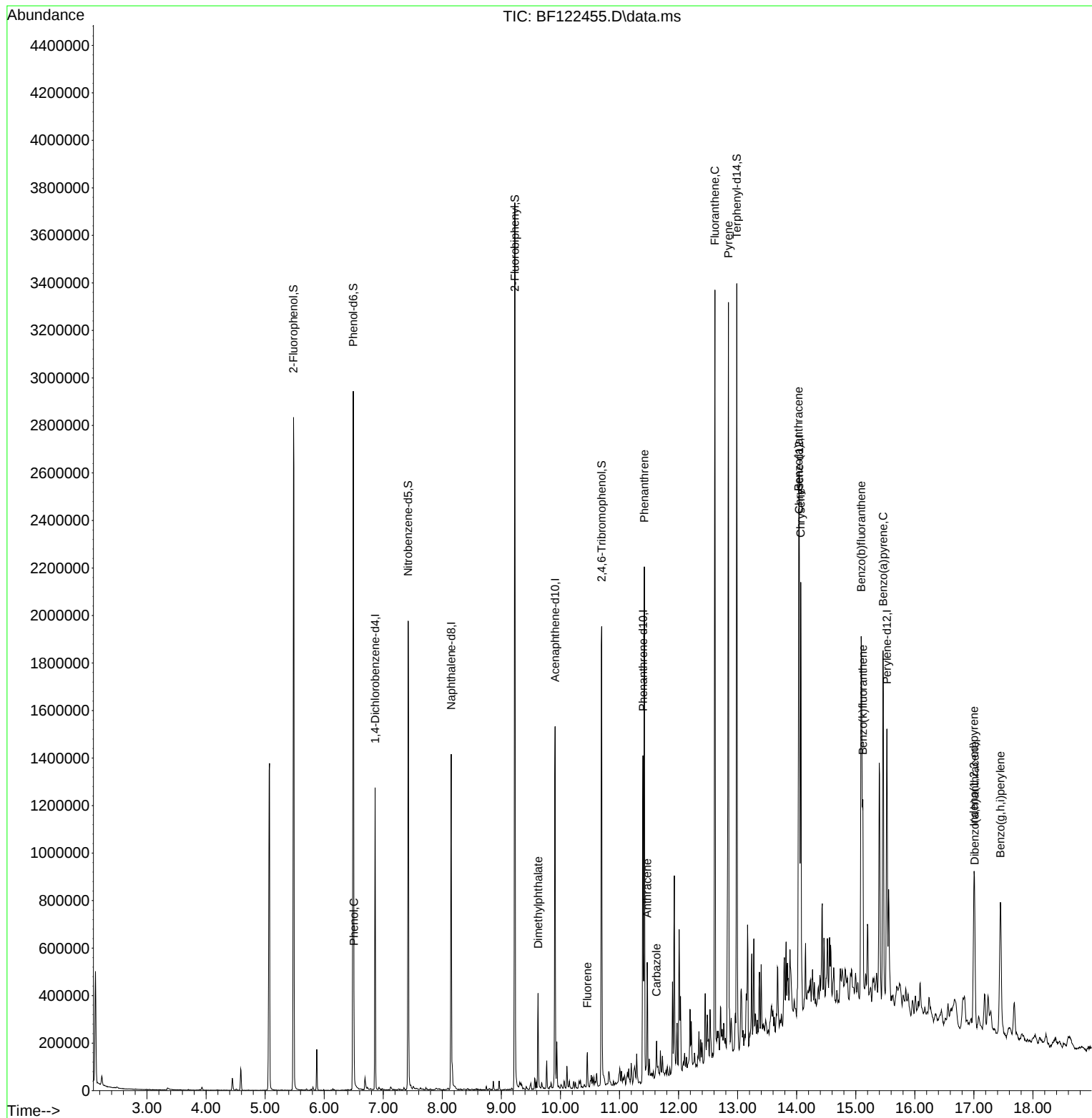
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
Data File : BF122455.D
Acq On : 23 Nov 2020 19:23
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Instrument :
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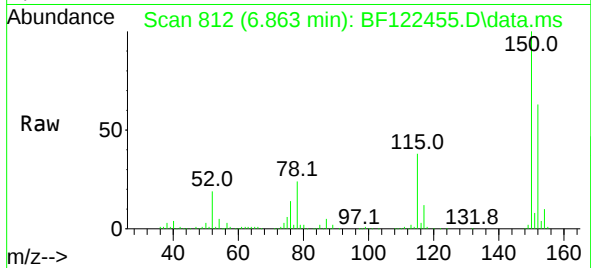
Quant Time: Nov 24 00:27:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23

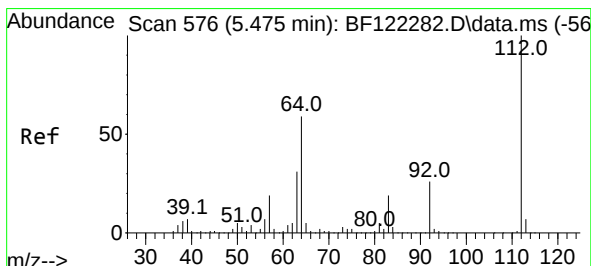
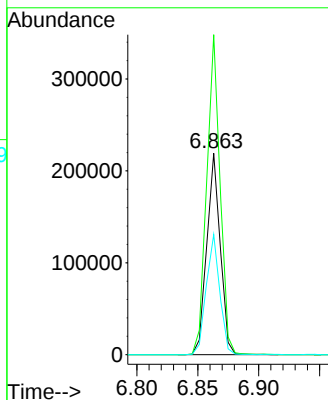
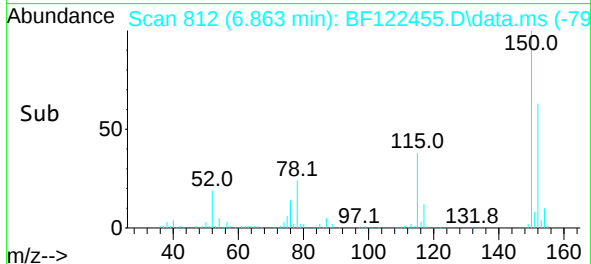
Instrument :
BNA_F
ClientSampleId :
SB-03



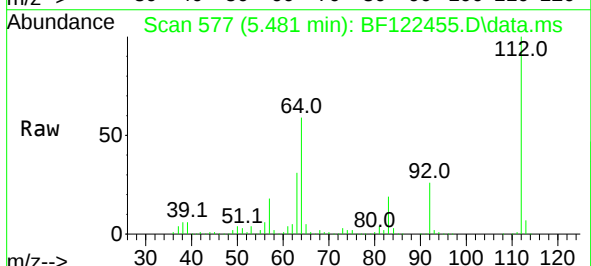
Tgt Ion:152 Resp: 168370
Ion Ratio Lower Upper
152 100
150 158.9 125.3 187.9
115 59.6 51.9 77.9

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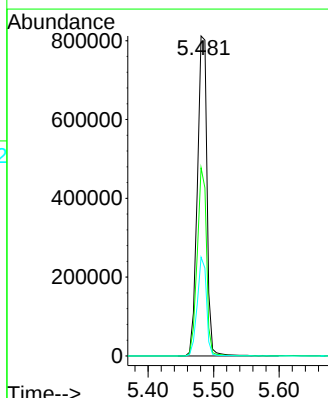
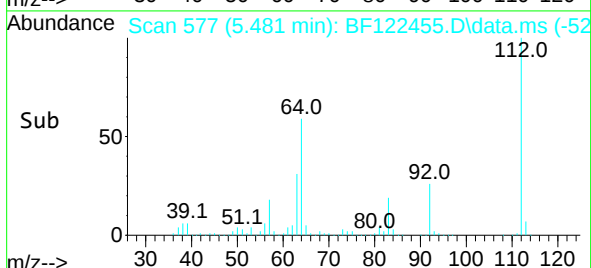
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#5
2-Fluorophenol
Concen: 76.08 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23

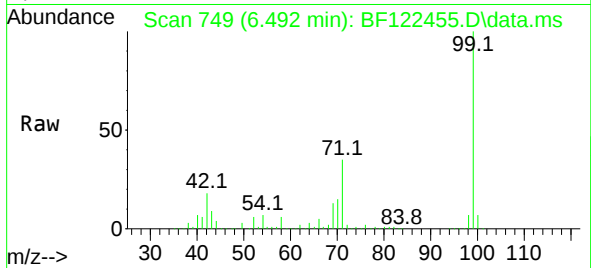


Tgt Ion:112 Resp: 834218
Ion Ratio Lower Upper
112 100
64 58.8 50.4 75.6
63 30.9 25.8 38.6

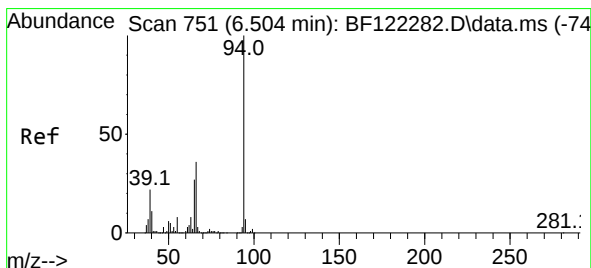
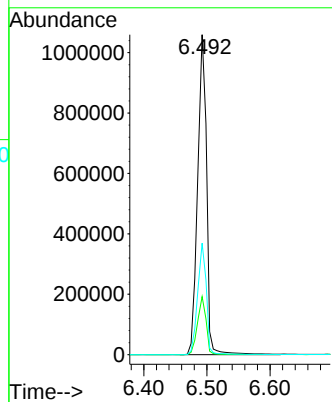
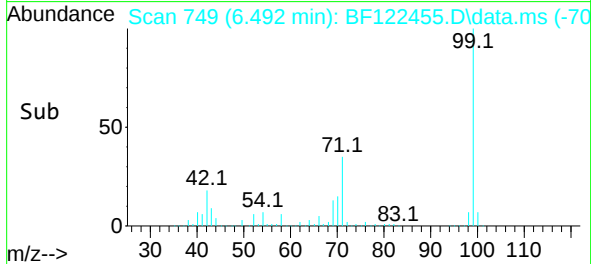




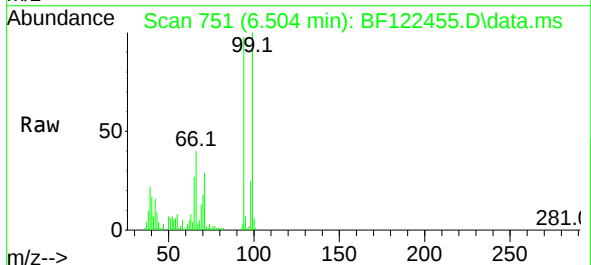
#7
Phenol-d6
Concen: 72.67 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23



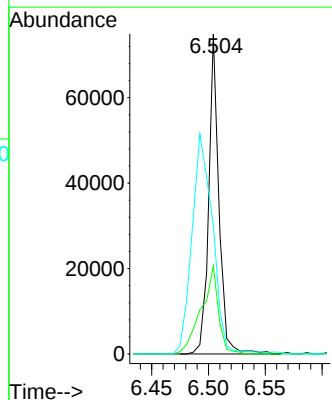
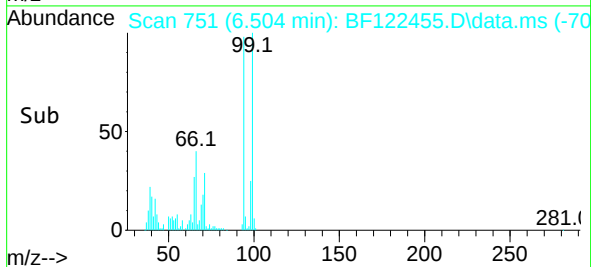
Tgt Ion: 99 Resp: 1042370
Ion Ratio Lower Upper
99 100
42 18.2 15.9 23.9
71 34.9 27.1 40.7



#10
Phenol
Concen: 3.31 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23



Tgt Ion: 94 Resp: 46728
Ion Ratio Lower Upper
94 100
65 27.4 17.1 57.1
66 40.4 36.0 76.0



Instrument :
BNA_F
ClientSampleId :
SB-03

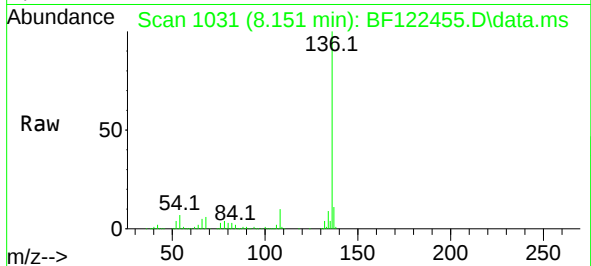
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23

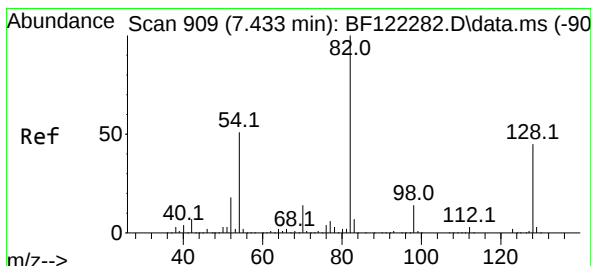
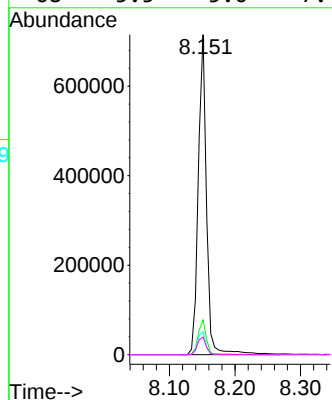
Instrument :
BNA_F
ClientSampled :
SB-03



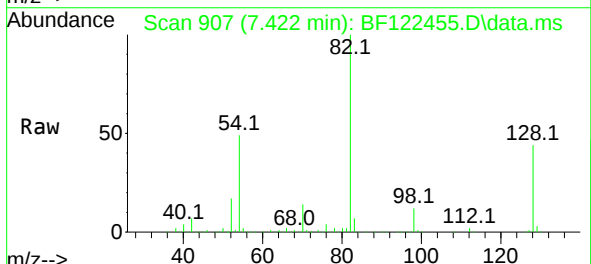
Tgt Ion:	136	Resp:	628833
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.2	7.1	10.7
68	5.5	5.0	7.4

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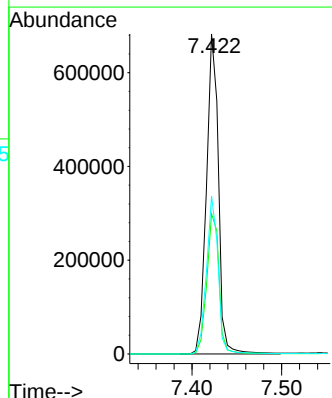
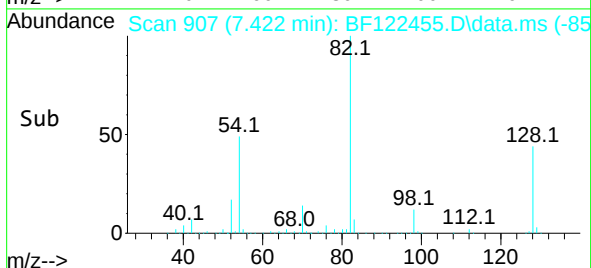
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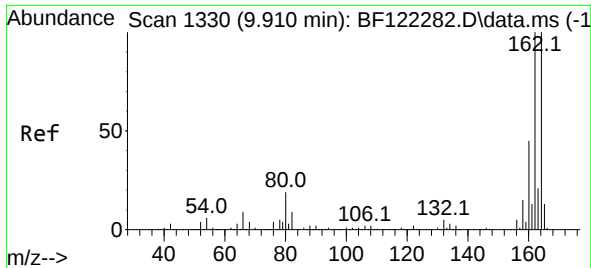


#23
Nitrobenzene-d5
Concen: 61.58 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23



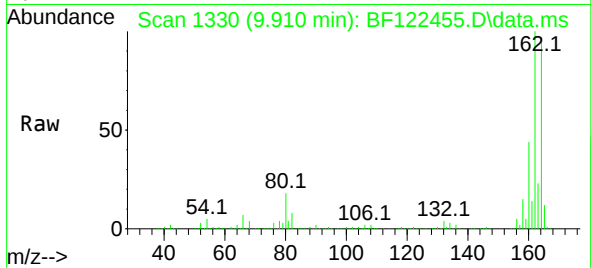
Tgt Ion:	82	Resp:	632573
Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.0	52.4
54	49.3	43.9	65.9





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23

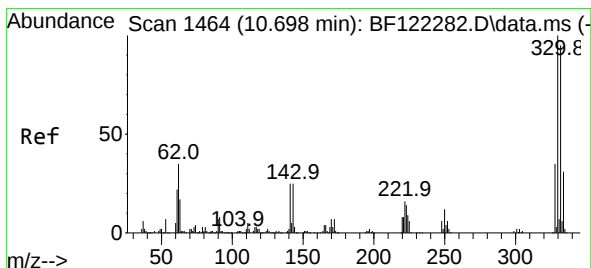
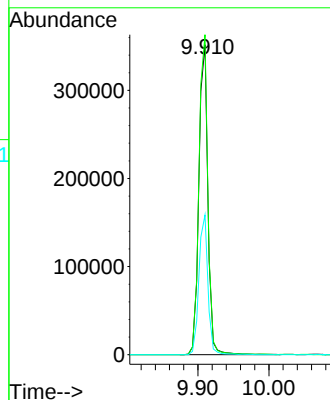
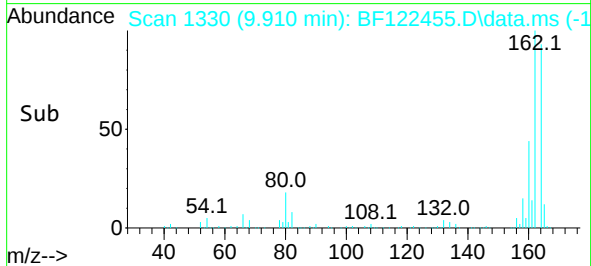
Instrument :
BNA_F
ClientSampled :
SB-03



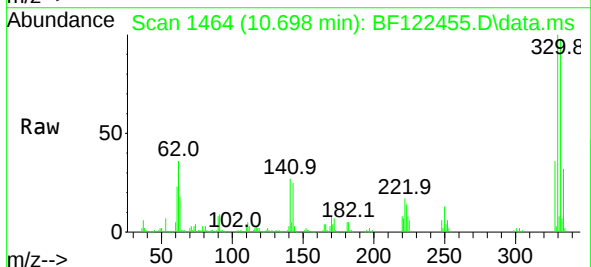
Tgt Ion:164 Resp: 310879
Ion Ratio Lower Upper
164 100
162 103.3 83.2 124.8
160 45.1 37.5 56.3

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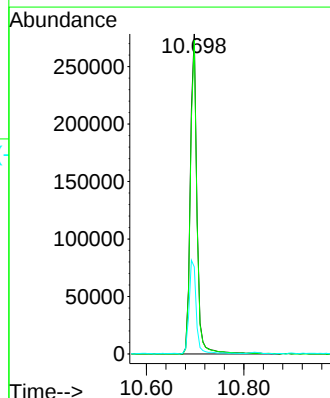
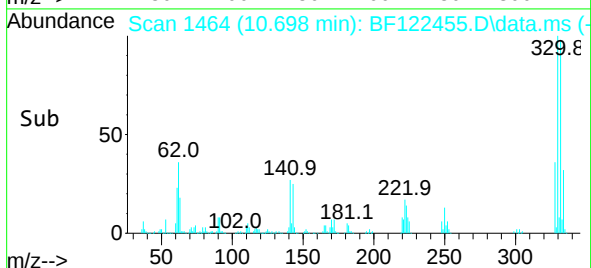
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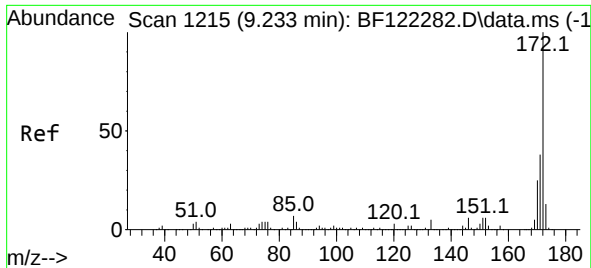


#42
2,4,6-Tribromophenol
Concen: 78.54 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23



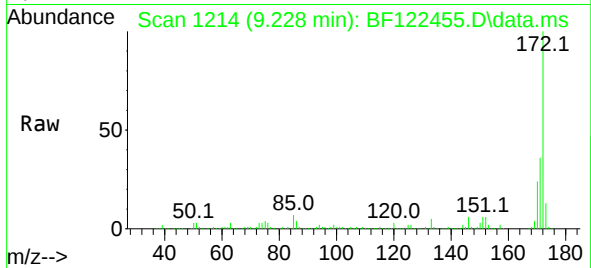
Tgt Ion:330 Resp: 262042
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 31.7 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 55.97 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23

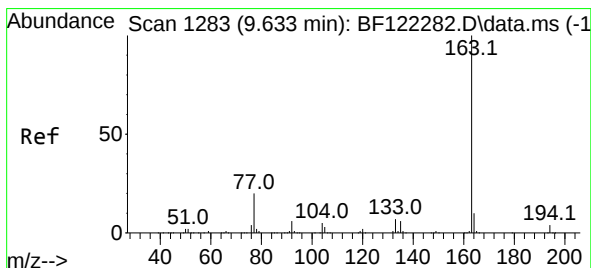
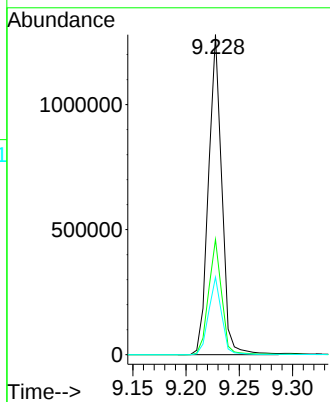
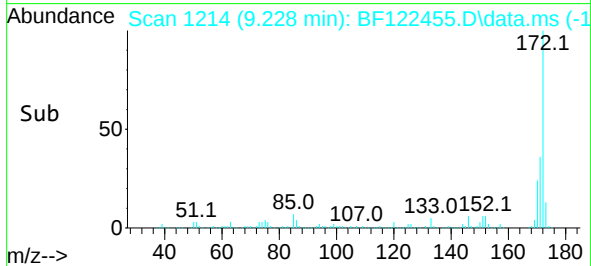
Instrument :
BNA_F
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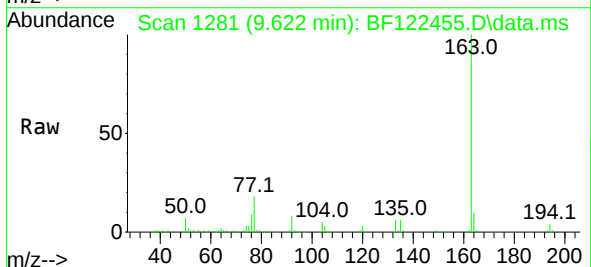
Tgt Ion:172 Resp: 1113727
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.2 19.8 29.6

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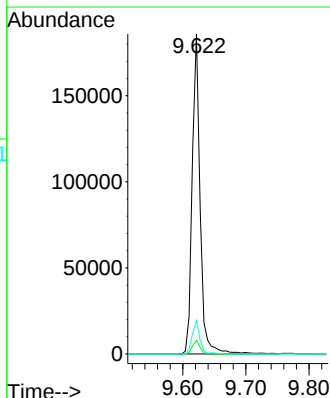
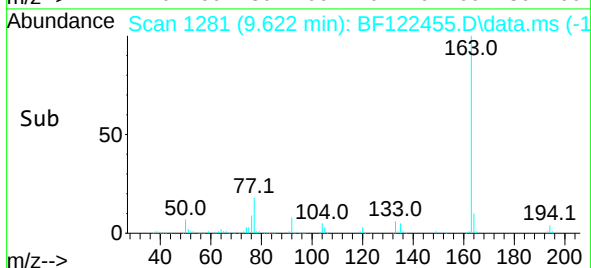
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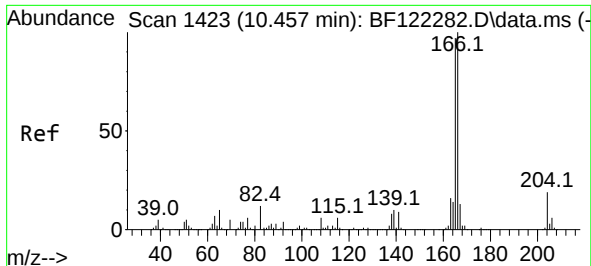


#50
Dimethylphthalate
Concen: 7.35 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23

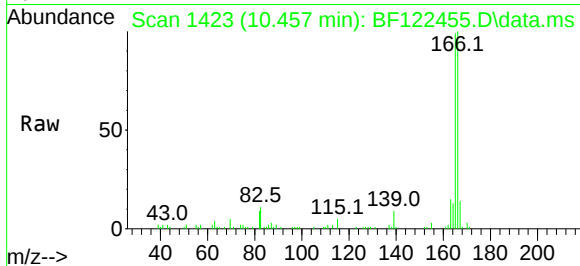


Tgt Ion:163 Resp: 162357
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.4 8.2 12.4

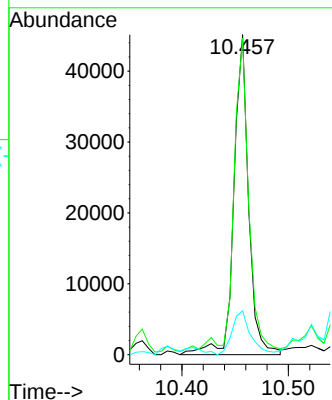
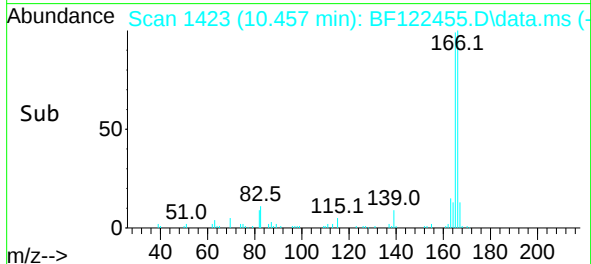




#58
Fluorene
Concen: 2.06 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23



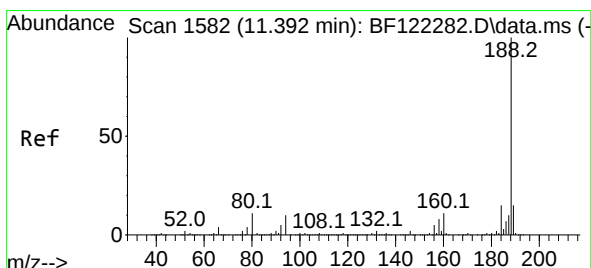
Tgt Ion:166 Resp: 43247
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 13.7 11.0 16.6



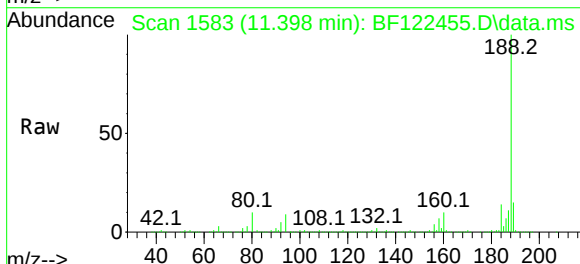
Instrument :
BNA_F
ClientSampled :
SB-03

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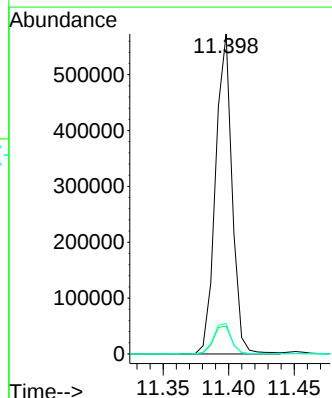
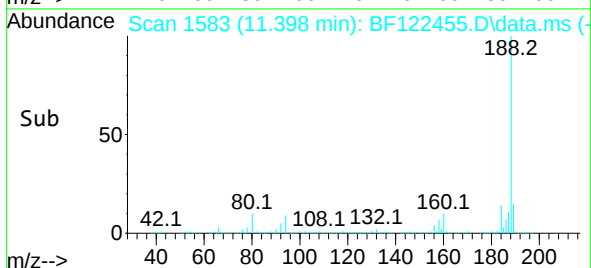
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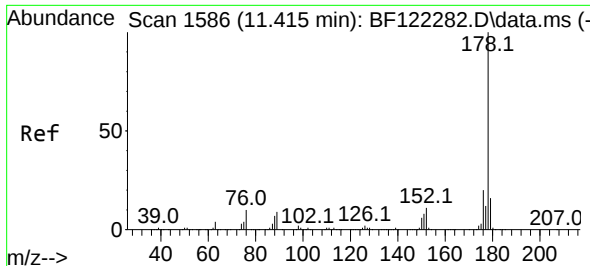


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23



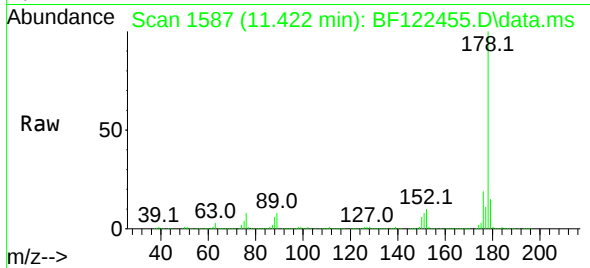
Tgt Ion:188 Resp: 501628
Ion Ratio Lower Upper
188 100
94 8.7 8.3 12.5
80 9.5 9.1 13.7





#71
Phenanthrene
Concen: 26.37 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23

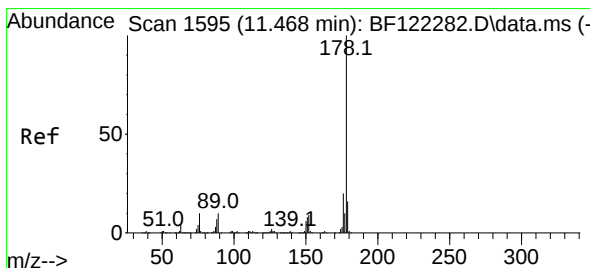
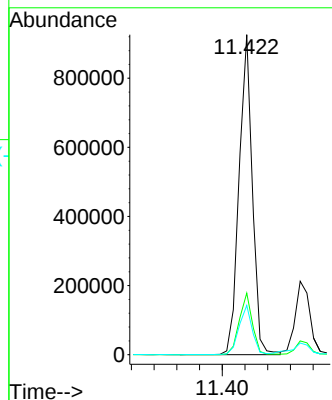
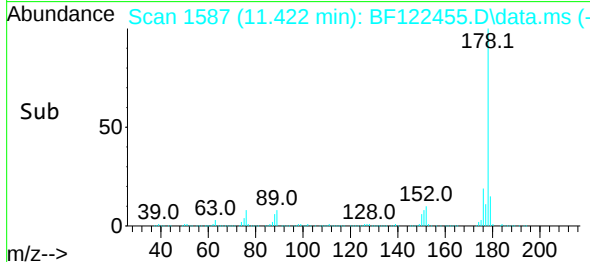
Instrument :
BNA_F
ClientSampled :
SB-03



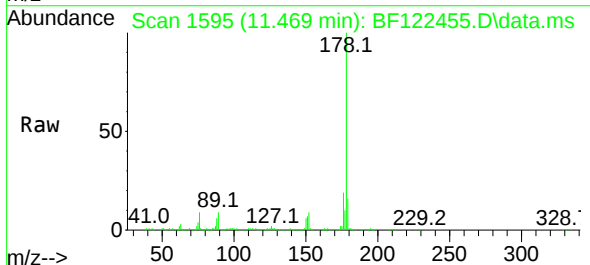
Tgt Ion:178 Resp: 750635
Ion Ratio Lower Upper
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176 19.2 15.9 23.9
179 15.4 12.2 18.4

Manual Integrations
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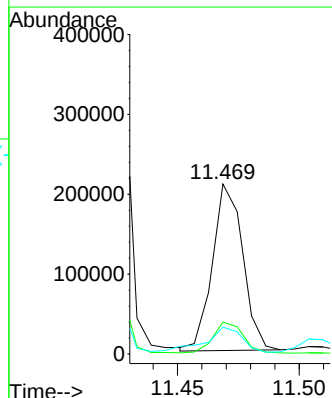
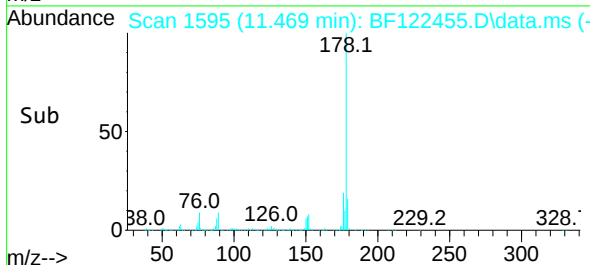
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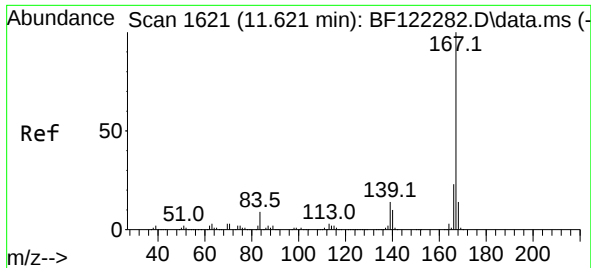


#72
Anthracene
Concen: 6.17 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.012 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23



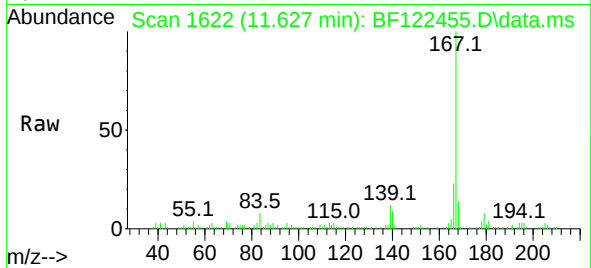
Tgt Ion:178 Resp: 181101
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.9 12.7 19.1





#73
Carbazole
Concen: 2.18 ng
RT: 11.627 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23

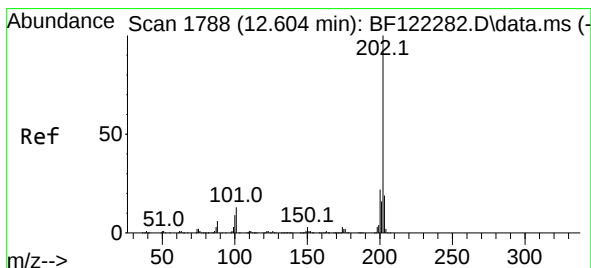
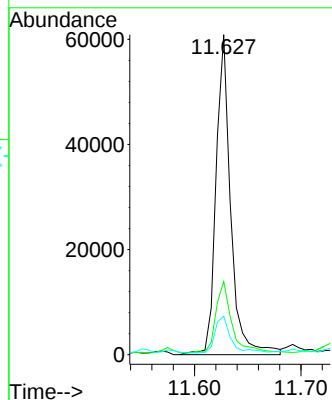
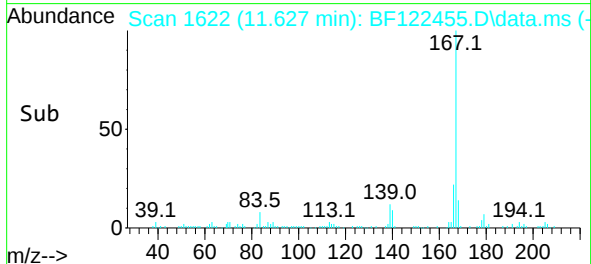
Instrument :
BNA_F
ClientSampled :
SB-03



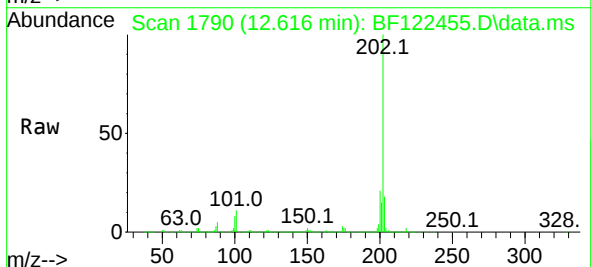
Tgt Ion:167 Resp: 58196
Ion Ratio Lower Upper
167 100
166 22.9 17.8 26.6
139 12.0 10.8 16.2

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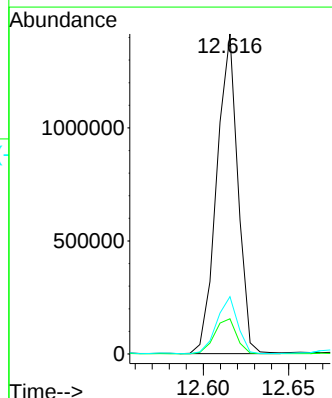
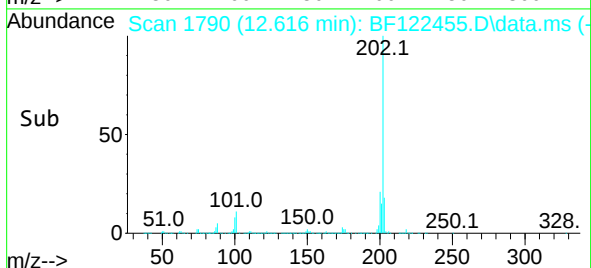
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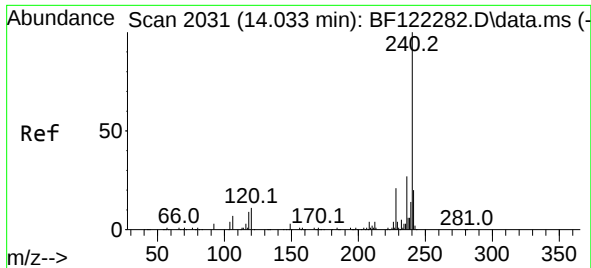


#75
Fluoranthene
Concen: 41.04 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23



Tgt Ion:202 Resp: 1219368
Ion Ratio Lower Upper
202 100
101 11.0 0.0 33.4
203 17.9 0.0 37.9





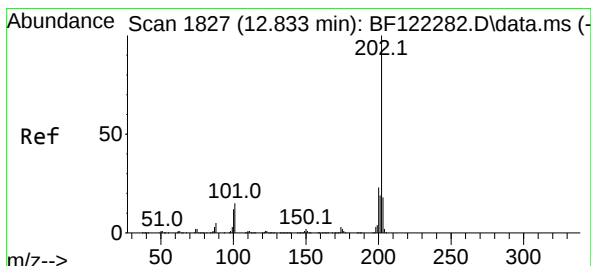
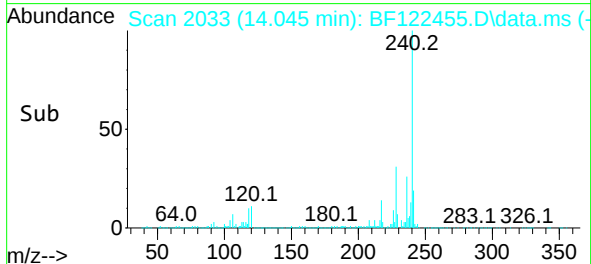
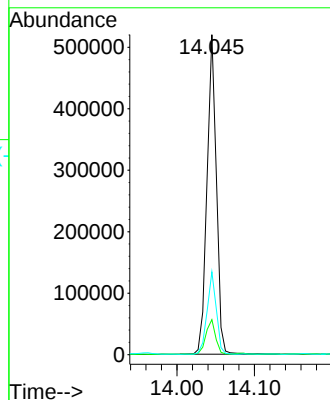
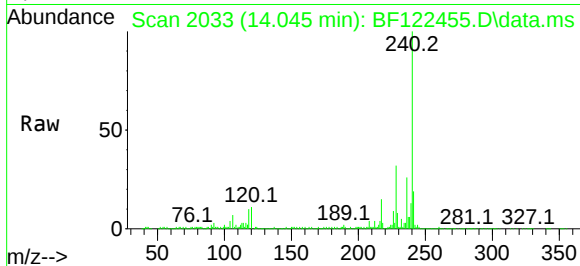
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23

Tgt Ion:240 Resp: 438430
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.9 20.9 31.3

Instrument :
BNA_F
ClientSampled :
SB-03

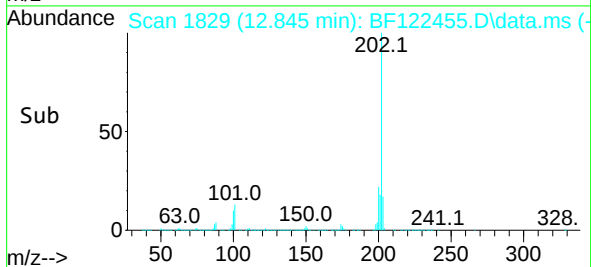
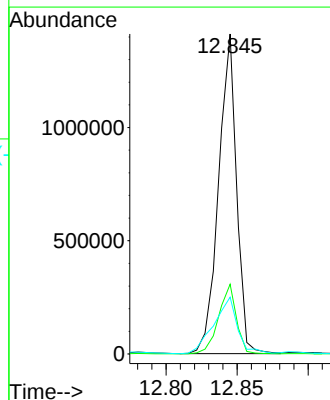
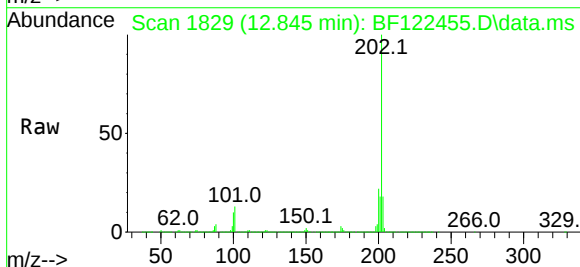
Manual Integrations
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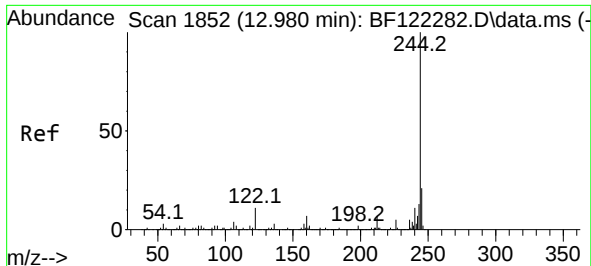
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#78
Pyrene
Concen: 40.35 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23

Tgt Ion:202 Resp: 1242825
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.7 14.6 21.8





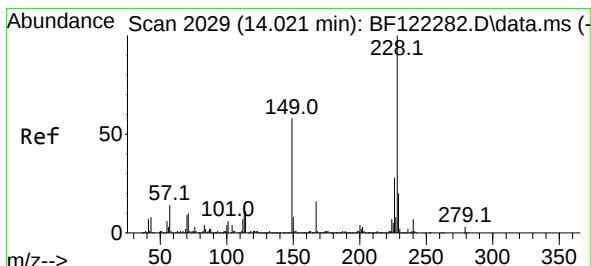
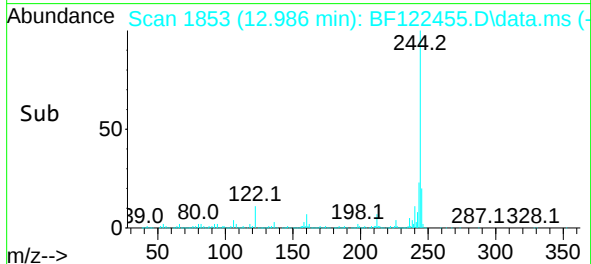
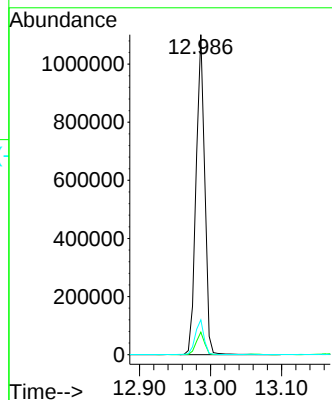
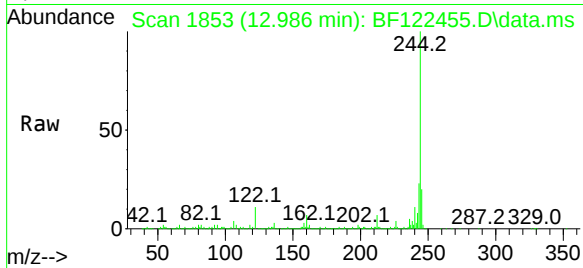
#79
 Terphenyl-d14
 Concen: 45.23 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF122455.D
 Acq: 23 Nov 2020 19:23

Tgt Ion:244 Resp: 936026
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.9 8.1 12.1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03

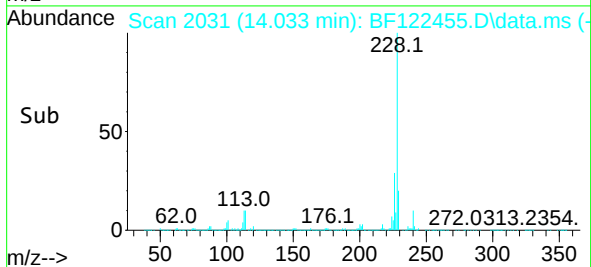
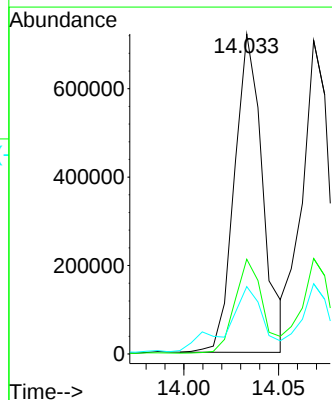
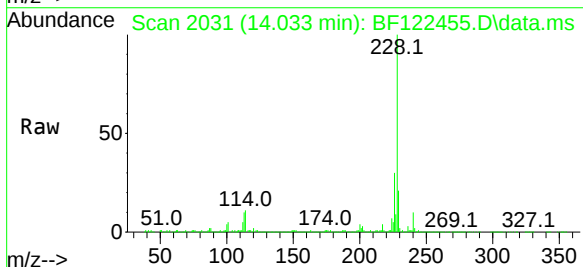
Manual Integrations
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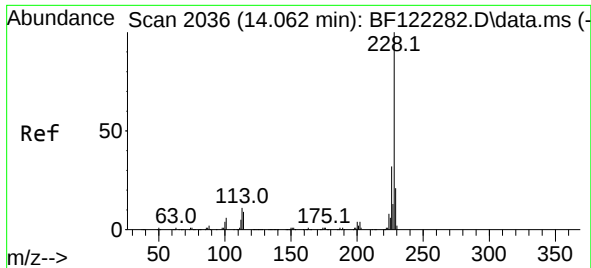
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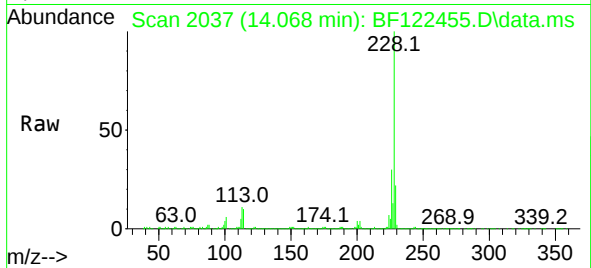
#81
 Benzo(a)anthracene
 Concen: 27.48 ng
 RT: 14.033 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: BF122455.D
 Acq: 23 Nov 2020 19:23

Tgt Ion:228 Resp: 749291
 Ion Ratio Lower Upper
 228 100
 226 29.6 22.3 33.5
 229 21.1 16.2 24.4

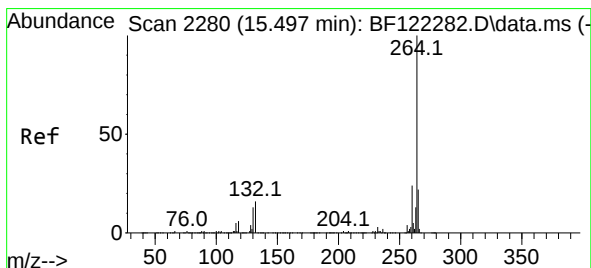
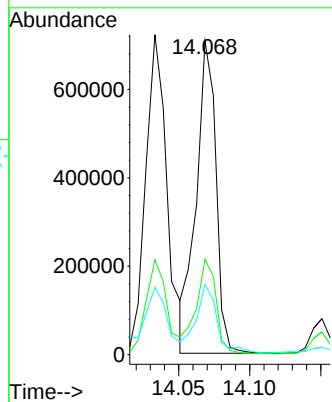
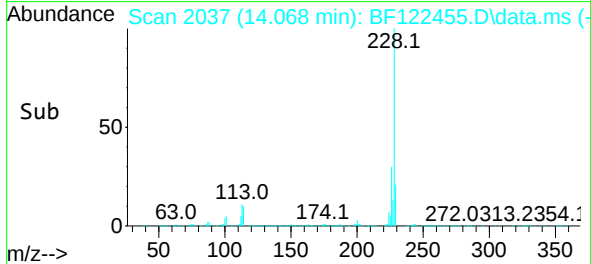




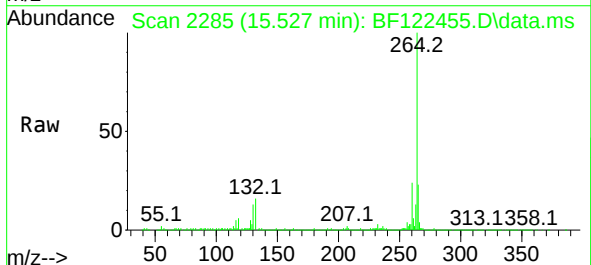
#83
Chrysene
Concen: 24.94 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23



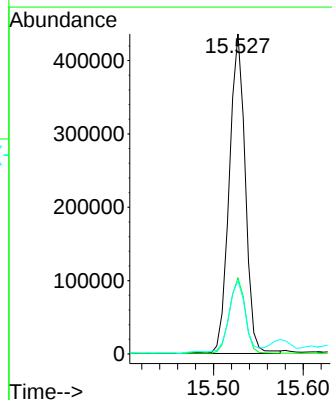
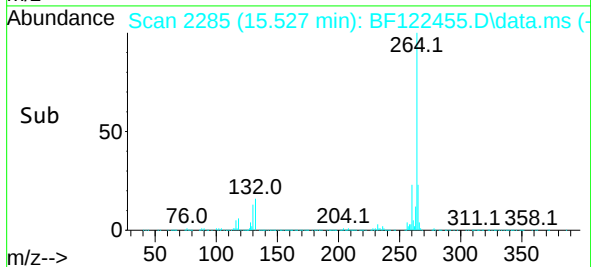
Tgt Ion:228 Resp: 685060
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 22.4 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.527 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23



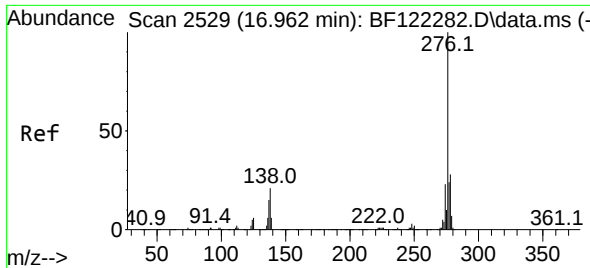
Tgt Ion:264 Resp: 539911
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.9 17.3 25.9



Instrument :
BNA_F
ClientSampleId :
SB-03

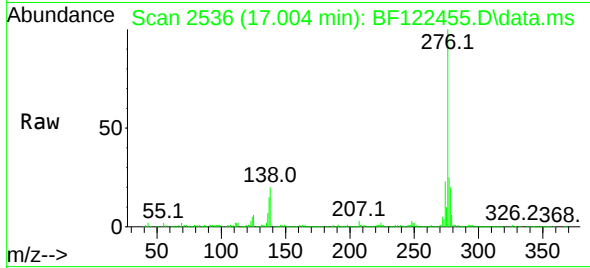
Manual Integrations
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#87
Indeno(1,2,3-cd)pyrene
Concen: 14.79 ng
RT: 17.004 min Scan# 2536
Delta R.T. -0.018 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23

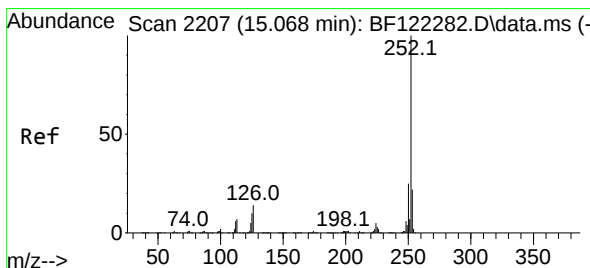
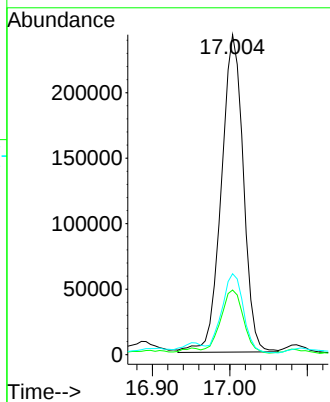
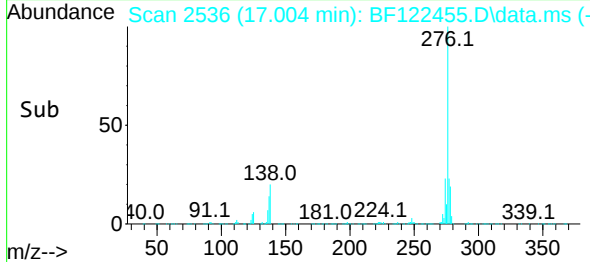
Instrument :
BNA_F
ClientSampled :
SB-03



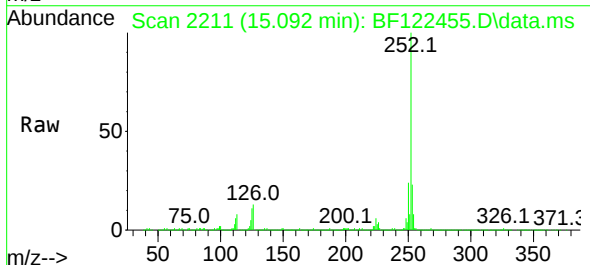
Tgt Ion:276 Resp: 479293
Ion Ratio Lower Upper
276 100
138 20.4 19.9 29.9
277 24.6 20.4 30.6

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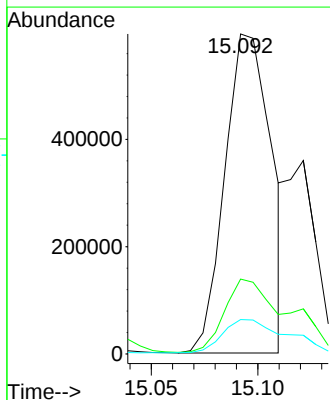
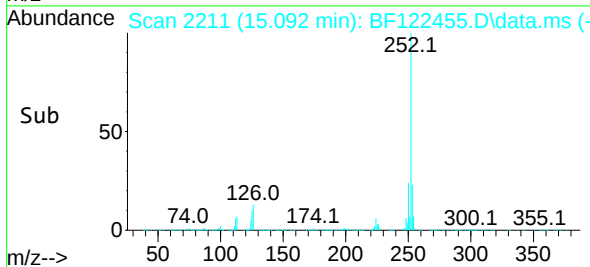
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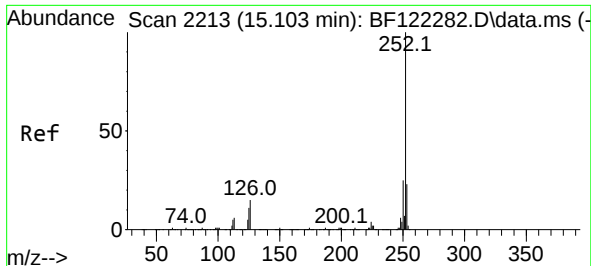


#88
Benzo(b)fluoranthene
Concen: 25.78 ng m
RT: 15.092 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23



Tgt Ion:252 Resp: 901514
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 10.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 9.86 ng m

RT: 15.121 min Scan# 2216

Delta R.T. -0.012 min

Lab File: BF122455.D

Acq: 23 Nov 2020 19:23

Tgt Ion:	252	Resp:	336110
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	9.7	7.7	11.5

Instrument :

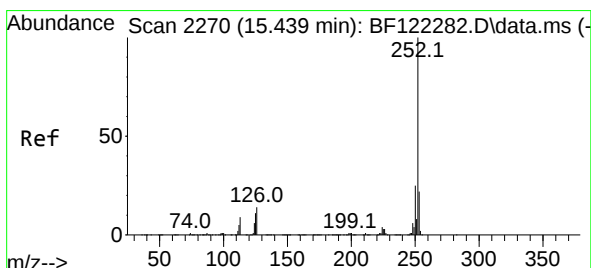
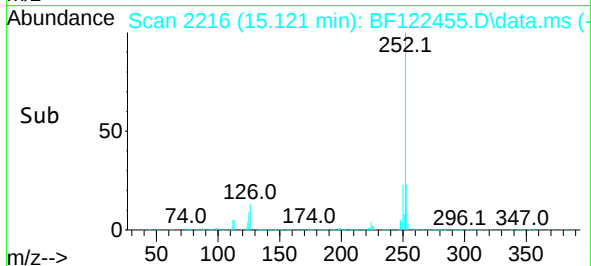
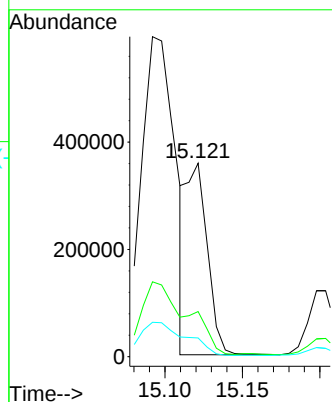
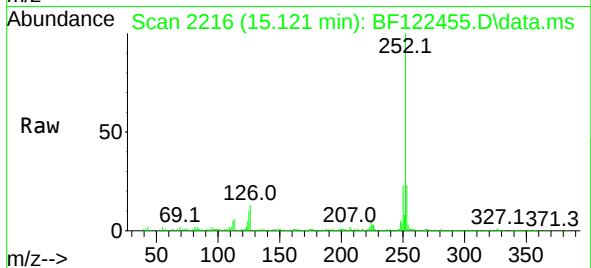
BNA_F

ClientSampled :

SB-03

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#90

Benzo(a)pyrene

Concen: 24.27 ng

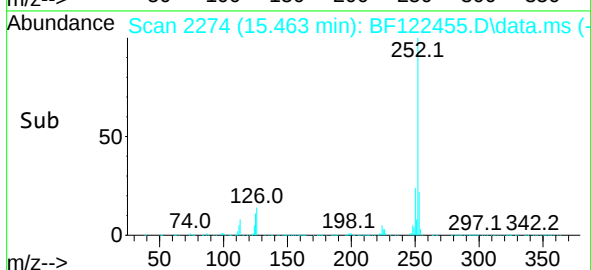
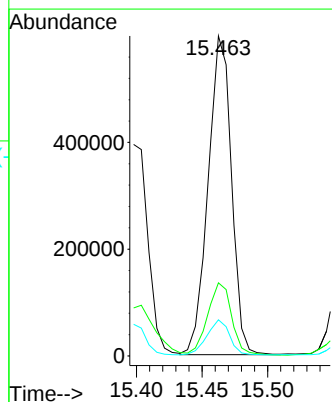
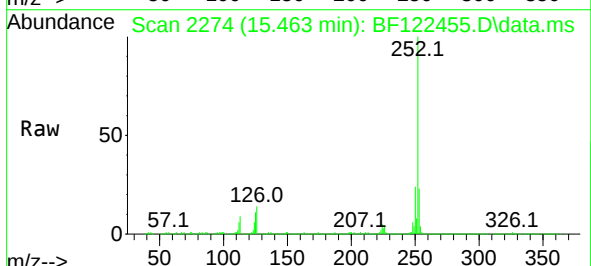
RT: 15.463 min Scan# 2274

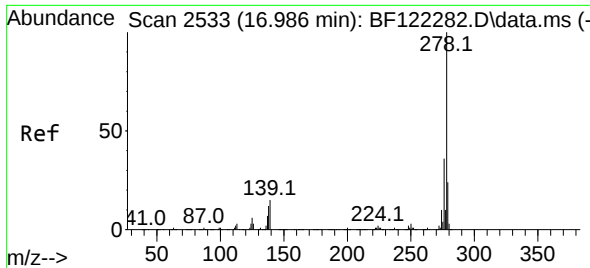
Delta R.T. -0.012 min

Lab File: BF122455.D

Acq: 23 Nov 2020 19:23

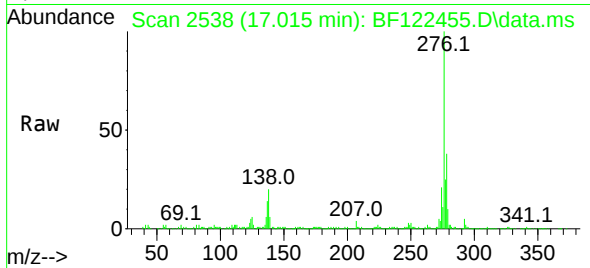
Tgt Ion:	252	Resp:	739854
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.3	25.9
125	11.3	8.6	13.0





#91
Dibenzo(a,h)anthracene
Concen: 4.71 ng
RT: 17.015 min Scan# 2538
Delta R.T. -0.024 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23

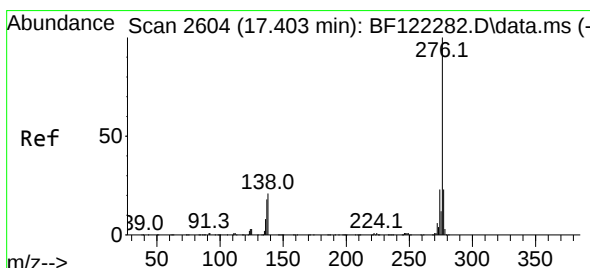
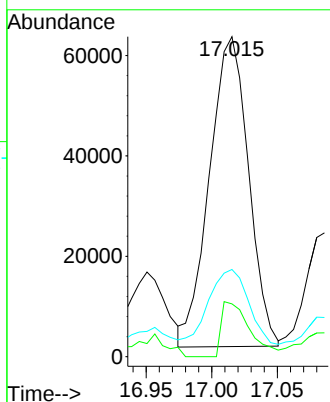
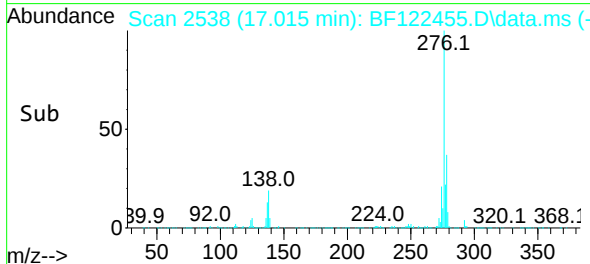
Instrument :
BNA_F
ClientSampled :
SB-03



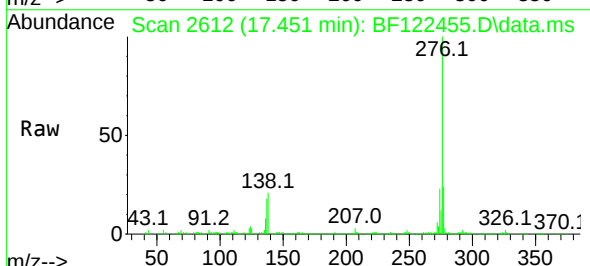
Tgt Ion:278 Resp: 127732
Ion Ratio Lower Upper
278 100
139 16.5 13.0 19.4
279 27.2 19.0 28.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 17.33 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.018 min
Lab File: BF122455.D
Acq: 23 Nov 2020 19:23



Tgt Ion:276 Resp: 457386
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.2
138 21.3 17.8 26.6

