

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
 Data File : BF124485.D
 Acq On : 29 Jun 2021 00:19
 Operator : JU/CG
 Sample : M2856-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Manual Integrations
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Quant Time: Jun 29 05:13:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 16:01:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	36049	20.000	ng	-0.01
21) Naphthalene-d8	7.975	136	130584	20.000	ng	#-0.01
39) Acenaphthene-d10	9.728	164	79156	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	121250	20.000	ng	-0.02
76) Chrysene-d12	13.857	240	86811	20.000	ng	-0.01
86) Perylene-d12	15.292	264	80459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	236709	103.268	ng	-0.02
7) Phenol-d6	6.345	99	290058	96.915	ng	-0.02
23) Nitrobenzene-d5	7.257	82	217502	69.061	ng	-0.02
42) 2,4,6-Tribromophenol	10.516	330	90771	95.982	ng	-0.02
45) 2-Fluorobiphenyl	9.051	172	432041	66.861	ng	-0.02
79) Terphenyl-d14	12.798	244	344126	59.374	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	9.586	152	47787	6.007	ng	95
50) Dimethylphthalate	9.451	163	67285	10.781	ng	# 98
71) Phenanthrene	11.233	178	39867m	5.216	ng	
72) Anthracene	11.292	178	18834	2.473	ng	94
75) Fluoranthene	12.427	202	184319	23.963	ng	96
78) Pyrene	12.657	202	171780	21.678	ng	99
81) Benzo(a)anthracene	13.851	228	136410m	21.795	ng	
83) Chrysene	13.886	228	138034	22.255	ng	97
84) Bis(2-ethylhexyl)phtha...	13.833	149	16760	3.975	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.686	276	83327	13.133	ng	94
88) Benzo(b)fluoranthene	14.886	252	226714m	37.184	ng	
89) Benzo(k)fluoranthene	14.910	252	54131m	9.704	ng	
90) Benzo(a)pyrene	15.233	252	142845	26.365	ng	# 97
91) Dibenzo(a,h)anthracene	16.692	278	23743m	4.344	ng	
92) Benzo(g,h,i)perylene	17.109	276	81129	15.085	ng	95

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

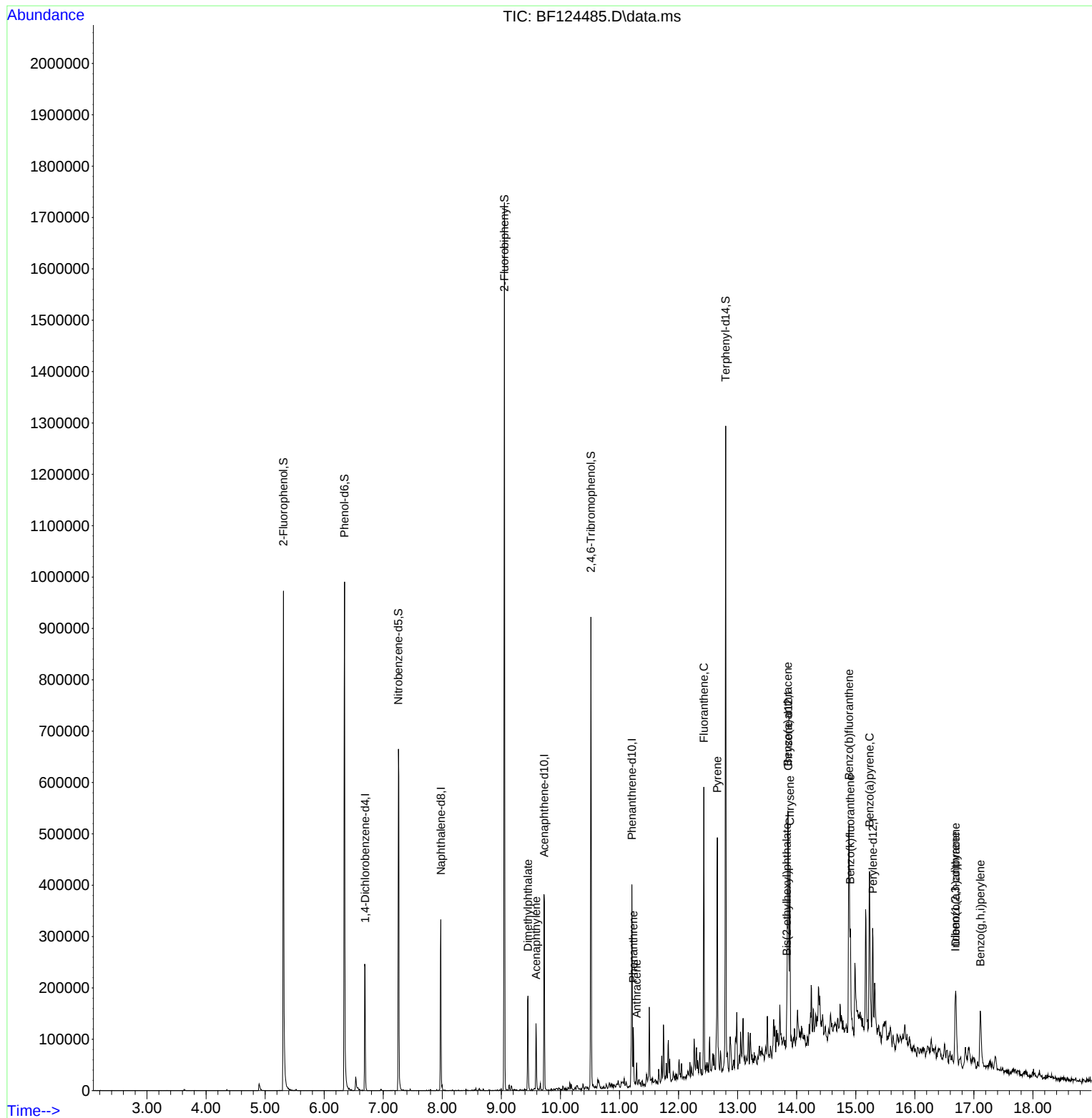
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Data File : BF124485.D
Acq On : 29 Jun 2021 00:19
Operator : JU/CG
Sample : M2856-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

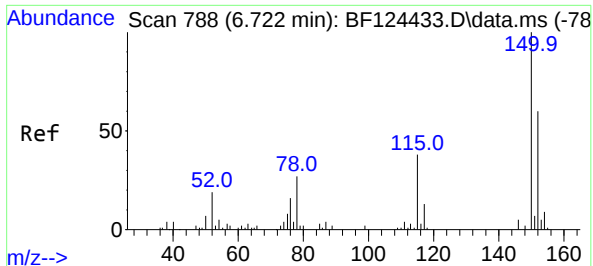
Instrument :
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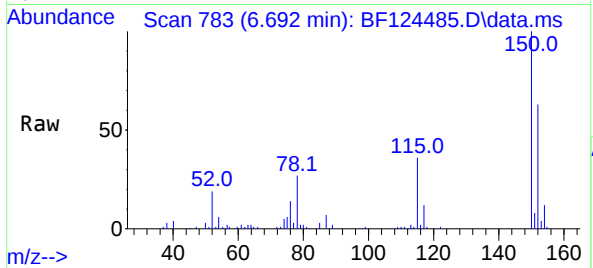
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Quant Time: Jun 29 05:13:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 16:01:42 2021
Response via : Initial Calibration

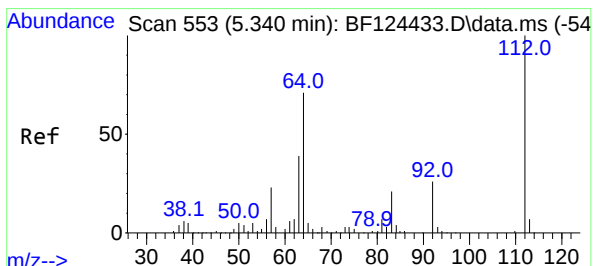
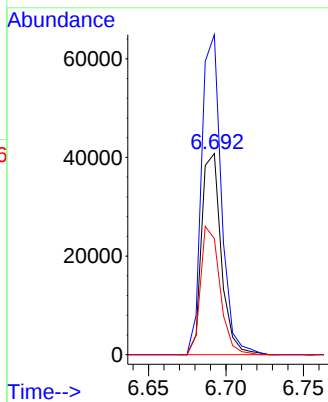
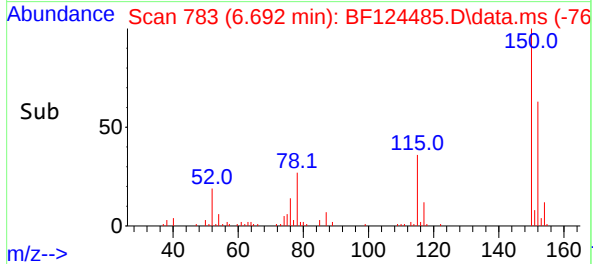




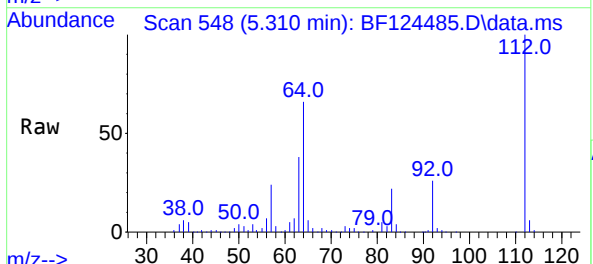
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.011 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19



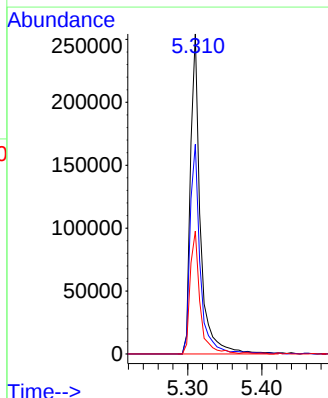
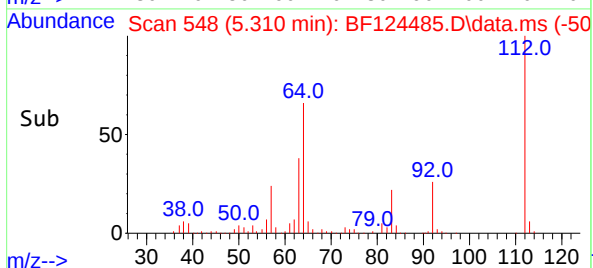
Tgt Ion:152 Resp: 36049
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 57.7 54.3 81.5



#5
2-Fluorophenol
Concen: 103.268 ng
RT: 5.310 min Scan# 548
Delta R.T. -0.018 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19



Tgt Ion:112 Resp: 236709
Ion Ratio Lower Upper
112 100
64 65.5 61.4 92.0
63 38.4 33.0 49.4

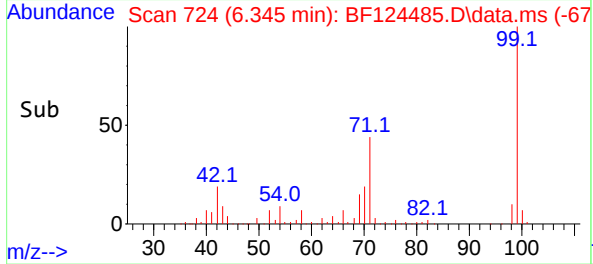
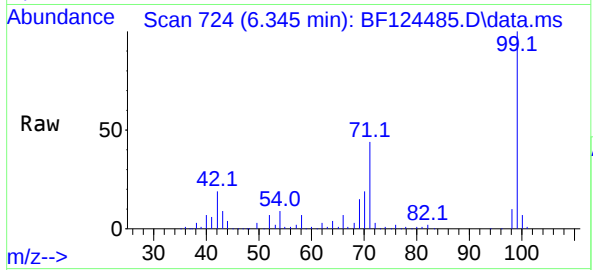
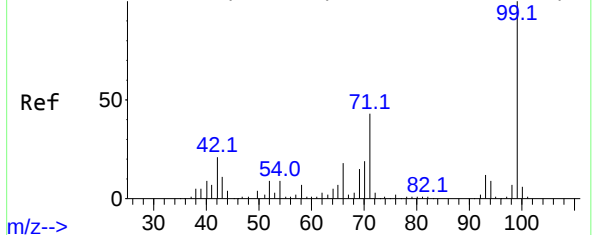


Instrument :
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ClientSampleId :
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Abundance Scan 729 (6.375 min): BF124433.D\data.ms (-72



#7

Phenol-d6

Concen: 96.915 ng

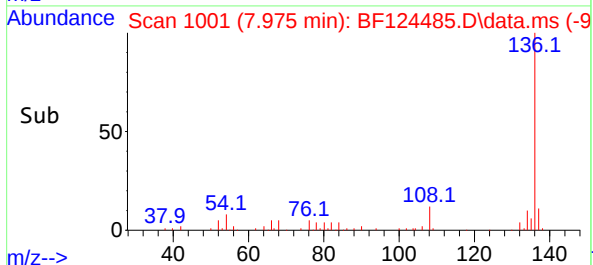
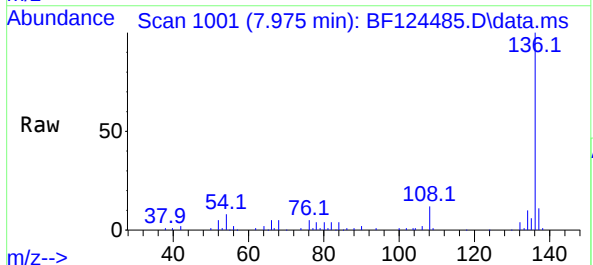
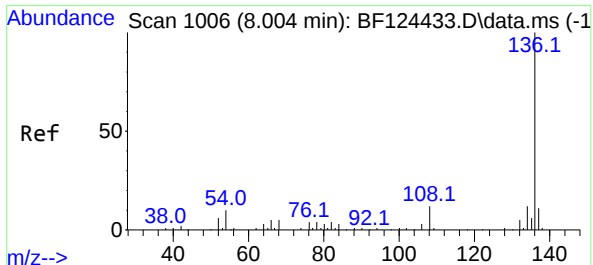
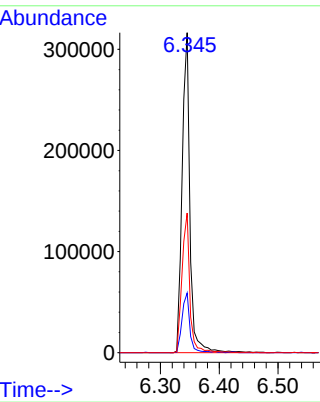
RT: 6.345 min Scan# 724

Delta R.T. -0.018 min

Lab File: BF124485.D

Acq: 29 Jun 2021 00:19

Tgt Ion:	99	Resp:	290058
Ion	Ratio	Lower	Upper
99	100		
42	18.7	19.8	29.8#
71	43.6	31.1	46.7



#21

Naphthalene-d8

Concen: 20.000 ng

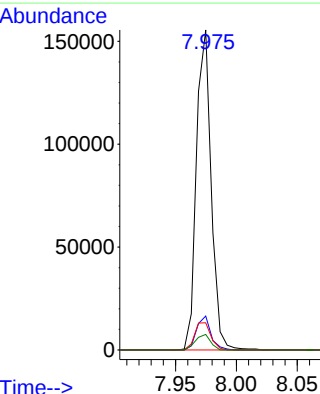
RT: 7.975 min Scan# 1001

Delta R.T. -0.012 min

Lab File: BF124485.D

Acq: 29 Jun 2021 00:19

Tgt Ion:	136	Resp:	130584
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	8.5	9.8	14.6#
68	4.9	4.1	6.1



Instrument :

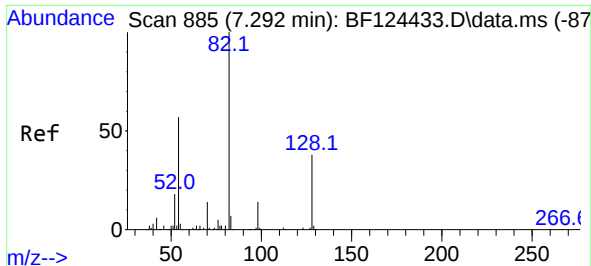
BNA_F

ClientSampleId :

SB-10-COMP

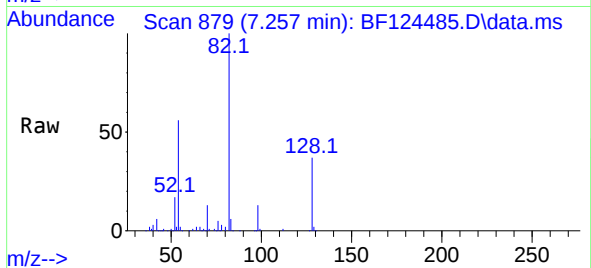
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#23
Nitrobenzene-d5
Concen: 69.061 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.023 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

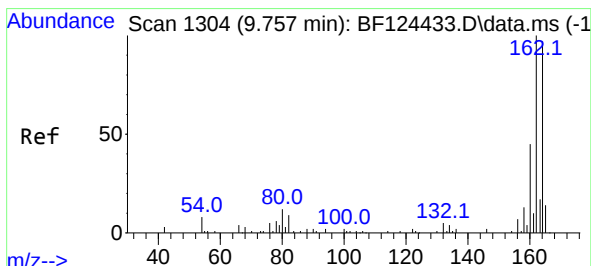
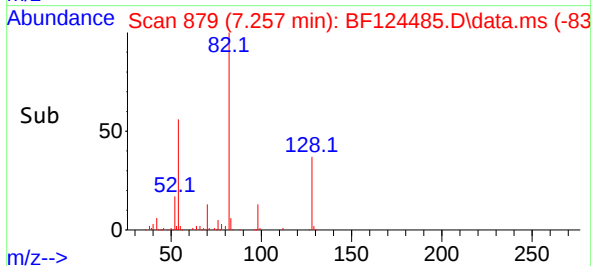
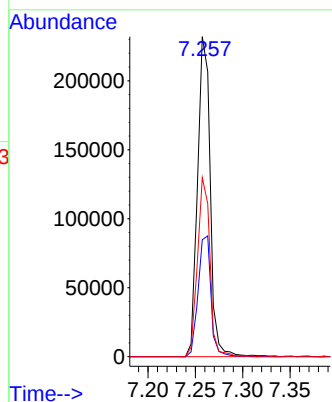
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP



Tgt Ion: 82 Resp: 217502
Ion Ratio Lower Upper
82 100
128 36.5 29.4 44.2
54 55.9 54.1 81.1

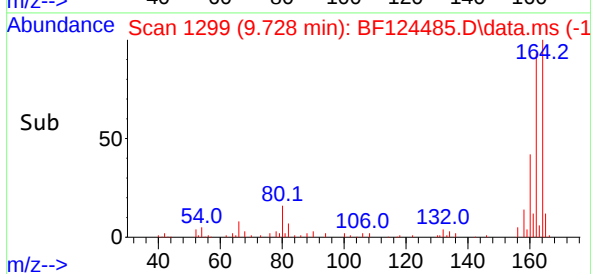
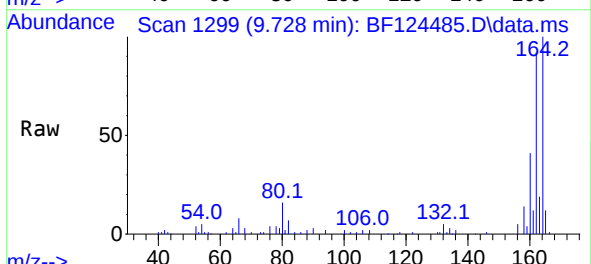
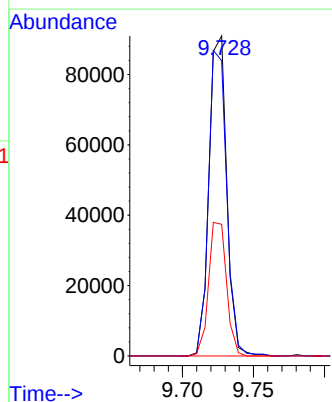
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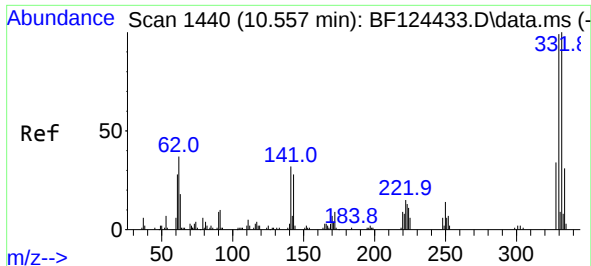
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

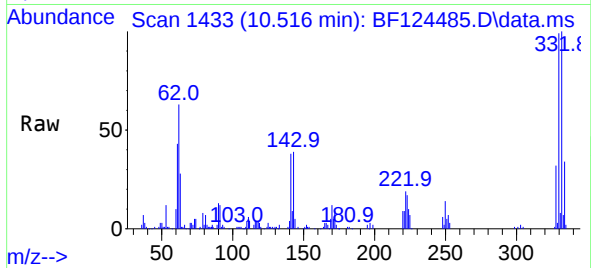
Tgt Ion: 164 Resp: 79156
Ion Ratio Lower Upper
164 100
162 92.3 80.7 121.1
160 41.2 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 95.982 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

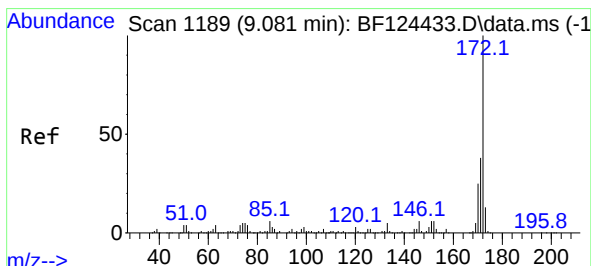
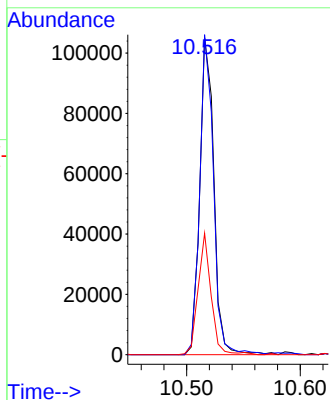
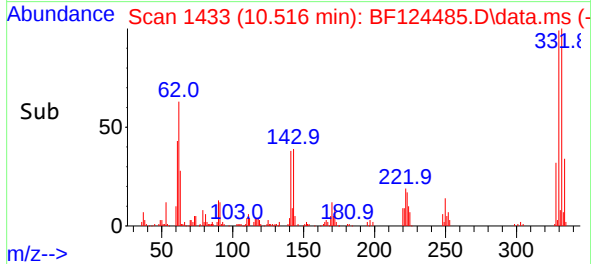
Instrument :
BNA_F
ClientSampled :
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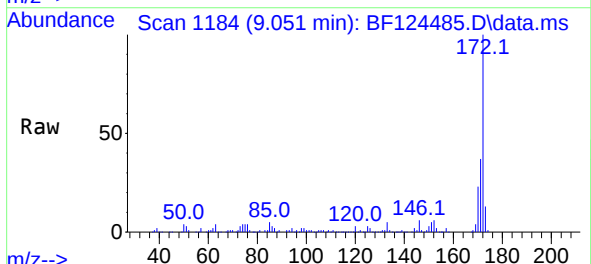
Tgt Ion: 330 Resp: 90771
Ion Ratio Lower Upper
330 100
332 98.3 77.1 115.7
141 35.5 27.9 41.9

Manual Integrations
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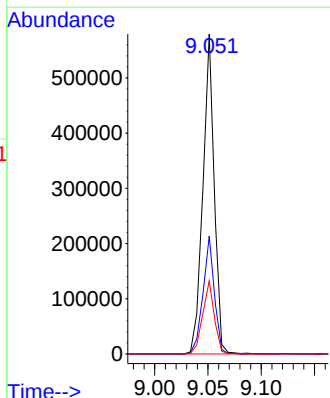
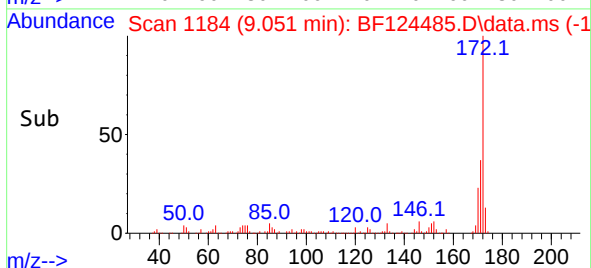
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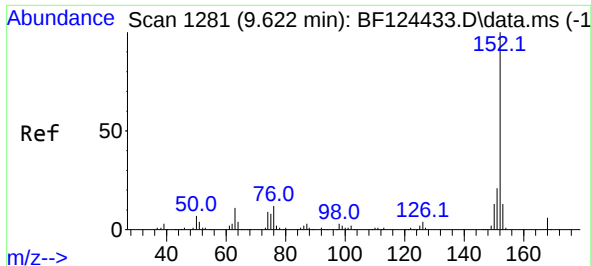


#45
2-Fluorobiphenyl
Concen: 66.861 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

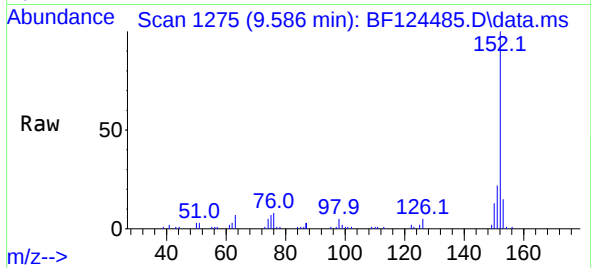


Tgt Ion: 172 Resp: 432041
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 22.9 19.2 28.8





#49
Acenaphthylene
Concen: 6.007 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.018 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

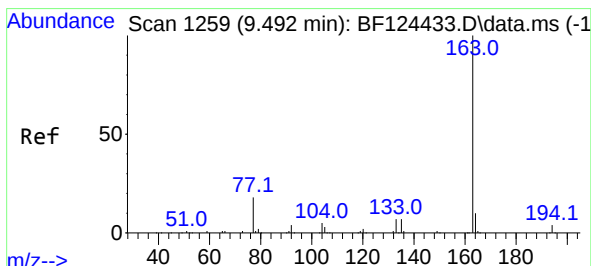
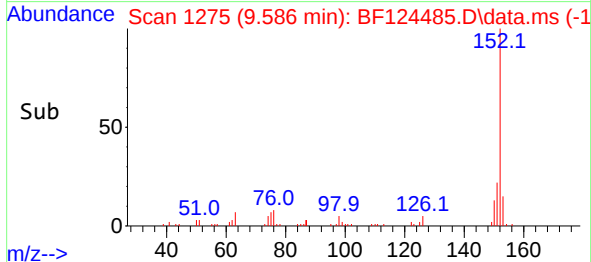
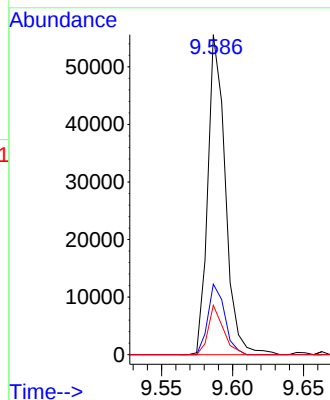


Tgt Ion:152 Resp: 47787
Ion Ratio Lower Upper
152 100
151 22.0 16.0 24.0
153 15.5 10.4 15.6

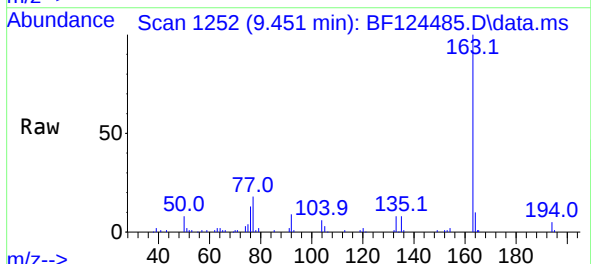
Instrument :
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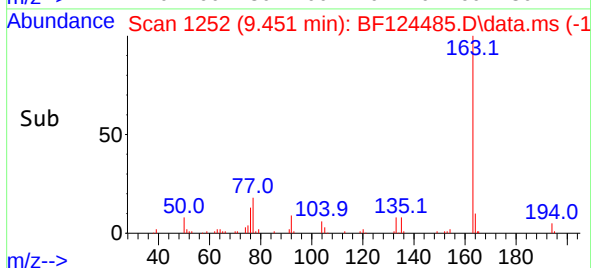
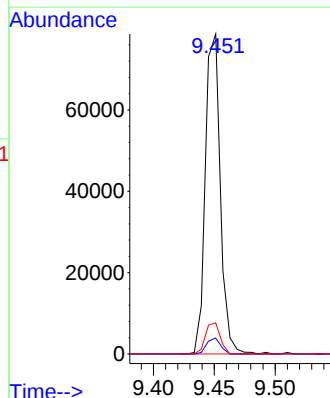
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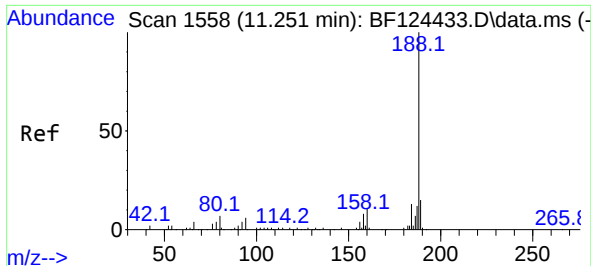


#50
Dimethylphthalate
Concen: 10.781 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.023 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19



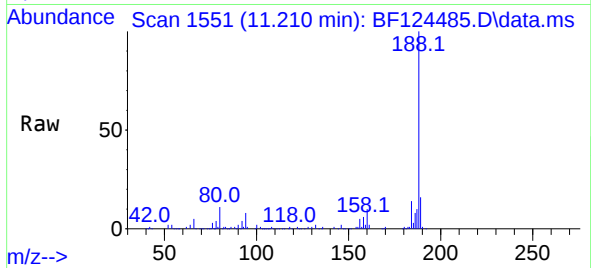
Tgt Ion:163 Resp: 67285
Ion Ratio Lower Upper
163 100
194 5.0 3.1 4.7#
164 9.7 8.2 12.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

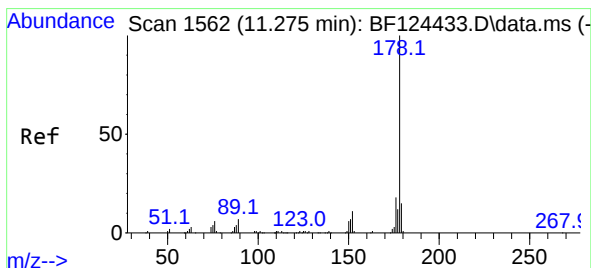
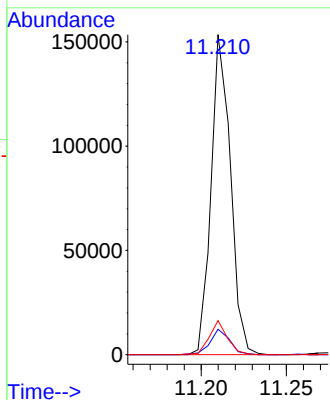
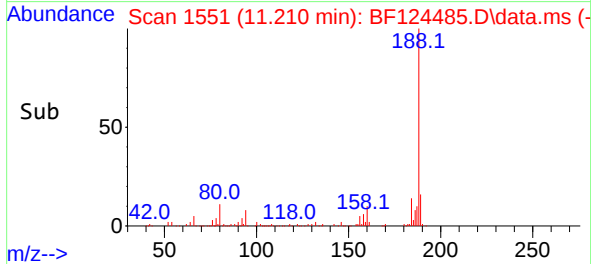
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SB-10-COMP



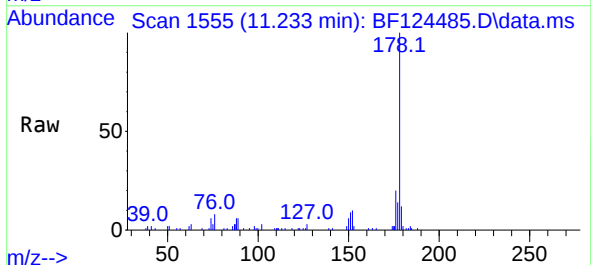
Tgt Ion:188 Resp: 121250
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 10.7 8.2 12.2

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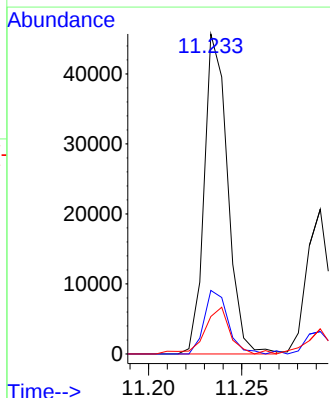
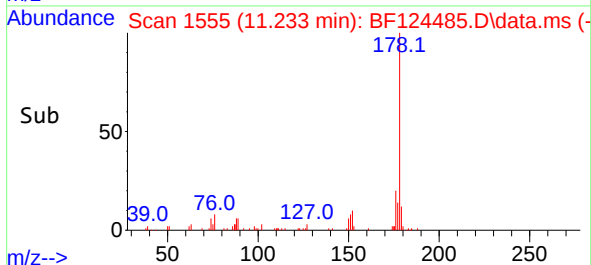
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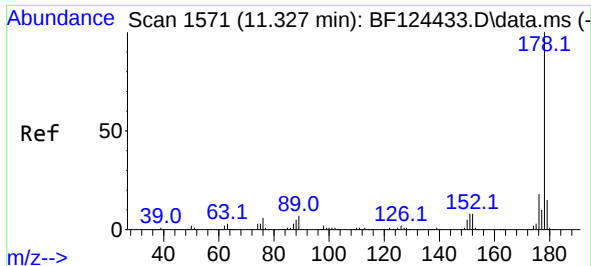


#71
Phenanthrene
Concen: 5.216 ng m
RT: 11.233 min Scan# 1555
Delta R.T. -0.018 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19



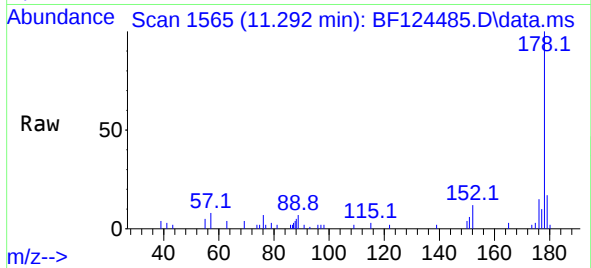
Tgt Ion:178 Resp: 39867
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 11.7 12.5 18.7#





#72
 Anthracene
 Concen: 2.473 ng
 RT: 11.292 min Scan# 1565
 Delta R.T. -0.012 min
 Lab File: BF124485.D
 Acq: 29 Jun 2021 00:19

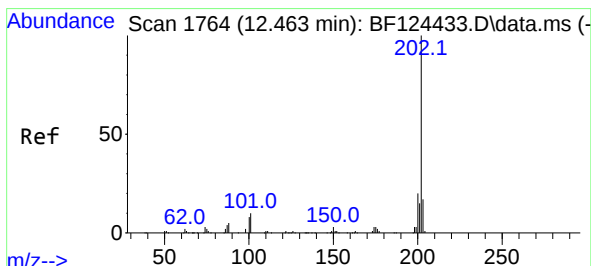
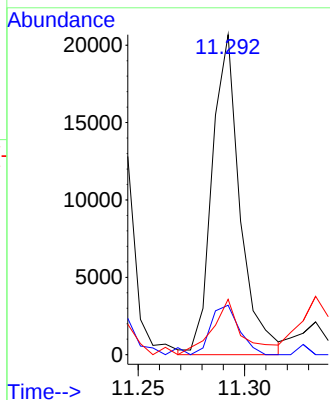
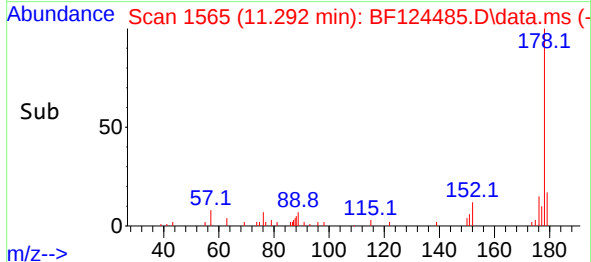
Instrument :
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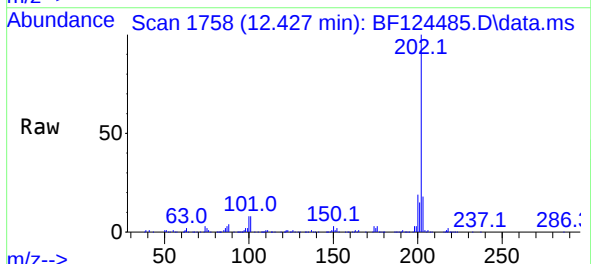
Tgt Ion:178 Resp: 18834
 Ion Ratio Lower Upper
 178 100
 176 15.5 15.4 23.0
 179 17.3 12.6 18.8

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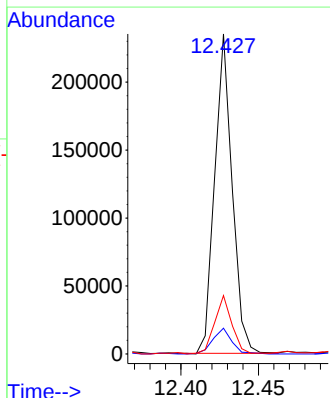
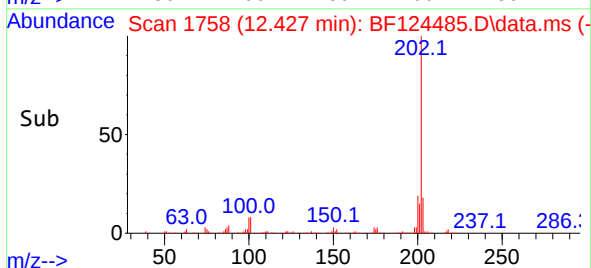
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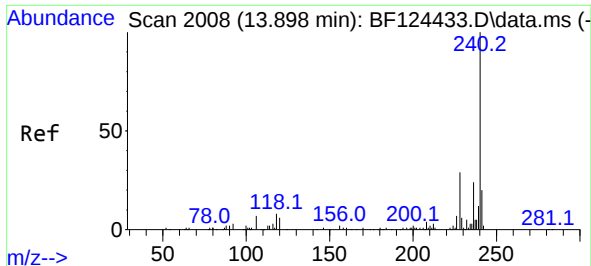


#75
 Fluoranthene
 Concen: 23.963 ng
 RT: 12.427 min Scan# 1758
 Delta R.T. -0.012 min
 Lab File: BF124485.D
 Acq: 29 Jun 2021 00:19



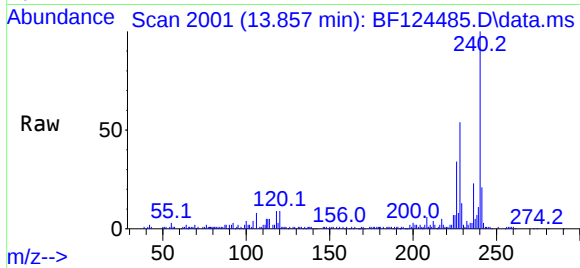
Tgt Ion:202 Resp: 184319
 Ion Ratio Lower Upper
 202 100
 101 8.1 0.0 30.9
 203 18.3 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

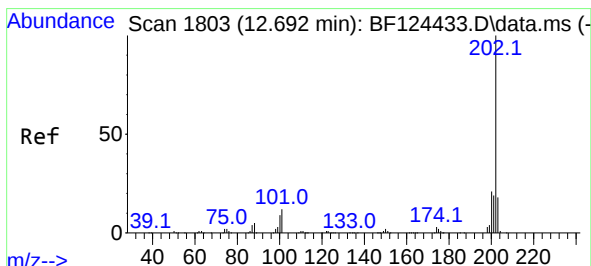
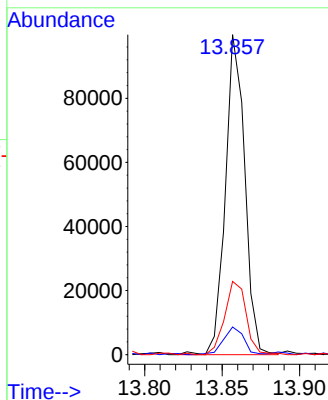
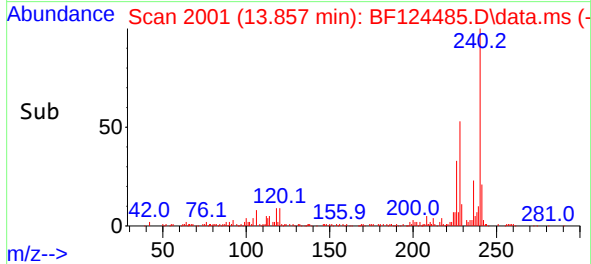
Instrument :
BNA_F
ClientSampleId :
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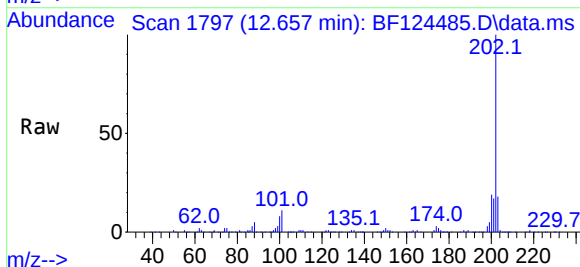
Tgt Ion:240 Resp: 86811
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 22.9 19.0 28.4

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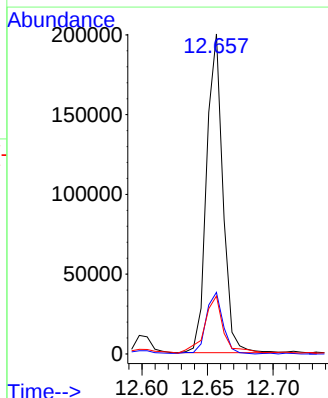
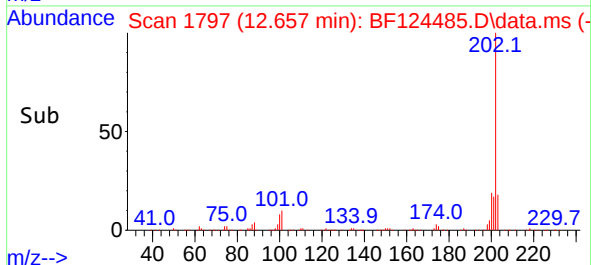
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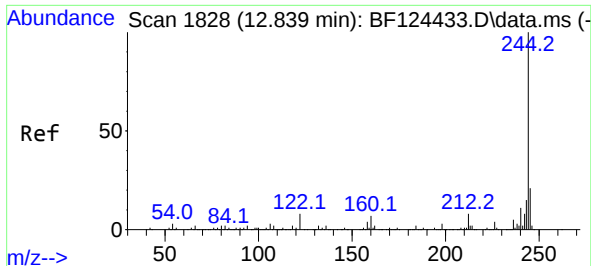


#78
Pyrene
Concen: 21.678 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19



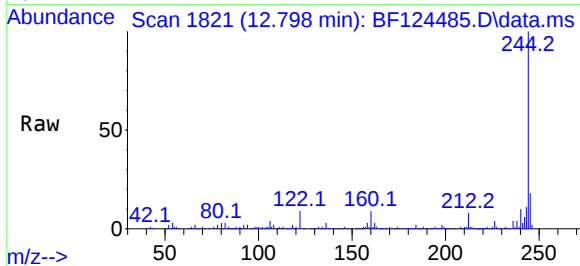
Tgt Ion:202 Resp: 171780
Ion Ratio Lower Upper
202 100
200 19.2 16.1 24.1
203 18.1 14.8 22.2





#79
Terphenyl-d14
Concen: 59.374 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

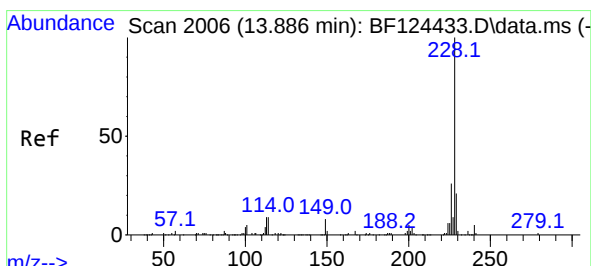
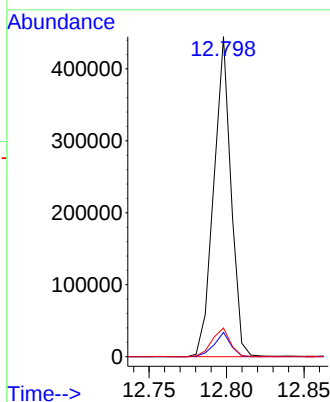
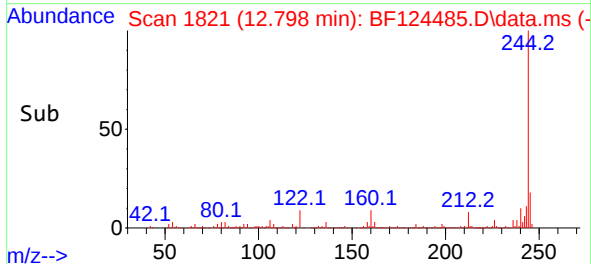
Instrument :
BNA_F
ClientSampleId :
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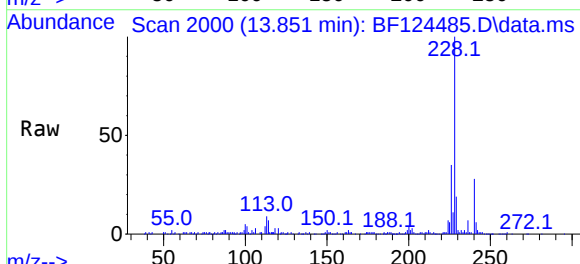
Tgt Ion:244 Resp: 344126
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 8.9 9.7 14.5#

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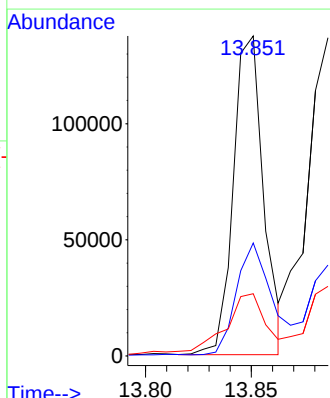
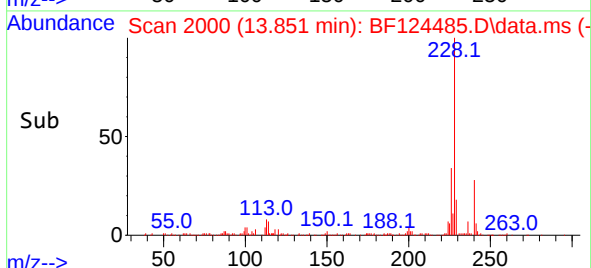
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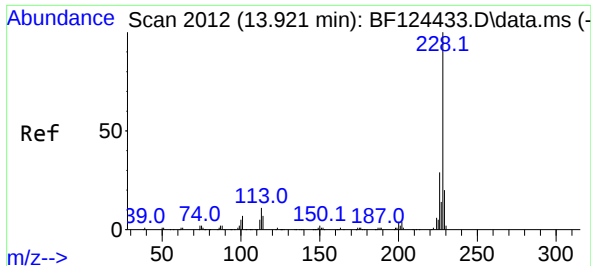


#81
Benzo(a)anthracene
Concen: 21.795 ng m
RT: 13.851 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19



Tgt Ion:228 Resp: 136410
Ion Ratio Lower Upper
228 100
226 35.3 22.4 33.6#
229 19.5 16.0 24.0





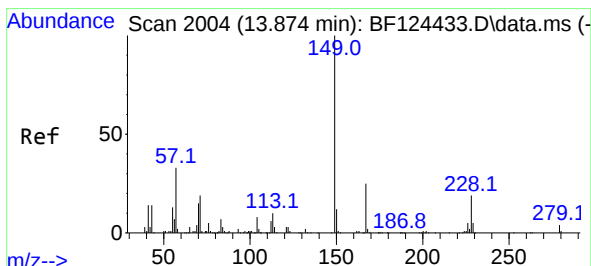
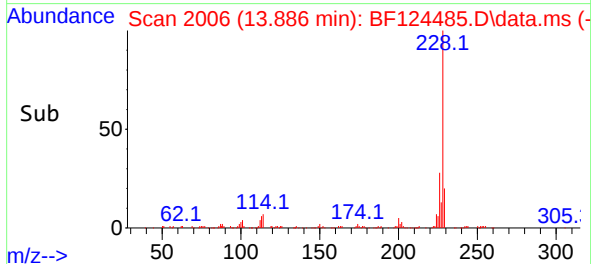
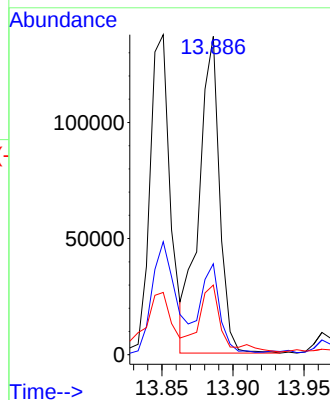
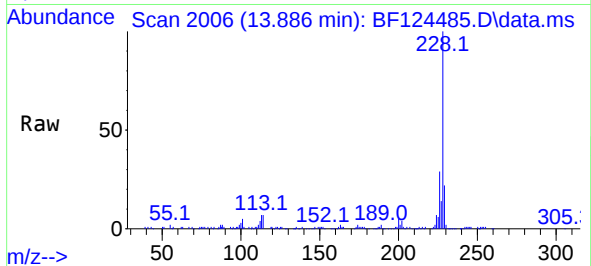
#83
Chrysene
Concen: 22.255 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:228 Resp: 138034
Ion Ratio Lower Upper
228 100
226 28.6 24.3 36.5
229 21.9 16.2 24.2

Instrument :
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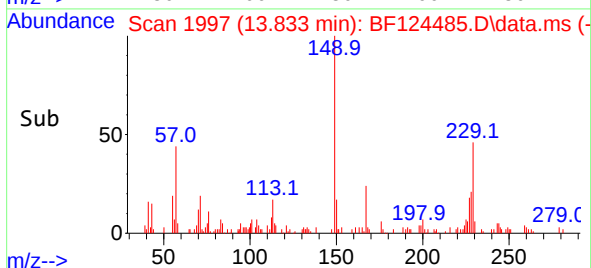
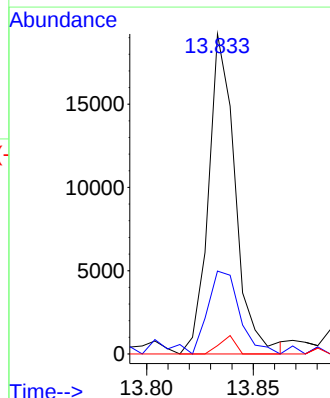
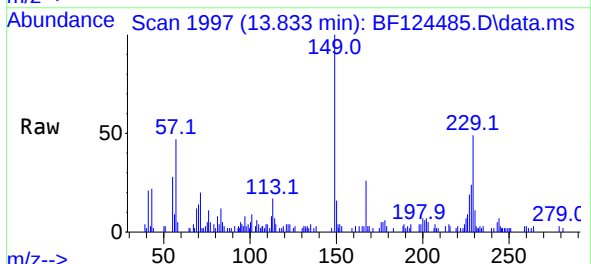
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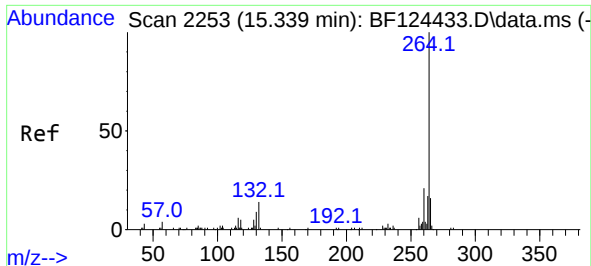
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.975 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:149 Resp: 16760
Ion Ratio Lower Upper
149 100
167 25.9 21.8 32.6
279 2.6 3.3 4.9#





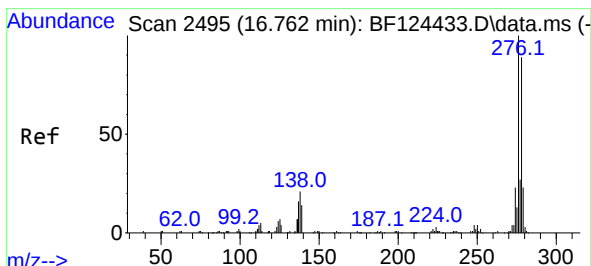
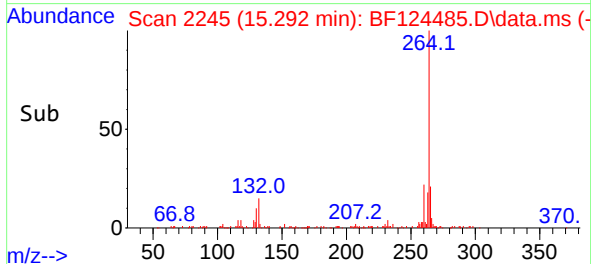
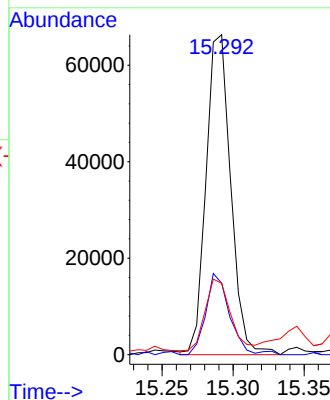
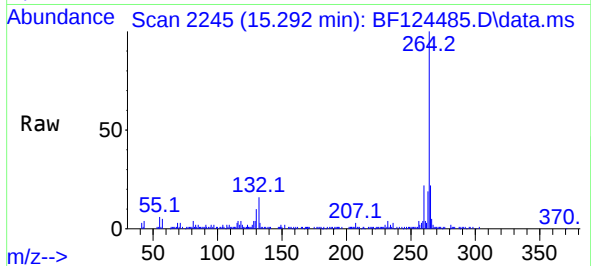
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:264	Resp:	80459
Ion Ratio	Lower	Upper
264	100	
260	22.4	18.7 28.1
265	22.3	17.8 26.8

Instrument :
BNA_F
ClientSampleId :
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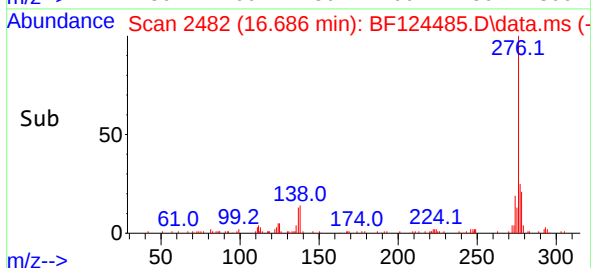
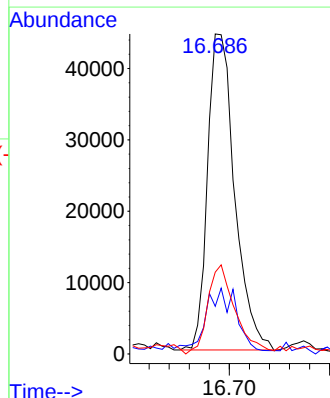
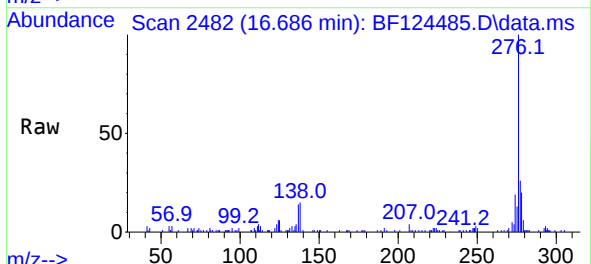
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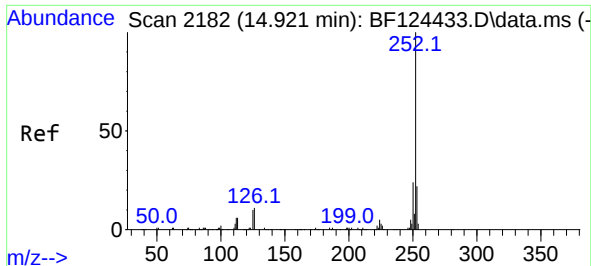
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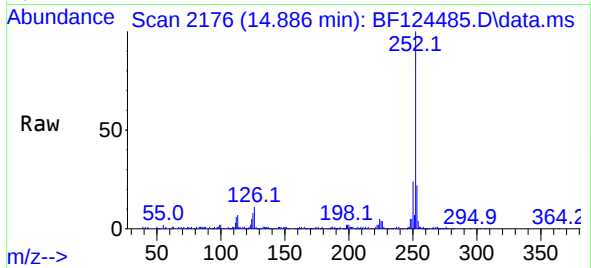
#87
Indeno(1,2,3-cd)pyrene
Concen: 13.133 ng
RT: 16.686 min Scan# 2482
Delta R.T. -0.006 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:276	Resp:	83327
Ion Ratio	Lower	Upper
276	100	
138	22.3	16.2 24.2
277	28.7	20.1 30.1

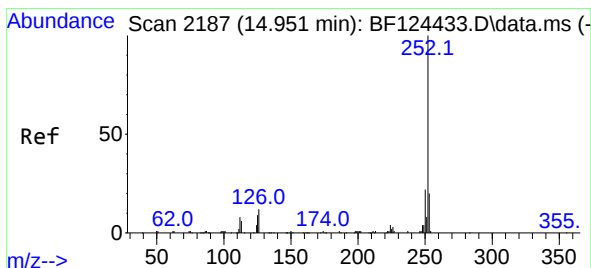
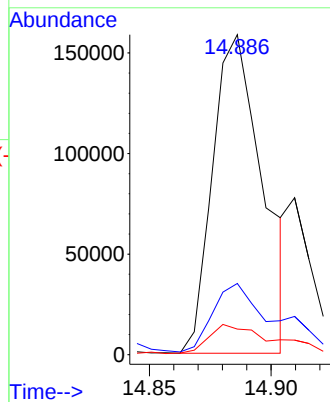
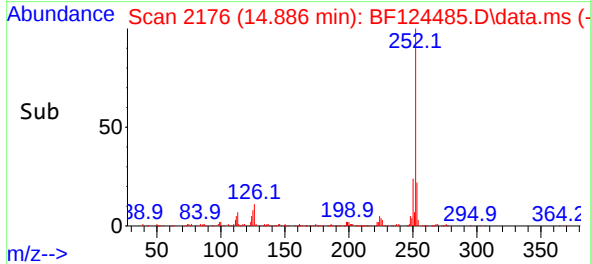




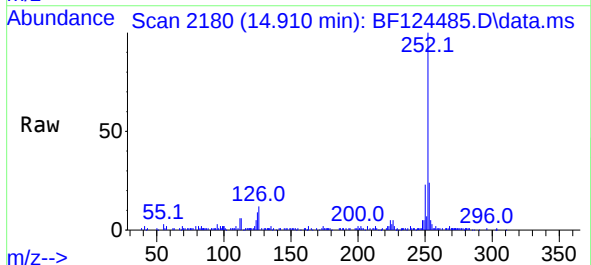
#88
Benzo(b)fluoranthene
Concen: 37.184 ng m
RT: 14.886 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19



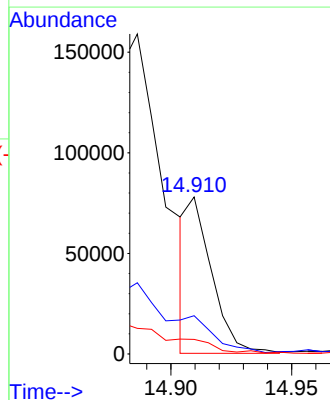
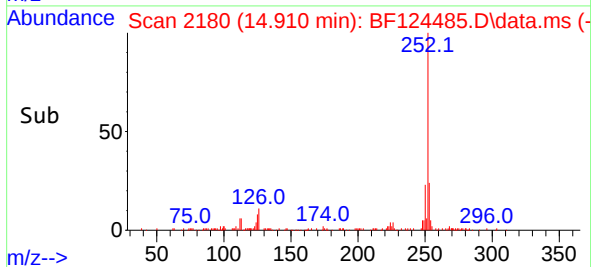
Tgt Ion:252 Resp: 226714
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 8.0 6.2 9.4



#89
Benzo(k)fluoranthene
Concen: 9.704 ng m
RT: 14.910 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19



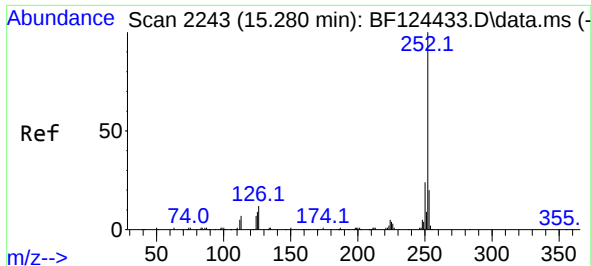
Tgt Ion:252 Resp: 54131
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 9.3 7.0 10.6



Instrument :
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ClientSampleId :
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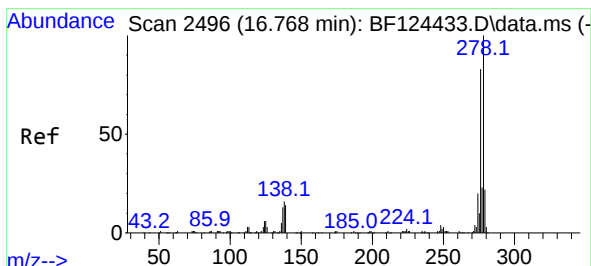
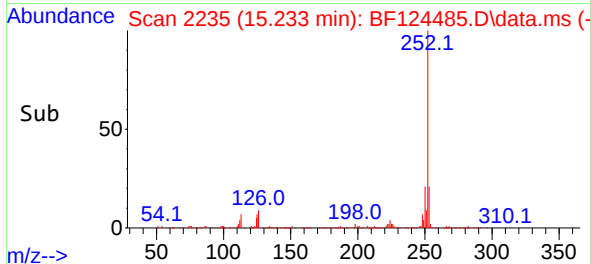
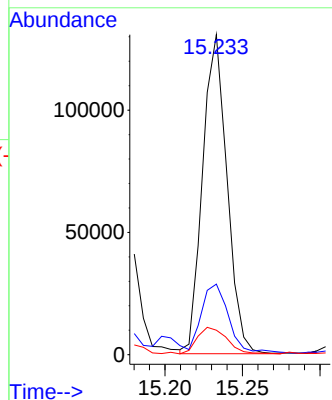
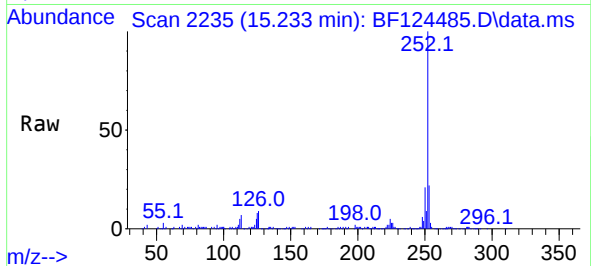
#90
Benzo(a)pyrene
Concen: 26.365 ng
RT: 15.233 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:252 Resp: 142845
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 7.7 8.0 12.0#

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

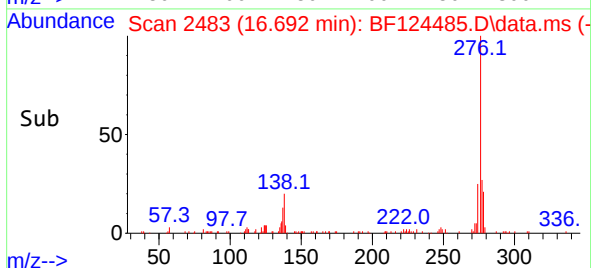
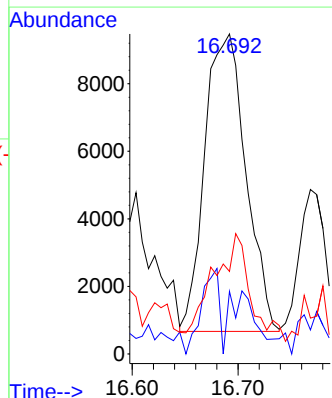
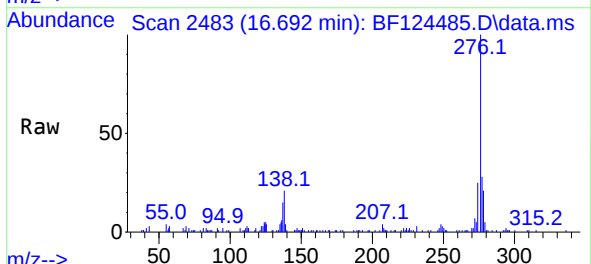
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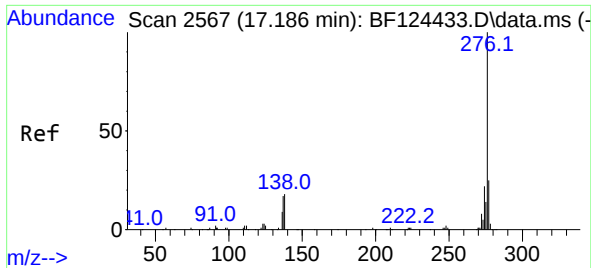
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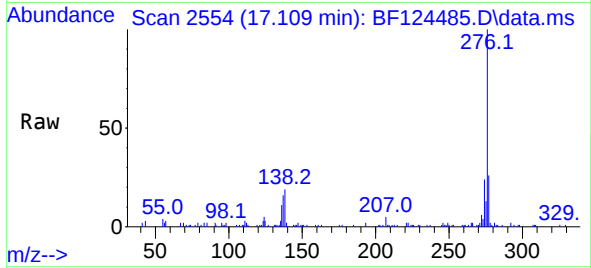
#91
Dibenzo(a,h)anthracene
Concen: 4.344 ng m
RT: 16.692 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF124485.D
Acq: 29 Jun 2021 00:19

Tgt Ion:278 Resp: 23743
Ion Ratio Lower Upper
278 100
139 19.5 10.2 15.2#
279 25.8 19.4 29.0

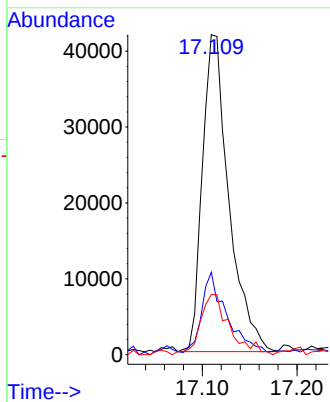
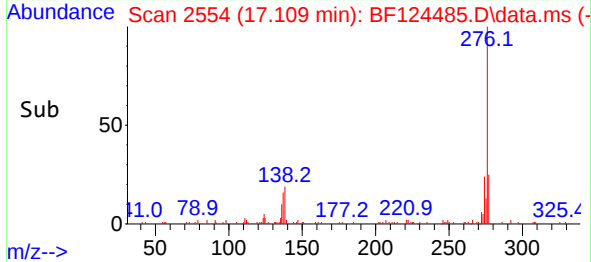




#92
 Benzo(g,h,i)perylene
 Concen: 15.085 ng
 RT: 17.109 min Scan# 2554
 Delta R.T. 0.000 min
 Lab File: BF124485.D
 Acq: 29 Jun 2021 00:19



Tgt Ion:	276	Resp:	81129
Ion Ratio	Lower	Upper	
276	100		
277	25.8	18.2	27.2
138	18.8	13.8	20.6



Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

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