

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
 Data File : BF124214.D
 Acq On : 9 Jun 2021 18:06
 Operator : JU/CG
 Sample : M2612-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18-B12(6-10)

Manual Integrations
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Quant Time: Jun 10 01:54:29 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	34552	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	125636	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	73367	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	120240	20.000	ng	0.00
76) Chrysene-d12	14.015	240	81927	20.000	ng	0.00
86) Perylene-d12	15.492	264	60368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	125559	54.703	ng	0.00
7) Phenol-d6	6.492	99	161707	52.413	ng	0.00
23) Nitrobenzene-d5	7.410	82	130660	41.247	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	45990	44.245	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	246886	42.345	ng	0.00
79) Terphenyl-d14	12.957	244	210229	35.231	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.598	163	42605	7.019	ng	# 98
71) Phenanthrene	11.398	178	78418	10.440	ng	95
75) Fluoranthene	12.586	202	86627	10.987	ng	97
78) Pyrene	12.815	202	73929	9.397	ng	97
81) Benzo(a)anthracene	14.004	228	33402	5.597	ng	99
83) Chrysene	14.045	228	30755m	5.341	ng	
87) Indeno(1,2,3-cd)pyrene	16.974	276	12782	6.649	ng	# 67
88) Benzo(b)fluoranthene	15.062	252	34590m	7.376	ng	
89) Benzo(k)fluoranthene	15.086	252	10414m	2.346	ng	
90) Benzo(a)pyrene	15.427	252	22796	5.597	ng	# 92
91) Dibenzo(a,h)anthracene	16.986	278	4718	5.179	ng	# 67
92) Benzo(g,h,i)perylene	17.421	276	12771m	6.586	ng	

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

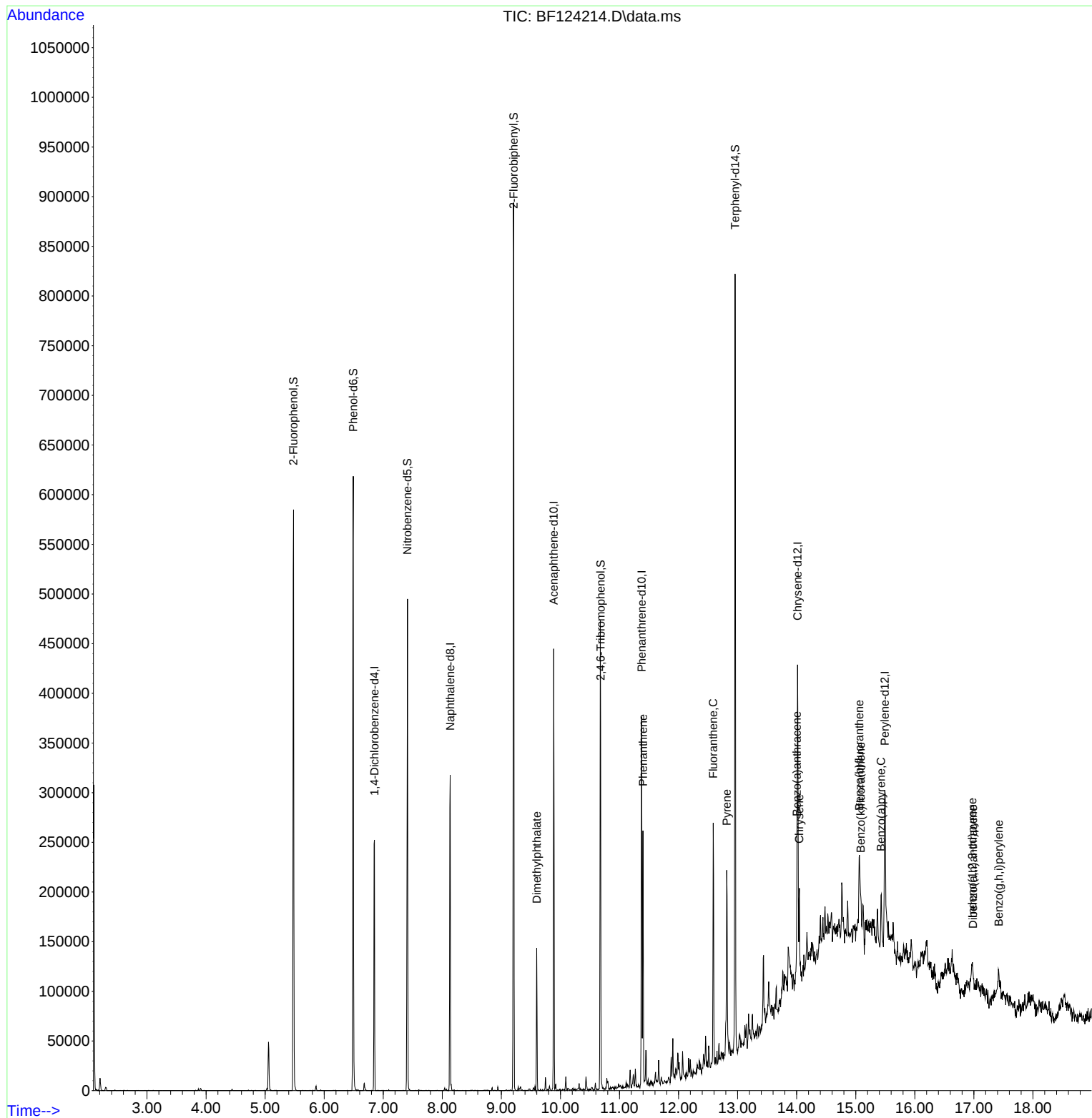
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Data File : BF124214.D
Acq On : 9 Jun 2021 18:06
Operator : JU/CG
Sample : M2612-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

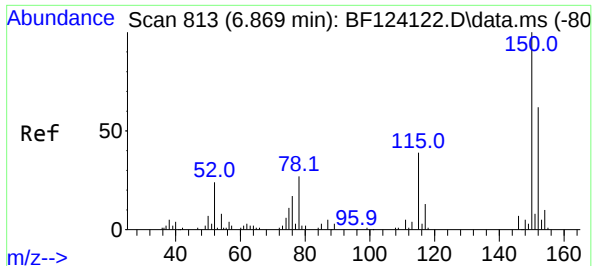
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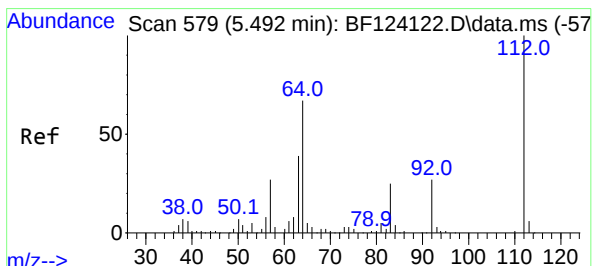
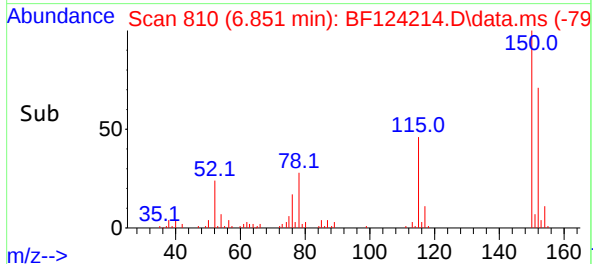
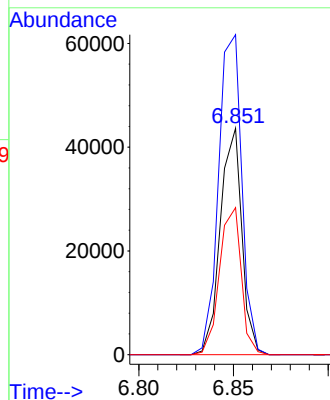
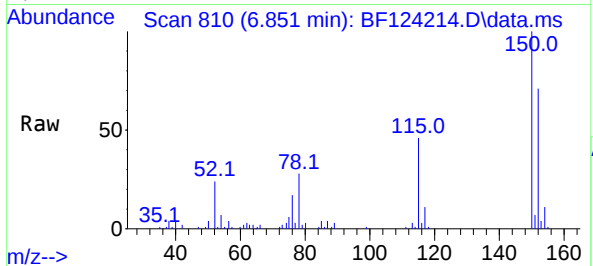
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

Tgt Ion:152 Resp: 34552
Ion Ratio Lower Upper
152 100
150 141.3 127.0 190.6
115 65.0 54.3 81.5

Instrument :
BNA_F
ClientSampleId :
18-B12(6-10)

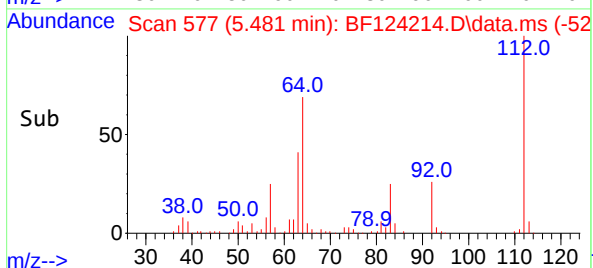
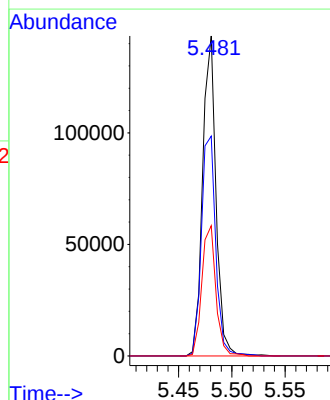
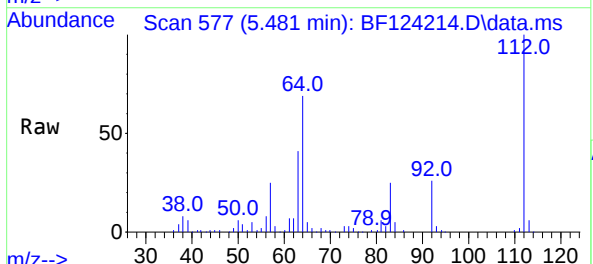
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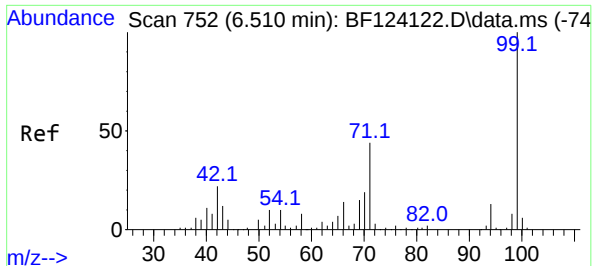
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#5
2-Fluorophenol
Concen: 54.703 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

Tgt Ion:112 Resp: 125559
Ion Ratio Lower Upper
112 100
64 68.7 61.4 92.0
63 40.7 33.0 49.4





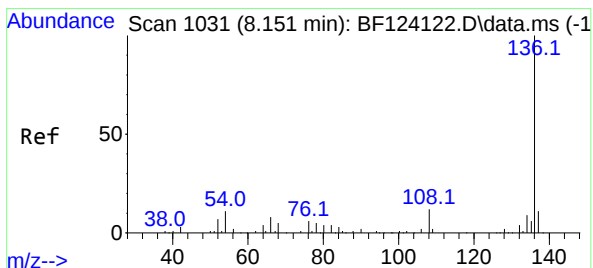
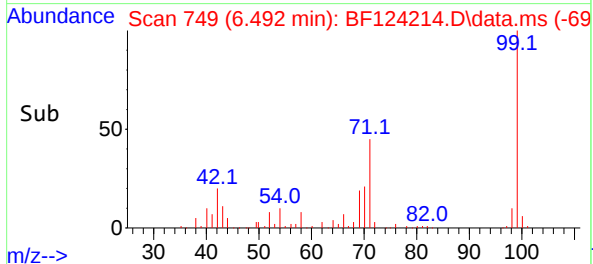
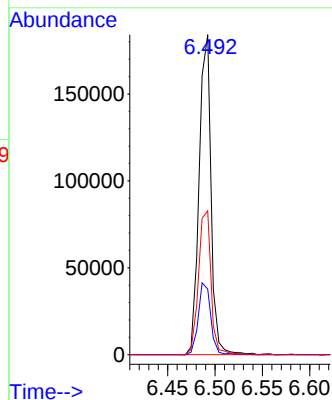
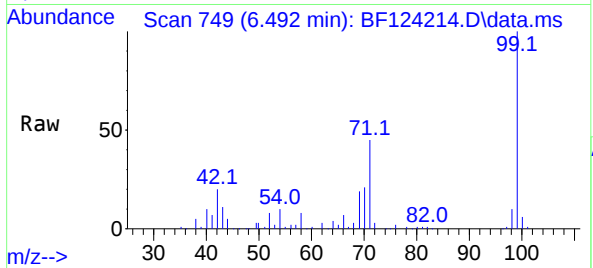
#7
Phenol-d6
Concen: 52.413 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

Tgt Ion: 99 Resp: 161707
Ion Ratio Lower Upper
99 100
42 20.5 19.8 29.8
71 45.0 31.1 46.7

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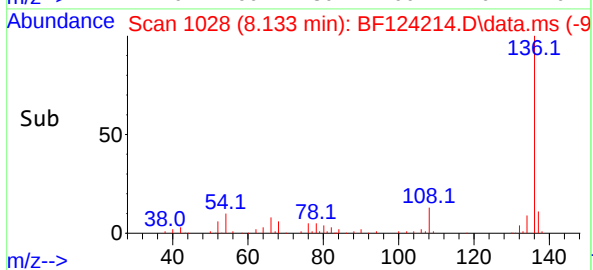
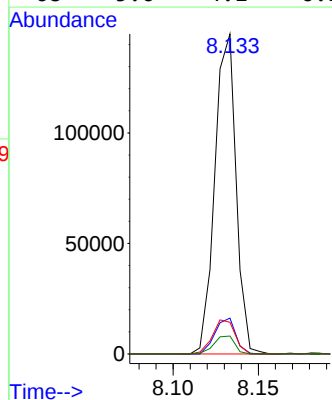
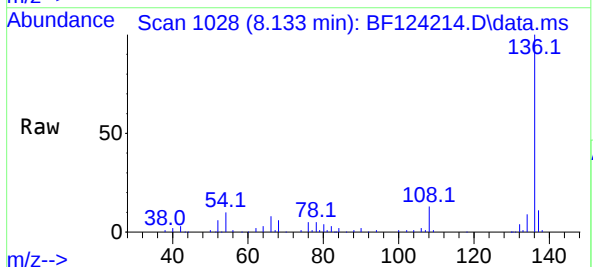
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

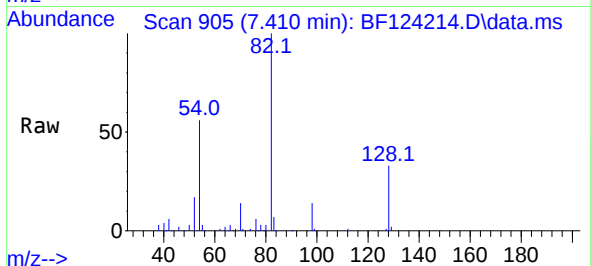
Tgt Ion: 136 Resp: 125636
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.9 9.8 14.6
68 5.6 4.1 6.1





#23
Nitrobenzene-d5
Concen: 41.247 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

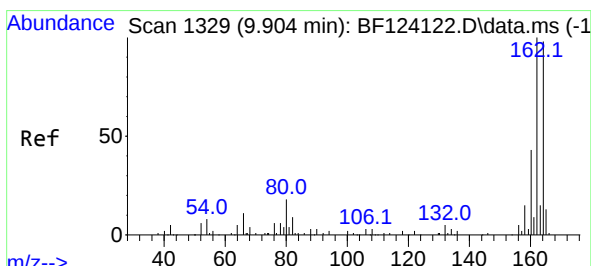
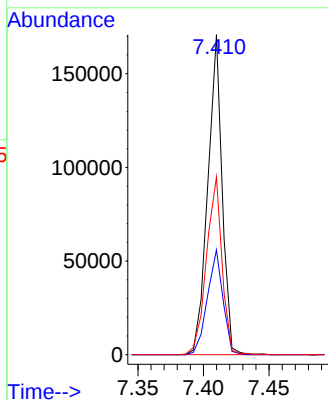
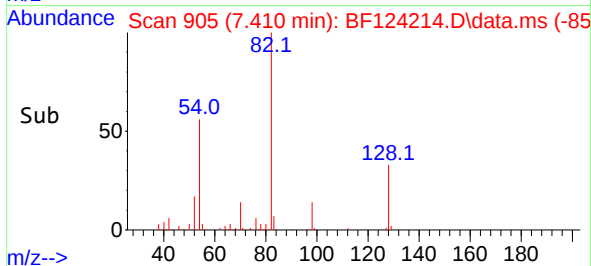
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BNA_F
ClientSampleId :
18-B12(6-10)



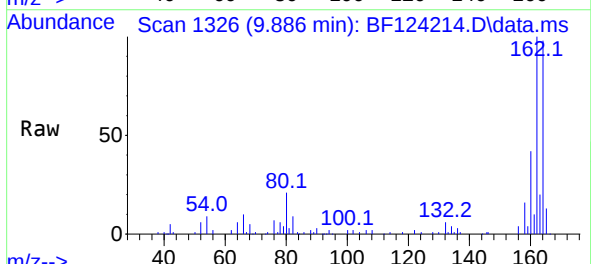
Tgt Ion: 82 Resp: 130660
Ion Ratio Lower Upper
82 100
128 32.7 29.4 44.2
54 55.6 54.1 81.1

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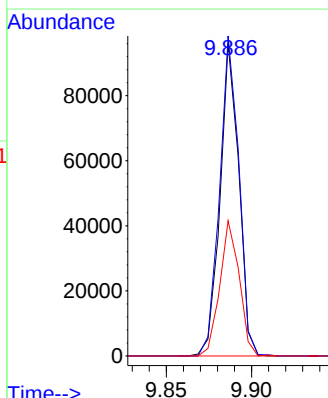
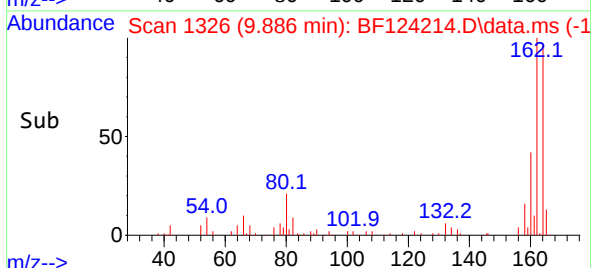
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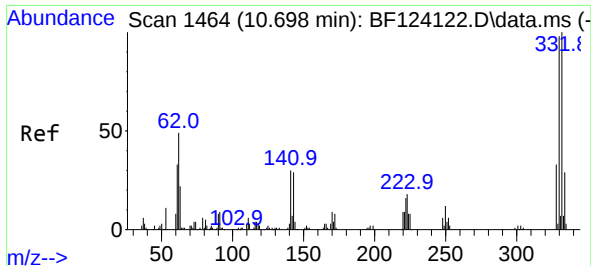


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

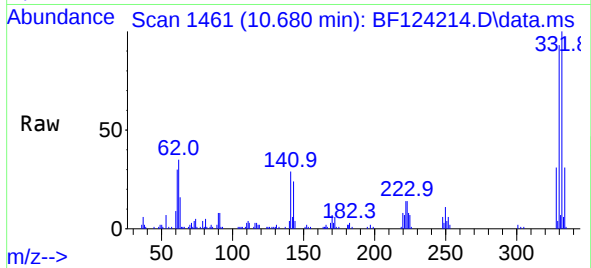


Tgt Ion: 164 Resp: 73367
Ion Ratio Lower Upper
164 100
162 102.4 80.7 121.1
160 43.3 37.3 55.9

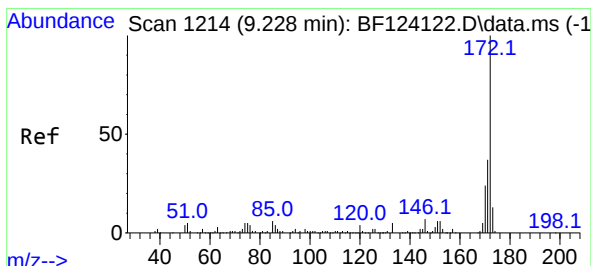
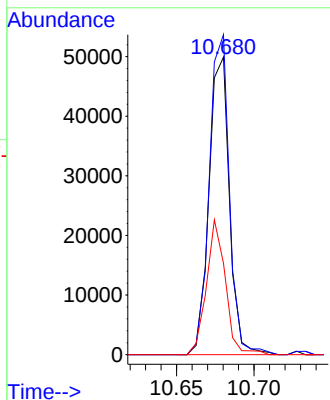
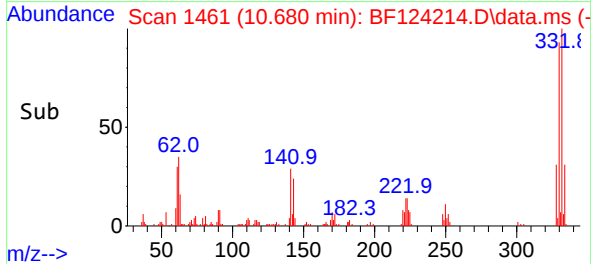




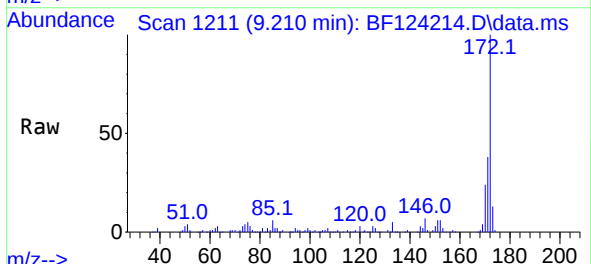
#42
2,4,6-Tribromophenol
Concen: 44.245 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06



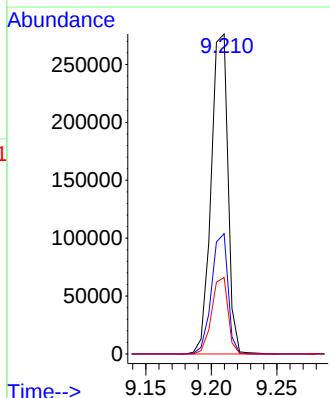
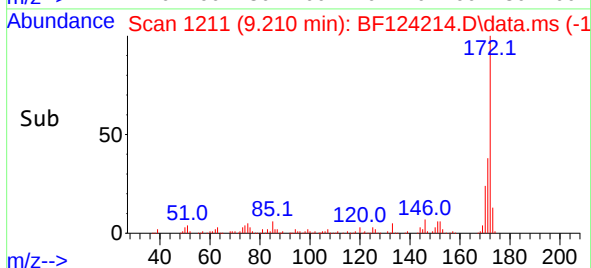
Tgt Ion: 330 Resp: 45990
Ion Ratio Lower Upper
330 100
332 105.2 77.1 115.7
141 41.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 42.345 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06



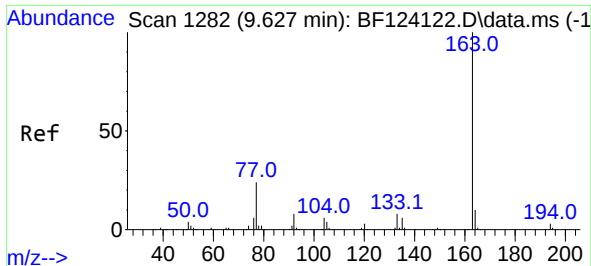
Tgt Ion: 172 Resp: 246886
Ion Ratio Lower Upper
172 100
171 37.6 28.1 42.1
170 23.9 19.2 28.8



Instrument :
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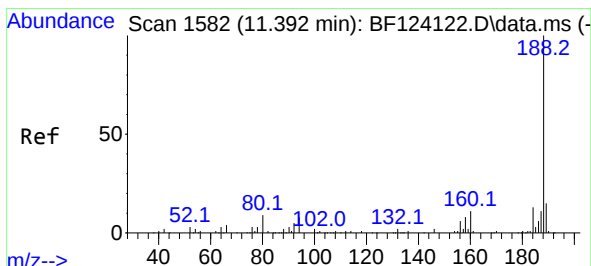
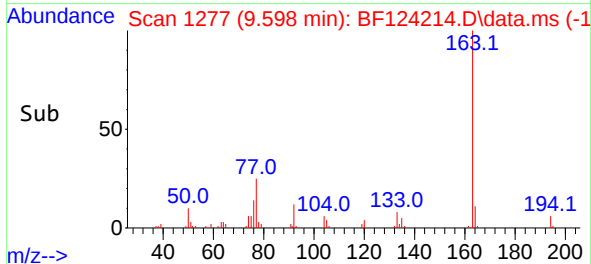
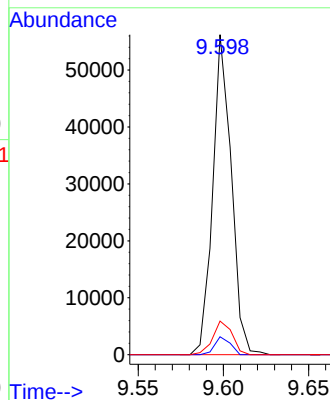
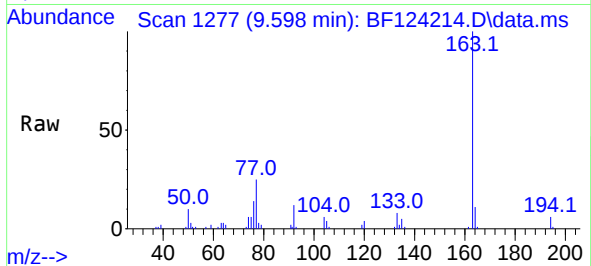
#50
Dimethylphthalate
Concen: 7.019 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

Tgt Ion:163 Resp: 42605
Ion Ratio Lower Upper
163 100
194 5.6 3.1 4.7#
164 10.5 8.2 12.2

Instrument :
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ClientSampleId :
18-B12(6-10)

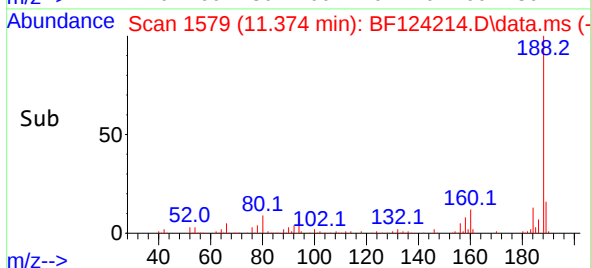
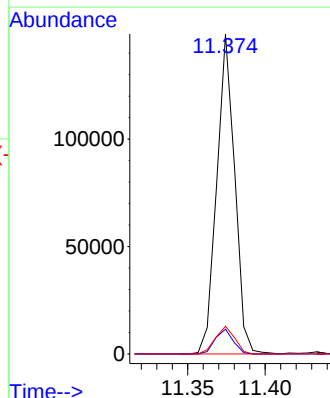
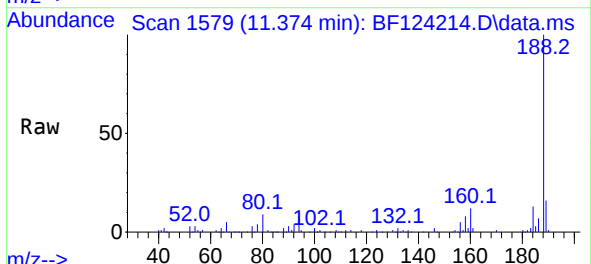
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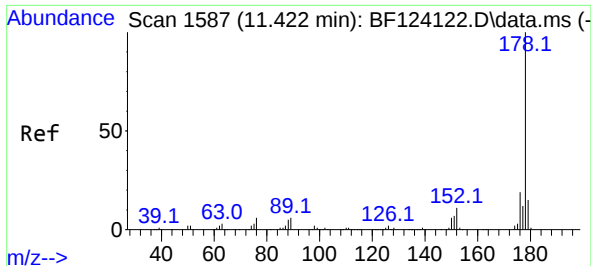
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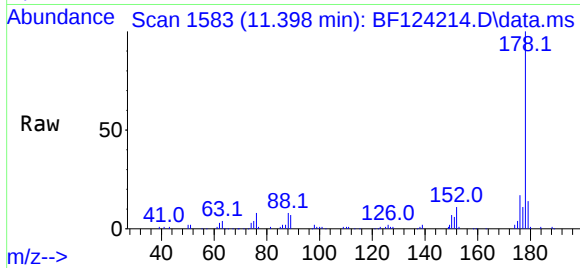
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

Tgt Ion:188 Resp: 120240
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 8.7 8.2 12.2

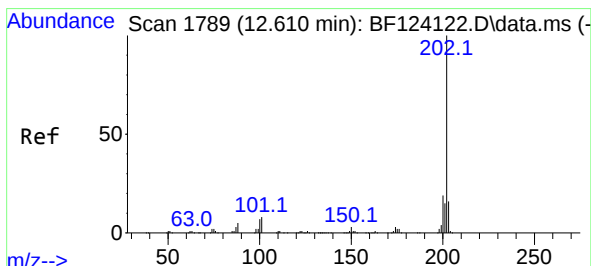
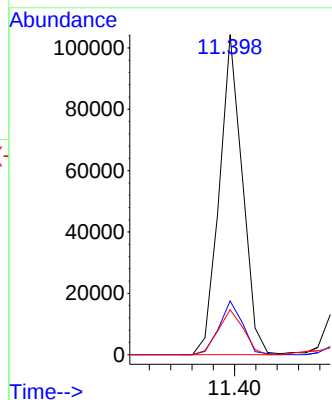
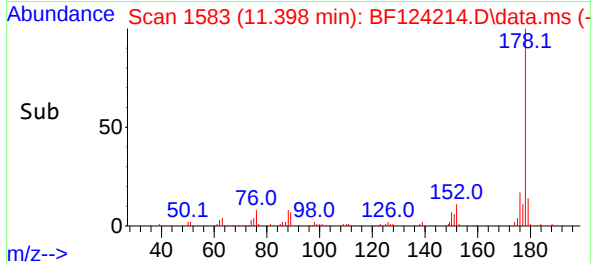




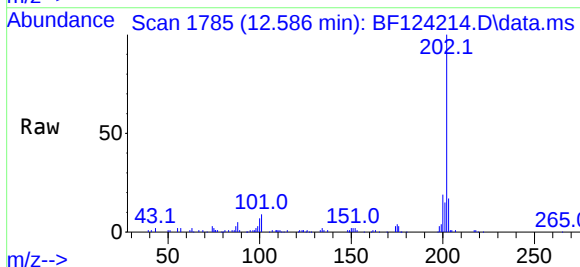
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Phenanthrene
Concen: 10.440 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06



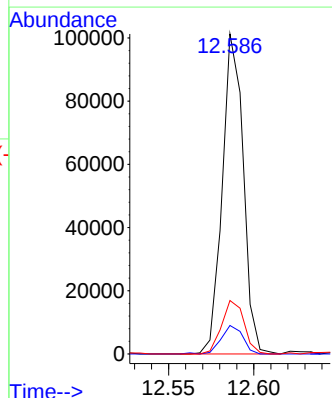
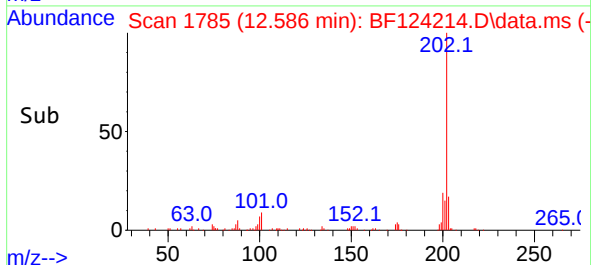
Tgt Ion:178 Resp: 78418
Ion Ratio Lower Upper
178 100
176 16.8 15.6 23.4
179 14.0 12.5 18.7



#75
Fluoranthene
Concen: 10.987 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06



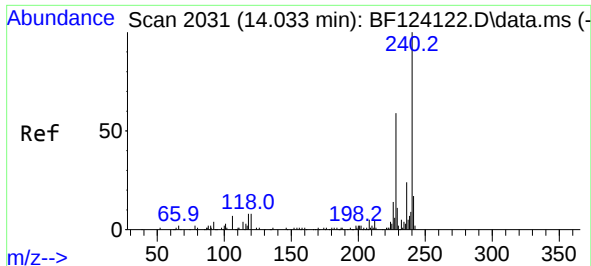
Tgt Ion:202 Resp: 86627
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.9
203 16.7 0.0 37.5



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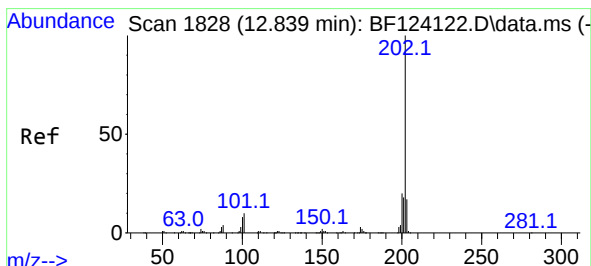
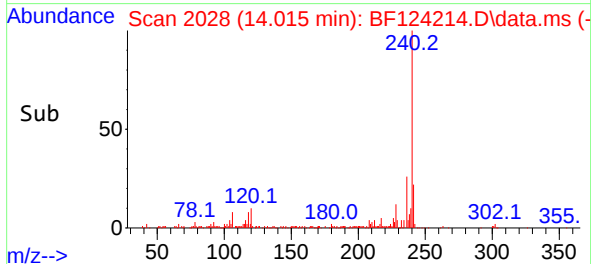
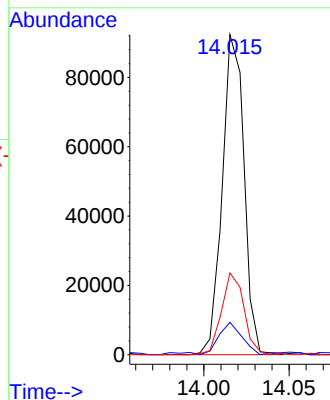
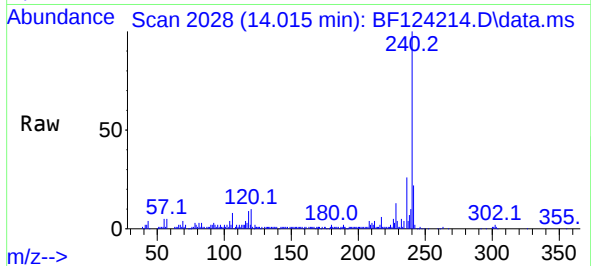
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

Tgt Ion:240 Resp: 81927
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 25.5 19.0 28.4

Instrument :
BNA_F
ClientSampleId :
18-B12(6-10)

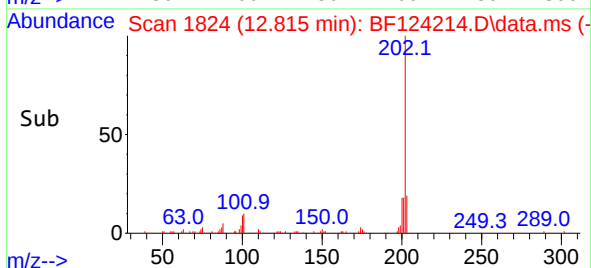
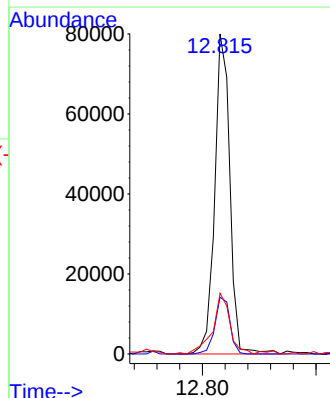
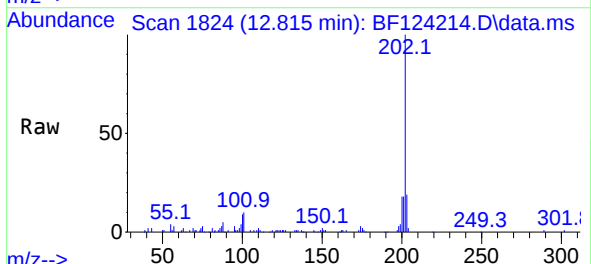
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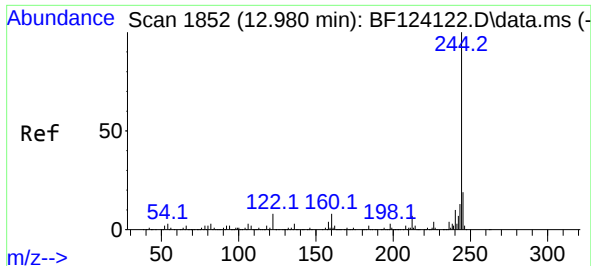
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#78
Pyrene
Concen: 9.397 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

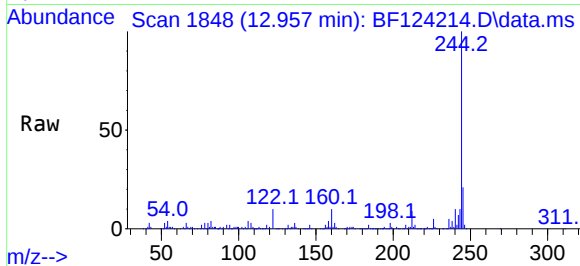
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Ion Ratio Lower Upper
202 100
200 17.7 16.1 24.1
203 18.9 14.8 22.2





#79
Terphenyl-d14
Concen: 35.231 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

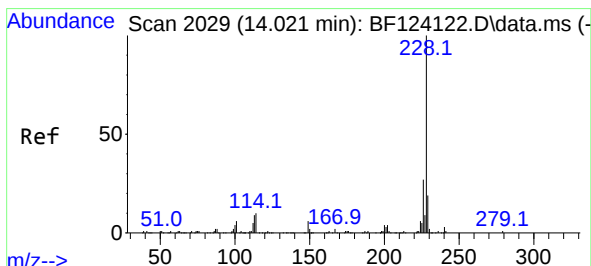
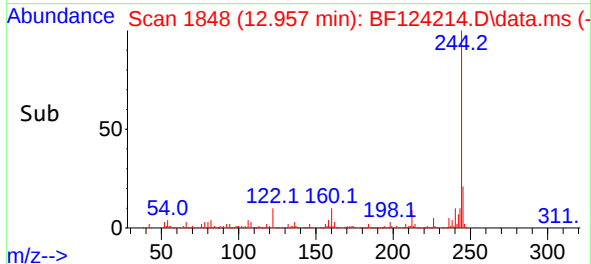
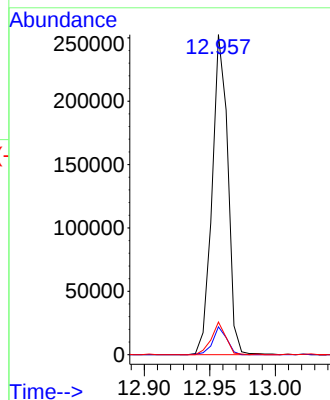
Instrument :
BNA_F
ClientSampleId :
18-B12(6-10)



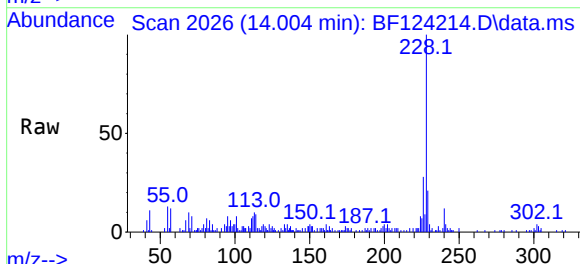
Tgt Ion:244 Resp: 210229
Ion Ratio Lower Upper
244 100
212 8.7 5.7 8.5#
122 10.2 9.7 14.5

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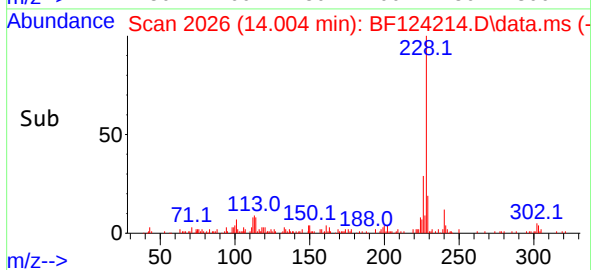
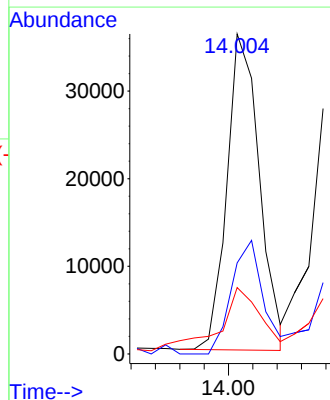
mohammad
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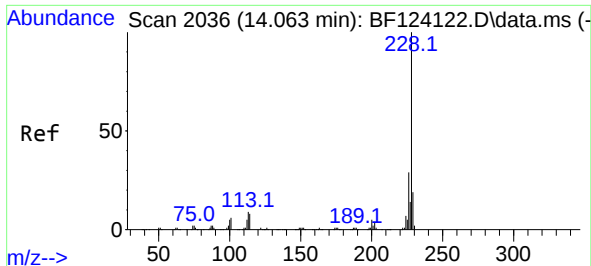


#81
Benzo(a)anthracene
Concen: 5.597 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06



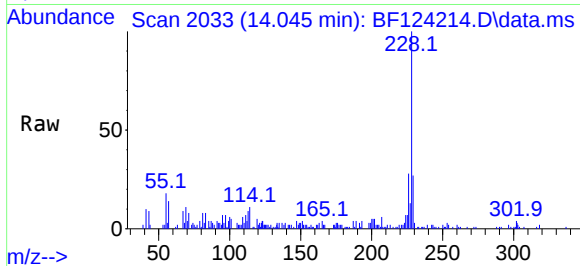
Tgt Ion:228 Resp: 33402
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 20.8 16.0 24.0





#83
Chrysene
Concen: 5.341 ng m
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

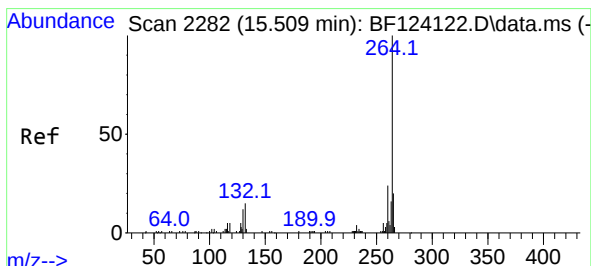
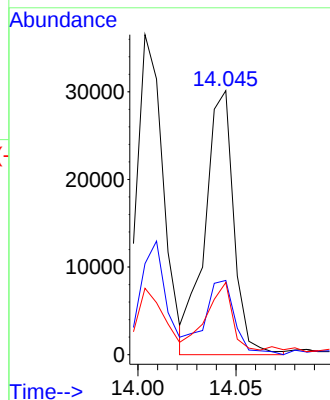
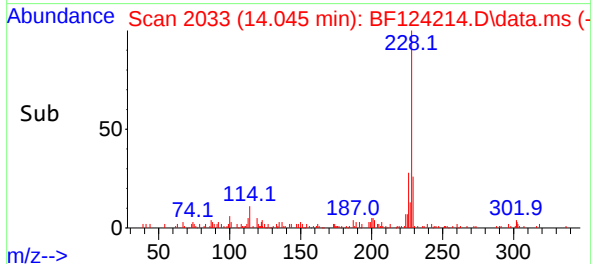
Instrument :
BNA_F
ClientSampled :
18-B12(6-10)



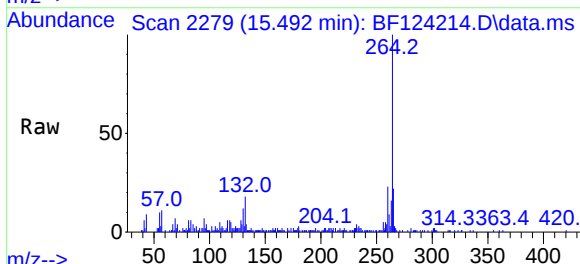
Tgt Ion:228 Resp: 30755
Ion Ratio Lower Upper
228 100
226 28.1 24.3 36.5
229 27.3 16.2 24.2#

Manual Integrations
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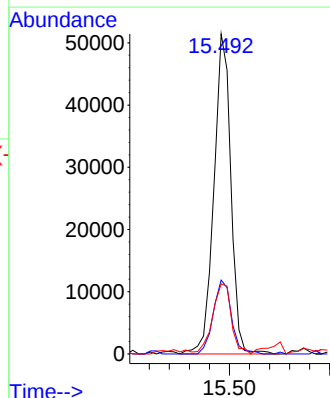
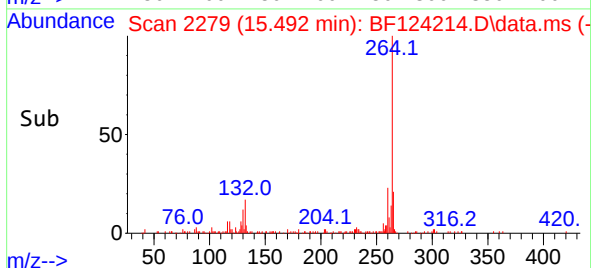
mohammad
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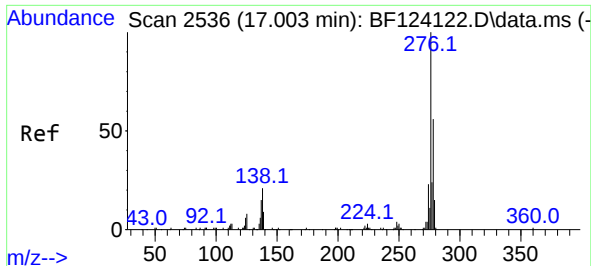


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06



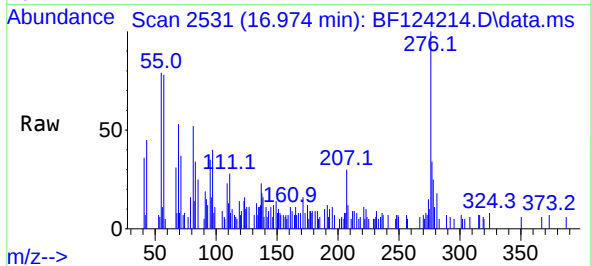
Tgt Ion:264 Resp: 60368
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.9 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.649 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

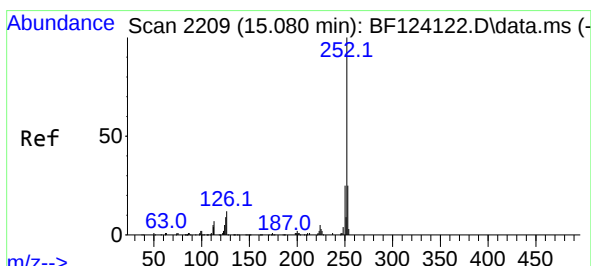
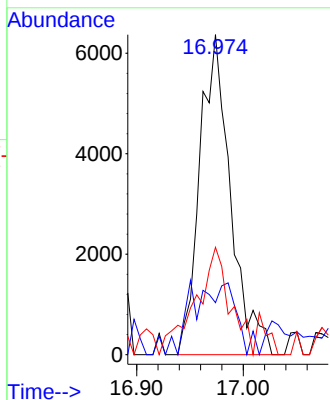
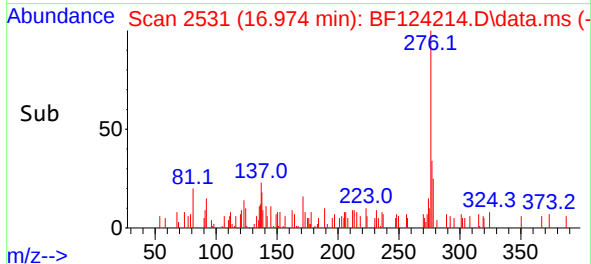
Instrument :
BNA_F
ClientSampleId :
18-B12(6-10)



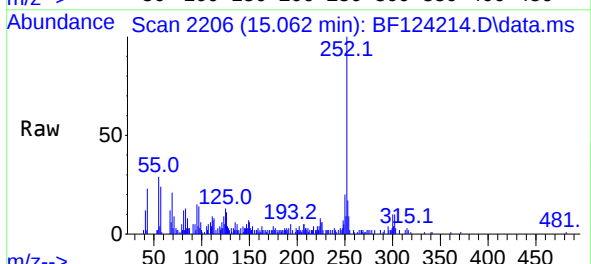
Tgt Ion:276 Resp: 12782
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 37.6 20.1 30.1#

Manual Integrations
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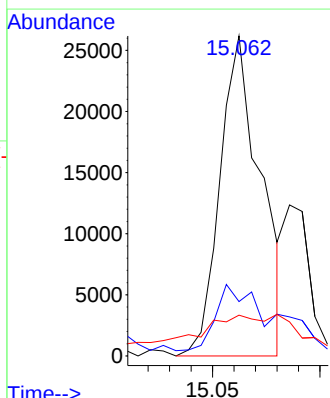
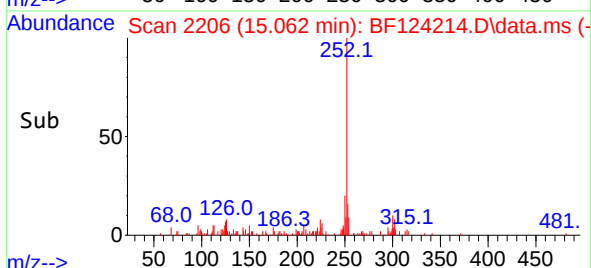
mohammad
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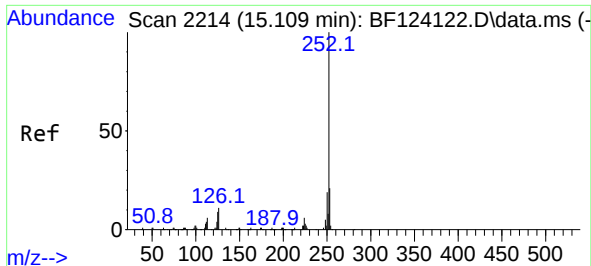


#88
Benzo(b)fluoranthene
Concen: 7.376 ng m
RT: 15.062 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06



Tgt Ion:252 Resp: 34590
Ion Ratio Lower Upper
252 100
253 17.0 18.1 27.1#
125 12.7 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.346 ng m

RT: 15.086 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BF124214.D

Acq: 9 Jun 2021 18:06

Tgt Ion:	252	Resp:	10414
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.9	26.9
125	22.5	7.0	10.6#

Instrument :

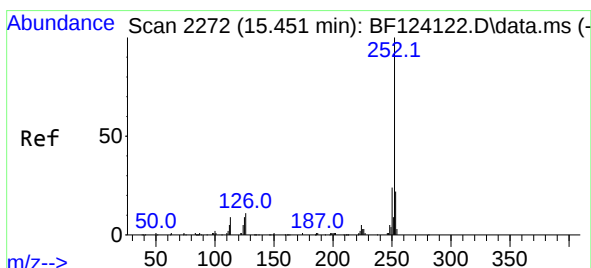
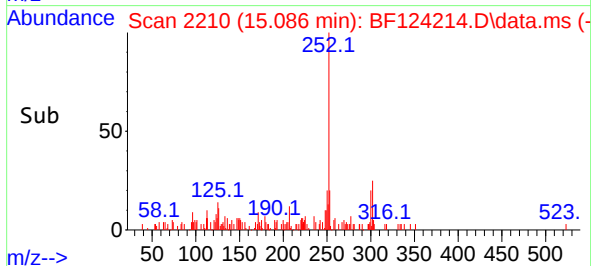
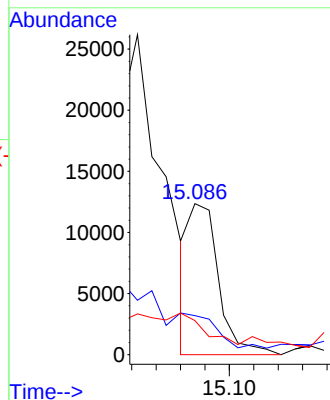
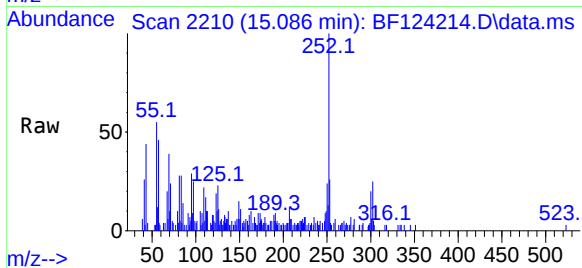
BNA_F

ClientSampleId :

18-B12(6-10)

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#90

Benzo(a)pyrene

Concen: 5.597 ng

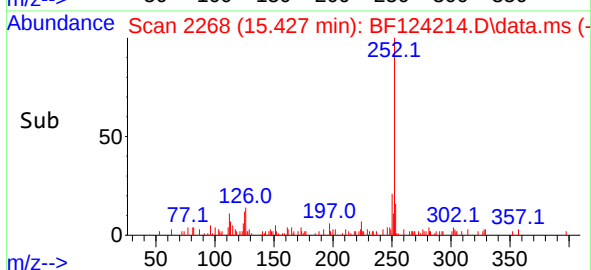
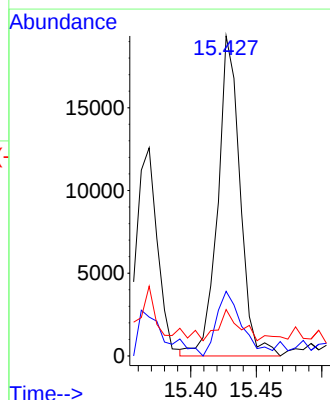
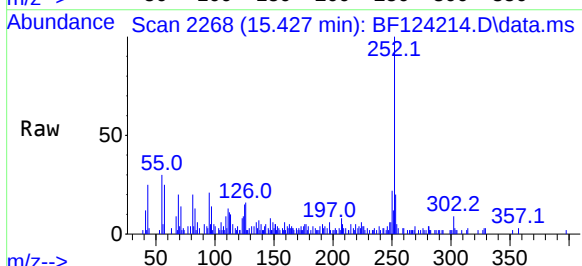
RT: 15.427 min Scan# 2268

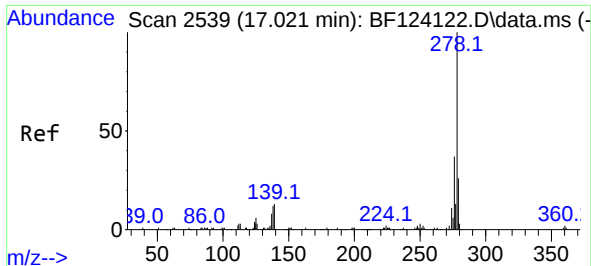
Delta R.T. -0.006 min

Lab File: BF124214.D

Acq: 9 Jun 2021 18:06

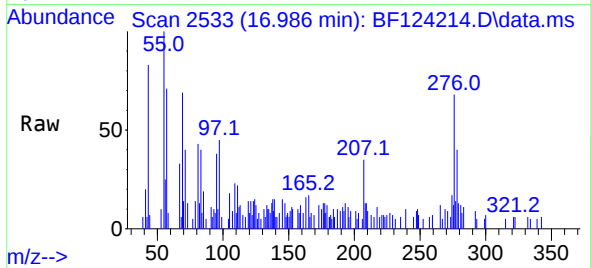
Tgt Ion:	252	Resp:	22796
Ion Ratio	Lower	Upper	
252	100		
253	20.2	18.4	27.6
125	14.5	8.0	12.0#





#91
Dibenzo(a,h)anthracene
Concen: 5.179 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.006 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06

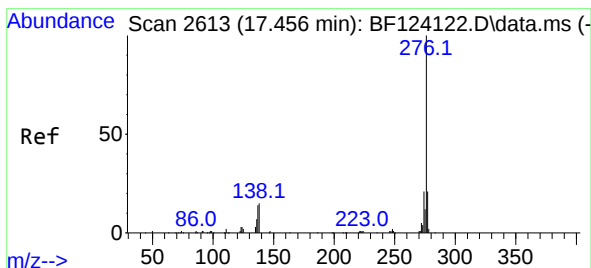
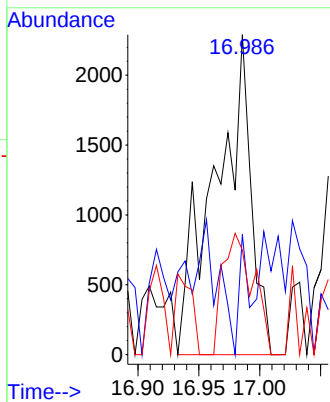
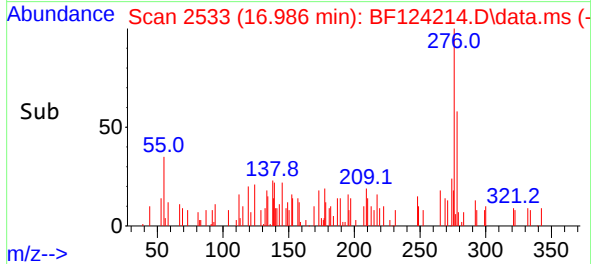
Instrument :
BNA_F
ClientSampleId :
18-B12(6-10)



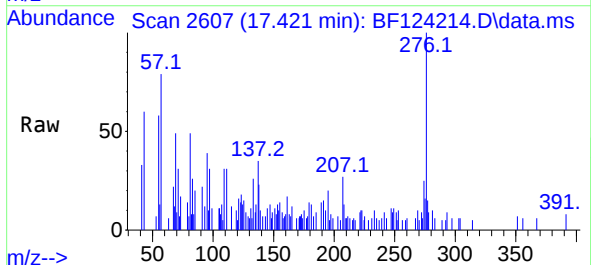
Tgt Ion:278 Resp: 4718
Ion Ratio Lower Upper
278 100
139 37.6 10.2 15.2#
279 32.7 19.4 29.0#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.586 ng m
RT: 17.421 min Scan# 2607
Delta R.T. -0.012 min
Lab File: BF124214.D
Acq: 9 Jun 2021 18:06



Tgt Ion:276 Resp: 12771
Ion Ratio Lower Upper
276 100
277 15.4 18.2 27.2#
138 23.3 13.8 20.6#

