

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124142.D
 Acq On : 4 Jun 2021 16:28
 Operator : JU/CG
 Sample : M2588-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-074-A

Manual Integrations
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Quant Time: Jun 04 16:54:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	40464	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	135729	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	70315	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	111293	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	80991	20.00	ng	0.00
86) Perylene-d12	15.515	264	60171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	247575	92.10	ng	0.00
7) Phenol-d6	6.504	99	302083	83.61	ng	0.00
23) Nitrobenzene-d5	7.428	82	228406	66.74	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	76209	76.50	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	364942	65.31	ng	0.00
79) Terphenyl-d14	12.980	244	306809	52.01	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	56553	8.13	ng	100
72) Anthracene	11.463	178	15216	2.17	ng	94
75) Fluoranthene	12.604	202	84059	11.52	ng	96
78) Pyrene	12.833	202	76876	9.88	ng	97
81) Benzo(a)anthracene	14.021	228	38049	6.45	ng	96
83) Chrysene	14.057	228	32625	5.73	ng	97
87) Indeno(1,2,3-cd)pyrene	17.010	276	14982	7.06	ng	# 74
88) Benzo(b)fluoranthene	15.080	252	33064m	7.07	ng	
89) Benzo(k)fluoranthene	15.104	252	13856m	3.13	ng	
90) Benzo(a)pyrene	15.451	252	24975	6.15	ng	# 85
92) Benzo(g,h,i)perylene	17.457	276	14089	6.88	ng	# 85

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

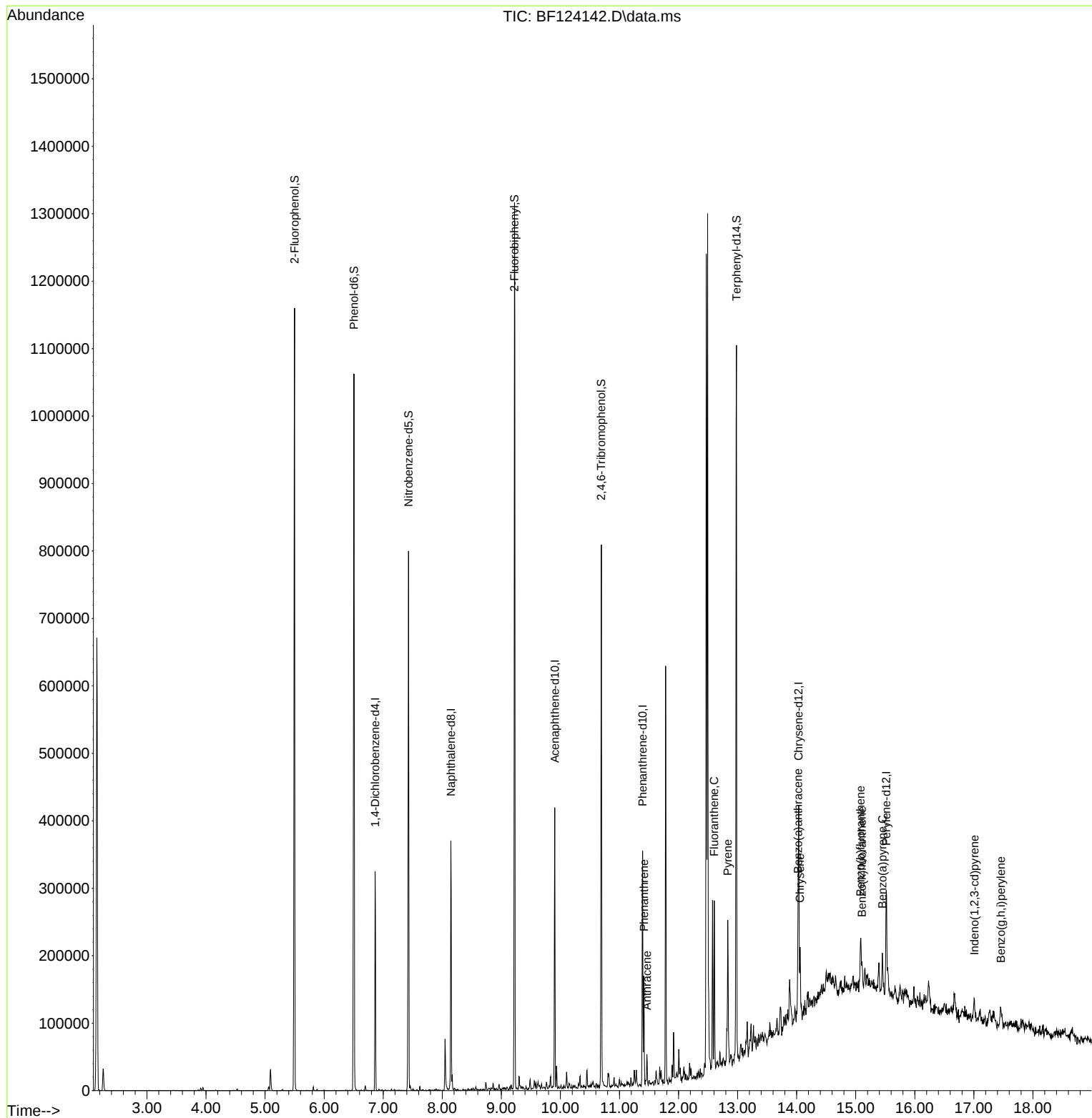
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124142.D
Acq On : 4 Jun 2021 16:28
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ALS Vial : 15 Sample Multiplier: 1

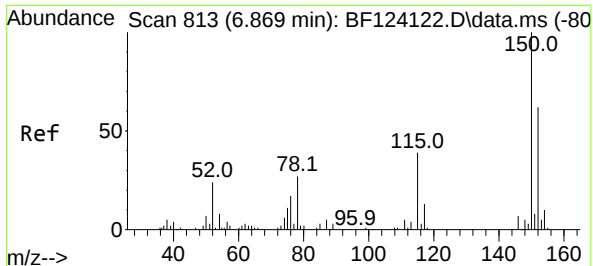
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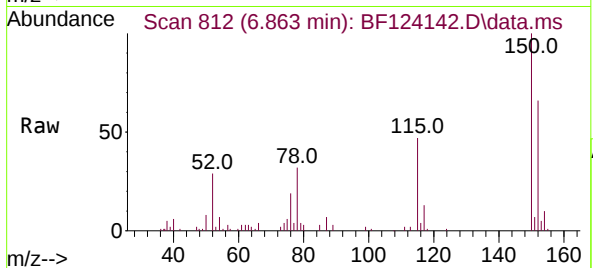
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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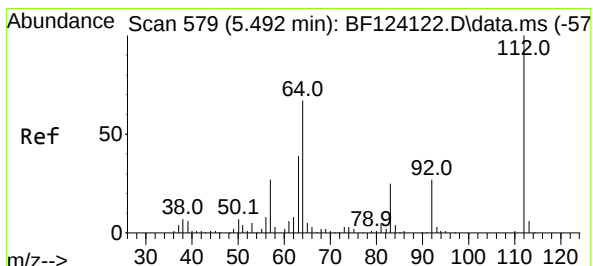
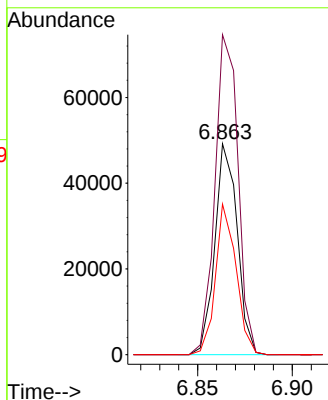
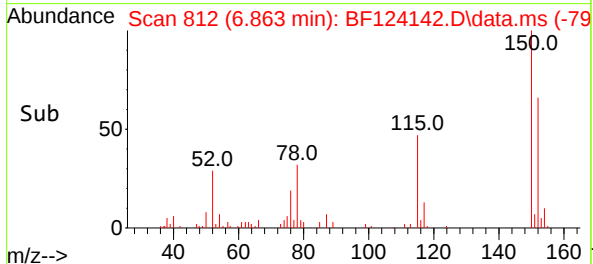




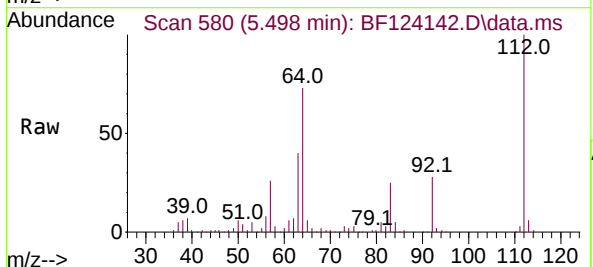
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124142.D
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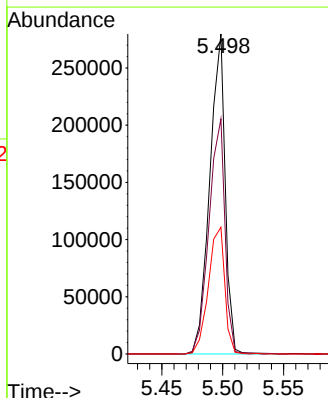
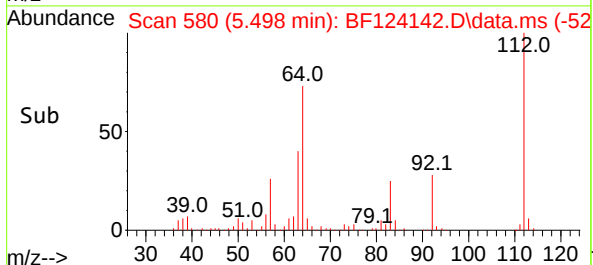
Tgt Ion:152 Resp: 40464
Ion Ratio Lower Upper
152 100
150 151.8 127.0 190.6
115 71.4 54.3 81.5



#5
2-Fluorophenol
Concen: 92.10 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28



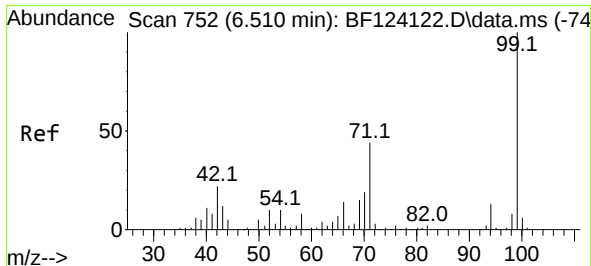
Tgt Ion:112 Resp: 247575
Ion Ratio Lower Upper
112 100
64 73.4 61.4 92.0
63 39.6 33.0 49.4



Instrument :
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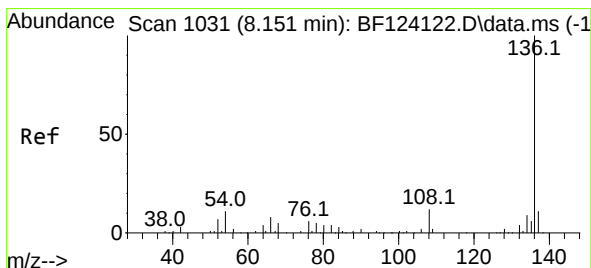
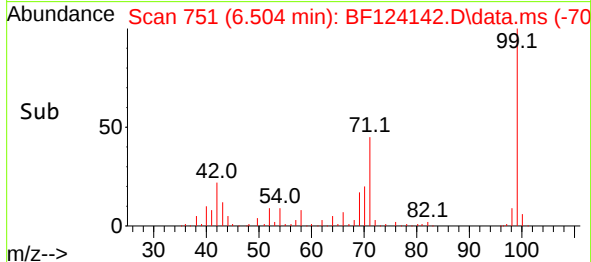
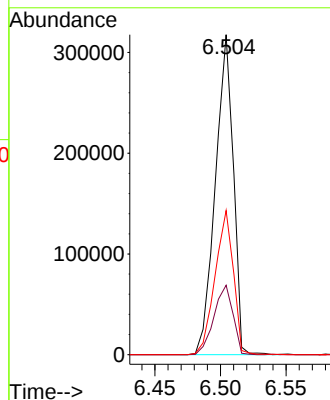
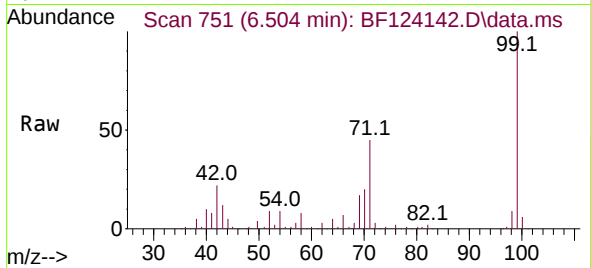
#7
Phenol-d6
Concen: 83.61 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28

Tgt Ion: 99 Resp: 302083
Ion Ratio Lower Upper
99 100
42 21.7 19.8 29.8
71 45.0 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-074-A

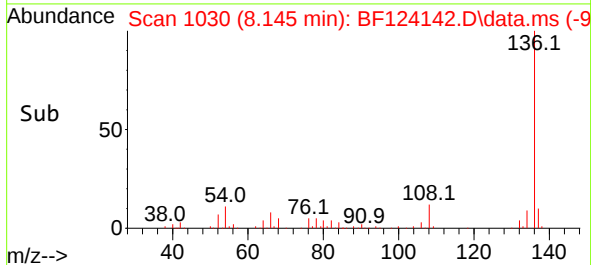
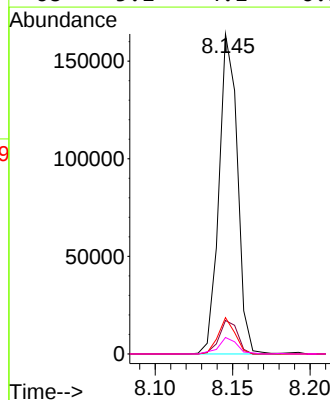
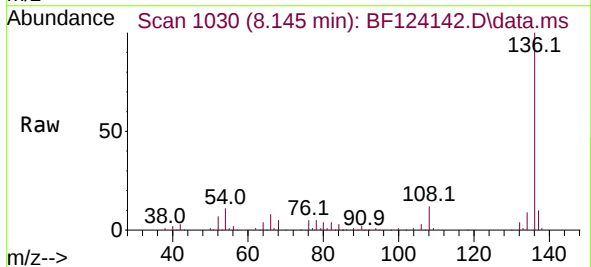
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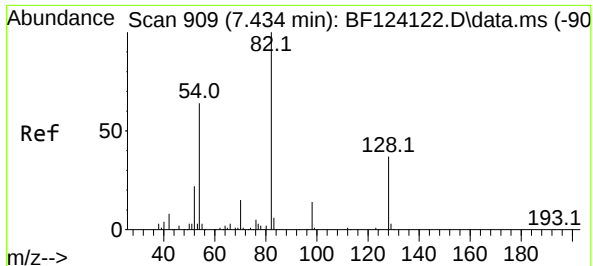
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28

Tgt Ion: 136 Resp: 135729
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 11.3 9.8 14.6
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

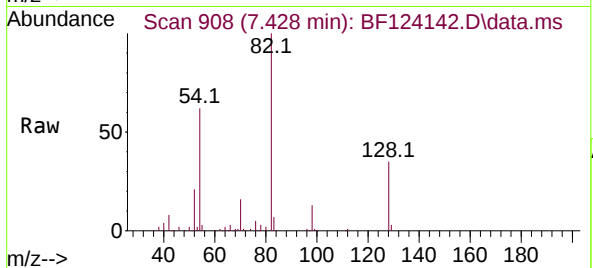
Concen: 66.74 ng

RT: 7.428 min Scan# 908

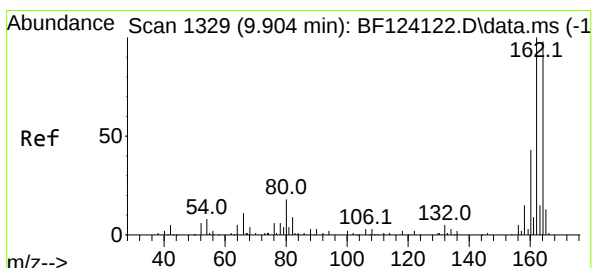
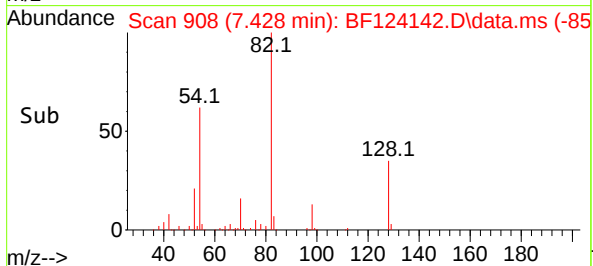
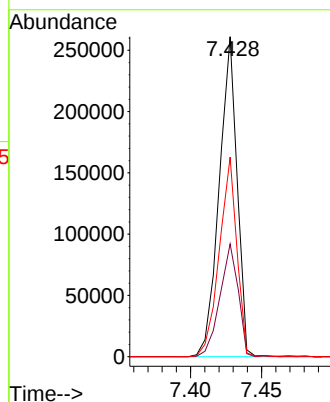
Delta R.T. -0.006 min

Lab File: BF124142.D

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Tgt Ion:	82	Resp:	228406
Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.4	44.2
54	62.3	54.1	81.1



#39

Acenaphthene-d10

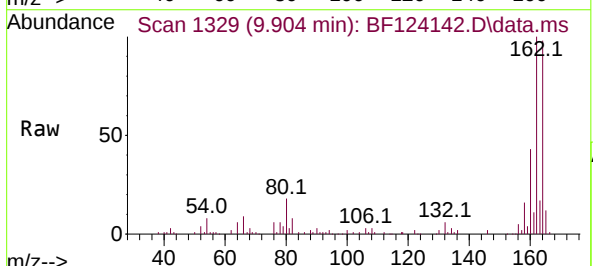
Concen: 20.00 ng

RT: 9.904 min Scan# 1329

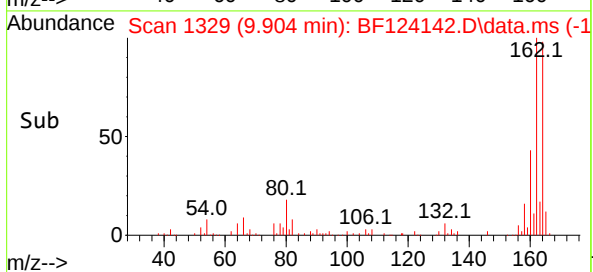
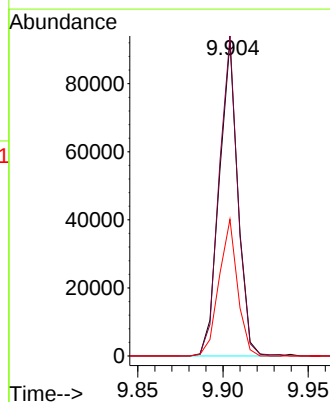
Delta R.T. 0.000 min

Lab File: BF124142.D

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Tgt Ion:	164	Resp:	70315
Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.7	121.1
160	43.4	37.3	55.9



Instrument :

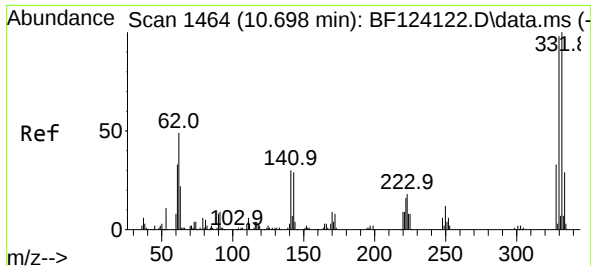
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ClientSampleId :

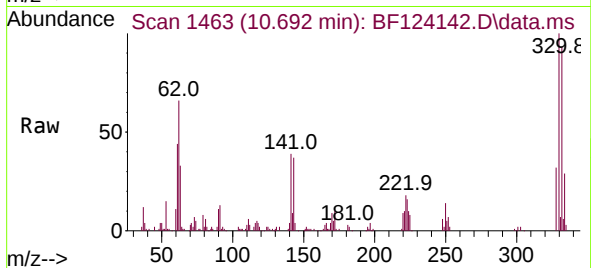
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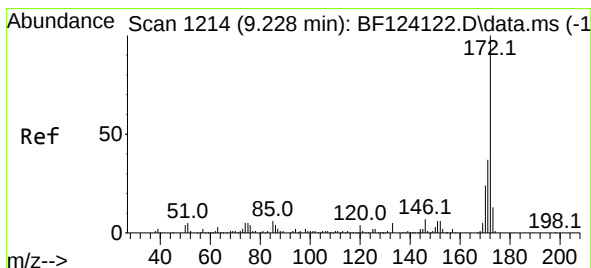
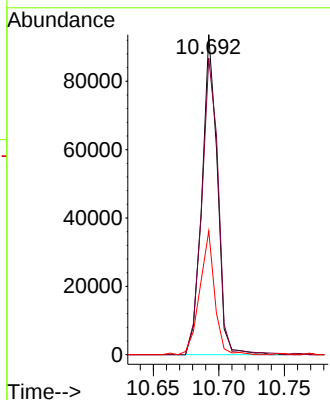
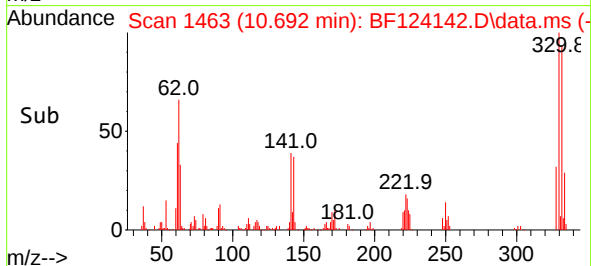
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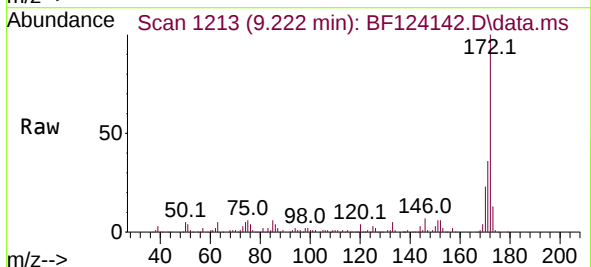
#42
2,4,6-Tribromophenol
Concen: 76.50 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28



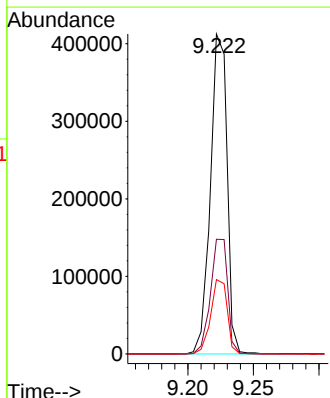
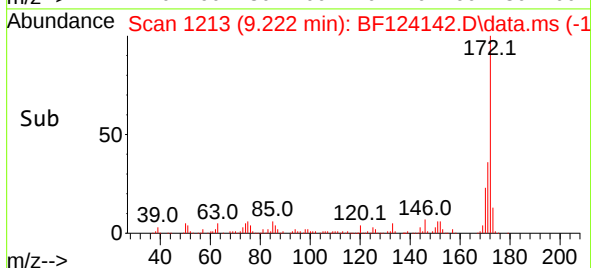
Tgt Ion: 330 Resp: 76209
Ion Ratio Lower Upper
330 100
332 99.3 77.1 115.7
141 37.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 65.31 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28



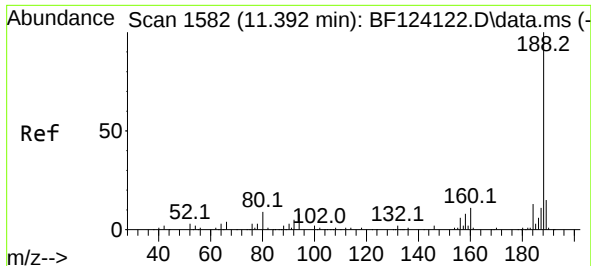
Tgt Ion: 172 Resp: 364942
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.2 19.2 28.8



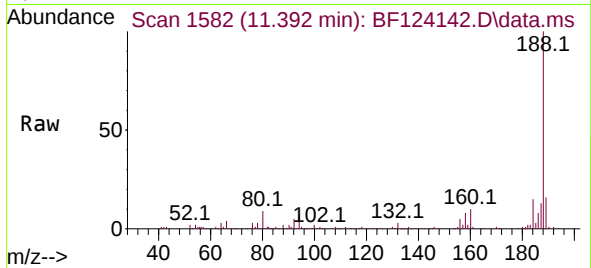
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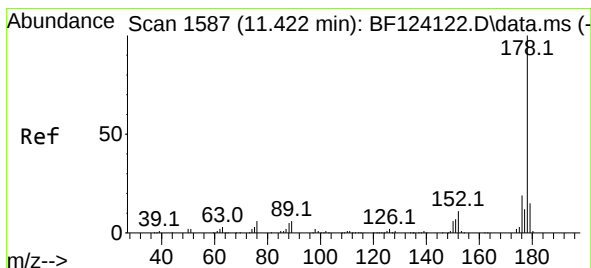
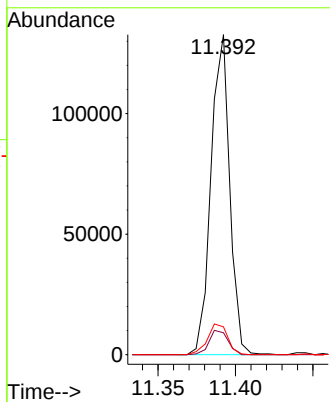
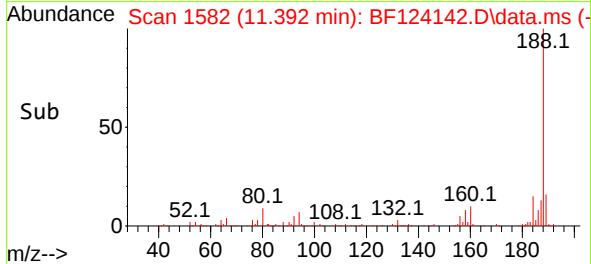
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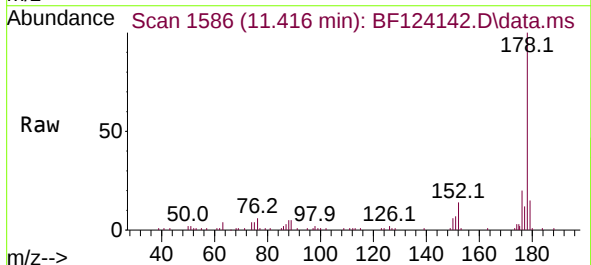
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28



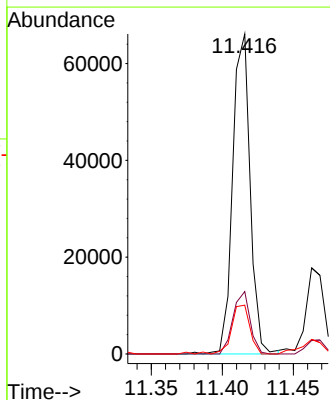
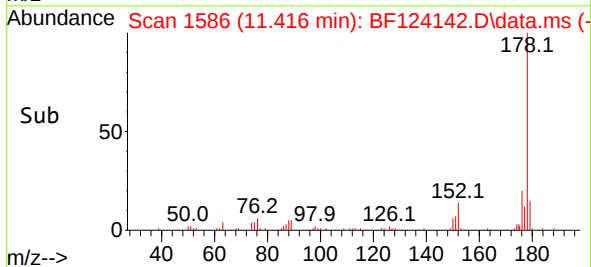
Tgt Ion:188 Resp: 111293
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 8.7 8.2 12.2



#71
Phenanthrene
Concen: 8.13 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28



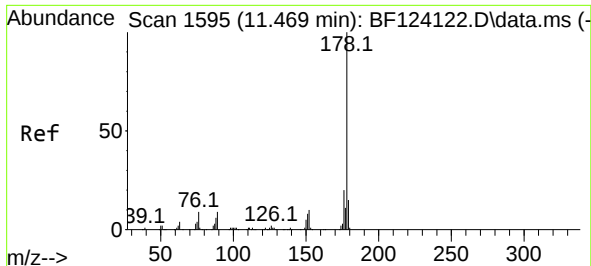
Tgt Ion:178 Resp: 56553
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.2 12.5 18.7



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-074-A

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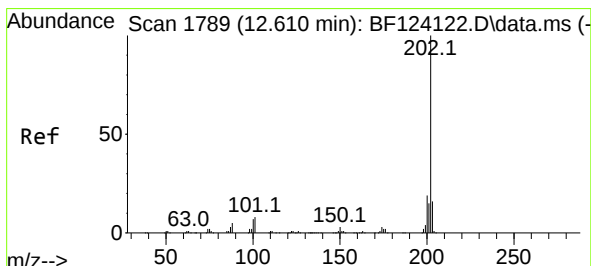
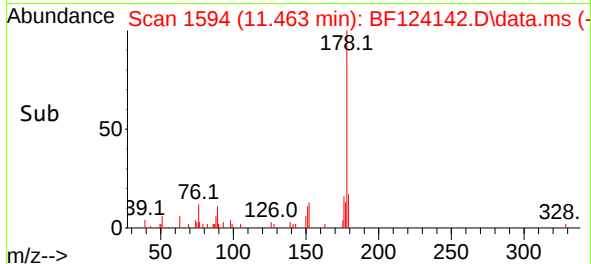
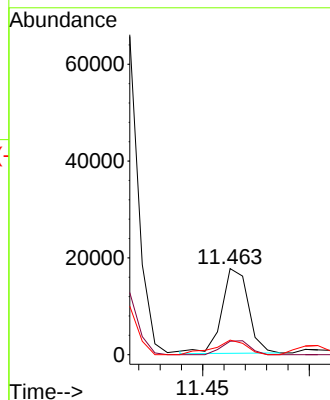
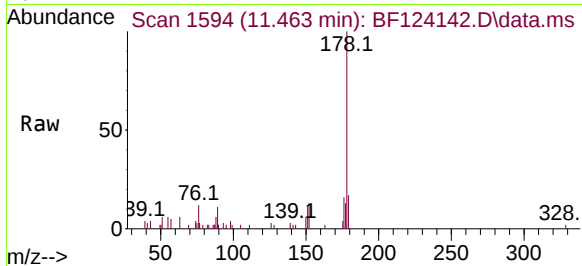
#72
 Anthracene
 Concen: 2.17 ng
 RT: 11.463 min Scan# 1594
 Delta R.T. -0.006 min
 Lab File: BF124142.D
 Acq: 4 Jun 2021 16:28

Tgt Ion:	178	Resp:	15216
Ion Ratio	Lower	Upper	
178	100		
176	15.7	15.4	23.0
179	17.0	12.6	18.8

Instrument :
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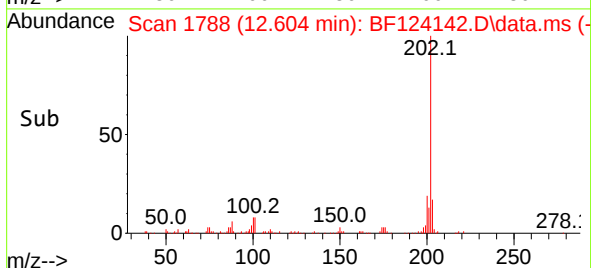
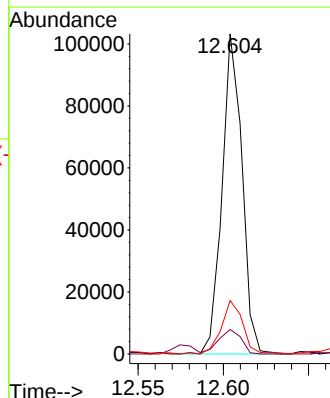
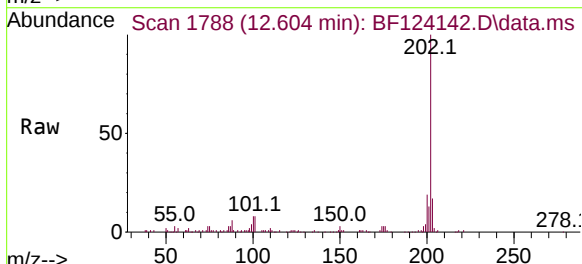
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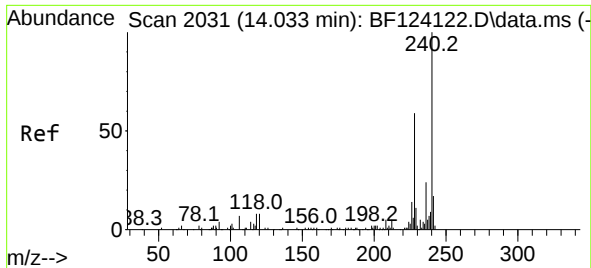
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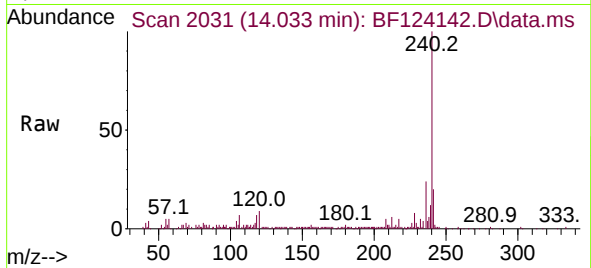
#75
 Fluoranthene
 Concen: 11.52 ng
 RT: 12.604 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: BF124142.D
 Acq: 4 Jun 2021 16:28

Tgt Ion:	202	Resp:	84059
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	30.9
203	16.7	0.0	37.5

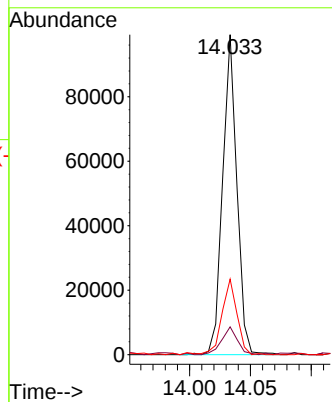
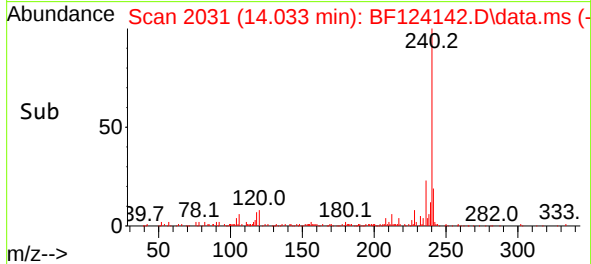




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28



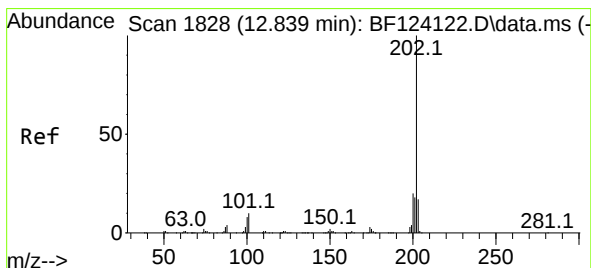
Tgt Ion:240 Resp: 80991
Ion Ratio Lower Upper
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120 8.7 7.2 10.8
236 23.6 19.0 28.4



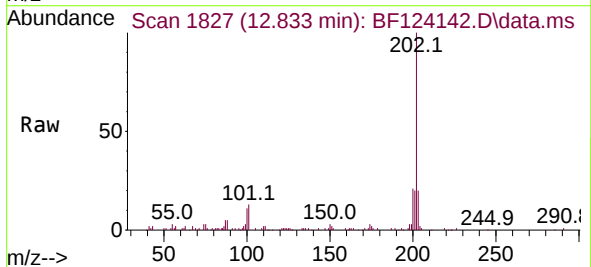
Instrument :
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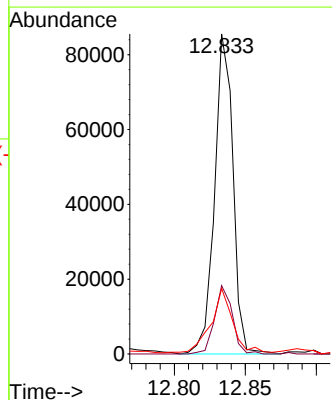
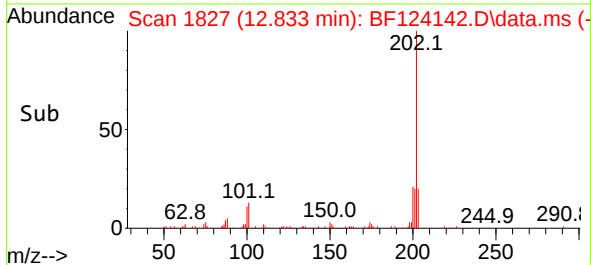
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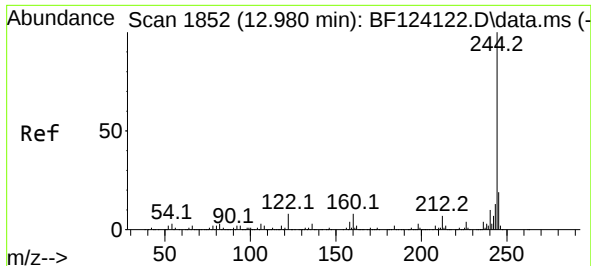


#78
Pyrene
Concen: 9.88 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28

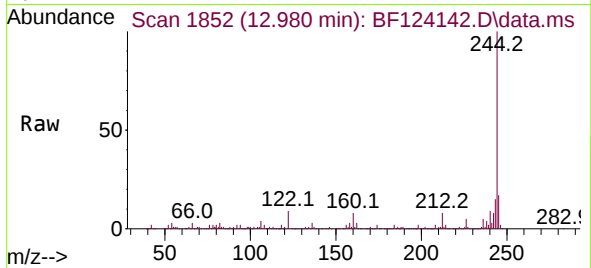


Tgt Ion:202 Resp: 76876
Ion Ratio Lower Upper
202 100
200 21.3 16.1 24.1
203 20.4 14.8 22.2

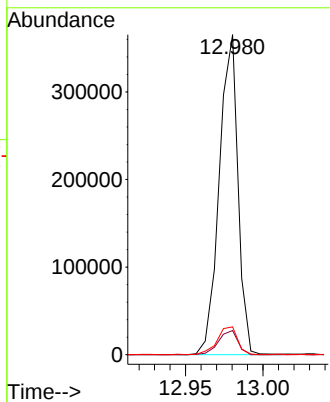
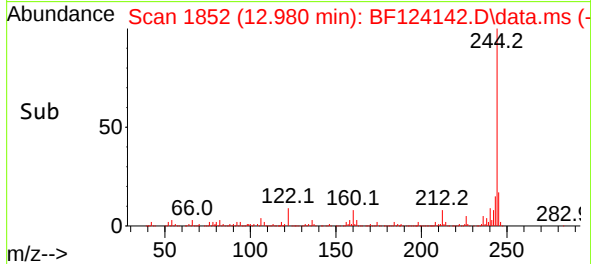




#79
Terphenyl-d14
Concen: 52.01 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28



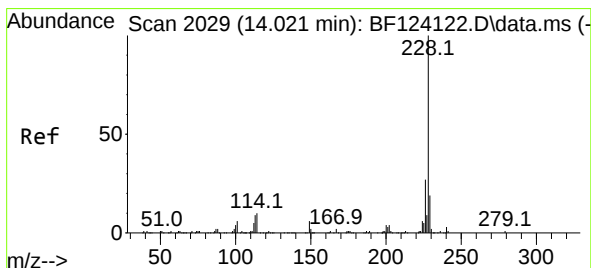
Tgt Ion:244 Resp: 306809
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 8.7 9.7 14.5#



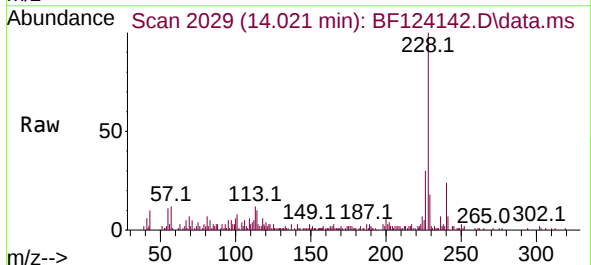
Instrument :
BNA_F
ClientSampleId :
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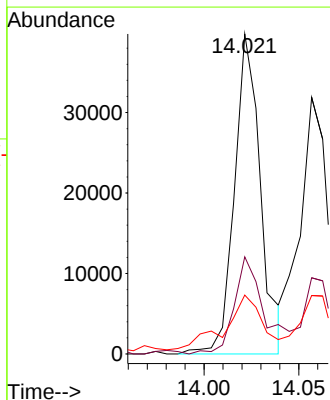
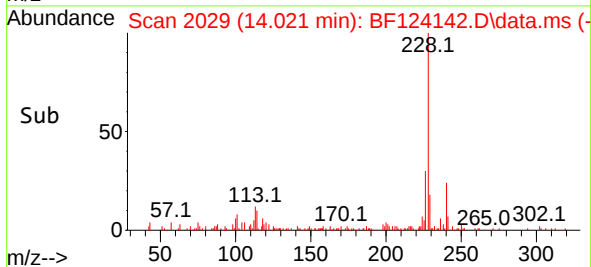
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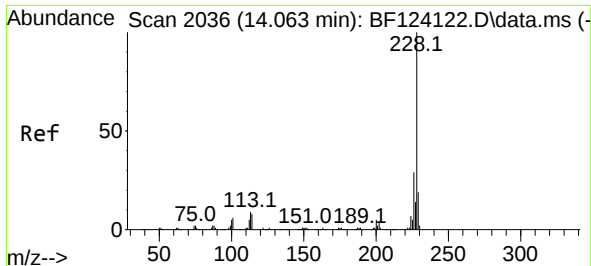


#81
Benzo(a)anthracene
Concen: 6.45 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28

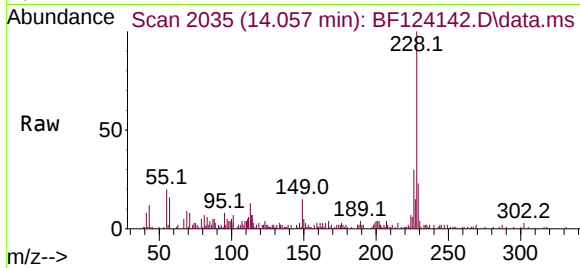


Tgt Ion:228 Resp: 38049
Ion Ratio Lower Upper
228 100
226 30.4 22.4 33.6
229 18.4 16.0 24.0





#83
Chrysene
Concen: 5.73 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28

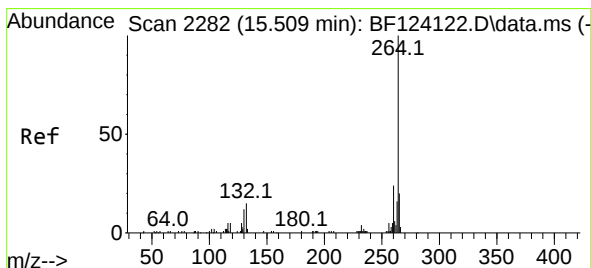
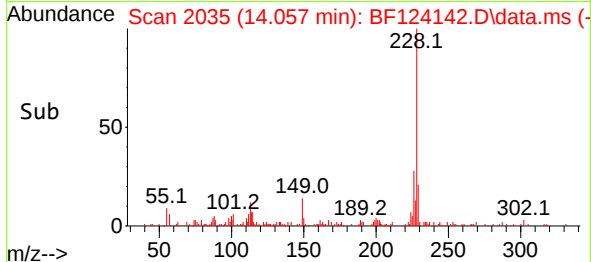
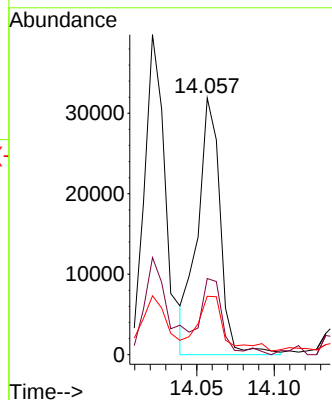


Tgt Ion:228 Resp: 32625
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 22.8 16.2 24.2

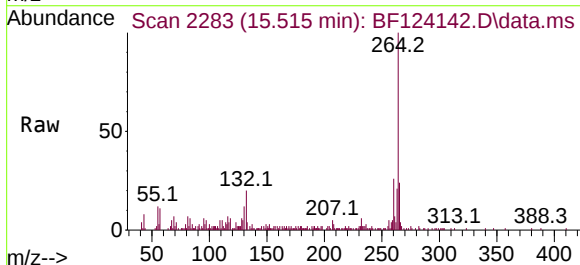
Instrument :
BNA_F
ClientSampleId :
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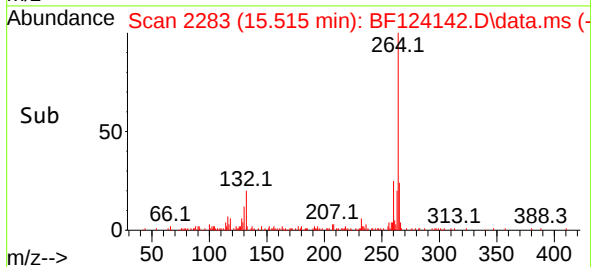
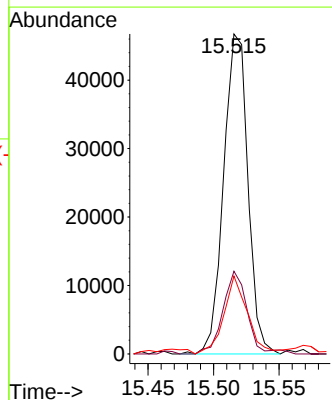
mohammad
6/7/2021 12:24:37 PM

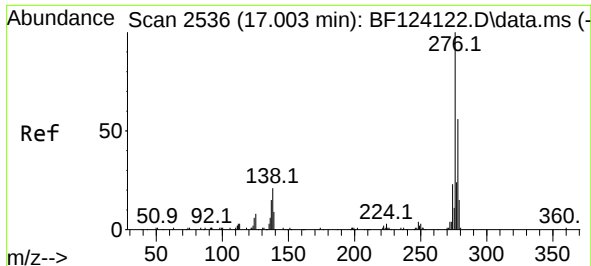


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28



Tgt Ion:264 Resp: 60171
Ion Ratio Lower Upper
264 100
260 25.8 18.7 28.1
265 24.3 17.8 26.8





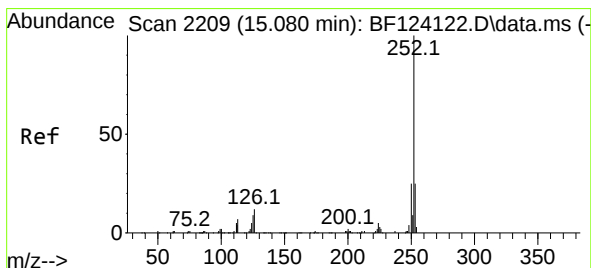
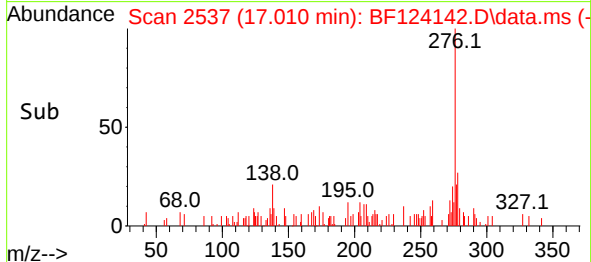
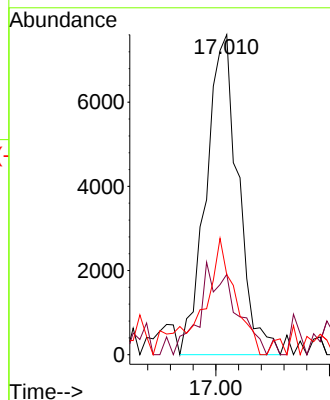
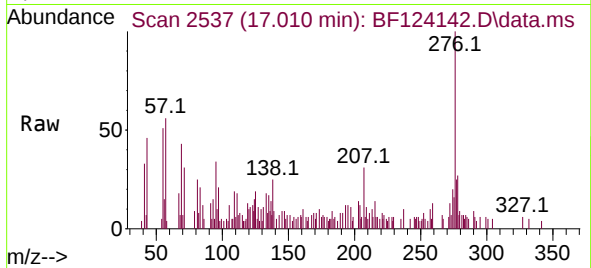
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.06 ng
RT: 17.010 min Scan# 2537
Delta R.T. 0.007 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28

Tgt Ion: 276 Resp: 14982
Ion Ratio Lower Upper
276 100
138 33.1 16.2 24.2#
277 37.4 20.1 30.1#

Instrument :
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ClientSampleId :
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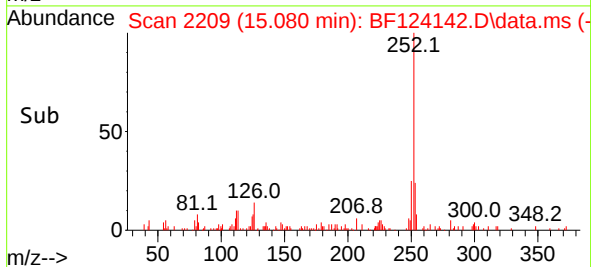
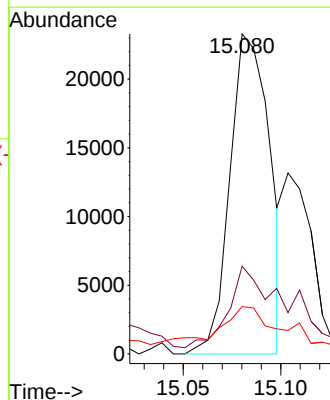
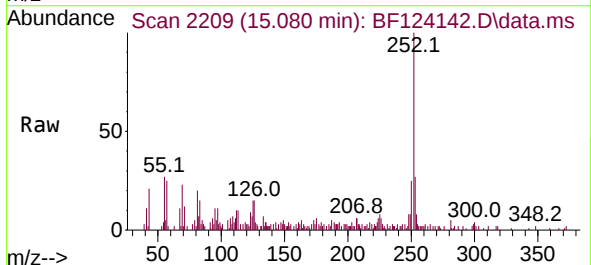
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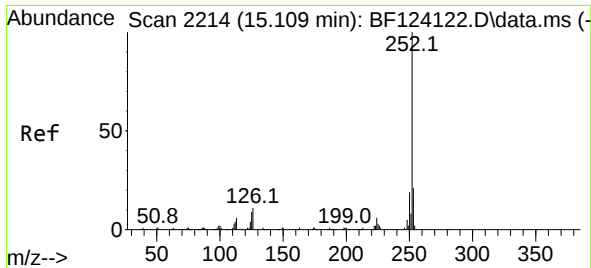
mohammad
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#88
Benzo(b)fluoranthene
Concen: 7.07 ng m
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124142.D
Acq: 4 Jun 2021 16:28

Tgt Ion: 252 Resp: 33064
Ion Ratio Lower Upper
252 100
253 27.5 18.1 27.1#
125 14.8 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 3.13 ng m

RT: 15.104 min Scan# 2213

Delta R.T. -0.006 min

Lab File: BF124142.D

Acq: 4 Jun 2021 16:28

Tgt Ion:	252	Resp:	13856
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	13.0	7.0	10.6#

Instrument :

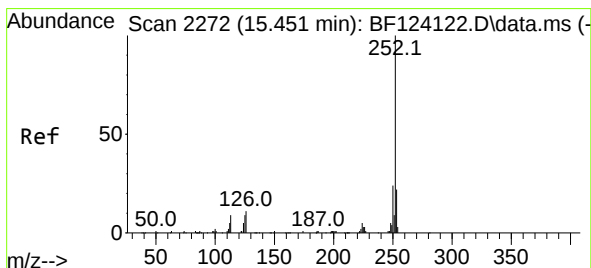
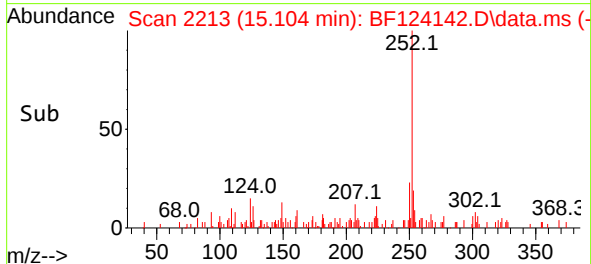
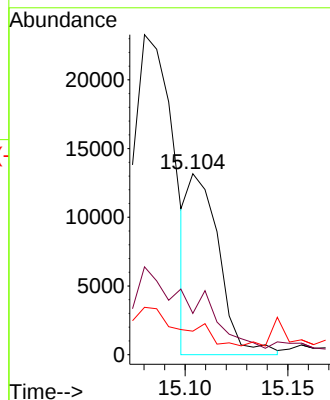
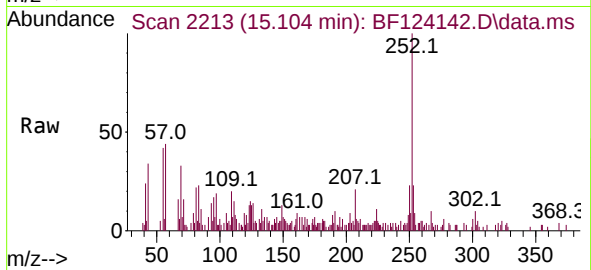
BNA_F

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 6.15 ng

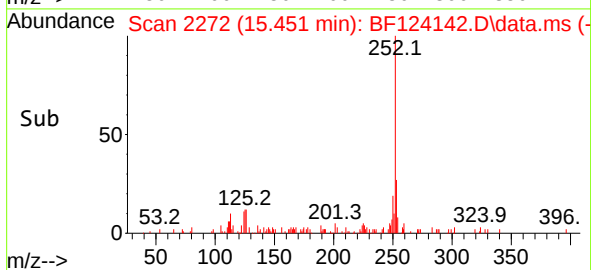
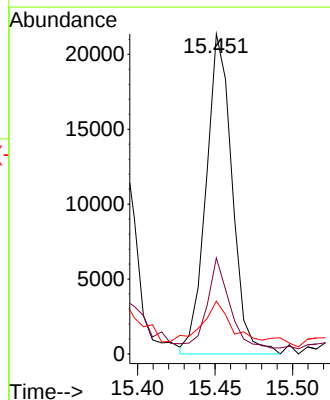
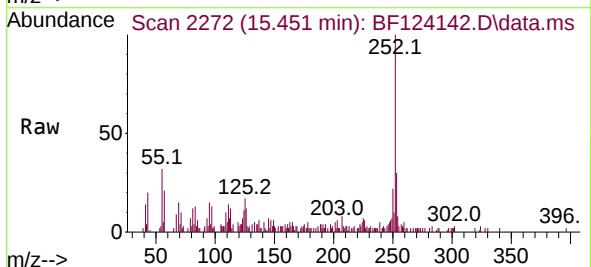
RT: 15.451 min Scan# 2272

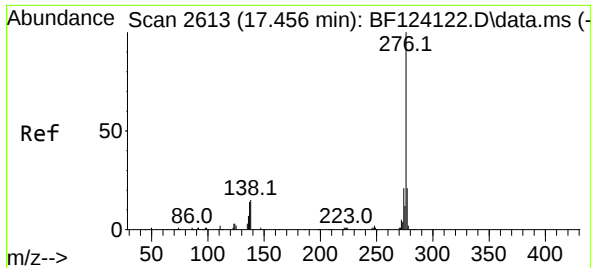
Delta R.T. 0.000 min

Lab File: BF124142.D

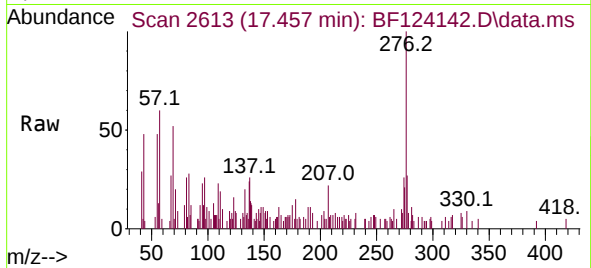
Acq: 4 Jun 2021 16:28

Tgt Ion:	252	Resp:	24975
Ion Ratio	Lower	Upper	
252	100		
253	30.0	18.4	27.6#
125	16.5	8.0	12.0#

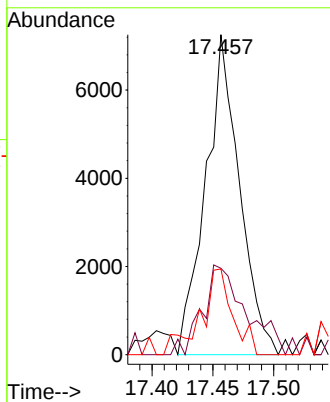
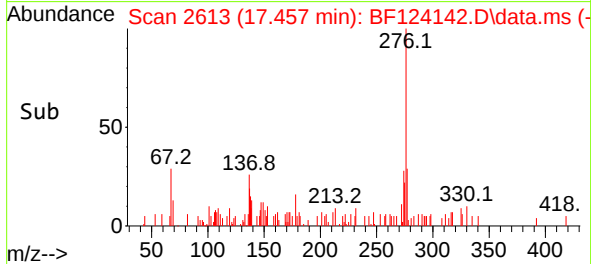




#92
 Benzo(g,h,i)perylene
 Concen: 6.88 ng
 RT: 17.457 min Scan# 2613
 Delta R.T. 0.001 min
 Lab File: BF124142.D
 Acq: 4 Jun 2021 16:28



Tgt Ion: 276 Resp: 14089
 Ion Ratio Lower Upper
 276 100
 277 27.0 18.2 27.2
 138 26.8 13.8 20.6#



Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-074-A

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