

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124630.D
 Acq On : 20 Jul 2021 14:49
 Operator : JU/CG
 Sample : M3065-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-071521

Manual Integrations
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Quant Time: Jul 20 15:14:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	6742	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	24163	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	11023	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	14272	20.000	ng	# 0.01
76) Chrysene-d12	14.080	240	12114	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	12031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	13596	34.939	ng	-0.01
7) Phenol-d6	6.522	99	16090	33.990	ng	0.00
23) Nitrobenzene-d5	7.463	82	9756	25.488	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	2648	30.870	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	19875	26.293	ng	0.00
79) Terphenyl-d14	13.027	244	14152	19.617	ng	0.00
Target Compounds						Qvalue
60) Diethylphthalate	10.351	149	2820	3.517	ng	# 69
71) Phenanthrene	11.469	178	6963	8.943	ng	# 76
75) Fluoranthene	12.663	202	11845	15.078	ng	96
78) Pyrene	12.892	202	10194m	10.129	ng	
81) Benzo(a)anthracene	14.068	228	4511	5.615	ng	98
83) Chrysene	14.104	228	5893	7.657	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	2134	3.266	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.051	276	2771	3.971	ng	# 76
88) Benzo(b)fluoranthene	15.121	252	8758m	10.142	ng	
89) Benzo(k)fluoranthene	15.139	252	2563m	3.235	ng	
90) Benzo(a)pyrene	15.492	252	4599	6.452	ng	# 95
92) Benzo(g,h,i)perylene	17.503	276	2680	4.622	ng	# 69

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

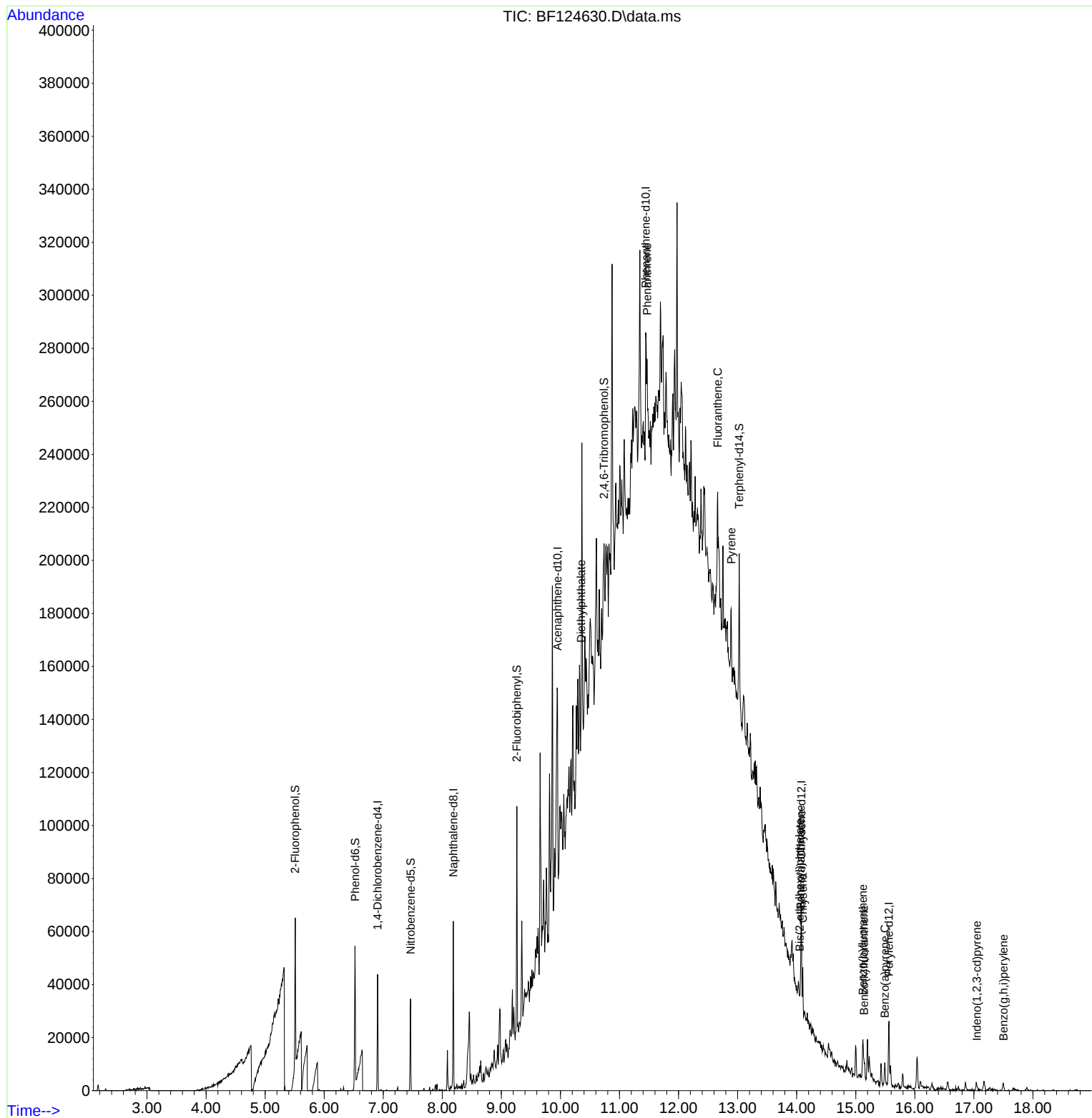
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124630.D
Acq On : 20 Jul 2021 14:49
Operator : JU/CG
Sample : M3065-01 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

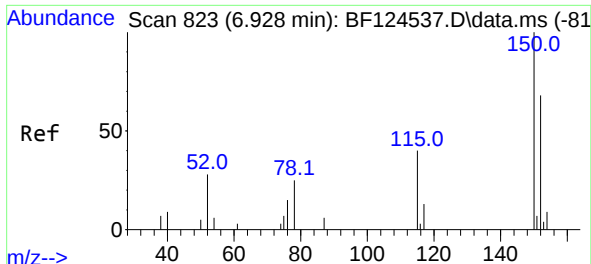
Instrument :
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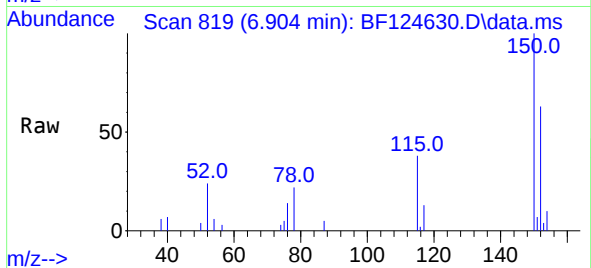
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
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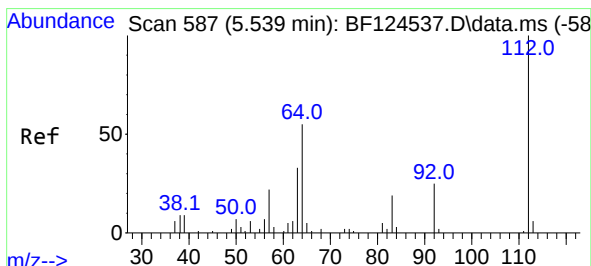
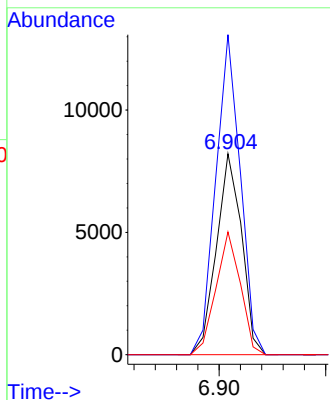
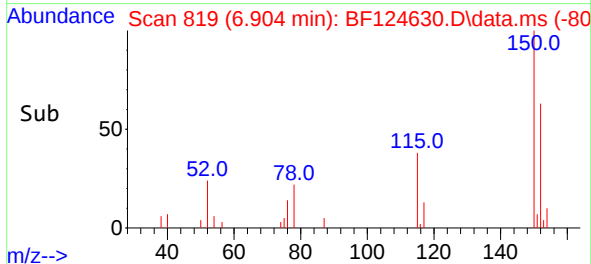




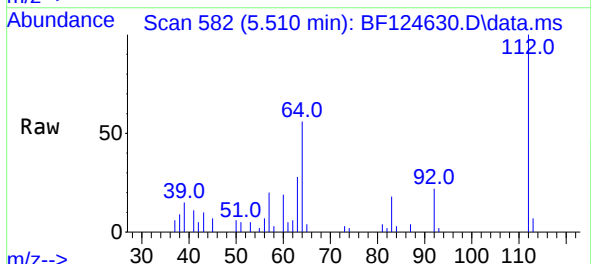
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49



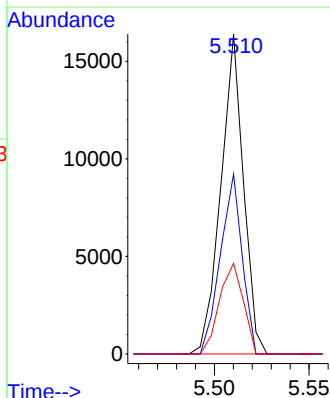
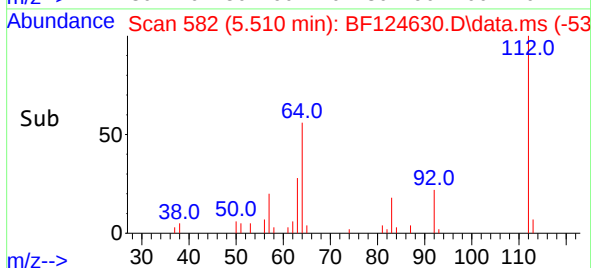
Tgt Ion:152 Resp: 6742
Ion Ratio Lower Upper
152 100
150 159.2 117.6 176.4
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 34.939 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.012 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49



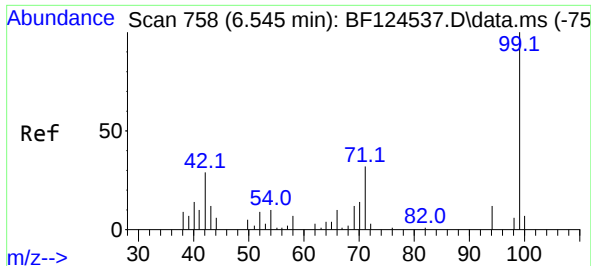
Tgt Ion:112 Resp: 13596
Ion Ratio Lower Upper
112 100
64 56.2 44.2 66.2
63 28.3 26.2 39.2



Instrument :
BNA_F
ClientSampleId :
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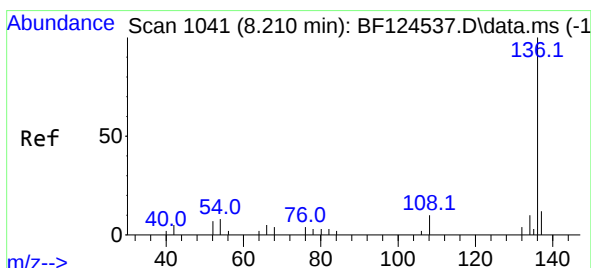
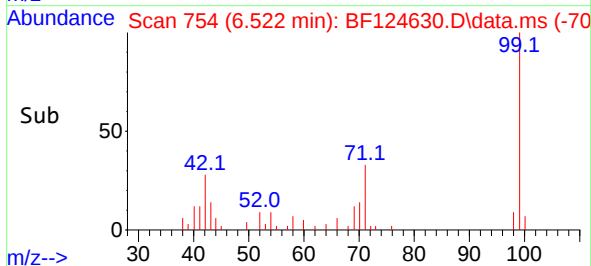
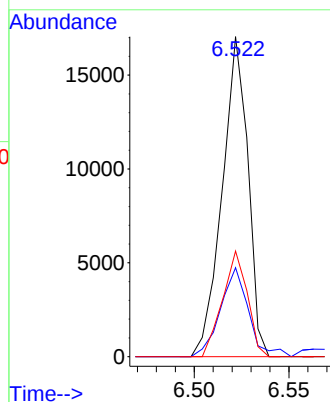
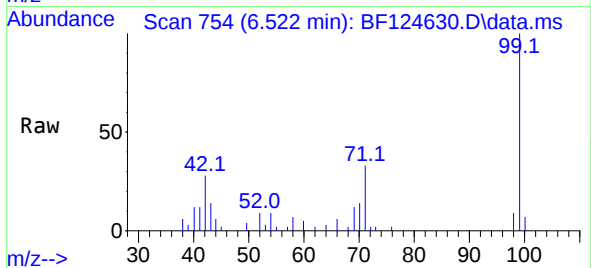
#7
Phenol-d6
Concen: 33.990 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:	99	Resp:	16090
Ion	Ratio	Lower	Upper
99	100		
42	27.8	23.5	35.3
71	33.0	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
TR-04-071521

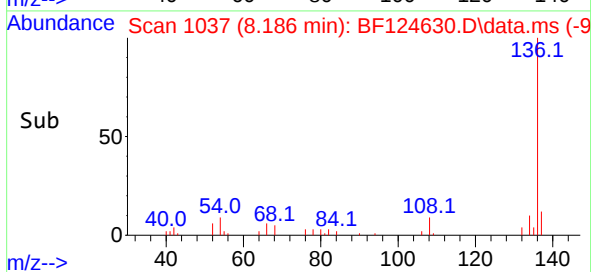
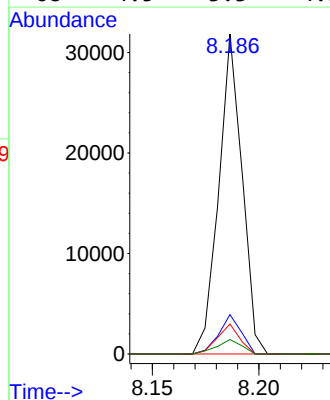
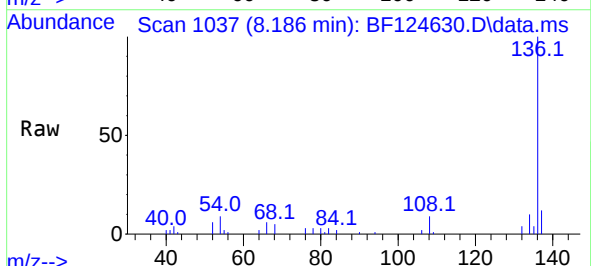
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:	136	Resp:	24163
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.8	14.6
54	9.3	6.4	9.6
68	4.5	3.3	4.9





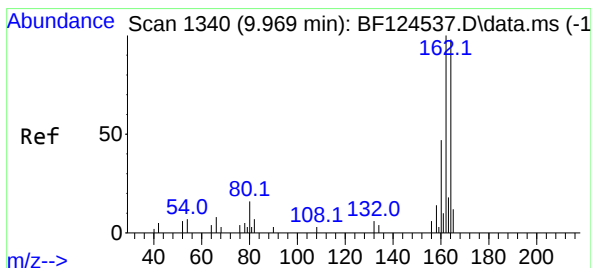
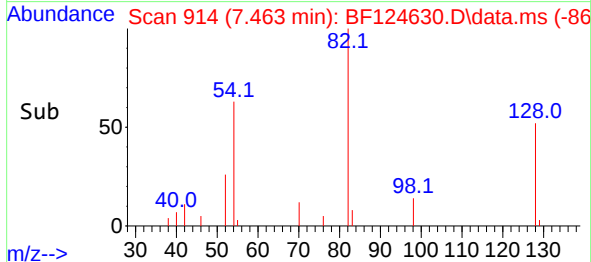
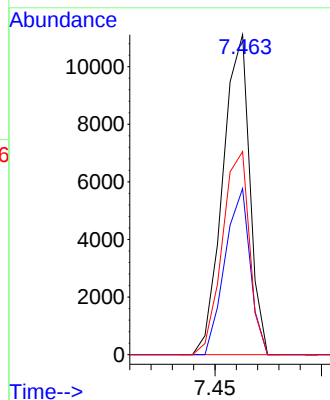
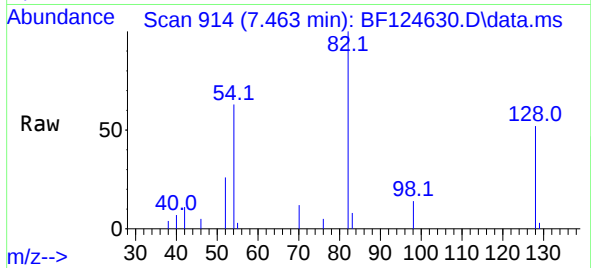
#23
Nitrobenzene-d5
Concen: 25.488 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:	82	Resp:	9756
Ion	Ratio	Lower	Upper
82	100		
128	51.9	40.6	60.8
54	63.5	49.6	74.4

Instrument :
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ClientSampleId :
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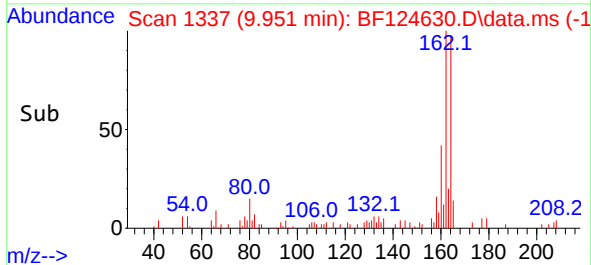
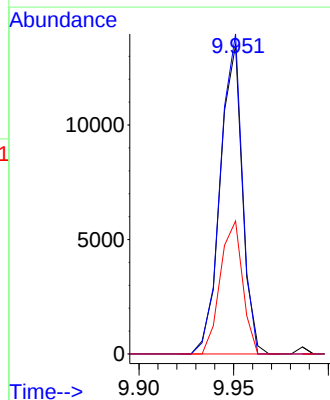
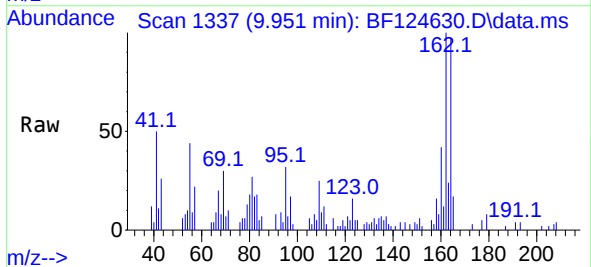
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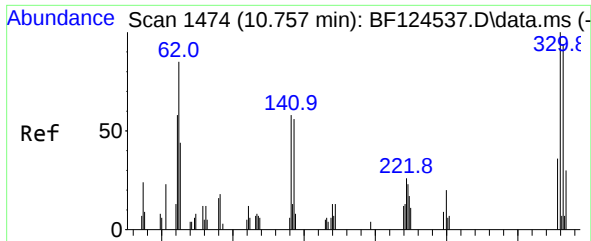
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

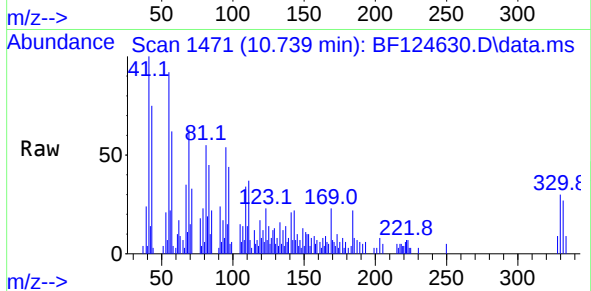
Tgt Ion:	164	Resp:	11023
Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.3	121.9
160	43.0	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 30.870 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

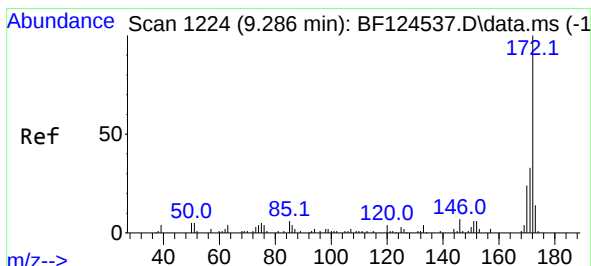
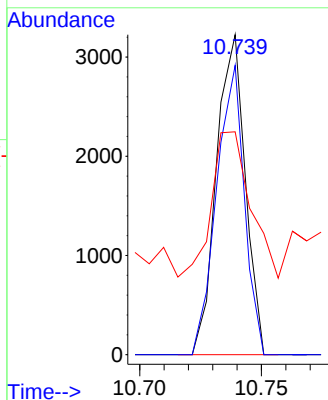
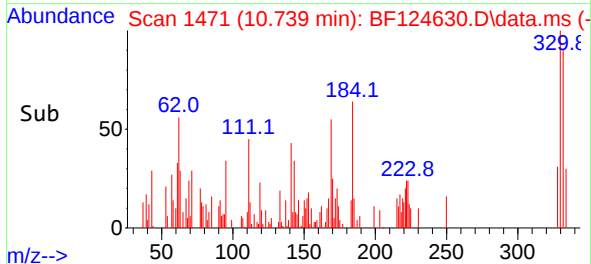
Instrument :
BNA_F
ClientSampled :
TR-04-071521



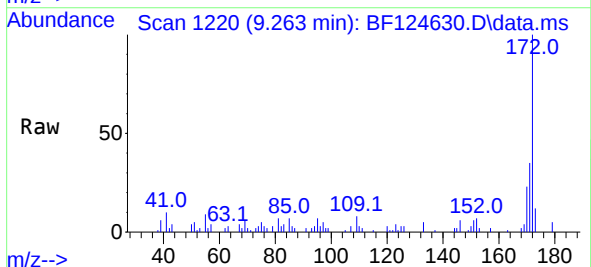
Tgt Ion: 330 Resp: 2648
Ion Ratio Lower Upper
330 100
332 87.3 76.2 114.4
141 61.4 44.6 66.8

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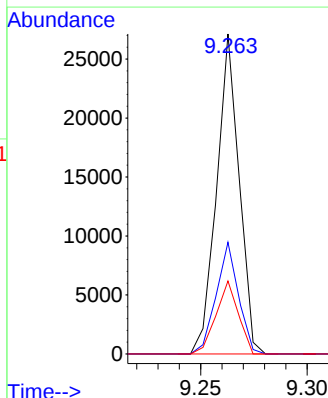
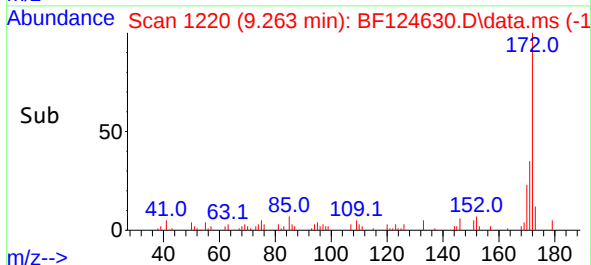
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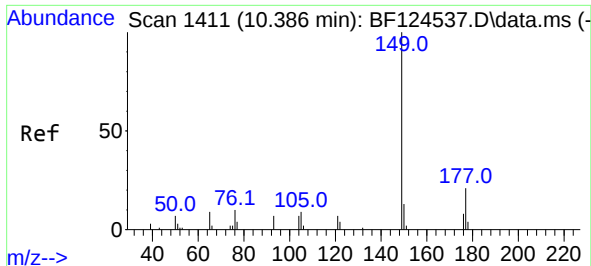


#45
2-Fluorobiphenyl
Concen: 26.293 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49



Tgt Ion: 172 Resp: 19875
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 22.8 18.8 28.2





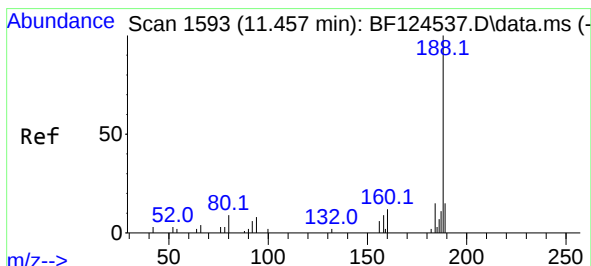
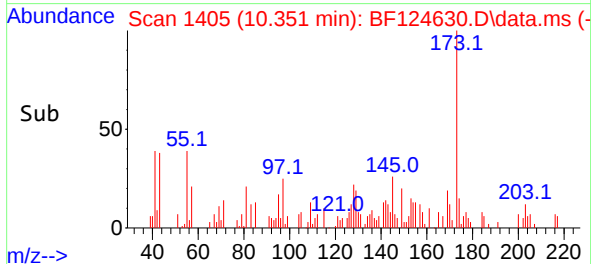
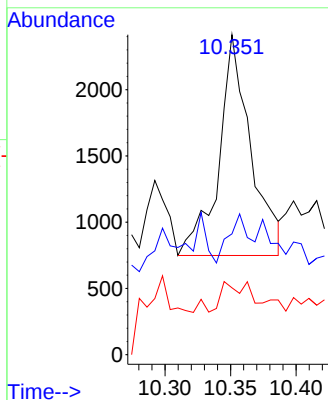
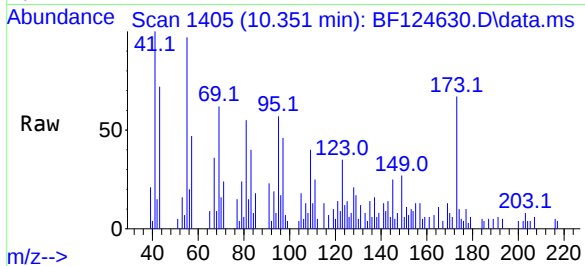
#60
Diethylphthalate
Concen: 3.517 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:149 Resp: 2820
Ion Ratio Lower Upper
149 100
177 37.8 16.5 24.7#
150 20.9 10.1 15.1#

Instrument :
BNA_F
ClientSampleId :
TR-04-071521

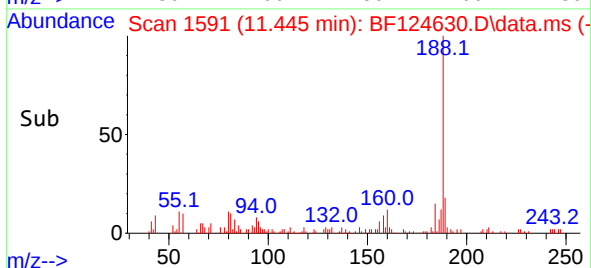
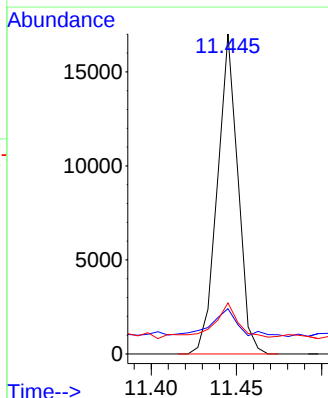
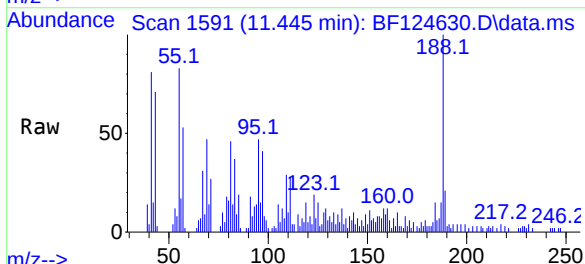
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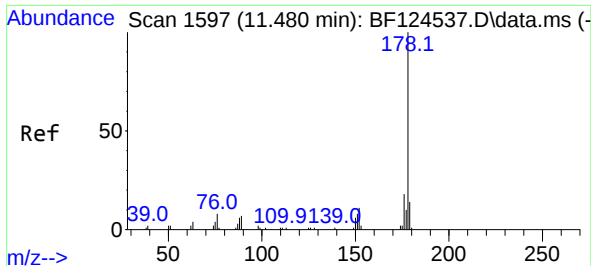
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.012 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:188 Resp: 14272
Ion Ratio Lower Upper
188 100
94 14.1 6.7 10.1#
80 16.0 7.5 11.3#





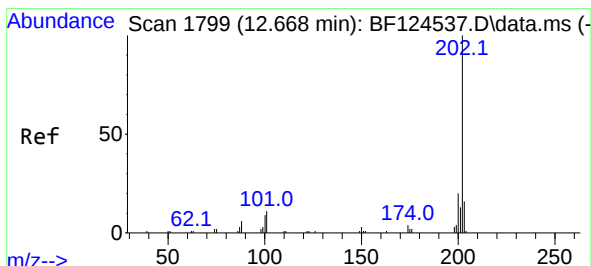
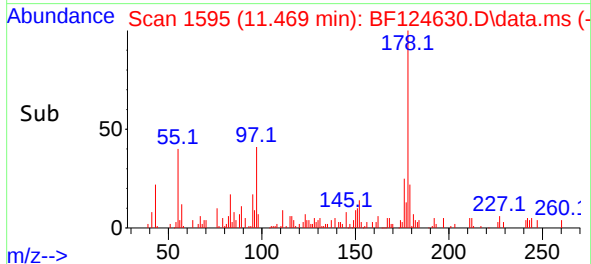
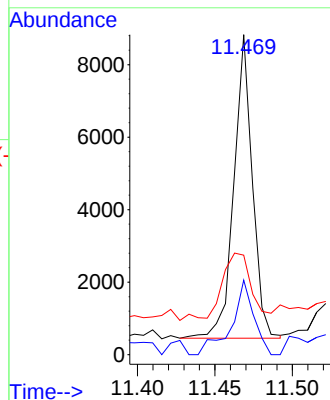
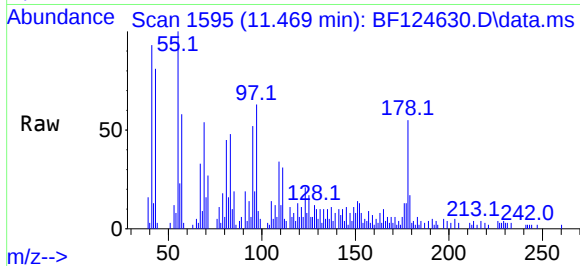
#71
Phenanthrene
Concen: 8.943 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:178 Resp: 6963
Ion Ratio Lower Upper
178 100
176 23.3 14.7 22.1#
179 31.1 11.5 17.3#

Instrument :
BNA_F
ClientSampled :
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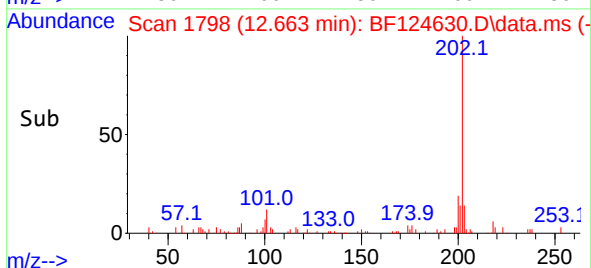
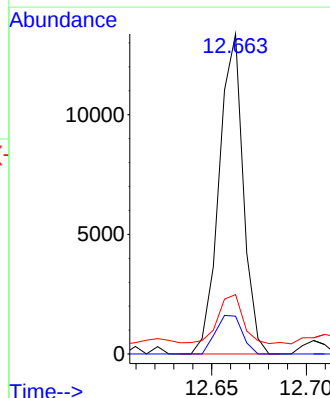
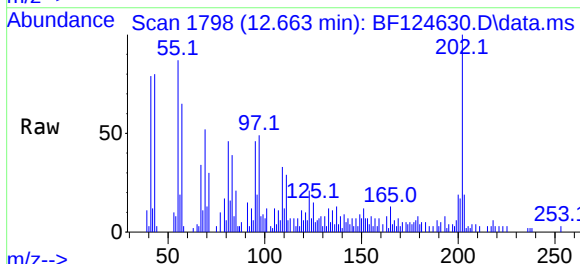
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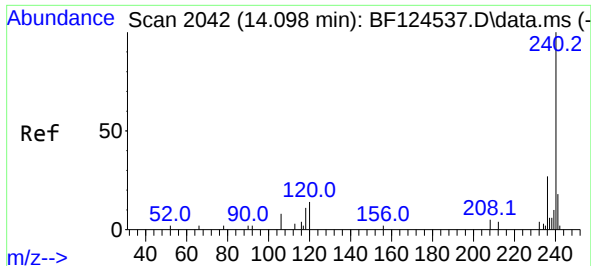
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#75
Fluoranthene
Concen: 15.078 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.012 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

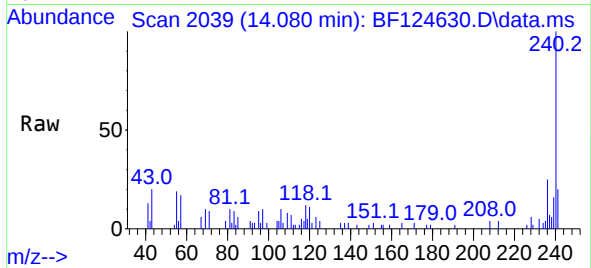
Tgt Ion:202 Resp: 11845
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.7
203 18.6 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

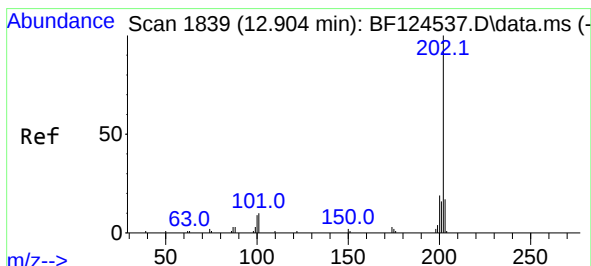
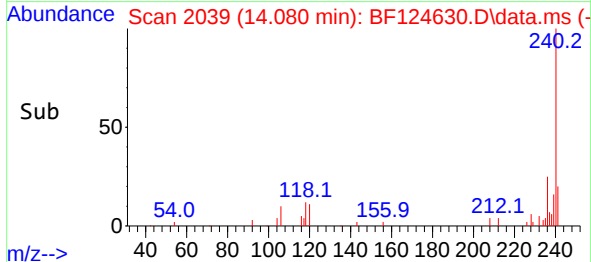
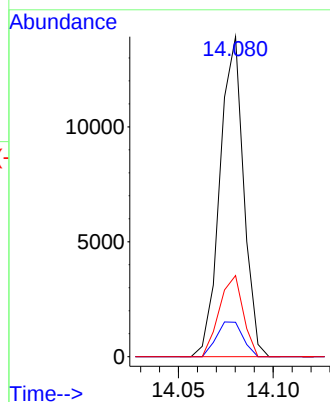
Instrument :
BNA_F
ClientSampled :
TR-04-071521



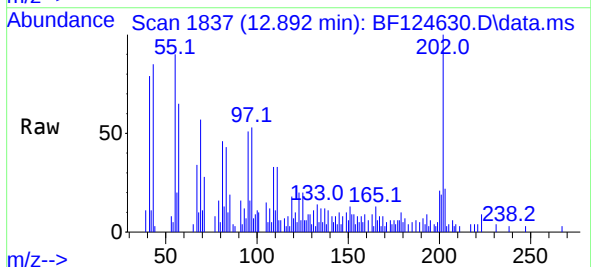
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Ion Ratio Lower Upper
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120 10.7 10.8 16.2#
236 25.4 21.6 32.4

Manual Integrations
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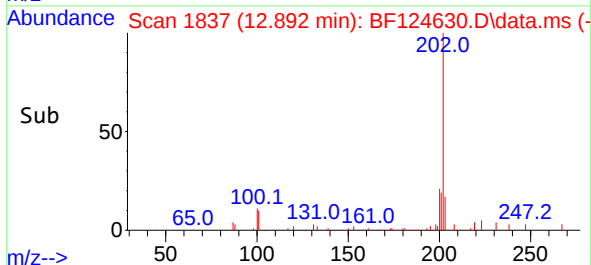
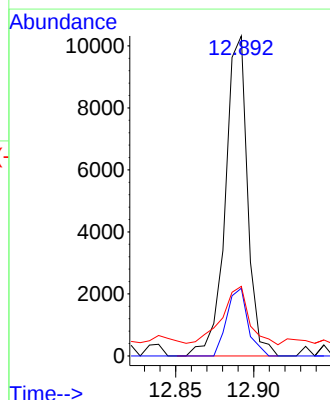
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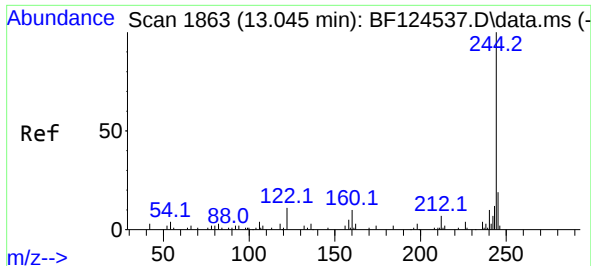


#78
Pyrene
Concen: 10.129 ng m
RT: 12.892 min Scan# 1837
Delta R.T. 0.012 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49



Tgt Ion:202 Resp: 10194
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 21.7 13.4 20.0#





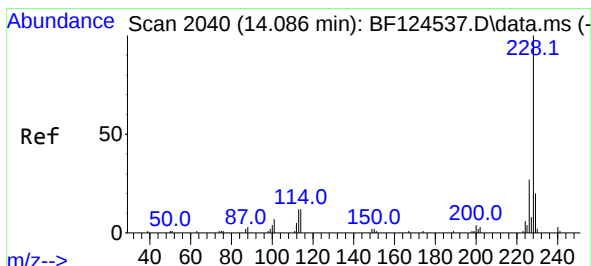
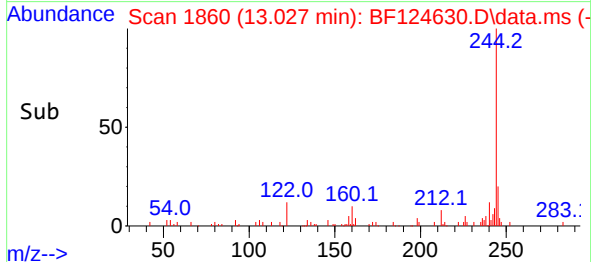
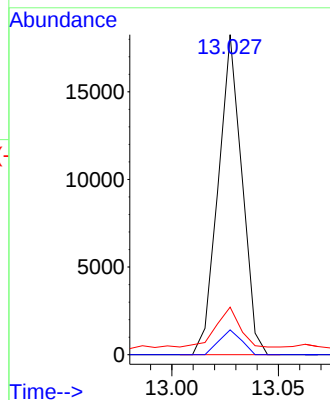
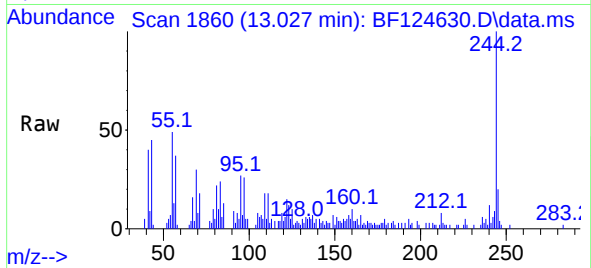
#79
Terphenyl-d14
Concen: 19.617 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:244 Resp: 14152
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 14.9 9.0 13.4#

Instrument :
BNA_F
ClientSampleId :
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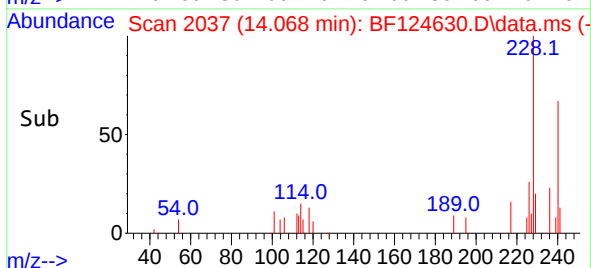
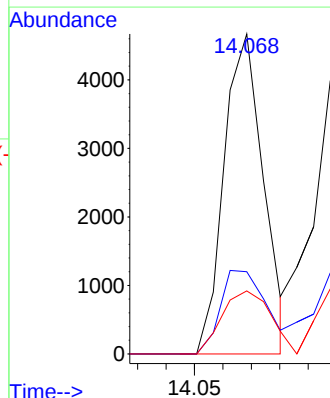
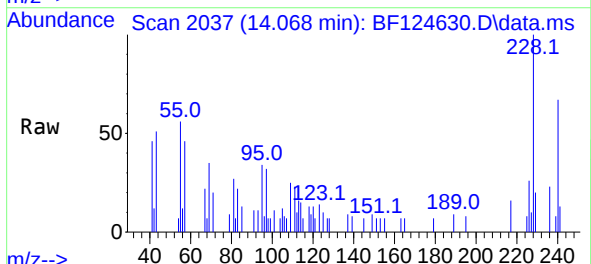
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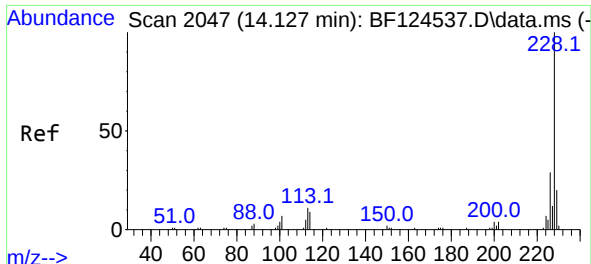
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#81
Benzo(a)anthracene
Concen: 5.615 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:228 Resp: 4511
Ion Ratio Lower Upper
228 100
226 25.7 21.6 32.4
229 19.7 15.6 23.4





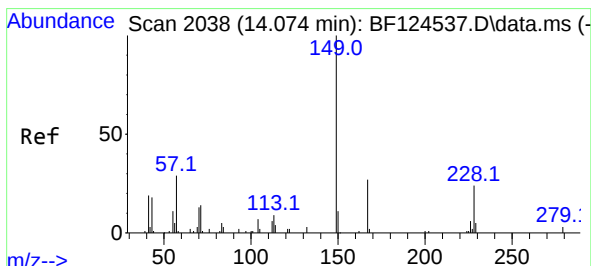
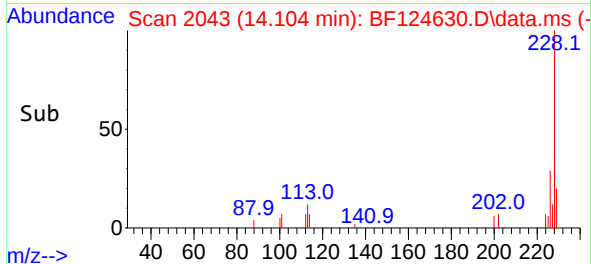
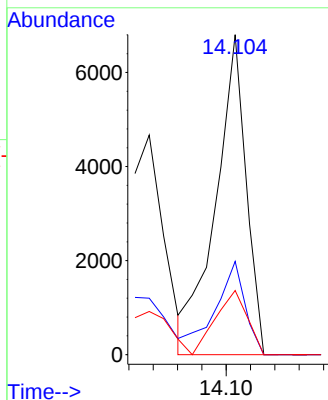
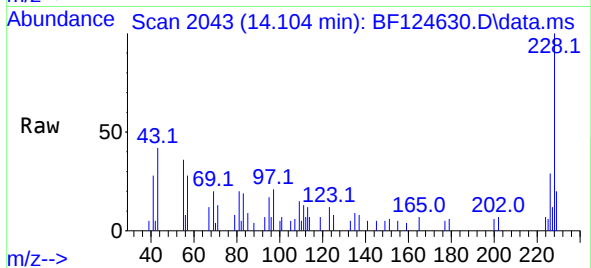
#83
Chrysene
Concen: 7.657 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:	228	Resp:	5893
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.6	34.0
229	20.0	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
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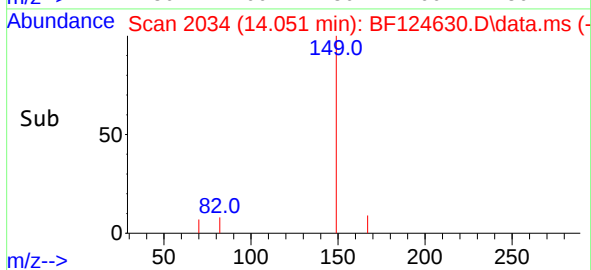
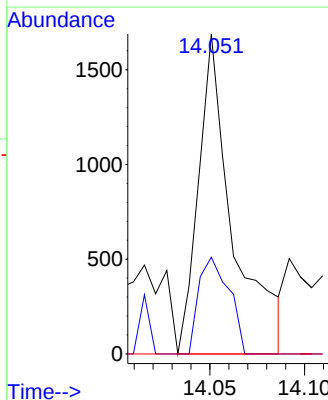
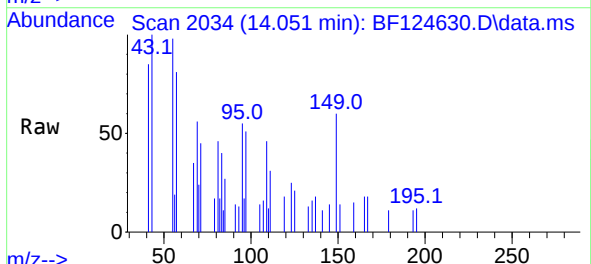
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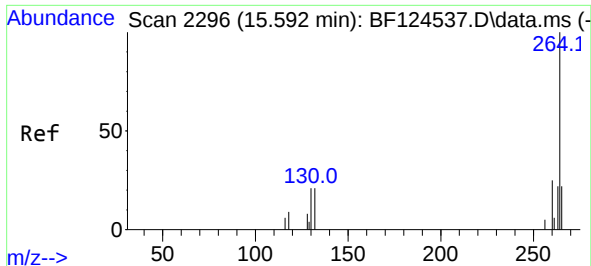
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.266 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:	149	Resp:	2134
Ion Ratio	Lower	Upper	
149	100		
167	30.3	21.4	32.0
279	0.0	2.6	4.0#





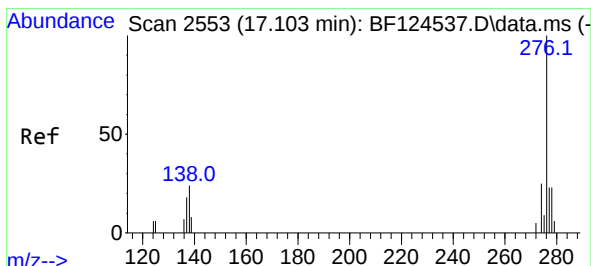
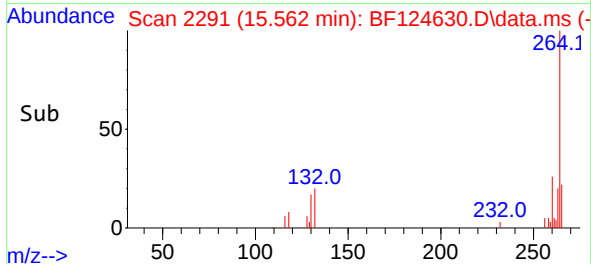
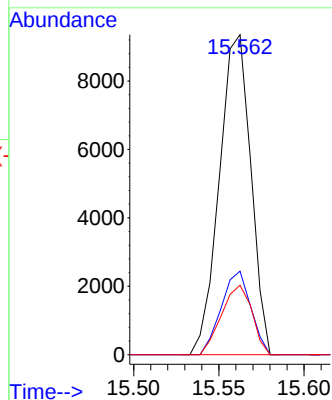
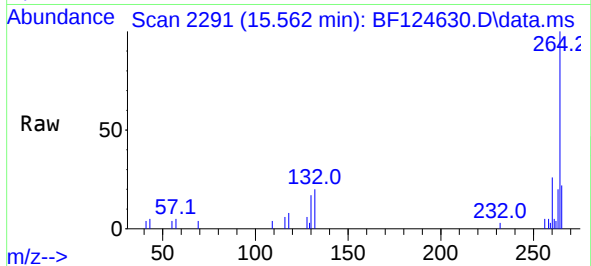
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:264	Resp:	12031
Ion Ratio	Lower	Upper
264	100	
260	26.1	19.6 29.4
265	21.7	17.2 25.8

Instrument :
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ClientSampleId :
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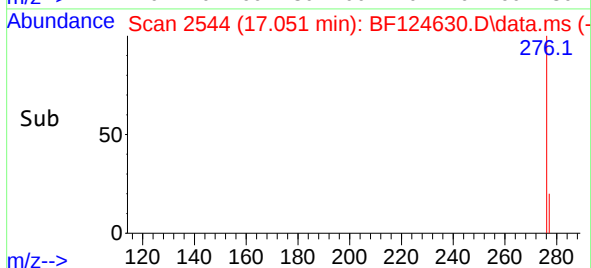
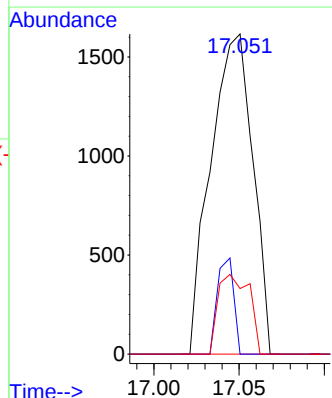
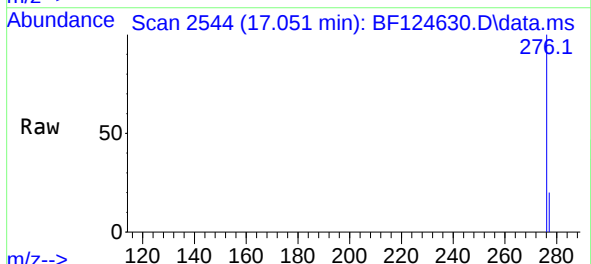
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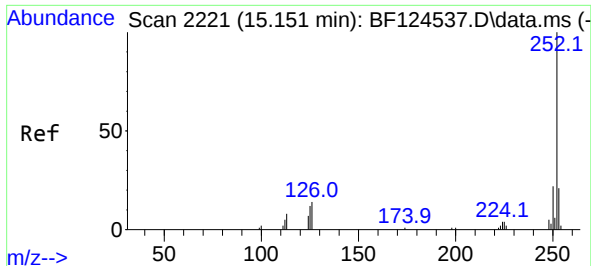
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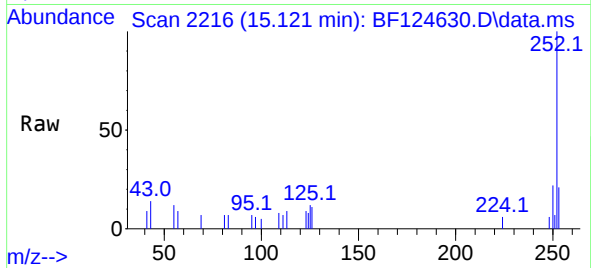
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.971 ng
RT: 17.051 min Scan# 2544
Delta R.T. -0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:276	Resp:	2771
Ion Ratio	Lower	Upper
276	100	
138	11.7	24.1 36.1#
277	18.4	18.8 28.2#

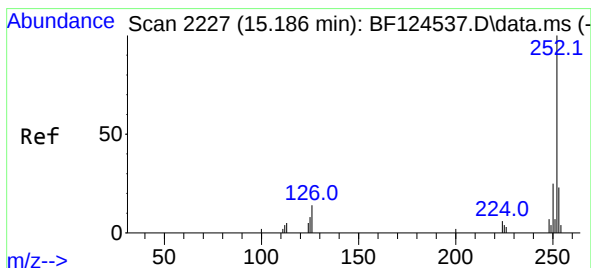
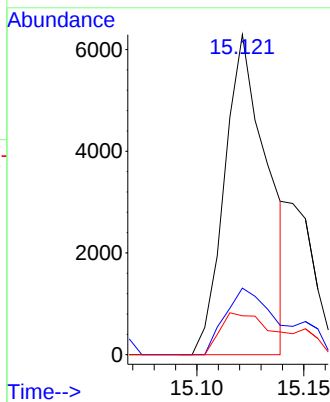
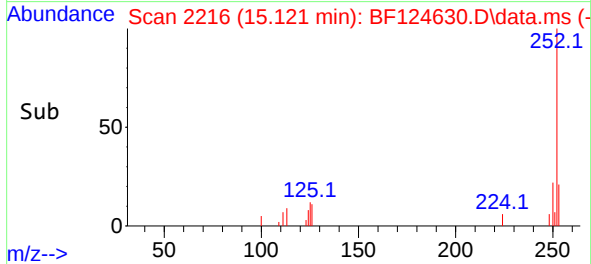




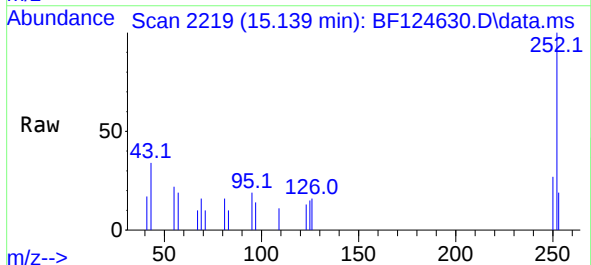
#88
Benzo(b)fluoranthene
Concen: 10.142 ng m
RT: 15.121 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49



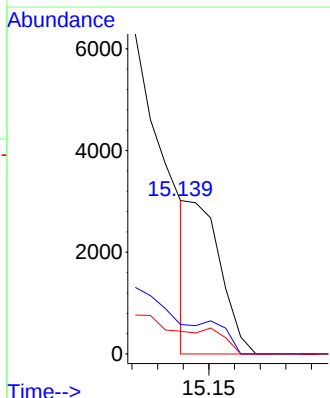
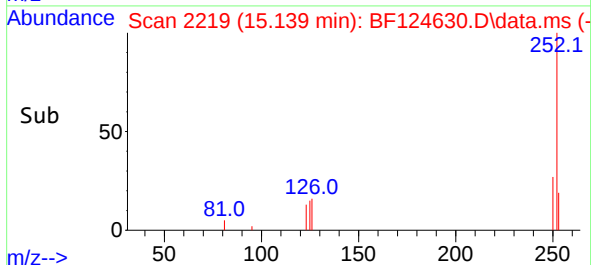
Tgt Ion:252 Resp: 8758
Ion Ratio Lower Upper
252 100
253 20.8 16.8 25.2
125 12.1 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 3.235 ng m
RT: 15.139 min Scan# 2219
Delta R.T. -0.018 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49



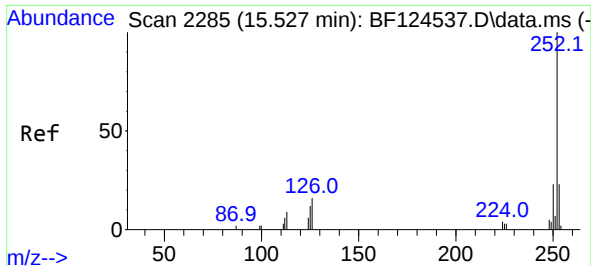
Tgt Ion:252 Resp: 2563
Ion Ratio Lower Upper
252 100
253 19.2 17.8 26.8
125 14.8 7.2 10.8#



Instrument :
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ClientSampled :
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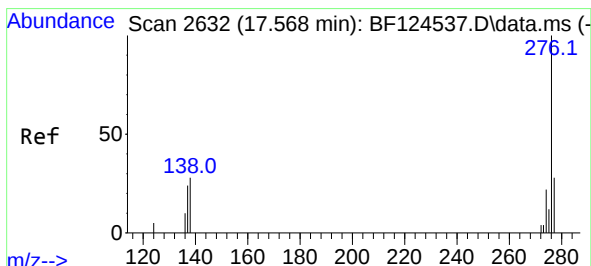
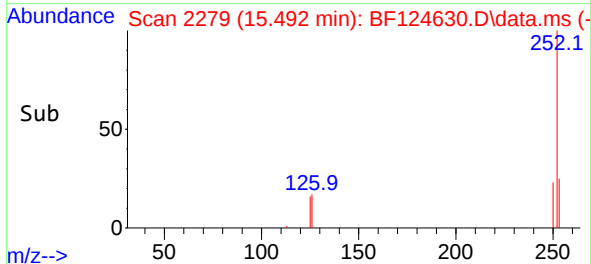
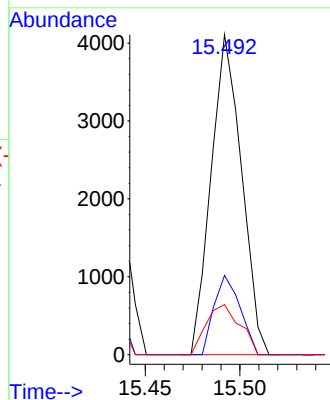
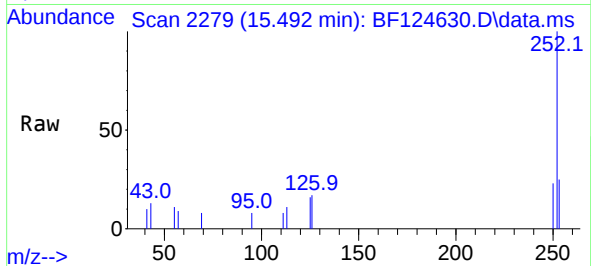
#90
Benzo(a)pyrene
Concen: 6.452 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:	252	Resp:	4599
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.4	27.6
125	15.7	9.9	14.9#

Instrument :
BNA_F
ClientSampleId :
TR-04-071521

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#92
Benzo(g,h,i)perylene
Concen: 4.622 ng
RT: 17.503 min Scan# 2621
Delta R.T. -0.012 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:	276	Resp:	2680
Ion Ratio	Lower	Upper	
276	100		
277	22.7	22.0	33.0
138	0.0	22.2	33.4#

