

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
 Data File : BF122331.D
 Acq On : 13 Nov 2020 16:10
 Operator : JU/CG
 Sample : L4723-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-59

Manual Integrations
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Quant Time: Nov 13 16:41:58 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	226120	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	866264	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	460027	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	848156	20.00	ng	0.00
76) Chrysene-d12	14.027	240	751076	20.00	ng	0.00
86) Perylene-d12	15.492	264	733460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1170979	79.52	ng	0.00
7) Phenol-d6	6.481	99	1455447	75.55	ng	-0.01
23) Nitrobenzene-d5	7.422	82	903660	63.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	346277	70.13	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	1374815	46.69	ng	0.00
79) Terphenyl-d14	12.974	244	1374335	38.76	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.851	122	12397m	9.22	ng	
50) Dimethylphthalate	9.616	163	389824	11.92	ng	100
71) Phenanthrene	11.410	178	221397	4.60	ng	99
75) Fluoranthene	12.598	202	410937	8.18	ng	98
78) Pyrene	12.827	202	389174	7.38	ng	98
81) Benzo(a)anthracene	14.015	228	176800	3.79	ng	97
83) Chrysene	14.051	228	200172m	4.25	ng	
87) Indeno(1,2,3-cd)pyrene	16.945	276	101967	2.32	ng	95
88) Benzo(b)fluoranthene	15.062	252	224529m	4.73	ng	
90) Benzo(a)pyrene	15.427	252	152646	3.69	ng	98
92) Benzo(g,h,i)perylene	17.386	276	103154	2.88	ng	97

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

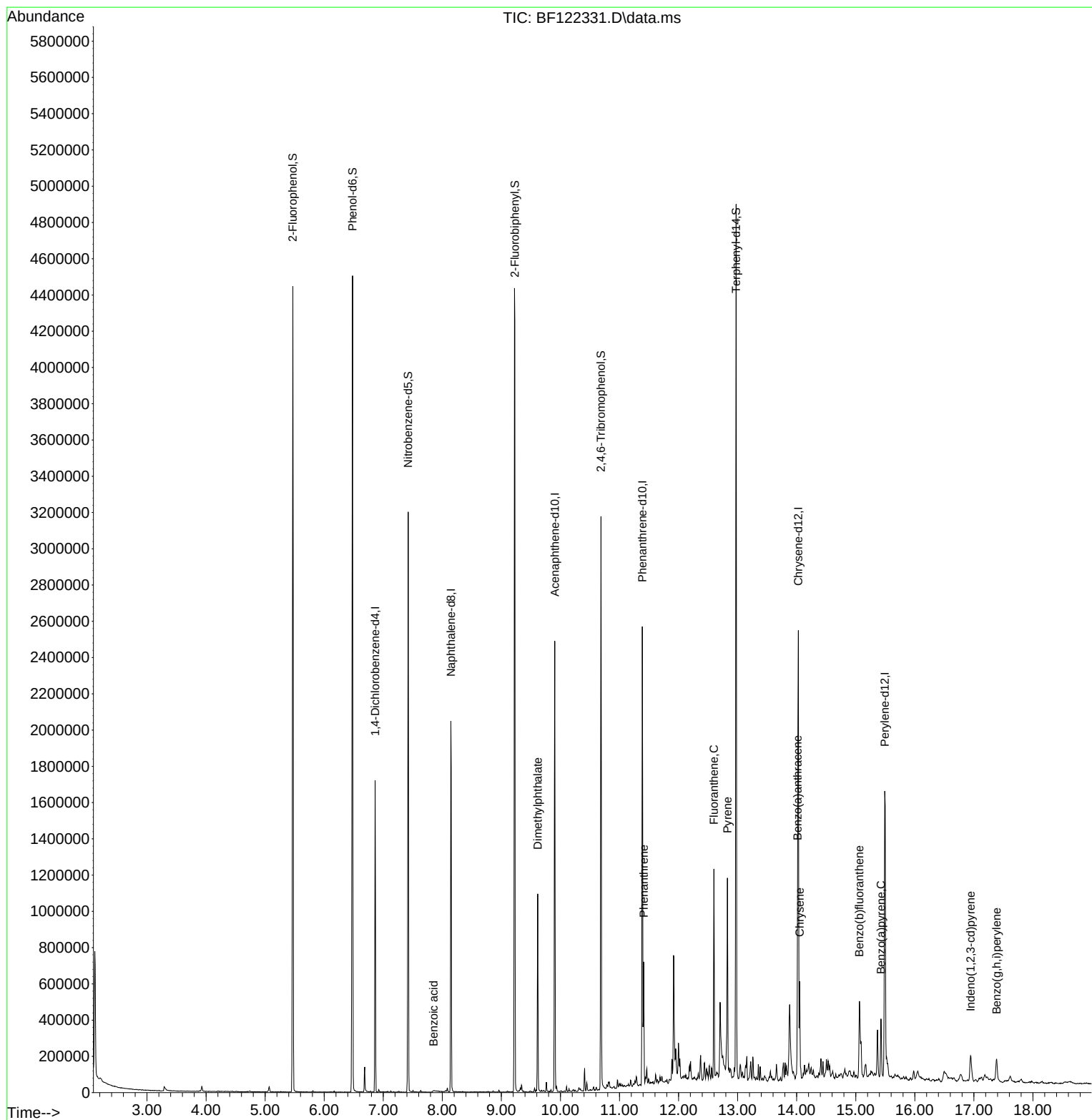
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Data File : BF122331.D
Acq On : 13 Nov 2020 16:10
Operator : JU/CG
Sample : L4723-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

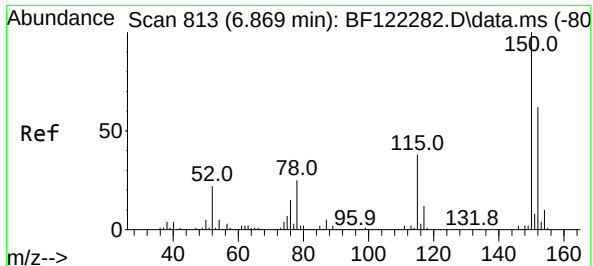
Instrument :
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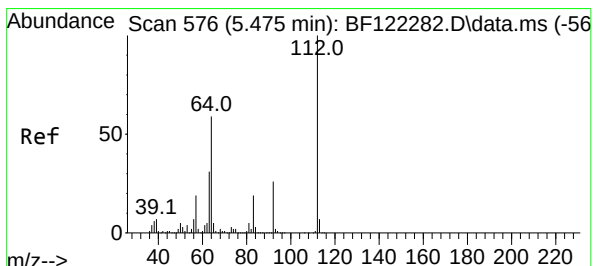
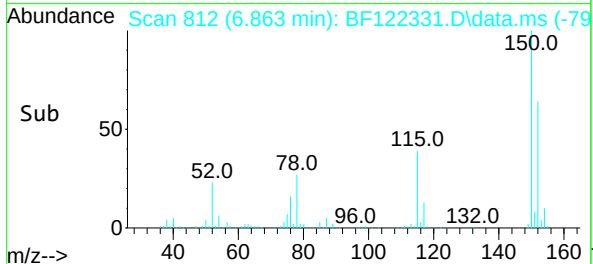
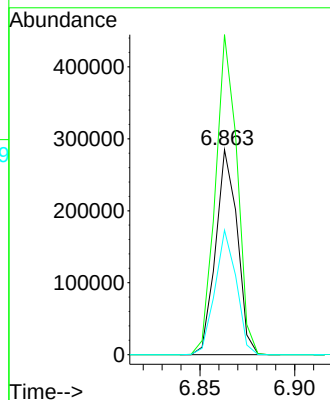
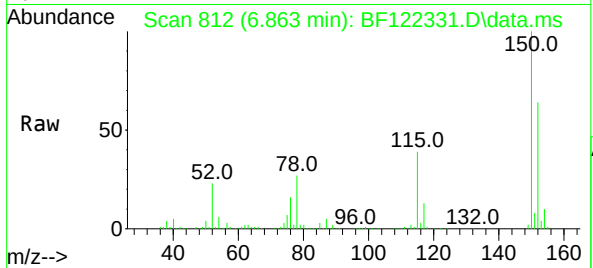
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10

Tgt Ion:152 Resp: 226120
Ion Ratio Lower Upper
152 100
150 156.1 125.3 187.9
115 60.7 51.9 77.9

Instrument :
BNA_F
ClientSampled :
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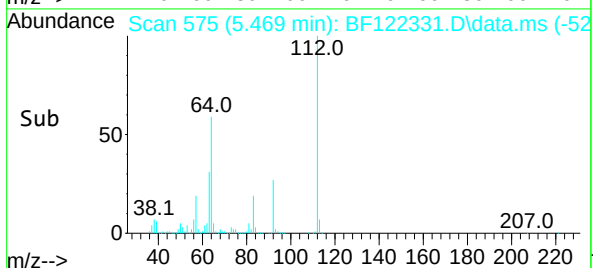
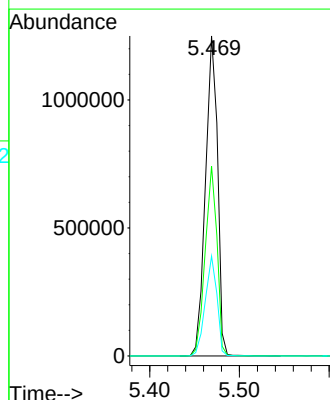
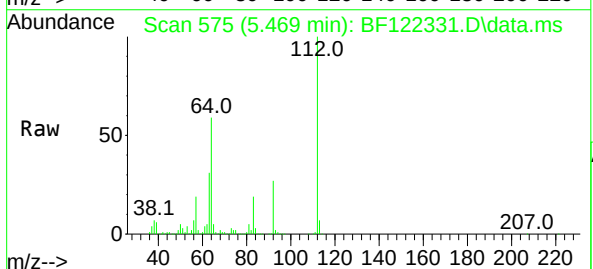
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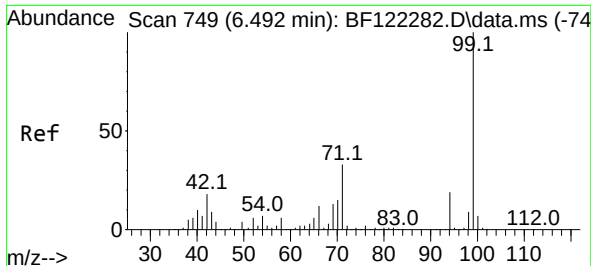
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#5
2-Fluorophenol
Concen: 79.52 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10

Tgt Ion:112 Resp: 1170979
Ion Ratio Lower Upper
112 100
64 59.4 50.4 75.6
63 31.2 25.8 38.6





#7
Phenol-d6
Concen: 75.55 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10

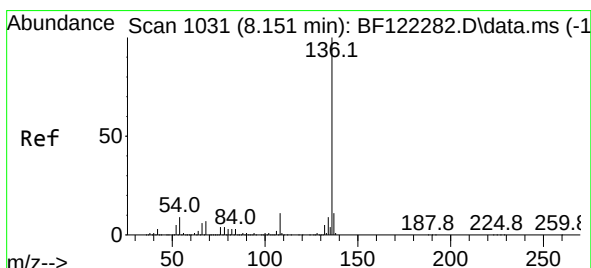
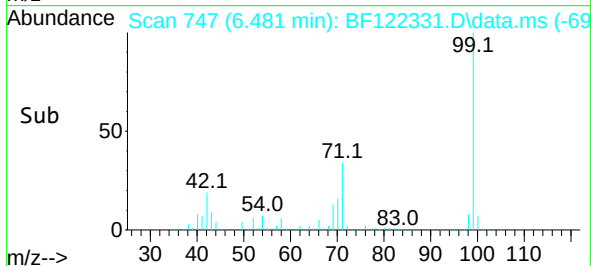
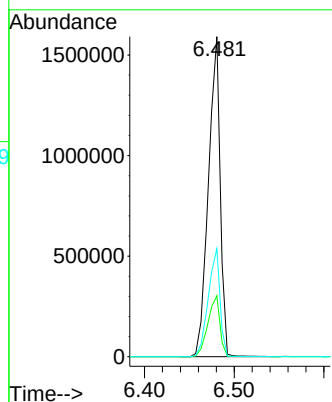
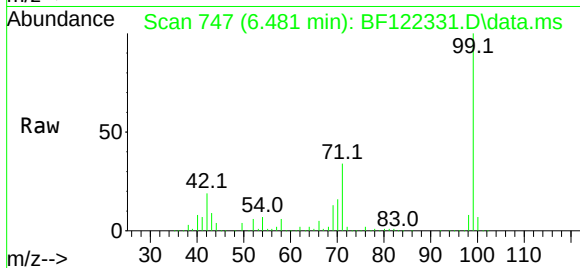
Tgt Ion: 99 Resp: 1455447

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.9	23.9
71	33.8	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
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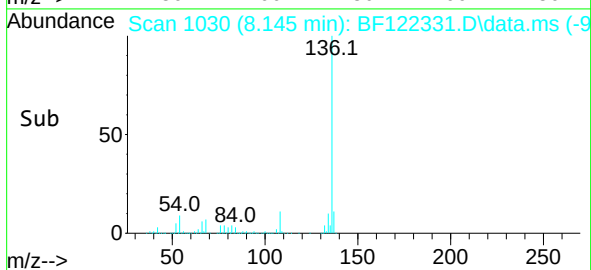
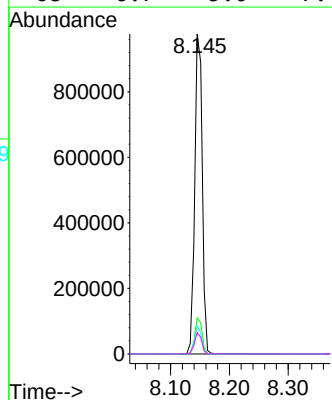
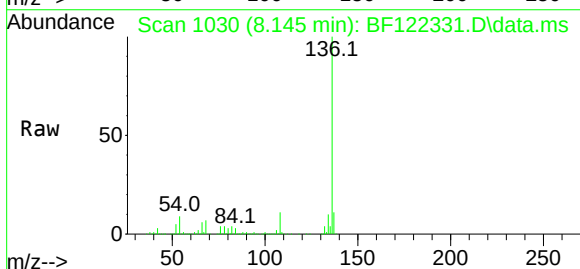
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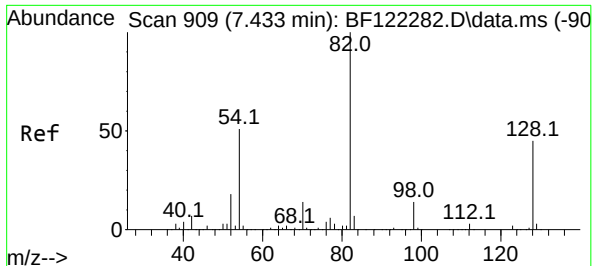


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10

Tgt Ion: 136 Resp: 866264

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.9	7.1	10.7
68	6.7	5.0	7.4





#23

Nitrobenzene-d5

Concen: 63.86 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF122331.D

Acq: 13 Nov 2020 16:10

Tgt Ion: 82 Resp: 903660

Ion Ratio Lower Upper

82 100

128 43.9 35.0 52.4

54 50.6 43.9 65.9

Instrument :

BNA_F

ClientSampled :

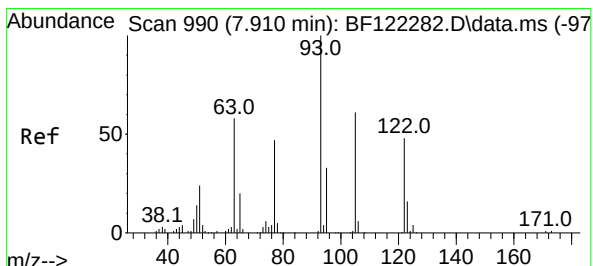
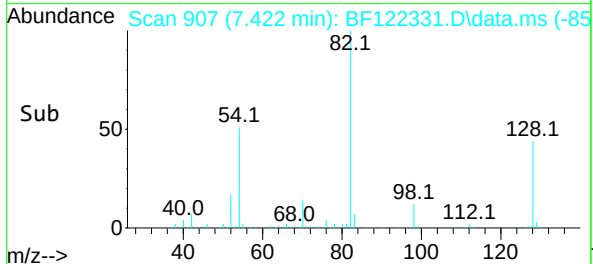
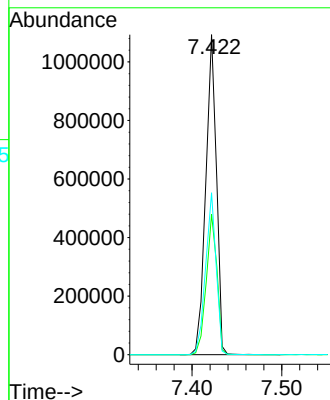
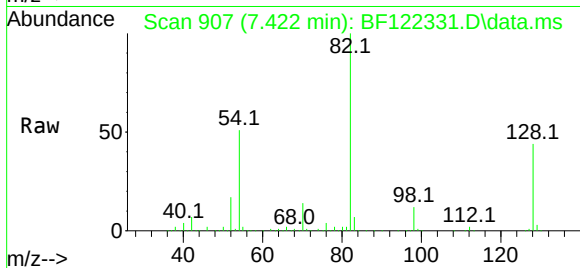
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#32

Benzoic acid

Concen: 9.22 ng m

RT: 7.851 min Scan# 980

Delta R.T. -0.059 min

Lab File: BF122331.D

Acq: 13 Nov 2020 16:10

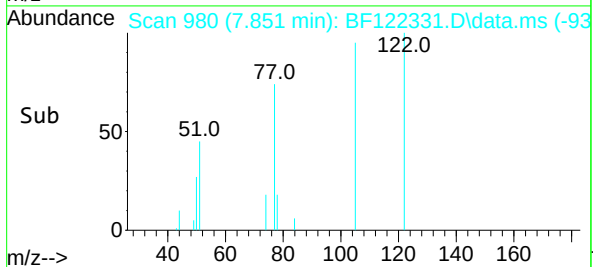
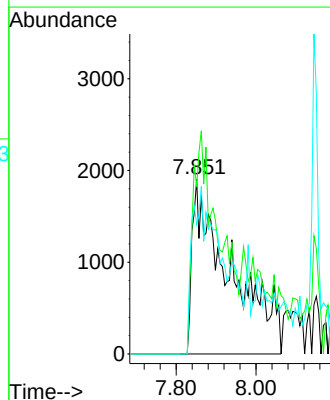
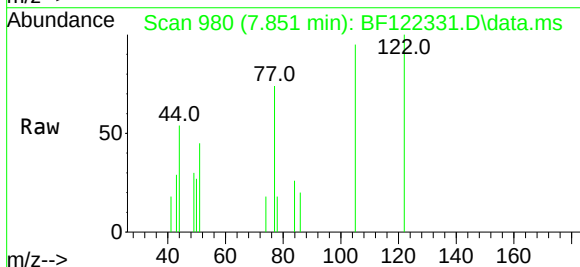
Tgt Ion:122 Resp: 12397

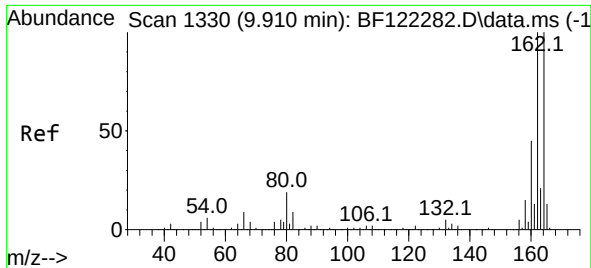
Ion Ratio Lower Upper

122 100

105 95.5 103.3 143.3#

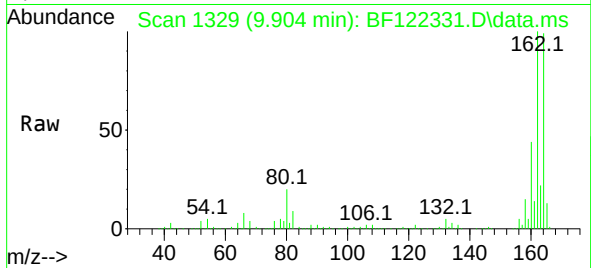
77 74.1 73.9 113.9





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10

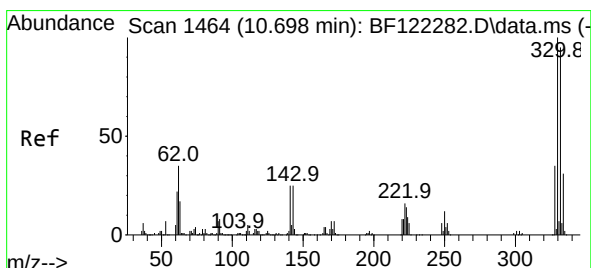
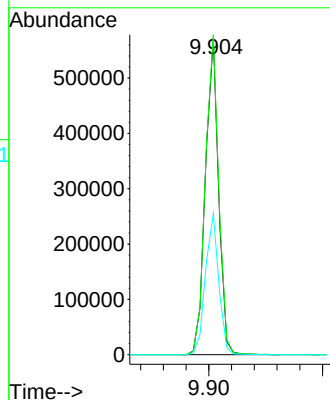
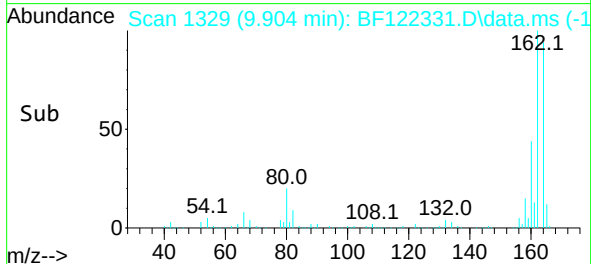
Instrument :
BNA_F
ClientSampled :
RBR-59



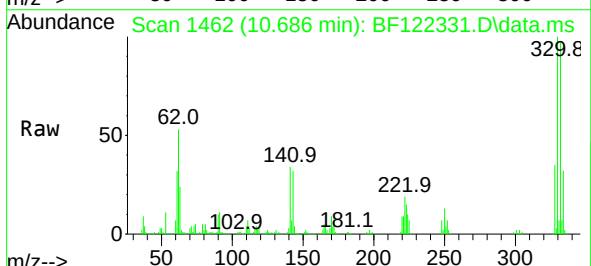
Tgt Ion:164 Resp: 460027
Ion Ratio Lower Upper
164 100
162 101.1 83.2 124.8
160 44.6 37.5 56.3

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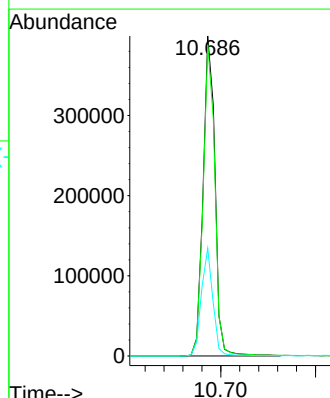
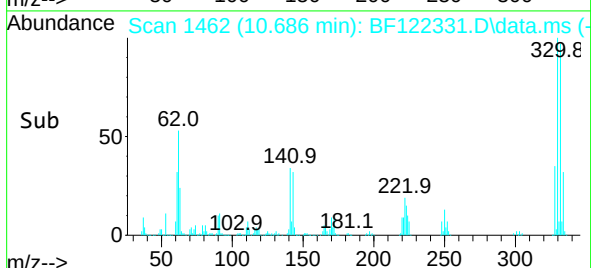
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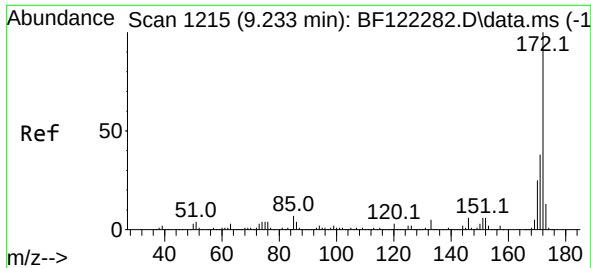


#42
2,4,6-Tribromophenol
Concen: 70.13 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10



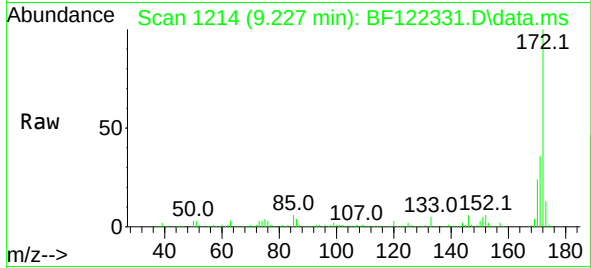
Tgt Ion:330 Resp: 346277
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 33.2 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 46.69 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10

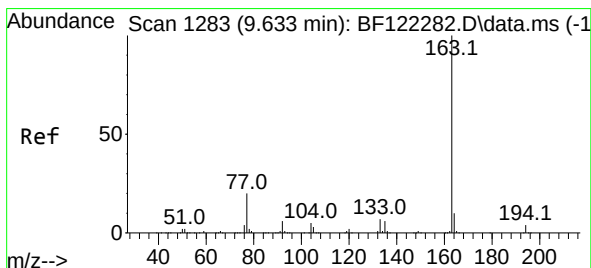
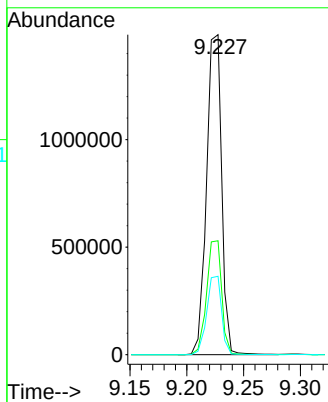
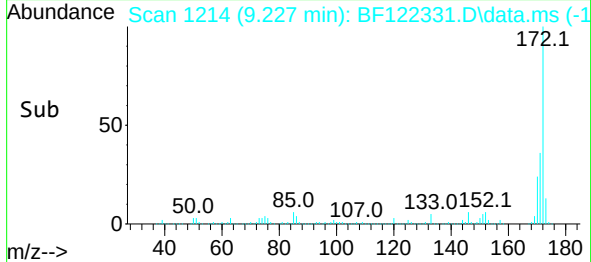
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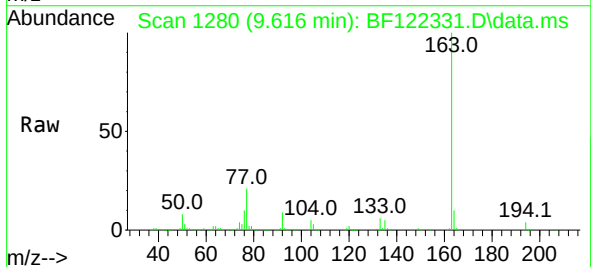
Tgt Ion:172 Resp: 1374815
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 24.5 19.8 29.6

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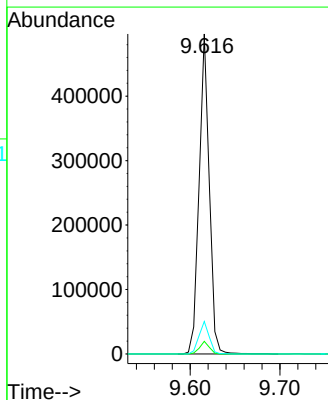
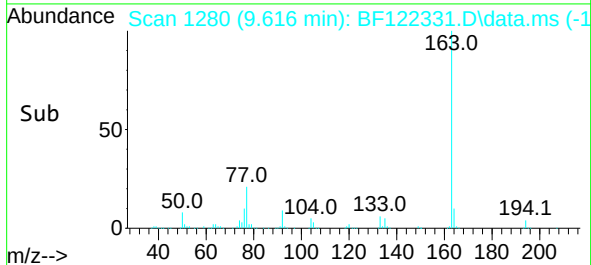
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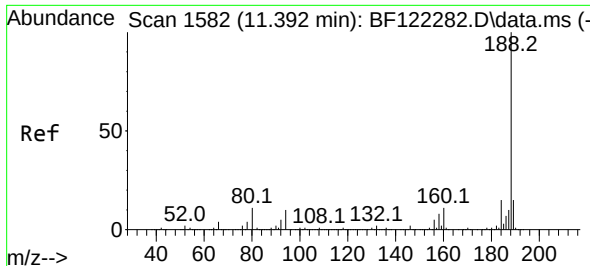


#50
Dimethylphthalate
Concen: 11.92 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10



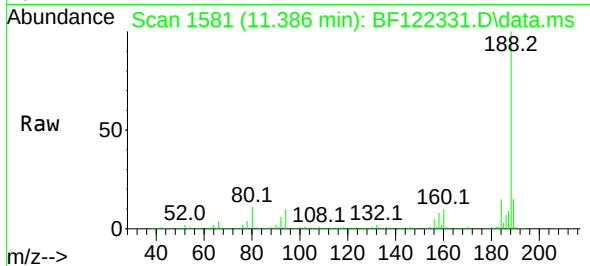
Tgt Ion:163 Resp: 389824
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10

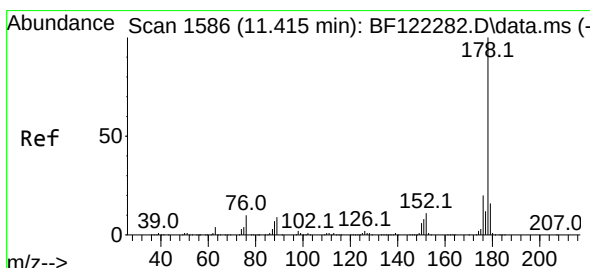
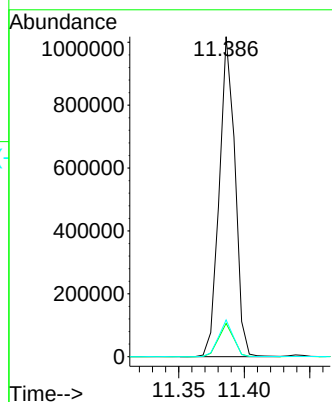
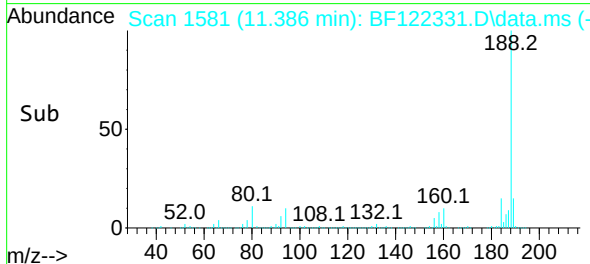
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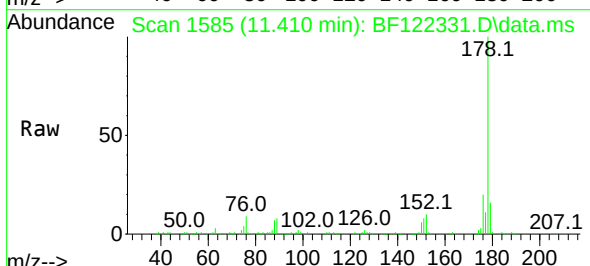
Tgt Ion:188 Resp: 848156
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.5 9.1 13.7

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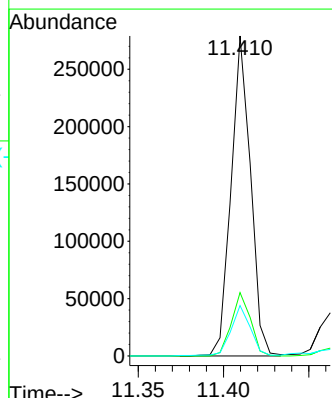
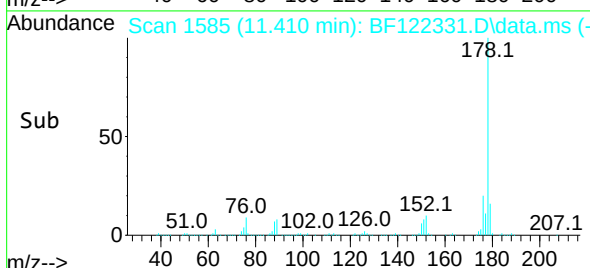
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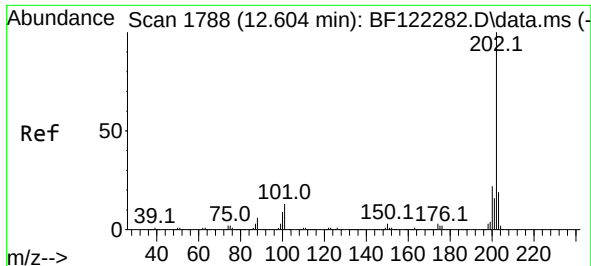


#71
Phenanthrene
Concen: 4.60 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10

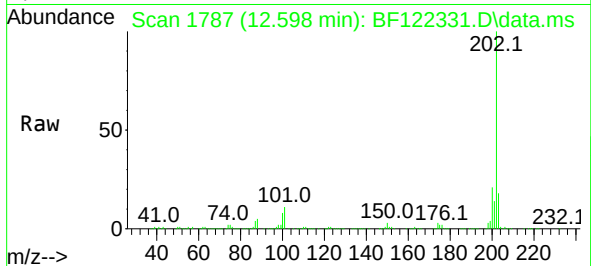


Tgt Ion:178 Resp: 221397
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.7 12.2 18.4

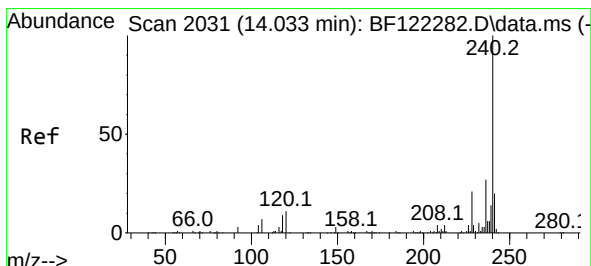
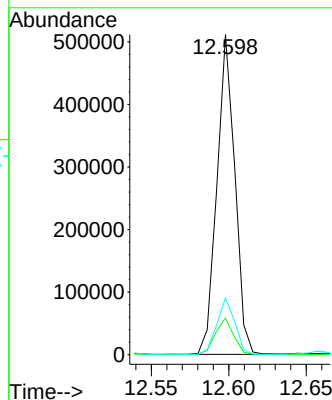
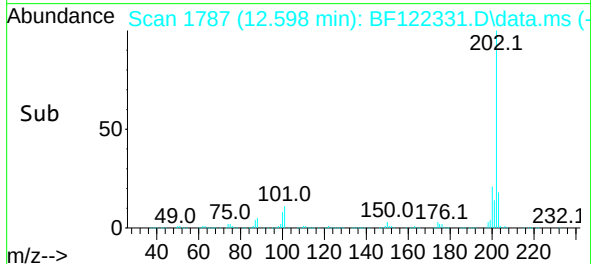




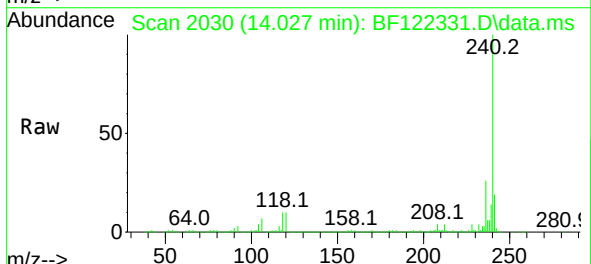
#75
Fluoranthene
Concen: 8.18 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10



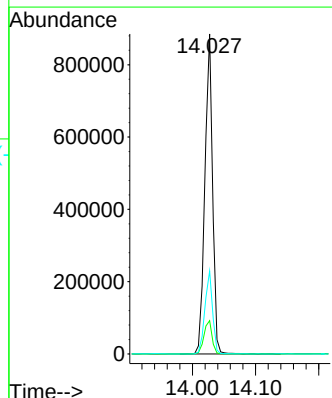
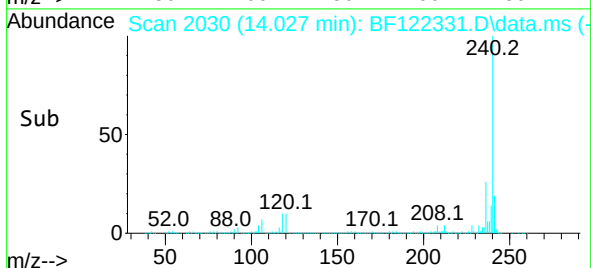
Tgt Ion: 202 Resp: 410937
Ion Ratio Lower Upper
202 100
101 11.4 0.0 33.4
203 17.7 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10



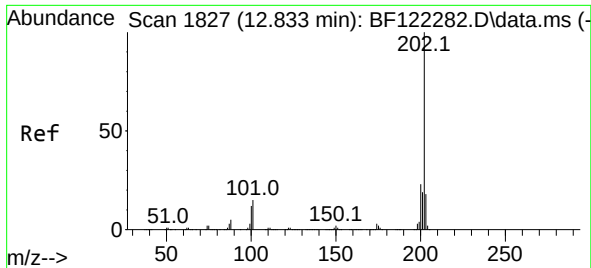
Tgt Ion: 240 Resp: 751076
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 26.0 20.9 31.3



Instrument :
BNA_F
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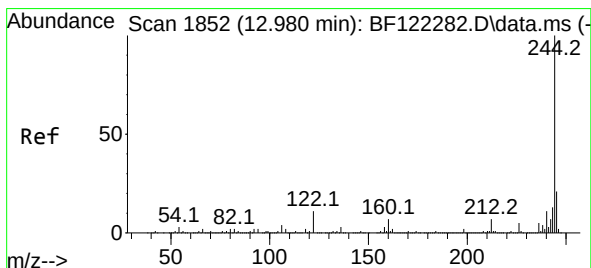
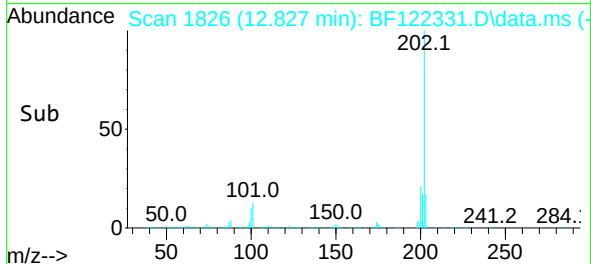
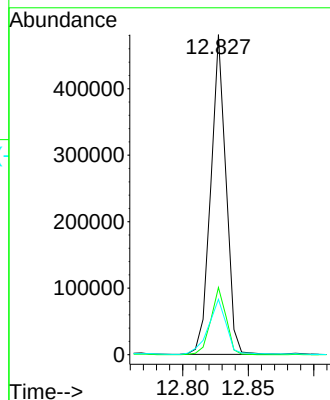
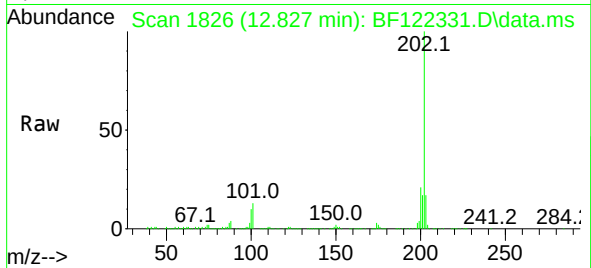
#78
Pyrene
Concen: 7.38 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122331.D
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Tgt Ion:202 Resp: 389174
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.3 14.6 21.8

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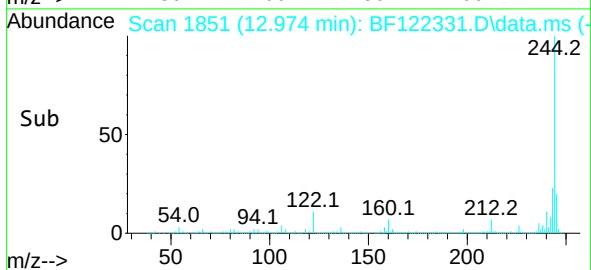
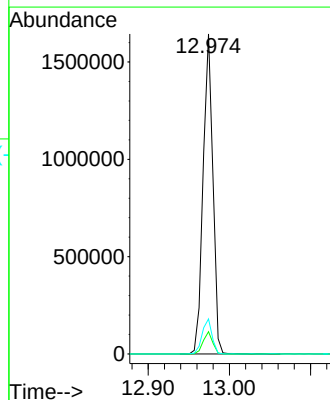
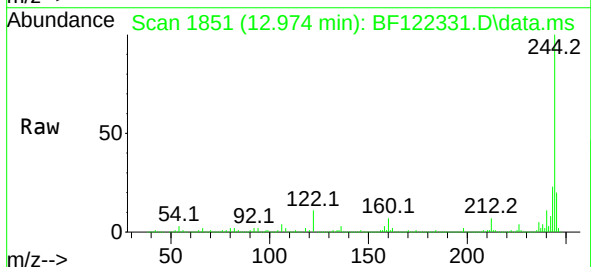
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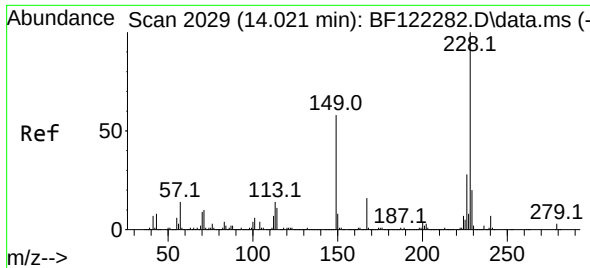
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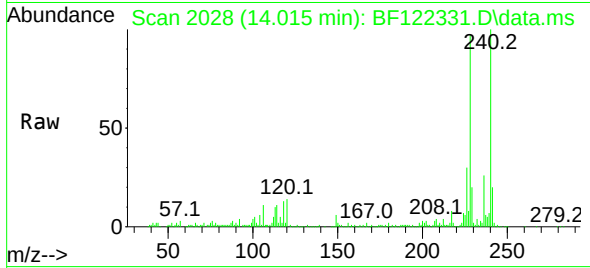
#79
Terphenyl-d14
Concen: 38.76 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10

Tgt Ion:244 Resp: 1374335
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.9 8.1 12.1

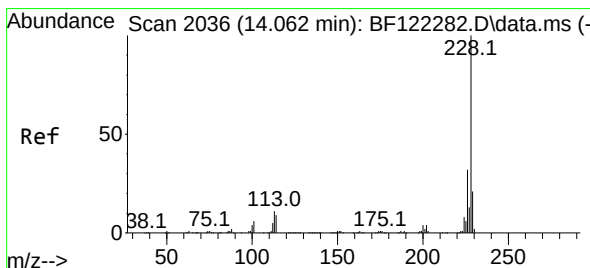
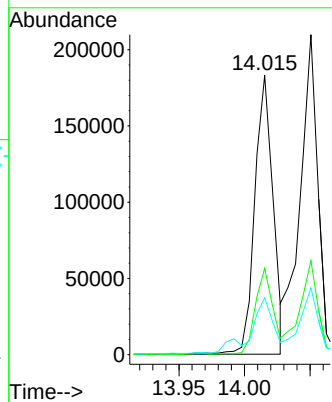
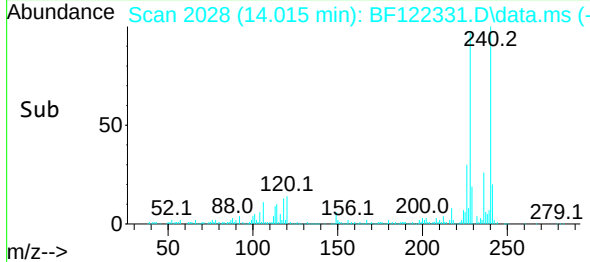




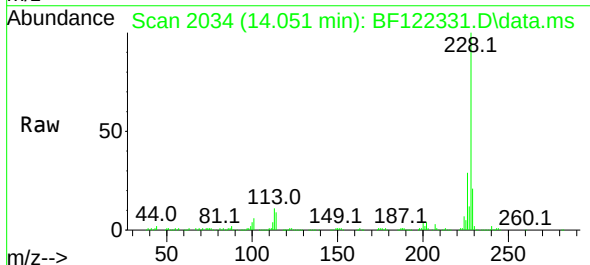
#81
Benzo(a)anthracene
Concen: 3.79 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10



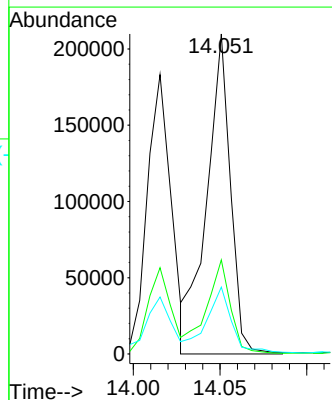
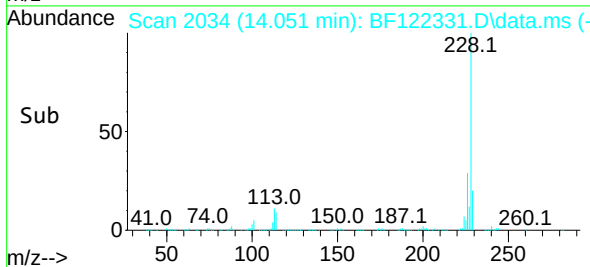
Tgt Ion:228 Resp: 176800
Ion Ratio Lower Upper
228 100
226 30.9 22.3 33.5
229 20.4 16.2 24.4



#83
Chrysene
Concen: 4.25 ng m
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10



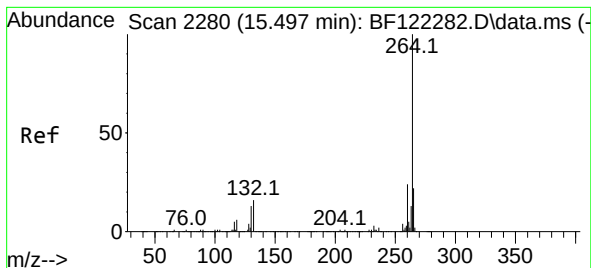
Tgt Ion:228 Resp: 200172
Ion Ratio Lower Upper
228 100
226 29.4 24.6 37.0
229 20.9 15.9 23.9



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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF122331.D

Acq: 13 Nov 2020 16:10

Tgt Ion:264 Resp: 733460

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.7 17.3 25.9

Instrument :

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ClientSampleId :

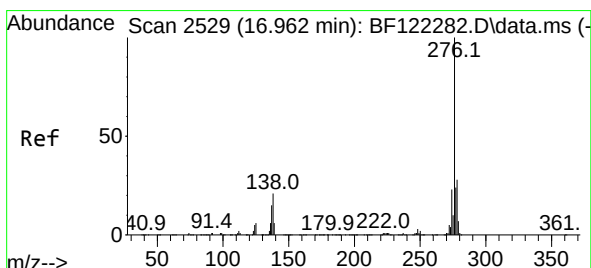
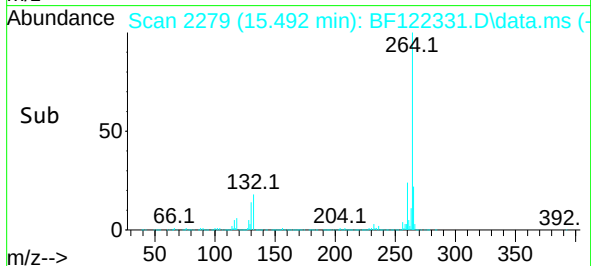
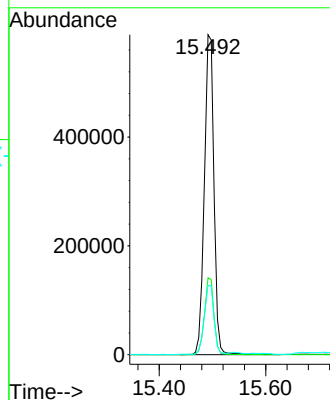
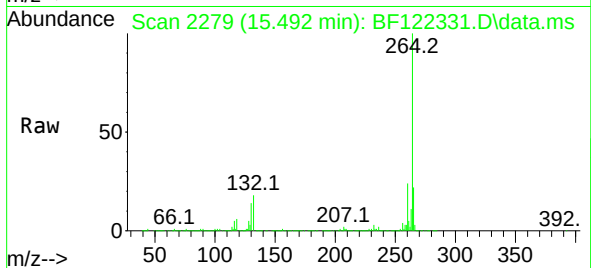
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#87

Indeno(1,2,3-cd)pyrene

Concen: 2.32 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.017 min

Lab File: BF122331.D

Acq: 13 Nov 2020 16:10

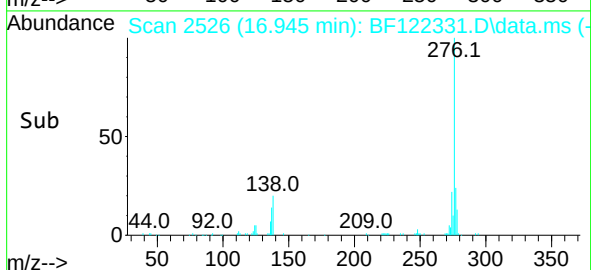
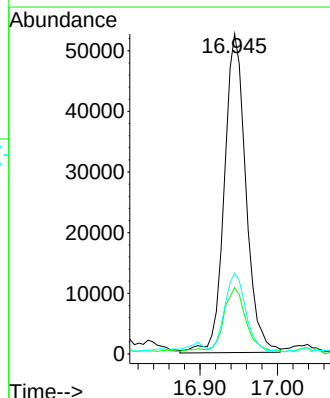
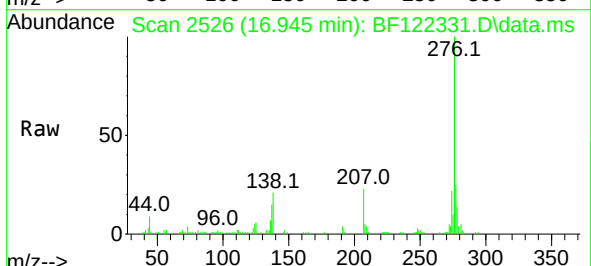
Tgt Ion:276 Resp: 101967

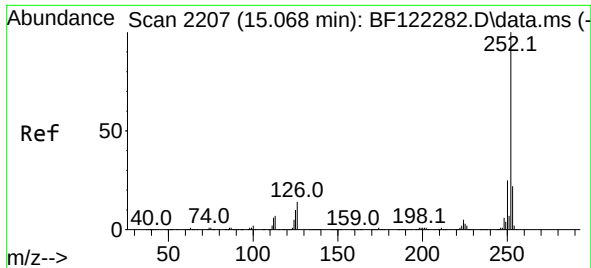
Ion Ratio Lower Upper

276 100

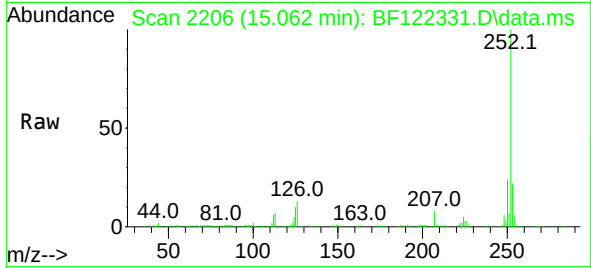
138 21.1 19.9 29.9

277 24.3 20.4 30.6

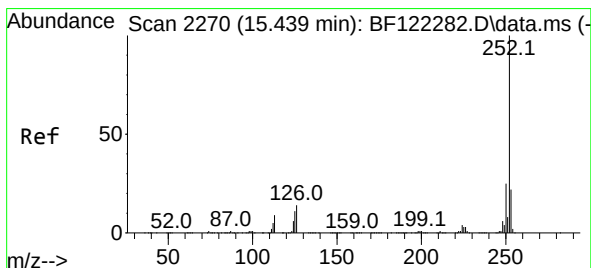
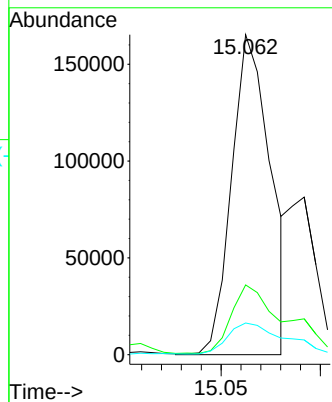
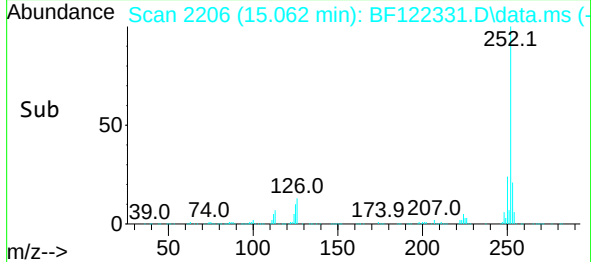




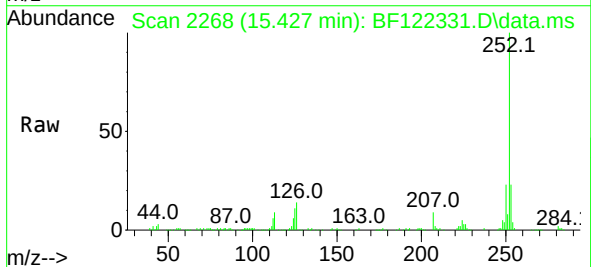
#88
Benzo(b)fluoranthene
Concen: 4.73 ng m
RT: 15.062 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10



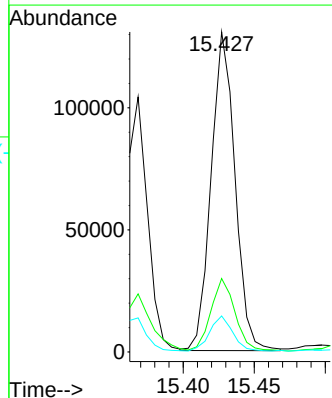
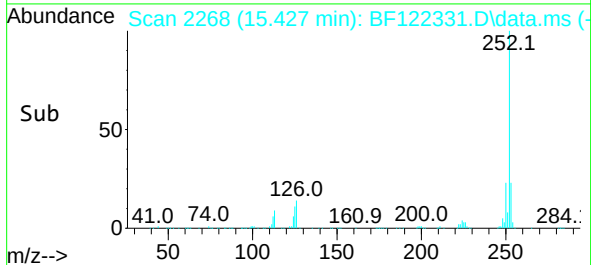
Tgt Ion:252 Resp: 224529
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 9.9 8.0 12.0



#90
Benzo(a)pyrene
Concen: 3.69 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BF122331.D
Acq: 13 Nov 2020 16:10



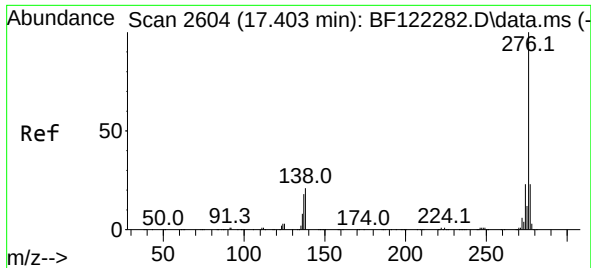
Tgt Ion:252 Resp: 152646
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 11.3 8.6 13.0



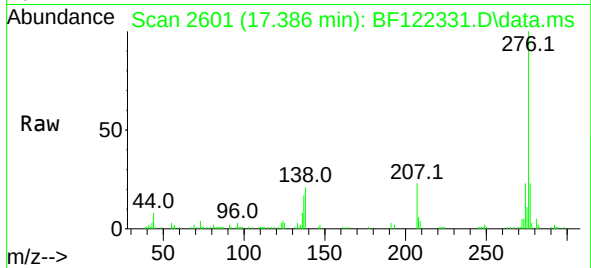
Instrument :
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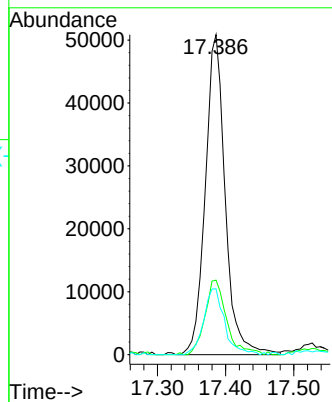
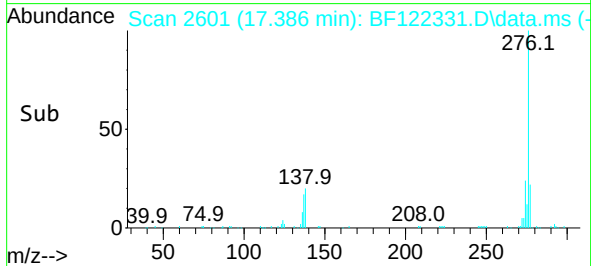
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#92
 Benzo(g,h,i)perylene
 Concen: 2.88 ng
 RT: 17.386 min Scan# 2601
 Delta R.T. -0.017 min
 Lab File: BF122331.D
 Acq: 13 Nov 2020 16:10



Tgt Ion: 276 Resp: 103154
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.4 29.2
 138 20.6 17.8 26.6



Instrument :
 BNA_F
 ClientSampleId :
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