

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111220\
 Data File : BF122323.D
 Acq On : 12 Nov 2020 19:11
 Operator : JU/CG
 Sample : L4719-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3A-S

Manual Integrations
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mohammad
 11/20/2020 11:28:14 AM

Quant Time: Nov 13 01:35:30 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 10 12:25:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	261282	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	1005620	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	528439	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	982991	20.00	ng	0.00
76) Chrysene-d12	14.027	240	753495	20.00	ng	0.00
86) Perylene-d12	15.498	264	735715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1533711	90.13	ng	0.00
7) Phenol-d6	6.481	99	1983343	89.10	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1197378	72.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	553851	97.65	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1953173	57.75	ng	0.00
79) Terphenyl-d14	12.974	244	2134357	60.01	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.763	152	153498	2.99	ng	98
50) Dimethylphthalate	9.616	163	461532	12.29	ng	99
75) Fluoranthene	12.598	202	487327	8.37	ng	98
78) Pyrene	12.827	202	539988	10.20	ng	99
81) Benzo(a)anthracene	14.015	228	440196m	9.39	ng	
83) Chrysene	14.051	228	420560m	8.91	ng	
87) Indeno(1,2,3-cd)pyrene	16.945	276	330398m	7.48	ng	
88) Benzo(b)fluoranthene	15.068	252	683791m	14.35	ng	
89) Benzo(k)fluoranthene	15.092	252	175037m	3.77	ng	
90) Benzo(a)pyrene	15.427	252	470453	11.33	ng	98
91) Dibenzo(a,h)anthracene	16.956	278	77467m	2.10	ng	
92) Benzo(g,h,i)perylene	17.386	276	323071	8.98	ng	98

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

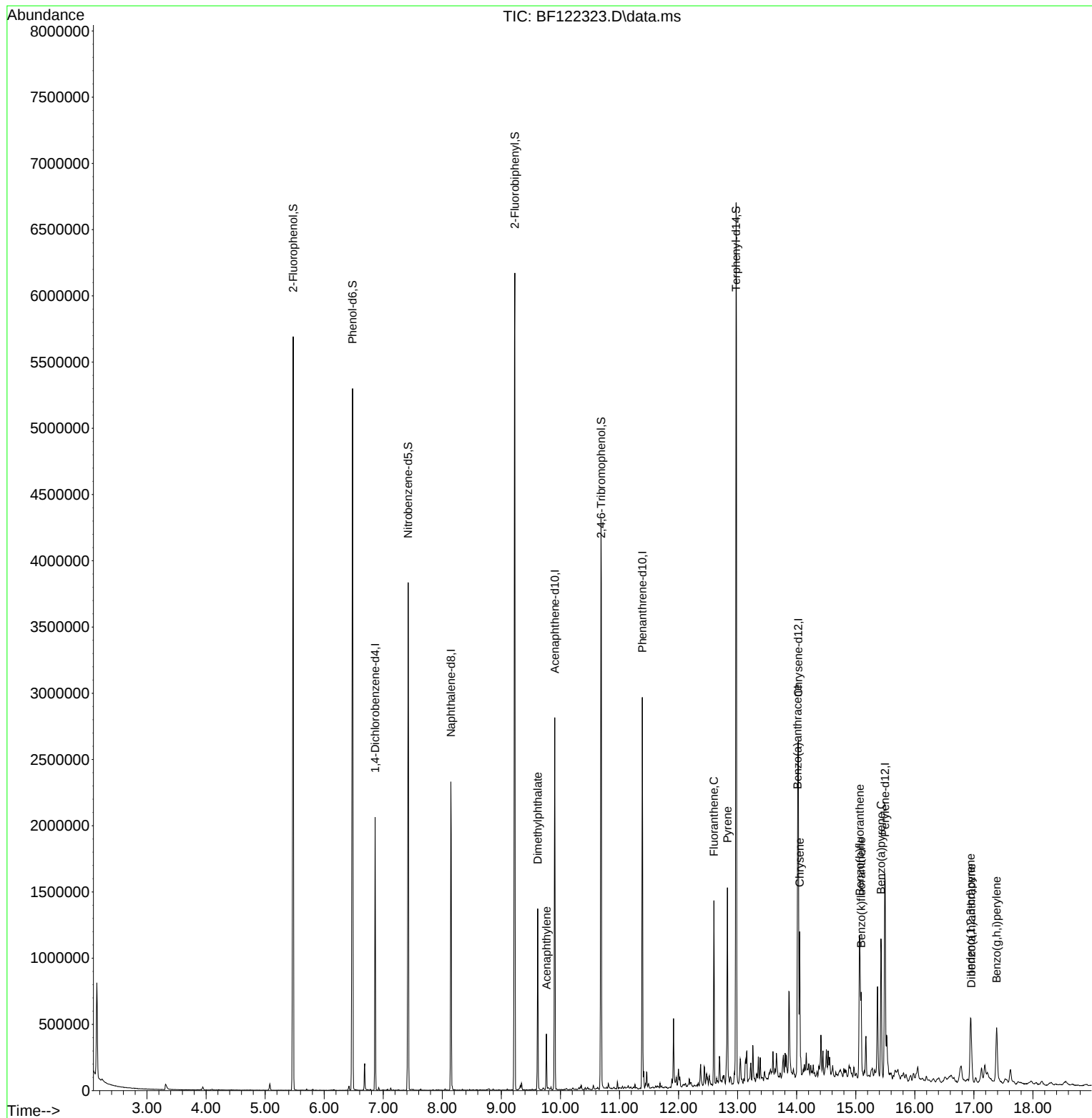
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Data File : BF122323.D
Acq On : 12 Nov 2020 19:11
Operator : JU/CG
Sample : L4719-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

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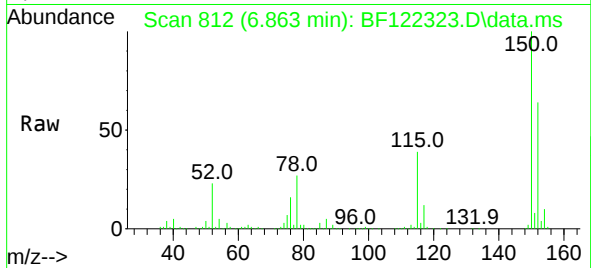
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Quant Time: Nov 13 01:35:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

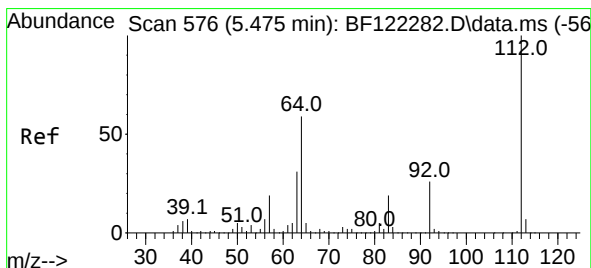
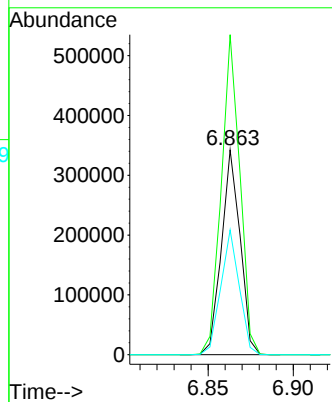
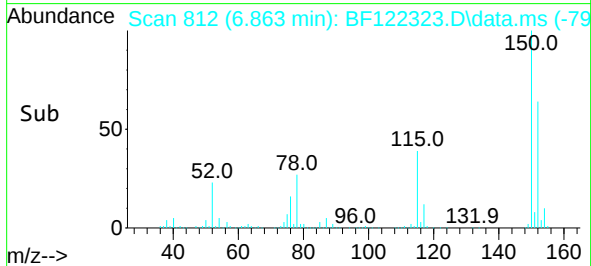




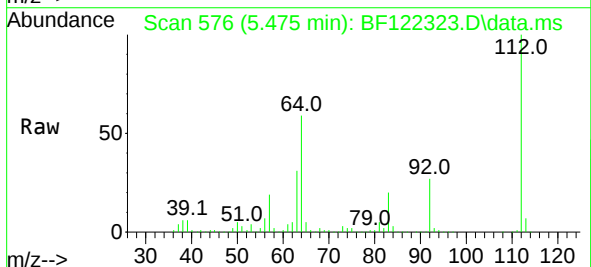
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11



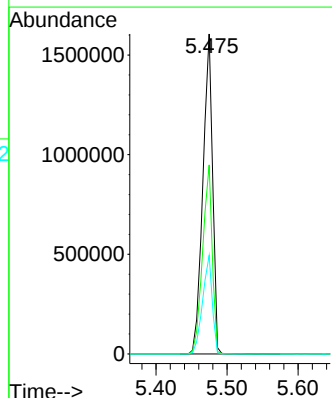
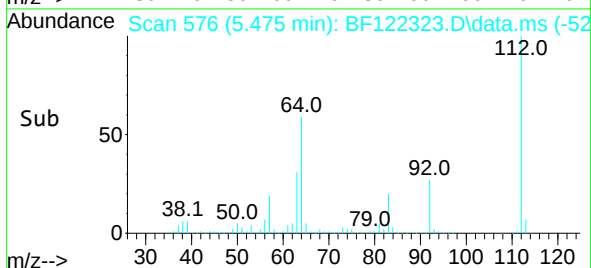
Tgt Ion:152 Resp: 261282
Ion Ratio Lower Upper
152 100
150 156.2 125.3 187.9
115 60.9 51.9 77.9



#5
2-Fluorophenol
Concen: 90.13 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11



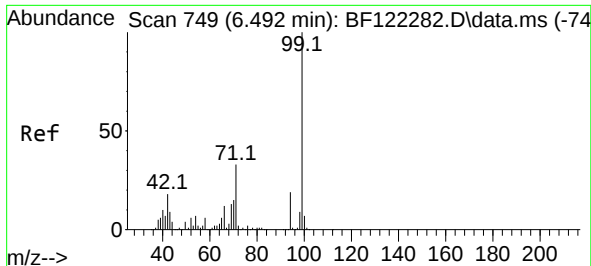
Tgt Ion:112 Resp: 1533711
Ion Ratio Lower Upper
112 100
64 59.1 50.4 75.6
63 30.8 25.8 38.6



Instrument :
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#7
Phenol-d6
Concen: 89.10 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

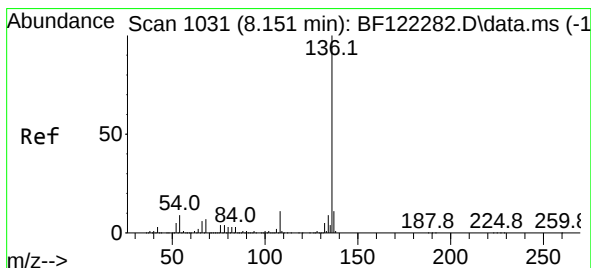
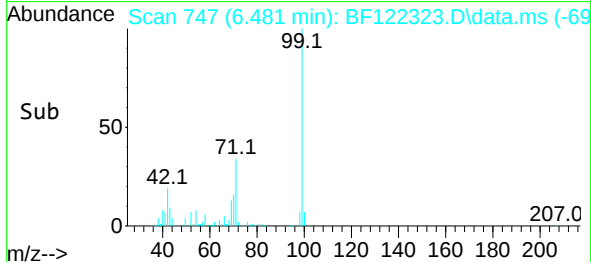
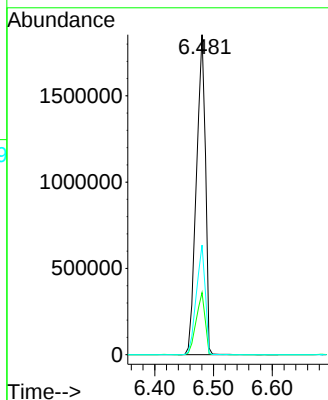
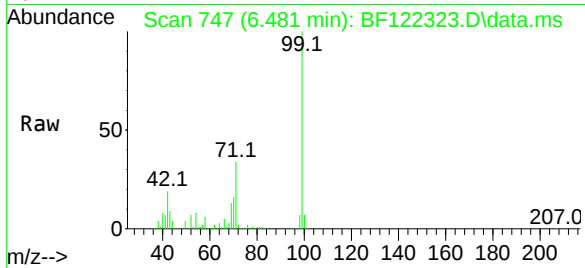
Tgt Ion: 99 Resp: 1983343

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.9	23.9
71	34.3	27.1	40.7

Instrument :
BNA_F
ClientSampled :
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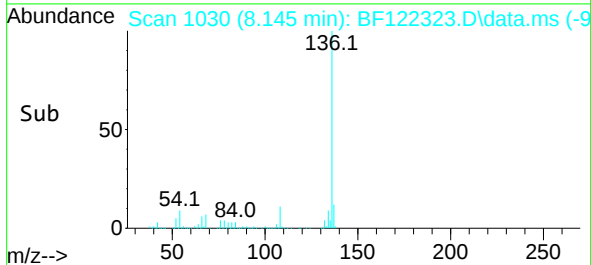
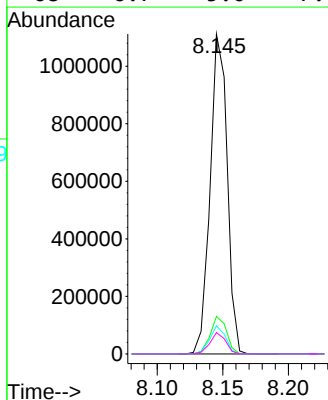
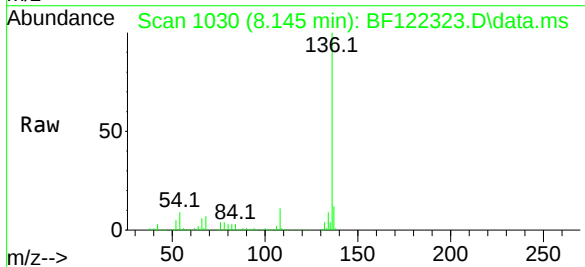
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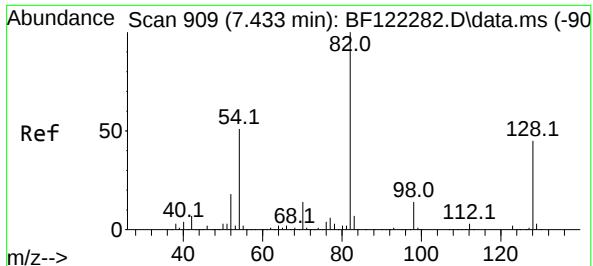


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

Tgt Ion: 136 Resp: 1005620

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	8.9	7.1	10.7
68	6.7	5.0	7.4





#23
Nitrobenzene-d5
Concen: 72.89 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

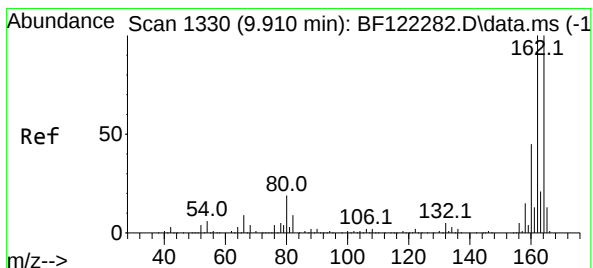
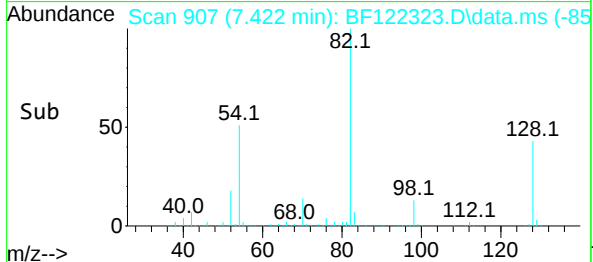
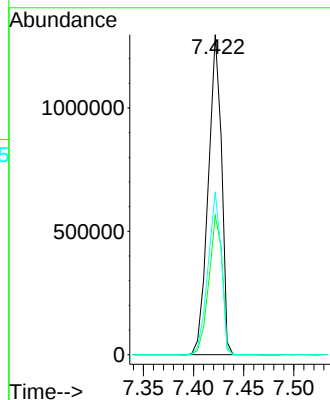
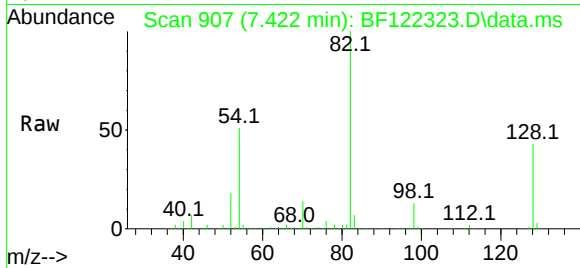
Tgt Ion: 82 Resp: 1197378

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.0	52.4
54	50.9	43.9	65.9

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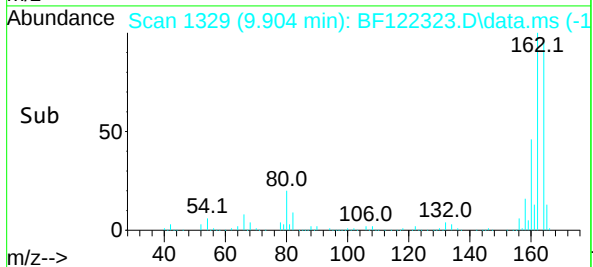
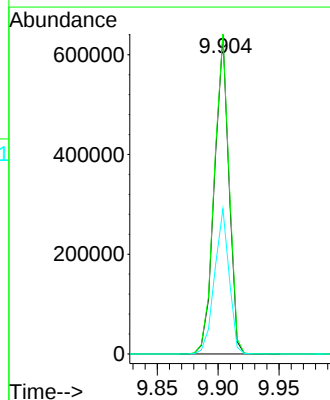
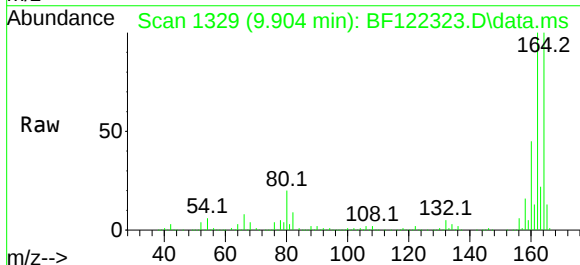
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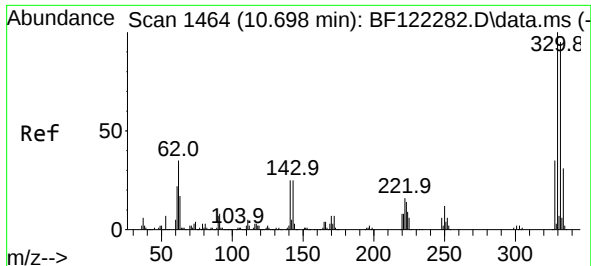


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

Tgt Ion:164 Resp: 528439

Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.2	124.8
160	45.5	37.5	56.3





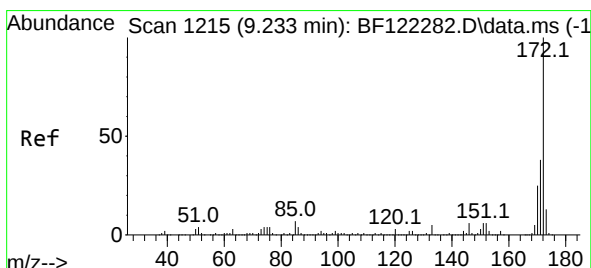
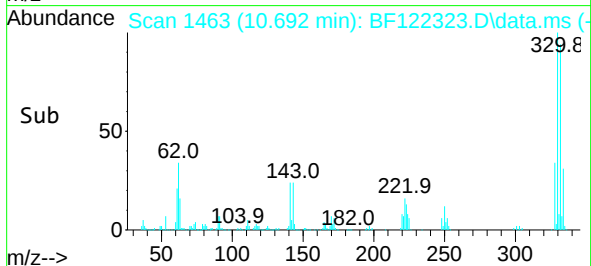
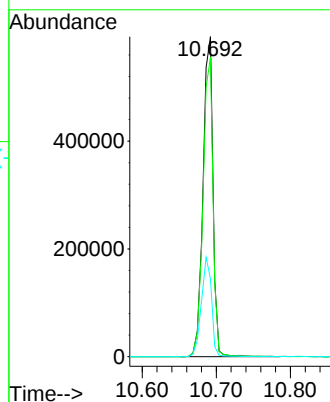
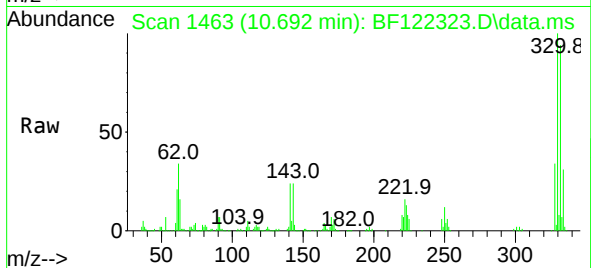
#42
2,4,6-Tribromophenol
Concen: 97.65 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

Tgt Ion: 330 Resp: 553851
Ion Ratio Lower Upper
330 100
332 94.1 77.3 115.9
141 31.7 22.3 33.5

Instrument :
BNA_F
ClientSampled :
TP-3A-S

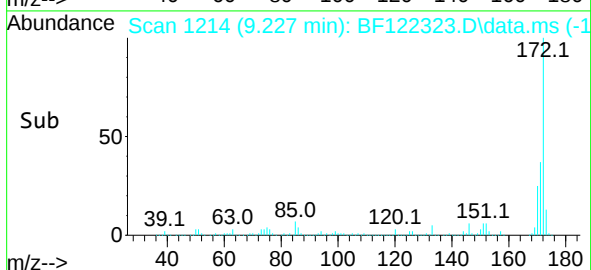
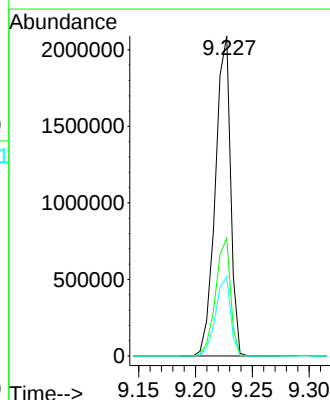
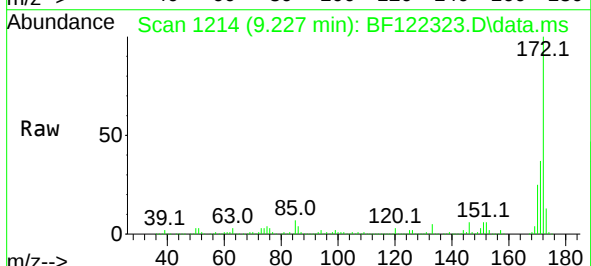
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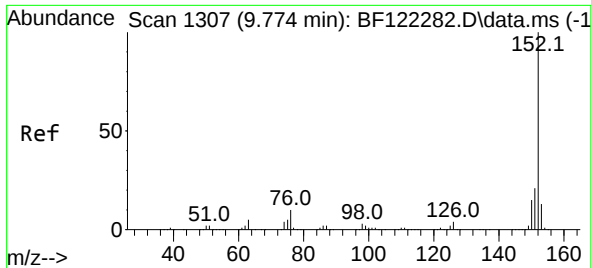
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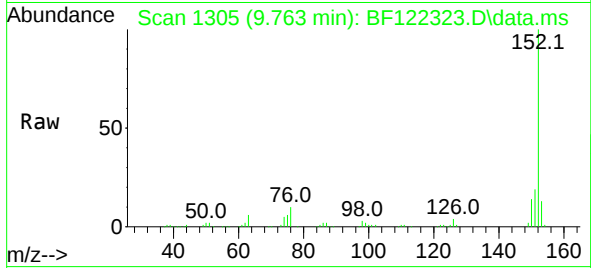
#45
2-Fluorobiphenyl
Concen: 57.75 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

Tgt Ion: 172 Resp: 1953173
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 24.8 19.8 29.6

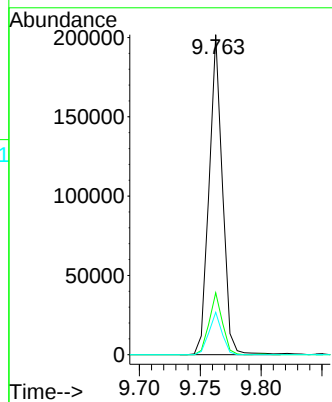
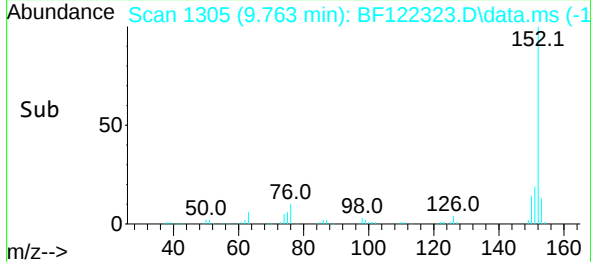




#49
Acenaphthylene
Concen: 2.99 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11



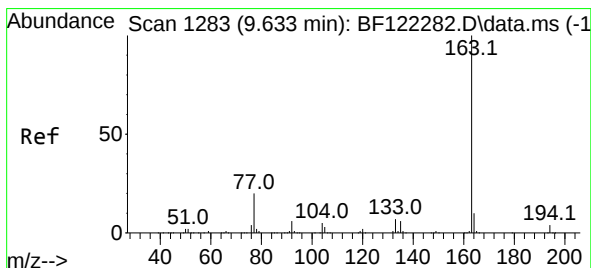
Tgt Ion:152 Resp: 153498
Ion Ratio Lower Upper
152 100
151 19.4 16.4 24.6
153 13.3 10.6 15.8



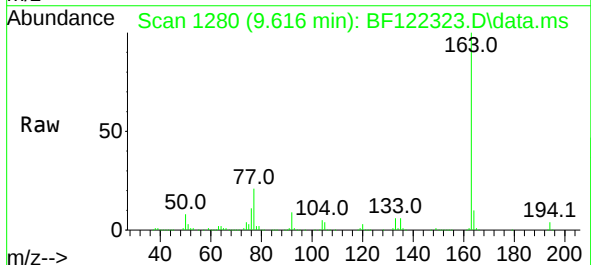
Instrument :
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TP-3A-S

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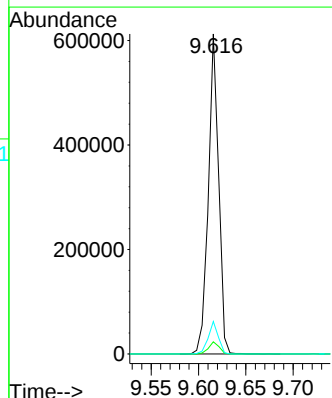
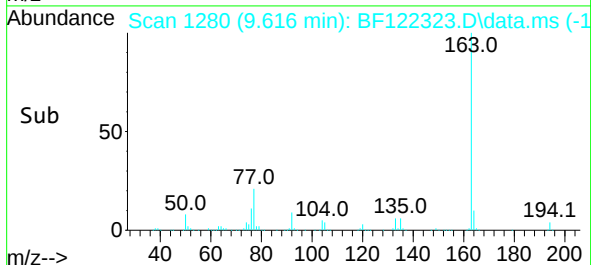
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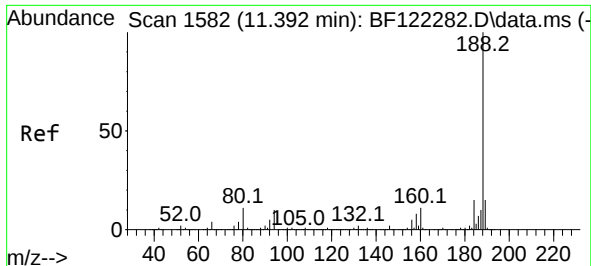


#50
Dimethylphthalate
Concen: 12.29 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11



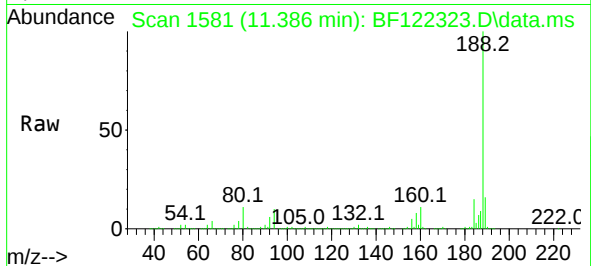
Tgt Ion:163 Resp: 461532
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

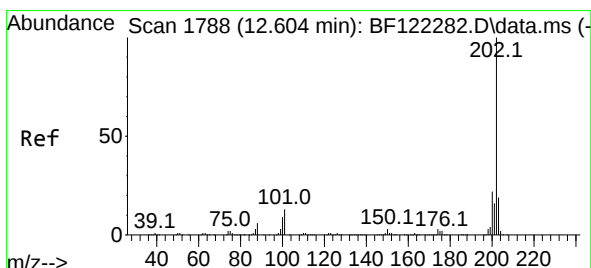
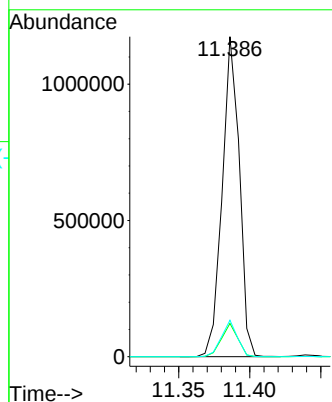
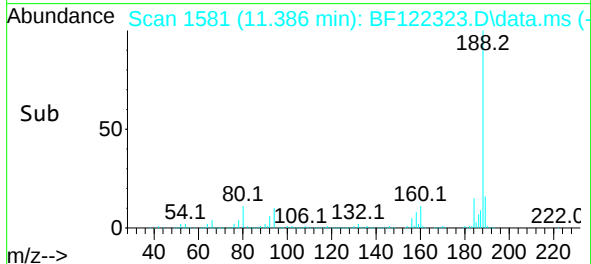
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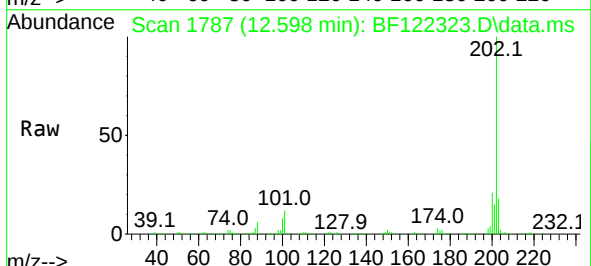
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Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.4 9.1 13.7

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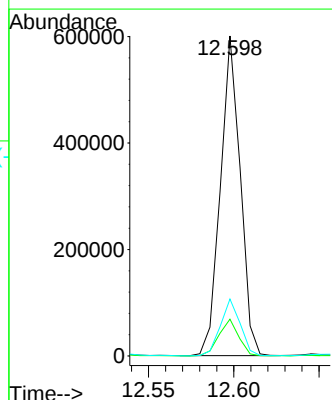
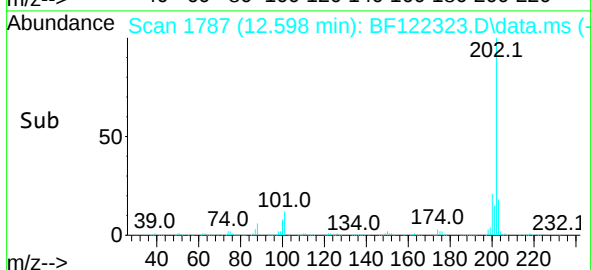
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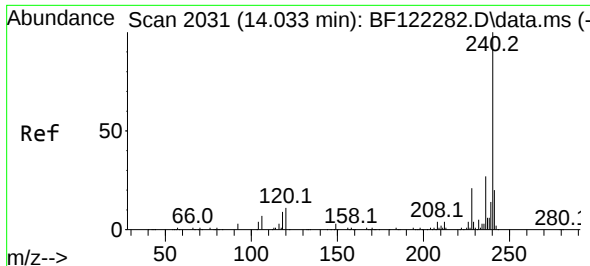


#75
Fluoranthene
Concen: 8.37 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11



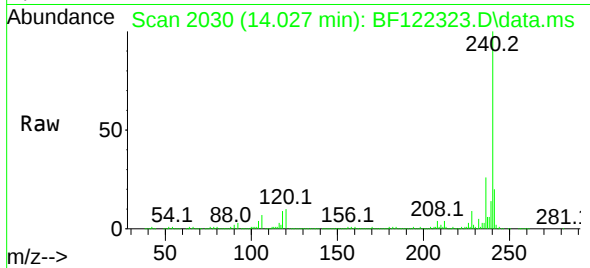
Tgt Ion:202 Resp: 487327
Ion Ratio Lower Upper
202 100
101 11.5 0.0 33.4
203 17.8 0.0 37.9





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

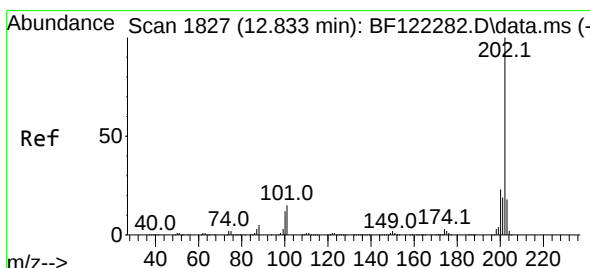
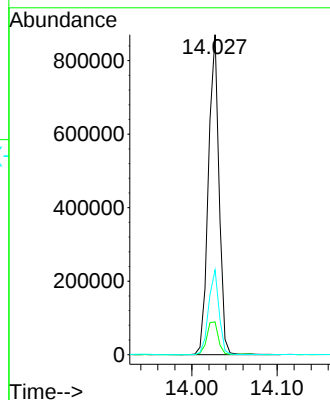
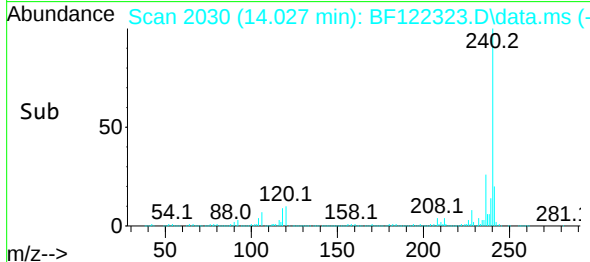
Instrument :
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ClientSampled :
TP-3A-S



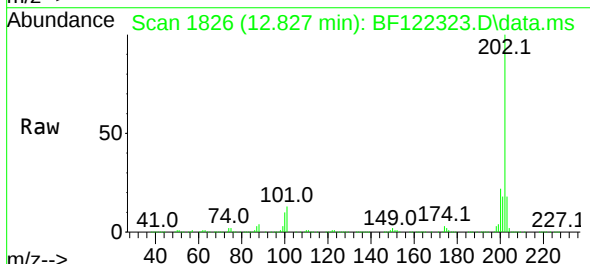
Tgt Ion:240 Resp: 753495
Ion Ratio Lower Upper
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120 10.3 9.2 13.8
236 26.5 20.9 31.3

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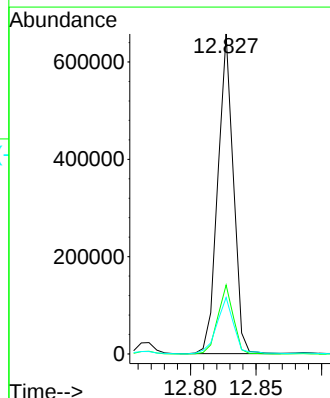
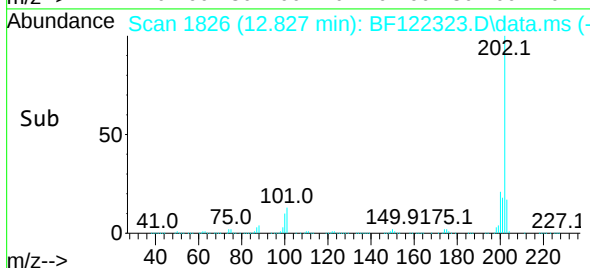
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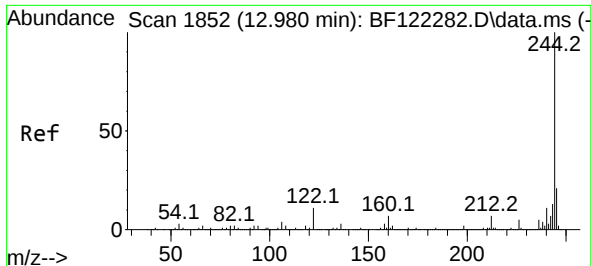


#78
Pyrene
Concen: 10.20 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

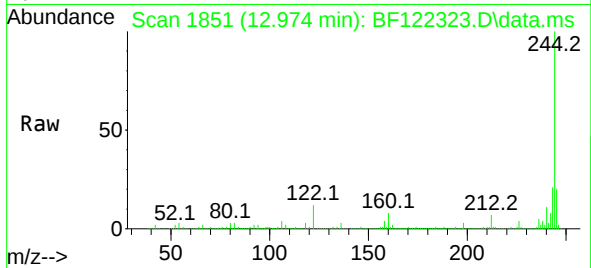


Tgt Ion:202 Resp: 539988
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.7 14.6 21.8

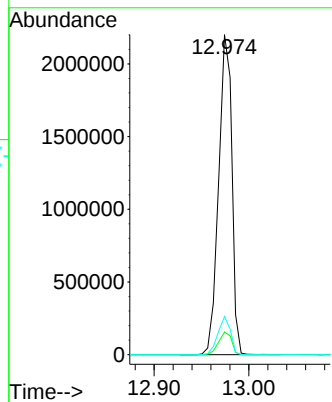
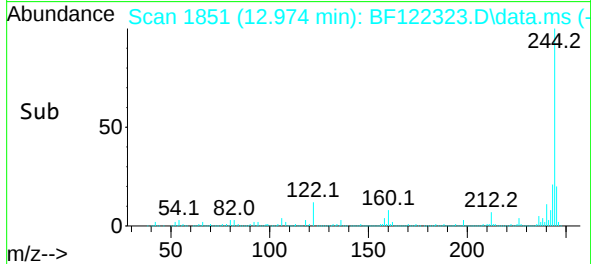




#79
 Terphenyl-d14
 Concen: 60.01 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF122323.D
 Acq: 12 Nov 2020 19:11



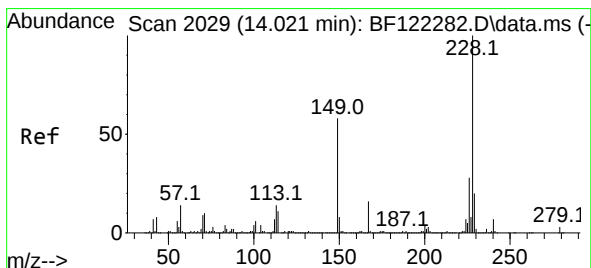
Tgt Ion:244 Resp: 2134357
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.9 8.1 12.1



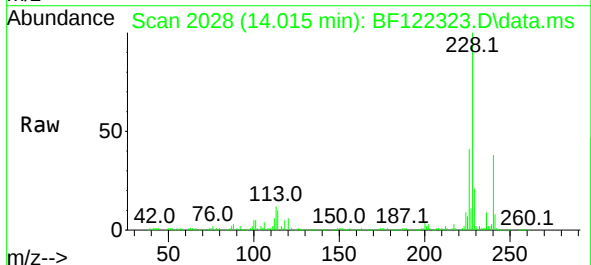
Instrument :
 BNA_F
 ClientSampleId :
 TP-3A-S

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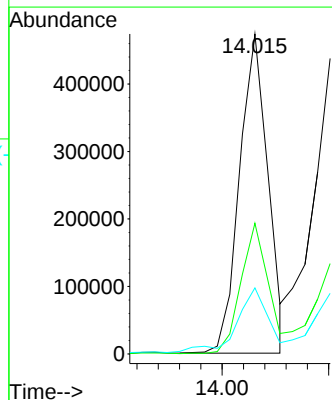
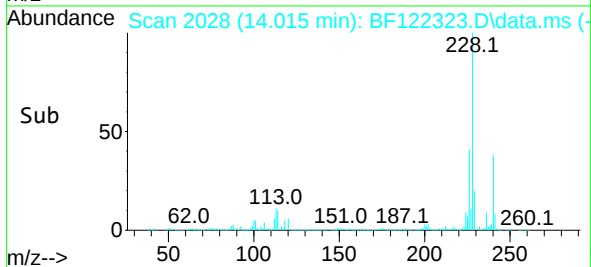
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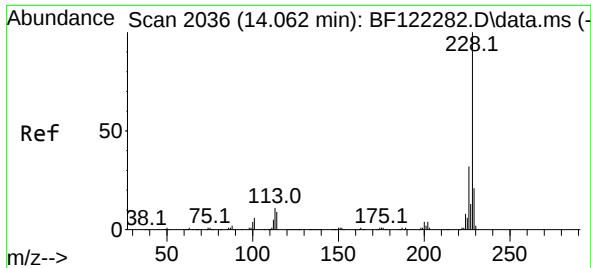


#81
 Benzo(a)anthracene
 Concen: 9.39 ng m
 RT: 14.015 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: BF122323.D
 Acq: 12 Nov 2020 19:11



Tgt Ion:228 Resp: 440196
 Ion Ratio Lower Upper
 228 100
 226 40.8 22.3 33.5#
 229 20.6 16.2 24.4





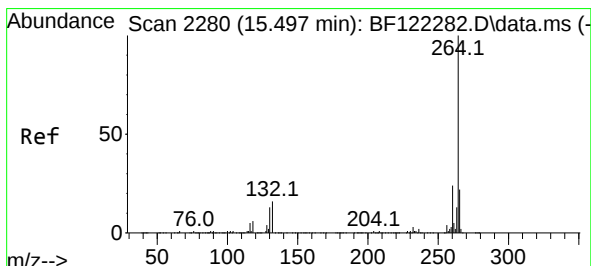
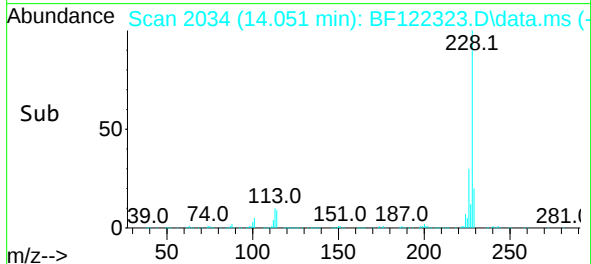
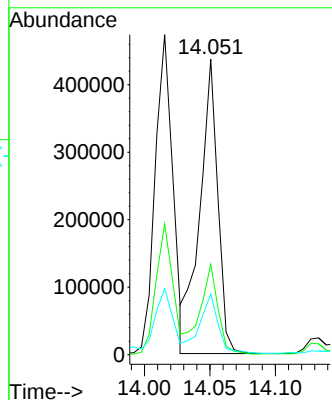
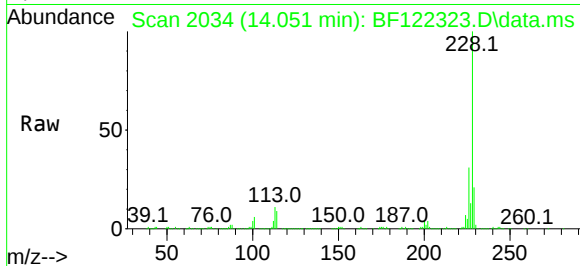
#83
Chrysene
Concen: 8.91 ng m
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

Tgt Ion:228 Resp: 420560
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 20.5 15.9 23.9

Instrument :
BNA_F
ClientSampled :
TP-3A-S

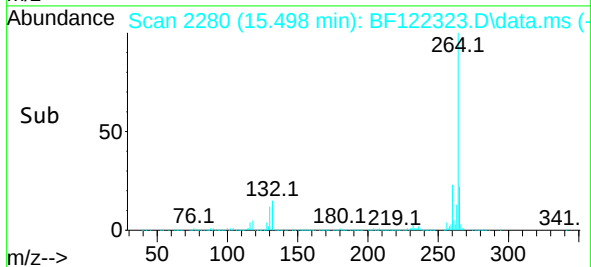
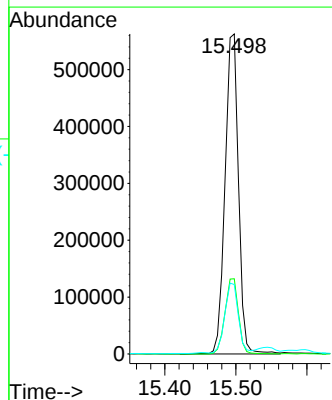
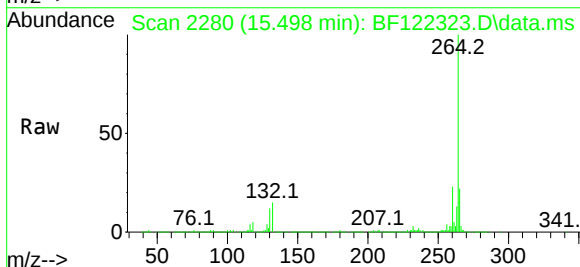
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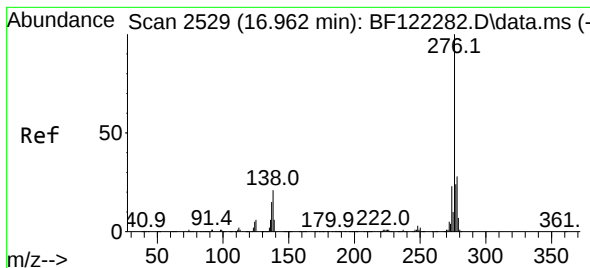
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

Tgt Ion:264 Resp: 735715
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.48 ng m

RT: 16.945 min Scan# 2526

Delta R.T. -0.017 min

Lab File: BF122323.D

Acq: 12 Nov 2020 19:11

Tgt Ion: 276 Resp: 330398

Ion Ratio Lower Upper

276 100

138 4.5 19.9 29.9#

277 4.5 20.4 30.6#

Instrument :

BNA_F

ClientSampled :

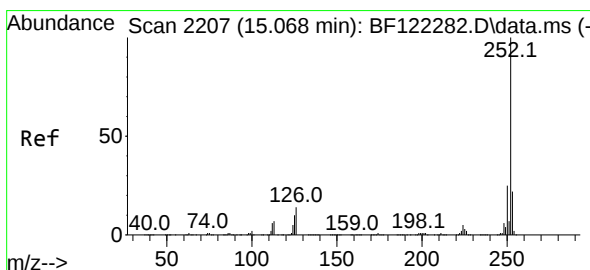
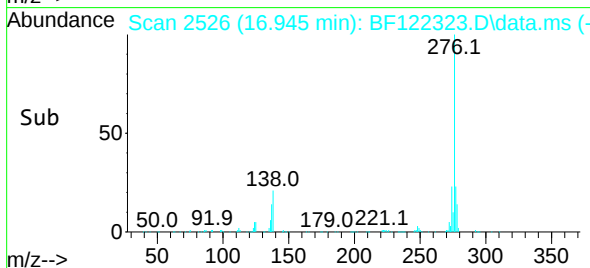
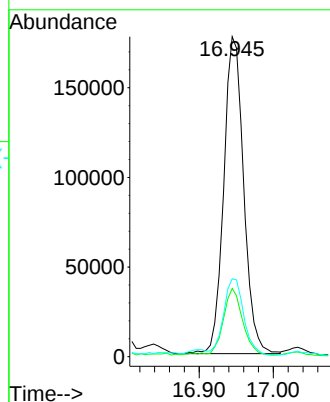
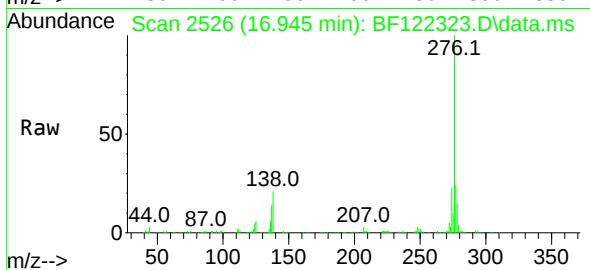
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#88

Benzo(b)fluoranthene

Concen: 14.35 ng m

RT: 15.068 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF122323.D

Acq: 12 Nov 2020 19:11

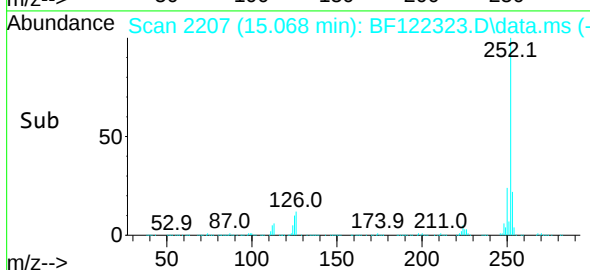
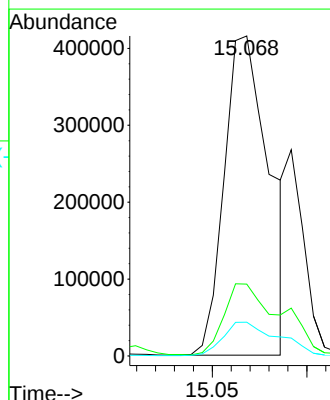
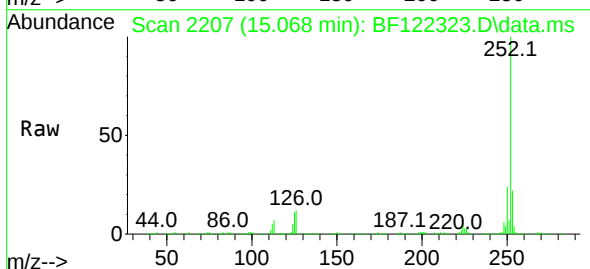
Tgt Ion: 252 Resp: 683791

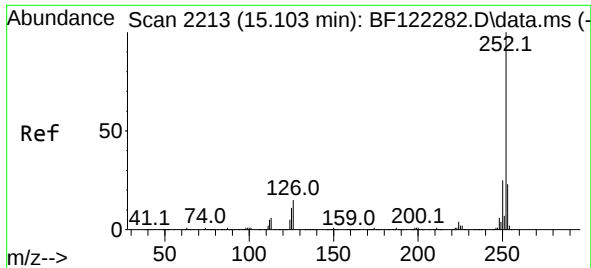
Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

125 10.5 8.0 12.0





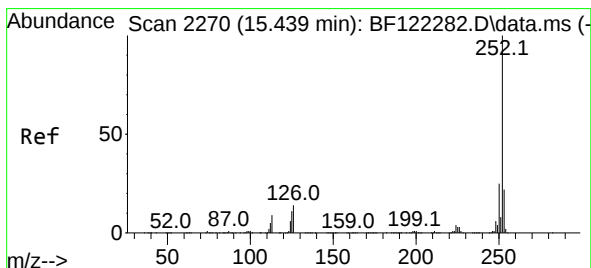
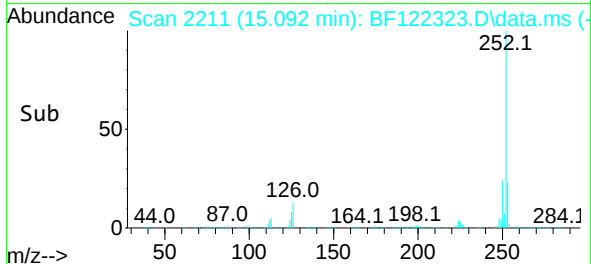
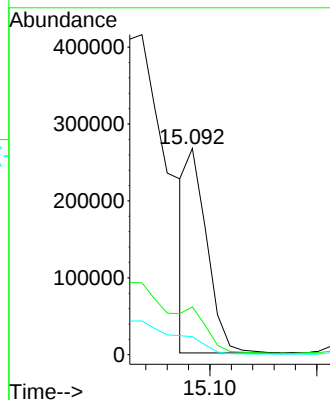
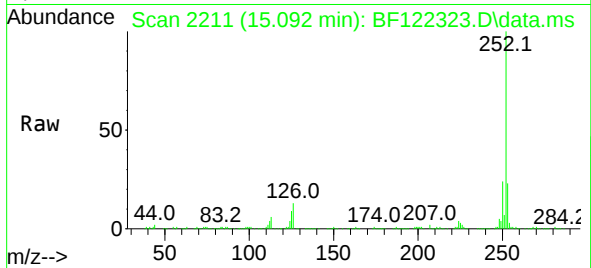
#89
Benzo(k)fluoranthene
Concen: 3.77 ng m
RT: 15.092 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

Tgt Ion:252 Resp: 175037
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 8.7 7.7 11.5

Instrument :
BNA_F
ClientSampleId :
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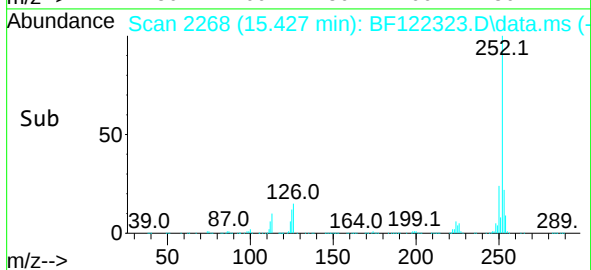
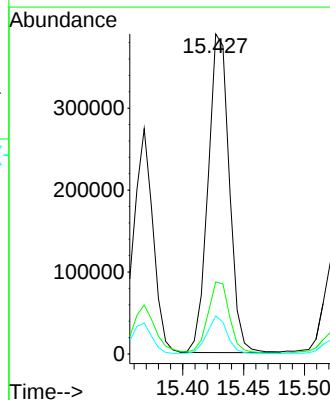
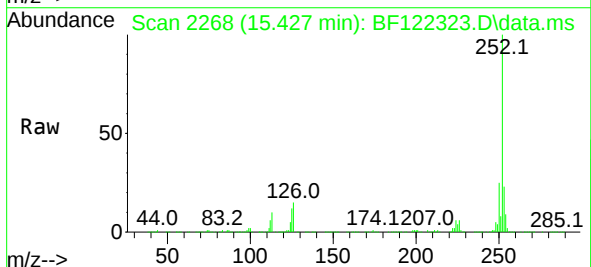
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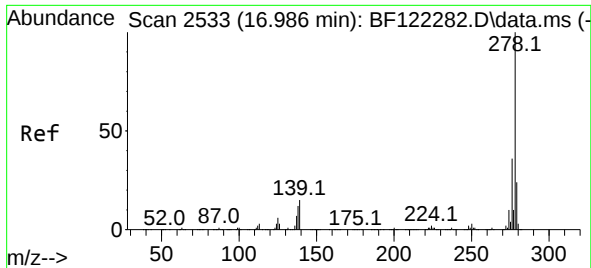
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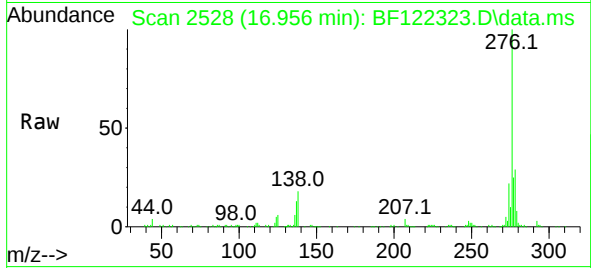
#90
Benzo(a)pyrene
Concen: 11.33 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11

Tgt Ion:252 Resp: 470453
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 11.9 8.6 13.0

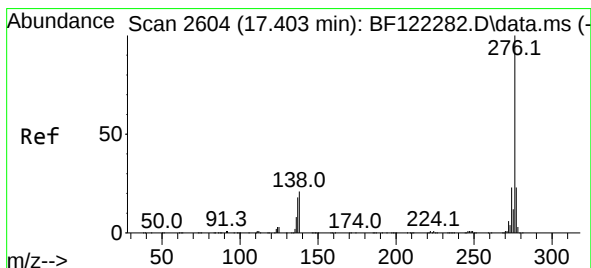
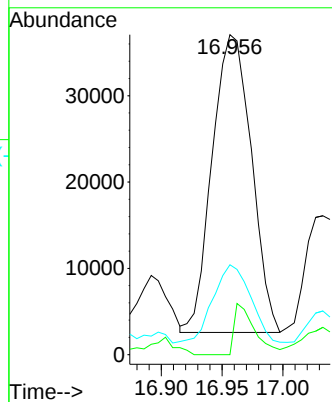
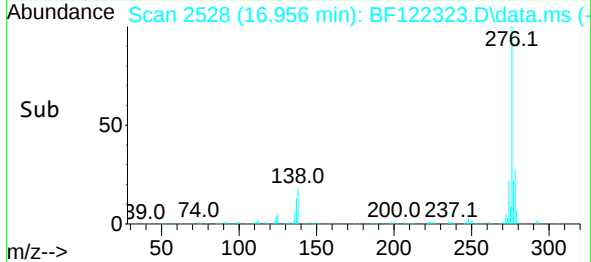




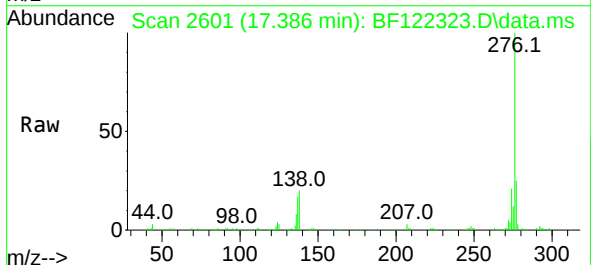
#91
Dibenzo(a,h)anthracene
Concen: 2.10 ng m
RT: 16.956 min Scan# 2528
Delta R.T. -0.029 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11



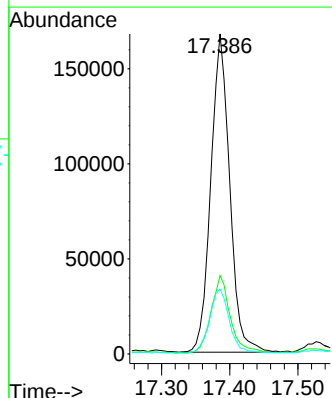
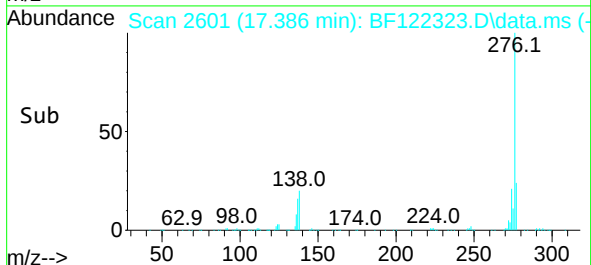
Tgt Ion:278 Resp: 77467
Ion Ratio Lower Upper
278 100
139 0.0 13.0 19.4#
279 28.1 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 8.98 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.017 min
Lab File: BF122323.D
Acq: 12 Nov 2020 19:11



Tgt Ion:276 Resp: 323071
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.2
138 20.3 17.8 26.6



Instrument :
BNA_F
ClientSampleId :
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