

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122447.D
 Acq On : 23 Nov 2020 15:11
 Operator : JU/CG
 Sample : L4836-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08

Manual Integrations
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Quant Time: Nov 23 15:39:22 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	193067	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	721272	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	391651	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	714806	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	616576	20.00	ng	-0.01
86) Perylene-d12	15.521	264	540380	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1255271	99.83	ng	0.00
7) Phenol-d6	6.498	99	1589550	96.64	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1019261	86.51	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	497530	118.36	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1849721	73.79	ng	0.00
79) Terphenyl-d14	12.986	244	1971262	67.73	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.504	94	132308	8.17	ng	91
50) Dimethylphthalate	9.622	163	80965	2.91	ng	98
71) Phenanthrene	11.416	178	194842	4.80	ng	99
75) Fluoranthene	12.610	202	417690	9.87	ng	97
78) Pyrene	12.839	202	447018	10.32	ng	99
81) Benzo(a)anthracene	14.027	228	241008	6.29	ng	98
83) Chrysene	14.063	228	219504	5.68	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	100975	3.11	ng	99
88) Benzo(b)fluoranthene	15.086	252	235384m	6.73	ng	
89) Benzo(k)fluoranthene	15.110	252	76379m	2.24	ng	
90) Benzo(a)pyrene	15.451	252	175261	5.74	ng	98
92) Benzo(g,h,i)perylene	17.427	276	106820	4.04	ng	98

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

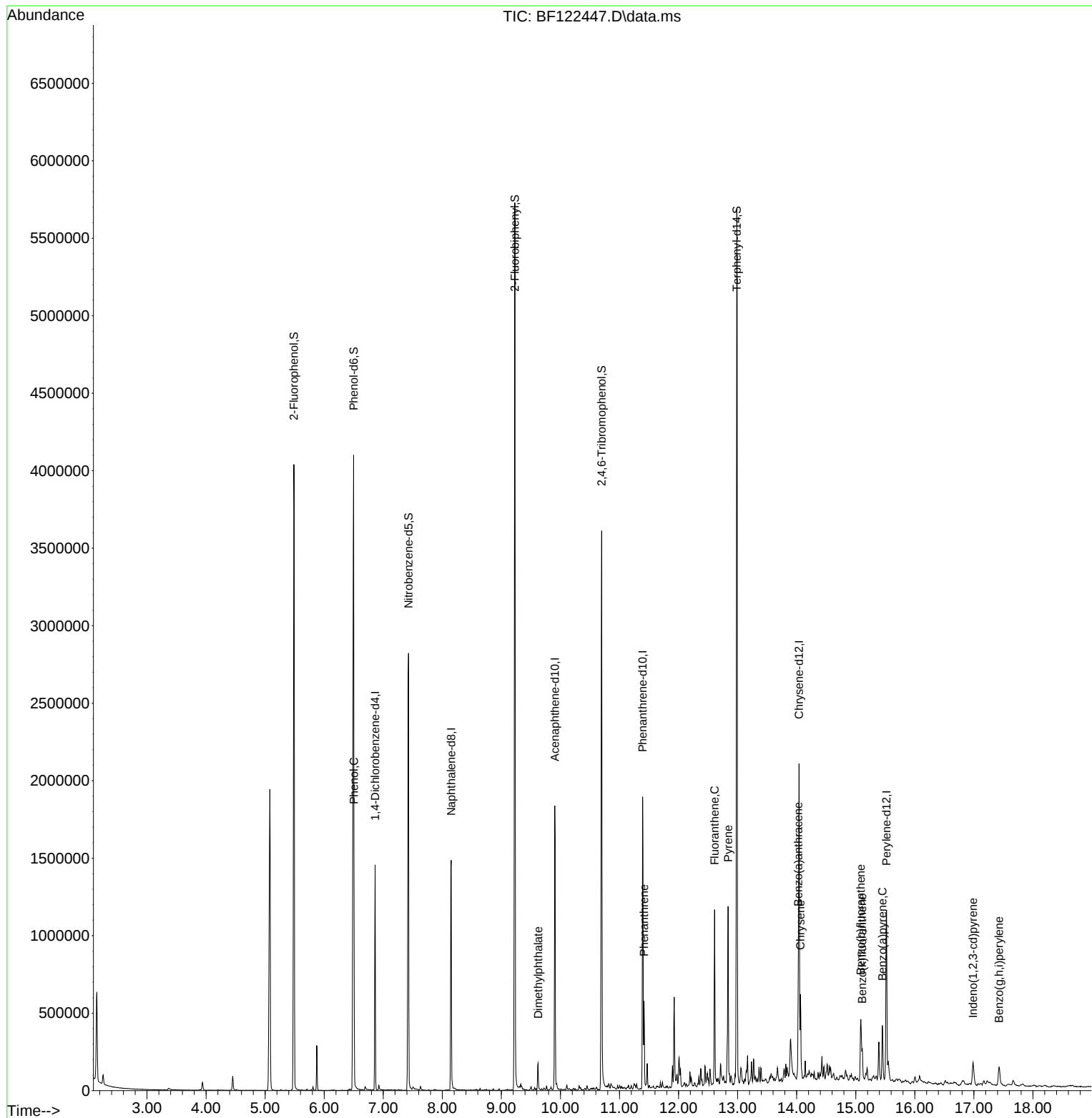
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Data File : BF122447.D
Acq On : 23 Nov 2020 15:11
Operator : JU/CG
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Instrument :
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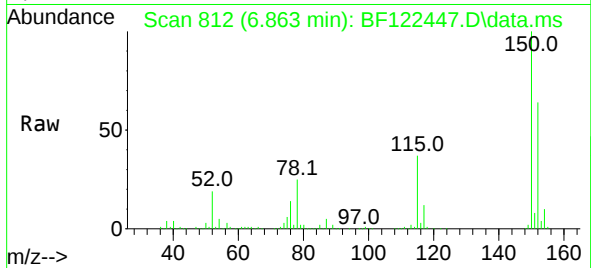
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Quant Time: Nov 23 15:39:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

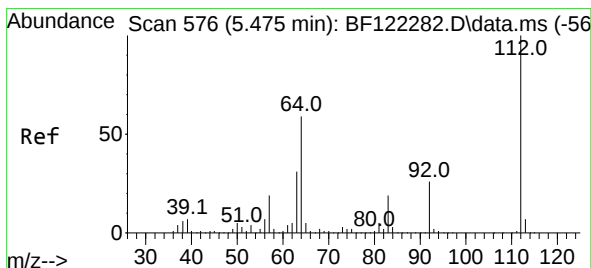
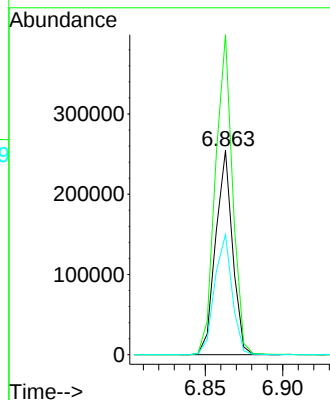
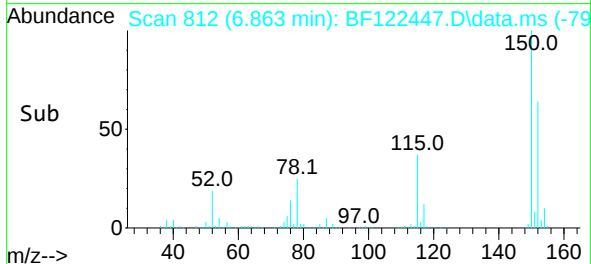




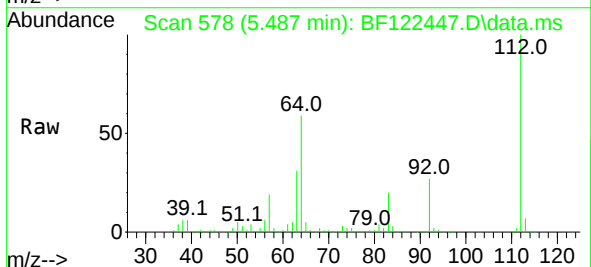
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11



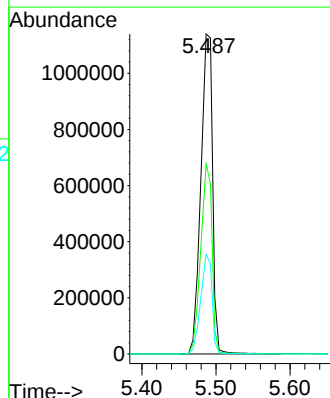
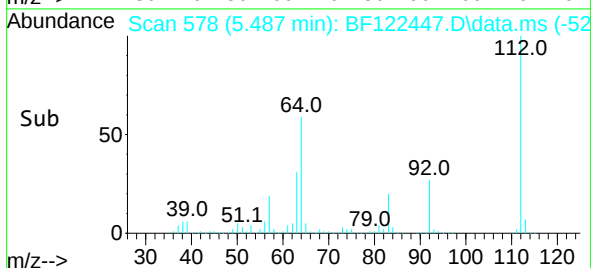
Tgt Ion:152 Resp: 193067
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 58.7 51.9 77.9



#5
2-Fluorophenol
Concen: 99.83 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11



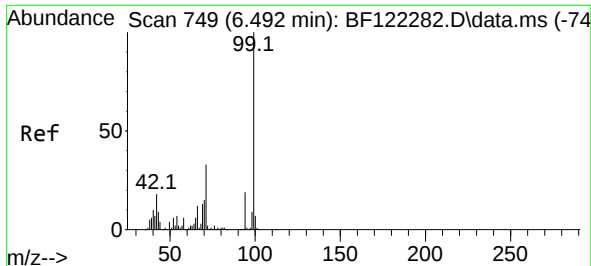
Tgt Ion:112 Resp: 1255271
Ion Ratio Lower Upper
112 100
64 59.3 50.4 75.6
63 31.1 25.8 38.6



Instrument :
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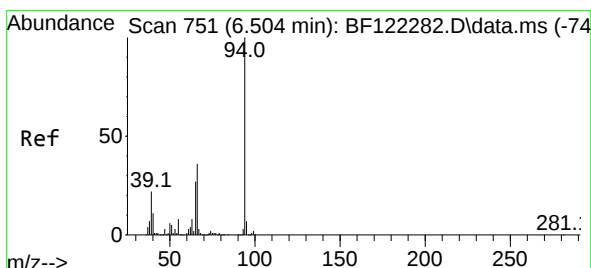
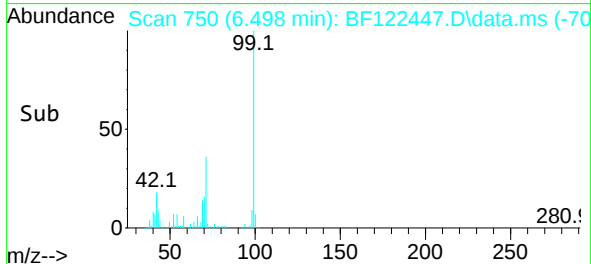
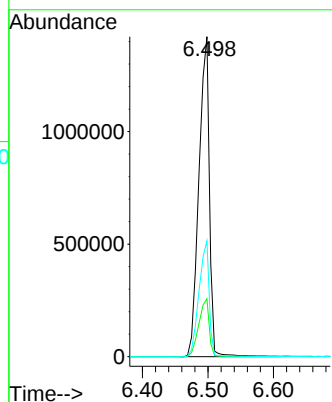
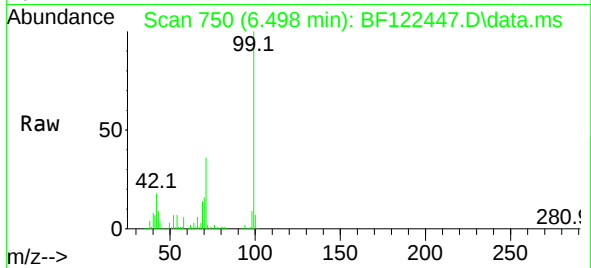
#7
Phenol-d6
Concen: 96.64 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

Tgt Ion: 99 Resp: 1589550
Ion Ratio Lower Upper
99 100
42 18.1 15.9 23.9
71 36.2 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
SB-08

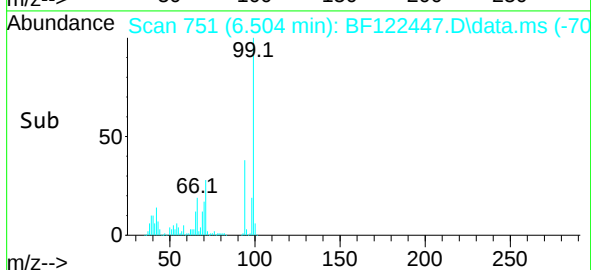
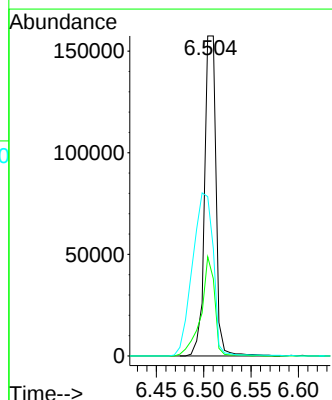
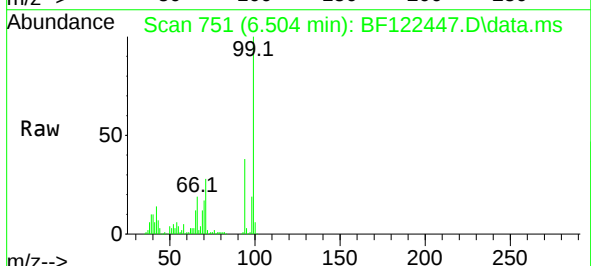
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#10
Phenol
Concen: 8.17 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

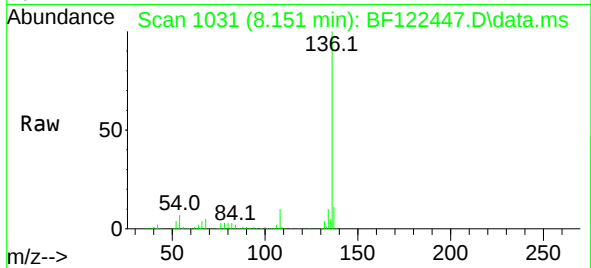
Tgt Ion: 94 Resp: 132308
Ion Ratio Lower Upper
94 100
65 31.0 17.1 57.1
66 49.8 36.0 76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

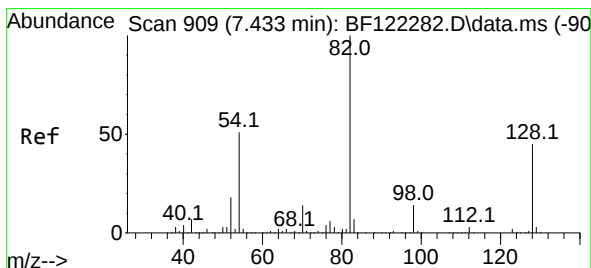
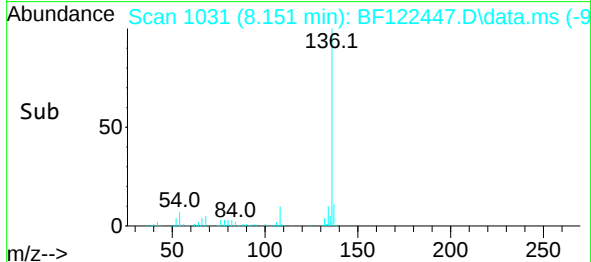
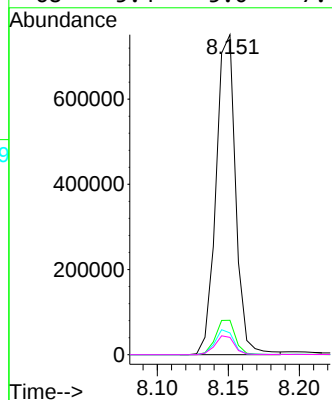
Instrument :
BNA_F
ClientSampled :
SB-08



Tgt Ion:	136	Resp:	721272
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.8	7.1	10.7#
68	5.4	5.0	7.4

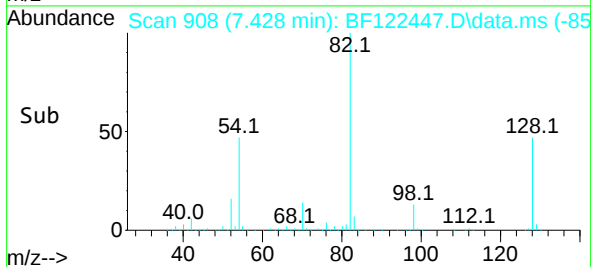
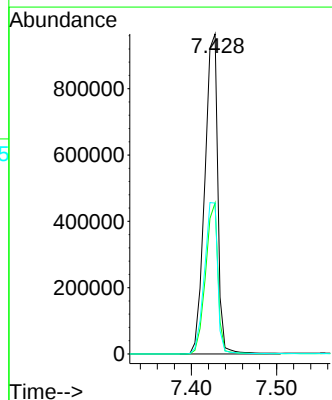
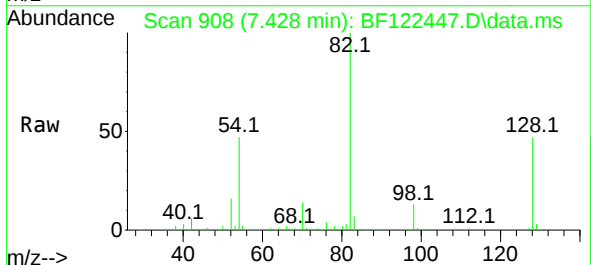
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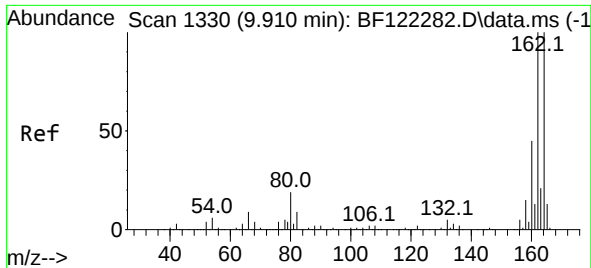
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#23
Nitrobenzene-d5
Concen: 86.51 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

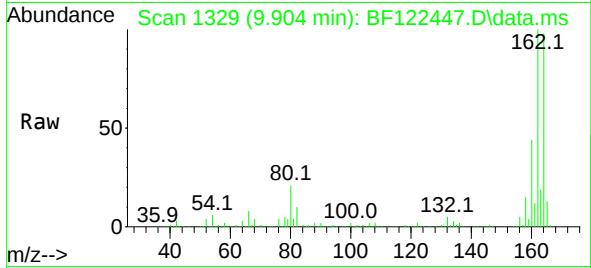
Tgt Ion:	82	Resp:	1019261
Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.0	52.4
54	47.1	43.9	65.9





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

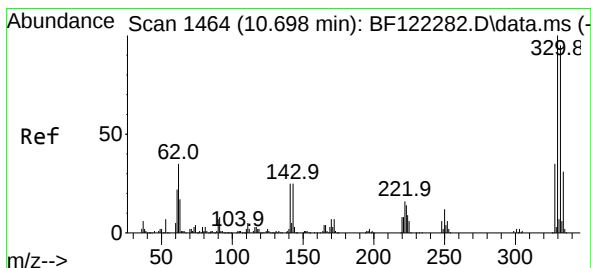
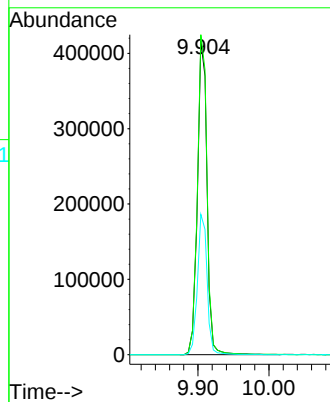
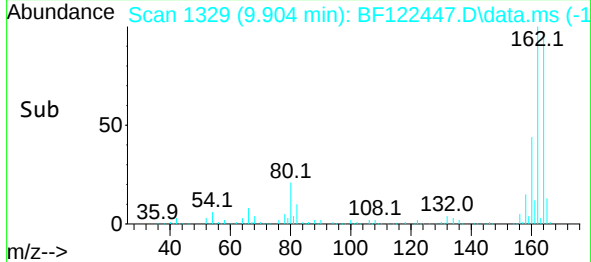
Instrument :
BNA_F
ClientSampled :
SB-08



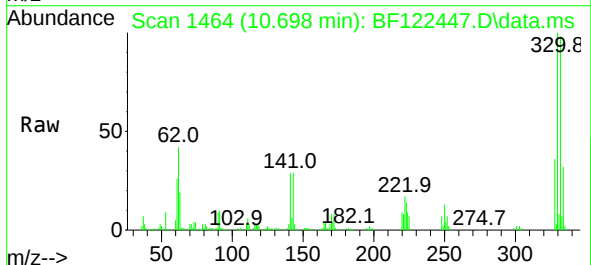
Tgt Ion:164 Resp: 391651
Ion Ratio Lower Upper
164 100
162 102.1 83.2 124.8
160 44.8 37.5 56.3

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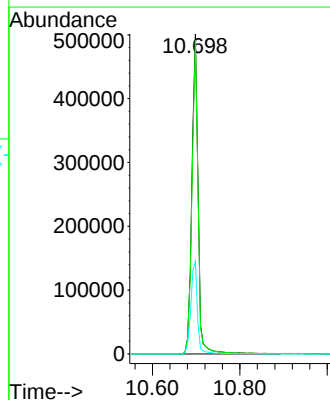
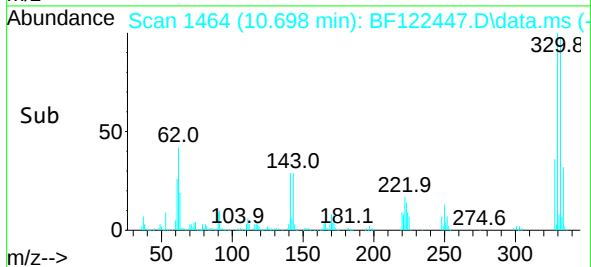
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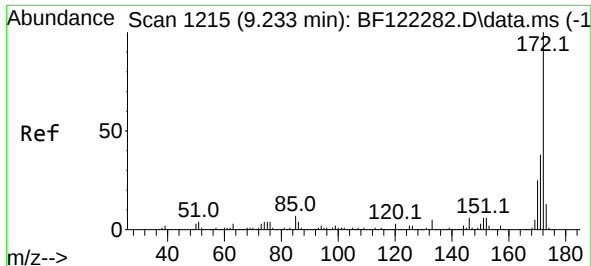


#42
2,4,6-Tribromophenol
Concen: 118.36 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11



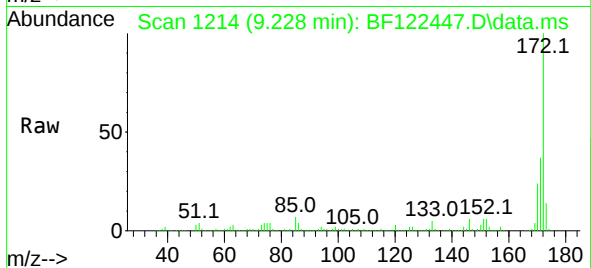
Tgt Ion:330 Resp: 497530
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 30.5 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 73.79 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

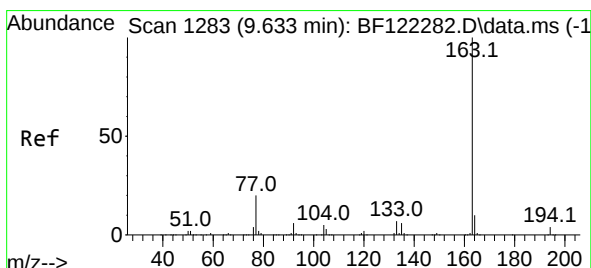
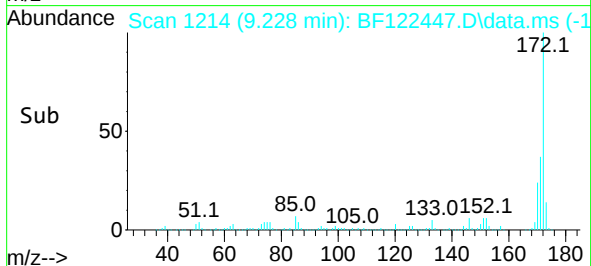
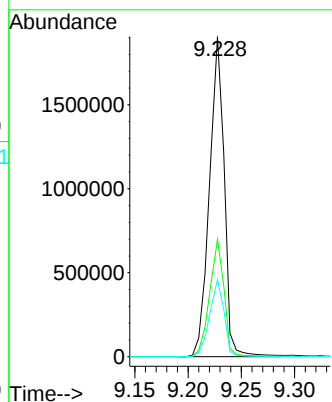
Instrument :
BNA_F
ClientSampled :
SB-08



Tgt Ion:172 Resp: 1849721
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.1 19.8 29.6

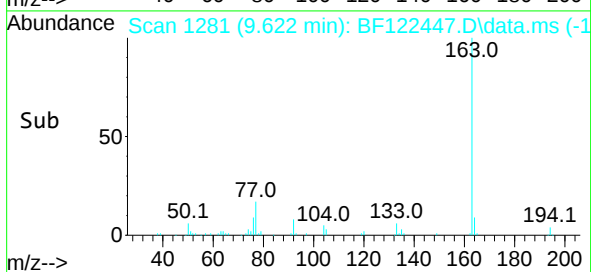
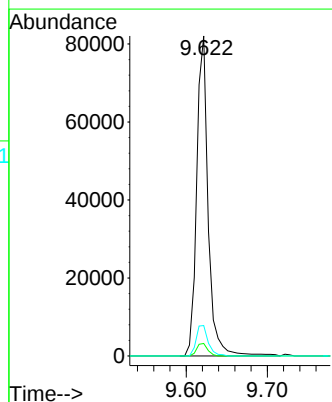
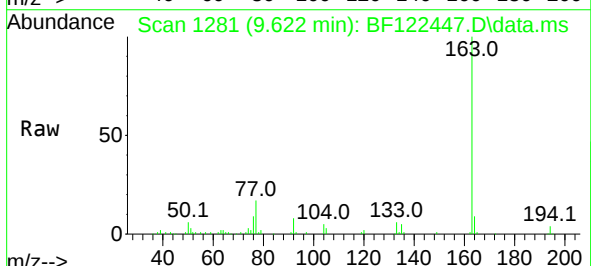
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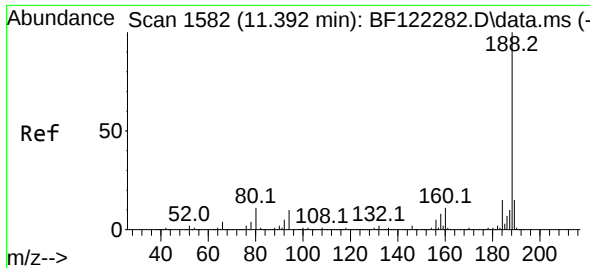
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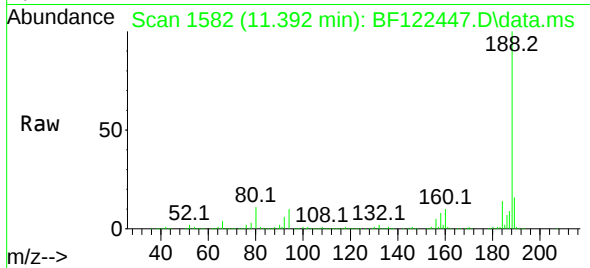
#50
Dimethylphthalate
Concen: 2.91 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

Tgt Ion:163 Resp: 80965
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.5 8.2 12.4

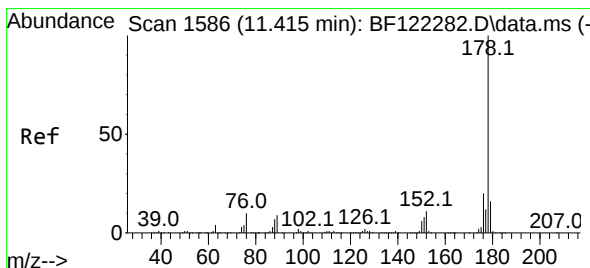
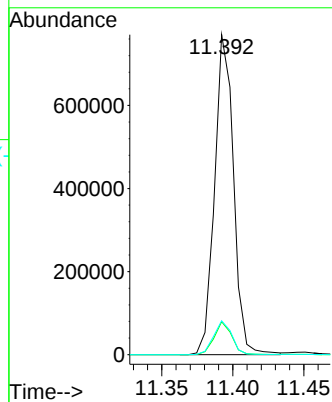
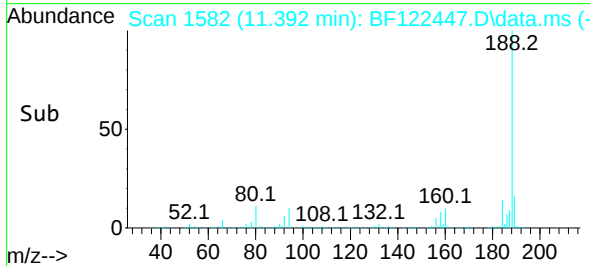




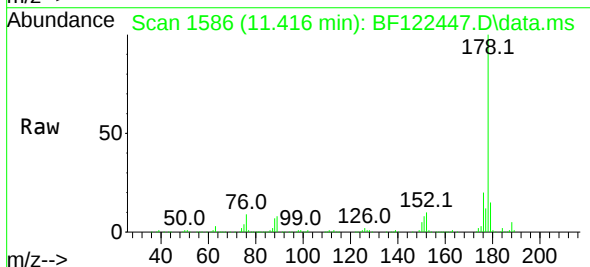
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11



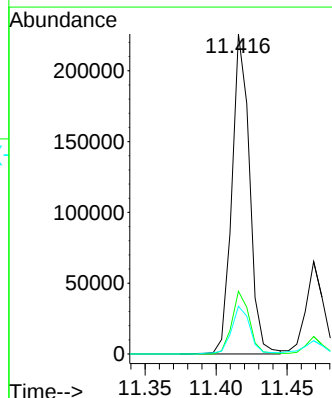
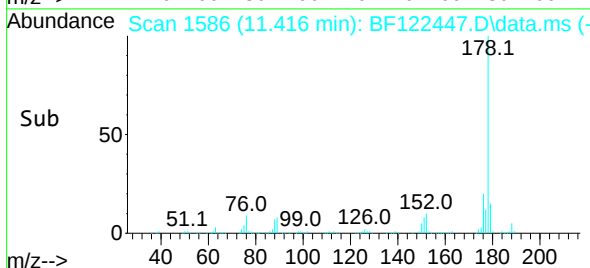
Tgt Ion:188 Resp: 714806
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.6 9.1 13.7



#71
Phenanthrene
Concen: 4.80 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11



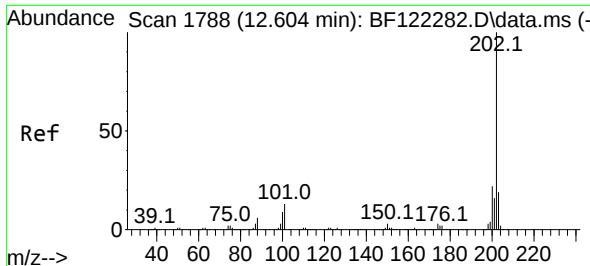
Tgt Ion:178 Resp: 194842
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 14.9 12.2 18.4



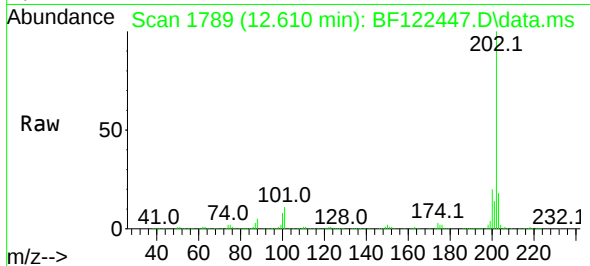
Instrument :
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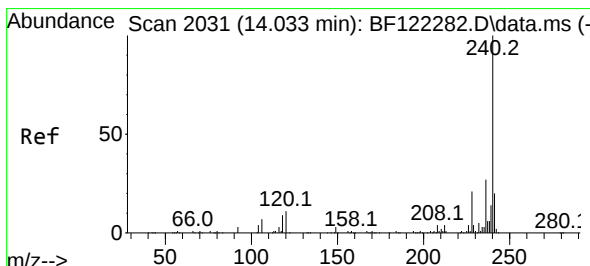
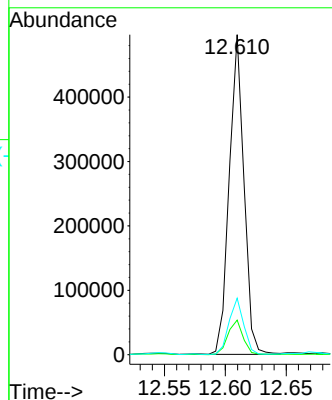
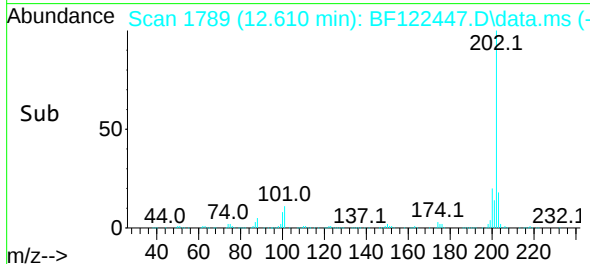
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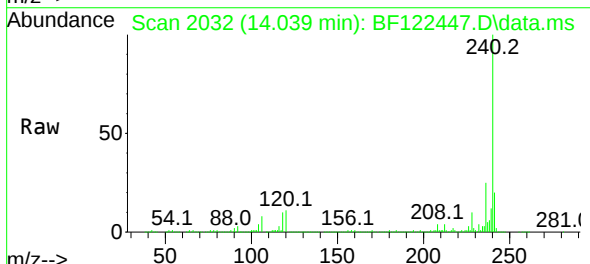
#75
Fluoranthene
Concen: 9.87 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11



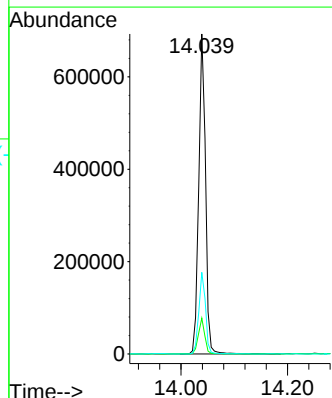
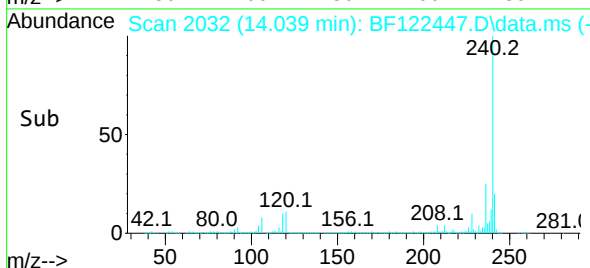
Tgt Ion:202 Resp: 417690
Ion Ratio Lower Upper
202 100
101 10.8 0.0 33.4
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11



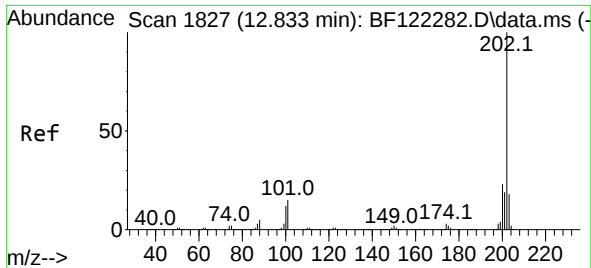
Tgt Ion:240 Resp: 616576
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.5 20.9 31.3



Instrument :
BNA_F
ClientSampleId :
SB-08

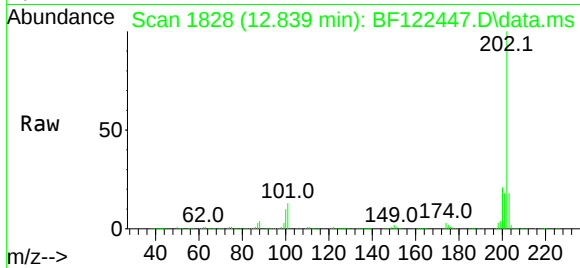
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#78
Pyrene
Concen: 10.32 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

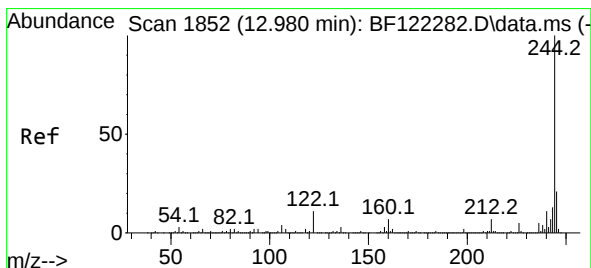
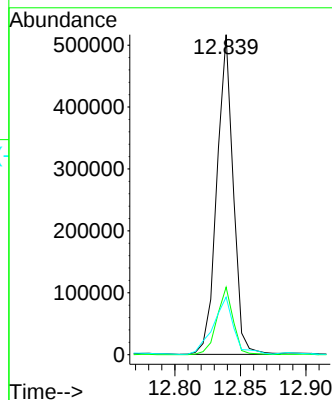
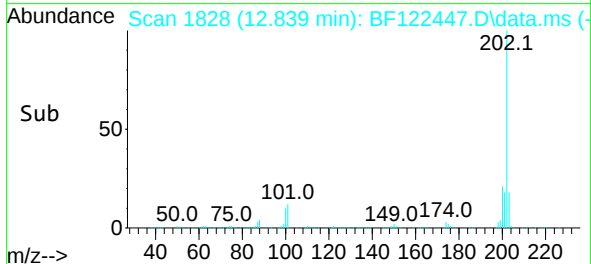
Instrument :
BNA_F
ClientSampled :
SB-08



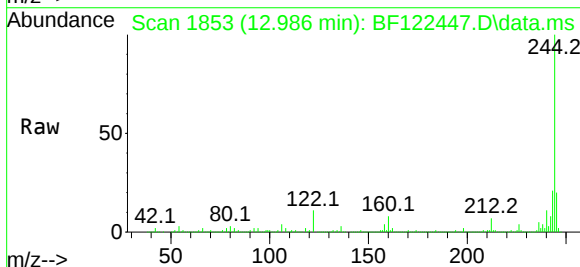
Tgt Ion:202 Resp: 447018
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 18.0 14.6 21.8

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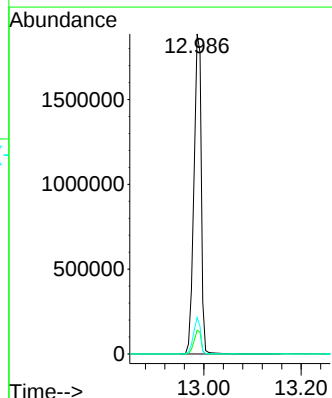
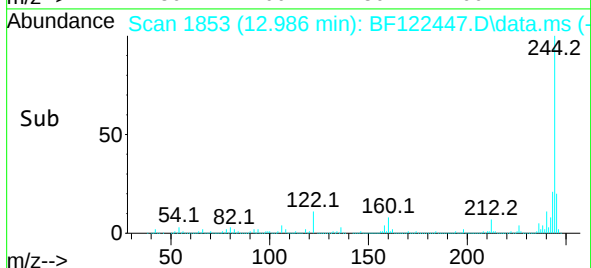
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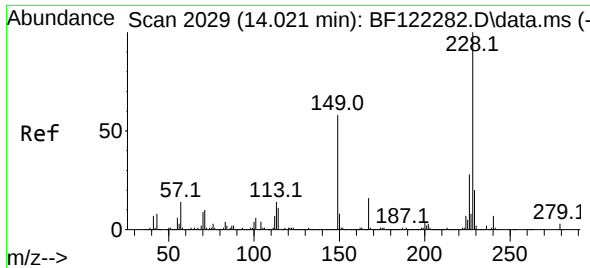


#79
Terphenyl-d14
Concen: 67.73 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

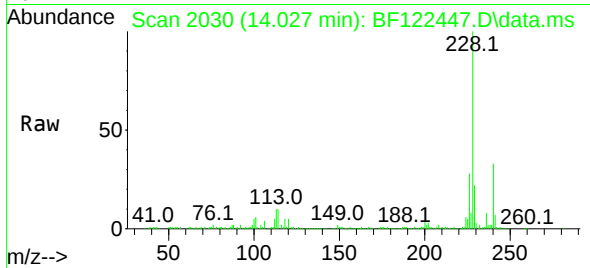


Tgt Ion:244 Resp: 1971262
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 11.4 8.1 12.1





#81
Benzo(a)anthracene
Concen: 6.29 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

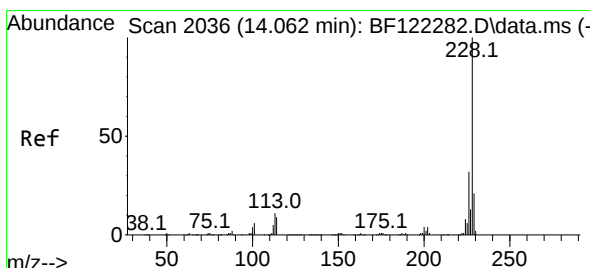
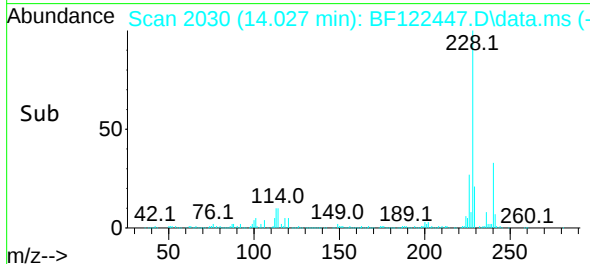
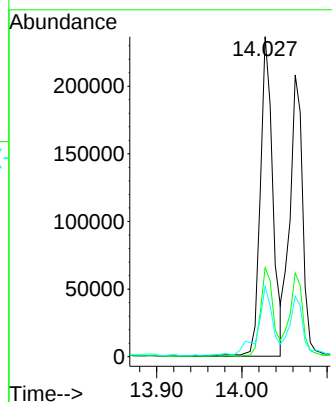


Tgt Ion:228 Resp: 241008
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 21.9 16.2 24.4

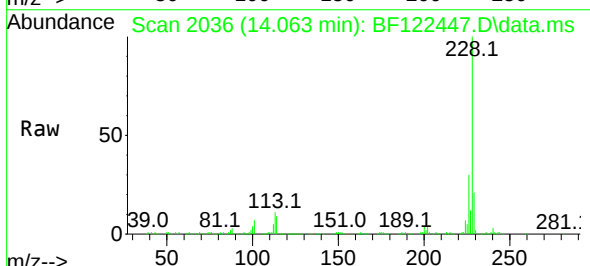
Instrument :
BNA_F
ClientSampled :
SB-08

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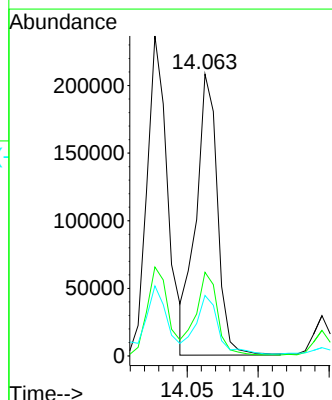
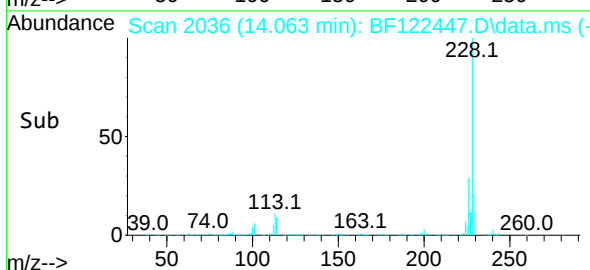
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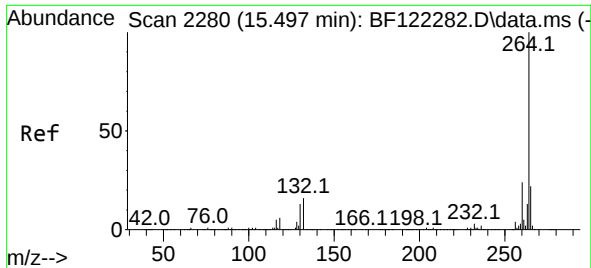


#83
Chrysene
Concen: 5.68 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.018 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11



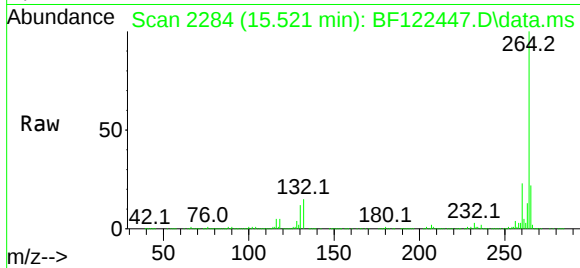
Tgt Ion:228 Resp: 219504
Ion Ratio Lower Upper
228 100
226 29.7 24.6 37.0
229 21.4 15.9 23.9





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.012 min
 Lab File: BF122447.D
 Acq: 23 Nov 2020 15:11

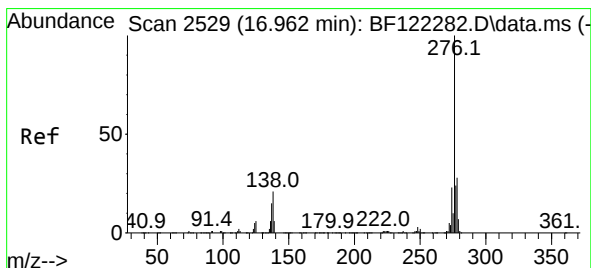
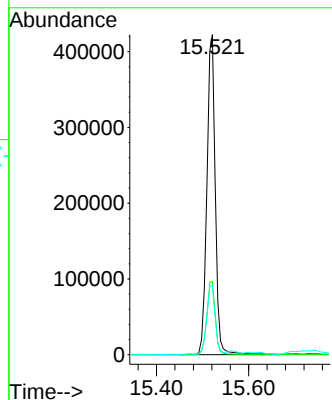
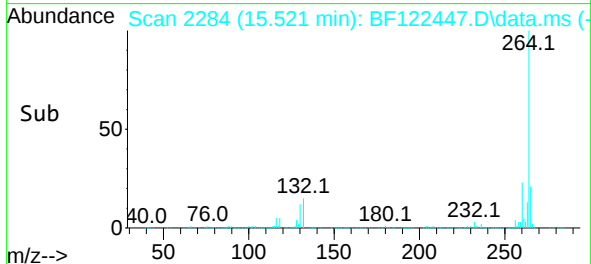
Instrument :
 BNA_F
 ClientSampled :
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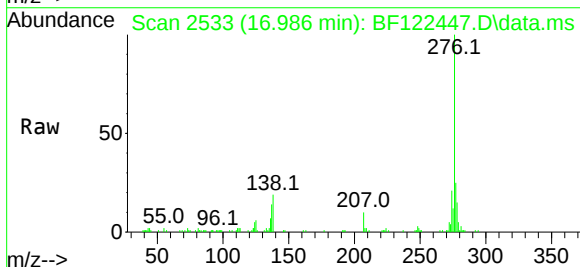
Tgt Ion:264 Resp: 540380
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 21.5 17.3 25.9

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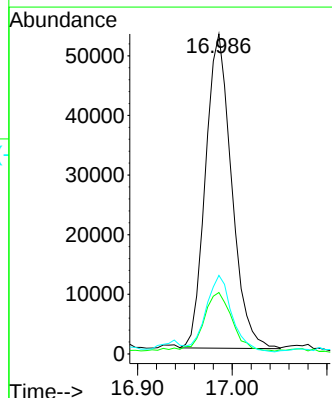
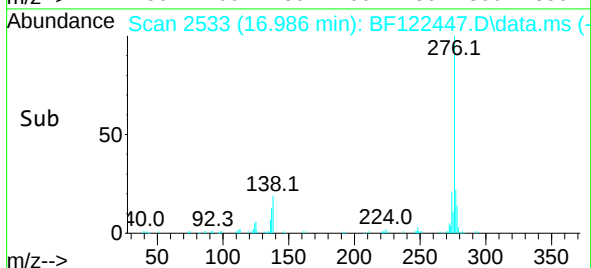
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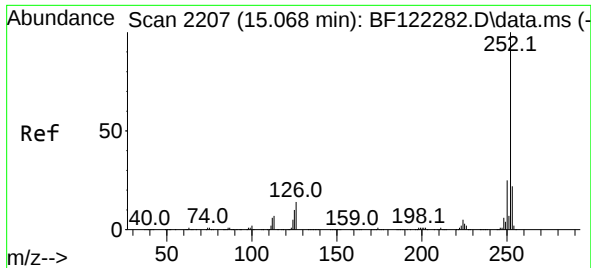


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.11 ng
 RT: 16.986 min Scan# 2533
 Delta R.T. -0.035 min
 Lab File: BF122447.D
 Acq: 23 Nov 2020 15:11



Tgt Ion:276 Resp: 100975
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.9 29.9
 277 24.7 20.4 30.6





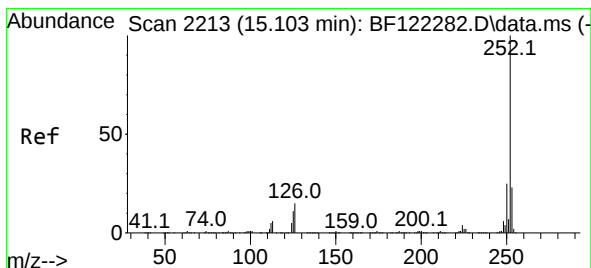
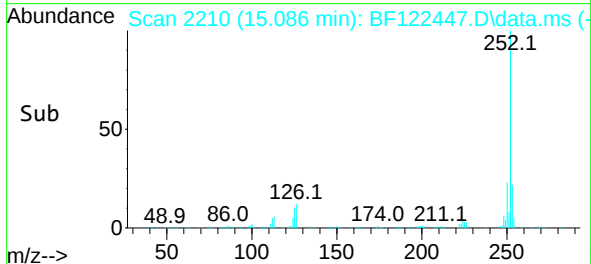
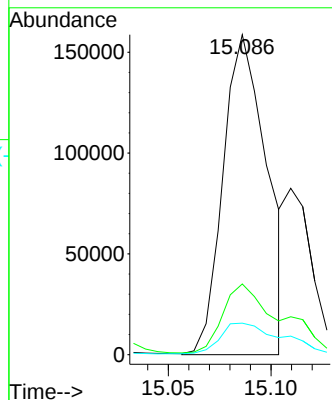
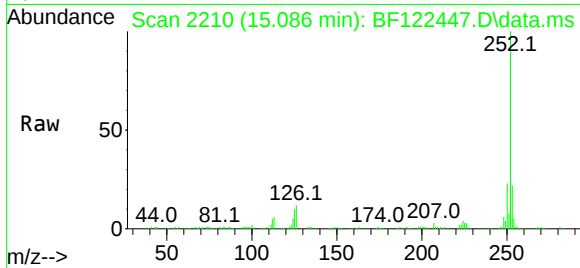
#88
Benzo(b)fluoranthene
Concen: 6.73 ng m
RT: 15.086 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

Tgt Ion:252 Resp: 235384
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 9.9 8.0 12.0

Instrument :
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ClientSampled :
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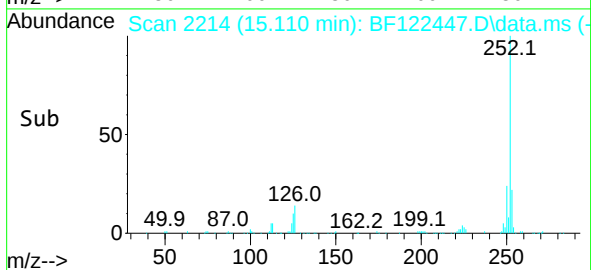
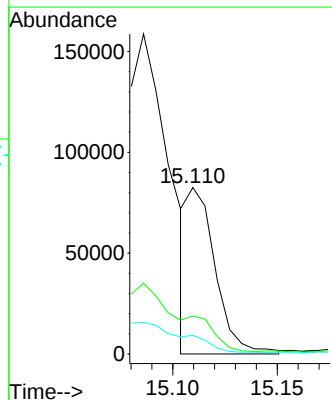
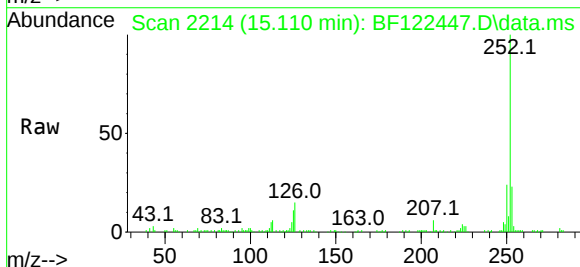
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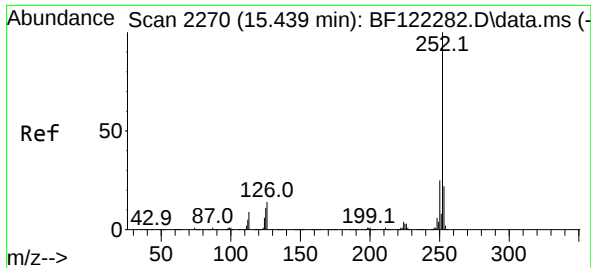
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#89
Benzo(k)fluoranthene
Concen: 2.24 ng m
RT: 15.110 min Scan# 2214
Delta R.T. -0.024 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

Tgt Ion:252 Resp: 76379
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.1 7.7 11.5





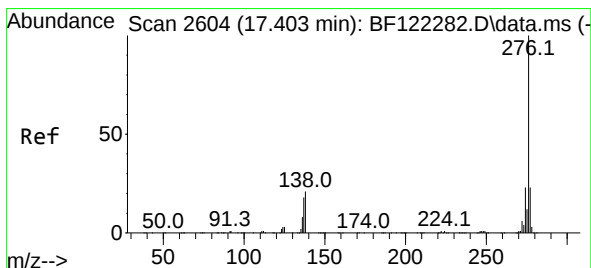
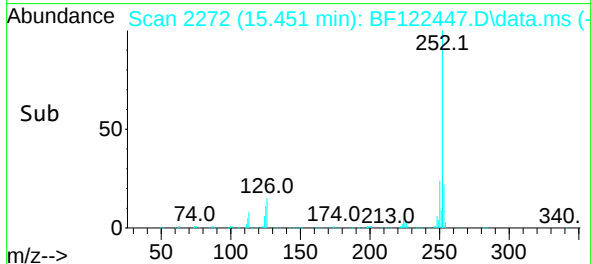
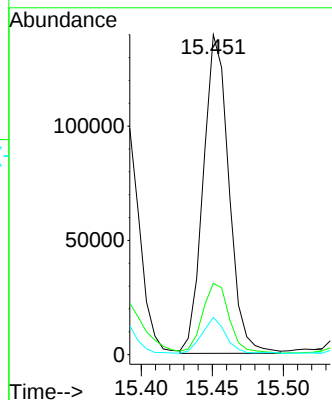
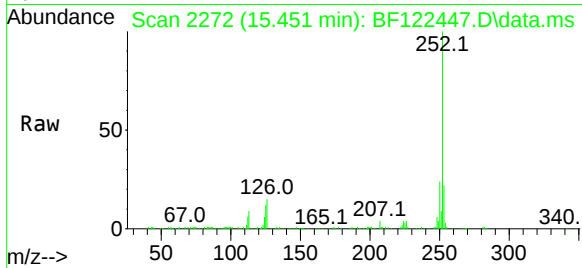
#90
Benzo(a)pyrene
Concen: 5.74 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.024 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

Tgt Ion:252 Resp: 175261
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.7 8.6 13.0

Instrument :
BNA_F
ClientSampleId :
SB-08

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#92
Benzo(g,h,i)perylene
Concen: 4.04 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.041 min
Lab File: BF122447.D
Acq: 23 Nov 2020 15:11

Tgt Ion:276 Resp: 106820
Ion Ratio Lower Upper
276 100
277 24.7 19.4 29.2
138 20.9 17.8 26.6

