

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124143.D
 Acq On : 4 Jun 2021 17:01
 Operator : JU/CG
 Sample : M2581-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-060221

Manual Integrations
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Quant Time: Jun 04 17:29:14 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	6.869	152	43105	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	148803	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	73185	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	110866	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	81398	20.00	ng	0.00
86) Perylene-d12	15.521	264	59110	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	257787	90.03	ng	0.00
7) Phenol-d6	6.504	99	308898	80.26	ng	0.00
23) Nitrobenzene-d5	7.428	82	235024	62.64	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	72140	69.58	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	381180	65.54	ng	0.00
79) Terphenyl-d14	12.980	244	310632	52.39	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.604	202	29391	4.04	ng	99
78) Pyrene	12.839	202	32950	4.22	ng	97
81) Benzo(a)anthracene	14.021	228	17715	2.99	ng	98
83) Chrysene	14.063	228	17559m	3.07	ng	
87) Indeno(1,2,3-cd)pyrene	17.010	276	12122	6.58	ng	# 88
88) Benzo(b)fluoranthene	15.080	252	21019m	4.58	ng	
89) Benzo(k)fluoranthene	15.110	252	8924m	2.05	ng	
90) Benzo(a)pyrene	15.451	252	18489	4.64	ng	# 85
92) Benzo(g,h,i)perylene	17.457	276	11239	6.30	ng	# 78

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

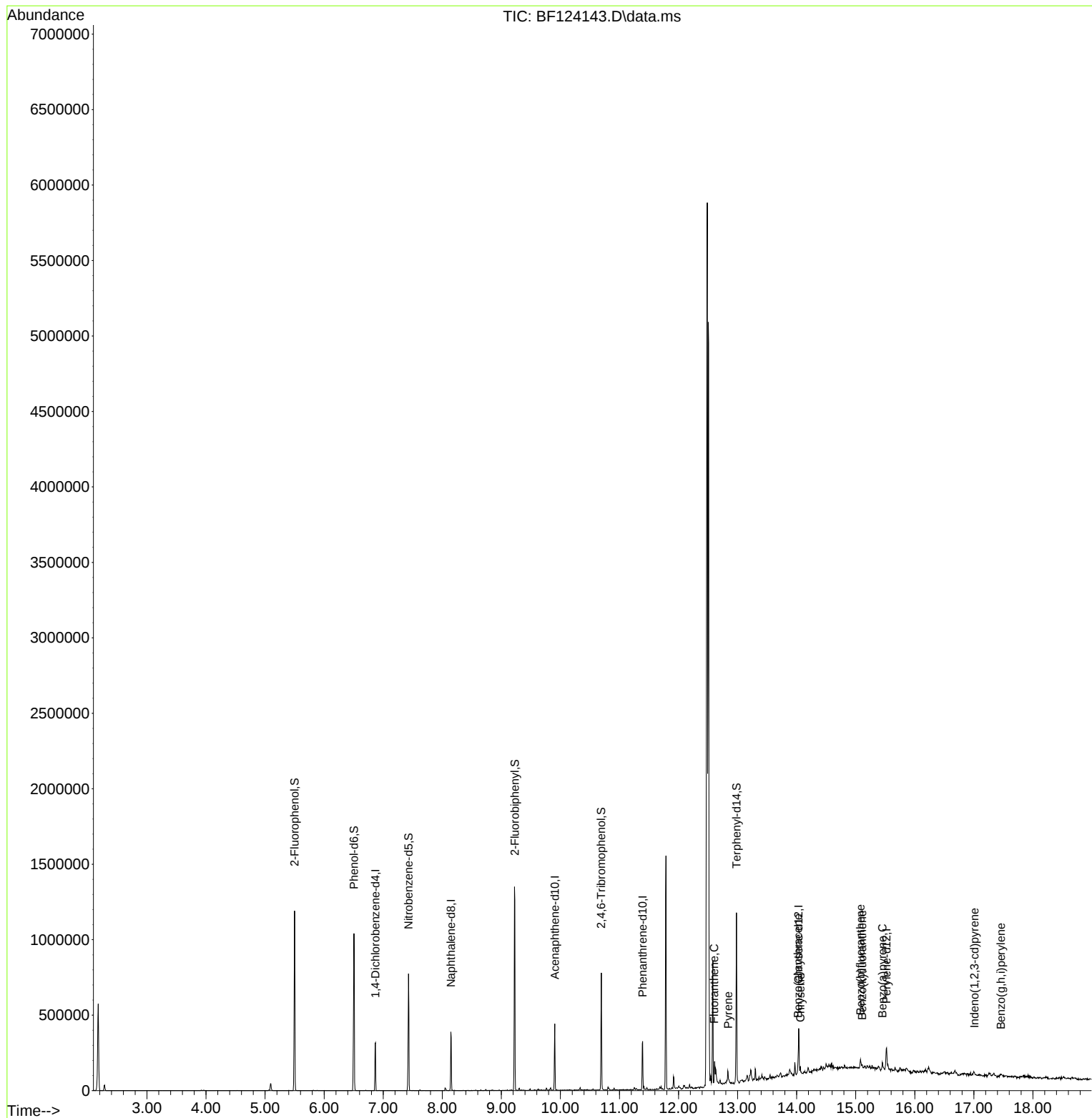
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124143.D
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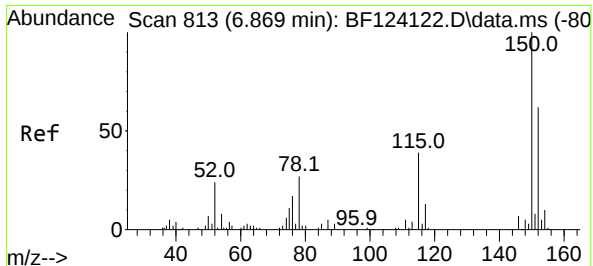
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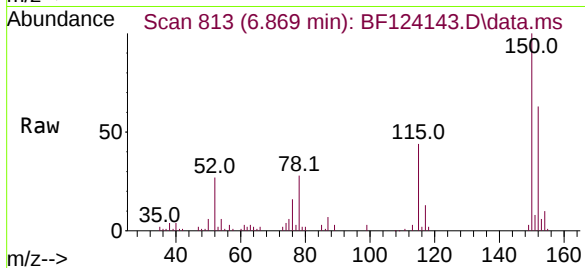
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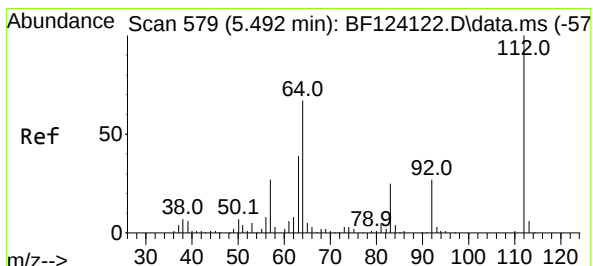
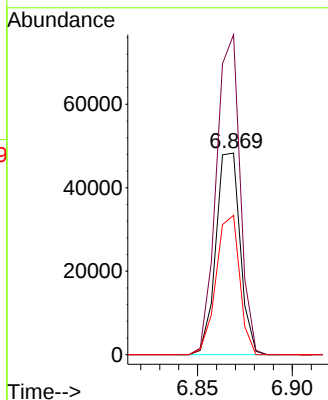
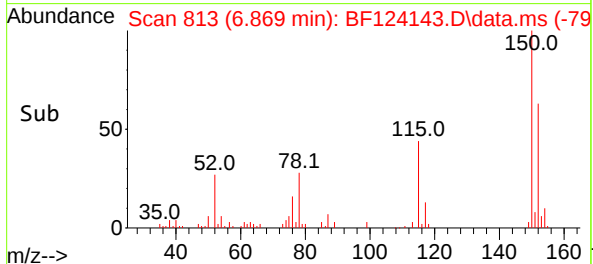




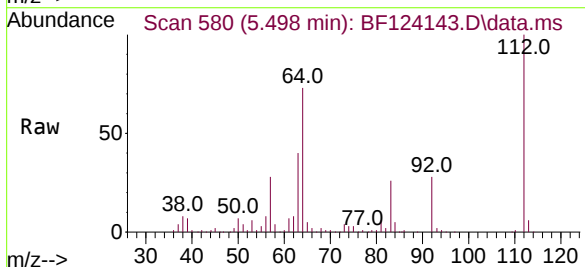
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF124143.D
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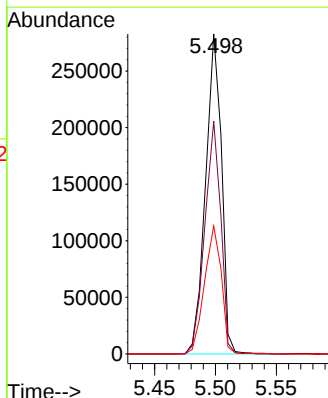
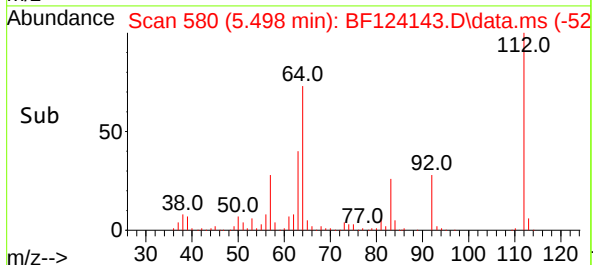
Tgt Ion:152 Resp: 43105
Ion Ratio Lower Upper
152 100
150 158.7 127.0 190.6
115 69.1 54.3 81.5



#5
2-Fluorophenol
Concen: 90.03 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01



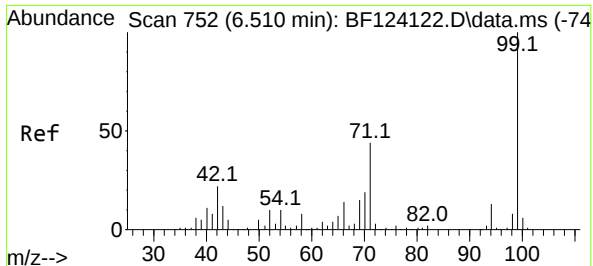
Tgt Ion:112 Resp: 257787
Ion Ratio Lower Upper
112 100
64 72.8 61.4 92.0
63 40.0 33.0 49.4



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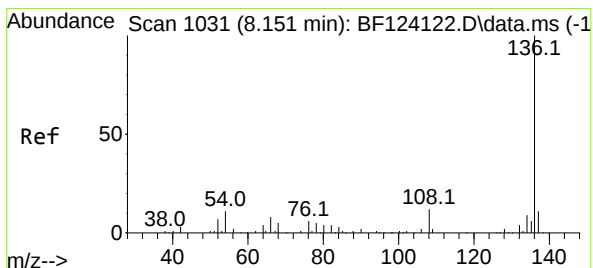
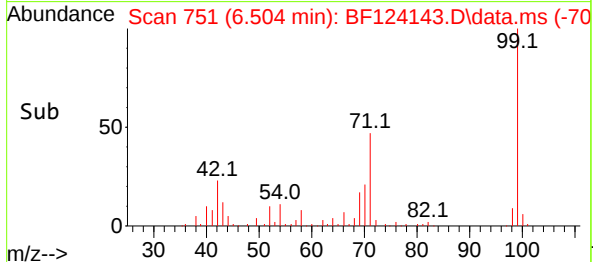
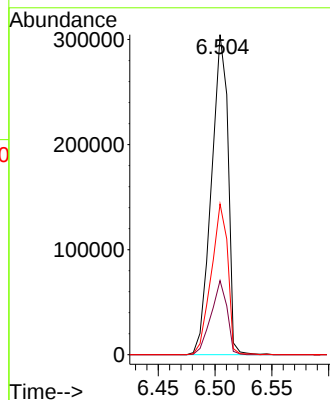
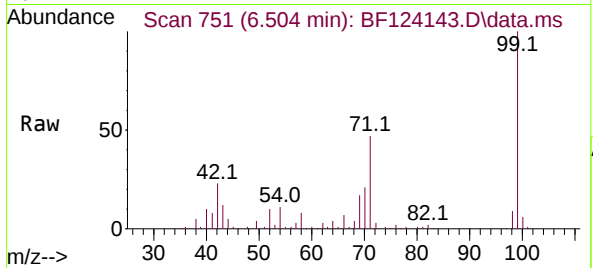
#7
Phenol-d6
Concen: 80.26 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01

Tgt Ion: 99 Resp: 308898
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.8
71 47.1 31.1 46.7#

Instrument :
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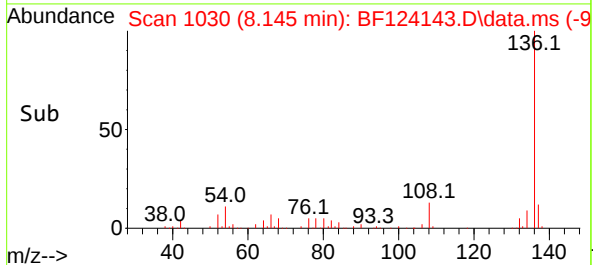
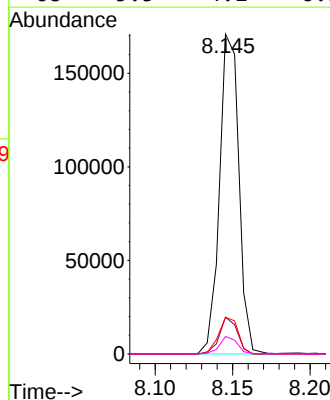
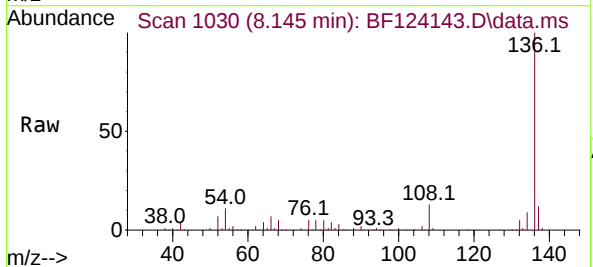
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01

Tgt Ion: 136 Resp: 148803
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 11.5 9.8 14.6
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 62.64 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF124143.D

Acq: 4 Jun 2021 17:01

Tgt Ion: 82 Resp: 235024

Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.4	44.2
54	61.8	54.1	81.1

Instrument :

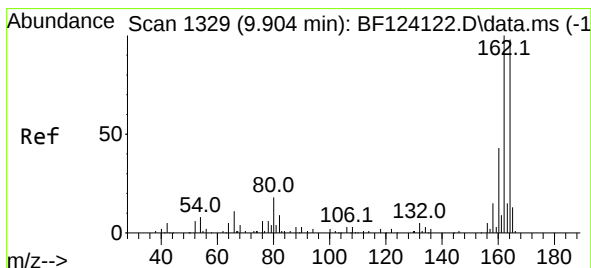
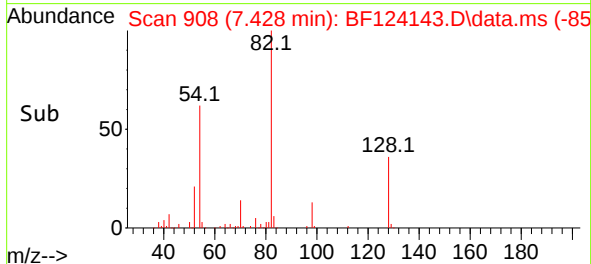
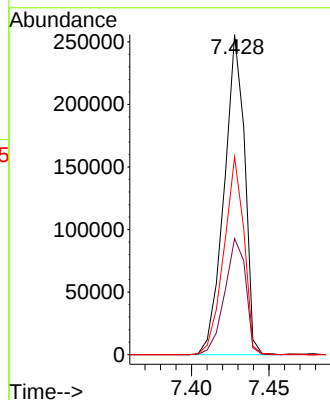
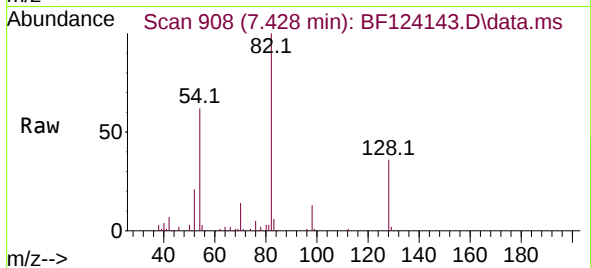
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

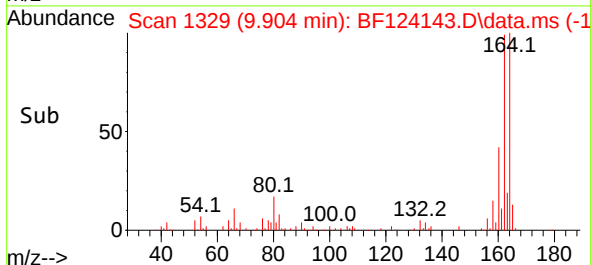
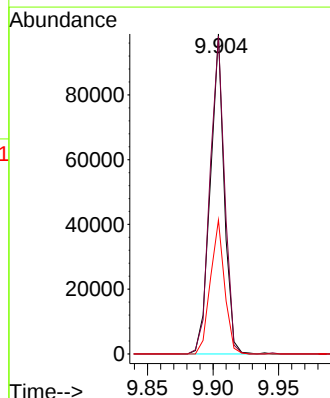
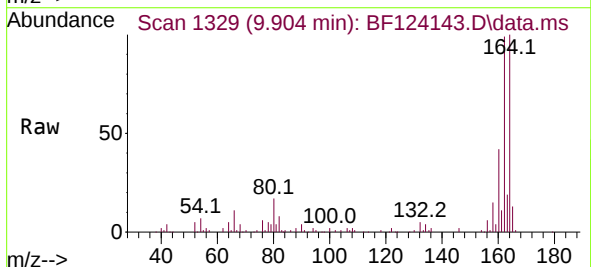
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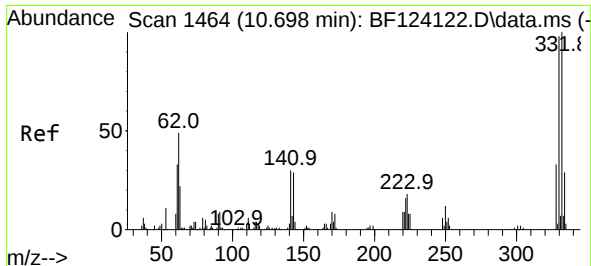
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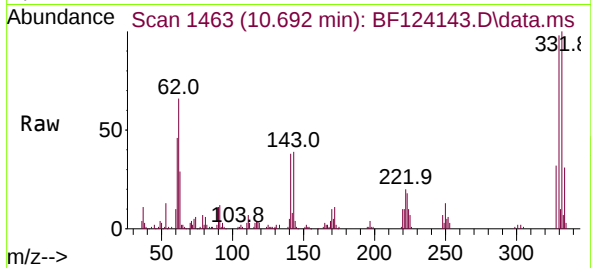
Tgt Ion: 164 Resp: 73185

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.7	121.1
160	41.9	37.3	55.9

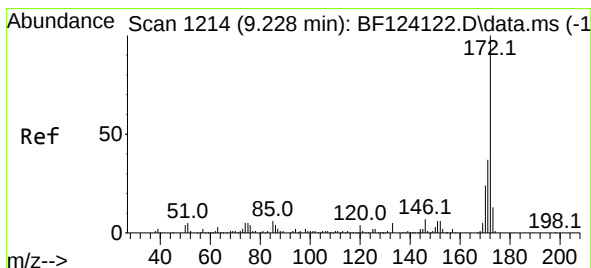
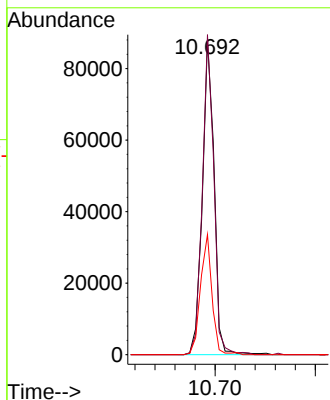
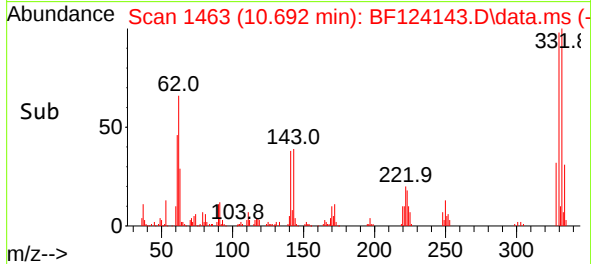




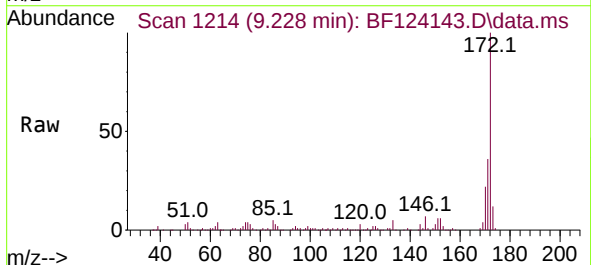
#42
2,4,6-Tribromophenol
Concen: 69.58 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124143.D
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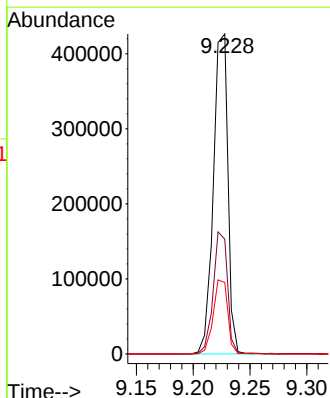
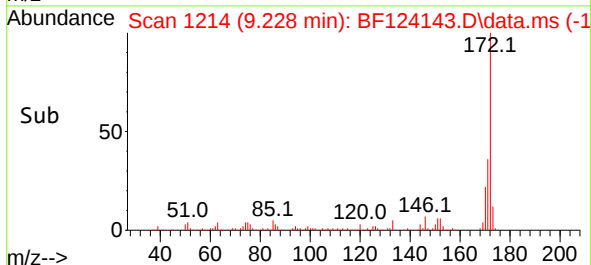
Tgt Ion: 330 Resp: 72140
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 37.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 65.54 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01



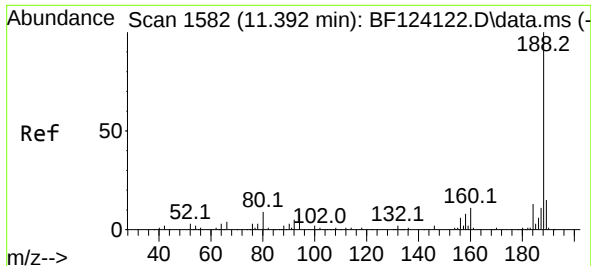
Tgt Ion: 172 Resp: 381180
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 22.4 19.2 28.8



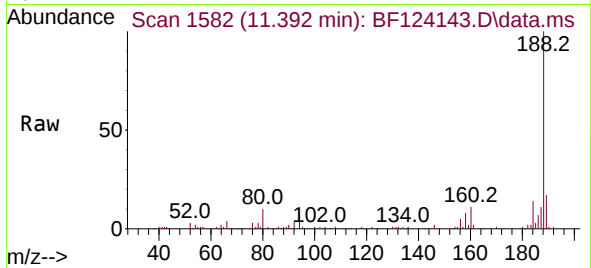
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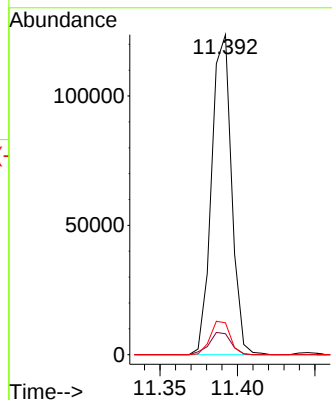
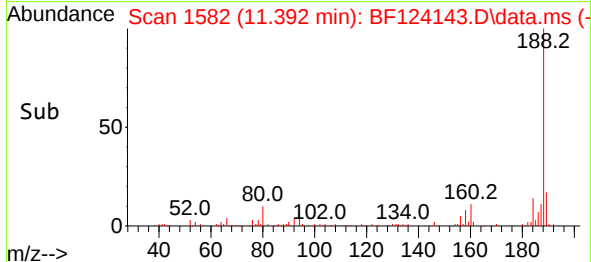
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01



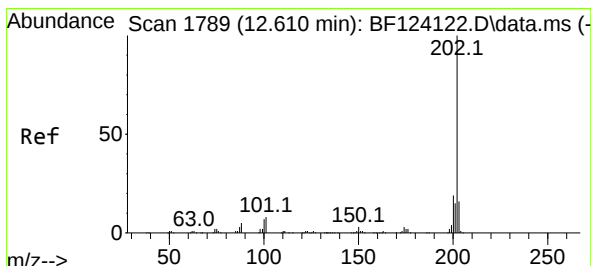
Tgt Ion:188 Resp: 110866
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 9.9 8.2 12.2



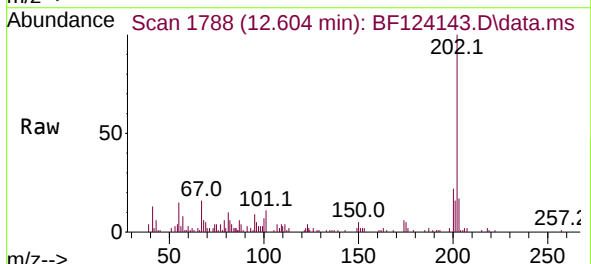
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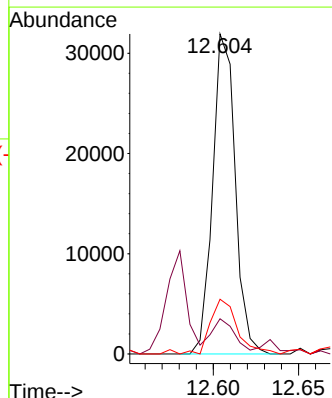
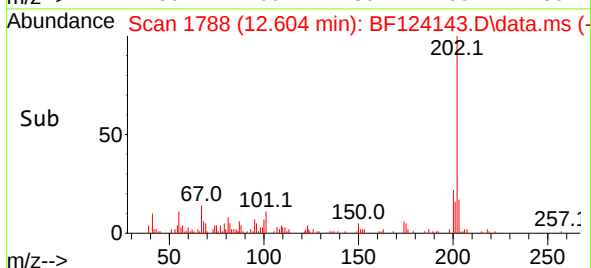
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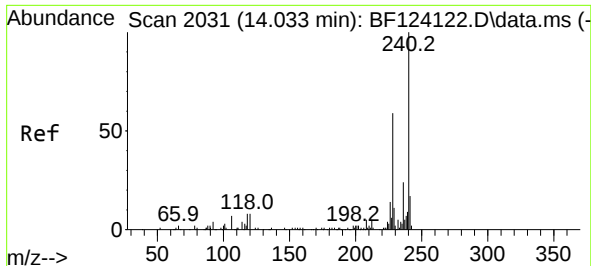


#75
Fluoranthene
Concen: 4.04 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01

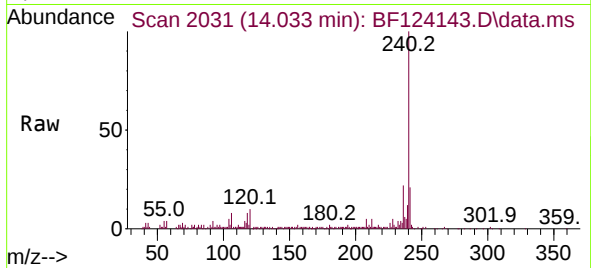


Tgt Ion:202 Resp: 29391
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.9
203 17.1 0.0 37.5

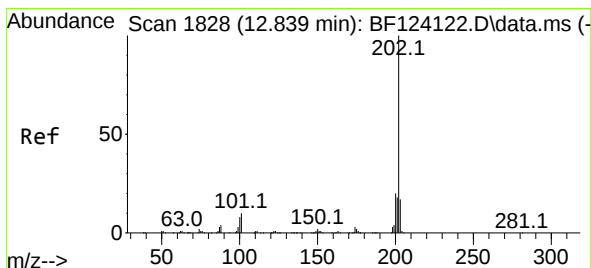
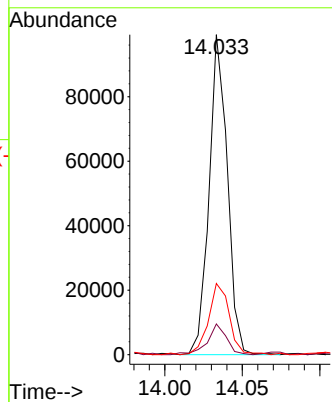
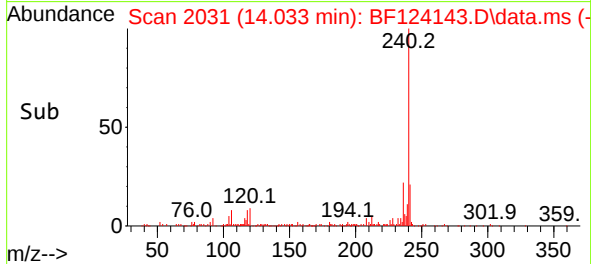




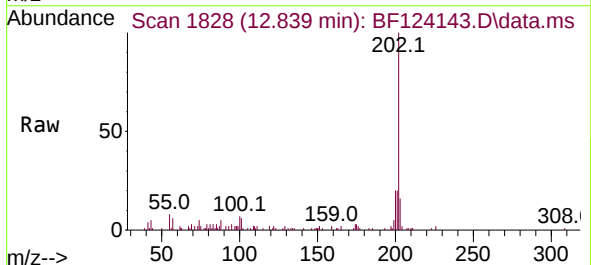
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01



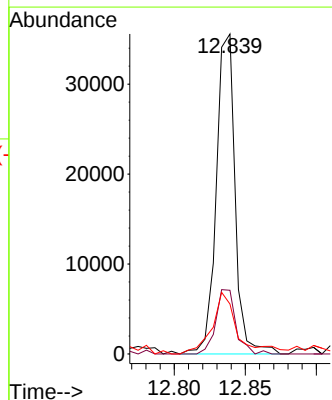
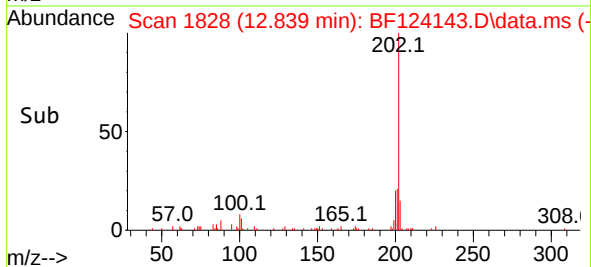
Tgt Ion:240 Resp: 81398
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 22.2 19.0 28.4



#78
Pyrene
Concen: 4.22 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01



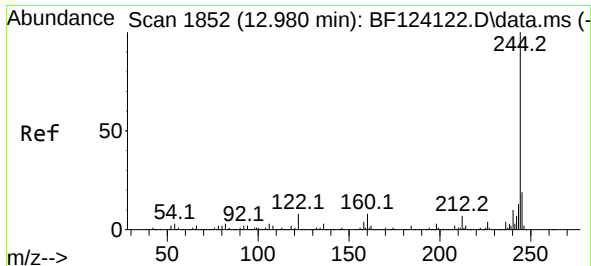
Tgt Ion:202 Resp: 32950
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 15.6 14.8 22.2



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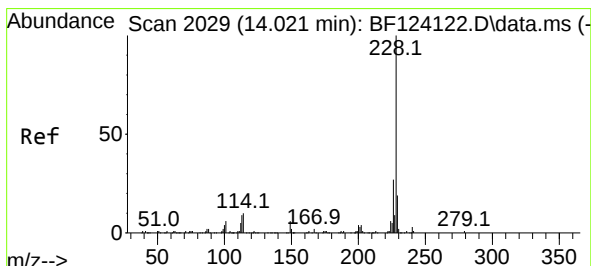
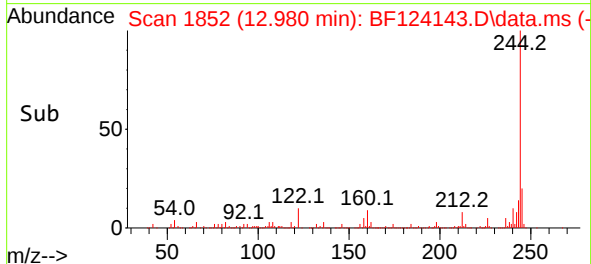
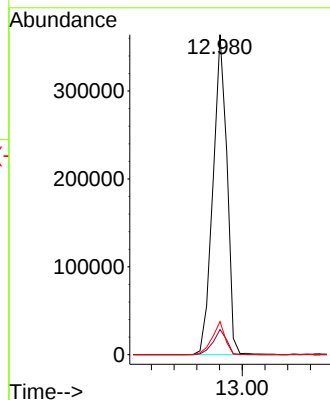
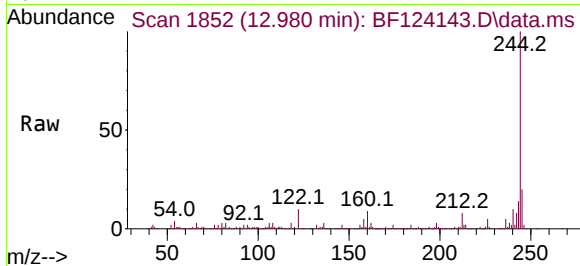
#79
Terphenyl-d14
Concen: 52.39 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01

Tgt Ion:244 Resp: 310632
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 10.3 9.7 14.5

Instrument :
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TR-05-060221

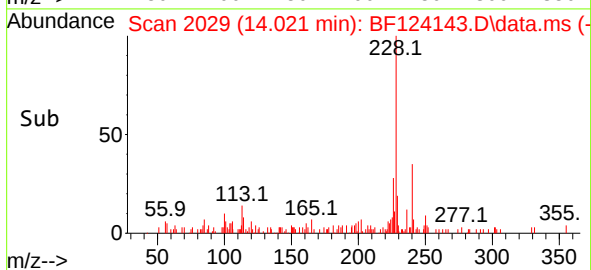
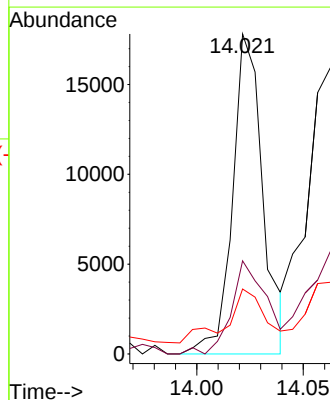
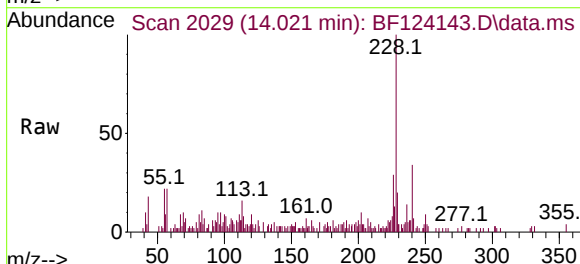
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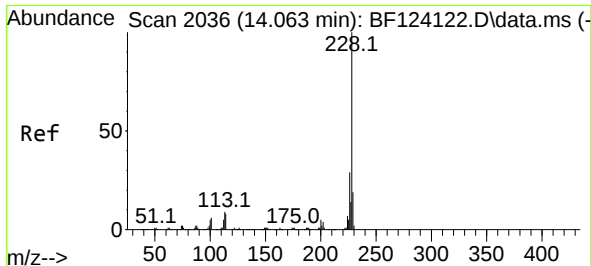
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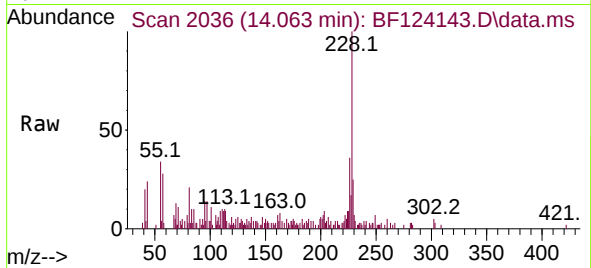
#81
Benzo(a)anthracene
Concen: 2.99 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01

Tgt Ion:228 Resp: 17715
Ion Ratio Lower Upper
228 100
226 29.1 22.4 33.6
229 20.3 16.0 24.0

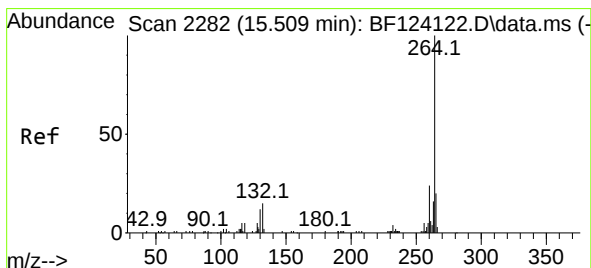
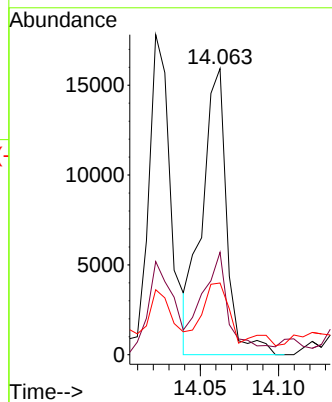
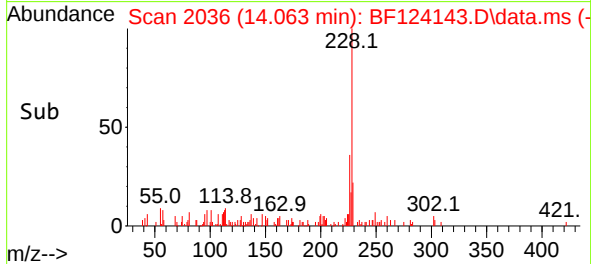




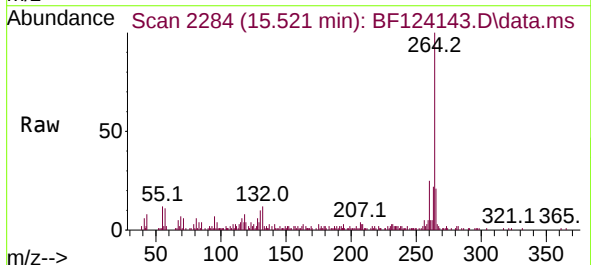
#83
Chrysene
Concen: 3.07 ng m
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01



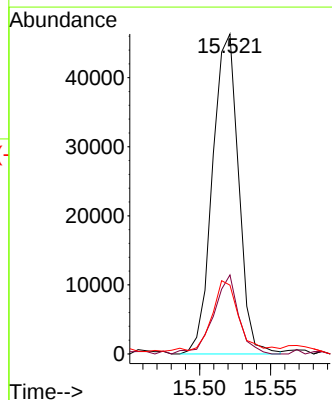
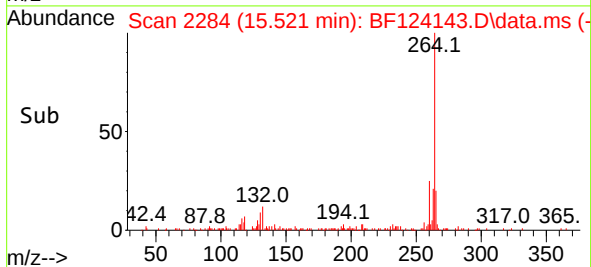
Tgt Ion:228 Resp: 17559
Ion Ratio Lower Upper
228 100
226 35.8 24.3 36.5
229 25.0 16.2 24.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01



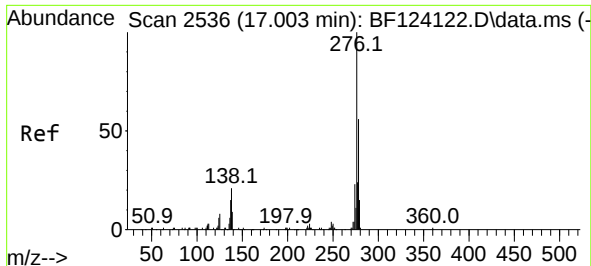
Tgt Ion:264 Resp: 59110
Ion Ratio Lower Upper
264 100
260 24.7 18.7 28.1
265 21.5 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
TR-05-060221

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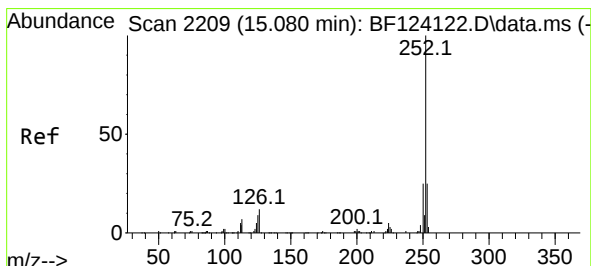
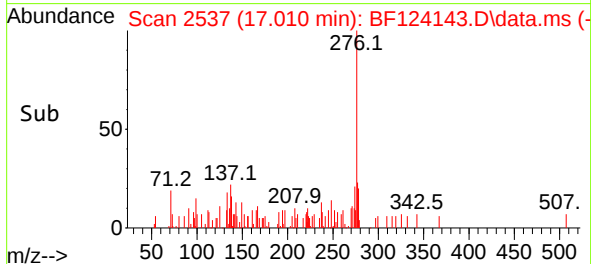
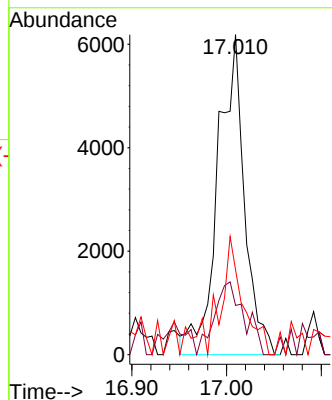
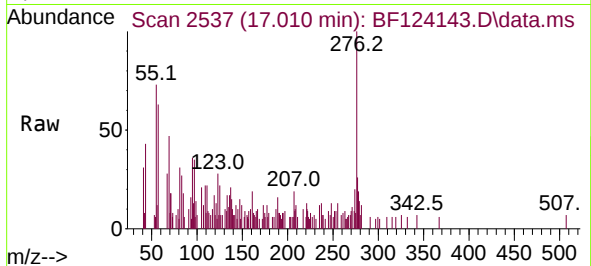
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.58 ng
RT: 17.010 min Scan# 2537
Delta R.T. 0.007 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01

Tgt Ion: 276 Resp: 12122
Ion Ratio Lower Upper
276 100
138 25.5 16.2 24.2#
277 31.5 20.1 30.1#

Instrument :
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ClientSampleId :
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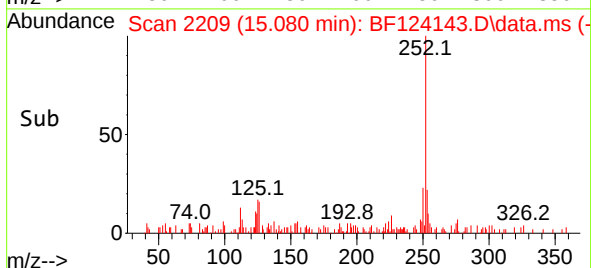
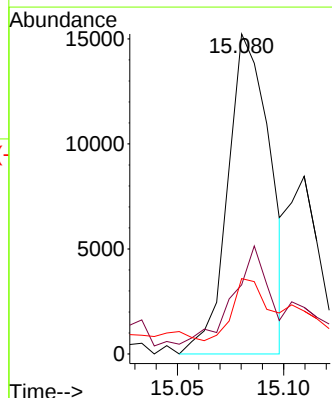
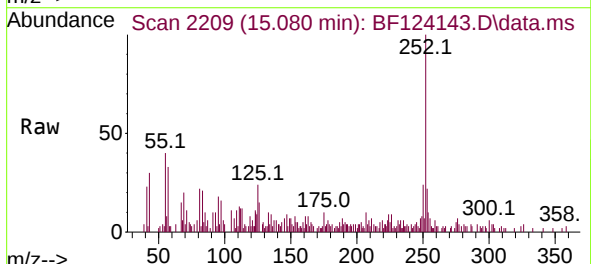
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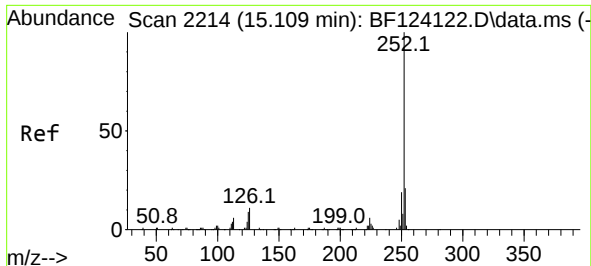
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#88
Benzo(b)fluoranthene
Concen: 4.58 ng m
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01

Tgt Ion: 252 Resp: 21019
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 23.5 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.05 ng m

RT: 15.110 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BF124143.D

Acq: 4 Jun 2021 17:01

Tgt Ion:	252	Resp:	8924
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.9	26.9
125	24.2	7.0	10.6#

Instrument :

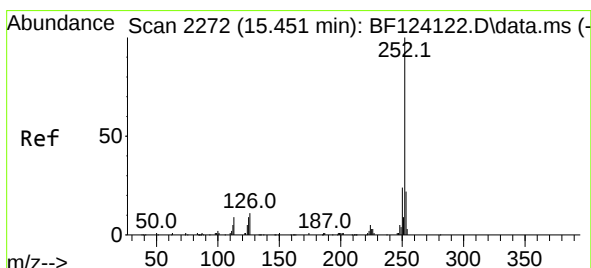
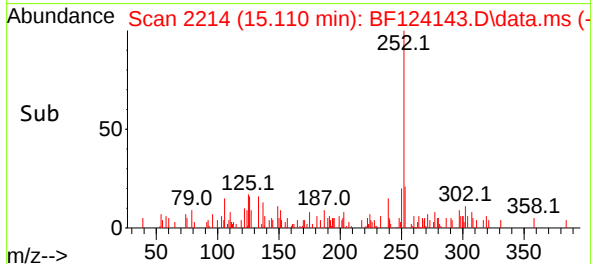
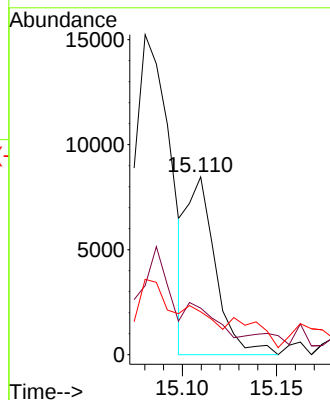
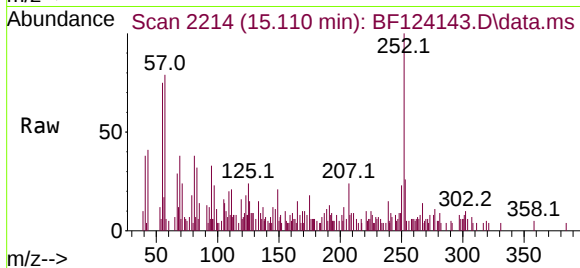
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ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 4.64 ng

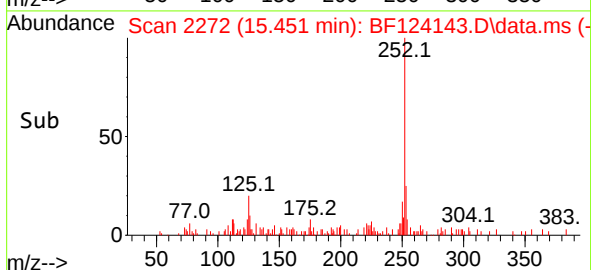
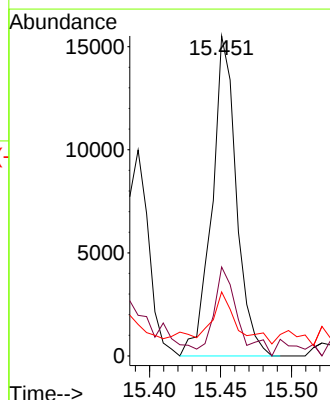
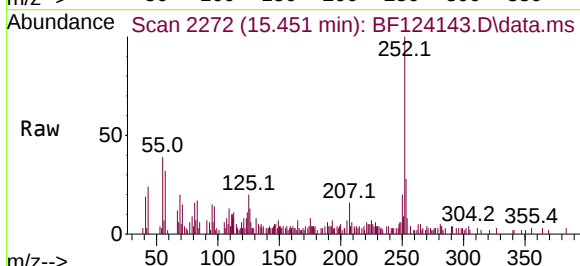
RT: 15.451 min Scan# 2272

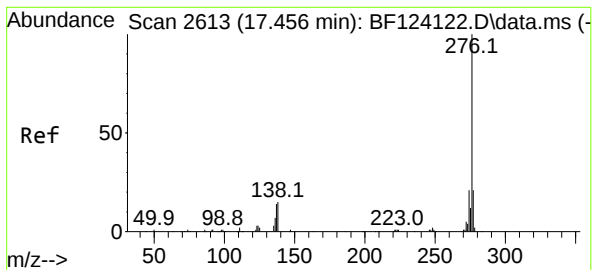
Delta R.T. 0.000 min

Lab File: BF124143.D

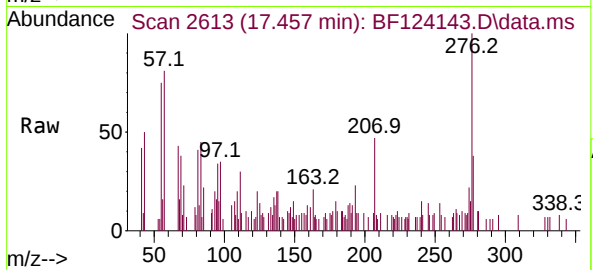
Acq: 4 Jun 2021 17:01

Tgt Ion:	252	Resp:	18489
Ion Ratio	Lower	Upper	
252	100		
253	27.8	18.4	27.6#
125	20.0	8.0	12.0#

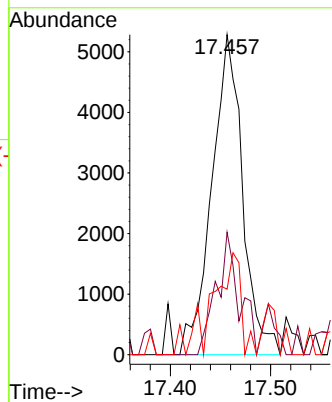
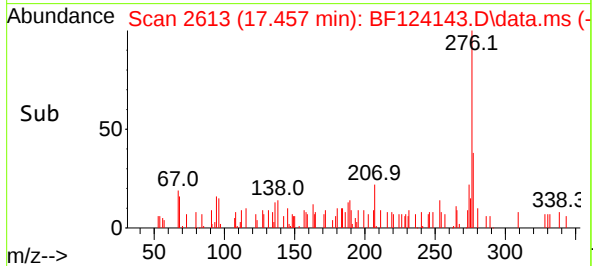




#92
Benzo(g,h,i)perylene
Concen: 6.30 ng
RT: 17.457 min Scan# 2613
Delta R.T. 0.001 min
Lab File: BF124143.D
Acq: 4 Jun 2021 17:01



Tgt Ion:	276	Resp:	11239
Ion Ratio	Lower	Upper	
276	100		
277	38.3	18.2	27.2#
138	20.5	13.8	20.6



Instrument :
BNA_F
ClientSampleId :
TR-05-060221

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