

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122602.D
 Acq On : 8 Dec 2020 22:26
 Operator : JU/CG
 Sample : L4965-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT012

Manual Integrations
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Quant Time: Dec 09 01:13:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	175163	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	695163	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	373833	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	683634	20.00	ng	0.00
76) Chrysene-d12	14.004	240	484867	20.00	ng	0.00
86) Perylene-d12	15.462	264	478924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	972450	87.89	ng	0.00
7) Phenol-d6	6.469	99	1235184	84.18	ng	-0.01
23) Nitrobenzene-d5	7.398	82	771114	55.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	320711	65.54	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1323501	47.89	ng	0.00
79) Terphenyl-d14	12.951	244	1338467	48.32	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.481	94	43692	2.87	ng	88
50) Dimethylphthalate	9.592	163	126765	4.25	ng	99
71) Phenanthrene	11.386	178	642771	15.82	ng	99
72) Anthracene	11.433	178	155791	3.87	ng	98
75) Fluoranthene	12.574	202	1000993	23.49	ng	100
78) Pyrene	12.804	202	943919	25.18	ng	99
81) Benzo(a)anthracene	13.992	228	467006	14.41	ng	96
83) Chrysene	14.027	228	451123m	13.99	ng	
87) Indeno(1,2,3-cd)pyrene	16.909	276	241305	7.68	ng	95
88) Benzo(b)fluoranthene	15.039	252	527865m	15.71	ng	
89) Benzo(k)fluoranthene	15.063	252	162213m	5.28	ng	
90) Benzo(a)pyrene	15.404	252	410271	13.96	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	63604m	2.47	ng	
92) Benzo(g,h,i)perylene	17.351	276	229801	9.23	ng	99

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

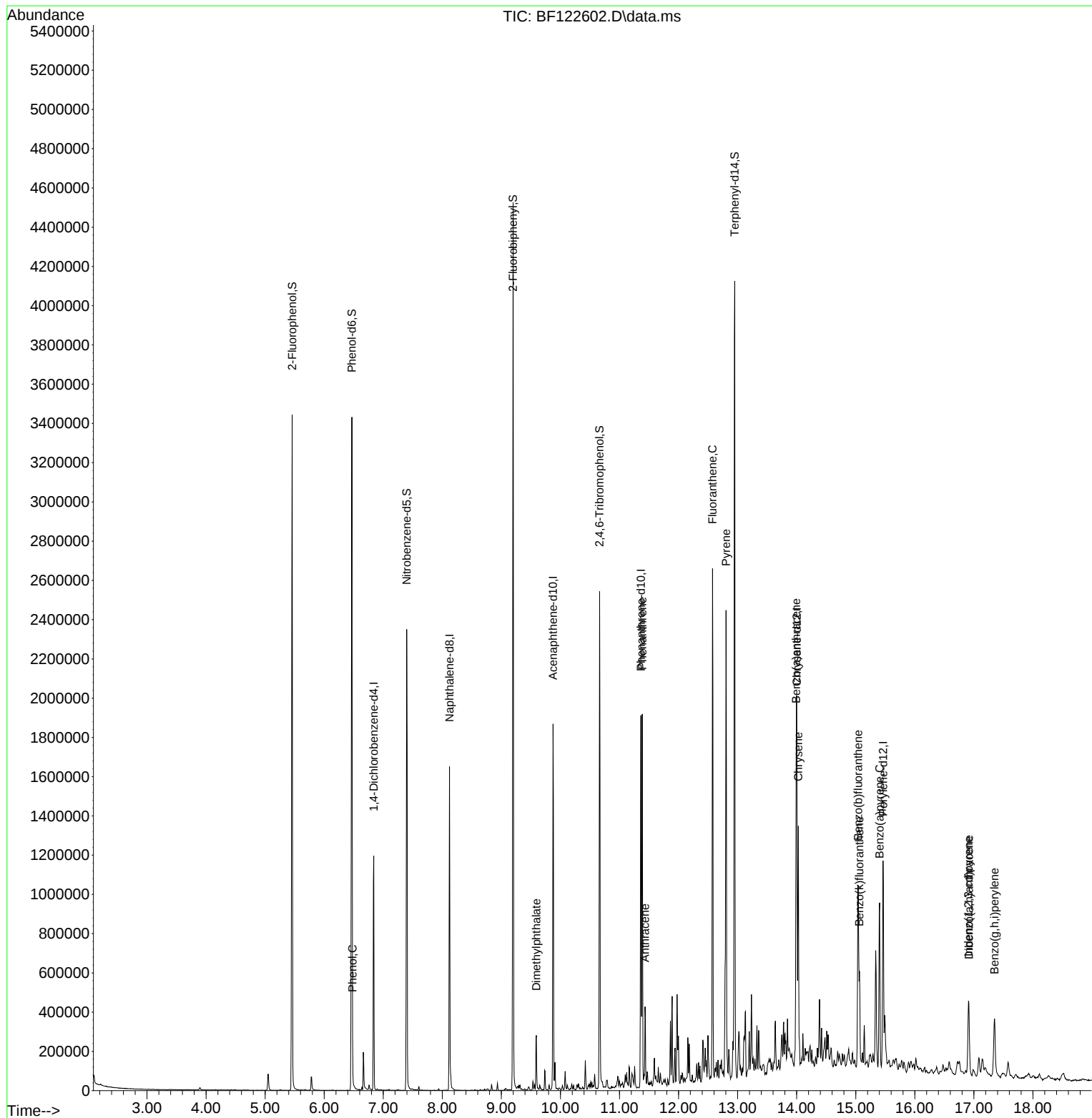
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122602.D
Acq On : 8 Dec 2020 22:26
Operator : JU/CG
Sample : L4965-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

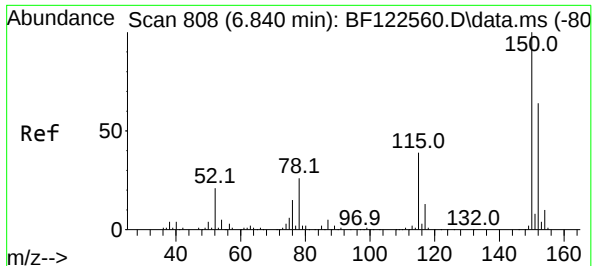
Instrument :
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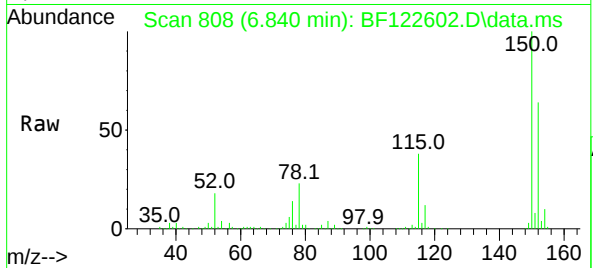
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Quant Time: Dec 09 01:13:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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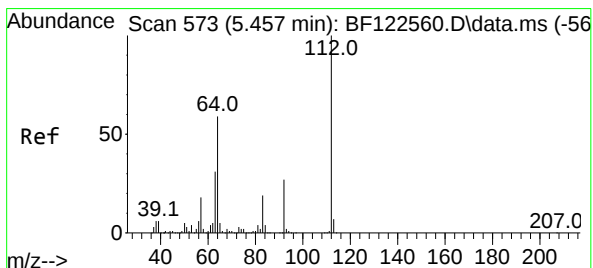
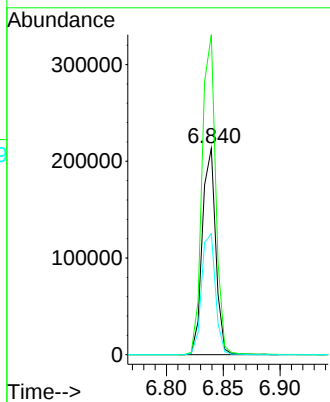
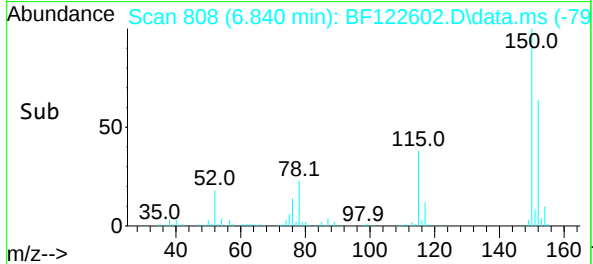




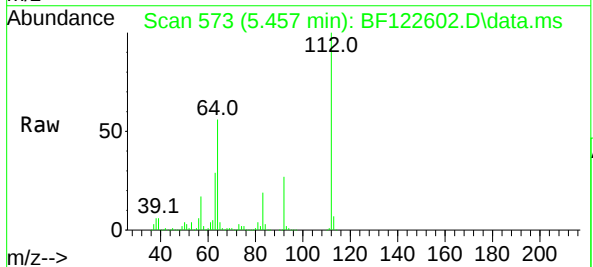
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26



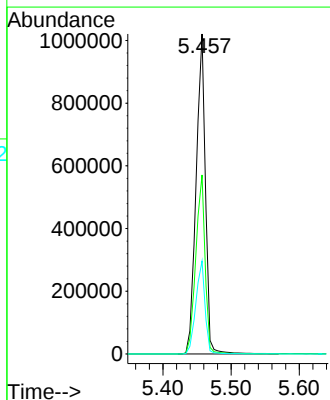
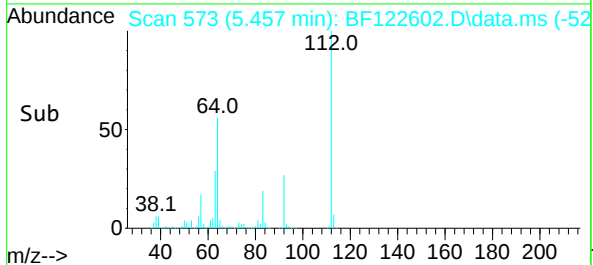
Tgt Ion:152 Resp: 175163
Ion Ratio Lower Upper
152 100
150 155.1 125.8 188.6
115 58.6 49.3 73.9



#5
2-Fluorophenol
Concen: 87.89 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26



Tgt Ion:112 Resp: 972450
Ion Ratio Lower Upper
112 100
64 55.9 46.9 70.3
63 29.0 24.5 36.7



Instrument :
BNA_F
ClientSampleId :
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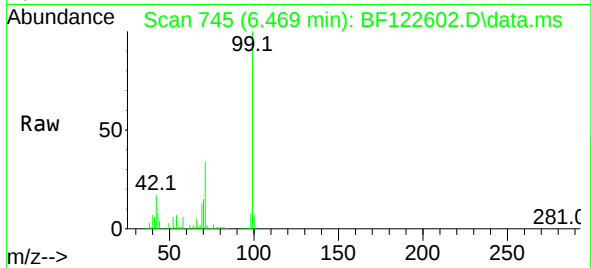
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#7
Phenol-d6
Concen: 84.18 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Instrument :
BNA_F
ClientSampleId :
CRT012

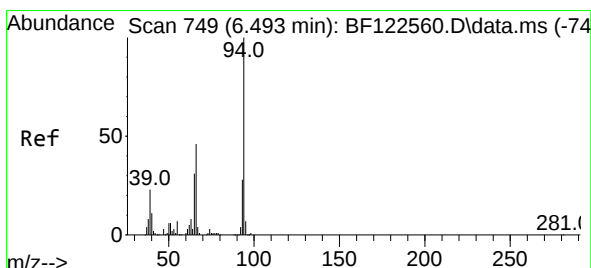
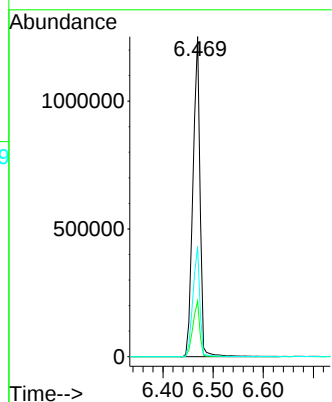
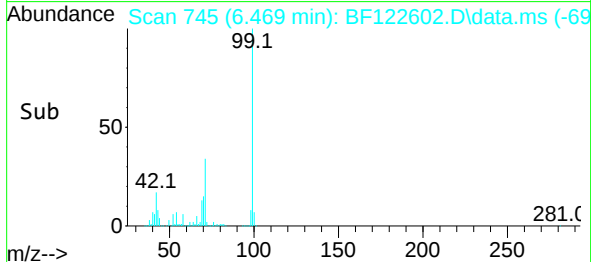


Tgt Ion: 99 Resp: 1235184

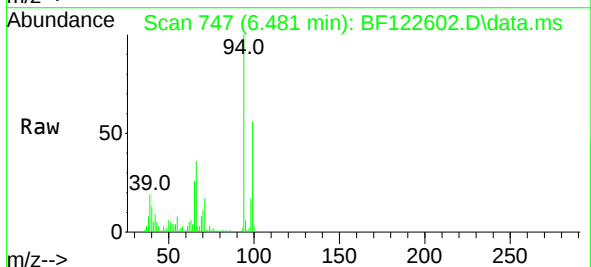
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	34.4	26.9	40.3

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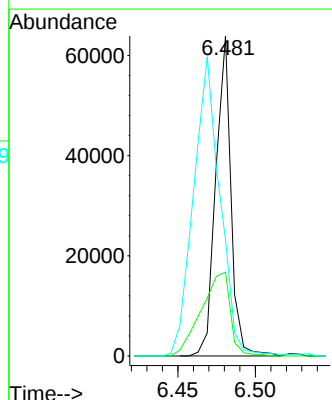
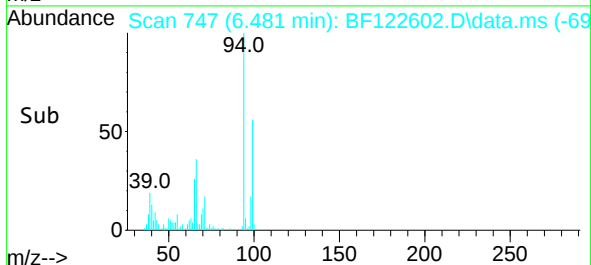


#10
Phenol
Concen: 2.87 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26



Tgt Ion: 94 Resp: 43692

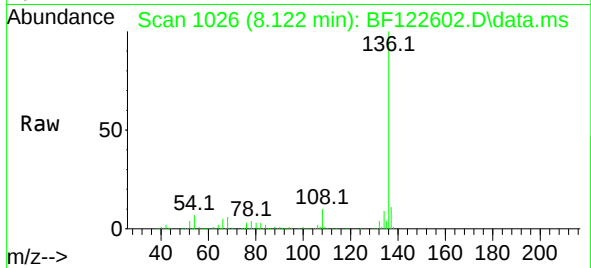
Ion	Ratio	Lower	Upper
94	100		
65	26.2	11.2	51.2
66	36.5	25.8	65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

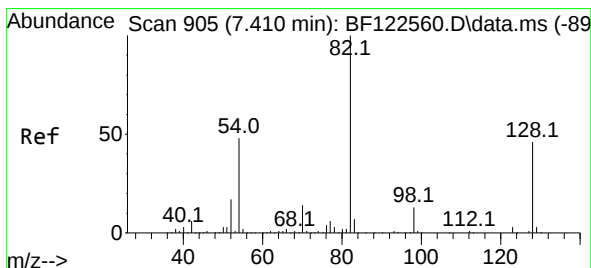
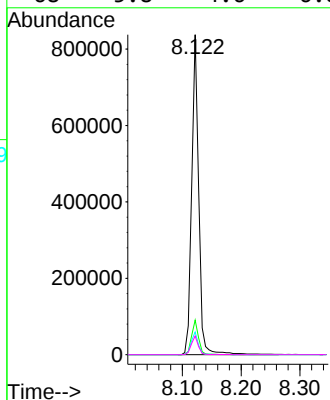
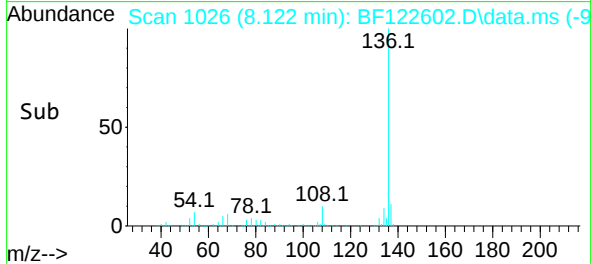
Instrument :
BNA_F
ClientSampleId :
CRT012



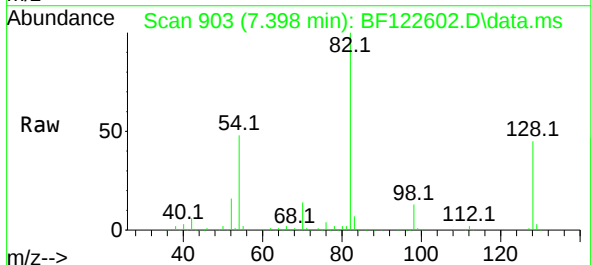
Tgt Ion:136 Resp: 695163
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.1 5.5 8.3
68 5.8 4.6 6.8

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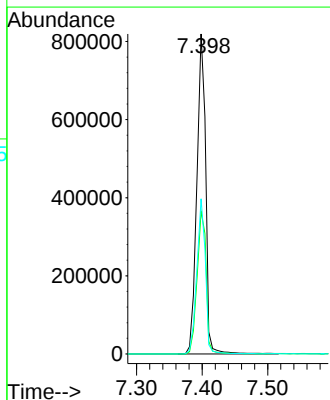
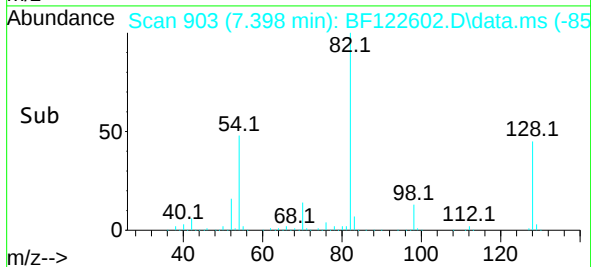
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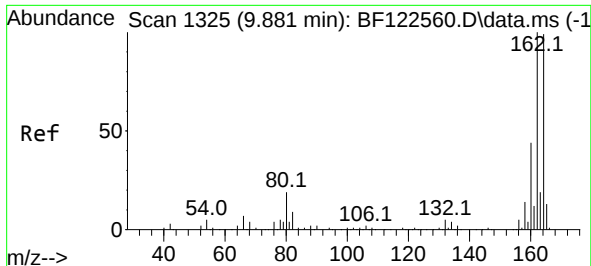


#23
Nitrobenzene-d5
Concen: 55.58 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26



Tgt Ion: 82 Resp: 771114
Ion Ratio Lower Upper
82 100
128 44.6 37.0 55.4
54 48.5 38.4 57.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF122602.D

Acq: 8 Dec 2020 22:26

Tgt Ion:164 Resp: 373833

Ion Ratio Lower Upper

164 100

162 102.1 80.8 121.2

160 44.6 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

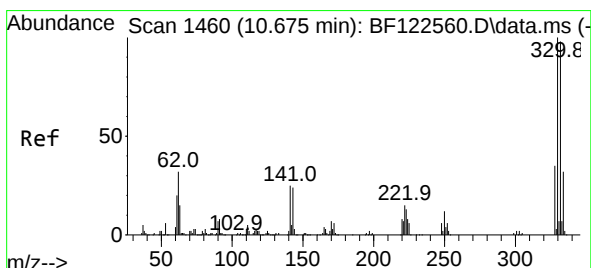
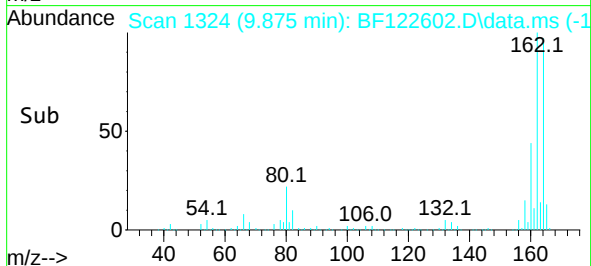
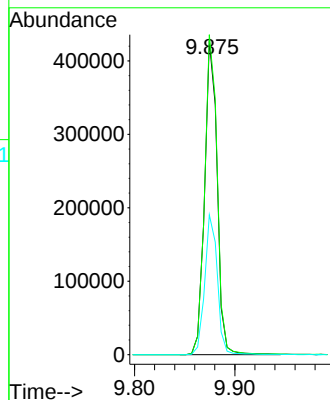
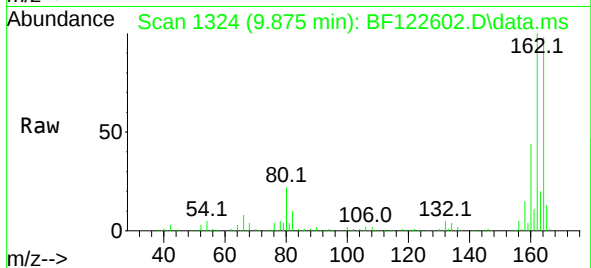
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#42

2,4,6-Tribromophenol

Concen: 65.54 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF122602.D

Acq: 8 Dec 2020 22:26

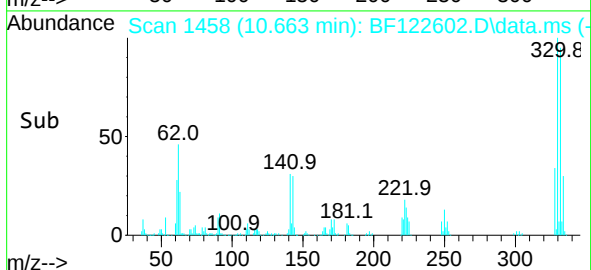
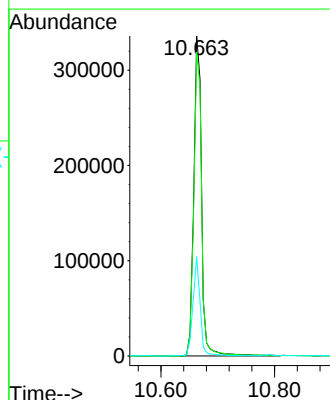
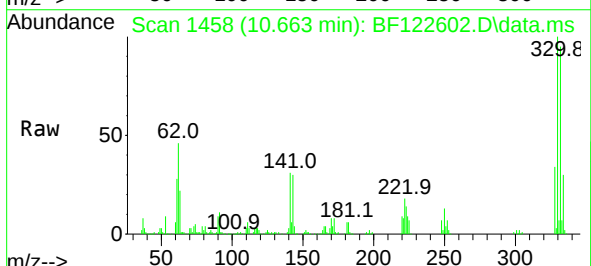
Tgt Ion:330 Resp: 320711

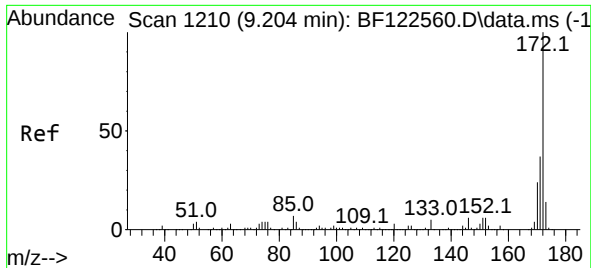
Ion Ratio Lower Upper

330 100

332 95.5 77.5 116.3

141 29.1 23.8 35.8





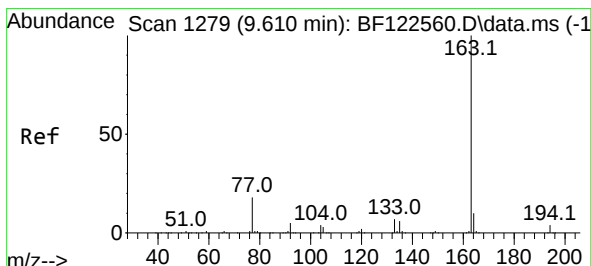
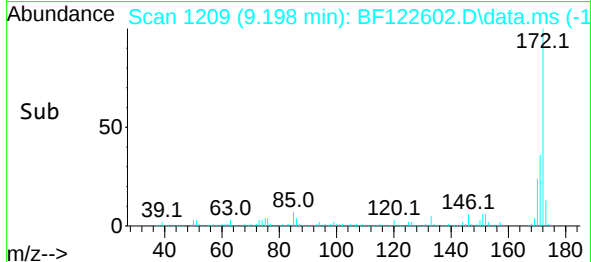
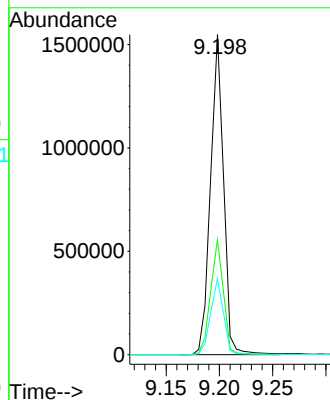
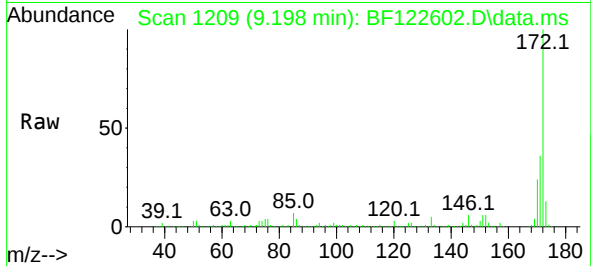
#45
2-Fluorobiphenyl
Concen: 47.89 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Instrument :
BNA_F
ClientSampleId :
CRT012

Tgt Ion:172 Resp: 1323501
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.8 19.5 29.3

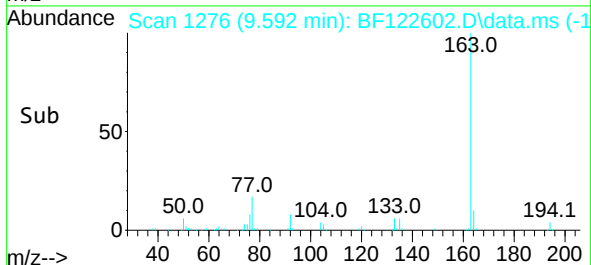
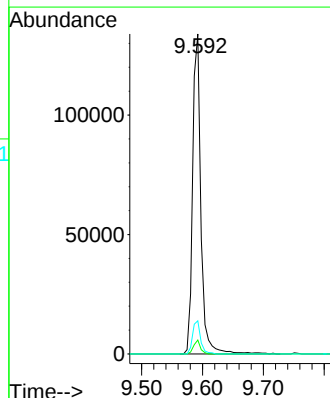
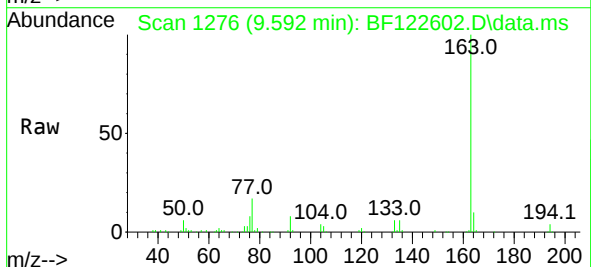
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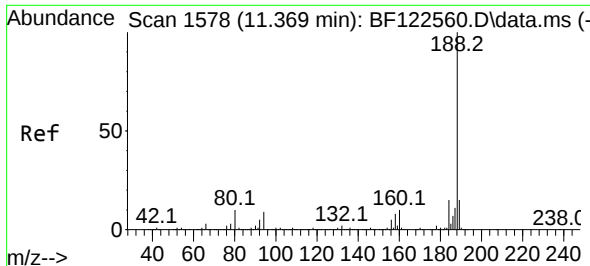
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#50
Dimethylphthalate
Concen: 4.25 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

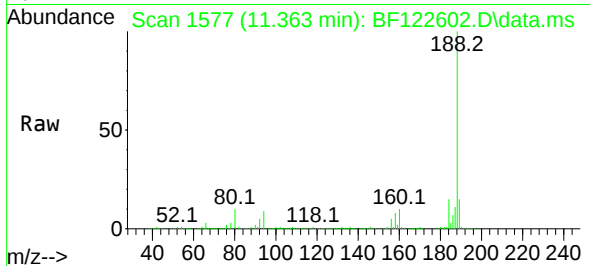
Tgt Ion:163 Resp: 126765
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.3 8.1 12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

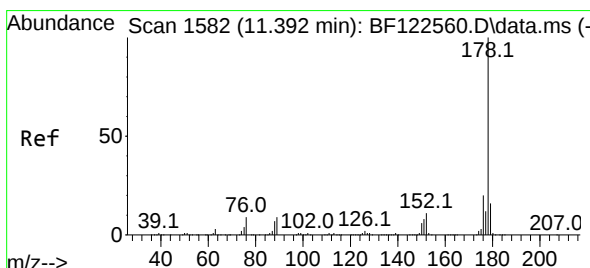
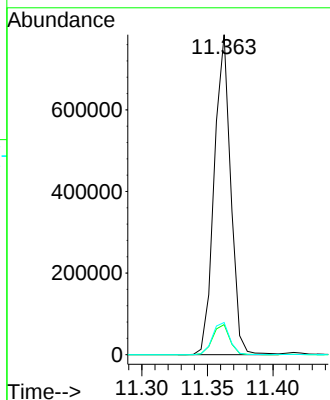
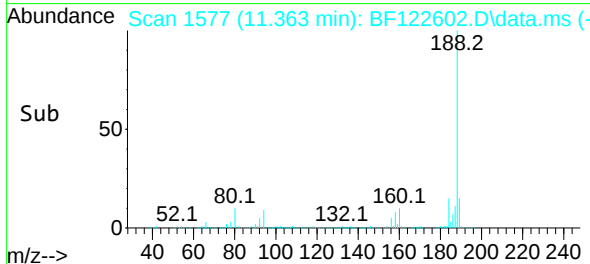
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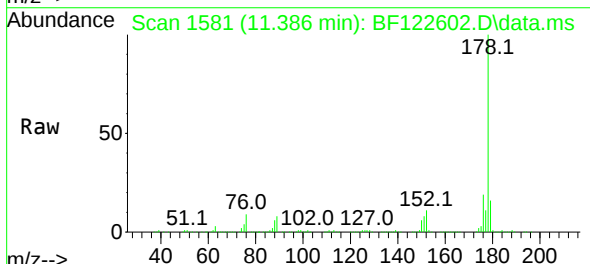
Tgt Ion:188 Resp: 683634
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.1 8.2 12.4

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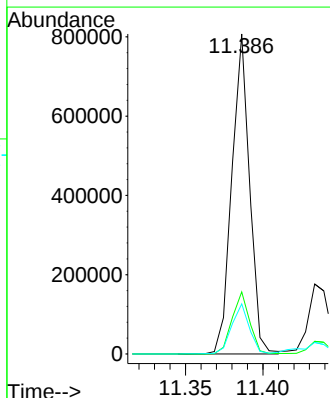
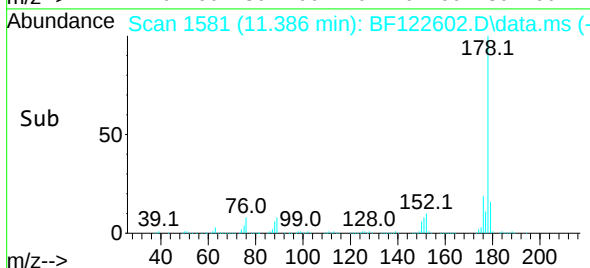
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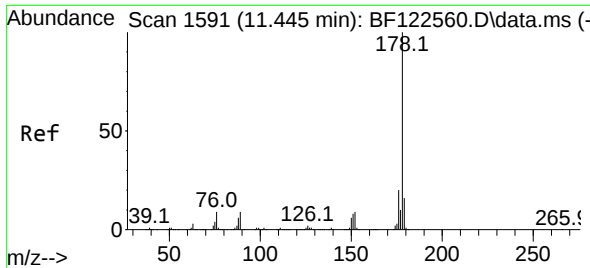


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Phenanthrene
Concen: 15.82 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

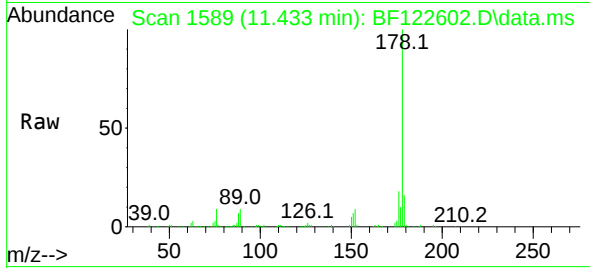


Tgt Ion:178 Resp: 642771
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.2
179 15.6 12.7 19.1

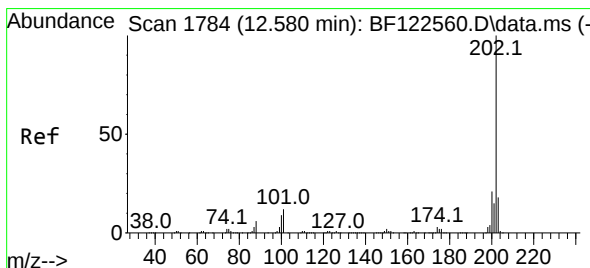
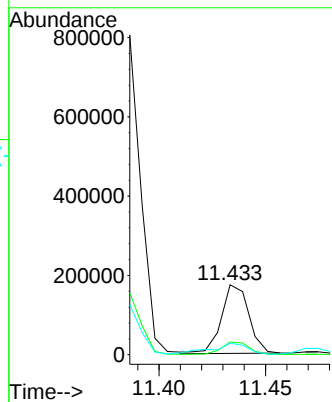
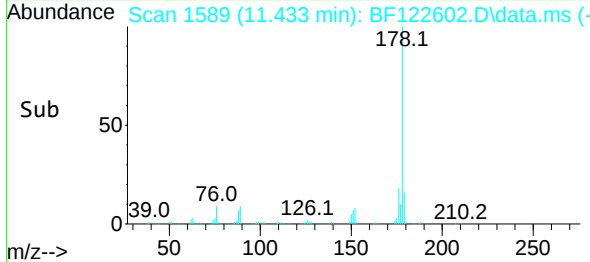




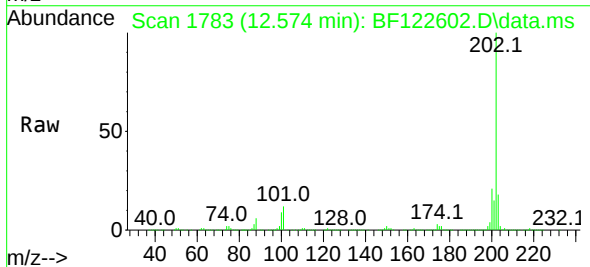
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 Anthracene
 Concen: 3.87 ng
 RT: 11.433 min Scan# 1589
 Delta R.T. -0.012 min
 Lab File: BF122602.D
 Acq: 8 Dec 2020 22:26



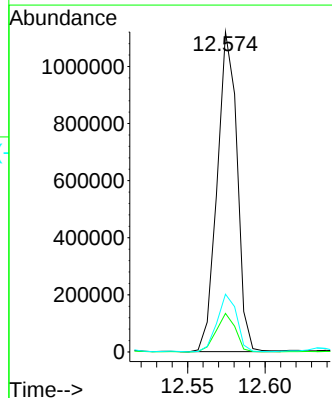
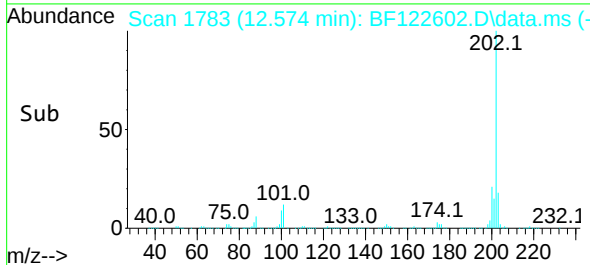
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 Ion Ratio Lower Upper
 178 100
 176 18.0 15.6 23.4
 179 16.4 12.8 19.2



#75
 Fluoranthene
 Concen: 23.49 ng
 RT: 12.574 min Scan# 1783
 Delta R.T. -0.006 min
 Lab File: BF122602.D
 Acq: 8 Dec 2020 22:26



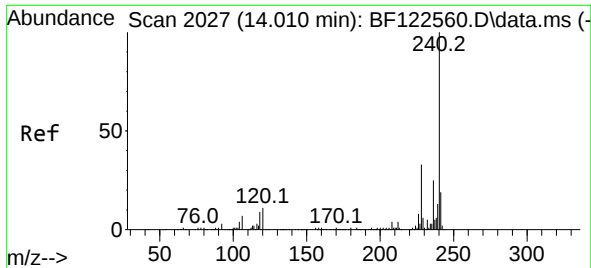
Tgt Ion:202 Resp: 1000993
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 32.2
 203 18.1 0.0 38.1



Instrument :
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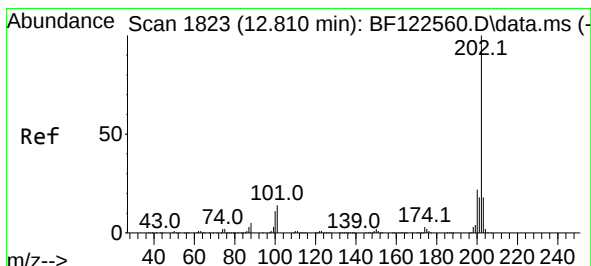
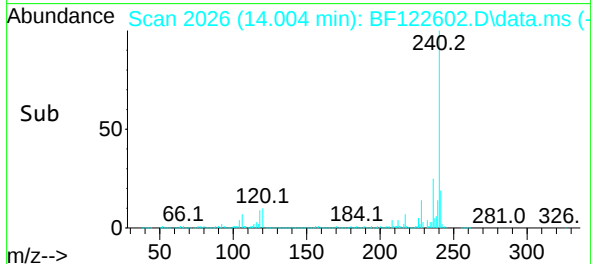
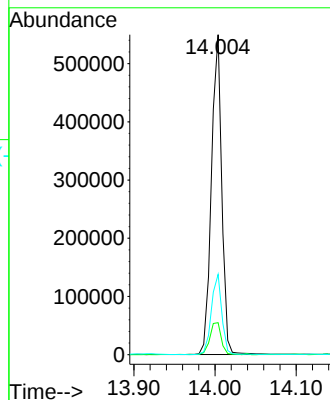
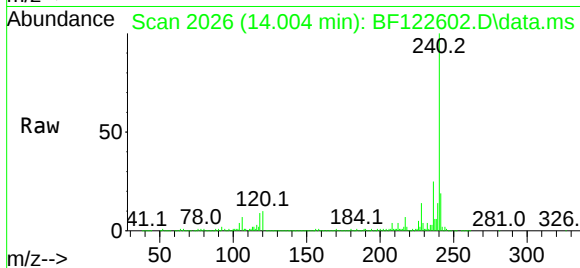
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:240 Resp: 484867
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.1 20.3 30.5

Instrument :
BNA_F
ClientSampleId :
CRT012

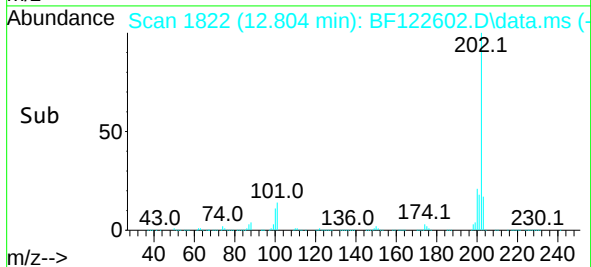
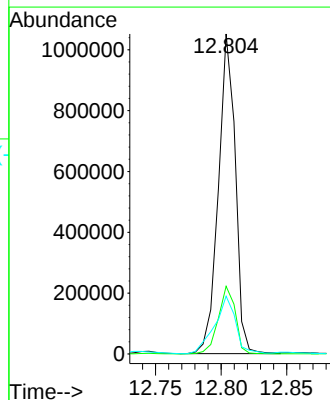
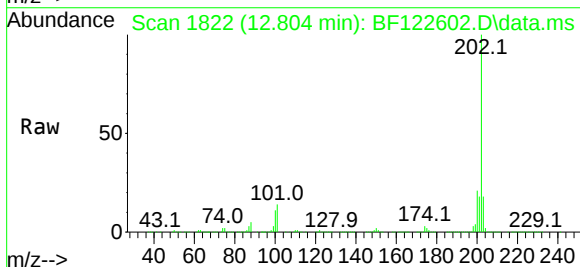
Manual Integrations
APPROVED

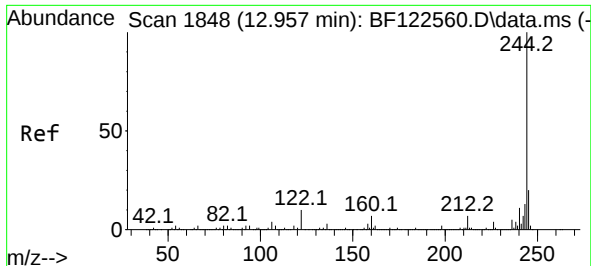
mohammad
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#78
Pyrene
Concen: 25.18 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

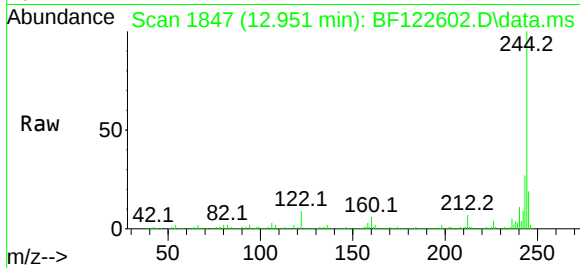
Tgt Ion:202 Resp: 943919
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 18.0 14.6 21.8





#79
Terphenyl-d14
Concen: 48.32 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

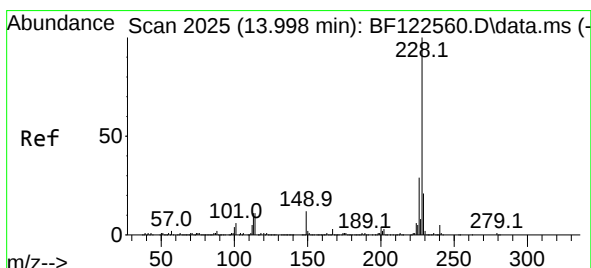
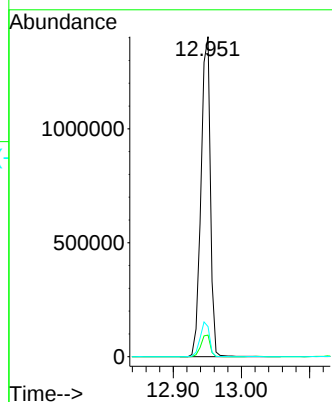
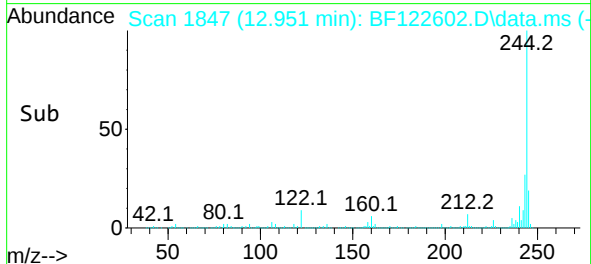
Instrument :
BNA_F
ClientSampleId :
CRT012



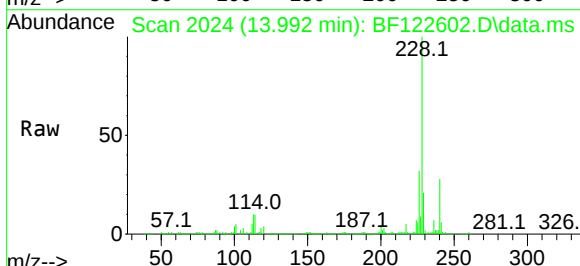
Tgt Ion:244 Resp: 1338467
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.4 8.3 12.5

Manual Integrations
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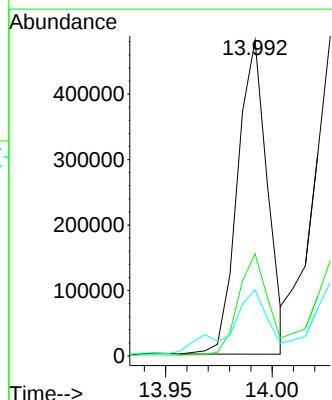
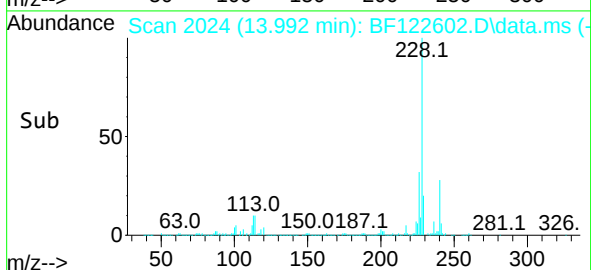
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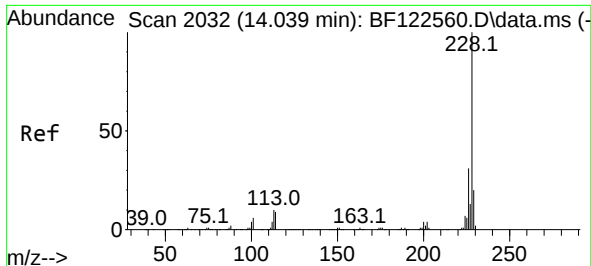


#81
Benzo(a)anthracene
Concen: 14.41 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26



Tgt Ion:228 Resp: 467006
Ion Ratio Lower Upper
228 100
226 32.3 23.0 34.4
229 20.9 16.6 24.8





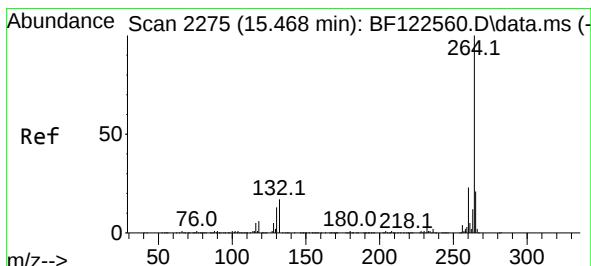
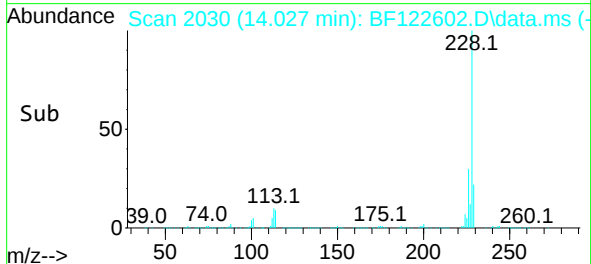
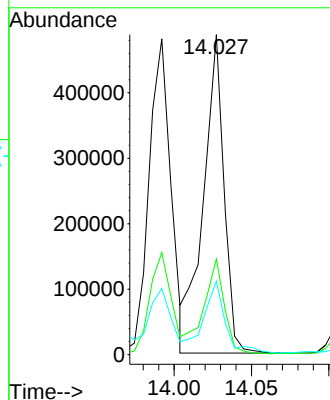
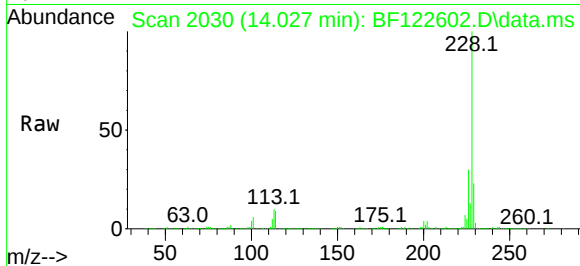
#83
Chrysene
Concen: 13.99 ng m
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:228 Resp: 451123
Ion Ratio Lower Upper
228 100
226 29.9 24.6 36.8
229 23.0 15.8 23.6

Instrument :
BNA_F
ClientSampleId :
CRT012

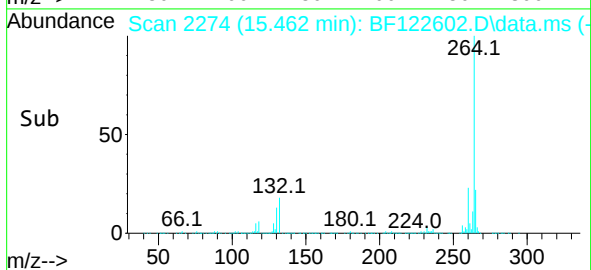
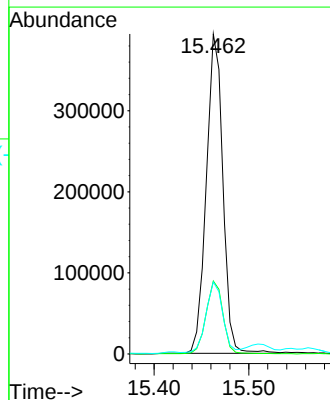
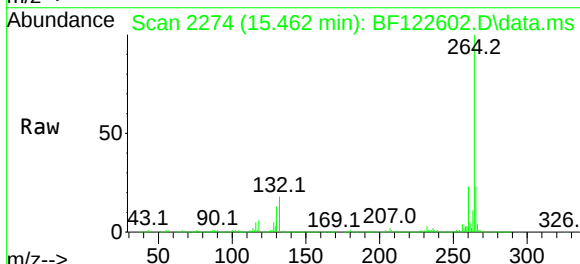
Manual Integrations
APPROVED

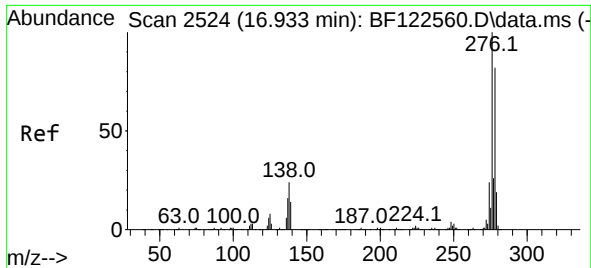
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

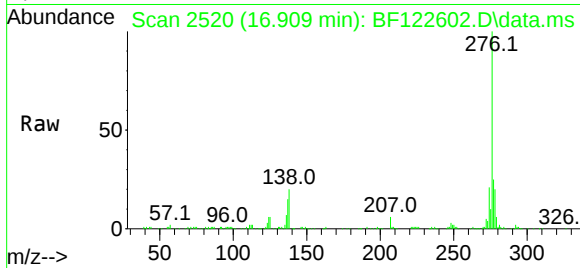
Tgt Ion:264 Resp: 478924
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 22.5 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.68 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.024 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

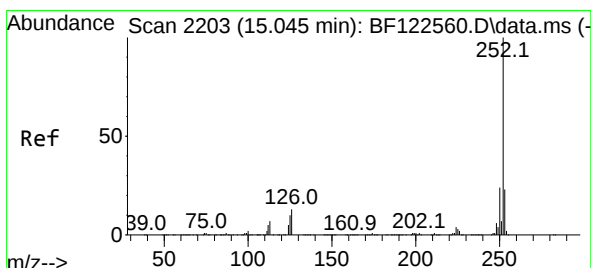
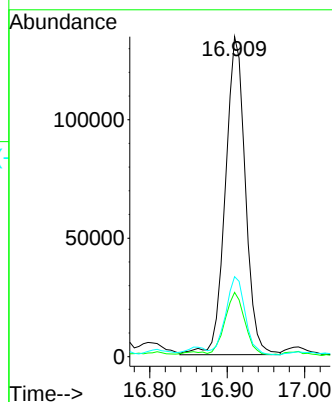
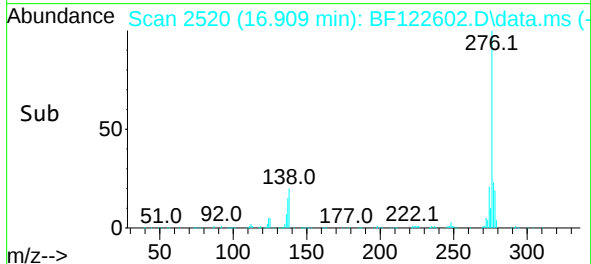
Instrument :
BNA_F
ClientSampled :
CRT012



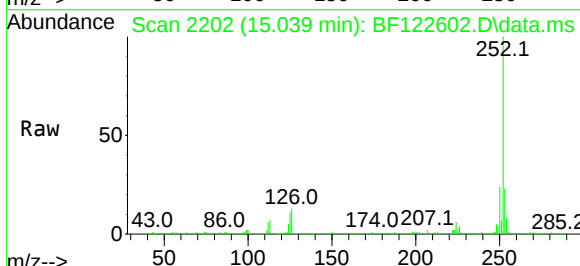
Tgt Ion: 276 Resp: 241305
Ion Ratio Lower Upper
276 100
138 19.8 18.7 28.1
277 23.9 20.2 30.4

Manual Integrations
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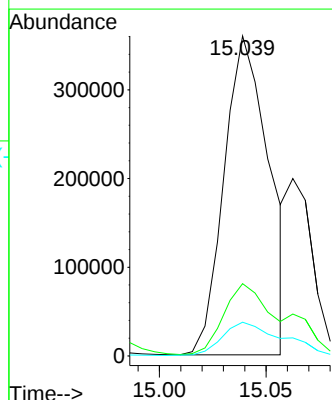
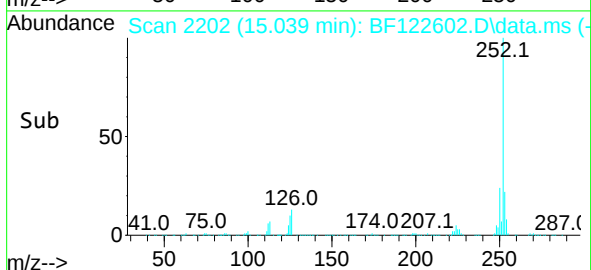
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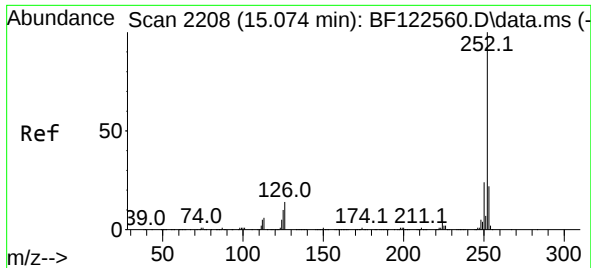


#88
Benzo(b)fluoranthene
Concen: 15.71 ng m
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26



Tgt Ion: 252 Resp: 527865
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 10.5 8.1 12.1





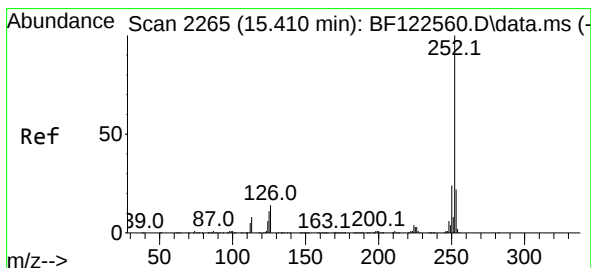
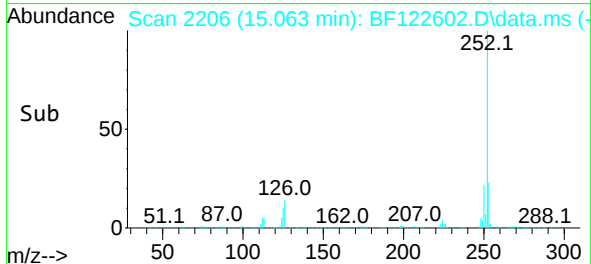
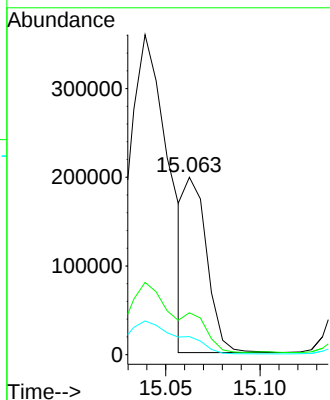
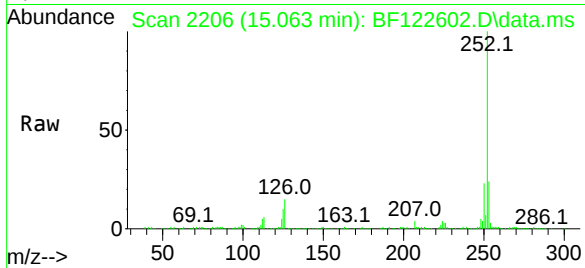
#89
Benzo(k)fluoranthene
Concen: 5.28 ng m
RT: 15.063 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:252 Resp: 162213
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 10.2 8.4 12.6

Instrument :
BNA_F
ClientSampleId :
CRT012

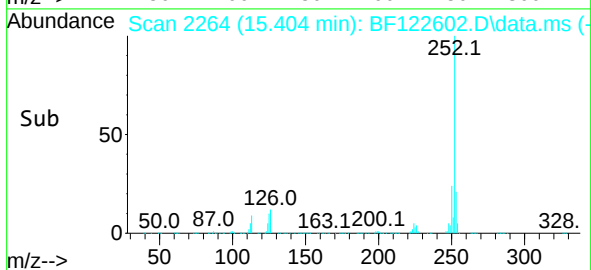
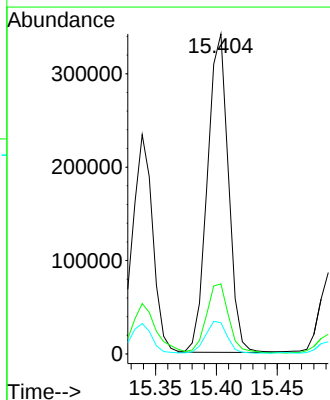
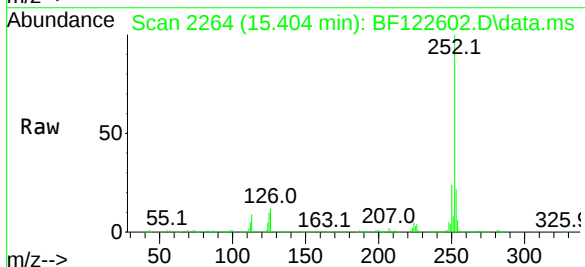
Manual Integrations
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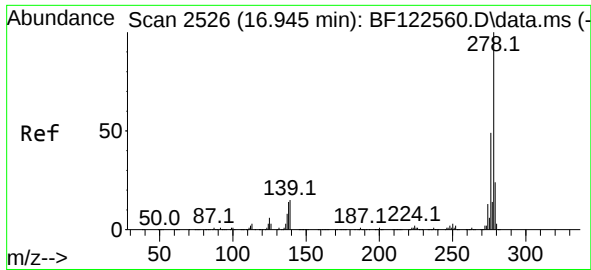
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#90
Benzo(a)pyrene
Concen: 13.96 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

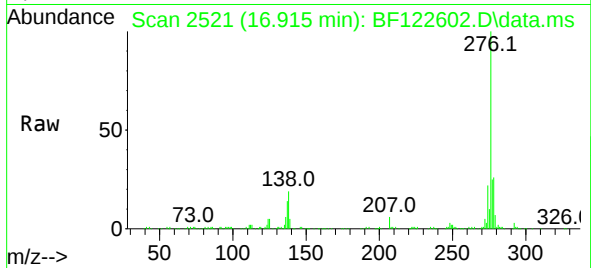
Tgt Ion:252 Resp: 410271
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.7 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 2.47 ng m
RT: 16.915 min Scan# 2521
Delta R.T. -0.029 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

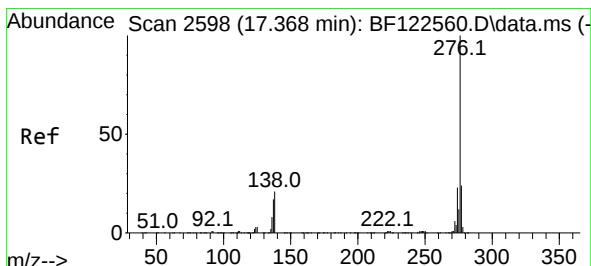
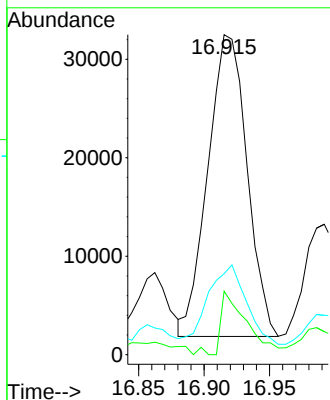
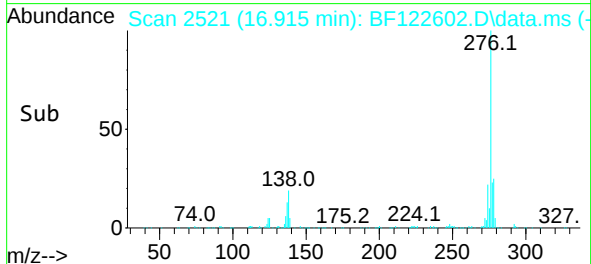
Instrument :
BNA_F
ClientSampleId :
CRT012



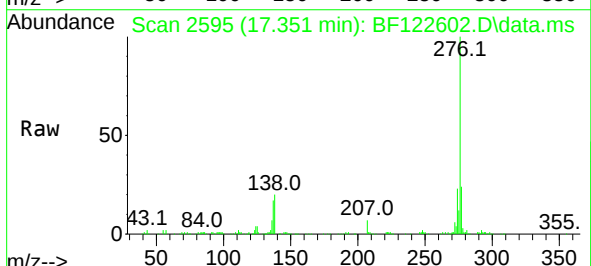
Tgt Ion:278 Resp: 63604
Ion Ratio Lower Upper
278 100
139 19.9 12.0 18.0#
279 25.3 19.4 29.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 9.23 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.018 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26



Tgt Ion:276 Resp: 229801
Ion Ratio Lower Upper
276 100
277 23.8 19.3 28.9
138 20.3 16.6 24.8

