

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124140.D
 Acq On : 4 Jun 2021 15:22
 Operator : JU/CG
 Sample : M2588-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 04 16:14:01 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	40623	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	137518	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	68251	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	106040	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	90560	20.00	ng	0.00
86) Perylene-d12	15.515	264	63994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	267017	98.95	ng	0.00
7) Phenol-d6	6.504	99	324012	89.33	ng	0.00
23) Nitrobenzene-d5	7.428	82	248233	71.59	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	79776	82.50	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	410115	75.61	ng	0.00
79) Terphenyl-d14	12.980	244	354318	53.72	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	34831	5.26	ng	97
75) Fluoranthene	12.604	202	73622	10.59	ng	96
78) Pyrene	12.833	202	66811	7.68	ng	97
81) Benzo(a)anthracene	14.021	228	43066	6.53	ng	97
83) Chrysene	14.057	228	35146	5.52	ng	95
87) Indeno(1,2,3-cd)pyrene	16.998	276	15270	6.94	ng	# 88
88) Benzo(b)fluoranthene	15.080	252	39795m	8.01	ng	
89) Benzo(k)fluoranthene	15.104	252	12873m	2.74	ng	
90) Benzo(a)pyrene	15.451	252	28174	6.53	ng	93
92) Benzo(g,h,i)perylene	17.457	276	13904	6.66	ng	# 88

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

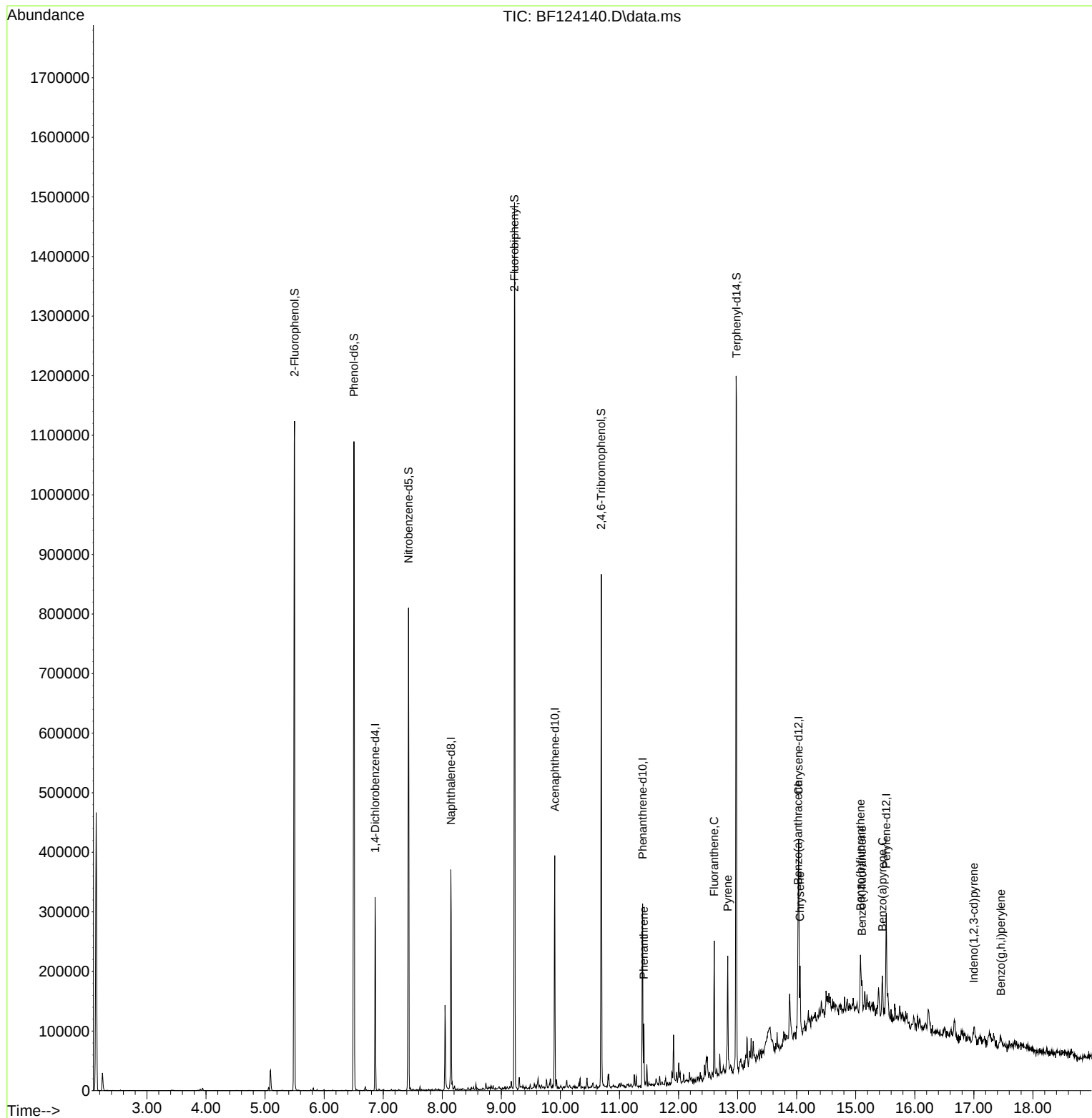
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124140.D
Acq On : 4 Jun 2021 15:22
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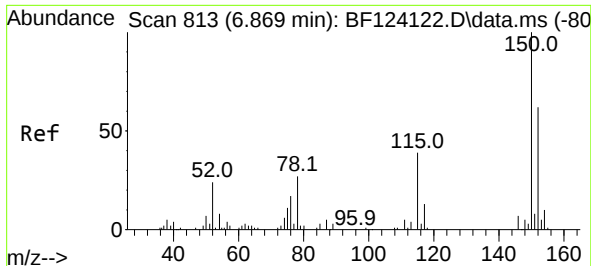
Instrument :
BNA_F
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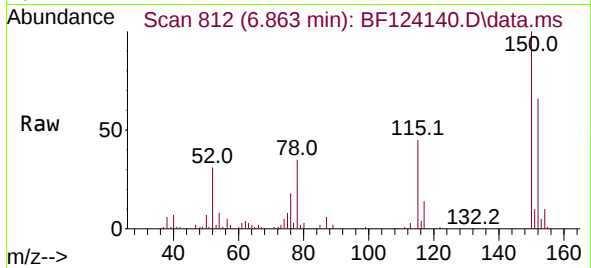
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Quant Time: Jun 04 16:14:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

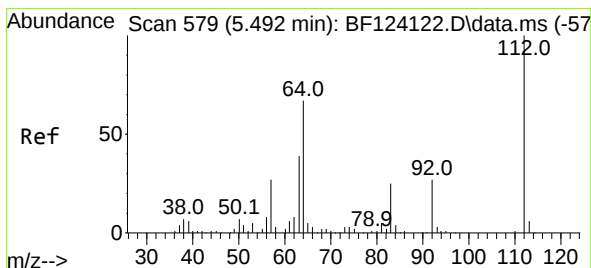
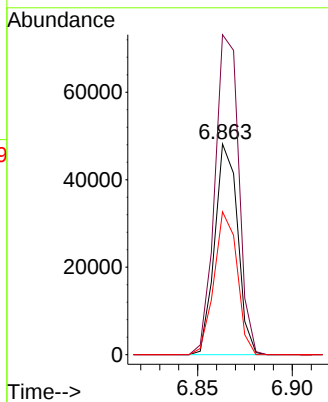
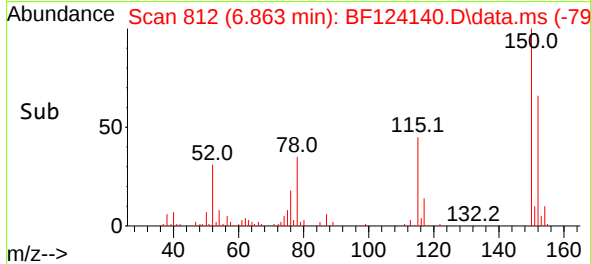




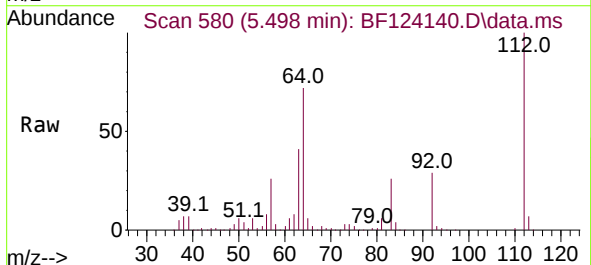
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22



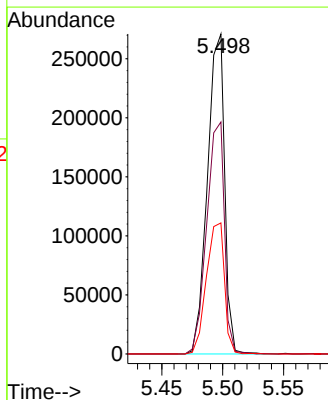
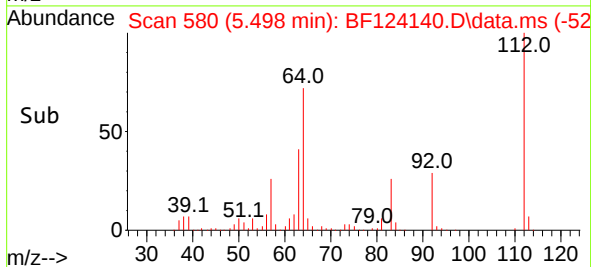
Tgt Ion:152 Resp: 40623
Ion Ratio Lower Upper
152 100
150 151.8 127.0 190.6
115 67.8 54.3 81.5



#5
2-Fluorophenol
Concen: 98.95 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22



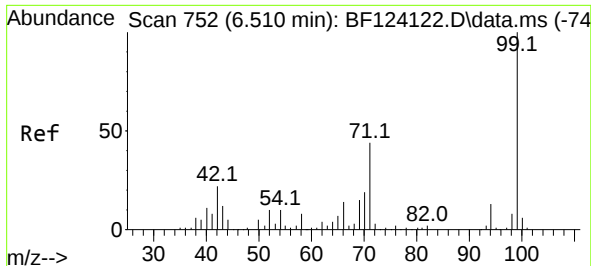
Tgt Ion:112 Resp: 267017
Ion Ratio Lower Upper
112 100
64 72.5 61.4 92.0
63 40.9 33.0 49.4



Instrument :
BNA_F
ClientSampleId :
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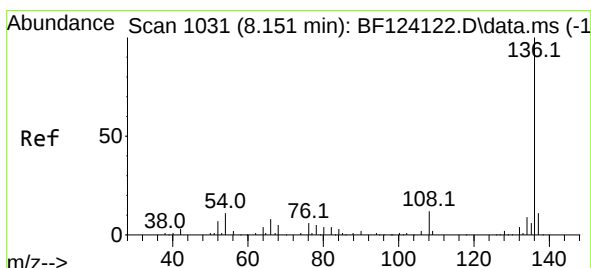
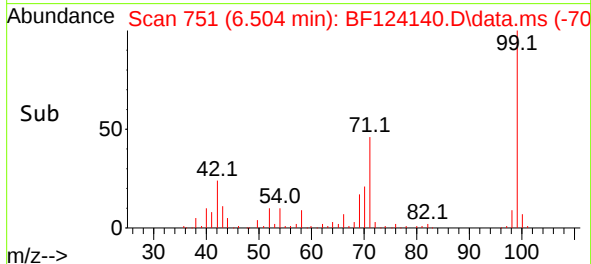
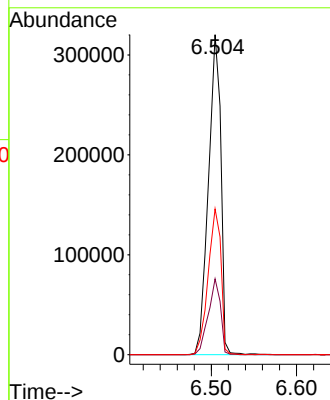
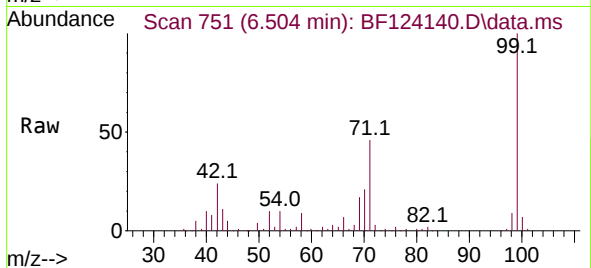
#7
Phenol-d6
Concen: 89.33 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22

Tgt Ion: 99 Resp: 324012
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.8
71 45.6 31.1 46.7

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

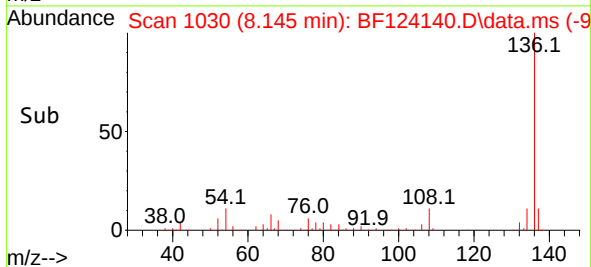
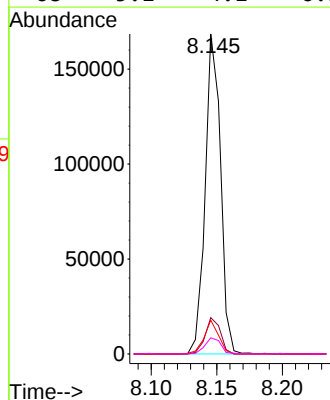
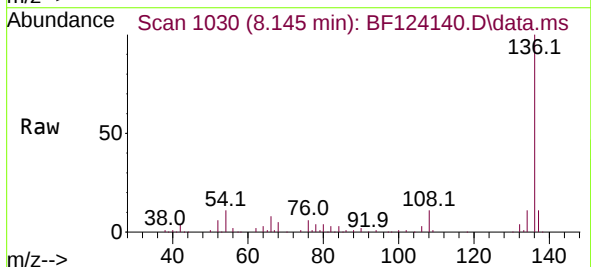
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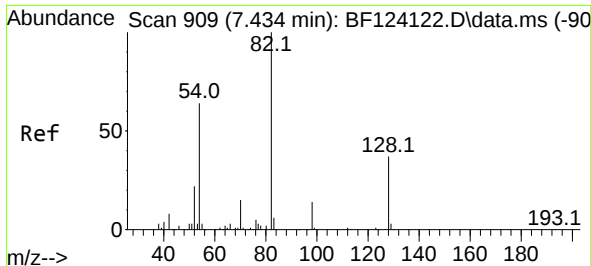
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22

Tgt Ion: 136 Resp: 137518
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.5 9.8 14.6
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 71.59 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF124140.D

Acq: 4 Jun 2021 15:22

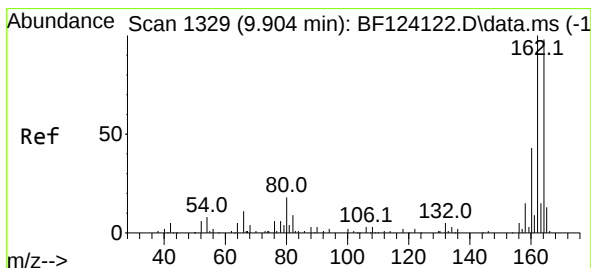
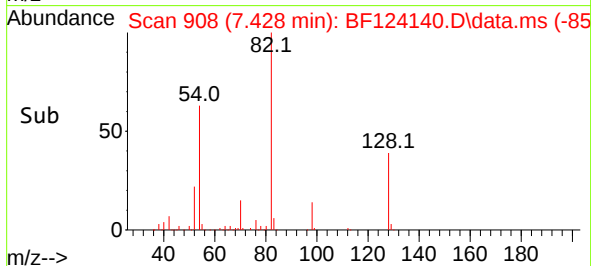
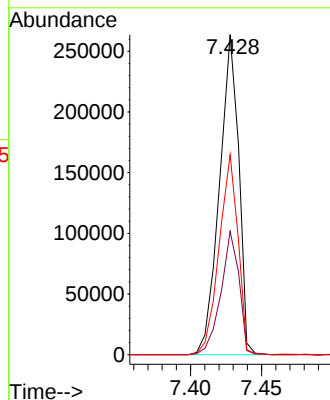
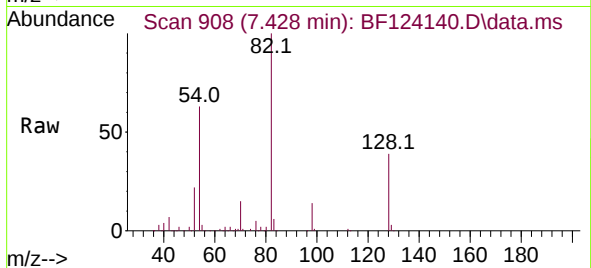
Tgt Ion: 82 Resp: 248233

Ion Ratio Lower Upper

82 100

128 38.6 29.4 44.2

54 62.5 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: BF124140.D

Acq: 4 Jun 2021 15:22

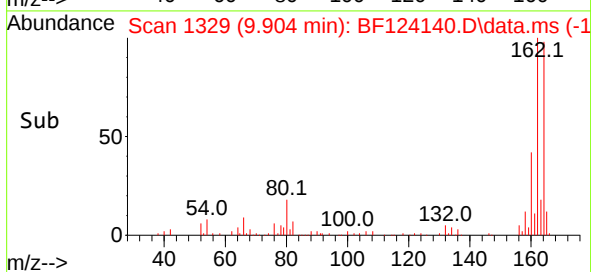
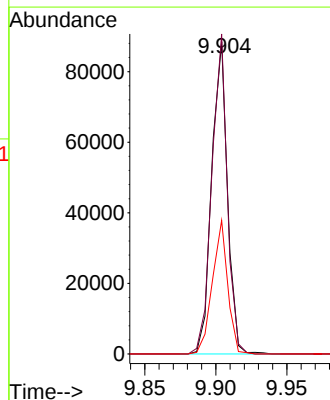
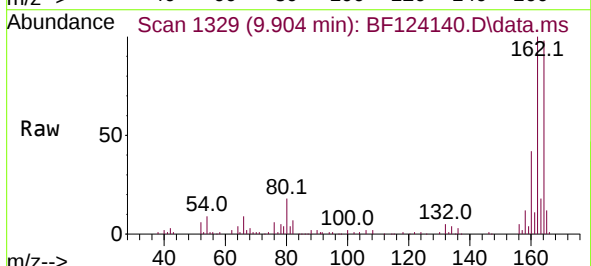
Tgt Ion: 164 Resp: 68251

Ion Ratio Lower Upper

164 100

162 102.6 80.7 121.1

160 42.8 37.3 55.9



Instrument :

BNA_F

ClientSampleId :

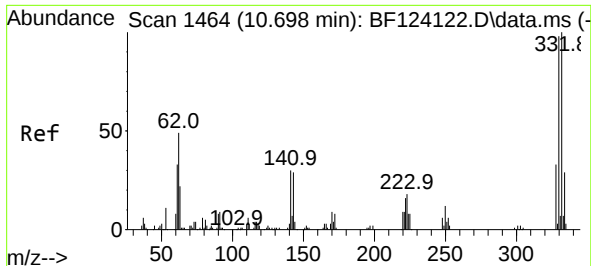
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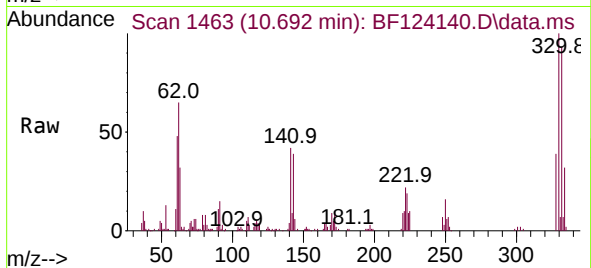
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#42
2,4,6-Tribromophenol
Concen: 82.50 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22

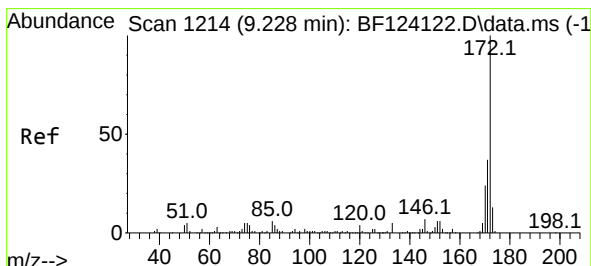
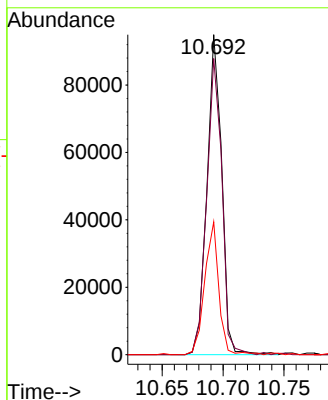
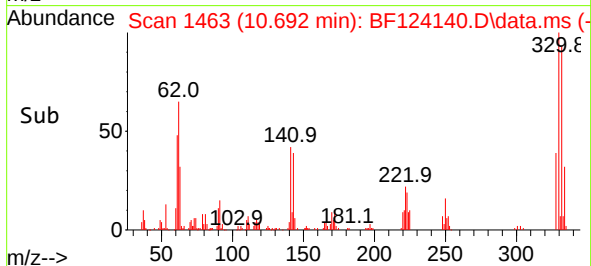
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BNA_F
ClientSampleId :
FK-GF-02-074-B



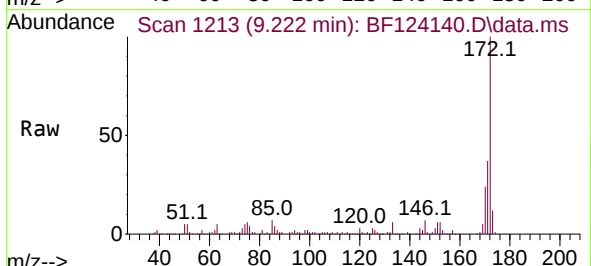
Tgt Ion:330 Resp: 79776
Ion Ratio Lower Upper
330 100
332 94.8 77.1 115.7
141 39.7 27.9 41.9

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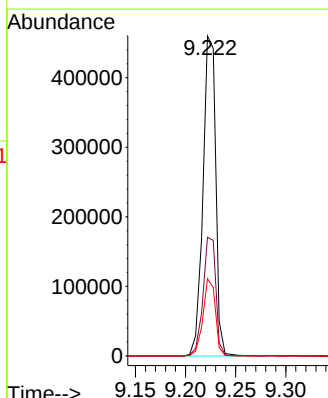
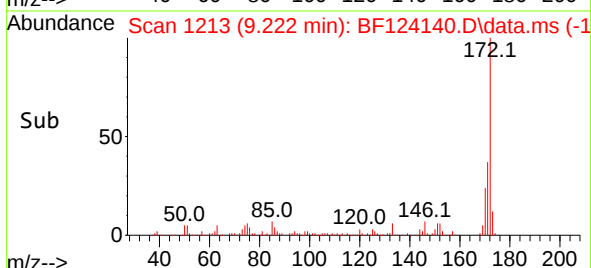
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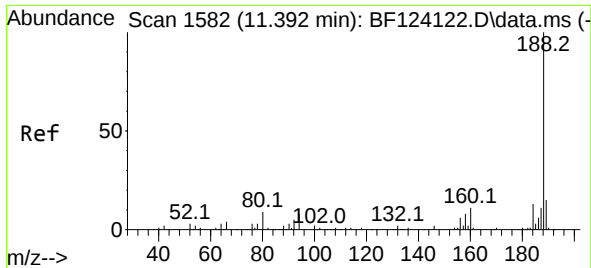


#45
2-Fluorobiphenyl
Concen: 75.61 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22



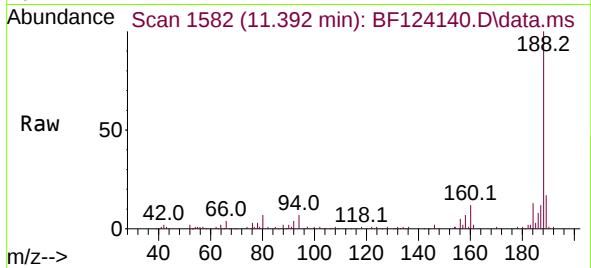
Tgt Ion:172 Resp: 410115
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 24.1 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22

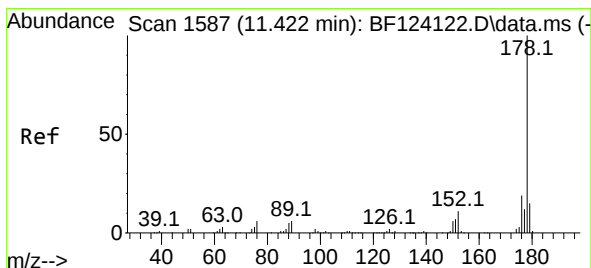
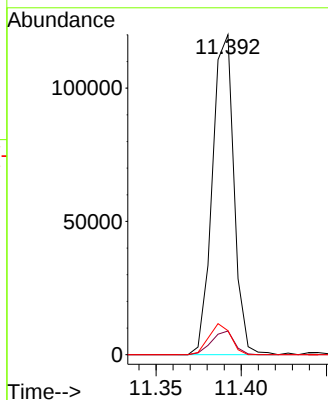
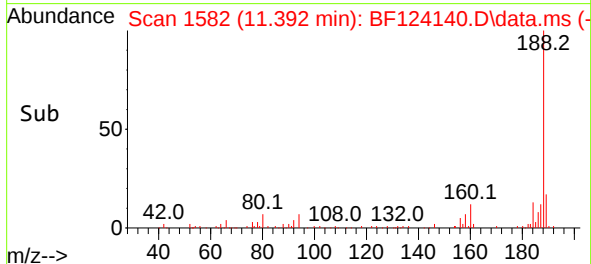
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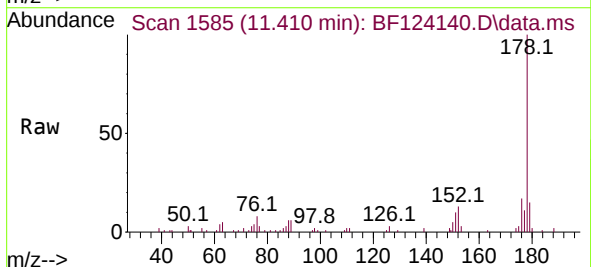
Tgt Ion:188 Resp: 106040
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 7.5 8.2 12.2#

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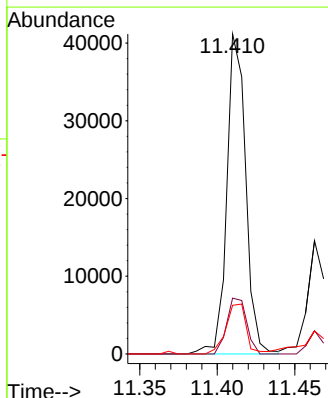
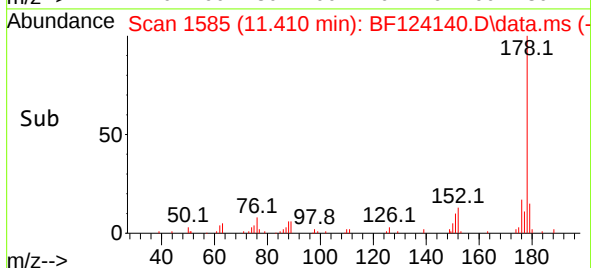
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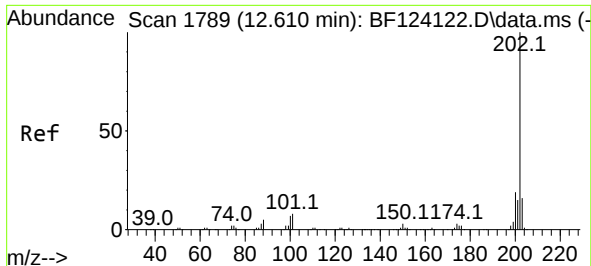


#71
Phenanthrene
Concen: 5.26 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22



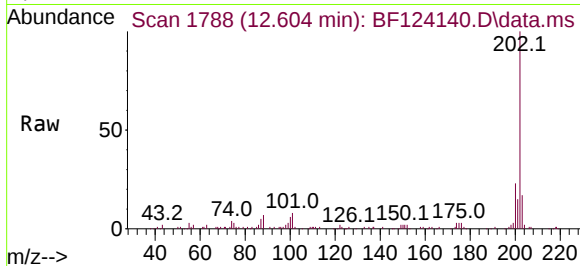
Tgt Ion:178 Resp: 34831
Ion Ratio Lower Upper
178 100
176 17.4 15.6 23.4
179 15.2 12.5 18.7





#75
Fluoranthene
Concen: 10.59 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22

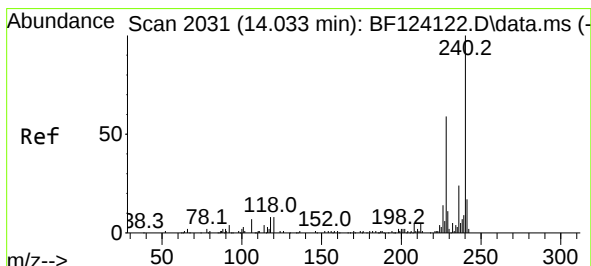
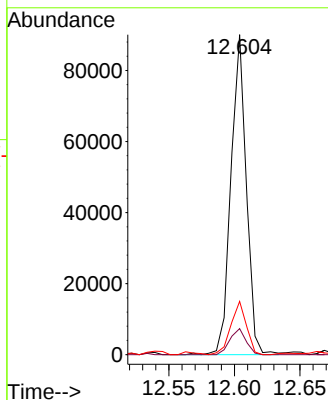
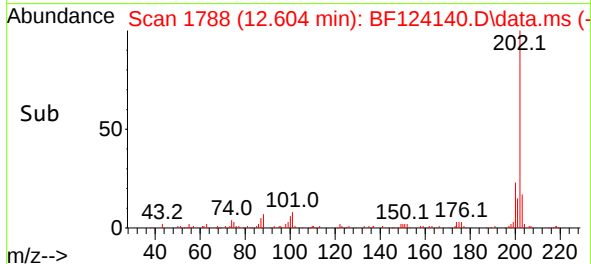
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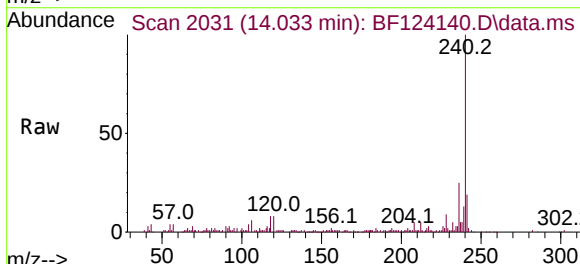
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Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.9
203 16.6 0.0 37.5

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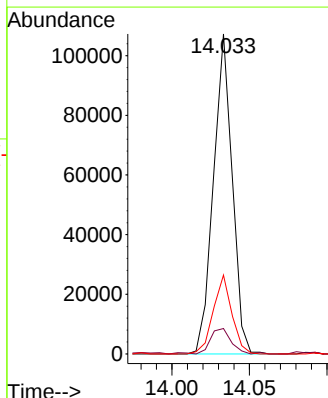
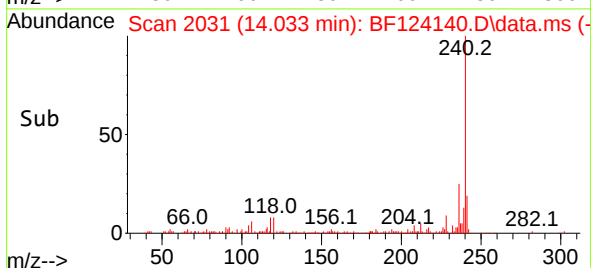
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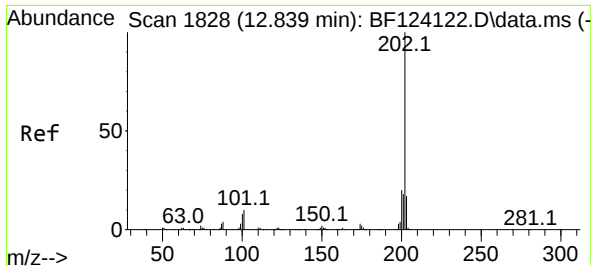


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22



Tgt Ion:240 Resp: 90560
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 24.7 19.0 28.4





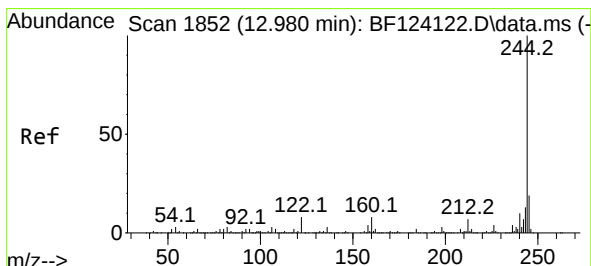
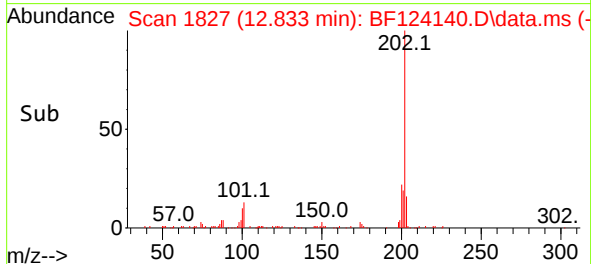
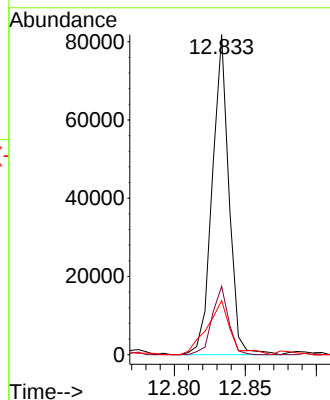
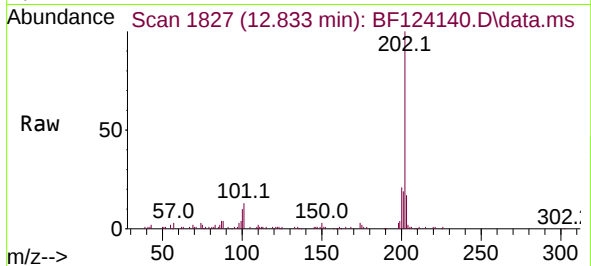
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Pyrene
Concen: 7.68 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.1	24.1
203	16.9	14.8	22.2

Instrument :
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FK-GF-02-074-B

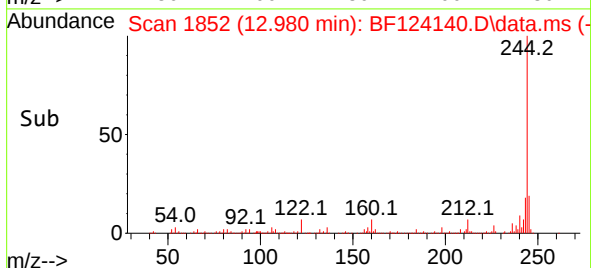
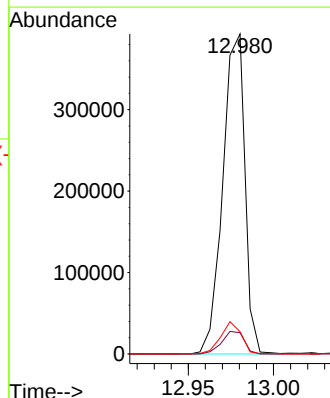
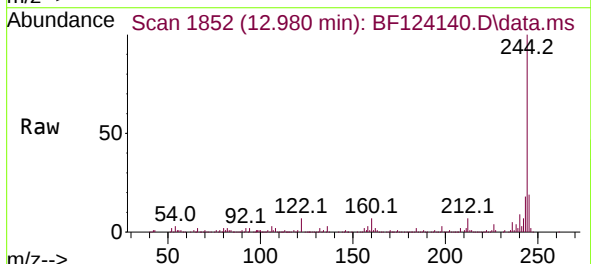
Manual Integrations
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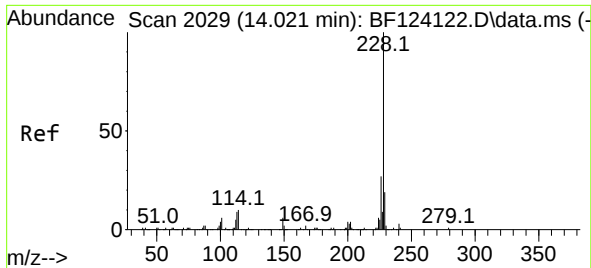
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#79
Terphenyl-d14
Concen: 53.72 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22

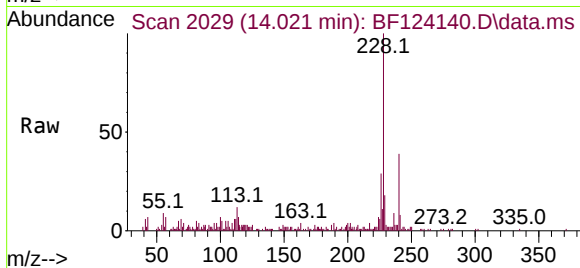
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	6.9	9.7	14.5





#81
Benzo(a)anthracene
Concen: 6.53 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22

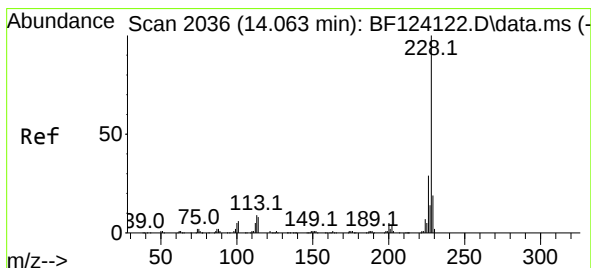
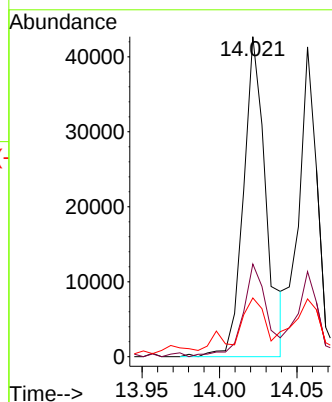
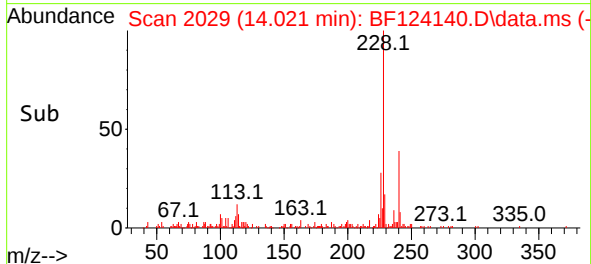
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-074-B



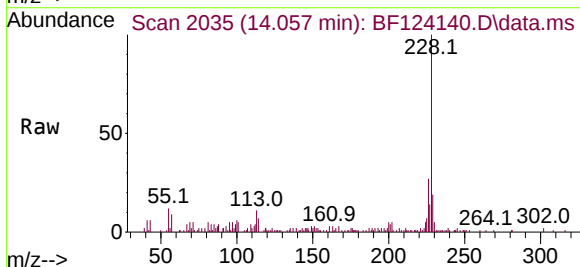
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.4	33.6
229	18.3	16.0	24.0

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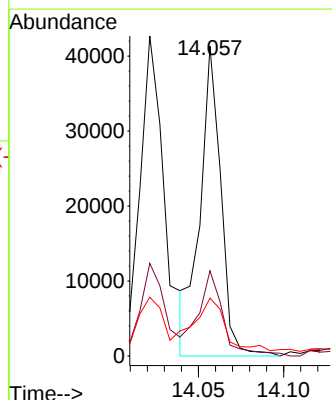
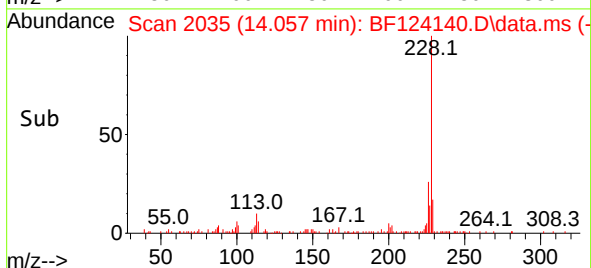
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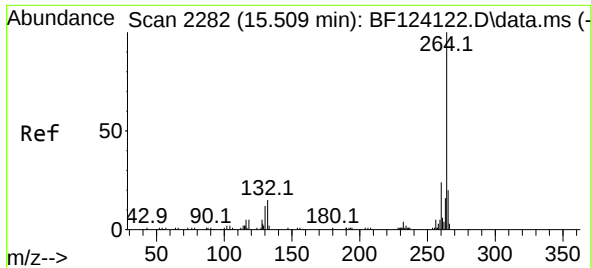


#83
Chrysene
Concen: 5.52 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22



Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.3	36.5
229	18.6	16.2	24.2





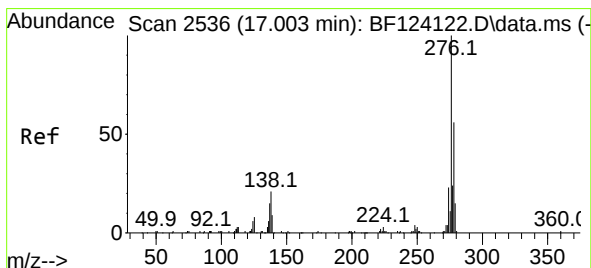
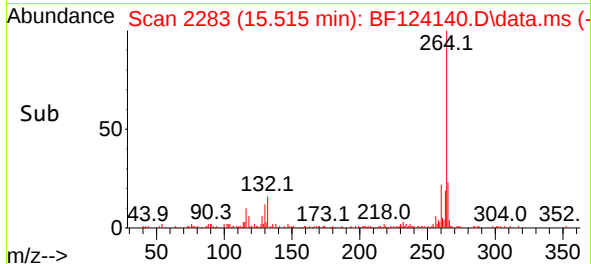
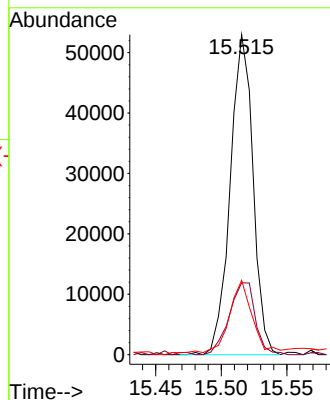
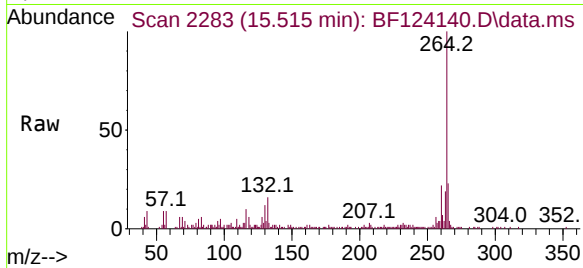
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22

Tgt Ion:264 Resp: 63994
Ion Ratio Lower Upper
264 100
260 22.5 18.7 28.1
265 23.3 17.8 26.8

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

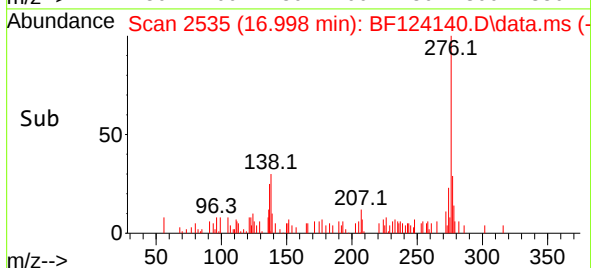
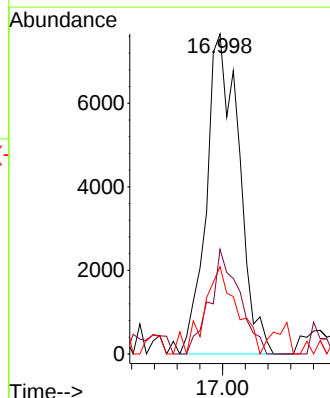
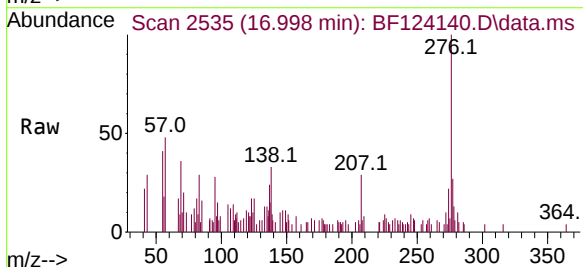
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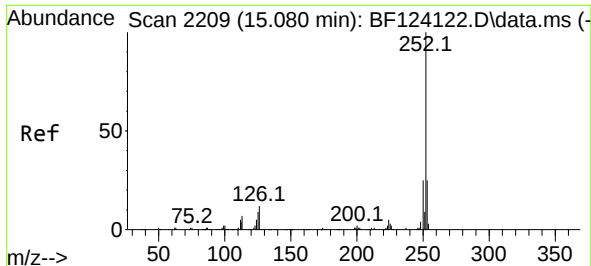
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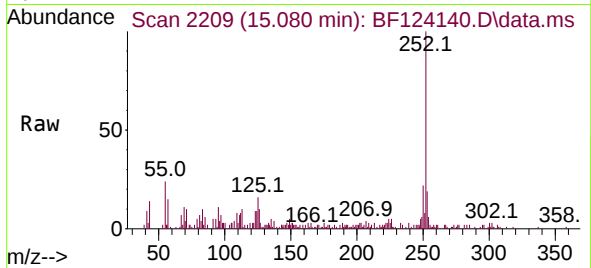
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.94 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22

Tgt Ion:276 Resp: 15270
Ion Ratio Lower Upper
276 100
138 29.8 16.2 24.2#
277 27.8 20.1 30.1

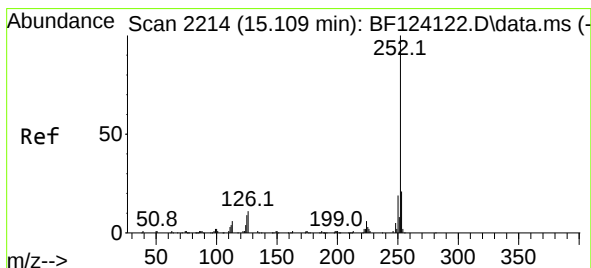
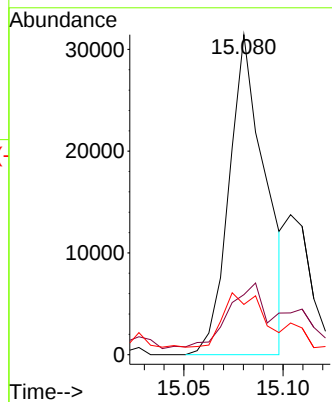
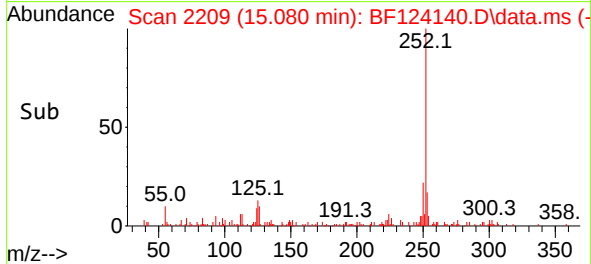




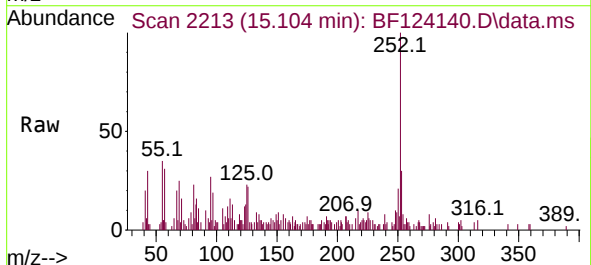
#88
Benzo(b)fluoranthene
Concen: 8.01 ng m
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22



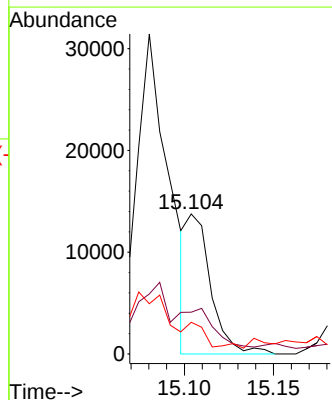
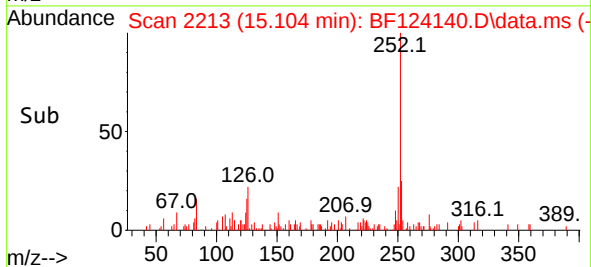
Tgt Ion:252 Resp: 39795
Ion Ratio Lower Upper
252 100
253 18.8 18.1 27.1
125 15.7 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.74 ng m
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22



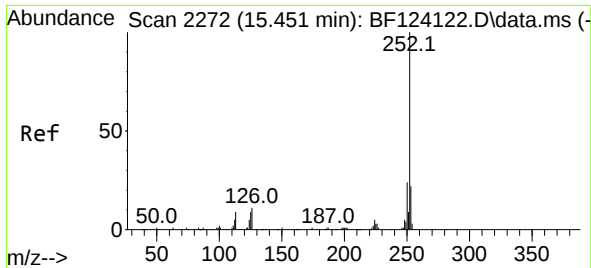
Tgt Ion:252 Resp: 12873
Ion Ratio Lower Upper
252 100
253 29.8 17.9 26.9#
125 22.7 7.0 10.6#



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

Manual Integrations
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6/7/2021 12:24:31 PM



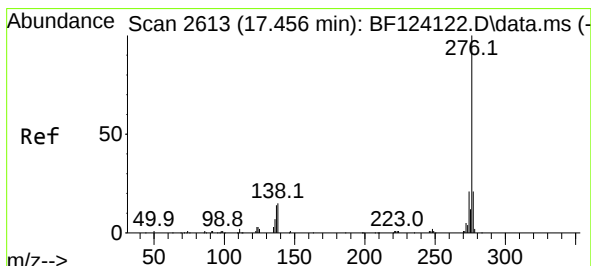
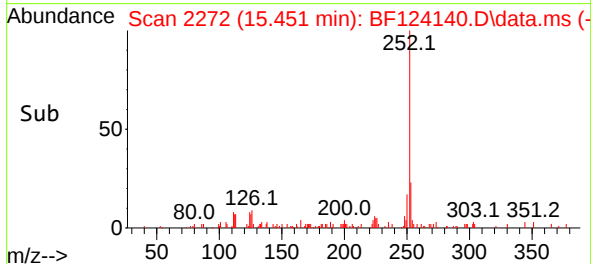
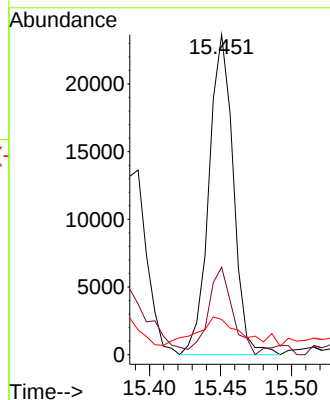
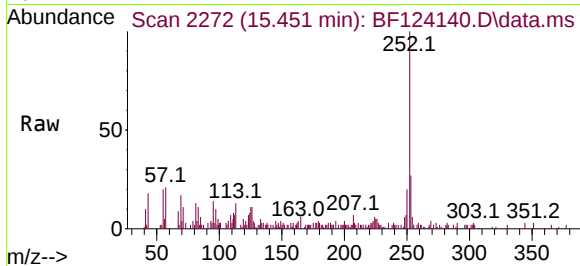
#90
Benzo(a)pyrene
Concen: 6.53 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22

Tgt Ion:	252	Resp:	28174
Ion Ratio	Lower	Upper	
252	100		
253	27.4	18.4	27.6
125	11.0	8.0	12.0

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

Manual Integrations
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6/7/2021 12:24:31 PM



#92
Benzo(g,h,i)perylene
Concen: 6.66 ng
RT: 17.457 min Scan# 2613
Delta R.T. 0.001 min
Lab File: BF124140.D
Acq: 4 Jun 2021 15:22

Tgt Ion:	276	Resp:	13904
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.2	27.2
138	27.5	13.8	20.6#

