

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124138.D
 Acq On : 4 Jun 2021 14:16
 Operator : JU/CG
 Sample : M2587-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-073-A

Manual Integrations
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Quant Time: Jun 04 14:36:37 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	45393	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	156856	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	78591	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	118865	20.00	ng	0.00
76) Chrysene-d12	14.033	240	101347	20.00	ng	0.00
86) Perylene-d12	15.515	264	71862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	256381	85.02	ng	0.00
7) Phenol-d6	6.504	99	311899	76.95	ng	0.00
23) Nitrobenzene-d5	7.428	82	243434	61.55	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	73588	66.09	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	381678	61.11	ng	0.00
79) Terphenyl-d14	12.974	244	321690	43.58	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.410	178	45270	6.10	ng	96
75) Fluoranthene	12.604	202	64792	8.31	ng	97
78) Pyrene	12.833	202	59205	6.08	ng	96
81) Benzo(a)anthracene	14.021	228	30988	4.20	ng	93
83) Chrysene	14.057	228	30824m	4.33	ng	
87) Indeno(1,2,3-cd)pyrene	16.998	276	13294	6.36	ng	# 79
88) Benzo(b)fluoranthene	15.080	252	34217m	6.13	ng	
90) Benzo(a)pyrene	15.451	252	21940	4.52	ng	# 94
92) Benzo(g,h,i)perylene	17.445	276	12360	6.07	ng	# 85

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

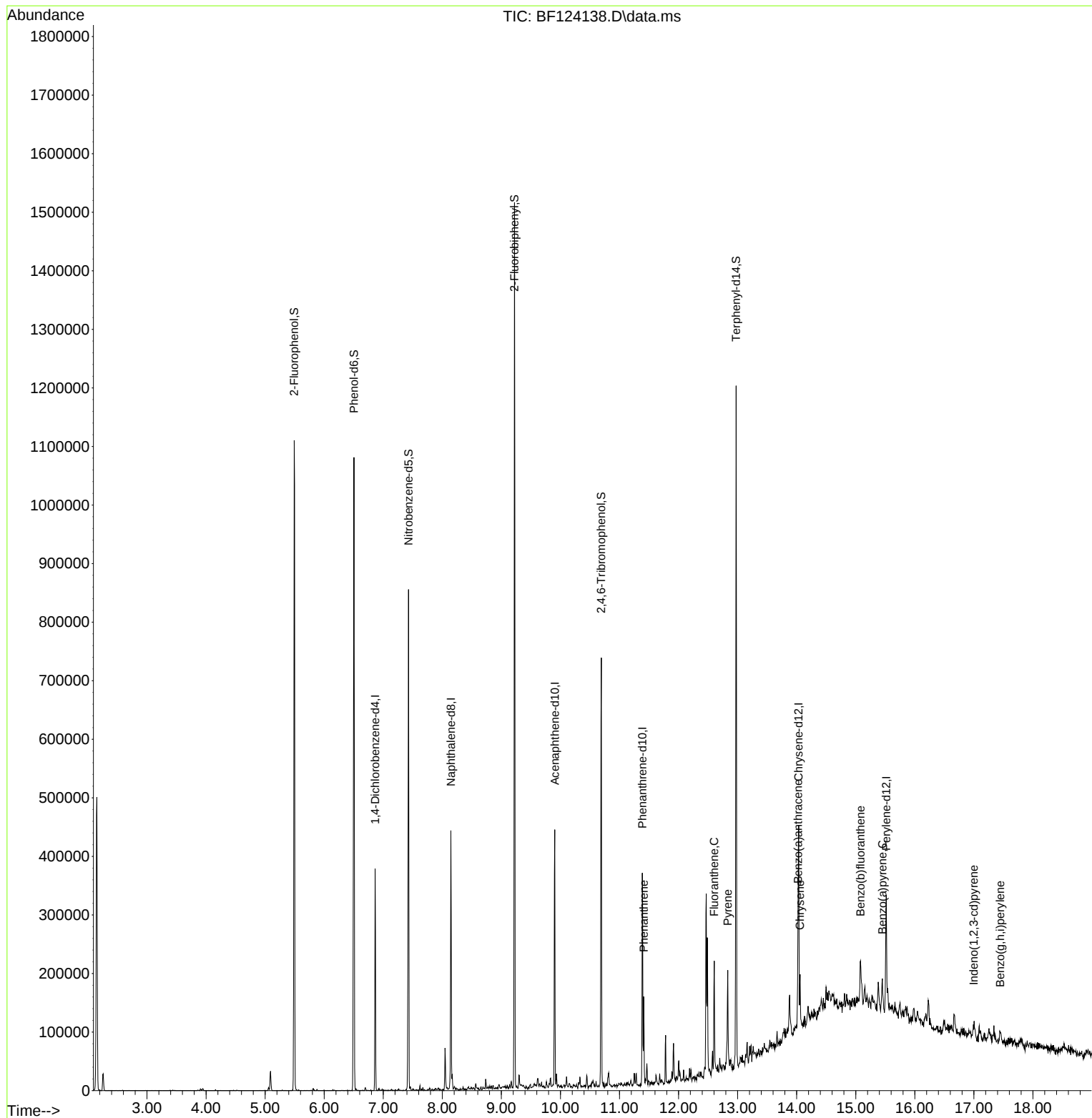
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124138.D
Acq On : 4 Jun 2021 14:16
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ALS Vial : 11 Sample Multiplier: 1

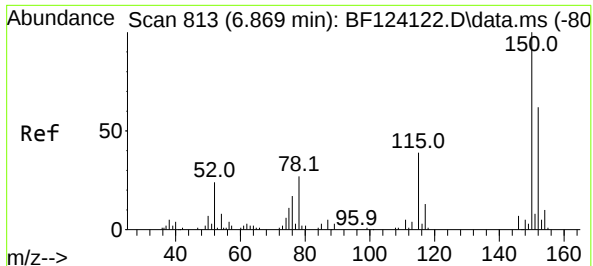
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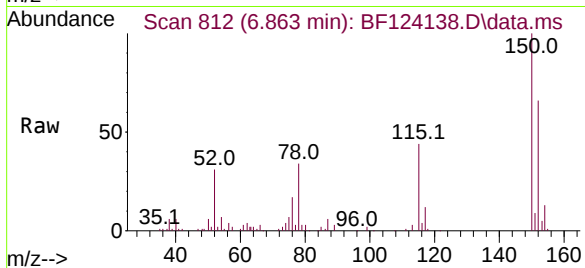
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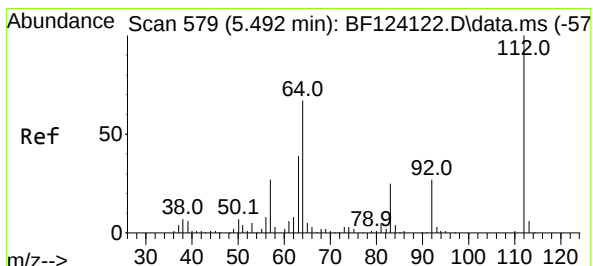
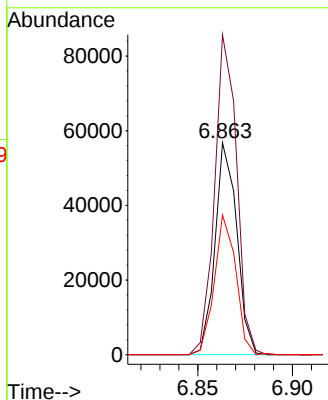
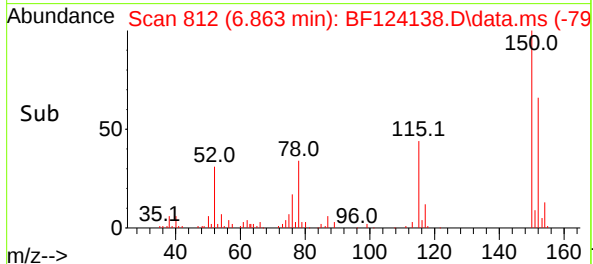




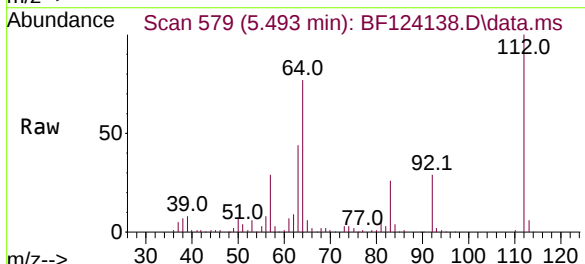
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16



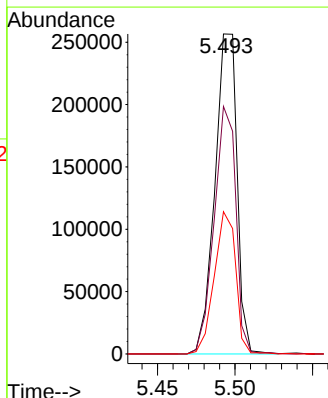
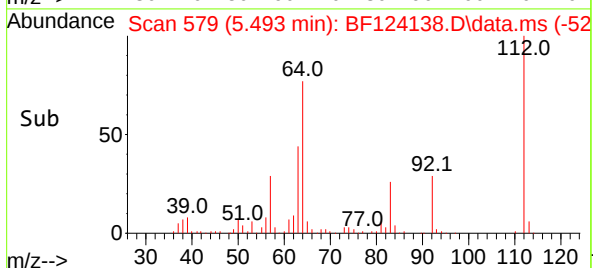
Tgt Ion:152 Resp: 45393
Ion Ratio Lower Upper
152 100
150 151.1 127.0 190.6
115 65.9 54.3 81.5



#5
2-Fluorophenol
Concen: 85.02 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16



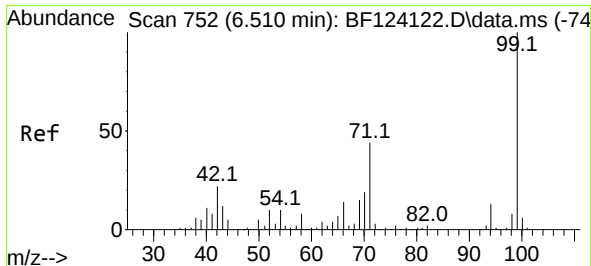
Tgt Ion:112 Resp: 256381
Ion Ratio Lower Upper
112 100
64 77.3 61.4 92.0
63 44.4 33.0 49.4



Instrument :
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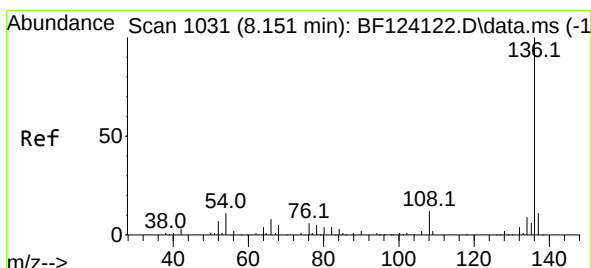
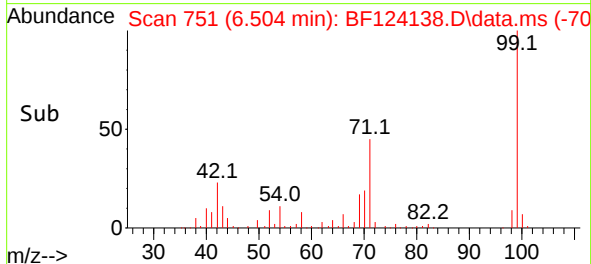
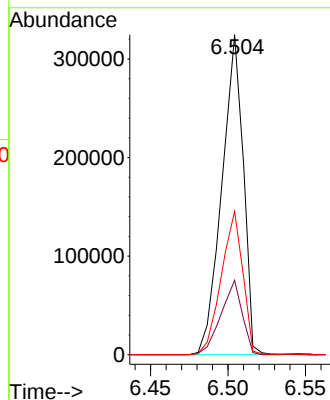
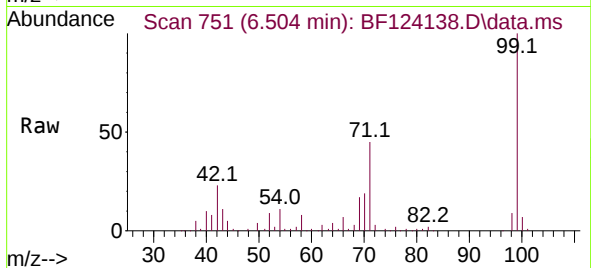
#7
Phenol-d6
Concen: 76.95 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16

Tgt Ion: 99 Resp: 311899
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.8
71 44.8 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
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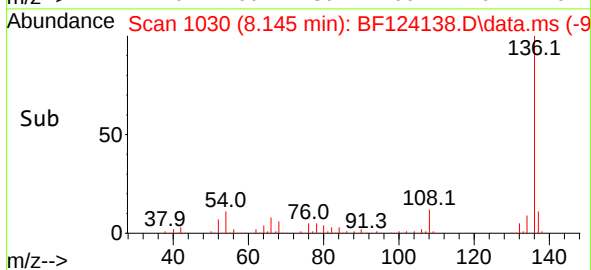
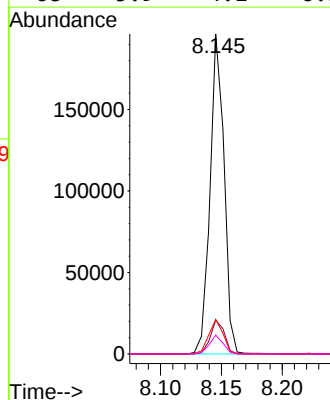
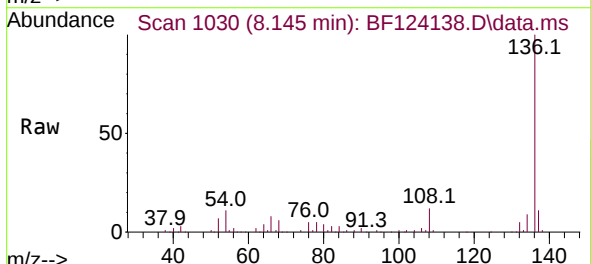
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16

Tgt Ion: 136 Resp: 156856
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 10.8 9.8 14.6
68 5.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 61.55 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF124138.D

Acq: 4 Jun 2021 14:16

Tgt Ion: 82 Resp: 243434

Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.4	44.2
54	58.3	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

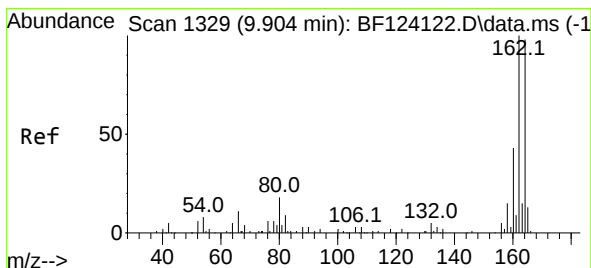
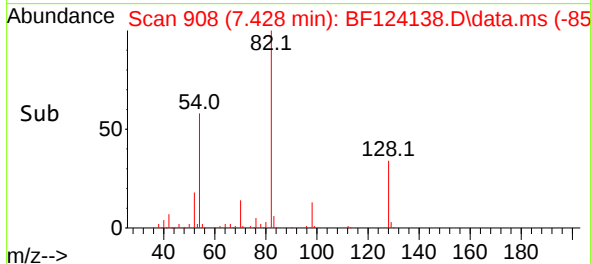
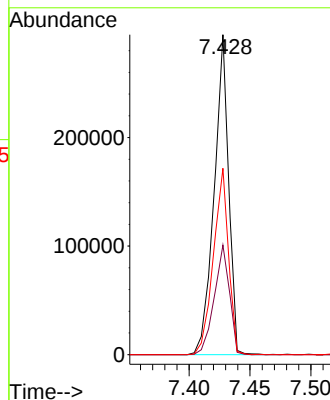
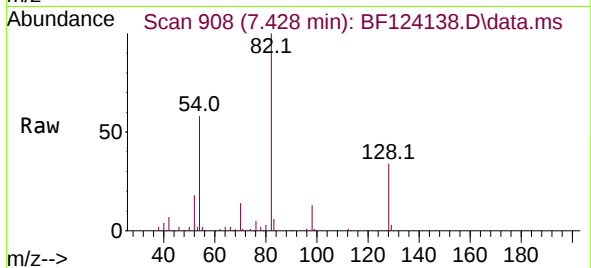
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

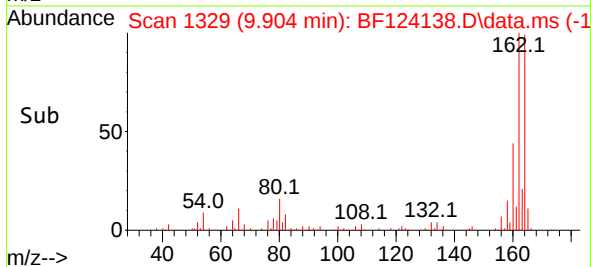
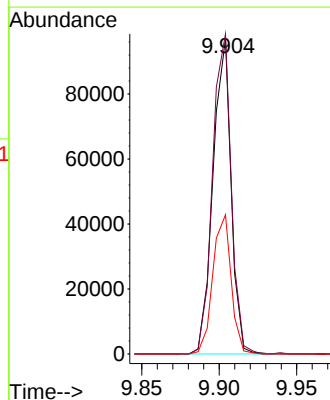
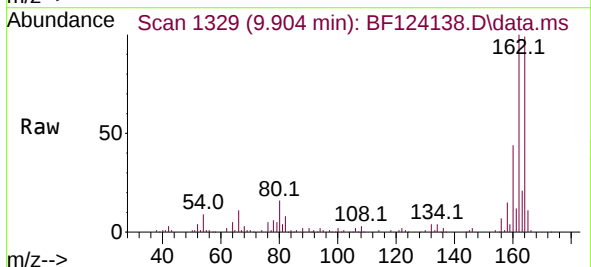
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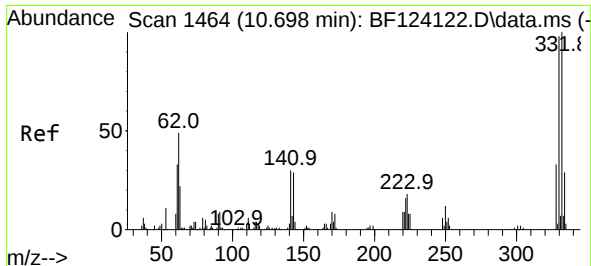
Lab File: BF124138.D

Acq: 4 Jun 2021 14:16

Tgt Ion:164 Resp: 78591

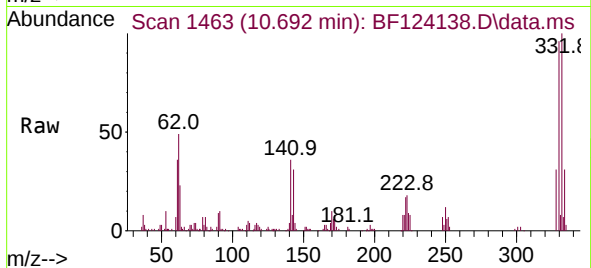
Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	44.2	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 66.09 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16

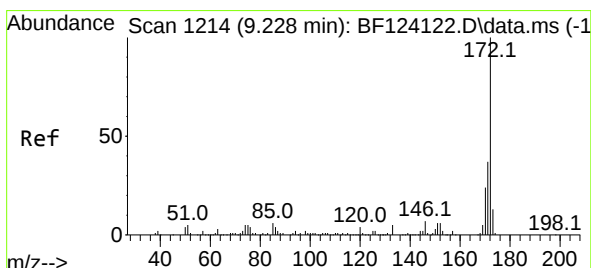
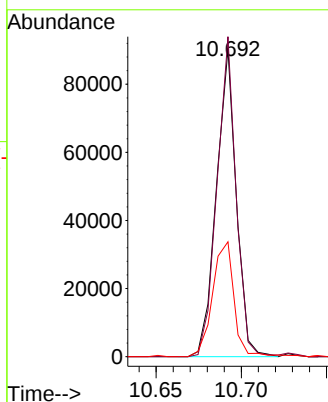
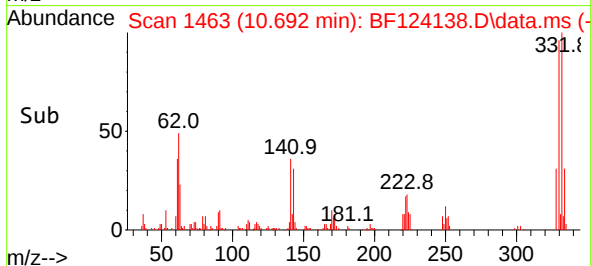
Instrument :
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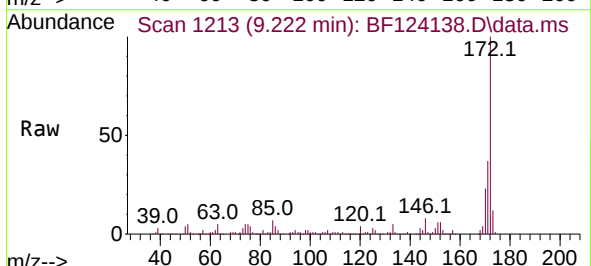
Tgt Ion: 330 Resp: 73588
Ion Ratio Lower Upper
330 100
332 99.3 77.1 115.7
141 40.3 27.9 41.9

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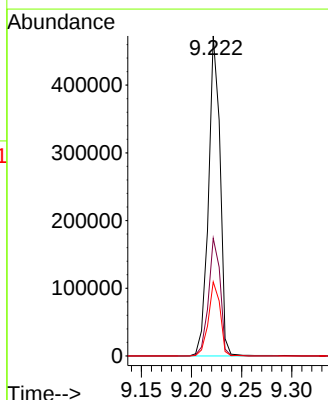
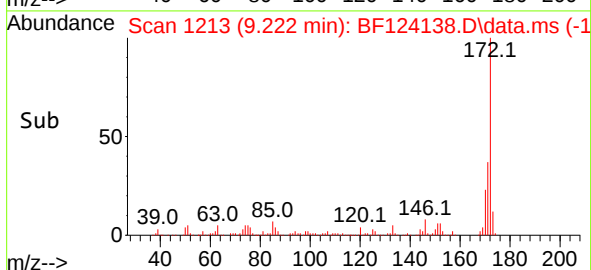
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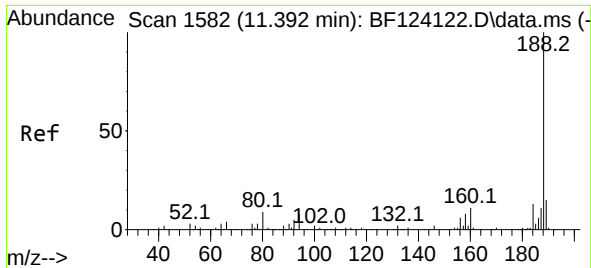


#45
2-Fluorobiphenyl
Concen: 61.11 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16



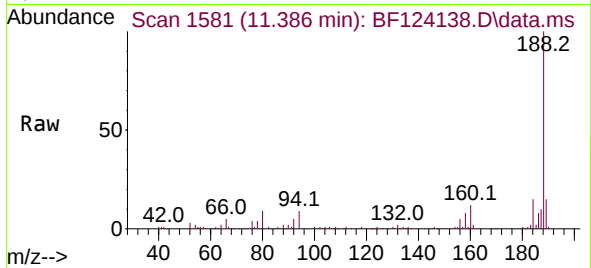
Tgt Ion: 172 Resp: 381678
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 23.2 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16

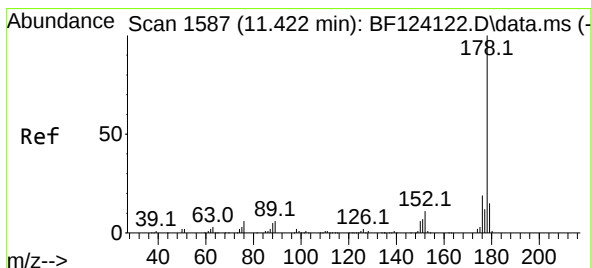
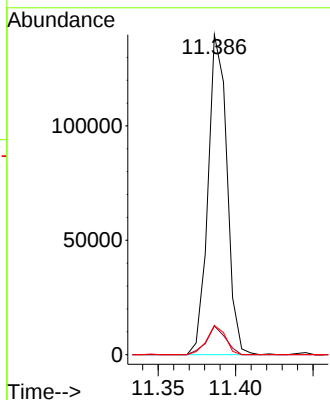
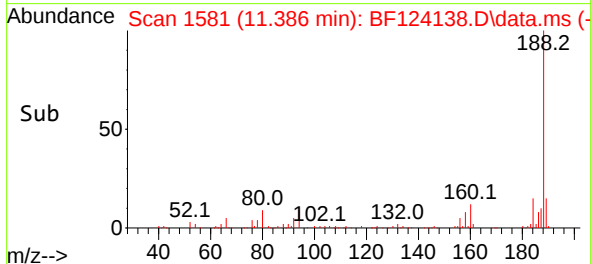
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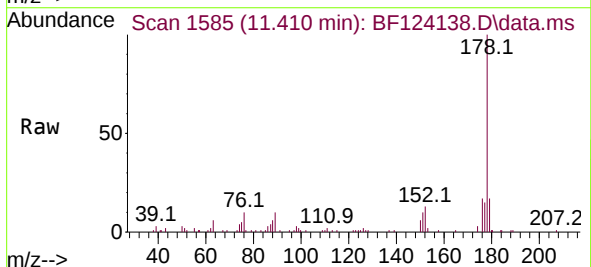
Tgt Ion:188 Resp: 118865
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 9.1 8.2 12.2

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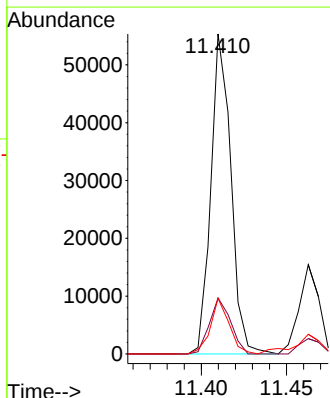
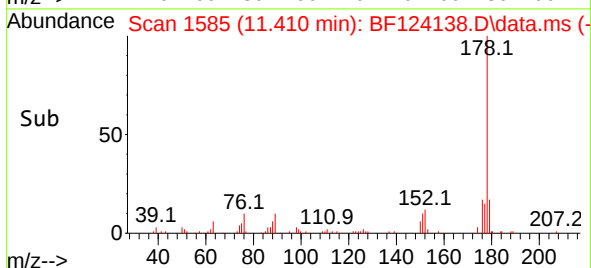
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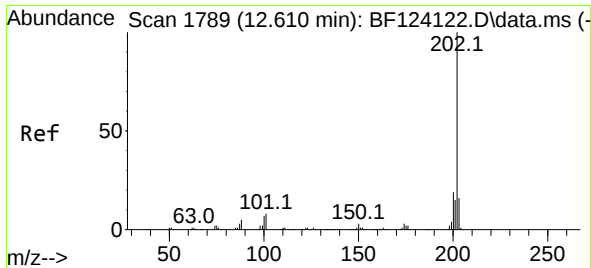


#71
Phenanthrene
Concen: 6.10 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16



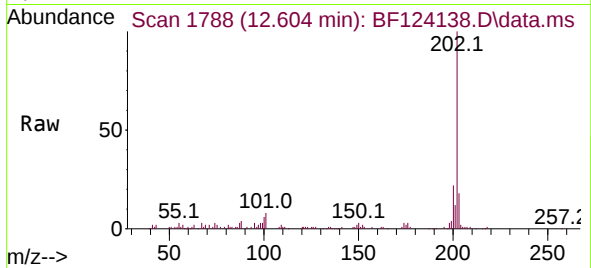
Tgt Ion:178 Resp: 45270
Ion Ratio Lower Upper
178 100
176 17.5 15.6 23.4
179 17.4 12.5 18.7





#75
Fluoranthene
Concen: 8.31 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16

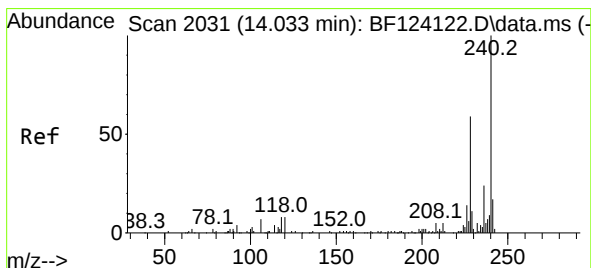
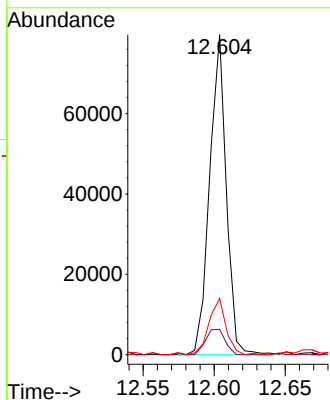
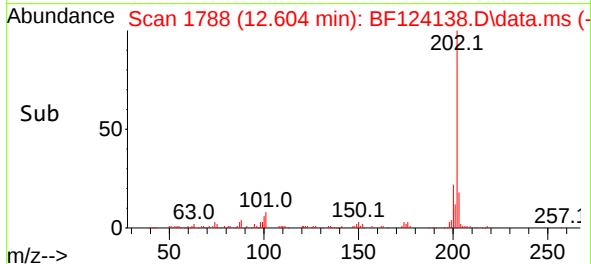
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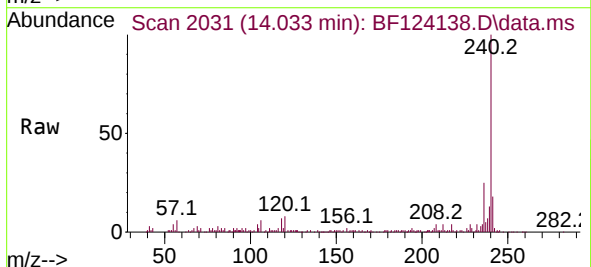
Tgt Ion:202 Resp: 64792
Ion Ratio Lower Upper
202 100
101 7.9 0.0 30.9
203 17.5 0.0 37.5

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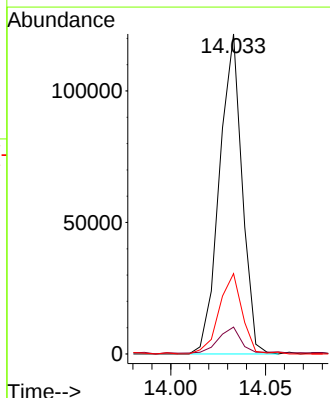
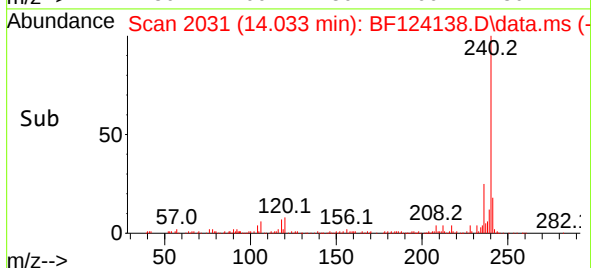
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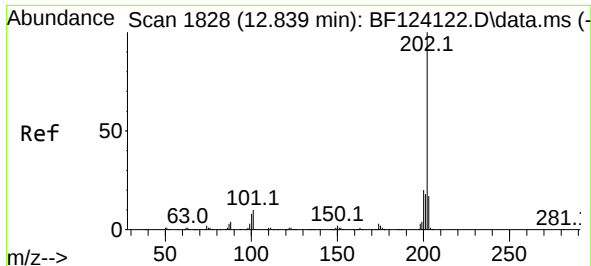


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16



Tgt Ion:240 Resp: 101347
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 25.1 19.0 28.4





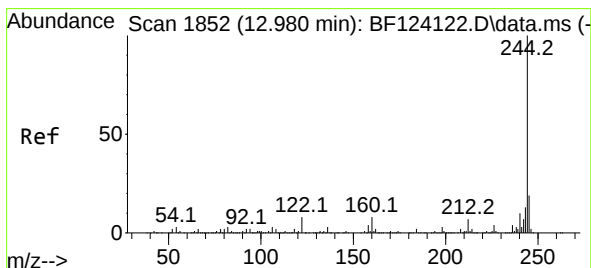
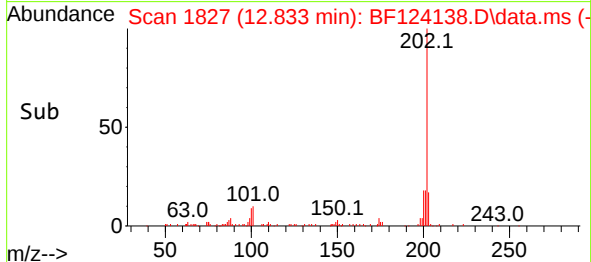
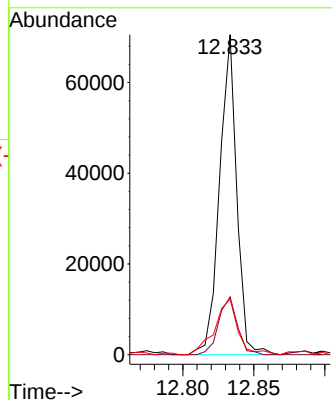
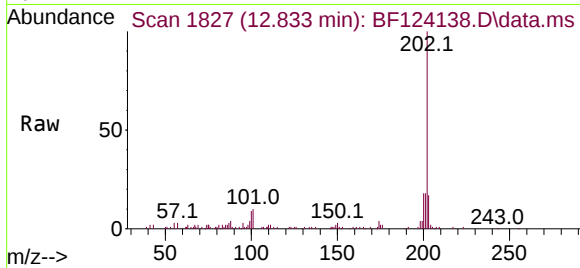
#78
Pyrene
Concen: 6.08 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16

Tgt Ion:202	Resp:	59205
Ion Ratio	Lower	Upper
202	100	
200	18.1	16.1 24.1
203	17.3	14.8 22.2

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-073-A

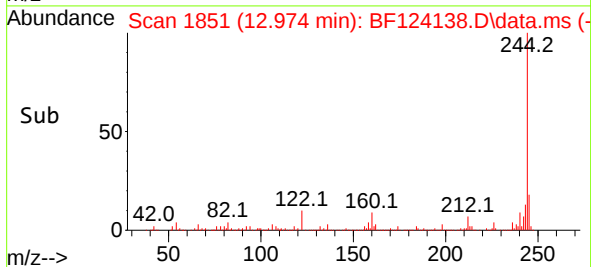
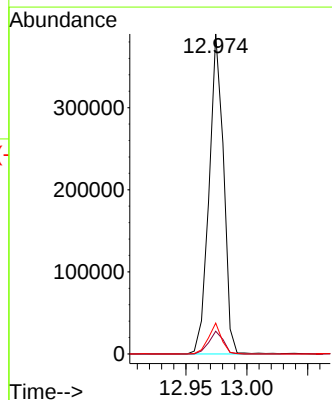
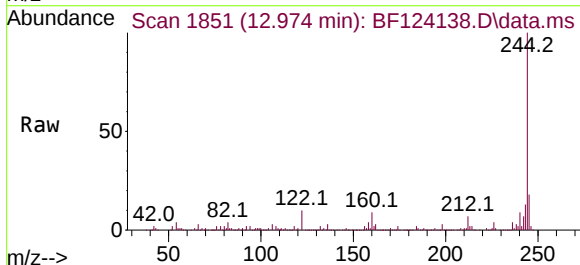
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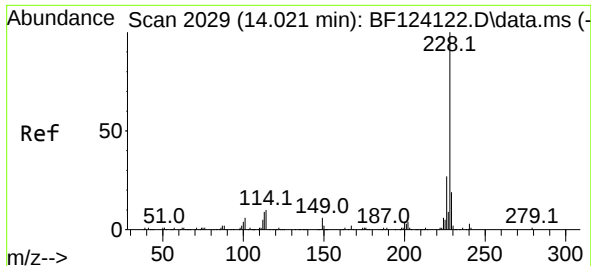
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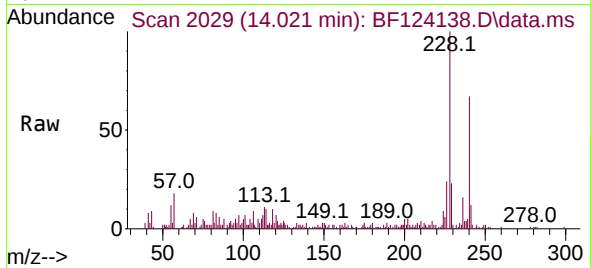
#79
Terphenyl-d14
Concen: 43.58 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16

Tgt Ion:244	Resp:	321690
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.7 8.5
122	9.6	9.7 14.5

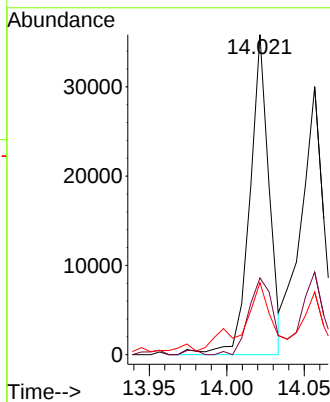
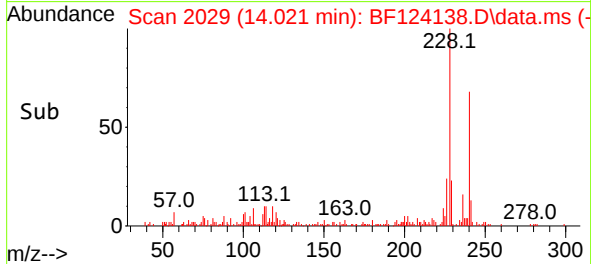




#81
Benzo(a)anthracene
Concen: 4.20 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16



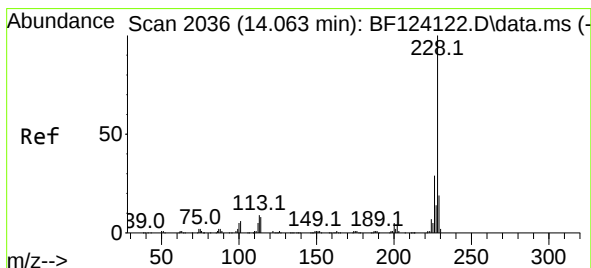
Tgt Ion:228 Resp: 30988
Ion Ratio Lower Upper
228 100
226 24.0 22.4 33.6
229 22.5 16.0 24.0



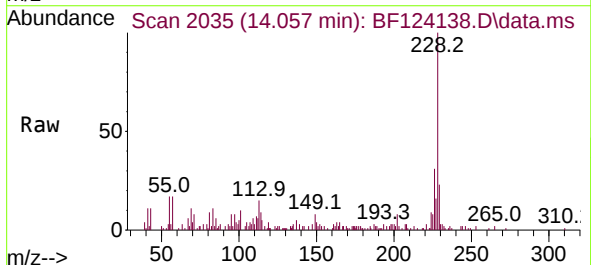
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-073-A

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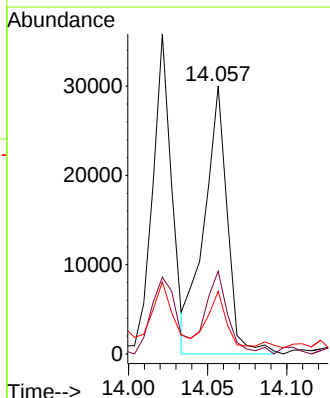
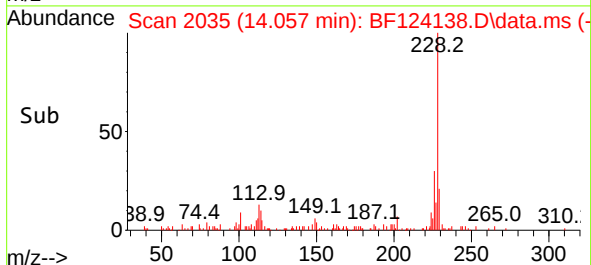
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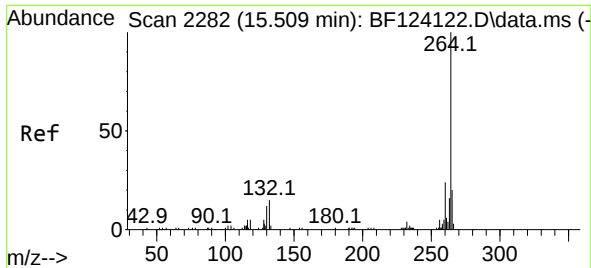


#83
Chrysene
Concen: 4.33 ng m
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16



Tgt Ion:228 Resp: 30824
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 23.4 16.2 24.2





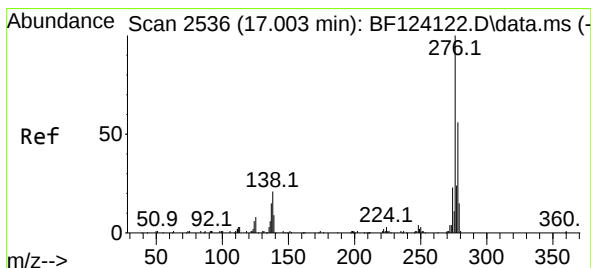
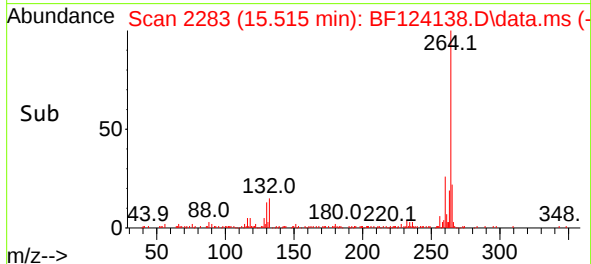
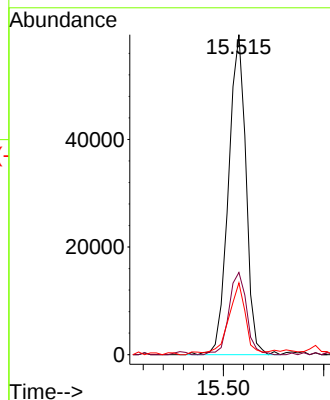
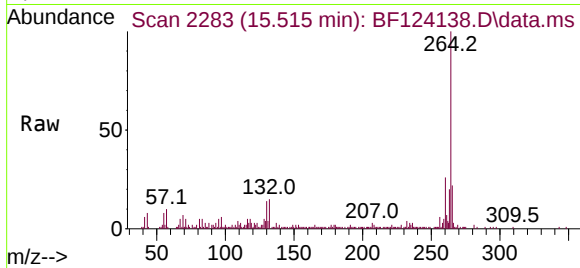
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.7	28.1
265	22.5	17.8	26.8

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-073-A

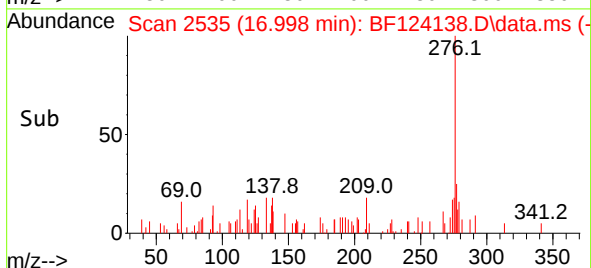
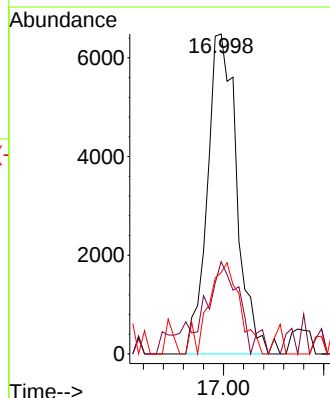
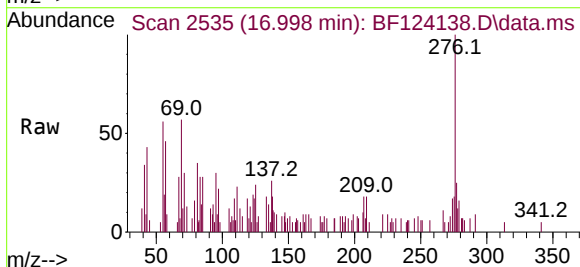
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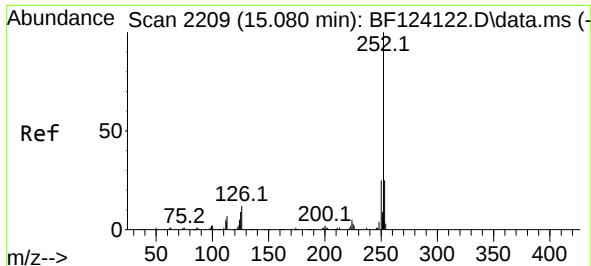
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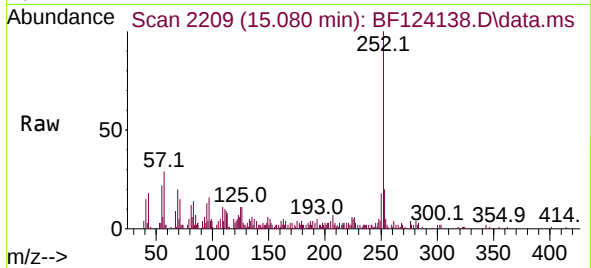
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.36 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.0	16.2	24.2#
277	30.4	20.1	30.1#

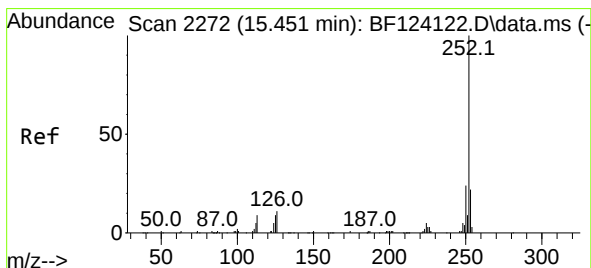
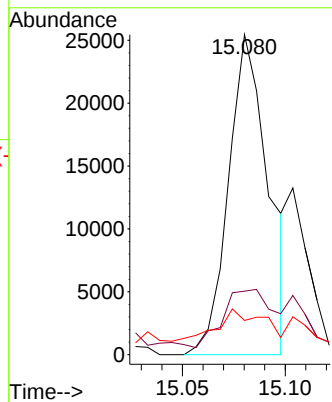
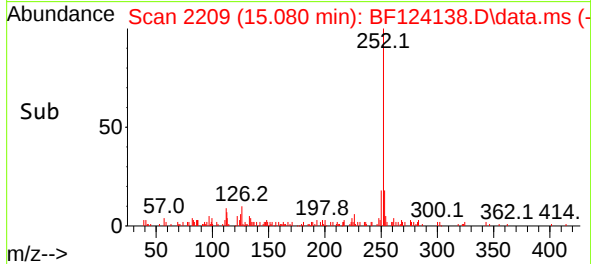




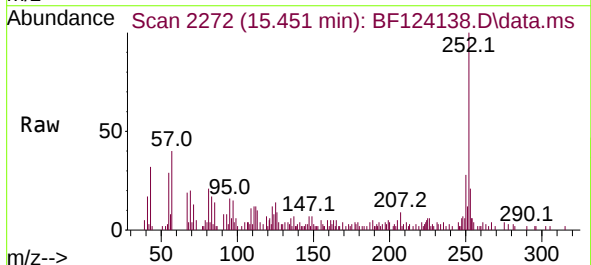
#88
Benzo(b)fluoranthene
Concen: 6.13 ng m
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16



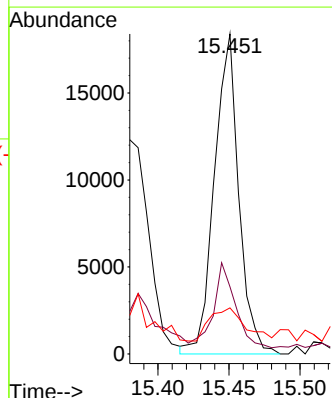
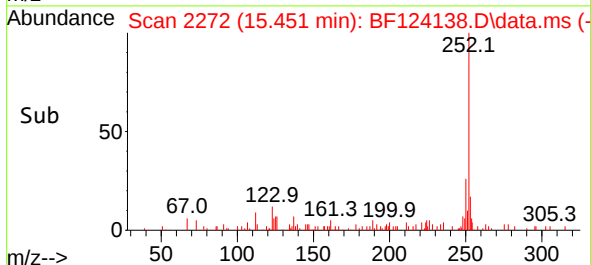
Tgt Ion:252 Resp: 34217
Ion Ratio Lower Upper
252 100
253 19.8 18.1 27.1
125 10.7 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 4.52 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16



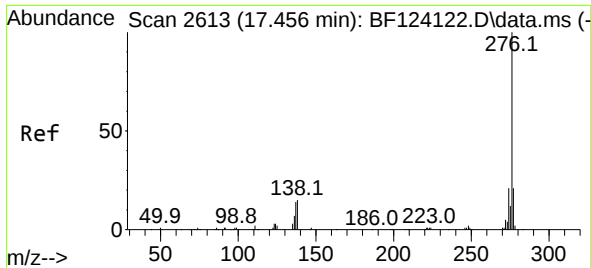
Tgt Ion:252 Resp: 21940
Ion Ratio Lower Upper
252 100
253 21.0 18.4 27.6
125 14.4 8.0 12.0#



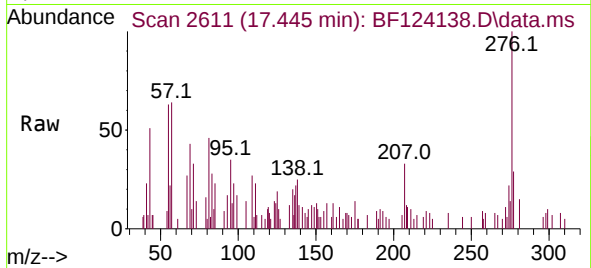
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-073-A

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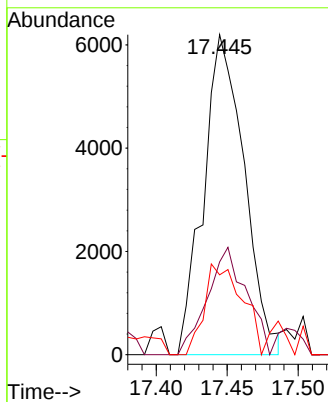
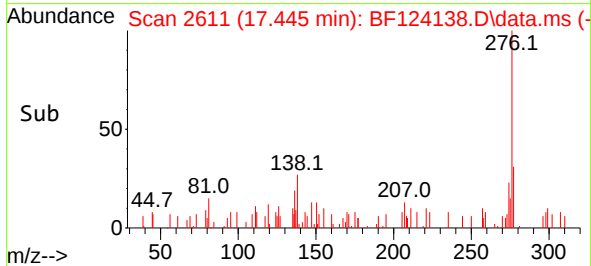
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#92
Benzo(g,h,i)perylene
Concen: 6.07 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.011 min
Lab File: BF124138.D
Acq: 4 Jun 2021 14:16



Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.0	18.2	27.2#
138	24.9	13.8	20.6#



Instrument :
BNA_F
ClientSampleId :
FK-GF-02-073-A

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