

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124246.D
 Acq On : 10 Jun 2021 22:33
 Operator : JU/CG
 Sample : M2651-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(0-4)

Manual Integrations
 APPROVED

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 6/11/2021 2:11:00 PM

Quant Time: Jun 11 01:26:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	33354	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	128623	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	74539	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	130887	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	85777	20.000	ng	0.00
86) Perylene-d12	15.492	264	87557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	137982	62.274	ng	0.00
7) Phenol-d6	6.487	99	183476	61.605	ng	-0.01
23) Nitrobenzene-d5	7.410	82	138010	42.556	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	61929	58.643	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	254664	42.992	ng	0.00
79) Terphenyl-d14	12.957	244	219296	35.101	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.598	163	51483	8.348	ng	# 95
71) Phenanthrene	11.398	178	55555	6.795	ng	97
75) Fluoranthene	12.586	202	76483	8.912	ng	96
78) Pyrene	12.816	202	70339	8.540	ng	98
81) Benzo(a)anthracene	14.004	228	41345	6.616	ng	99
83) Chrysene	14.039	228	27559m	4.571	ng	
87) Indeno(1,2,3-cd)pyrene	16.974	276	16358	6.377	ng	# 92
88) Benzo(b)fluoranthene	15.063	252	47265m	6.949	ng	
90) Benzo(a)pyrene	15.427	252	35542	6.016	ng	# 87
91) Dibenzo(a,h)anthracene	16.968	278	5385	4.965	ng	# 93
92) Benzo(g,h,i)perylene	17.427	276	12709m	5.714	ng	

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

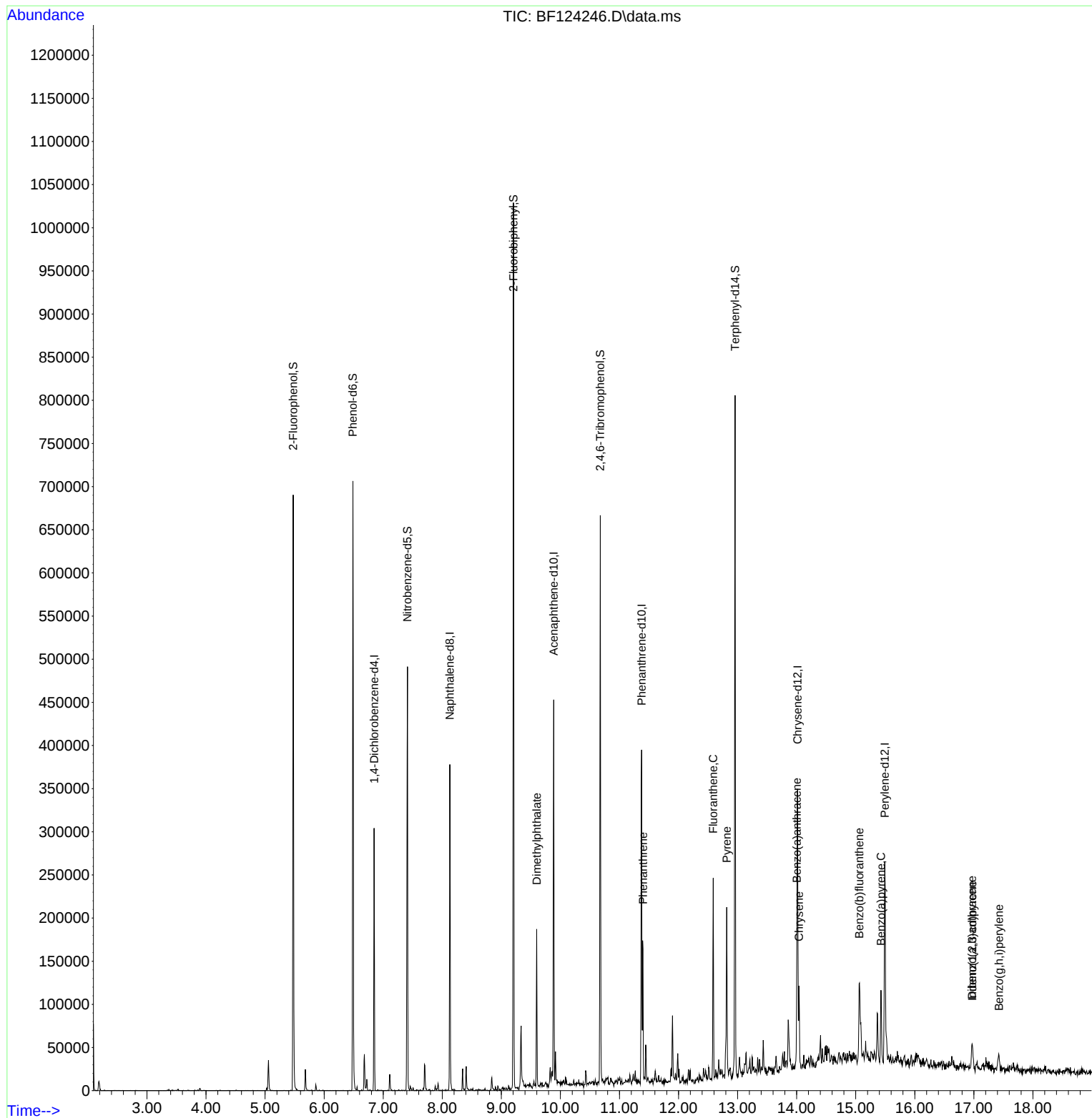
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Data File : BF124246.D
Acq On : 10 Jun 2021 22:33
Operator : JU/CG
Sample : M2651-04
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ALS Vial : 12 Sample Multiplier: 1

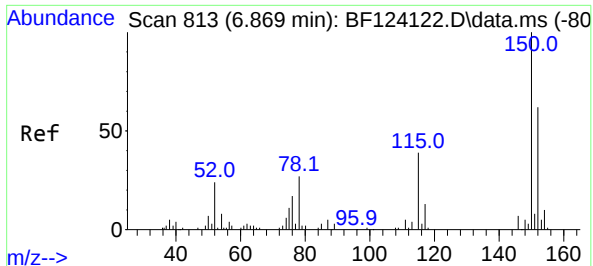
Instrument :
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ClientSampleId :
17-B6(0-4)

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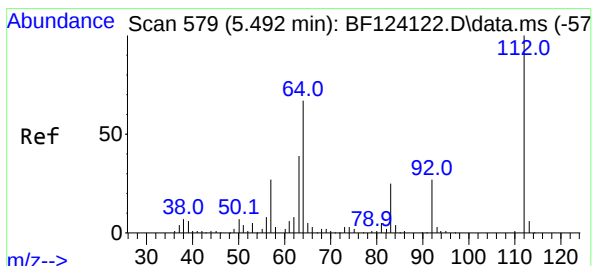
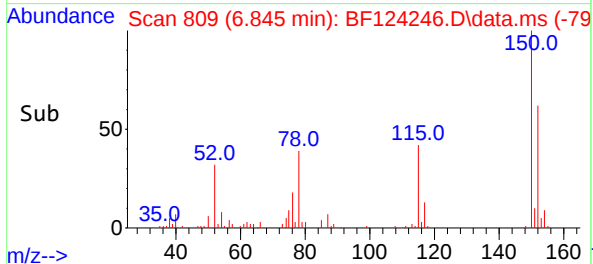
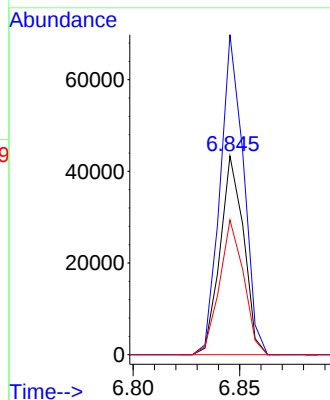
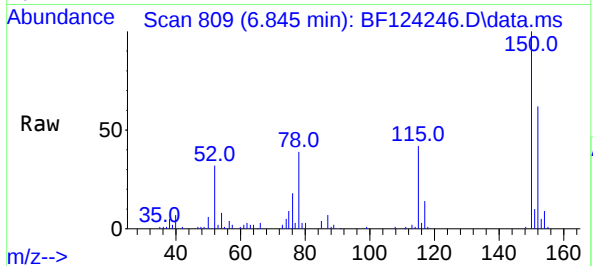
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:152 Resp: 33354
Ion Ratio Lower Upper
152 100
150 161.1 127.0 190.6
115 67.8 54.3 81.5

Instrument :
BNA_F
ClientSampled :
17-B6(0-4)

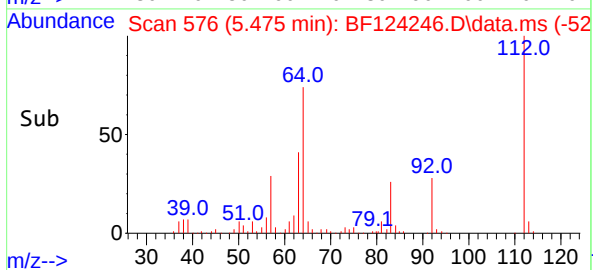
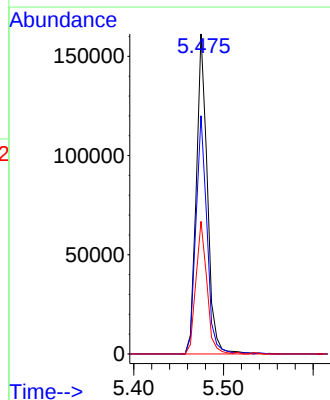
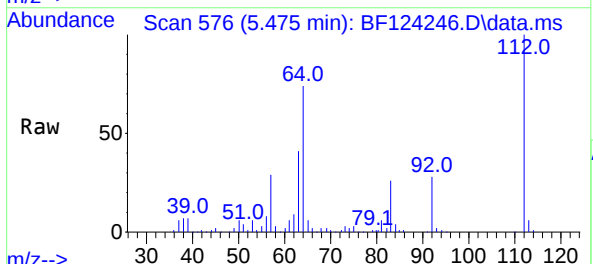
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#5
2-Fluorophenol
Concen: 62.274 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:112 Resp: 137982
Ion Ratio Lower Upper
112 100
64 74.4 61.4 92.0
63 41.5 33.0 49.4





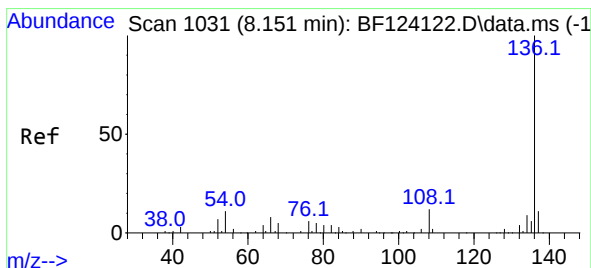
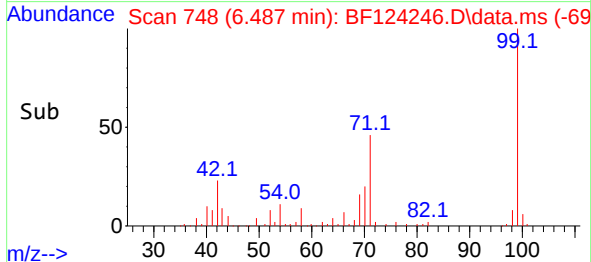
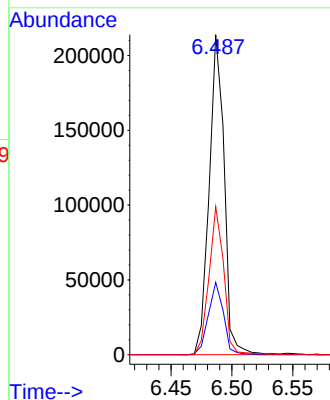
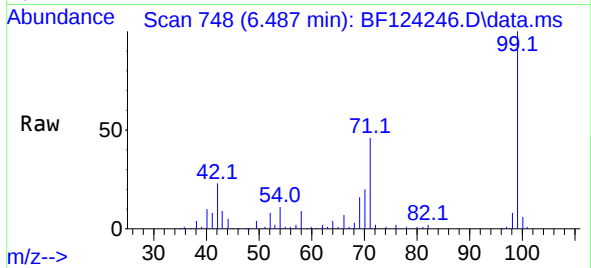
#7
Phenol-d6
Concen: 61.605 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:	99	Resp:	183476
Ion	Ratio	Lower	Upper
99	100		
42	22.6	19.8	29.8
71	46.2	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)

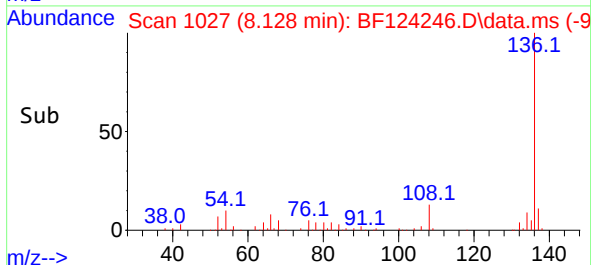
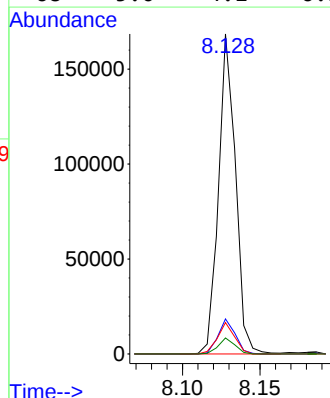
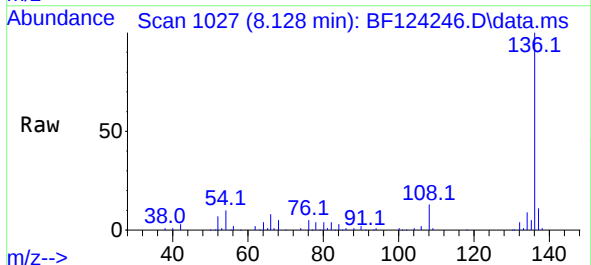
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

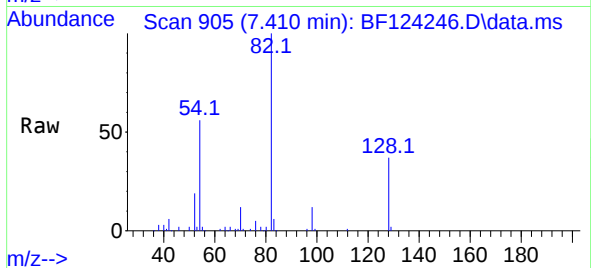
Tgt Ion:	136	Resp:	128623
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.8	9.8	14.6
68	5.0	4.1	6.1





#23
Nitrobenzene-d5
Concen: 42.556 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

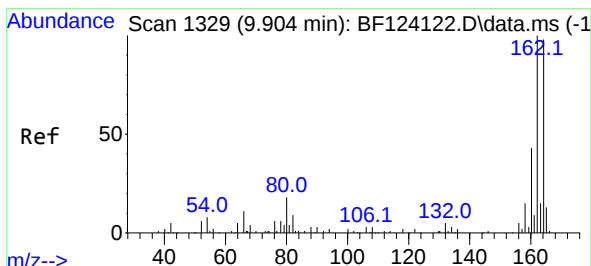
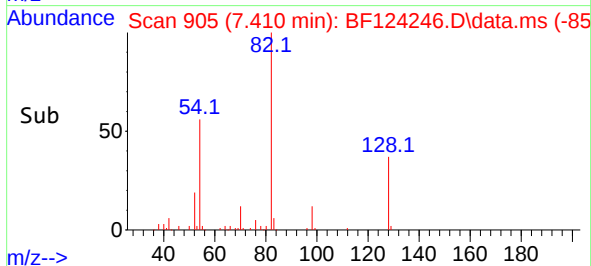
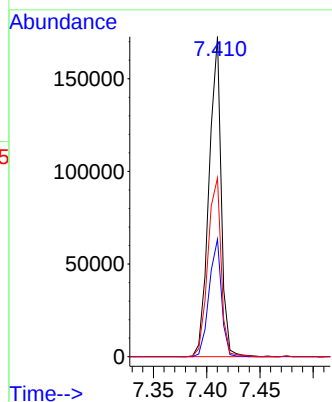
Instrument :
BNA_F
ClientSampled :
17-B6(0-4)



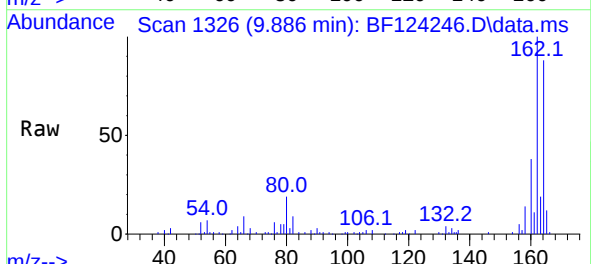
Tgt Ion: 82 Resp: 138010
Ion Ratio Lower Upper
82 100
128 36.7 29.4 44.2
54 55.9 54.1 81.1

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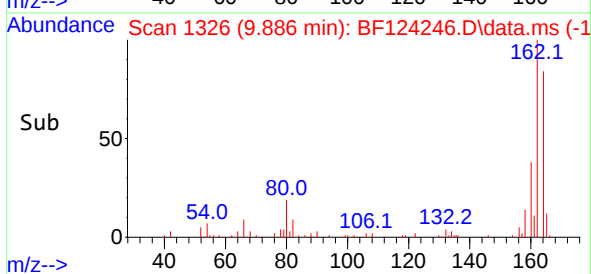
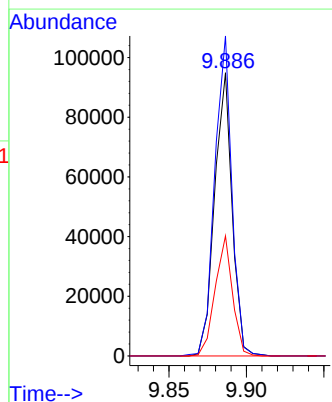
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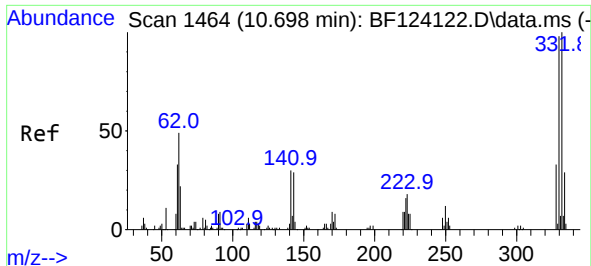


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33



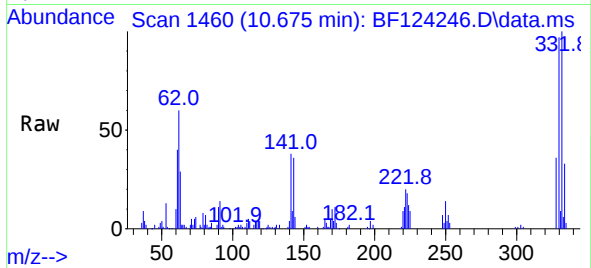
Tgt Ion:164 Resp: 74539
Ion Ratio Lower Upper
164 100
162 113.0 80.7 121.1
160 42.4 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 58.643 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

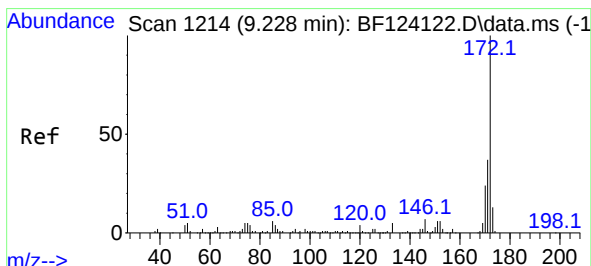
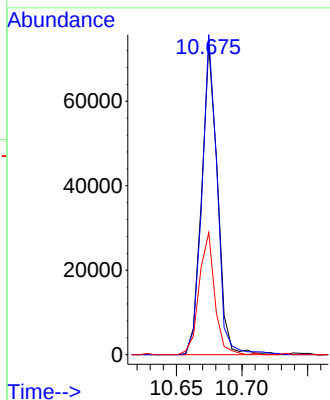
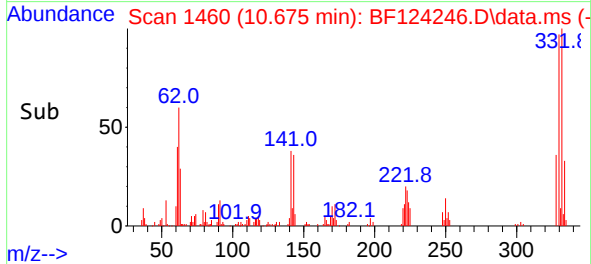
Instrument :
BNA_F
ClientSampled :
17-B6(0-4)



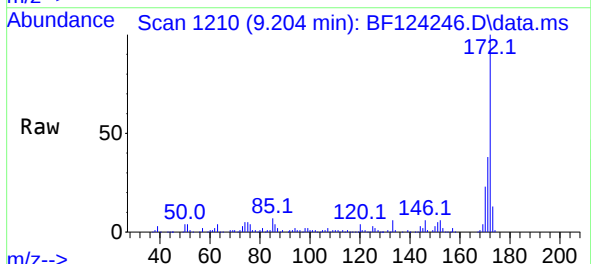
Tgt Ion:330 Resp: 61929
Ion Ratio Lower Upper
330 100
332 98.9 77.1 115.7
141 38.9 27.9 41.9

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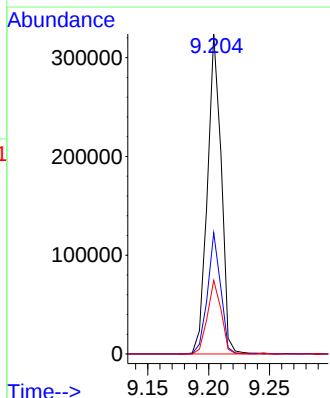
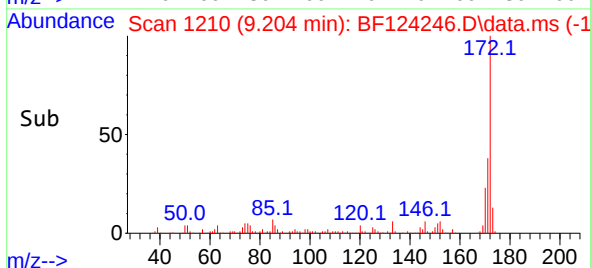
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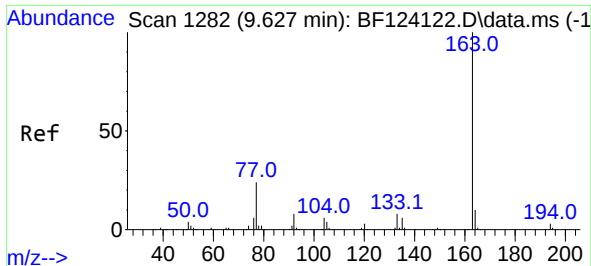


#45
2-Fluorobiphenyl
Concen: 42.992 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33



Tgt Ion:172 Resp: 254664
Ion Ratio Lower Upper
172 100
171 37.9 28.1 42.1
170 23.0 19.2 28.8





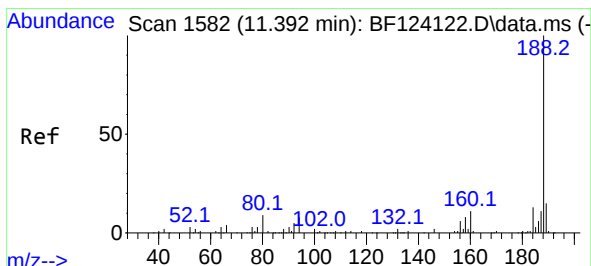
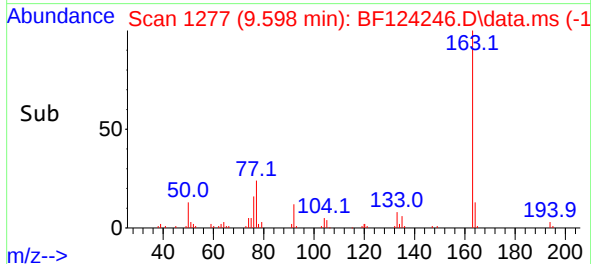
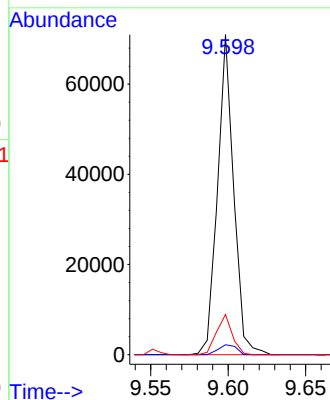
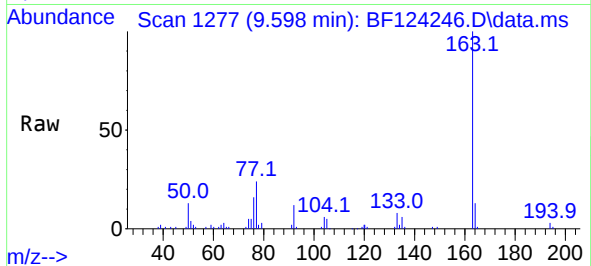
#50
Dimethylphthalate
Concen: 8.348 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.017 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:163 Resp: 51483
Ion Ratio Lower Upper
163 100
194 3.1 3.1 4.7#
164 12.5 8.2 12.2#

Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)

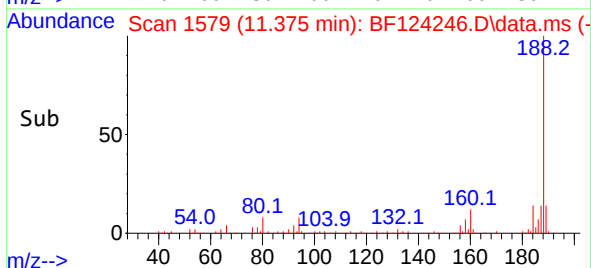
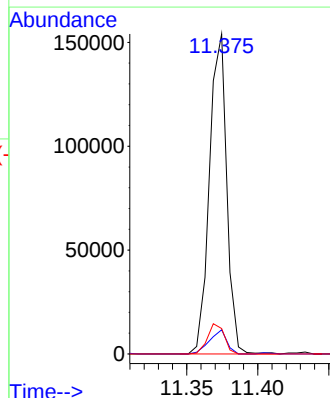
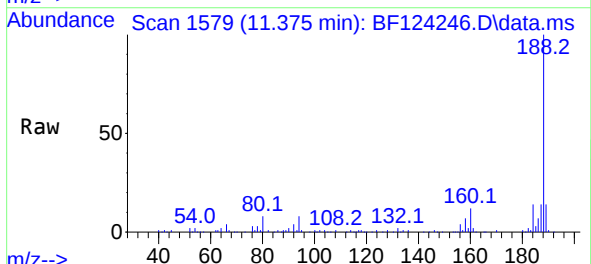
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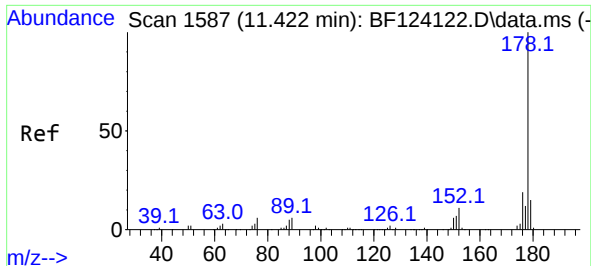
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

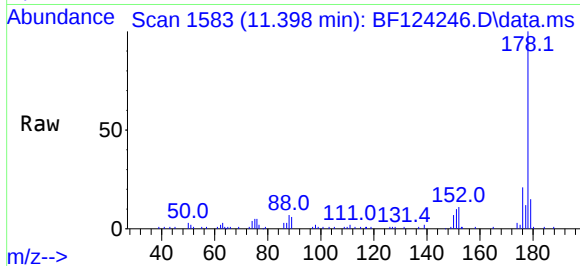
Tgt Ion:188 Resp: 130887
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 7.9 8.2 12.2#





#71
Phenanthrene
Concen: 6.795 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

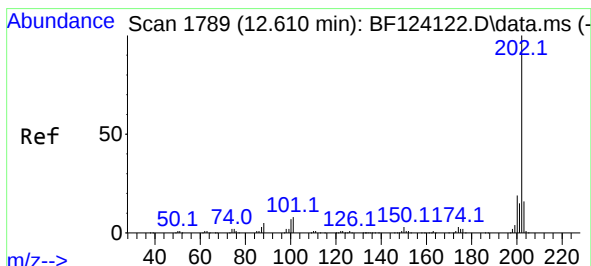
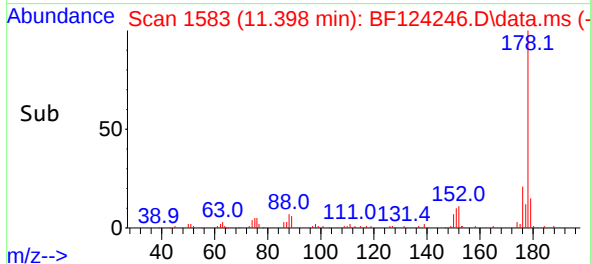
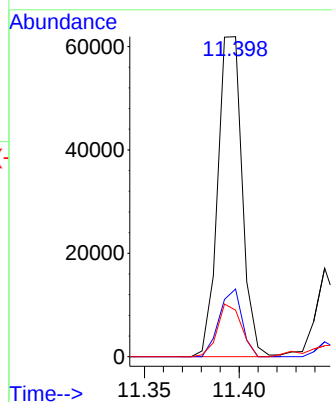
Instrument :
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17-B6(0-4)



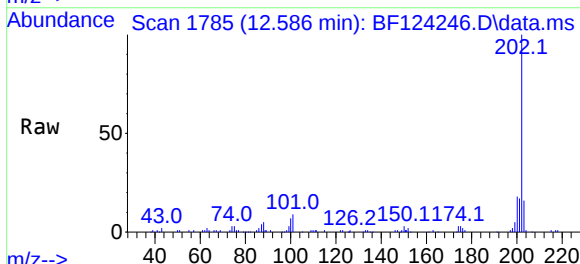
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Ion Ratio Lower Upper
178 100
176 21.2 15.6 23.4
179 14.6 12.5 18.7

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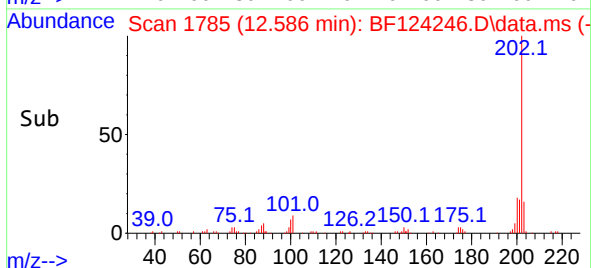
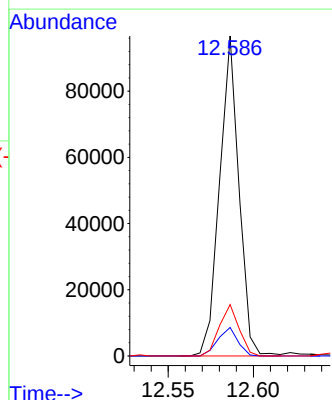
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6/11/2021 2:11:00 PM

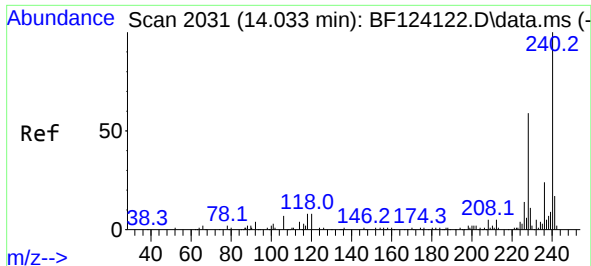


#75
Fluoranthene
Concen: 8.912 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33



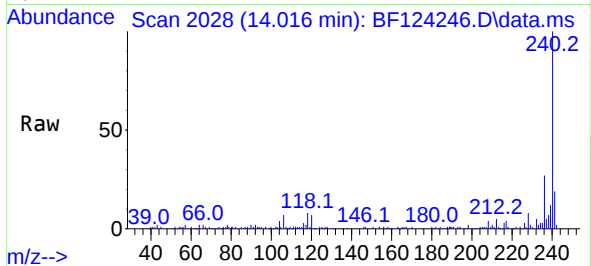
Tgt Ion:202 Resp: 76483
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.9
203 16.0 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

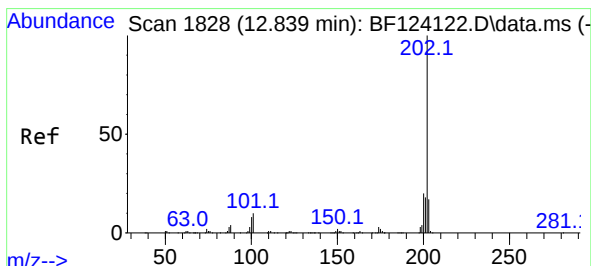
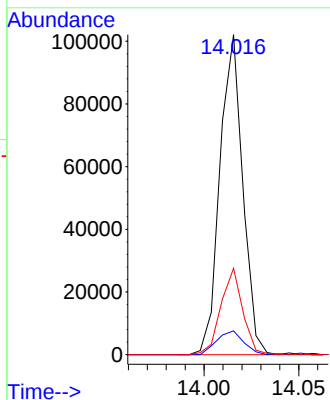
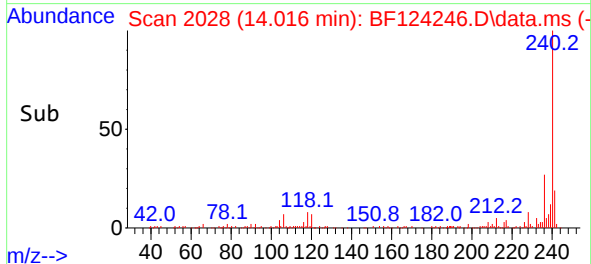
Instrument :
BNA_F
ClientSampled :
17-B6(0-4)



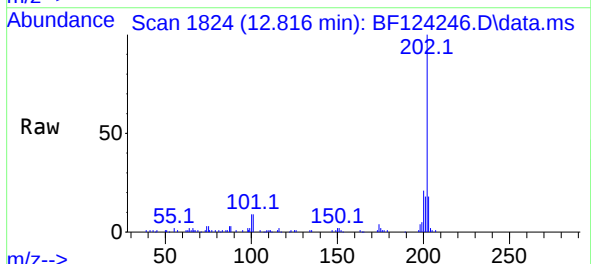
Tgt Ion:240 Resp: 85777
Ion Ratio Lower Upper
240 100
120 7.5 7.2 10.8
236 27.0 19.0 28.4

Manual Integrations
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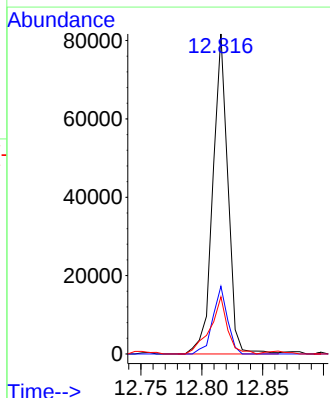
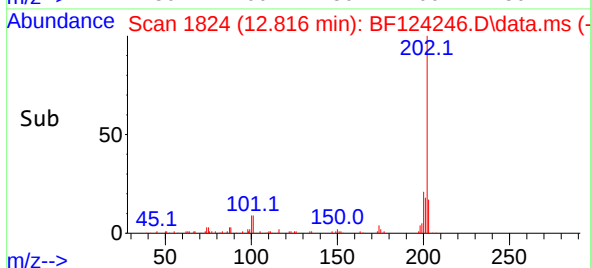
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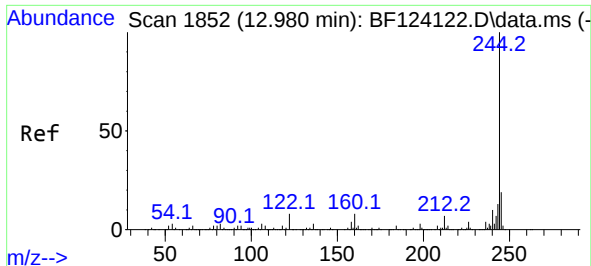


#78
Pyrene
Concen: 8.540 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

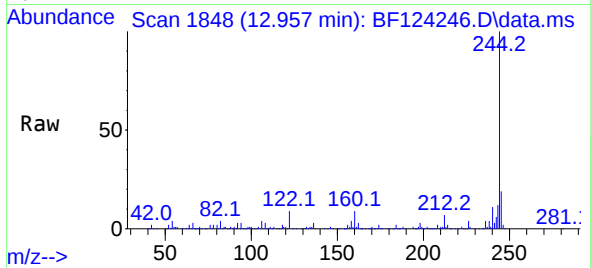


Tgt Ion:202 Resp: 70339
Ion Ratio Lower Upper
202 100
200 21.2 16.1 24.1
203 17.8 14.8 22.2





#79
Terphenyl-d14
Concen: 35.101 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

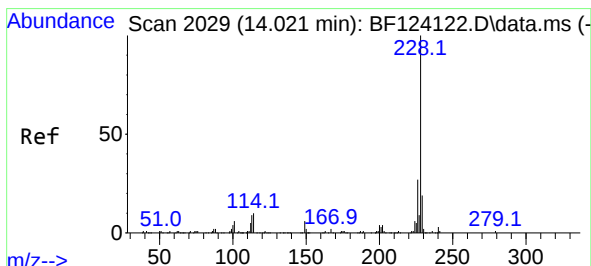
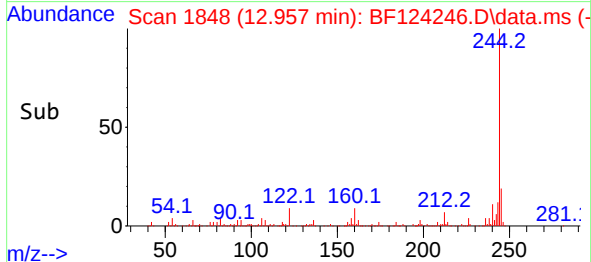
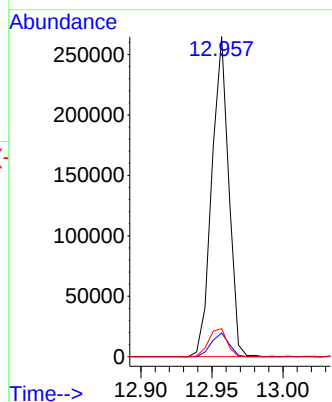


Tgt Ion:244 Resp: 219296
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 8.8 9.7 14.5#

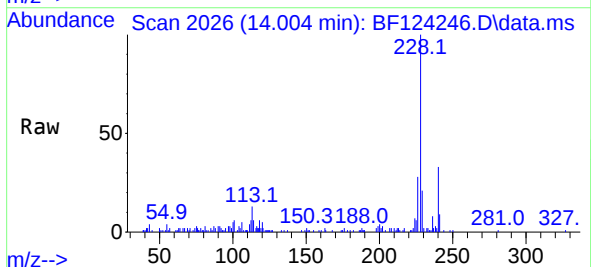
Instrument :
BNA_F
ClientSampleId :
17-B6(0-4)

Manual Integrations
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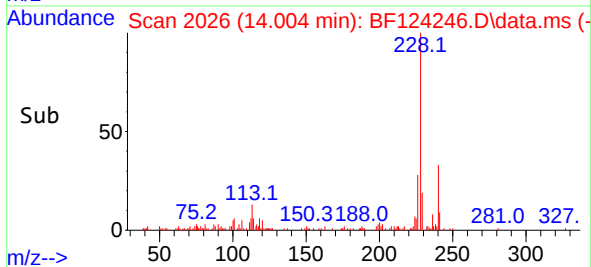
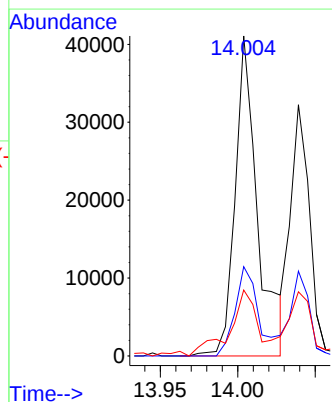
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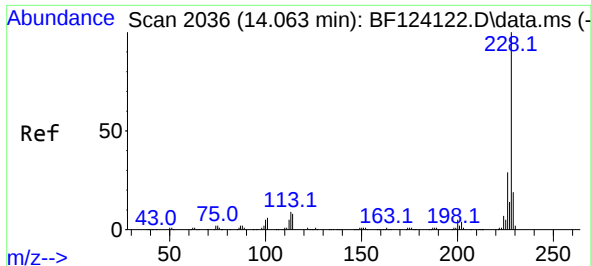


#81
Benzo(a)anthracene
Concen: 6.616 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

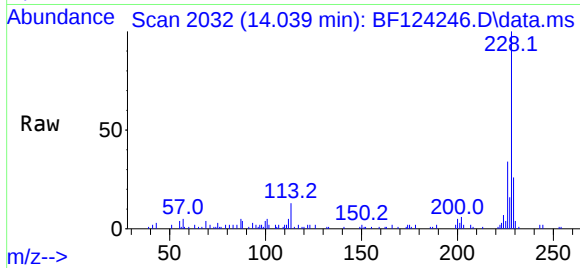


Tgt Ion:228 Resp: 41345
Ion Ratio Lower Upper
228 100
226 27.9 22.4 33.6
229 20.6 16.0 24.0

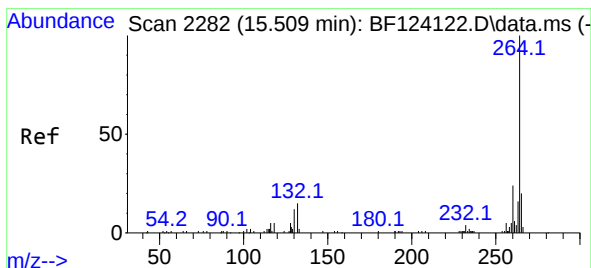
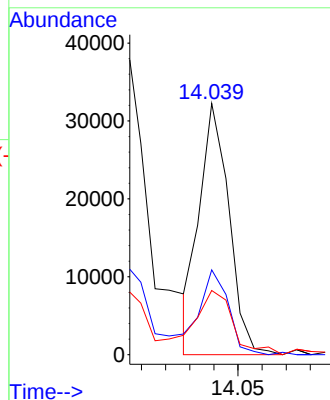
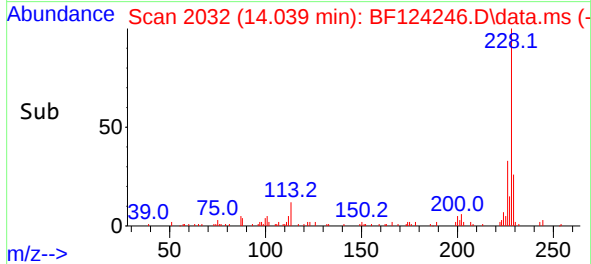




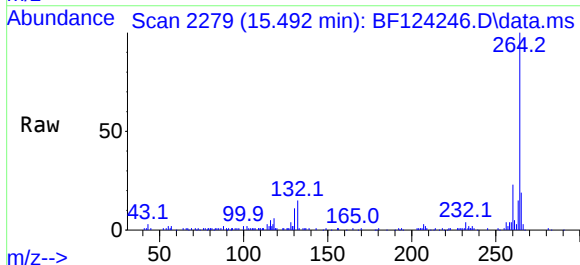
#83
Chrysene
Concen: 4.571 ng m
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33



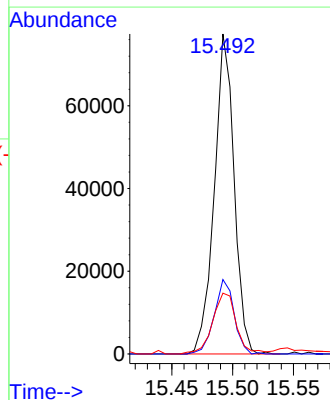
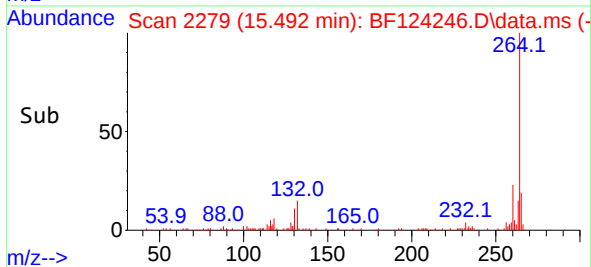
Tgt Ion:228 Resp: 27559
Ion Ratio Lower Upper
228 100
226 33.8 24.3 36.5
229 25.5 16.2 24.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33



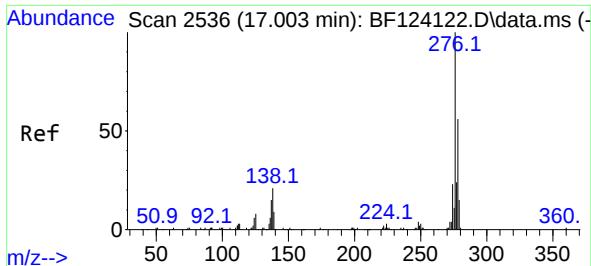
Tgt Ion:264 Resp: 87557
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 19.0 17.8 26.8



Instrument :
BNA_F
ClientSampled :
17-B6(0-4)

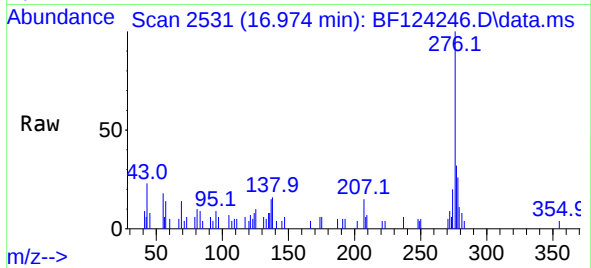
Manual Integrations
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#87
Indeno(1,2,3-cd)pyrene
Concen: 6.377 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

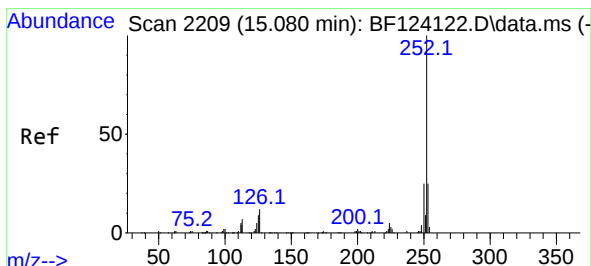
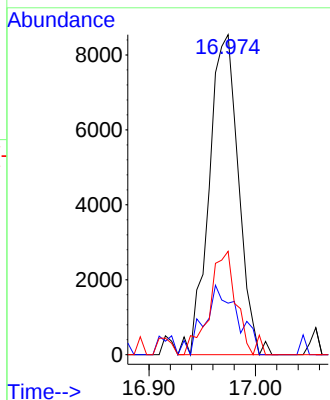
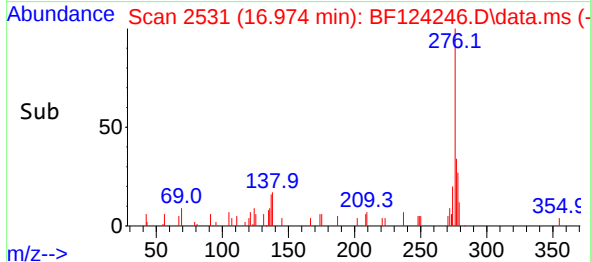
Instrument :
BNA_F
ClientSampled :
17-B6(0-4)



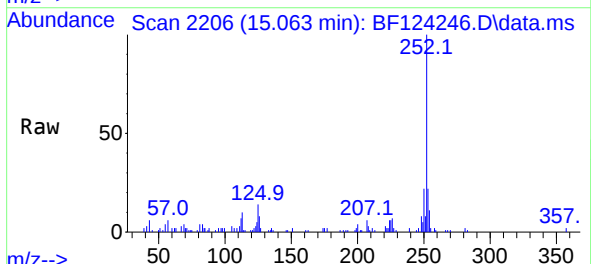
Tgt Ion:276 Resp: 16358
Ion Ratio Lower Upper
276 100
138 24.4 16.2 24.2#
277 28.6 20.1 30.1

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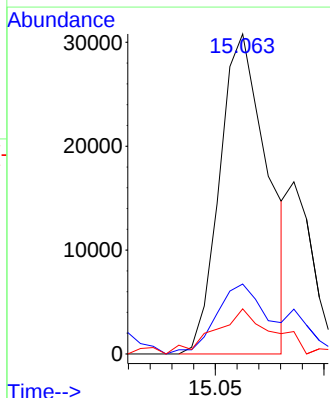
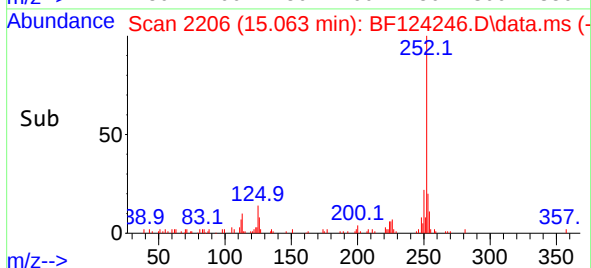
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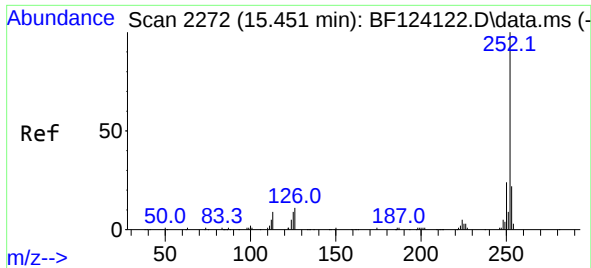


#88
Benzo(b)fluoranthene
Concen: 6.949 ng m
RT: 15.063 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33



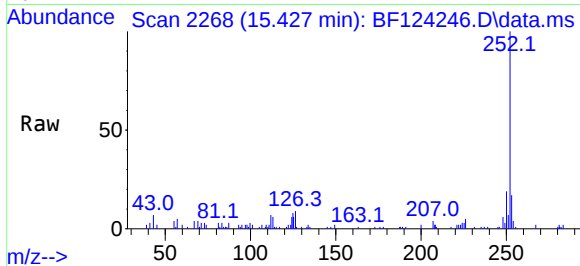
Tgt Ion:252 Resp: 47265
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 14.1 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 6.016 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

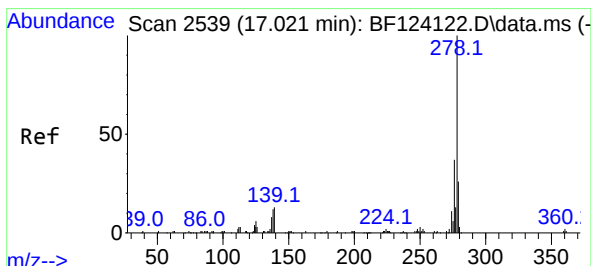
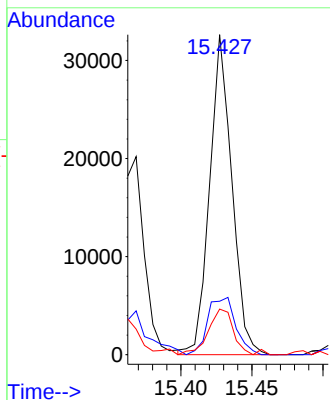
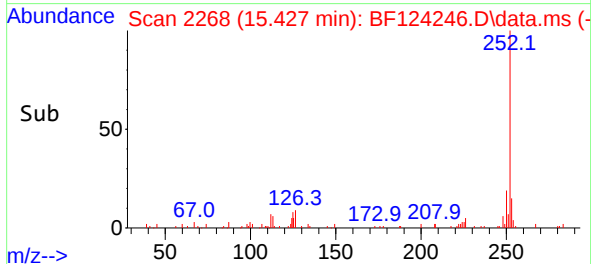
Instrument :
BNA_F
ClientSampled :
17-B6(0-4)



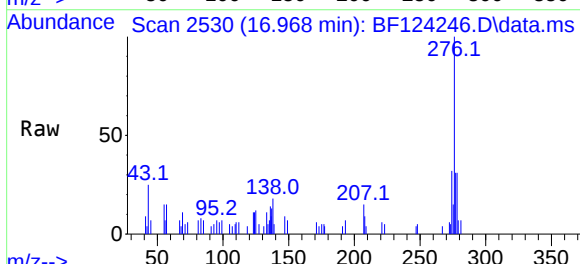
Tgt Ion:252 Resp: 35542
Ion Ratio Lower Upper
252 100
253 16.7 18.4 27.6#
125 14.2 8.0 12.0#

Manual Integrations
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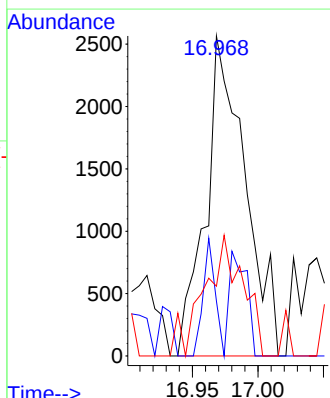
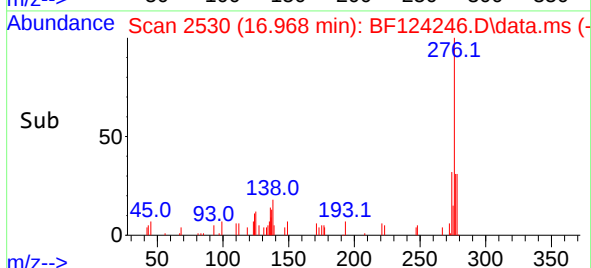
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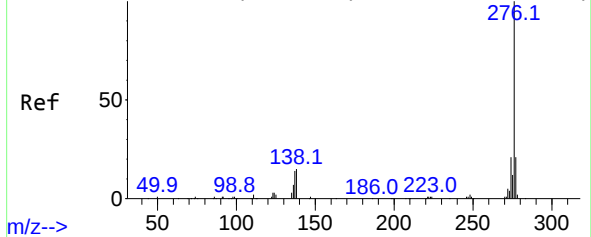
#91
Dibenzo(a,h)anthracene
Concen: 4.965 ng
RT: 16.968 min Scan# 2530
Delta R.T. -0.023 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33



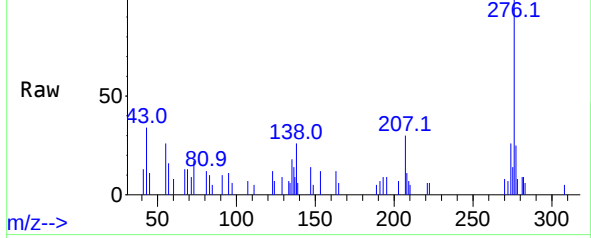
Tgt Ion:278 Resp: 5385
Ion Ratio Lower Upper
278 100
139 17.1 10.2 15.2#
279 21.8 19.4 29.0



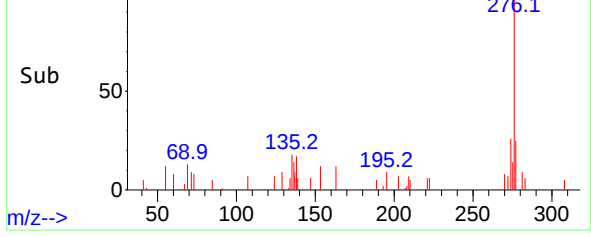
Abundance Scan 2613 (17.456 min): BF124122.D\data.ms (-



m/z--> Abundance Scan 2608 (17.427 min): BF124246.D\data.ms



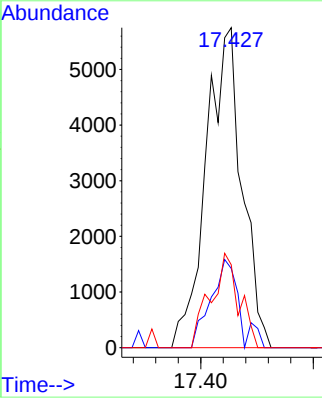
m/z--> Abundance Scan 2608 (17.427 min): BF124246.D\data.ms (-



m/z-->

#92
Benzo(g,h,i)perylene
Concen: 5.714 ng m
RT: 17.427 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF124246.D
Acq: 10 Jun 2021 22:33

Tgt Ion:	276	Resp:	12709
Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.2	27.2
138	25.9	13.8	20.6



Instrument :
BNA_F
ClientSampled :
17-B6(0-4)

Manual Integrations
APPROVED

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