

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124253.D
 Acq On : 11 Jun 2021 2:17
 Operator : JU/CG
 Sample : M2647-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-060821

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Quant Time: Jun 11 06:10:04 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	6.851	152	34365	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	128812	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	70066	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	95495	20.000	ng	0.00
76) Chrysene-d12	14.021	240	87704	20.000	ng	0.00
86) Perylene-d12	15.504	264	54087	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	24580	10.767	ng	0.00
7) Phenol-d6	6.487	99	32586	10.619	ng	-0.01
23) Nitrobenzene-d5	7.410	82	25915	7.979	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	8633	8.697	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	49558	8.900	ng	0.00
79) Terphenyl-d14	12.957	244	39888	6.244	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.398	178	49734	8.337	ng	99
72) Anthracene	11.451	178	16343	2.720	ng	96
75) Fluoranthene	12.592	202	89299	14.261	ng	98
78) Pyrene	12.822	202	73206	8.692	ng	100
81) Benzo(a)anthracene	14.010	228	40302	6.308	ng	# 93
83) Chrysene	14.045	228	31344	5.085	ng	# 87
87) Indeno(1,2,3-cd)pyrene	16.986	276	9344	6.223	ng	# 73
88) Benzo(b)fluoranthene	15.068	252	31514m	7.501	ng	
89) Benzo(k)fluoranthene	15.092	252	11954m	3.005	ng	
90) Benzo(a)pyrene	15.439	252	17116	4.690	ng	# 93
91) Dibenzo(a,h)anthracene	16.998	278	3989	5.123	ng	# 49
92) Benzo(g,h,i)perylene	17.439	276	9819	6.192	ng	# 89

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

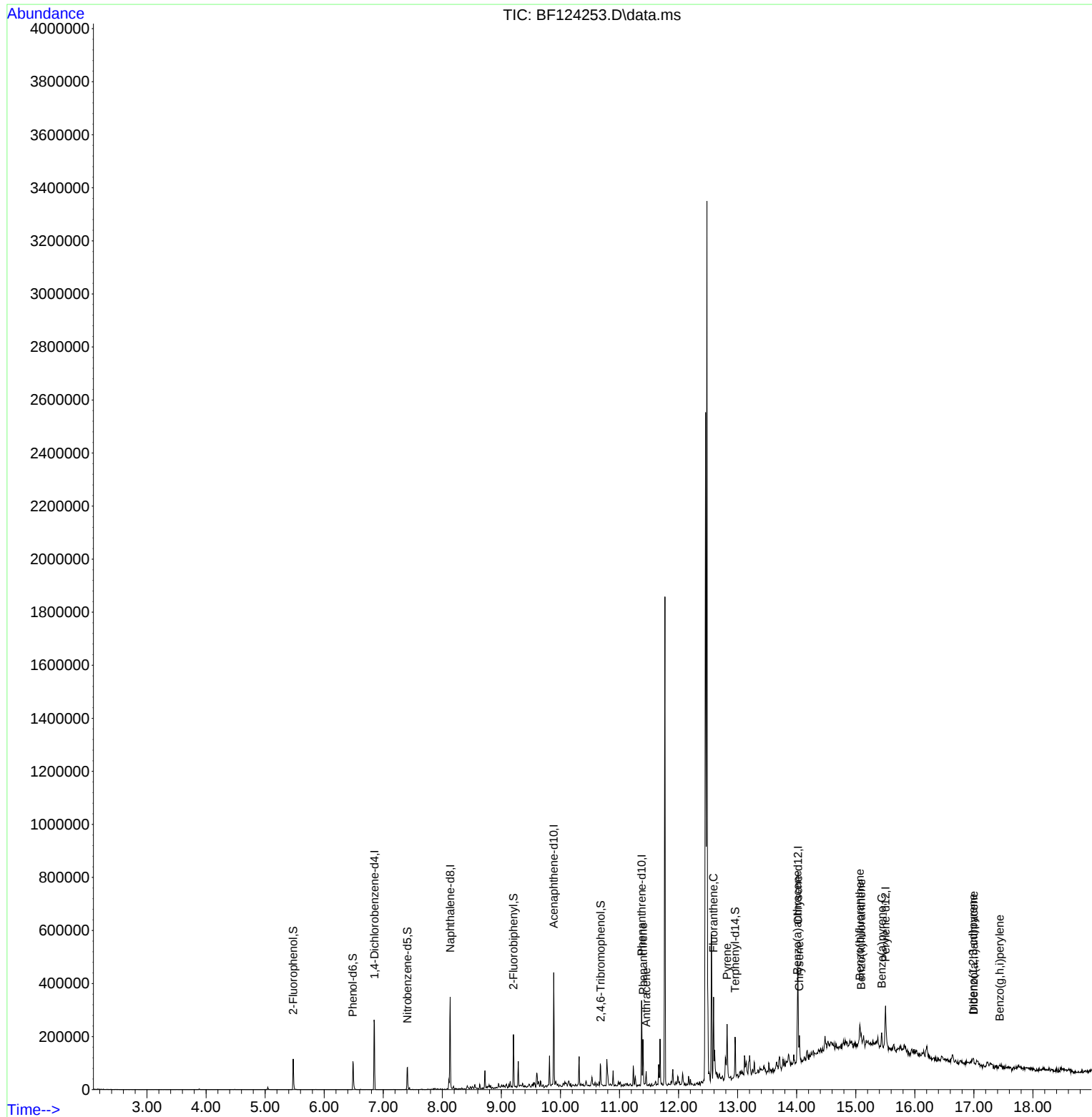
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124253.D
Acq On : 11 Jun 2021 2:17
Operator : JU/CG
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ALS Vial : 19 Sample Multiplier: 1

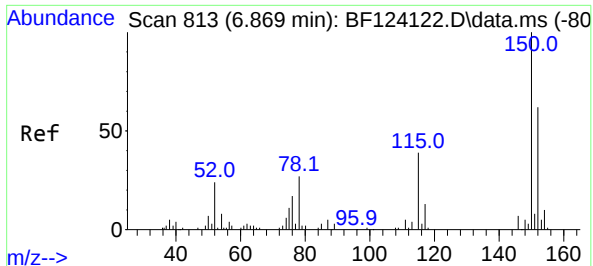
Instrument :
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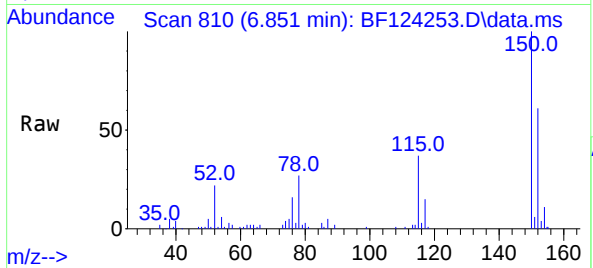
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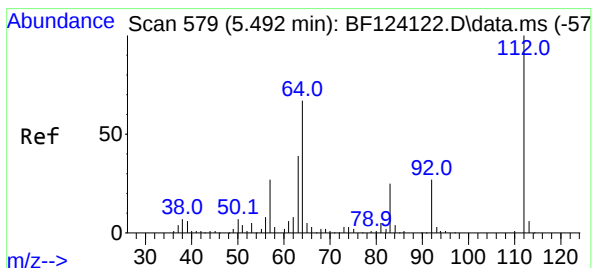
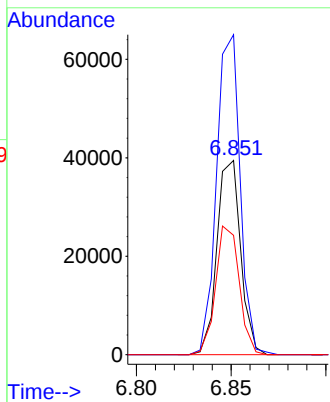
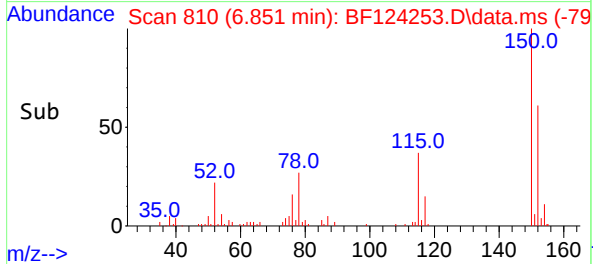




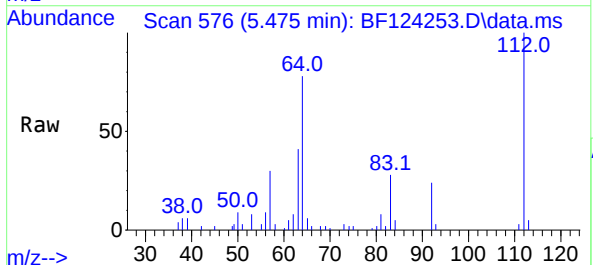
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17



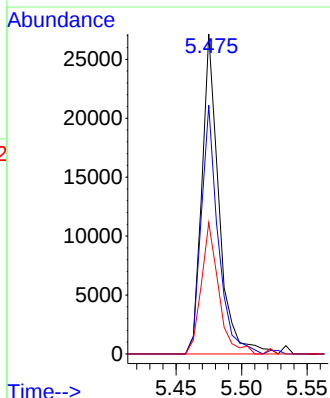
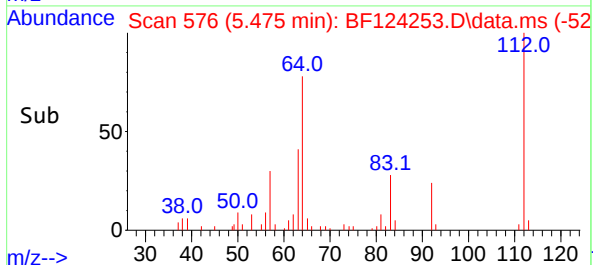
Tgt Ion:152 Resp: 34365
Ion Ratio Lower Upper
152 100
150 164.7 127.0 190.6
115 61.4 54.3 81.5



#5
2-Fluorophenol
Concen: 10.767 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17



Tgt Ion:112 Resp: 24580
Ion Ratio Lower Upper
112 100
64 77.7 61.4 92.0
63 41.0 33.0 49.4



Instrument :
BNA_F
ClientSampled :
SU-01-060821

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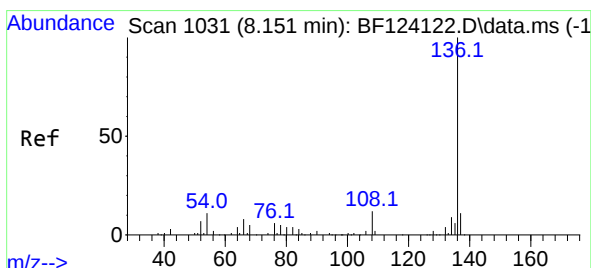
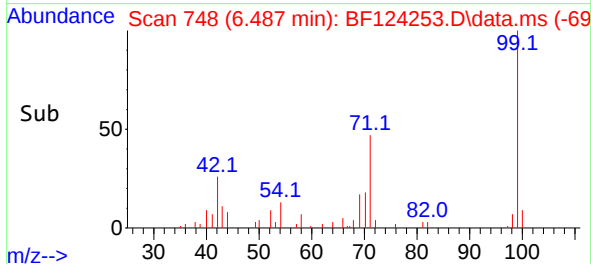
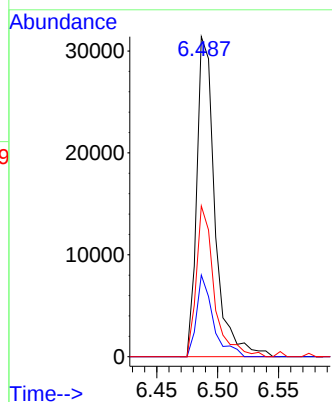
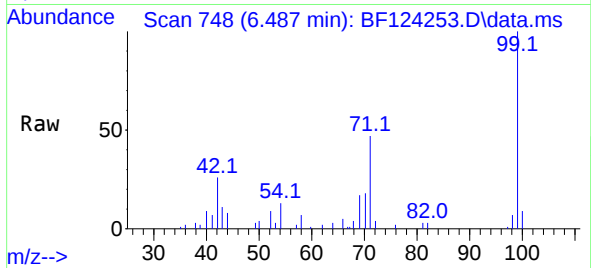
#7
Phenol-d6
Concen: 10.619 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17

Tgt Ion:	99	Resp:	32586
Ion	Ratio	Lower	Upper
99	100		
42	25.5	19.8	29.8
71	47.1	31.1	46.7#

Instrument :
BNA_F
ClientSampleId :
SU-01-060821

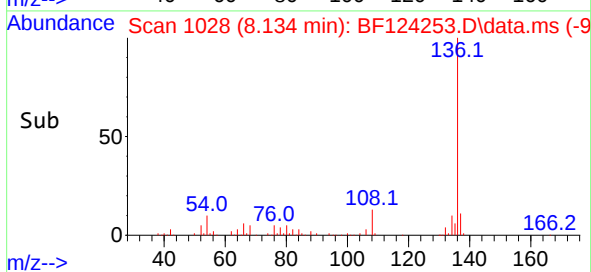
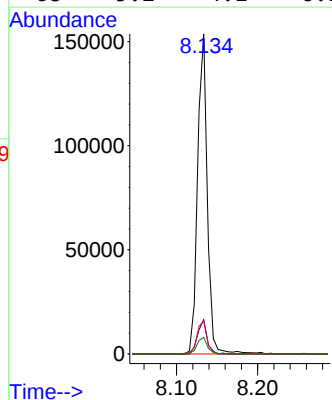
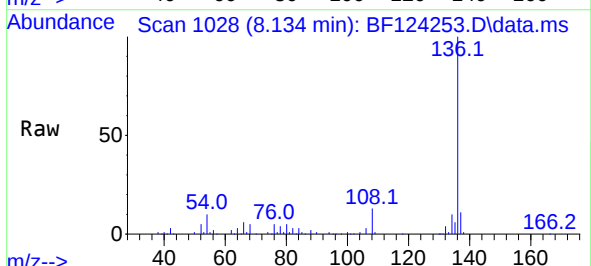
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17

Tgt Ion:	136	Resp:	128812
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.3	9.8	14.6
68	5.2	4.1	6.1





#23

Nitrobenzene-d5

Concen: 7.979 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF124253.D

Acq: 11 Jun 2021 2:17

Tgt Ion:	82	Resp:	25915
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.4	44.2
54	54.0	54.1	81.1#

Instrument :

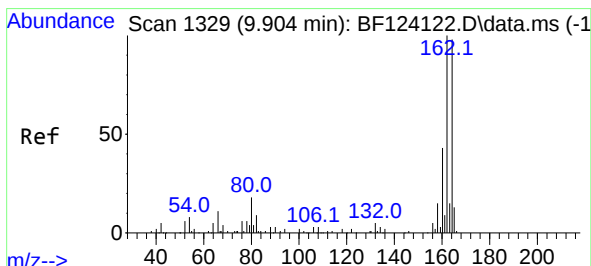
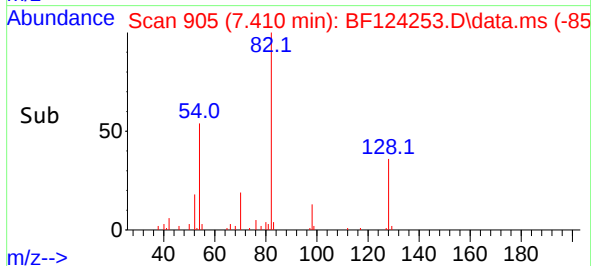
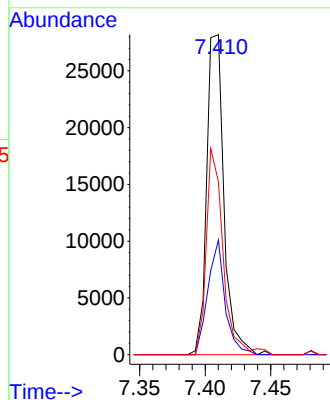
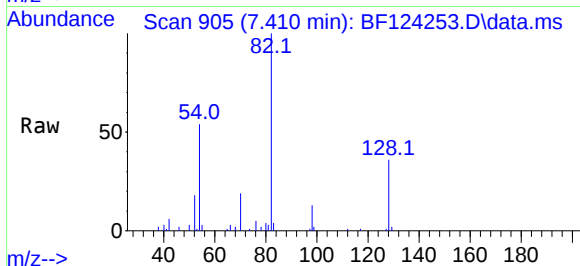
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ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

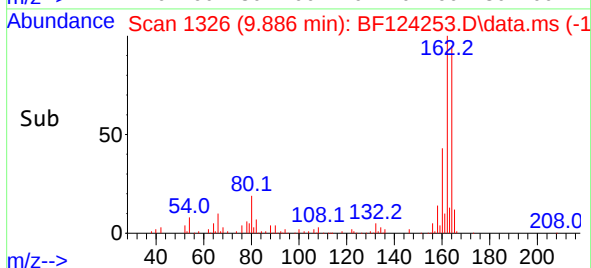
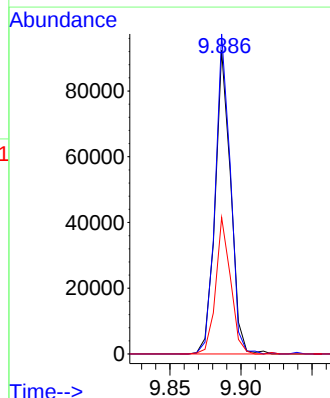
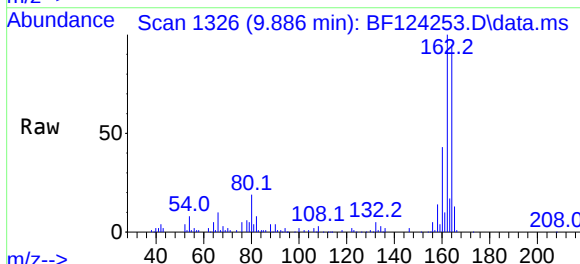
RT: 9.886 min Scan# 1326

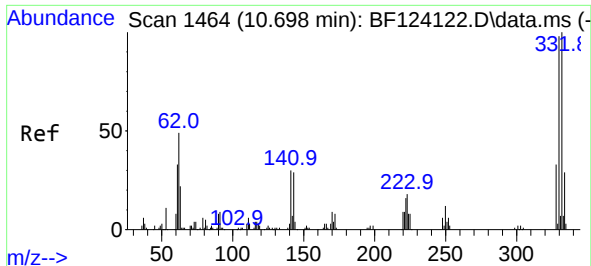
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Lab File: BF124253.D

Acq: 11 Jun 2021 2:17

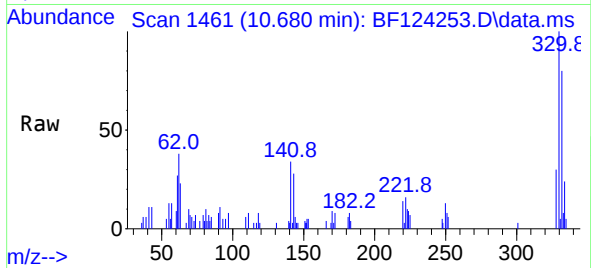
Tgt Ion:	164	Resp:	70066
Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.7	121.1
160	45.0	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 8.697 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17

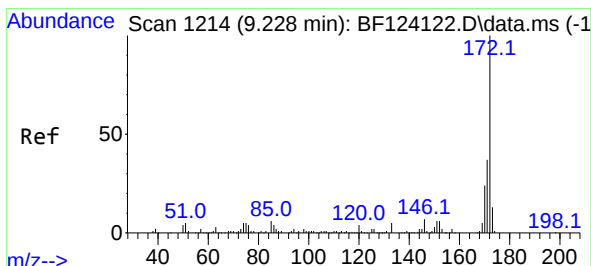
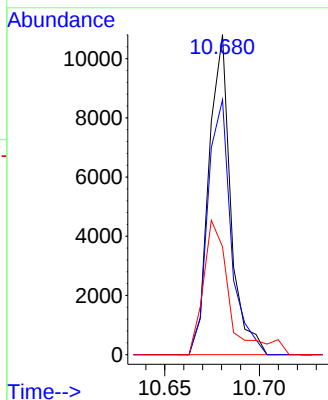
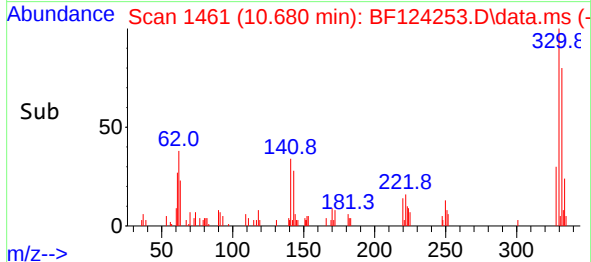
Instrument :
BNA_F
ClientSampled :
SU-01-060821



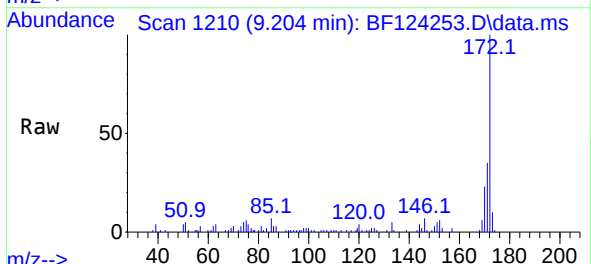
Tgt Ion: 330 Resp: 8633
Ion Ratio Lower Upper
330 100
332 85.5 77.1 115.7
141 50.6 27.9 41.9#

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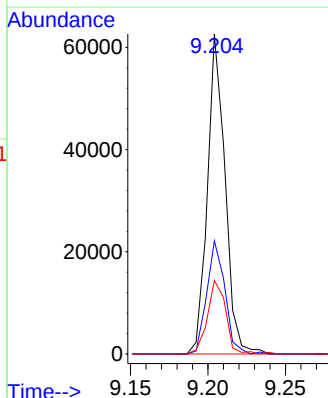
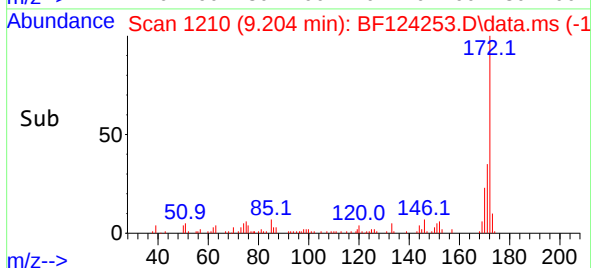
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#45
2-Fluorobiphenyl
Concen: 8.900 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17



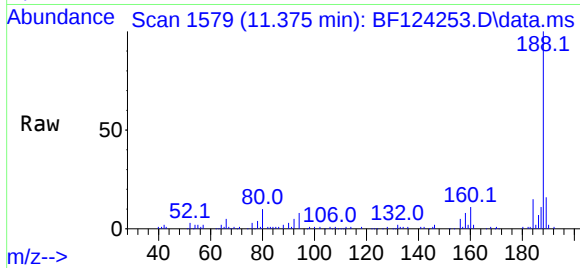
Tgt Ion: 172 Resp: 49558
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.0 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17

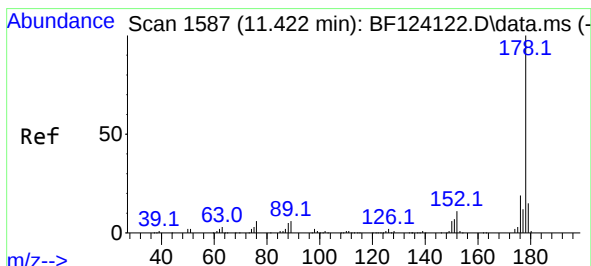
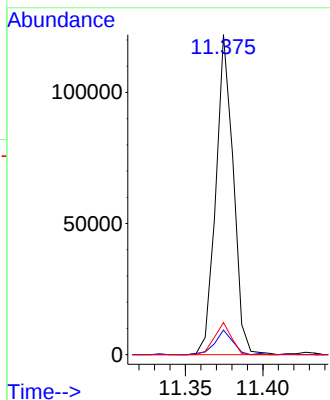
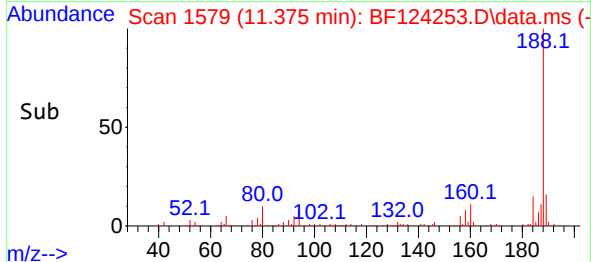
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BNA_F
ClientSampleId :
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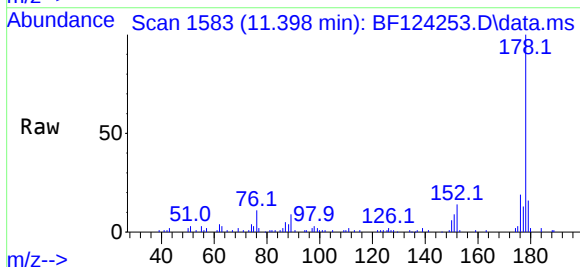
Tgt Ion:188 Resp: 95495
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 10.0 8.2 12.2

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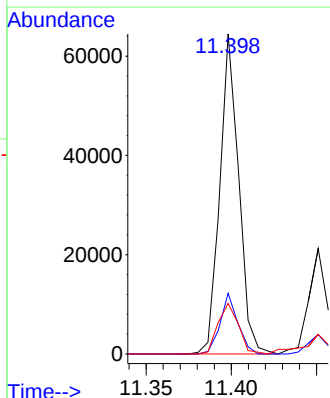
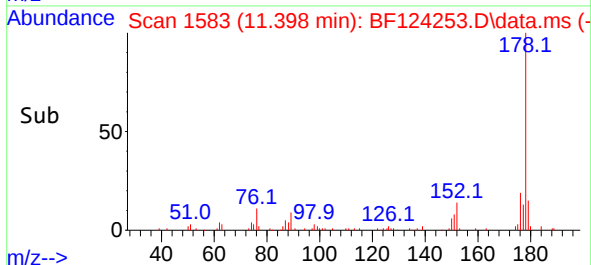
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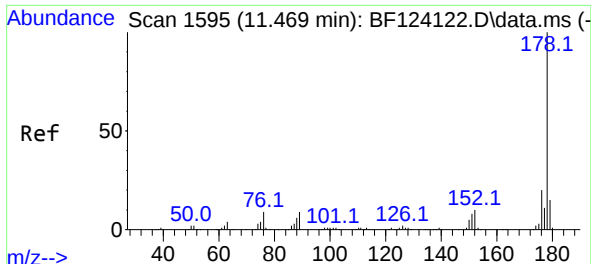


#71
Phenanthrene
Concen: 8.337 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17



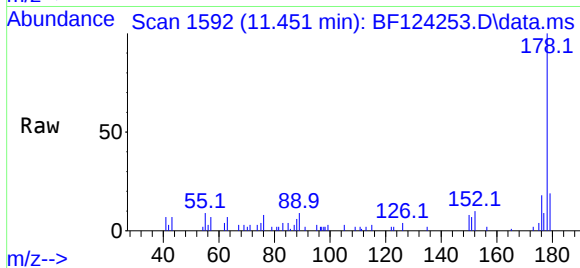
Tgt Ion:178 Resp: 49734
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.8 12.5 18.7





#72
 Anthracene
 Concen: 2.720 ng
 RT: 11.451 min Scan# 1592
 Delta R.T. -0.006 min
 Lab File: BF124253.D
 Acq: 11 Jun 2021 2:17

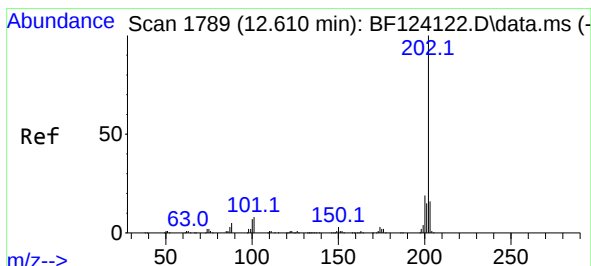
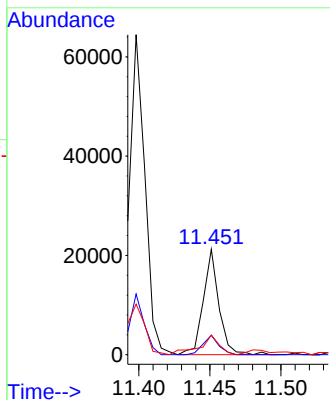
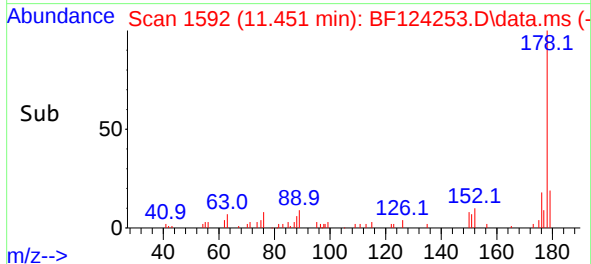
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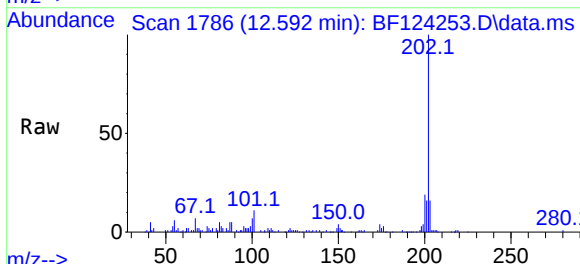
Tgt Ion:178 Resp: 16343
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.0
 179 18.7 12.6 18.8

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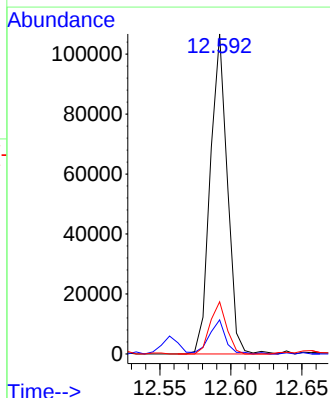
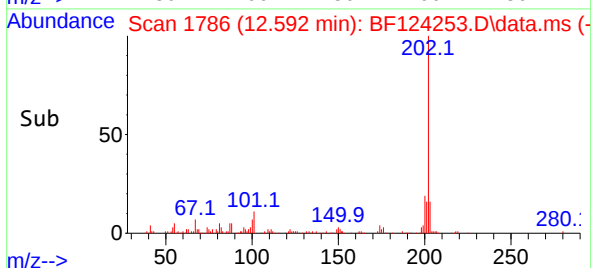
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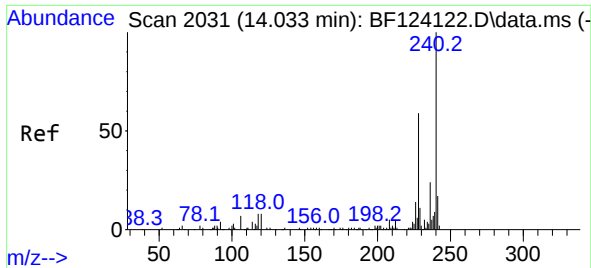


#75
 Fluoranthene
 Concen: 14.261 ng
 RT: 12.592 min Scan# 1786
 Delta R.T. 0.000 min
 Lab File: BF124253.D
 Acq: 11 Jun 2021 2:17



Tgt Ion:202 Resp: 89299
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 30.9
 203 16.3 0.0 37.5





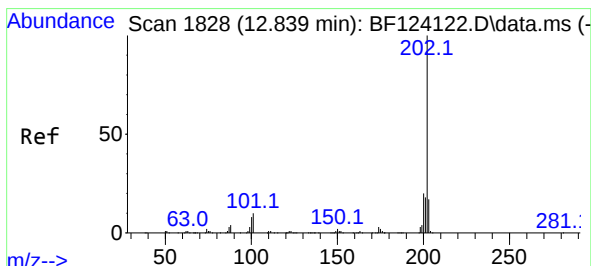
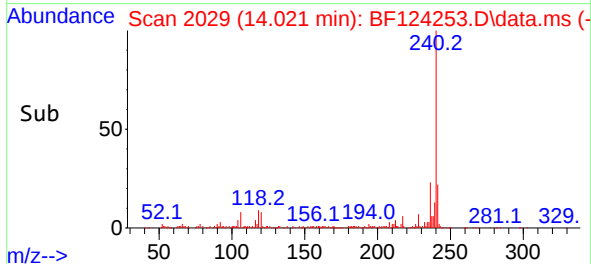
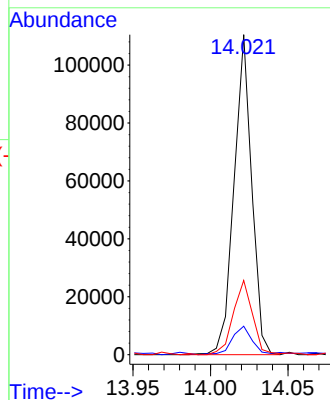
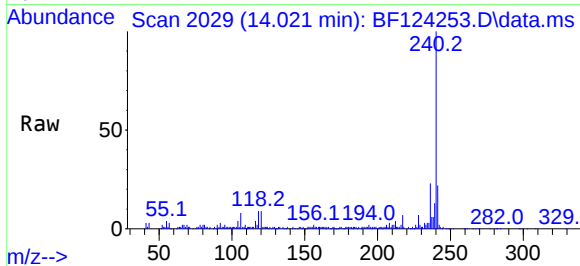
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17

Instrument :
BNA_F
ClientSampleId :
SU-01-060821

Tgt Ion:240 Resp: 87704
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 23.2 19.0 28.4

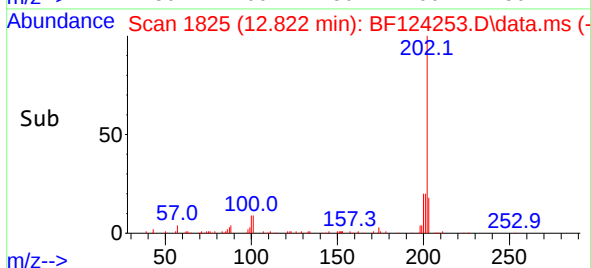
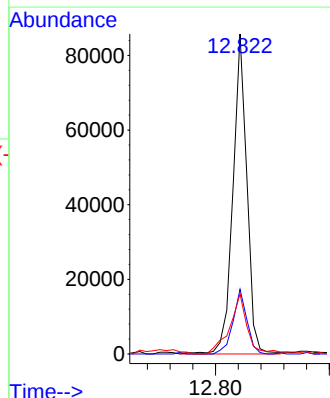
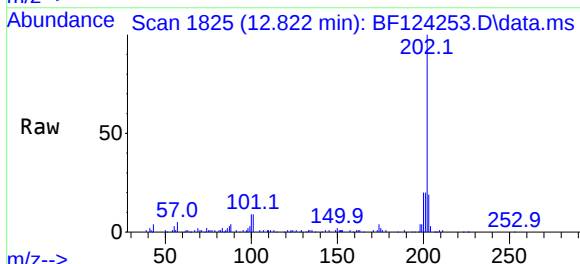
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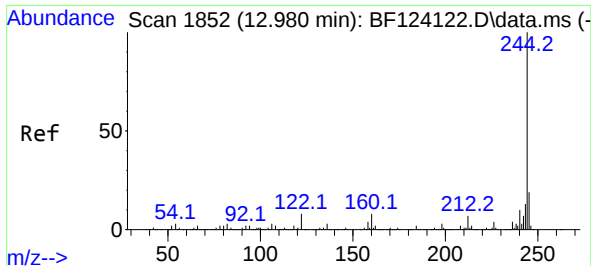
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#78
Pyrene
Concen: 8.692 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17

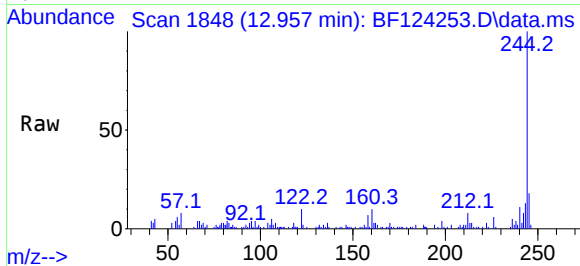
Tgt Ion:202 Resp: 73206
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 18.7 14.8 22.2





#79
Terphenyl-d14
Concen: 6.244 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17

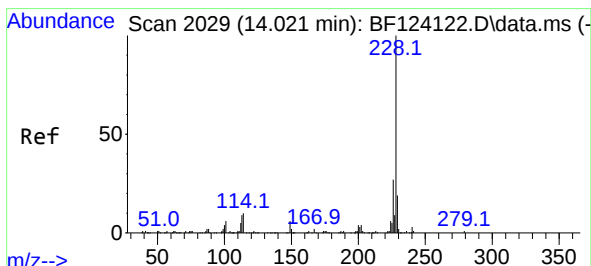
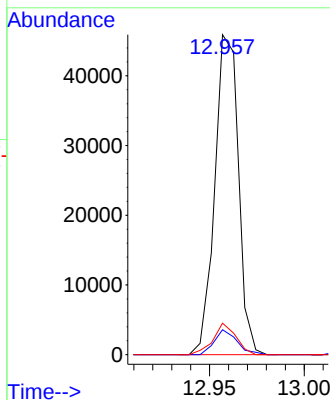
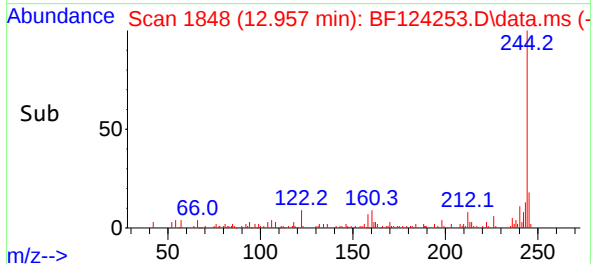
Instrument :
BNA_F
ClientSampled :
SU-01-060821



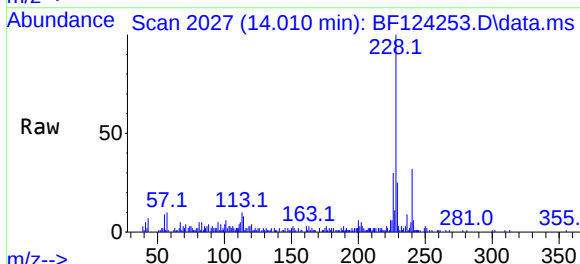
Tgt Ion:244 Resp: 39888
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 9.8 9.7 14.5

Manual Integrations
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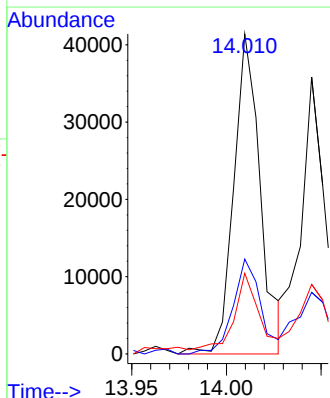
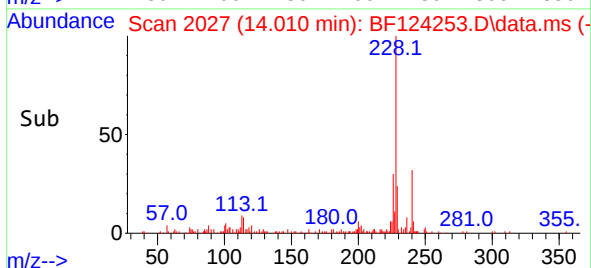
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6/11/2021 2:11:17 PM

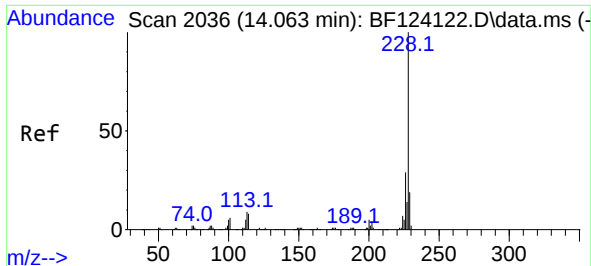


#81
Benzo(a)anthracene
Concen: 6.308 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17



Tgt Ion:228 Resp: 40302
Ion Ratio Lower Upper
228 100
226 29.6 22.4 33.6
229 25.2 16.0 24.0#





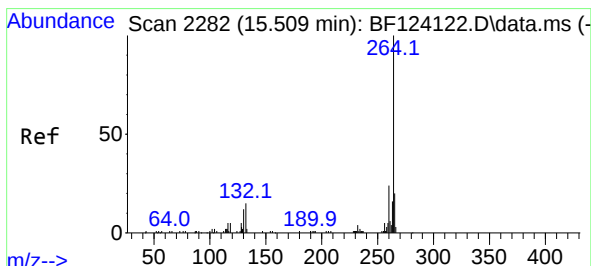
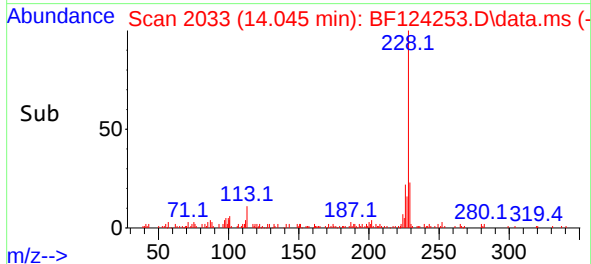
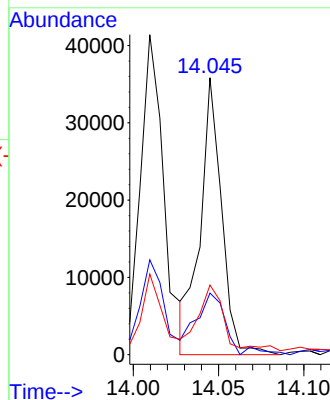
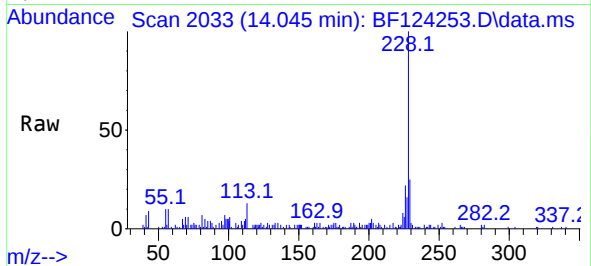
#83
Chrysene
Concen: 5.085 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17

Tgt Ion:228 Resp: 31344
Ion Ratio Lower Upper
228 100
226 22.3 24.3 36.5#
229 25.1 16.2 24.2#

Instrument :
BNA_F
ClientSampleId :
SU-01-060821

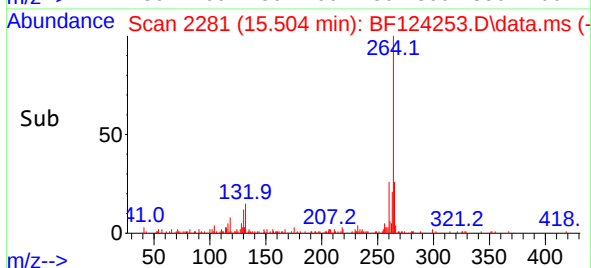
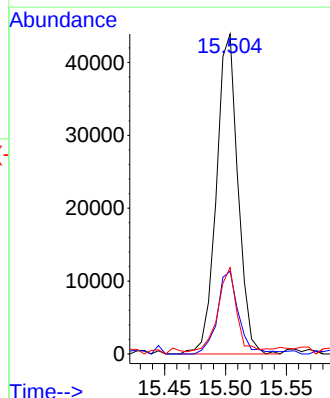
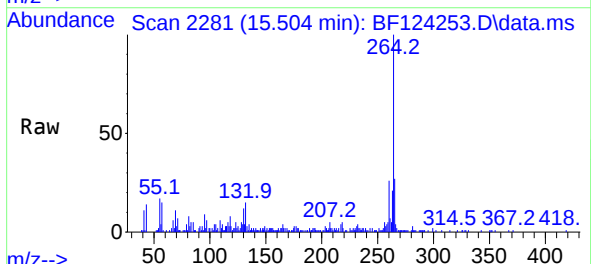
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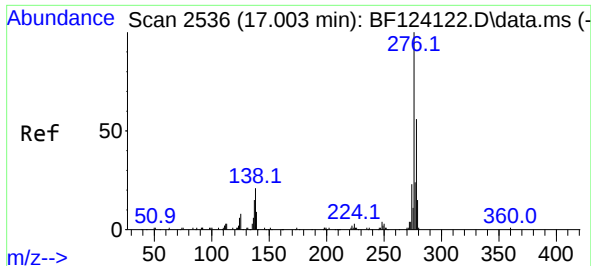
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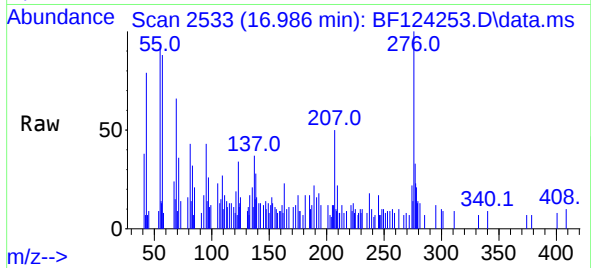
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17

Tgt Ion:264 Resp: 54087
Ion Ratio Lower Upper
264 100
260 25.9 18.7 28.1
265 27.0 17.8 26.8#

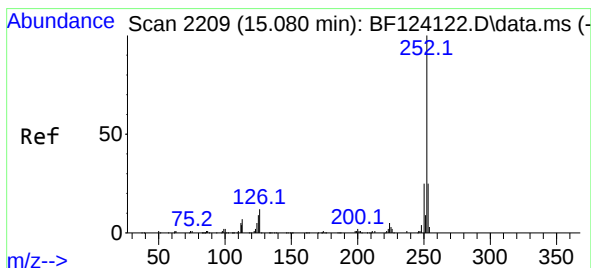
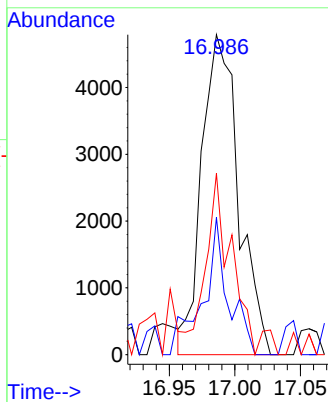
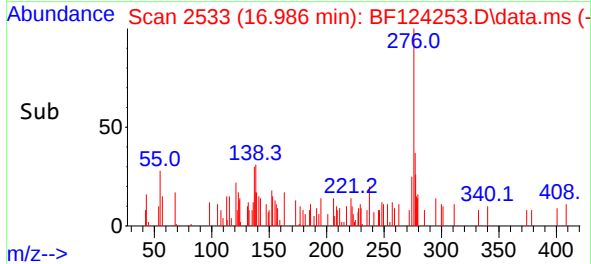




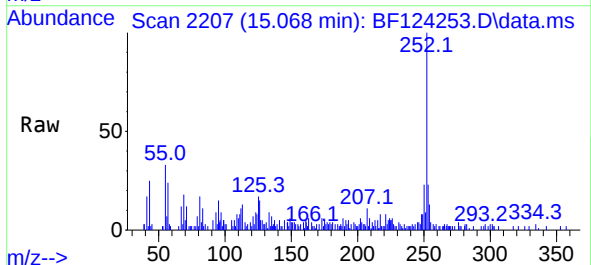
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.223 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17



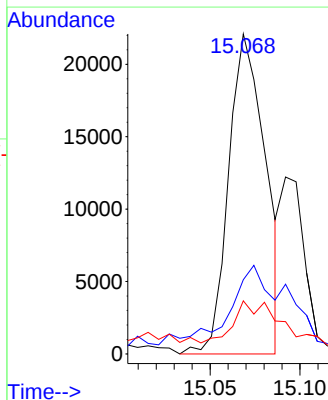
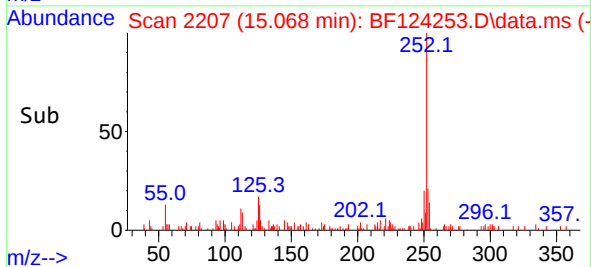
Tgt Ion: 276 Resp: 9344
Ion Ratio Lower Upper
276 100
138 29.7 16.2 24.2#
277 41.3 20.1 30.1#



#88
Benzo(b)fluoranthene
Concen: 7.501 ng m
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17



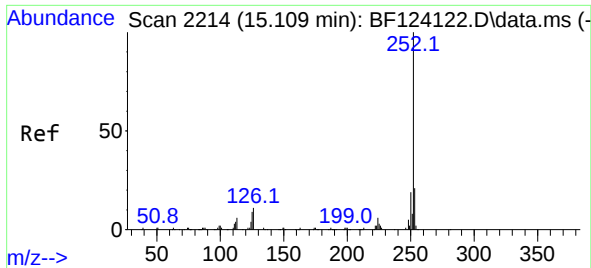
Tgt Ion: 252 Resp: 31514
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 16.6 6.2 9.4#



Instrument :
BNA_F
ClientSampleId :
SU-01-060821

Manual Integrations
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6/11/2021 2:11:17 PM



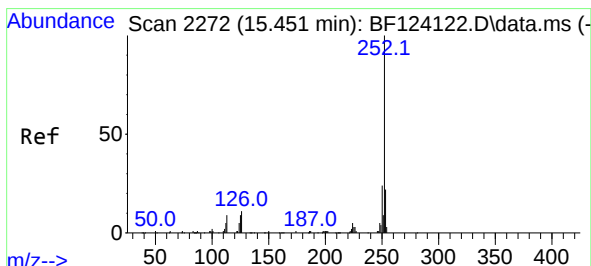
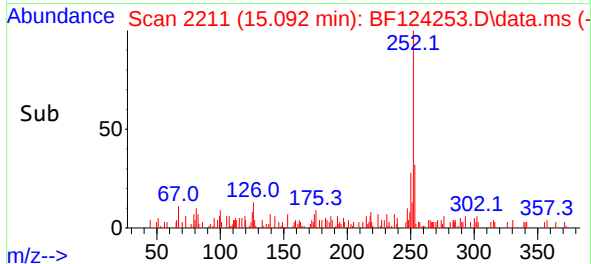
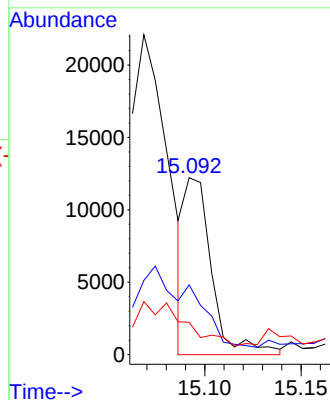
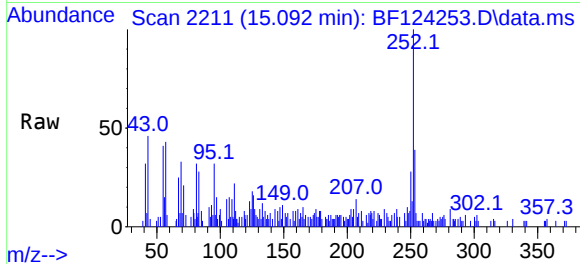
#89
Benzo(k)fluoranthene
Concen: 3.005 ng m
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17

Tgt Ion:252 Resp: 11954
Ion Ratio Lower Upper
252 100
253 39.4 17.9 26.9#
125 18.3 7.0 10.6#

Instrument :
BNA_F
ClientSampleId :
SU-01-060821

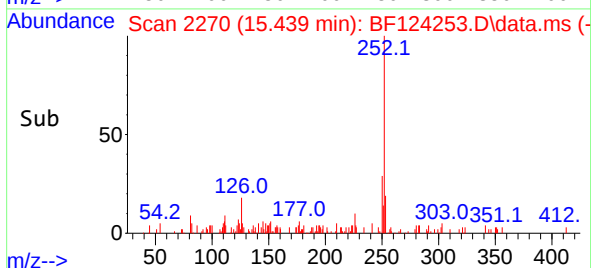
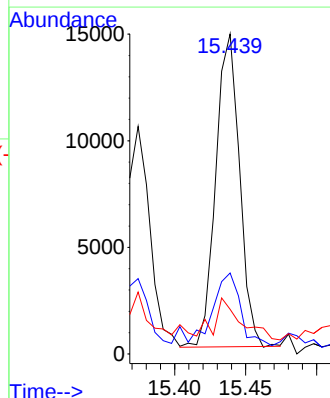
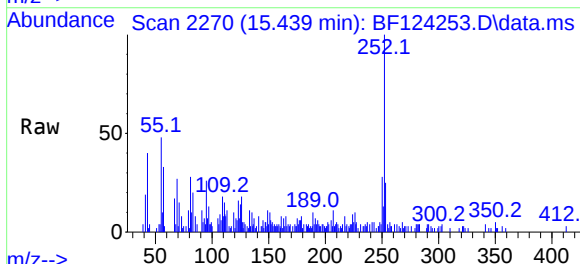
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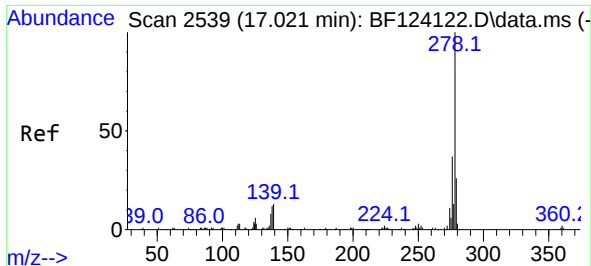
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6/11/2021 2:11:17 PM



#90
Benzo(a)pyrene
Concen: 4.690 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17

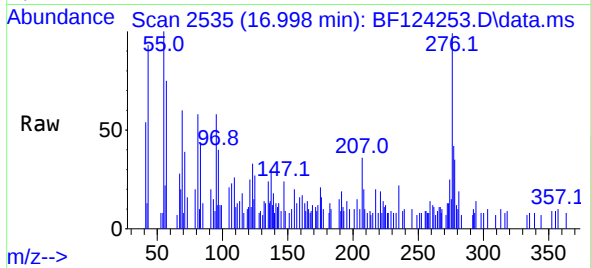
Tgt Ion:252 Resp: 17116
Ion Ratio Lower Upper
252 100
253 25.3 18.4 27.6
125 14.0 8.0 12.0#





#91
Dibenzo(a,h)anthracene
Concen: 5.123 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17

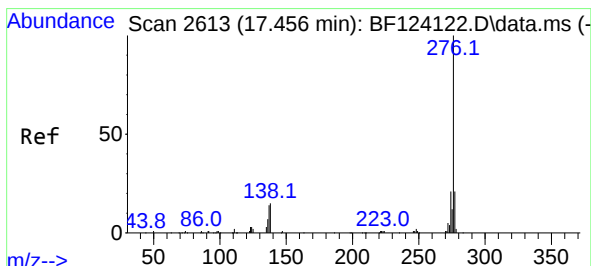
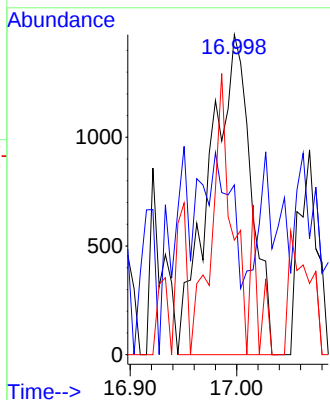
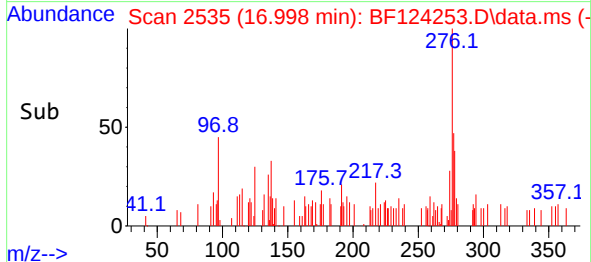
Instrument :
BNA_F
ClientSampled :
SU-01-060821



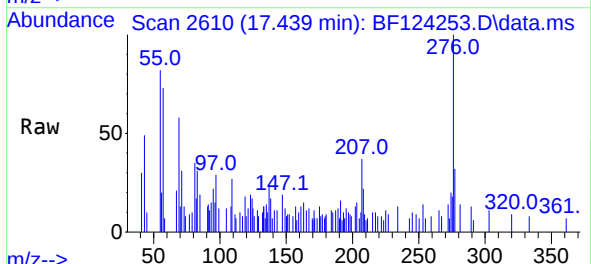
Tgt Ion:278 Resp: 3989
Ion Ratio Lower Upper
278 100
139 53.1 10.2 15.2#
279 35.8 19.4 29.0#

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6/11/2021 2:11:17 PM



#92
Benzo(g,h,i)perylene
Concen: 6.192 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.006 min
Lab File: BF124253.D
Acq: 11 Jun 2021 2:17



Tgt Ion:276 Resp: 9819
Ion Ratio Lower Upper
276 100
277 31.9 18.2 27.2#
138 16.7 13.8 20.6

