

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
 Data File : BF124486.D
 Acq On : 29 Jun 2021 00:52
 Operator : JU/CG
 Sample : M2857-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Manual Integrations
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Quant Time: Jun 29 05:13:47 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	6.686	152	39122	20.000	ng	-0.02
21) Naphthalene-d8	7.975	136	140656	20.000	ng	#-0.01
39) Acenaphthene-d10	9.722	164	81354	20.000	ng	-0.02
64) Phenanthrene-d10	11.210	188	127611	20.000	ng	#-0.02
76) Chrysene-d12	13.857	240	84980	20.000	ng	-0.01
86) Perylene-d12	15.286	264	86080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	141902	57.044	ng	-0.02
7) Phenol-d6	6.345	99	249477	76.809	ng	-0.02
23) Nitrobenzene-d5	7.257	82	184116	54.274	ng	-0.02
42) 2,4,6-Tribromophenol	10.516	330	22529	23.179	ng	-0.02
45) 2-Fluorobiphenyl	9.051	172	377423	56.830	ng	-0.02
79) Terphenyl-d14	12.798	244	291939	51.455	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.233	178	132746	16.502	ng	98
72) Anthracene	11.286	178	23969	2.990	ng	97
75) Fluoranthene	12.427	202	194635	24.043	ng	97
78) Pyrene	12.657	202	194681	25.097	ng	98
81) Benzo(a)anthracene	13.845	228	94878	15.486	ng	95
83) Chrysene	13.880	228	85464	14.076	ng	98
87) Indeno(1,2,3-cd)pyrene	16.686	276	39341	5.795	ng	# 92
88) Benzo(b)fluoranthene	14.880	252	108845m	16.686	ng	
89) Benzo(k)fluoranthene	14.904	252	33363m	5.591	ng	
90) Benzo(a)pyrene	15.227	252	75156	12.966	ng	97
91) Dibenzo(a,h)anthracene	16.692	278	11956m	2.045	ng	
92) Benzo(g,h,i)perylene	17.109	276	37478	6.514	ng	# 88

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

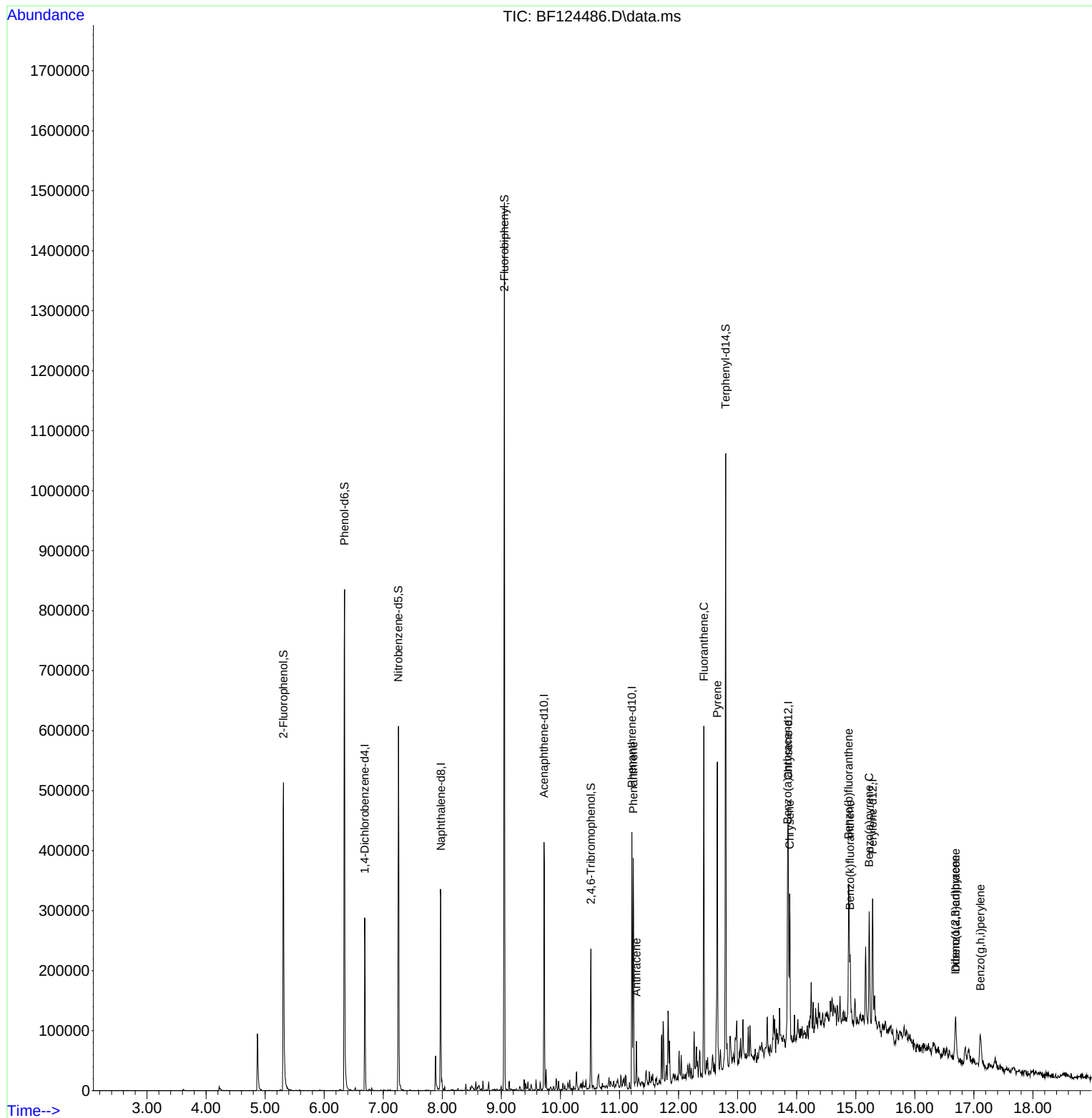
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
Data File : BF124486.D
Acq On : 29 Jun 2021 00:52
Operator : JU/CG
Sample : M2857-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

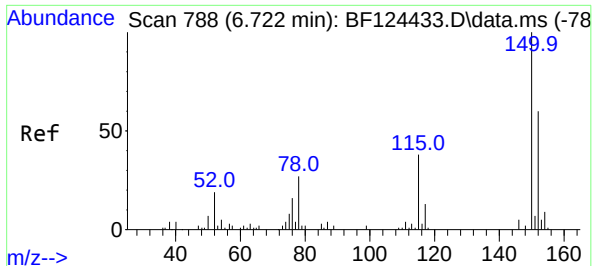
Instrument :
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ClientSampleId :
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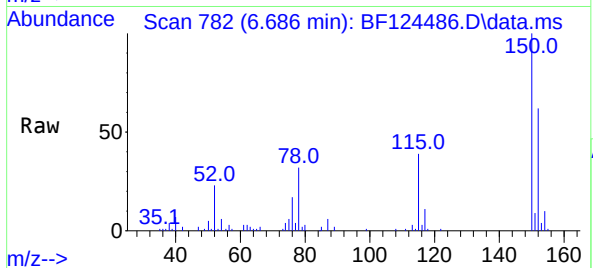
Quant Time: Jun 29 05:13:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 16:01:42 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.018 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52

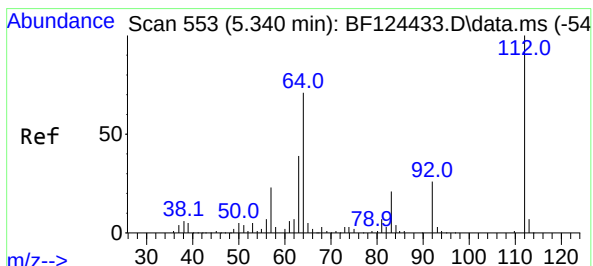
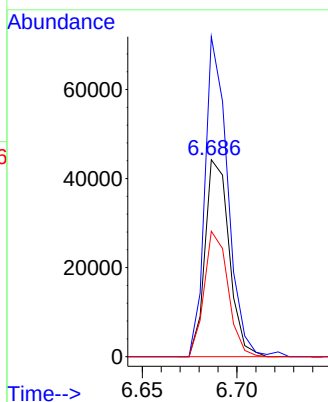
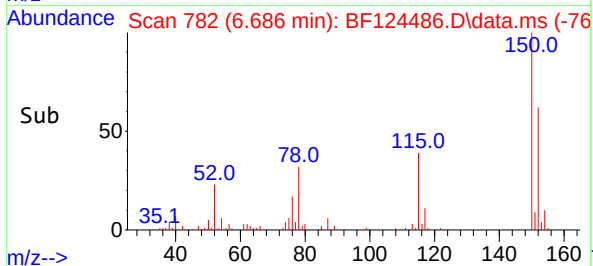
Instrument :
BNA_F
ClientSampled :
SB-15-COMP



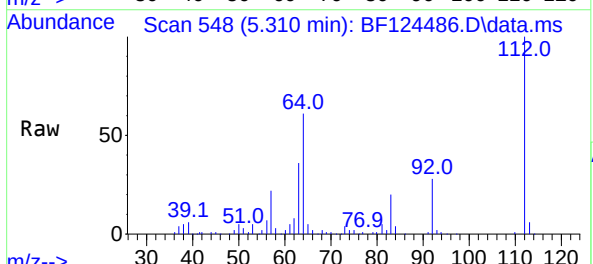
Tgt Ion:152 Resp: 39122
Ion Ratio Lower Upper
152 100
150 162.5 127.0 190.6
115 63.7 54.3 81.5

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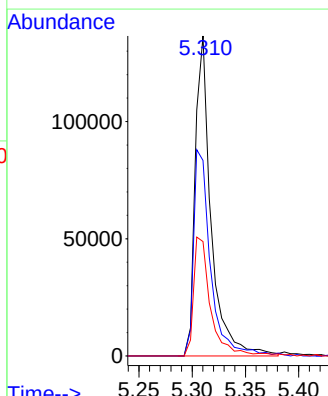
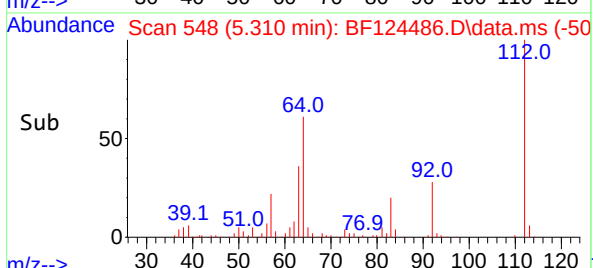
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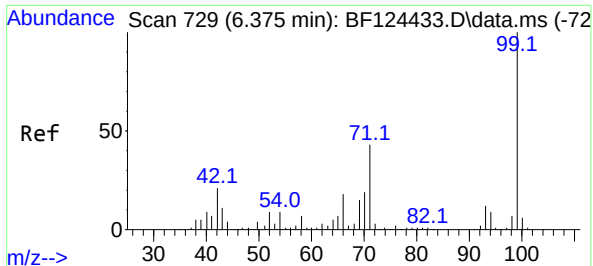


#5
2-Fluorophenol
Concen: 57.044 ng
RT: 5.310 min Scan# 548
Delta R.T. -0.018 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52



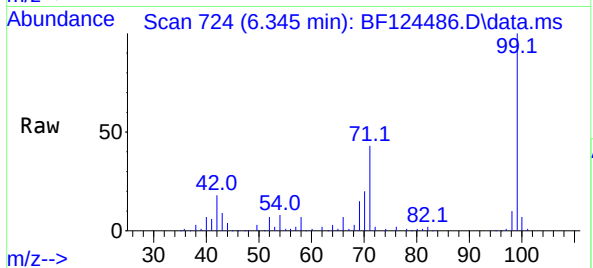
Tgt Ion:112 Resp: 141902
Ion Ratio Lower Upper
112 100
64 61.1 61.4 92.0#
63 35.7 33.0 49.4





#7
Phenol-d6
Concen: 76.809 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.018 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52

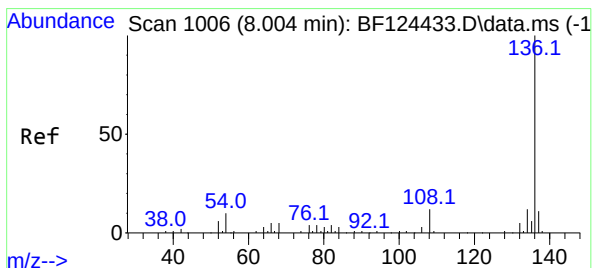
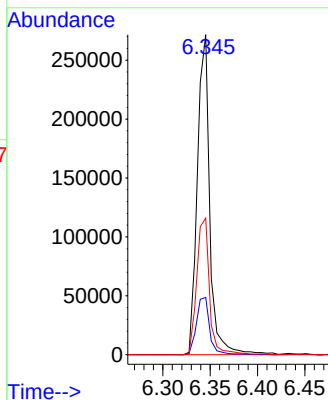
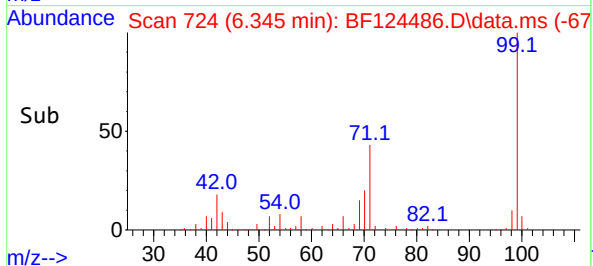
Instrument :
BNA_F
ClientSampled :
SB-15-COMP



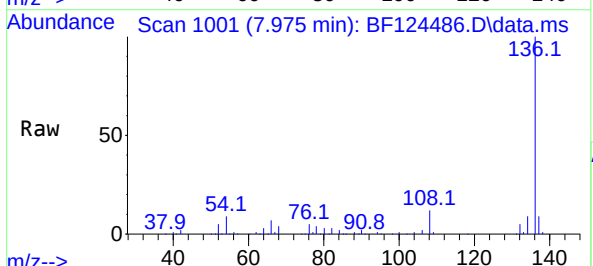
Tgt Ion: 99 Resp: 249477
Ion Ratio Lower Upper
99 100
42 17.9 19.8 29.8#
71 42.7 31.1 46.7

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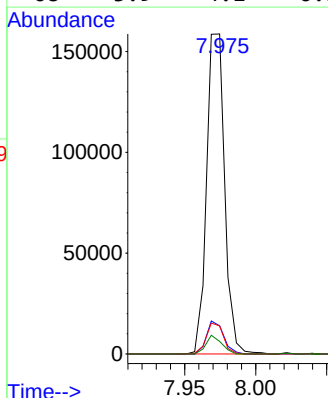
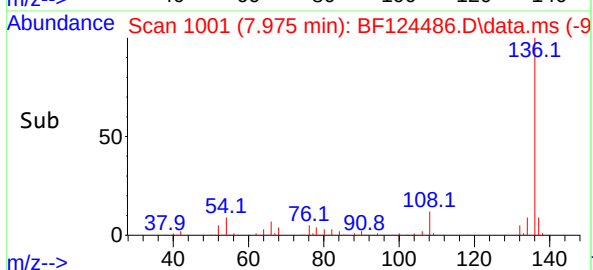
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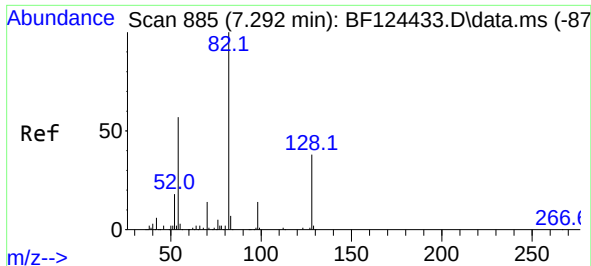


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52



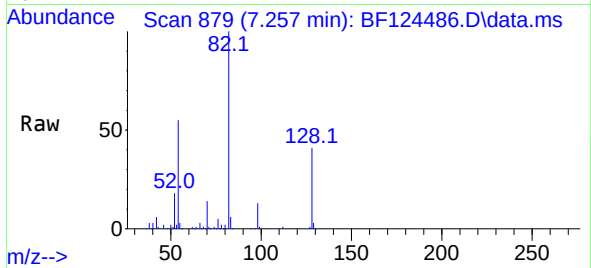
Tgt Ion: 136 Resp: 140656
Ion Ratio Lower Upper
136 100
137 8.8 8.7 13.1
54 8.7 9.8 14.6#
68 3.9 4.1 6.1#





#23
Nitrobenzene-d5
Concen: 54.274 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.024 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52

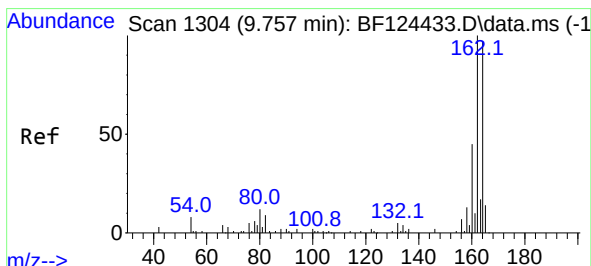
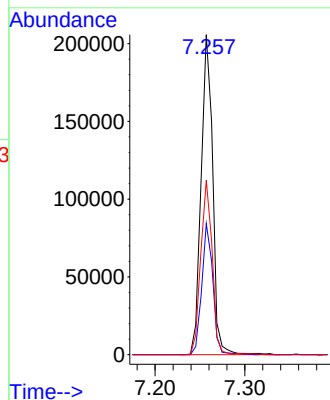
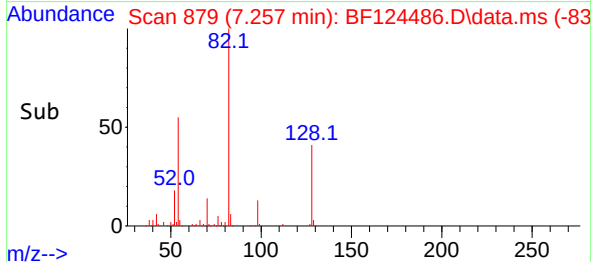
Instrument :
BNA_F
ClientSampleId :
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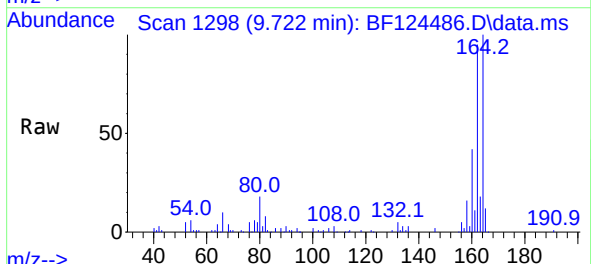
Tgt Ion: 82 Resp: 184116
Ion Ratio Lower Upper
82 100
128 40.9 29.4 44.2
54 54.5 54.1 81.1

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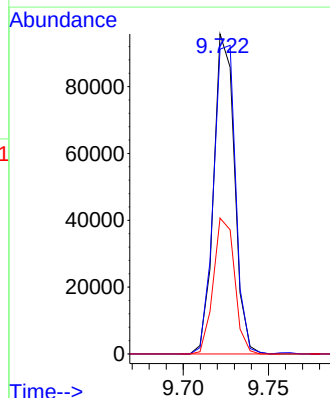
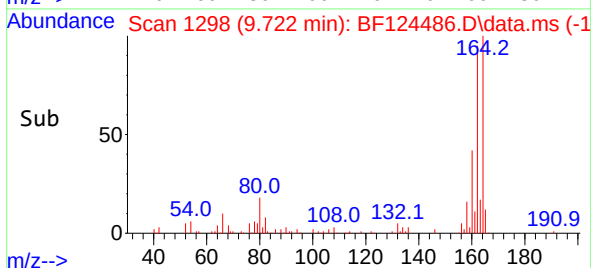
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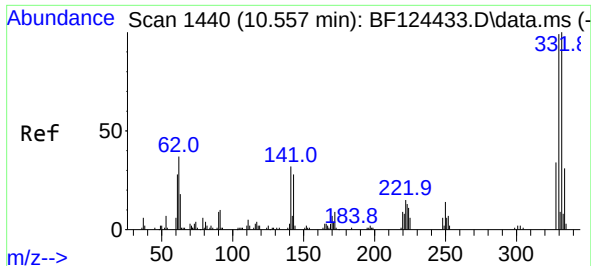


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.018 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52



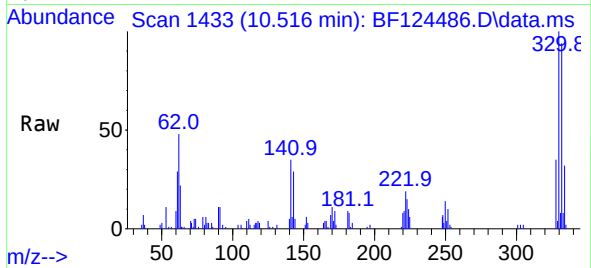
Tgt Ion: 164 Resp: 81354
Ion Ratio Lower Upper
164 100
162 95.3 80.7 121.1
160 42.5 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 23.179 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52

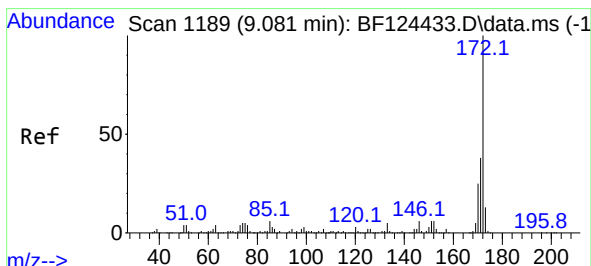
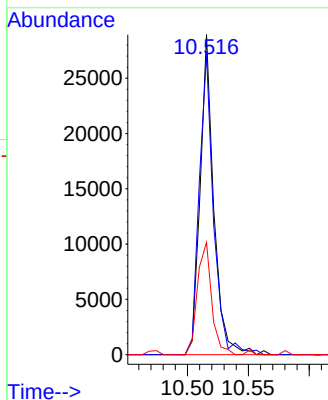
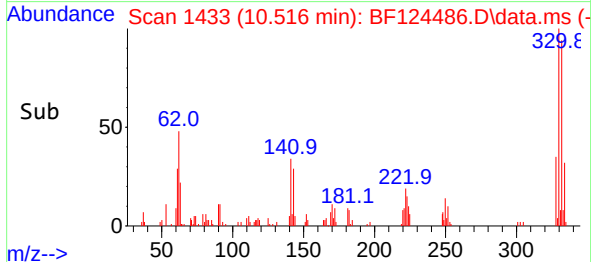
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ClientSampled :
SB-15-COMP



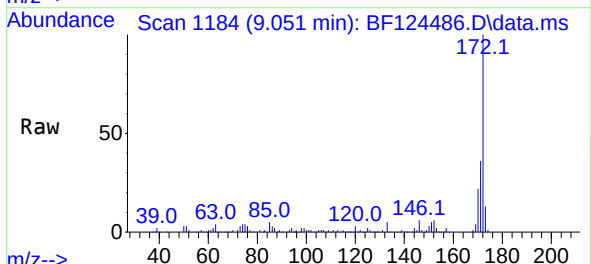
Tgt Ion: 330 Resp: 22529
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 36.7 27.9 41.9

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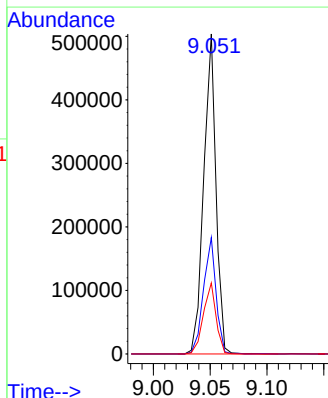
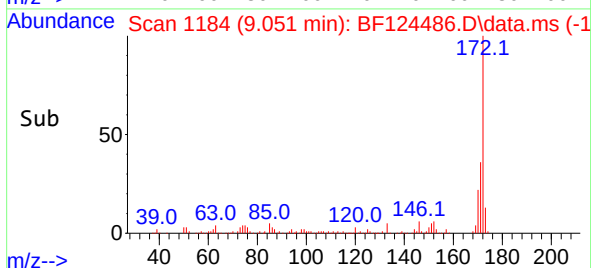
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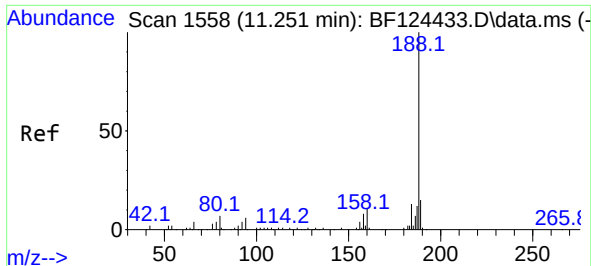


#45
2-Fluorobiphenyl
Concen: 56.830 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52



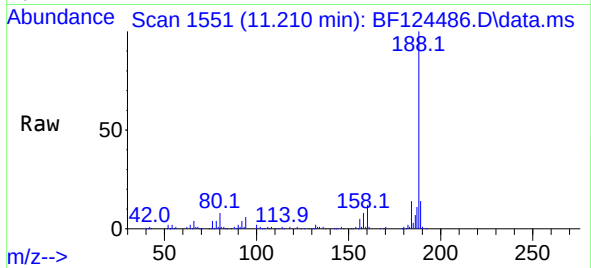
Tgt Ion: 172 Resp: 377423
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 22.2 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52

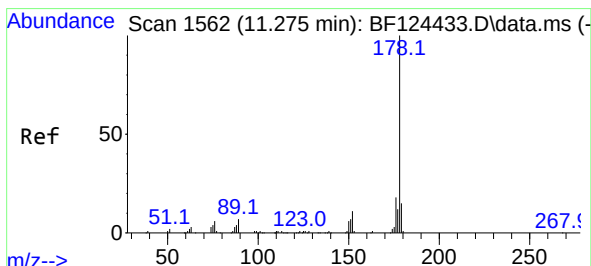
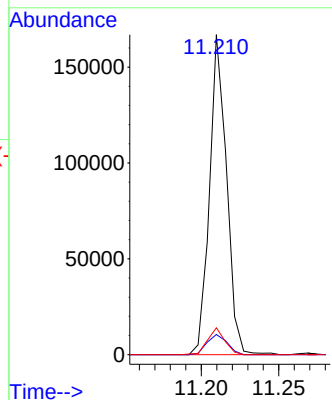
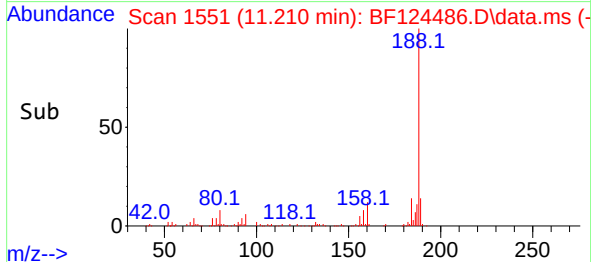
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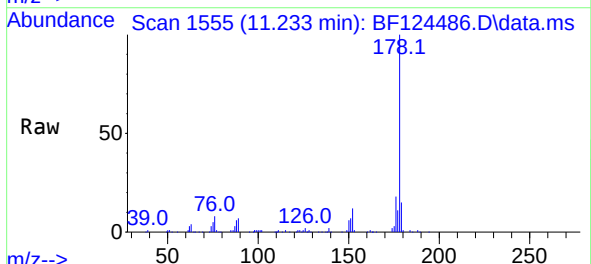
Tgt Ion:188 Resp: 127611
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 8.4 8.2 12.2

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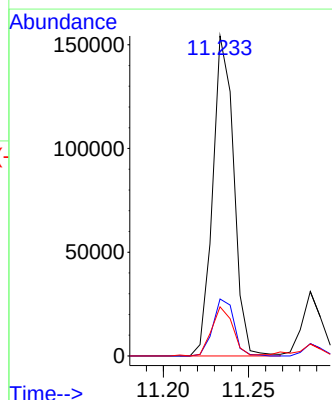
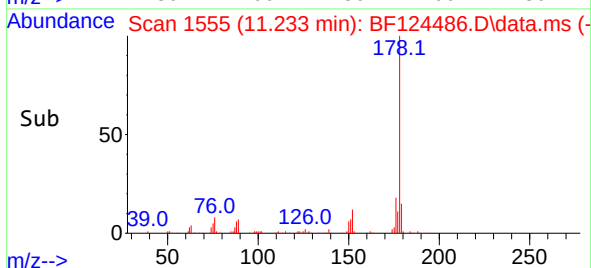
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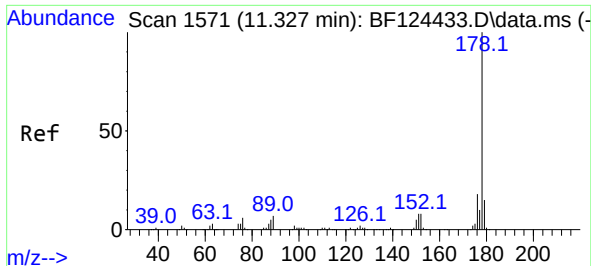


#71
Phenanthrene
Concen: 16.502 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.018 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52



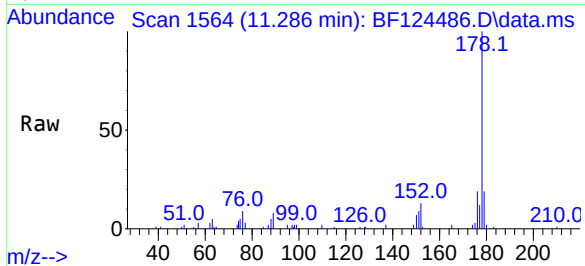
Tgt Ion:178 Resp: 132746
Ion Ratio Lower Upper
178 100
176 17.8 15.6 23.4
179 15.4 12.5 18.7





#72
 Anthracene
 Concen: 2.990 ng
 RT: 11.286 min Scan# 1564
 Delta R.T. -0.018 min
 Lab File: BF124486.D
 Acq: 29 Jun 2021 00:52

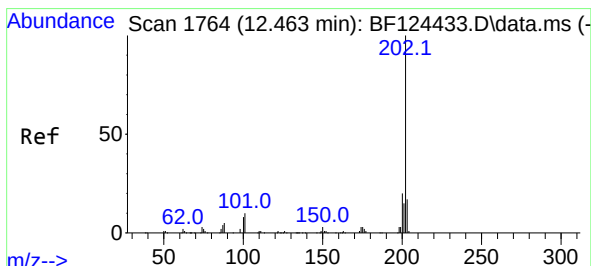
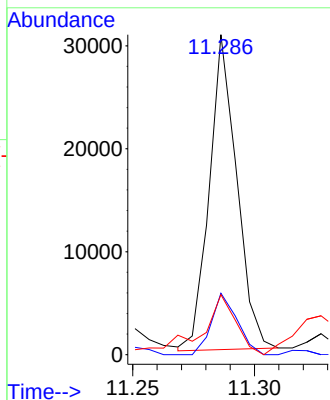
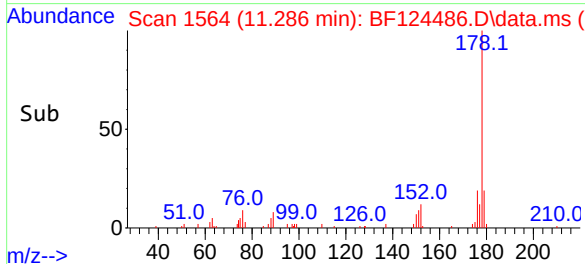
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 SB-15-COMP



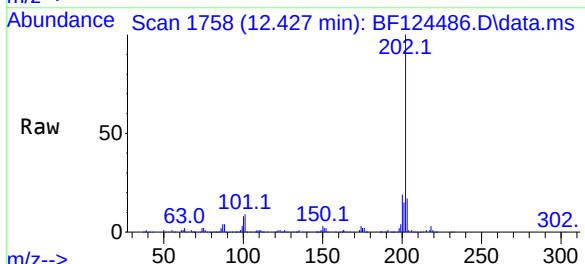
Tgt Ion:178 Resp: 23969
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 18.7 12.6 18.8

Manual Integrations
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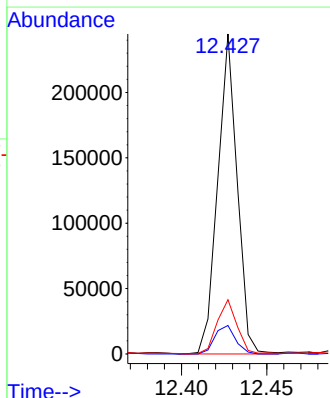
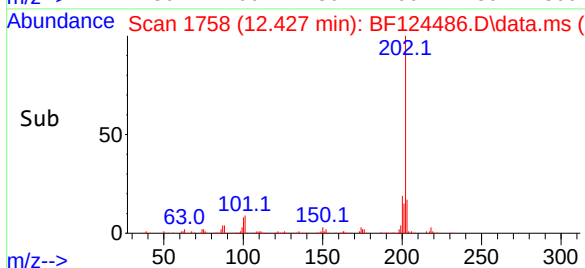
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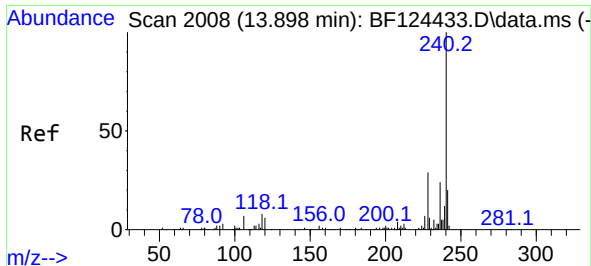


#75
 Fluoranthene
 Concen: 24.043 ng
 RT: 12.427 min Scan# 1758
 Delta R.T. -0.012 min
 Lab File: BF124486.D
 Acq: 29 Jun 2021 00:52



Tgt Ion:202 Resp: 194635
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 30.9
 203 16.9 0.0 37.5





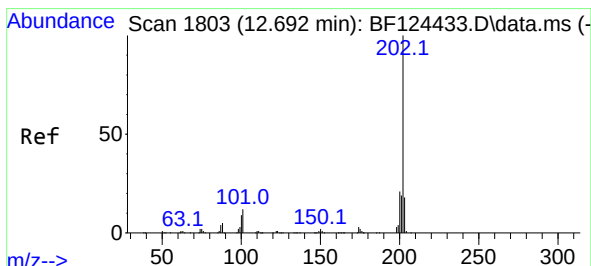
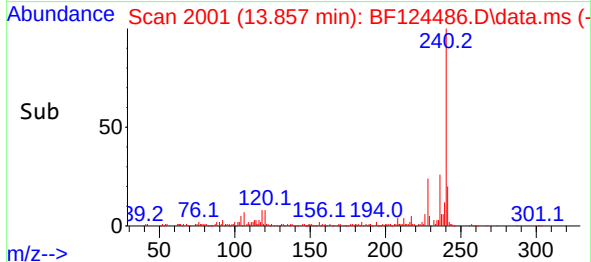
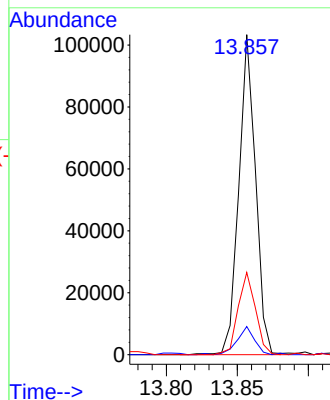
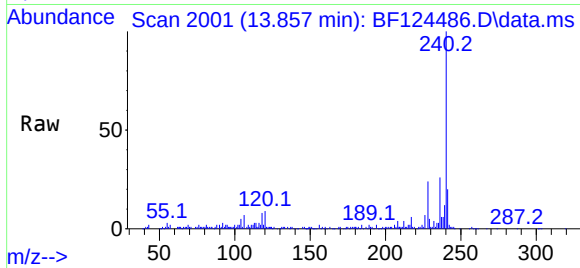
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52

Tgt Ion:240 Resp: 84980
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 25.7 19.0 28.4

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

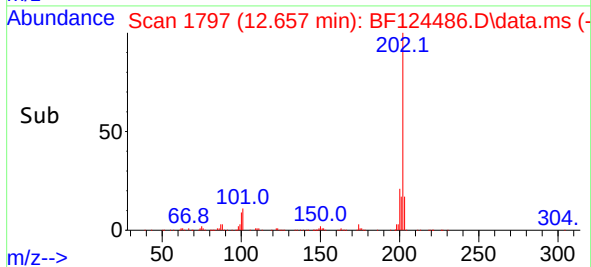
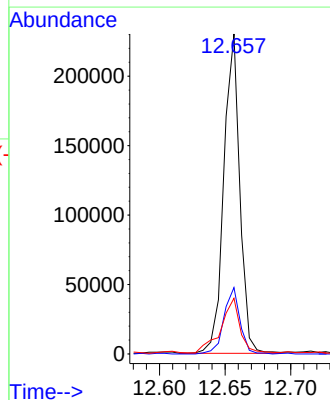
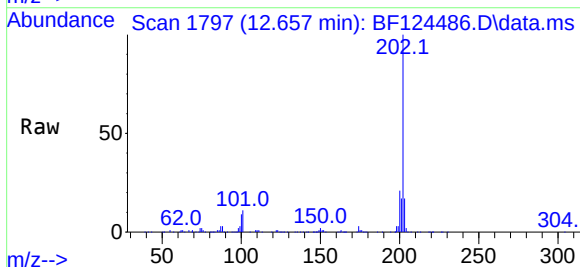
Manual Integrations
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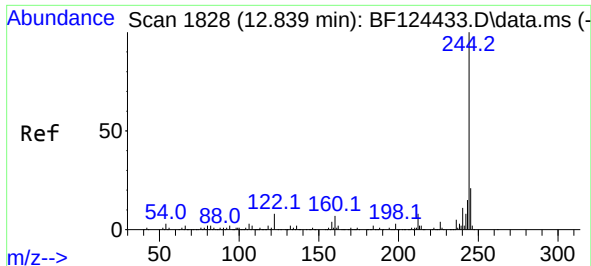
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#78
Pyrene
Concen: 25.097 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52

Tgt Ion:202 Resp: 194681
Ion Ratio Lower Upper
202 100
200 20.8 16.1 24.1
203 17.4 14.8 22.2





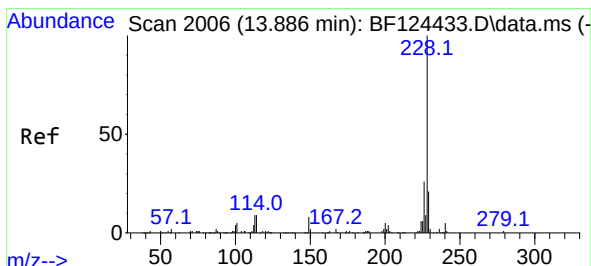
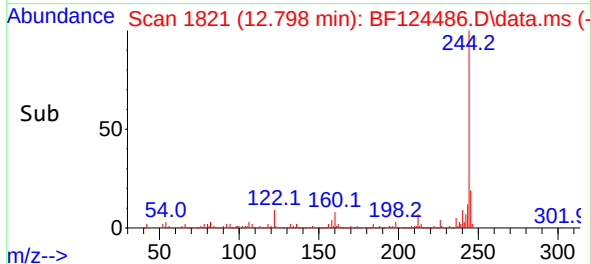
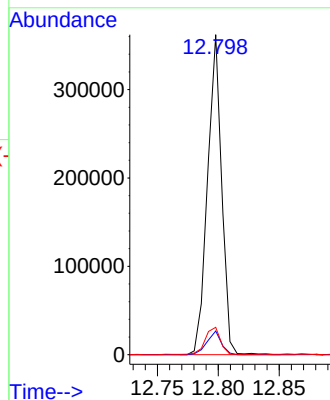
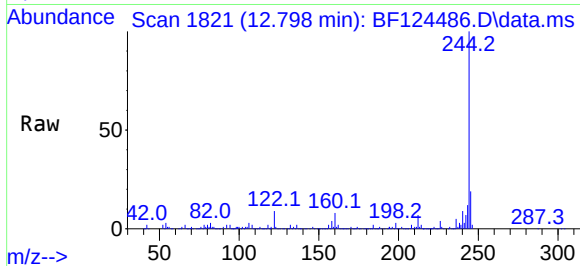
#79
 Terphenyl-d14
 Concen: 51.455 ng
 RT: 12.798 min Scan# 1821
 Delta R.T. -0.012 min
 Lab File: BF124486.D
 Acq: 29 Jun 2021 00:52

Tgt Ion:244 Resp: 291939
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 8.5 9.7 14.5#

Instrument :
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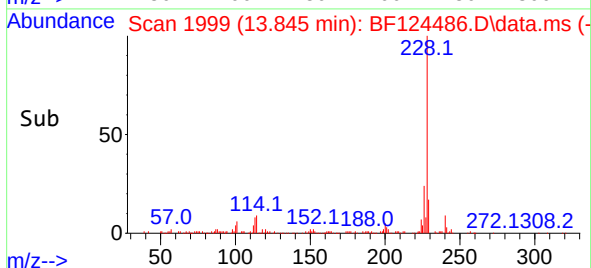
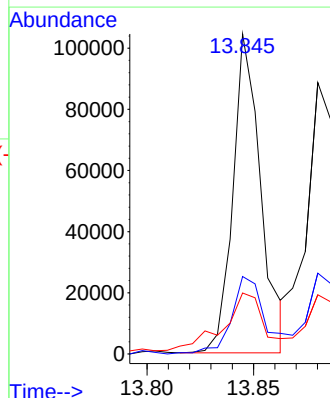
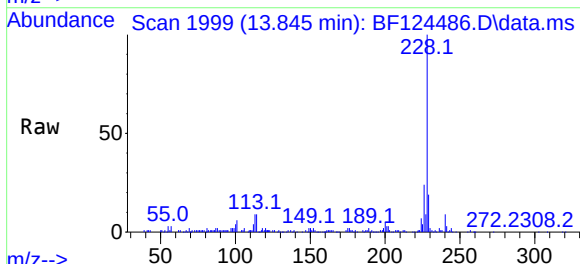
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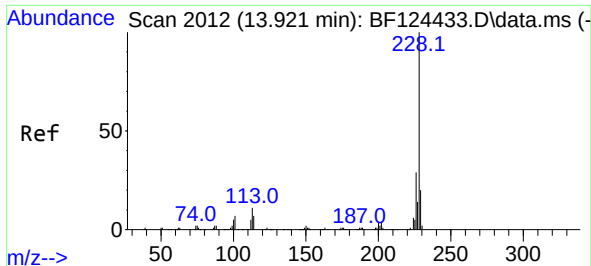
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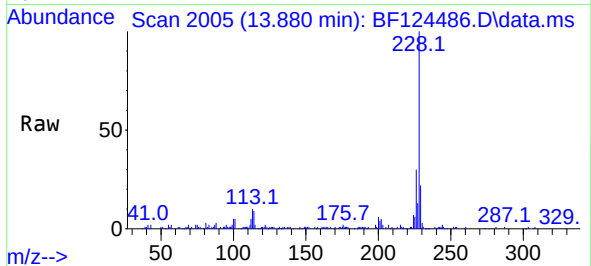
#81
 Benzo(a)anthracene
 Concen: 15.486 ng
 RT: 13.845 min Scan# 1999
 Delta R.T. -0.012 min
 Lab File: BF124486.D
 Acq: 29 Jun 2021 00:52

Tgt Ion:228 Resp: 94878
 Ion Ratio Lower Upper
 228 100
 226 24.2 22.4 33.6
 229 19.0 16.0 24.0

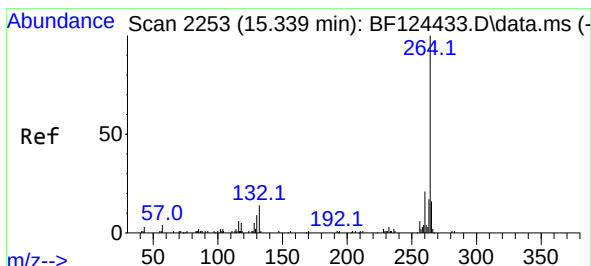
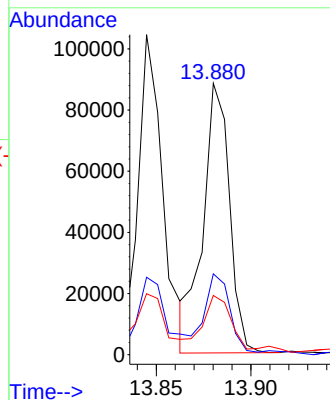
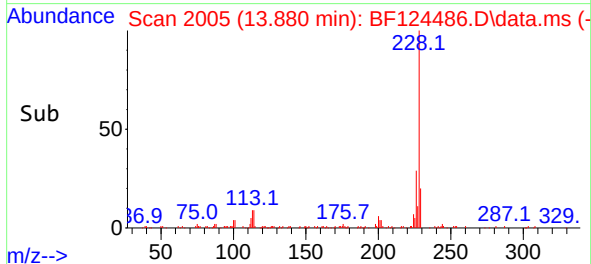




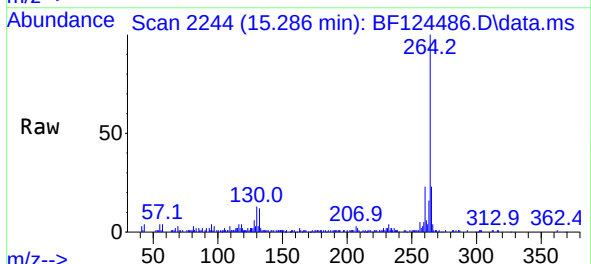
#83
Chrysene
Concen: 14.076 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52



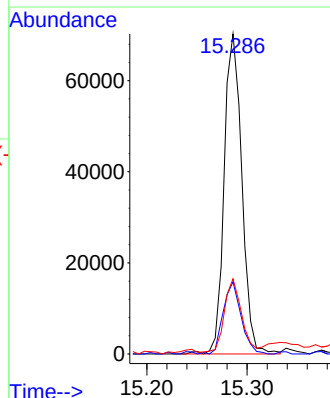
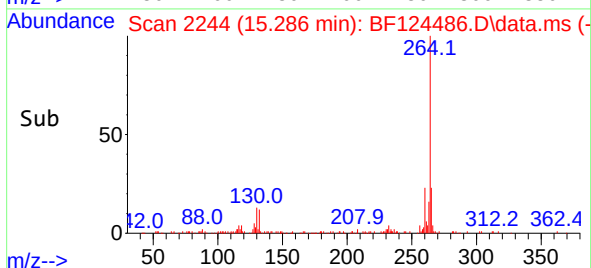
Tgt Ion:228 Resp: 85464
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 21.8 16.2 24.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52



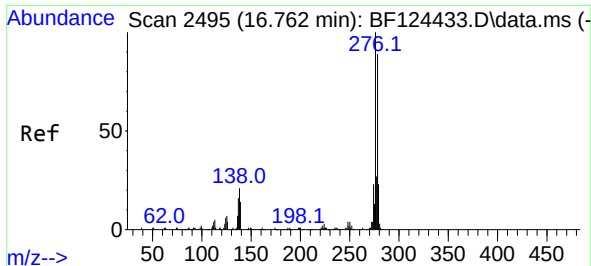
Tgt Ion:264 Resp: 86080
Ion Ratio Lower Upper
264 100
260 22.6 18.7 28.1
265 23.5 17.8 26.8



Instrument :
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ClientSampleId :
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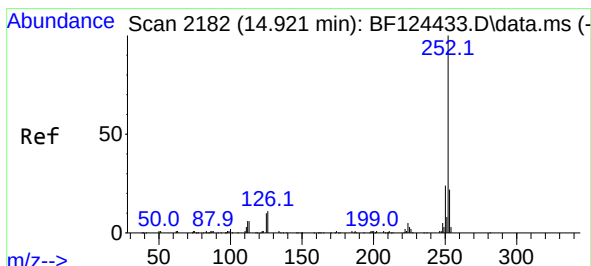
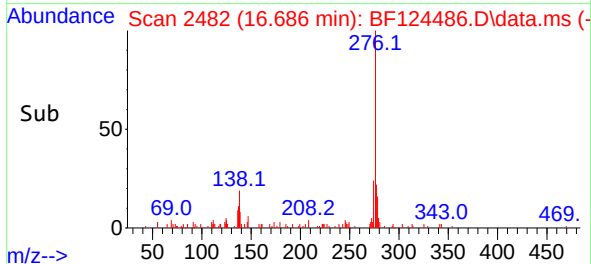
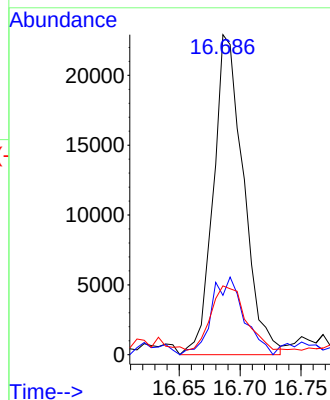
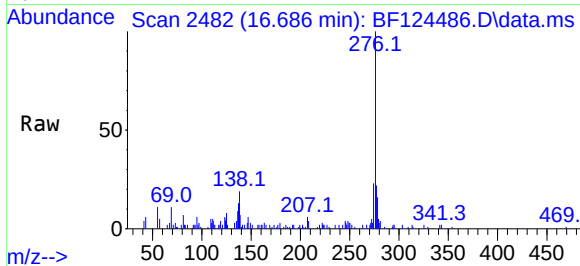
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.795 ng
RT: 16.686 min Scan# 2482
Delta R.T. -0.006 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52

Tgt Ion:	276	Resp:	39341
Ion Ratio	Lower	Upper	
276	100		
138	26.0	16.2	24.2#
277	26.9	20.1	30.1

Instrument :
BNA_F
ClientSampleId :
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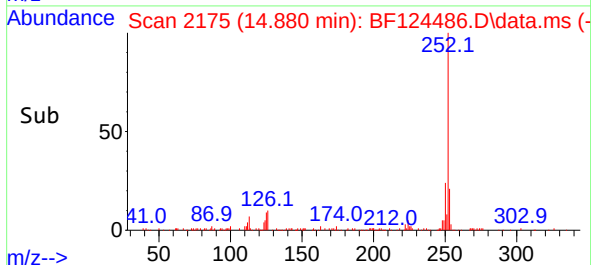
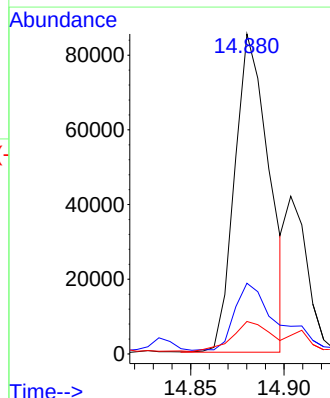
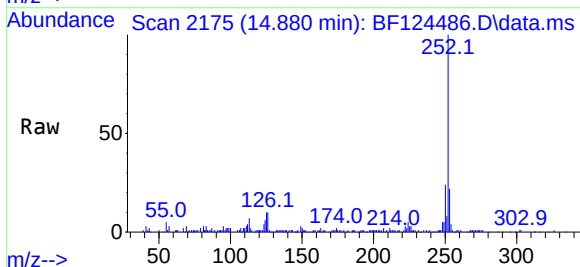
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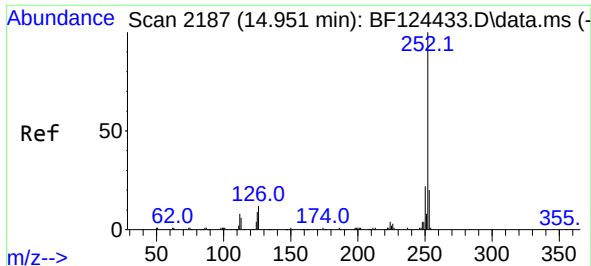
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#88
Benzo(b)fluoranthene
Concen: 16.686 ng m
RT: 14.880 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52

Tgt Ion:	252	Resp:	108845
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	10.2	6.2	9.4#





#89

Benzo(k)fluoranthene

Concen: 5.591 ng m

RT: 14.904 min Scan# 2179

Delta R.T. -0.012 min

Lab File: BF124486.D

Acq: 29 Jun 2021 00:52

Tgt Ion:	252	Resp:	33363
Ion Ratio	Lower	Upper	
252	100		
253	17.6	17.9	26.9#
125	11.8	7.0	10.6#

Instrument :

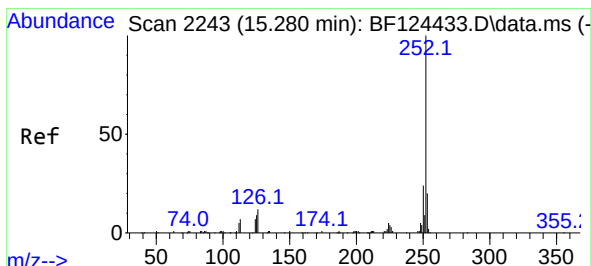
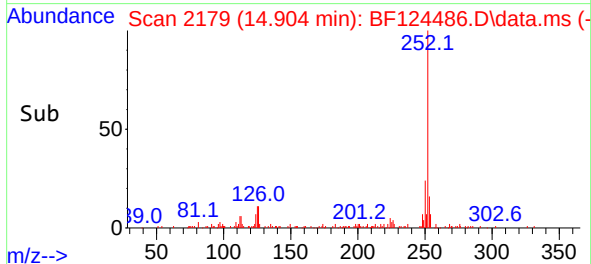
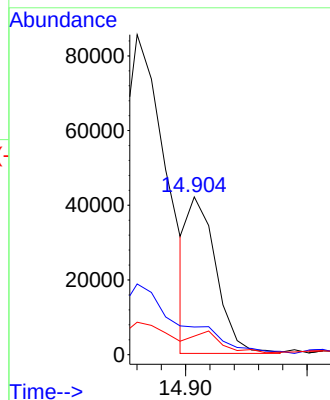
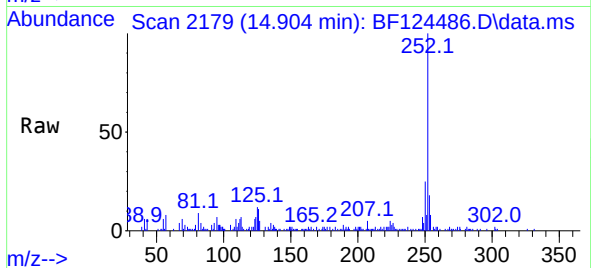
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ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 12.966 ng

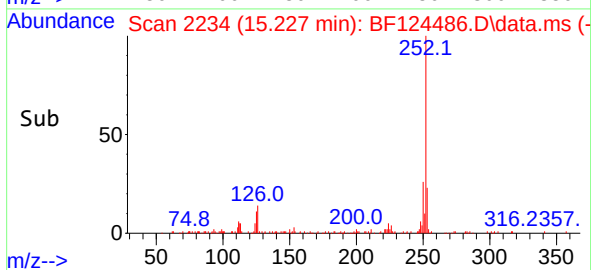
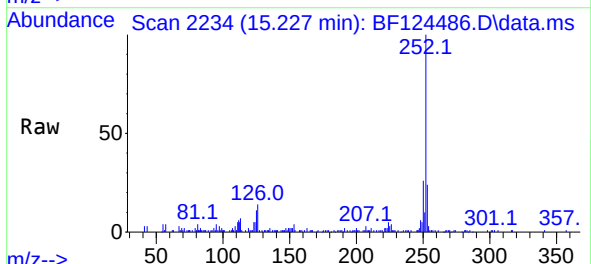
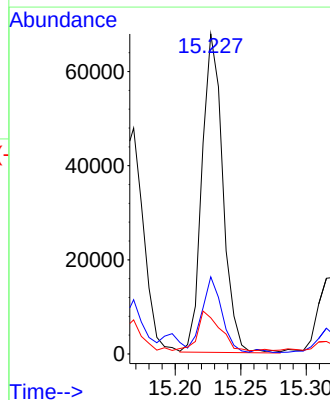
RT: 15.227 min Scan# 2234

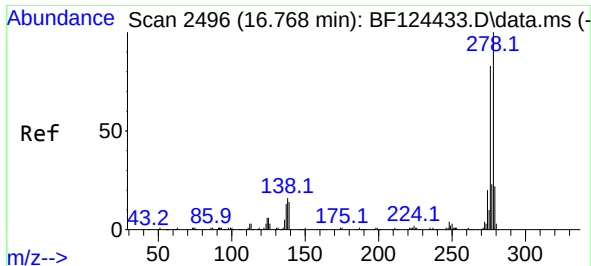
Delta R.T. -0.006 min

Lab File: BF124486.D

Acq: 29 Jun 2021 00:52

Tgt Ion:	252	Resp:	75156
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.4	27.6
125	11.3	8.0	12.0





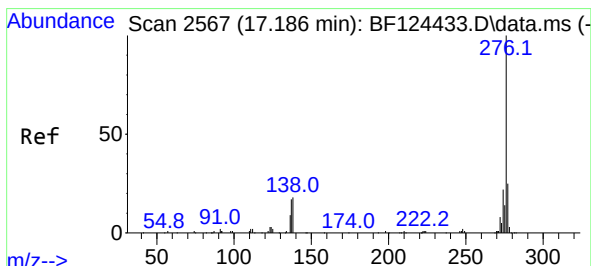
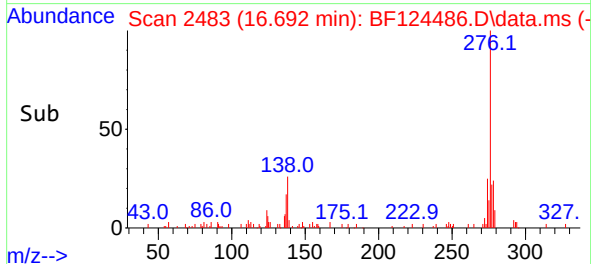
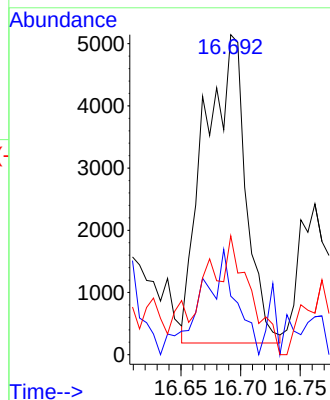
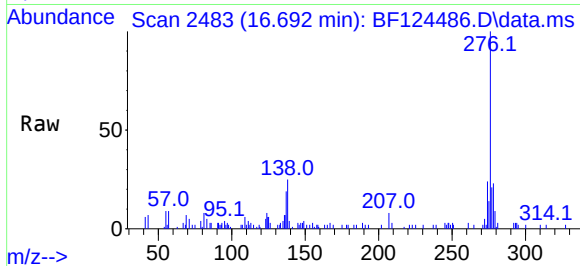
#91
Dibenzo(a,h)anthracene
Concen: 2.045 ng m
RT: 16.692 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52

Tgt Ion: 278 Resp: 11956
Ion Ratio Lower Upper
278 100
139 18.3 10.2 15.2#
279 37.1 19.4 29.0#

Instrument :
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ClientSampled :
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#92
Benzo(g,h,i)perylene
Concen: 6.514 ng
RT: 17.109 min Scan# 2554
Delta R.T. -0.000 min
Lab File: BF124486.D
Acq: 29 Jun 2021 00:52

Tgt Ion: 276 Resp: 37478
Ion Ratio Lower Upper
276 100
277 25.1 18.2 27.2
138 26.4 13.8 20.6#

