

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124450.D
 Acq On : 25 Jun 2021 14:01
 Operator : JU/CG
 Sample : M2819-01DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062321DL

Manual Integrations
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Quant Time: Jun 25 14:36:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 13:23:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	35028	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	127736	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	69490	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	107958	20.000	ng	# 0.00
76) Chrysene-d12	13.868	240	98888	20.000	ng	# 0.00
86) Perylene-d12	15.292	264	87710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	100737	45.229	ng	0.00
7) Phenol-d6	6.351	99	123285	42.393	ng	-0.01
23) Nitrobenzene-d5	7.269	82	90762	29.461	ng	-0.01
42) 2,4,6-Tribromophenol	10.527	330	35327	42.551	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	177961	31.371	ng	0.00
79) Terphenyl-d14	12.804	244	157367	23.835	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.286	166	15820	2.913	ng	# 90
71) Phenanthrene	11.245	178	144653	21.255	ng	99
72) Anthracene	11.298	178	43389	6.399	ng	96
75) Fluoranthene	12.439	202	306740	44.789	ng	97
78) Pyrene	12.669	202	268027	29.693	ng	97
81) Benzo(a)anthracene	13.857	228	170973	23.981	ng	97
83) Chrysene	13.892	228	120937	17.117	ng	95
87) Indeno(1,2,3-cd)pyrene	16.692	276	53893	7.791	ng	# 91
88) Benzo(b)fluoranthene	14.886	252	172268m	25.919	ng	
89) Benzo(k)fluoranthene	14.910	252	60536m	9.955	ng	
90) Benzo(a)pyrene	15.233	252	121140	20.510	ng	96
91) Dibenzo(a,h)anthracene	16.692	278	14583m	2.448	ng	
92) Benzo(g,h,i)perylene	17.109	276	47338	8.074	ng	97

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

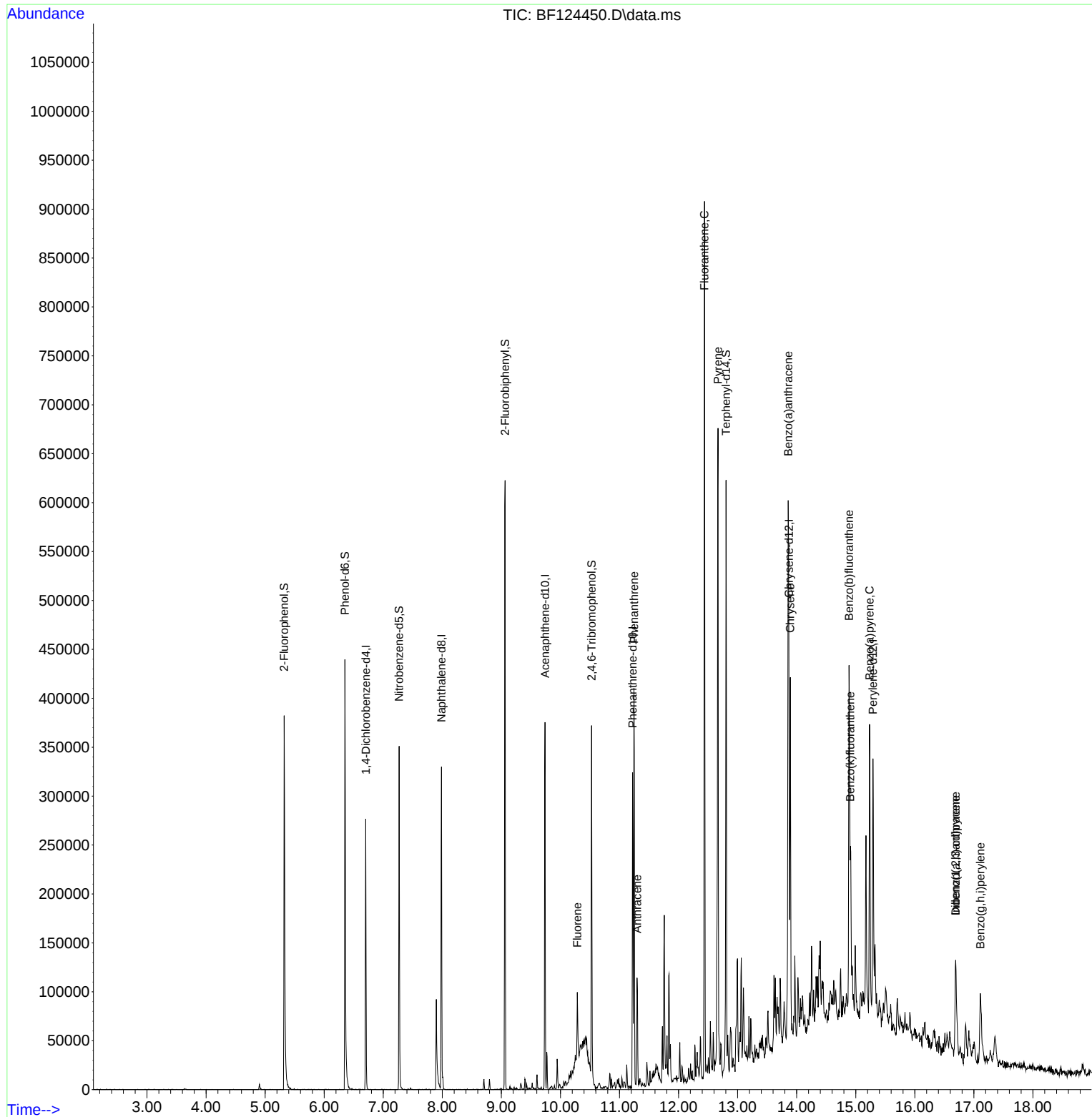
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
Data File : BF124450.D
Acq On : 25 Jun 2021 14:01
Operator : JU/CG
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Misc :
ALS Vial : 4 Sample Multiplier: 1

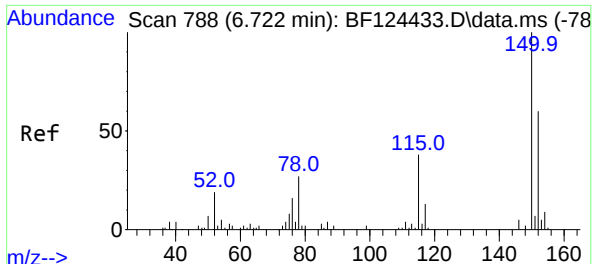
Instrument :
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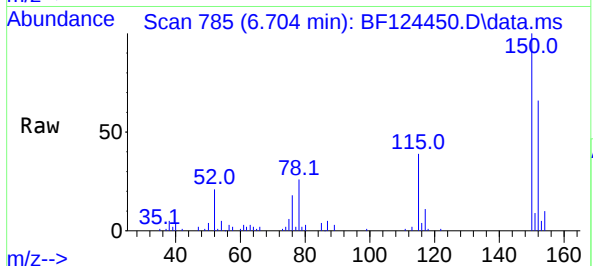
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Quant Time: Jun 25 14:36:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 13:23:23 2021
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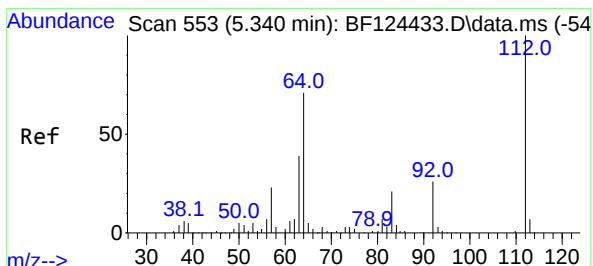
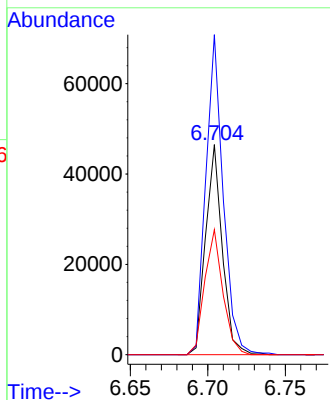
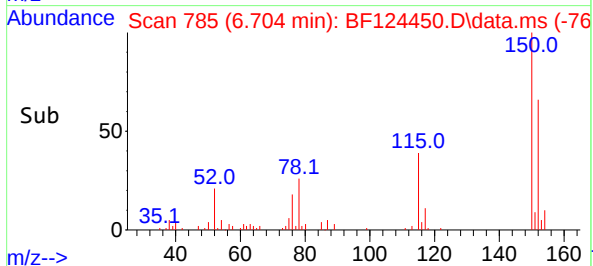




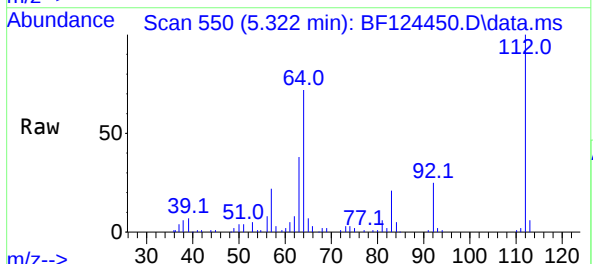
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01



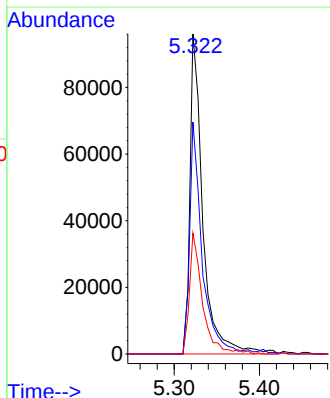
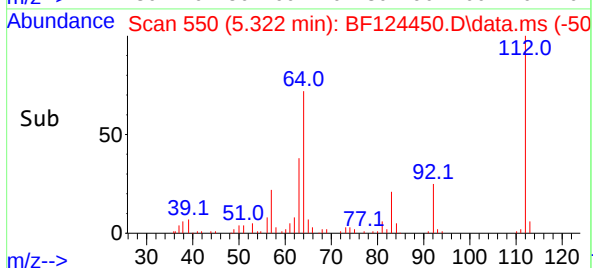
Tgt Ion:152 Resp: 35028
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.6
115 59.5 54.3 81.5



#5
2-Fluorophenol
Concen: 45.229 ng
RT: 5.322 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01



Tgt Ion:112 Resp: 100737
Ion Ratio Lower Upper
112 100
64 72.5 61.4 92.0
63 37.8 33.0 49.4

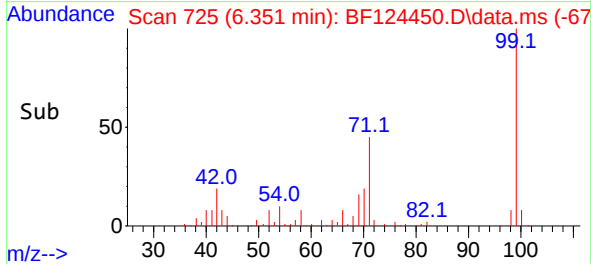
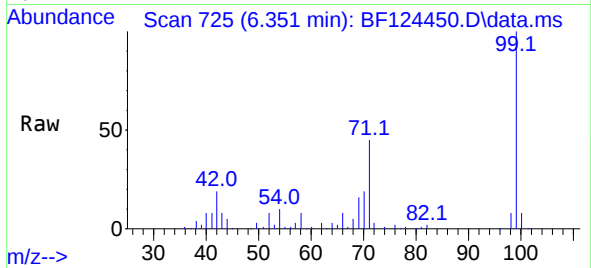
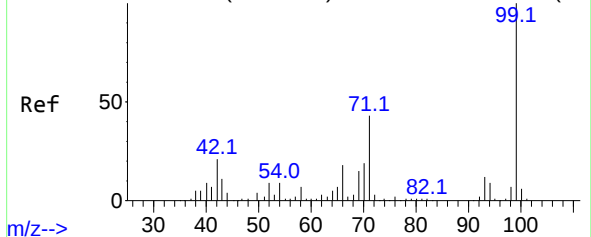


Instrument :
BNA_F
ClientSampleId :
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Abundance Scan 729 (6.375 min): BF124433.D\data.ms (-72



#7

Phenol-d6

Concen: 42.393 ng

RT: 6.351 min Scan# 725

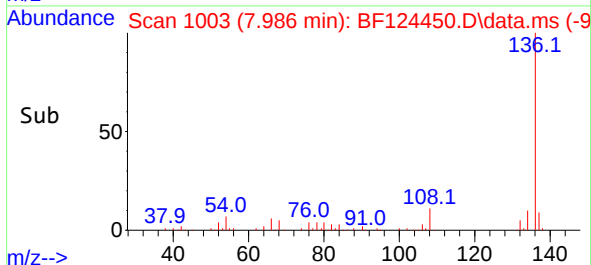
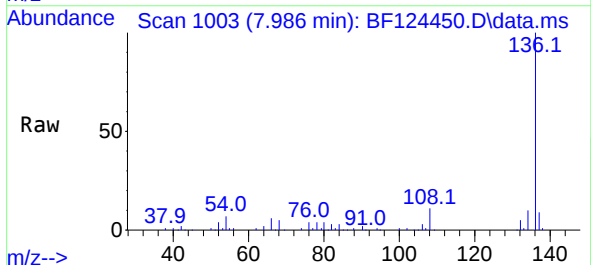
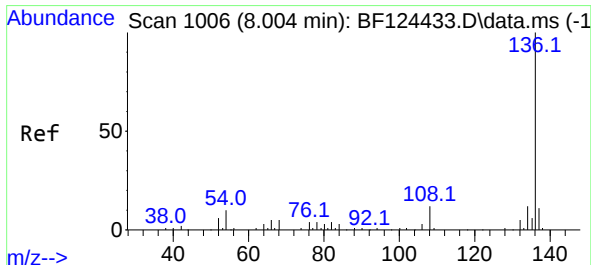
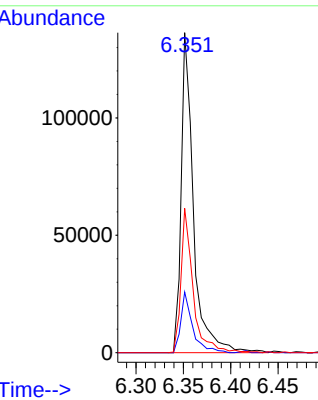
Delta R.T. -0.012 min

Lab File: BF124450.D

Acq: 25 Jun 2021 14:01

Tgt Ion: 99 Resp: 123285

Ion	Ratio	Lower	Upper
99	100		
42	19.0	19.8	29.8#
71	45.1	31.1	46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.986 min Scan# 1003

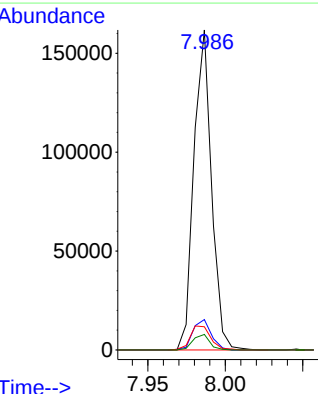
Delta R.T. 0.000 min

Lab File: BF124450.D

Acq: 25 Jun 2021 14:01

Tgt Ion: 136 Resp: 127736

Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.7	13.1
54	7.2	9.8	14.6#
68	4.9	4.1	6.1



Instrument :

BNA_F

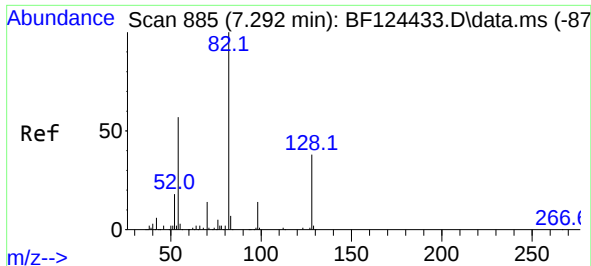
ClientSampleId :

CL-02-062321DL

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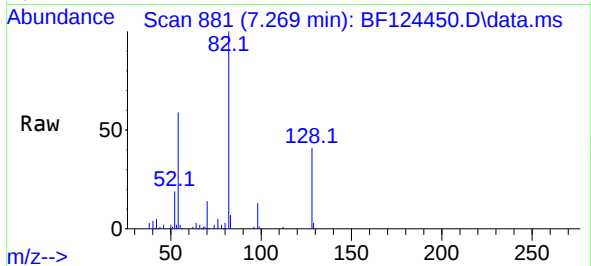
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#23
Nitrobenzene-d5
Concen: 29.461 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

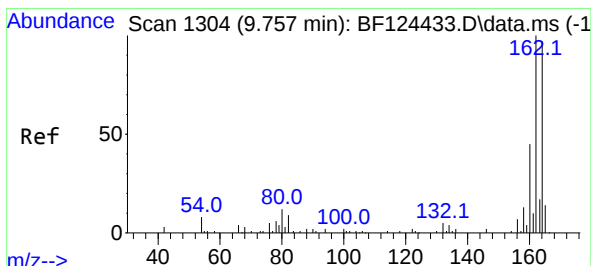
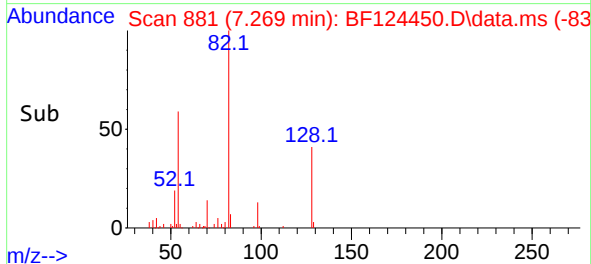
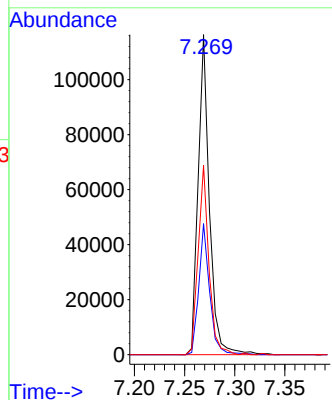
Instrument :
BNA_F
ClientSampleId :
CL-02-062321DL



Tgt Ion: 82 Resp: 90762
Ion Ratio Lower Upper
82 100
128 41.0 29.4 44.2
54 59.2 54.1 81.1

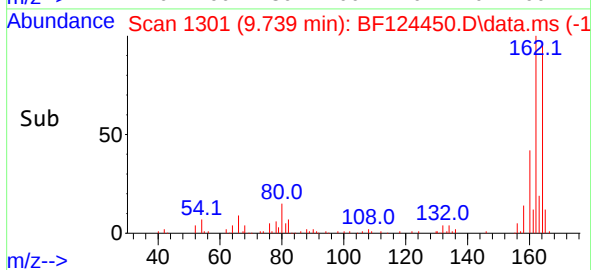
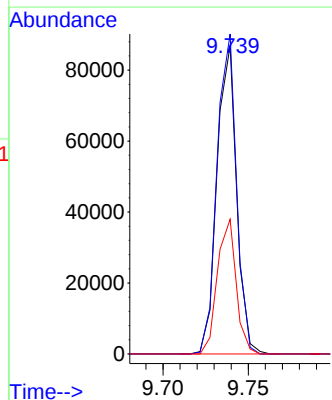
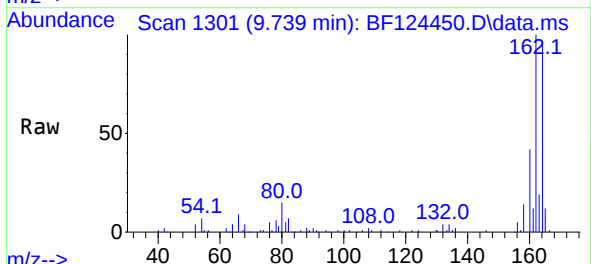
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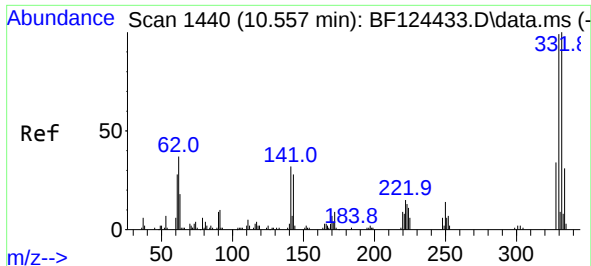
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

Tgt Ion: 164 Resp: 69490
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 43.7 37.3 55.9





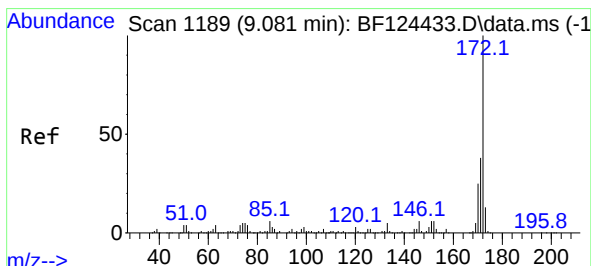
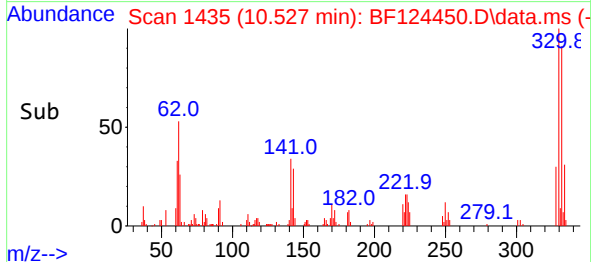
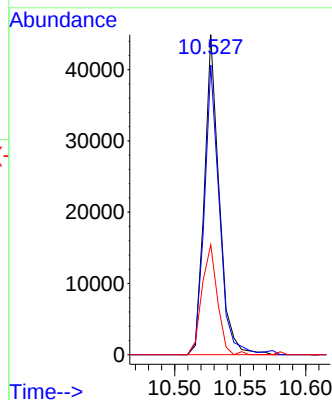
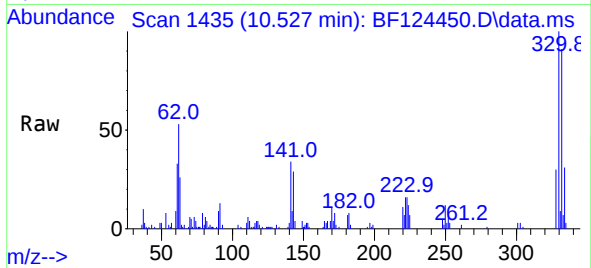
#42
2,4,6-Tribromophenol
Concen: 42.551 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

Tgt Ion:	330	Resp:	35327
Ion Ratio	Lower	Upper	
330	100		
332	92.5	77.1	115.7
141	35.9	27.9	41.9

Instrument :
BNA_F
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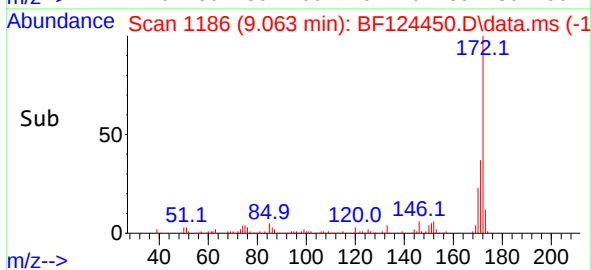
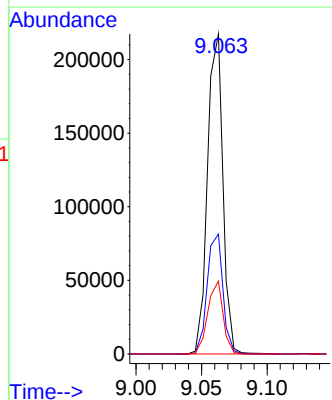
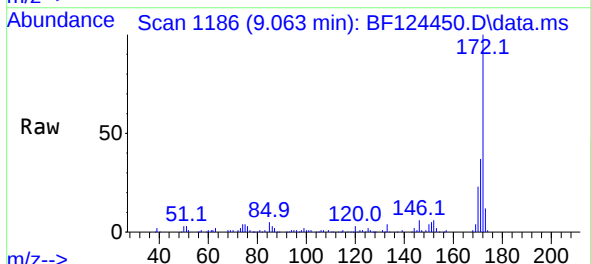
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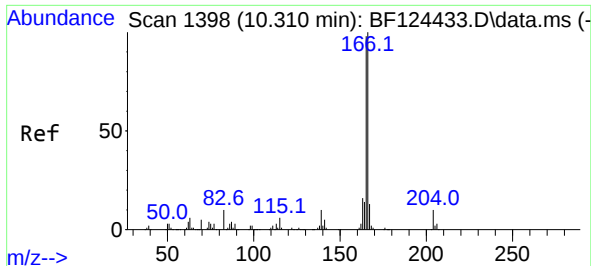
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#45
2-Fluorobiphenyl
Concen: 31.371 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

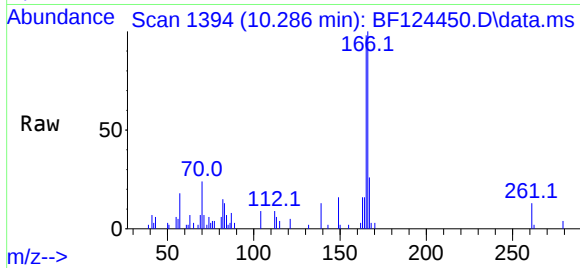
Tgt Ion:	172	Resp:	177961
Ion Ratio	Lower	Upper	
172	100		
171	37.5	28.1	42.1
170	22.8	19.2	28.8





#58
Fluorene
Concen: 2.913 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

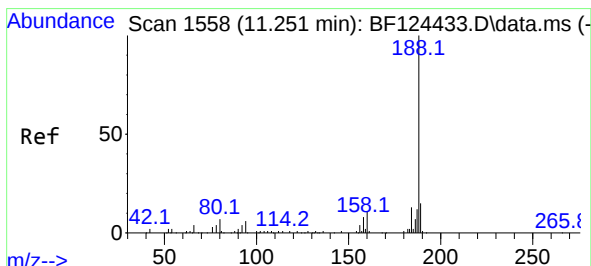
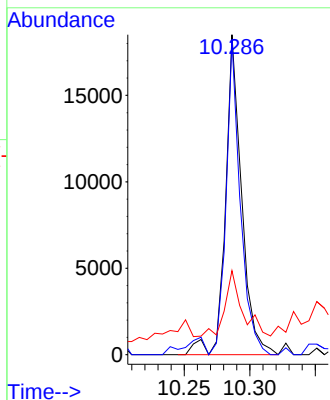
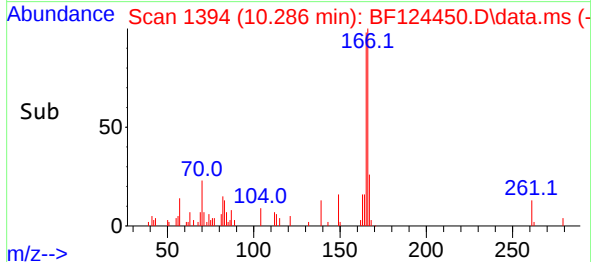
Instrument :
BNA_F
ClientSampleId :
CL-02-062321DL



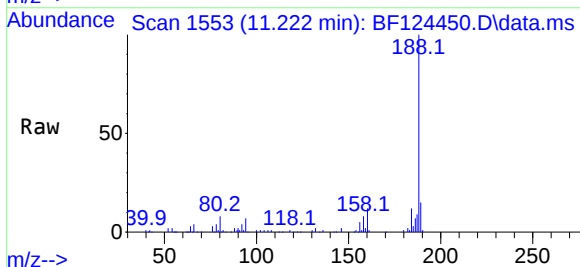
Tgt Ion:166 Resp: 15820
Ion Ratio Lower Upper
166 100
165 98.4 73.5 110.3
167 26.2 10.7 16.1#

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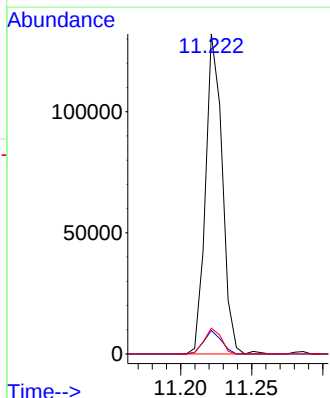
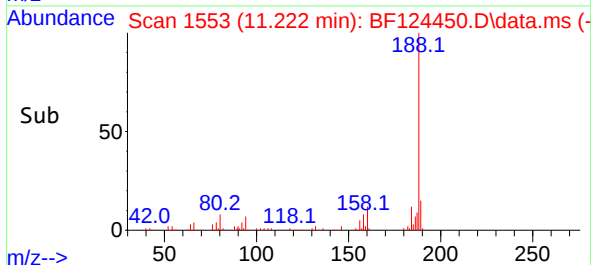
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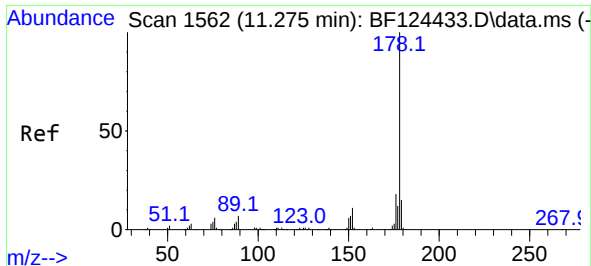


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01



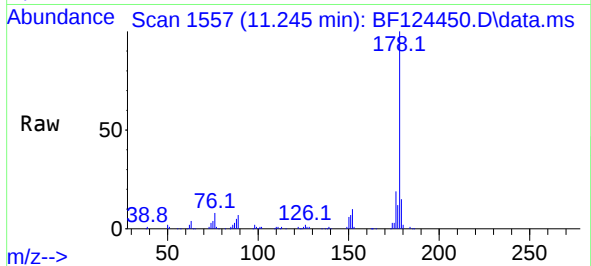
Tgt Ion:188 Resp: 107958
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.0 8.2 12.2#





#71
Phenanthrene
Concen: 21.255 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

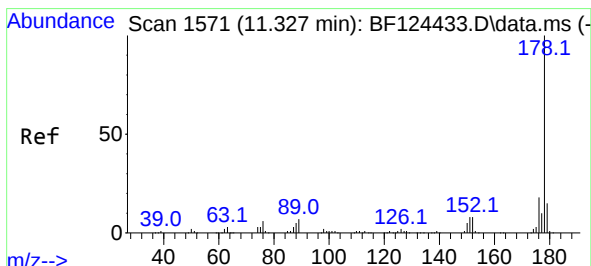
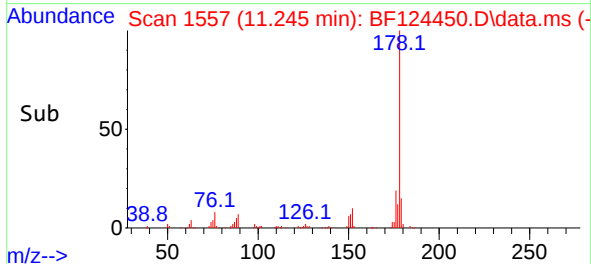
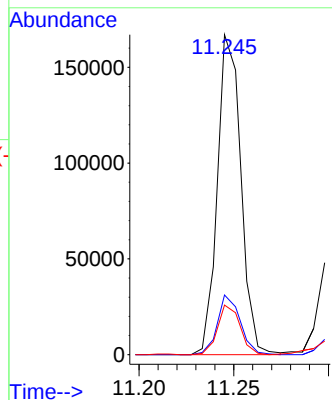
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Tgt Ion:178 Resp: 144653
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 15.5 12.5 18.7

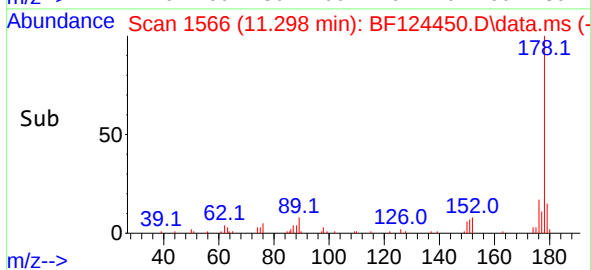
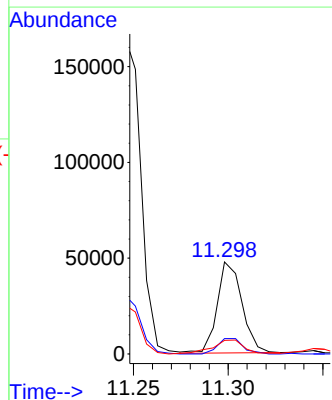
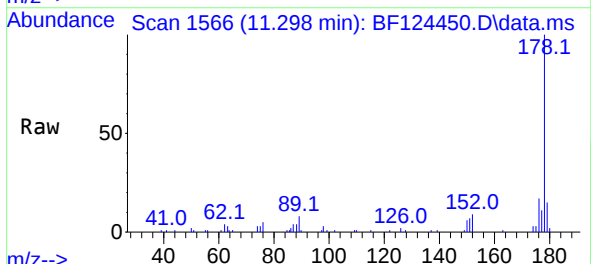
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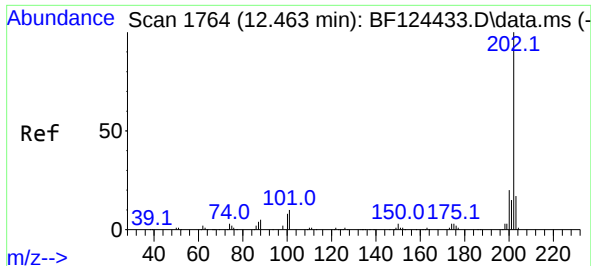
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#72
Anthracene
Concen: 6.399 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

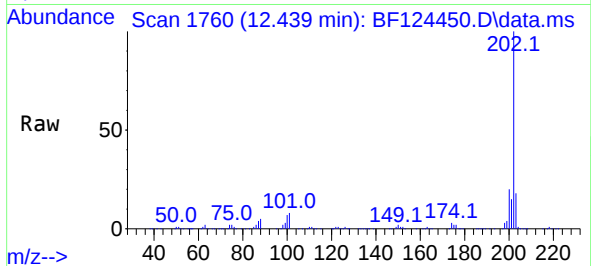
Tgt Ion:178 Resp: 43389
Ion Ratio Lower Upper
178 100
176 16.6 15.4 23.0
179 14.7 12.6 18.8





#75
Fluoranthene
Concen: 44.789 ng
RT: 12.439 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

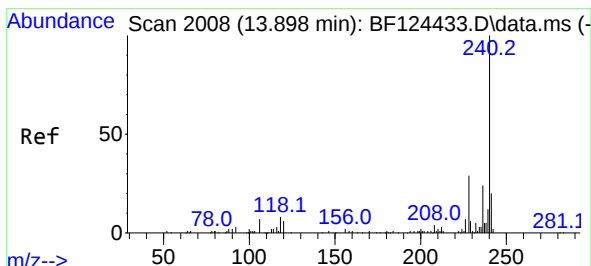
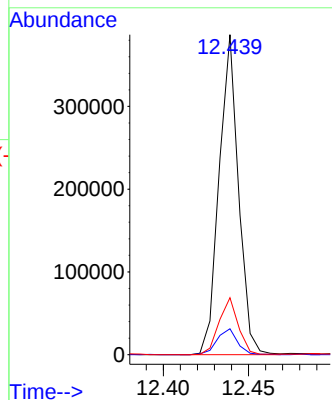
Instrument :
BNA_F
ClientSampleId :
CL-02-062321DL



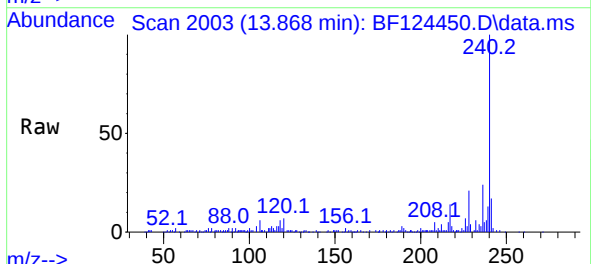
Tgt Ion:202 Resp: 306740
Ion Ratio Lower Upper
202 100
101 8.1 0.0 30.9
203 17.8 0.0 37.5

Manual Integrations
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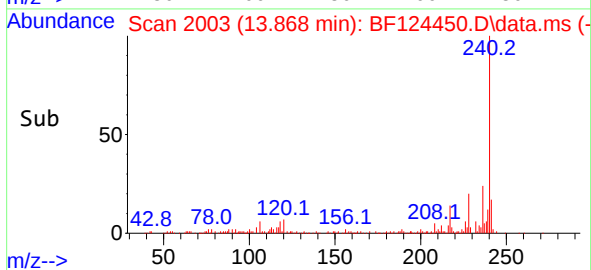
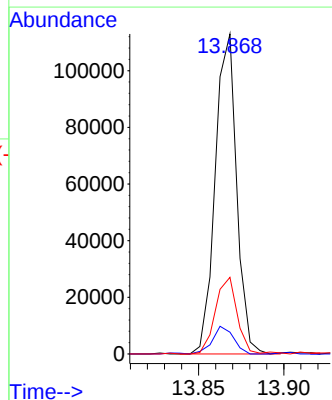
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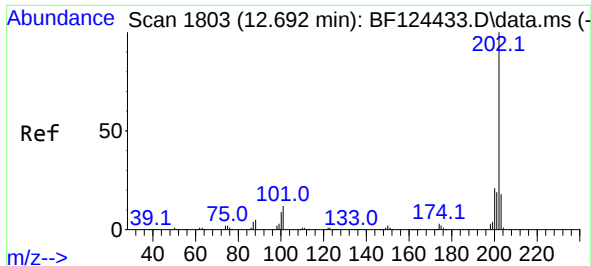


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

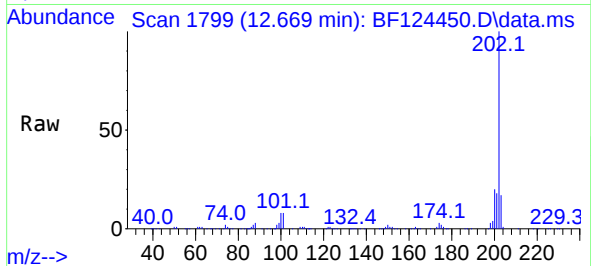


Tgt Ion:240 Resp: 98888
Ion Ratio Lower Upper
240 100
120 6.8 7.2 10.8#
236 24.0 19.0 28.4

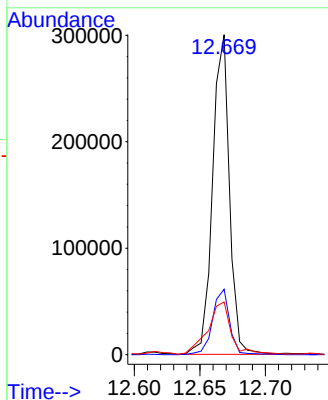
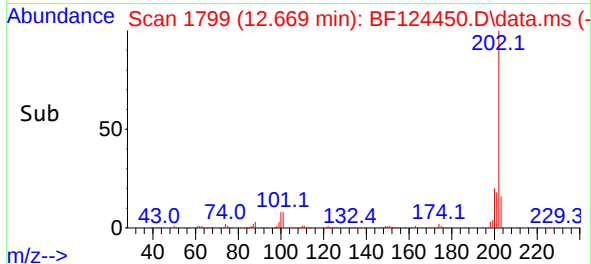




#78
Pyrene
Concen: 29.693 ng
RT: 12.669 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01



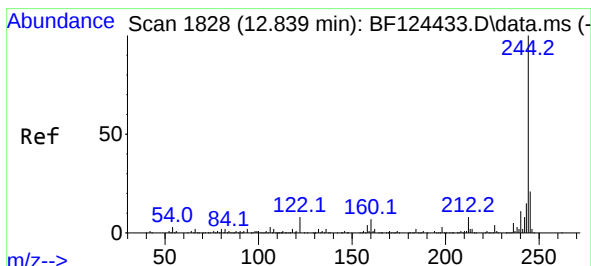
Tgt Ion:202 Resp: 268027
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 16.5 14.8 22.2



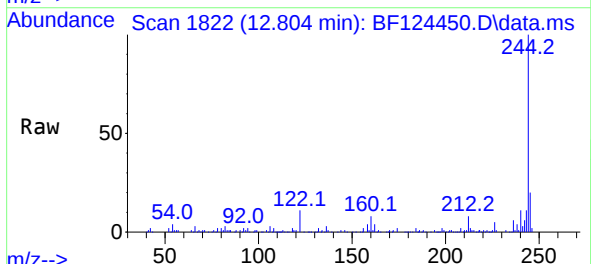
Instrument :
BNA_F
ClientSampleId :
CL-02-062321DL

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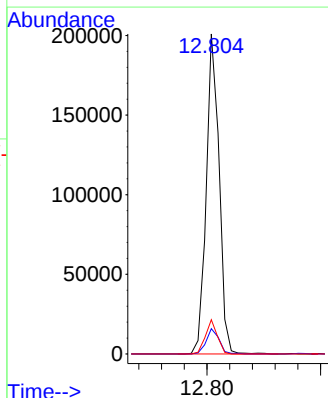
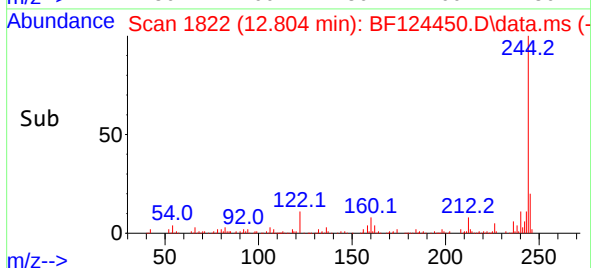
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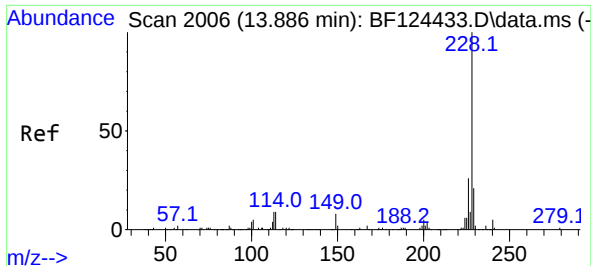


#79
Terphenyl-d14
Concen: 23.835 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01



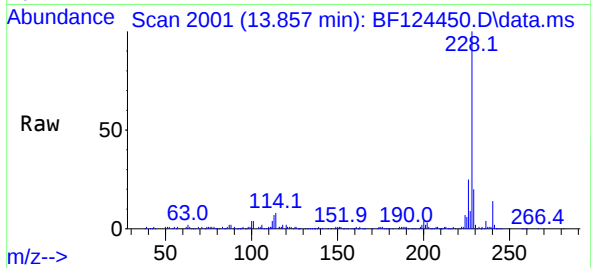
Tgt Ion:244 Resp: 157367
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 10.7 9.7 14.5





#81
Benzo(a)anthracene
Concen: 23.981 ng
RT: 13.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

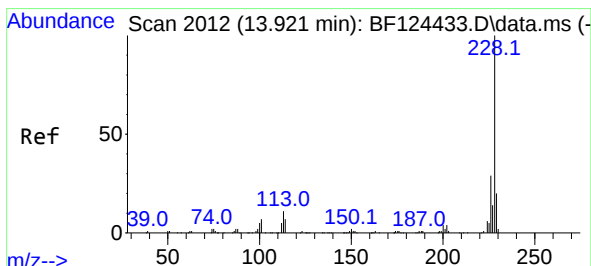
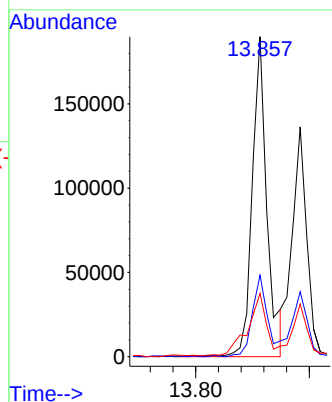
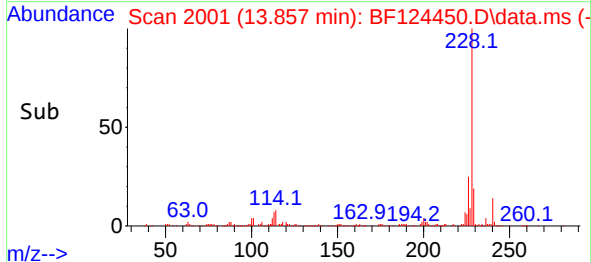
Instrument :
BNA_F
ClientSampleId :
CL-02-062321DL



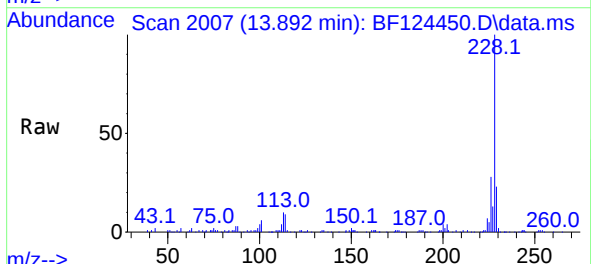
Tgt Ion:228 Resp: 170973
Ion Ratio Lower Upper
228 100
226 25.4 22.4 33.6
229 19.8 16.0 24.0

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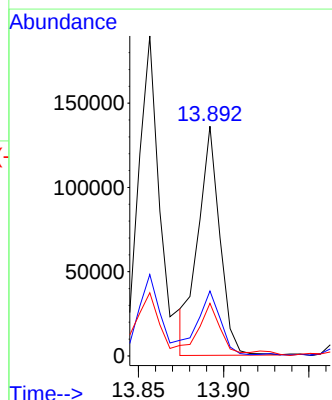
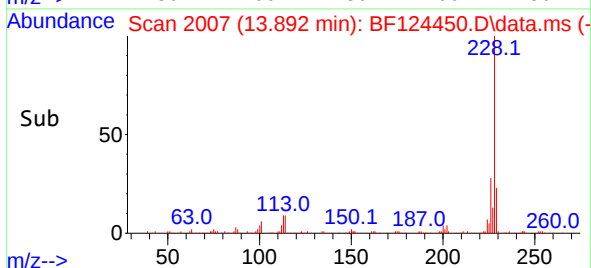
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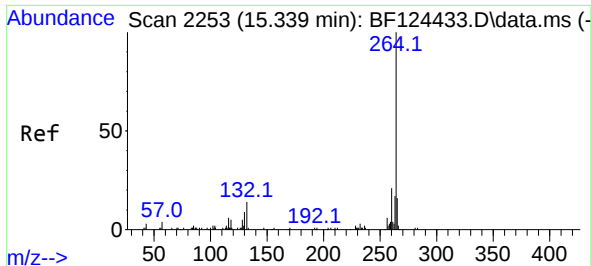


#83
Chrysene
Concen: 17.117 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01



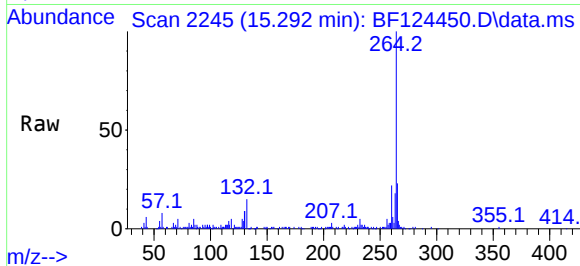
Tgt Ion:228 Resp: 120937
Ion Ratio Lower Upper
228 100
226 28.2 24.3 36.5
229 22.9 16.2 24.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

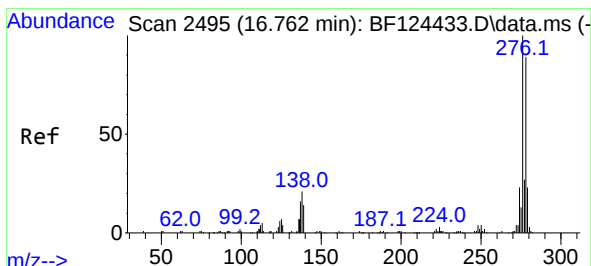
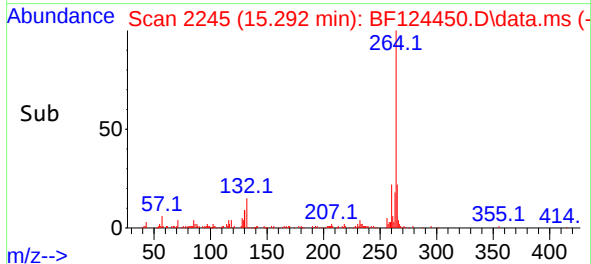
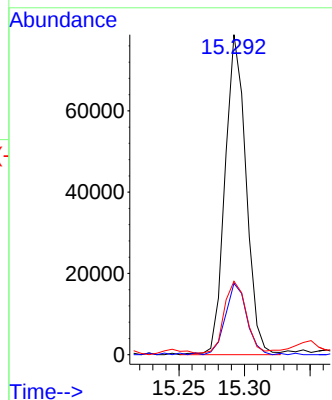
Instrument :
BNA_F
ClientSampleId :
CL-02-062321DL



Tgt Ion:264 Resp: 87710
Ion Ratio Lower Upper
264 100
260 22.3 18.7 28.1
265 22.9 17.8 26.8

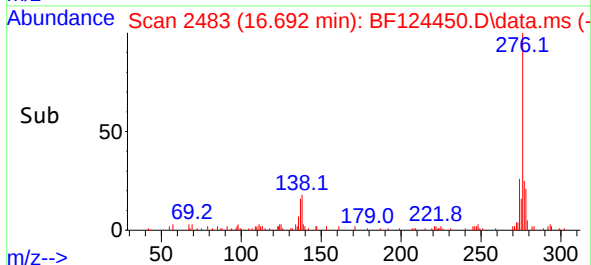
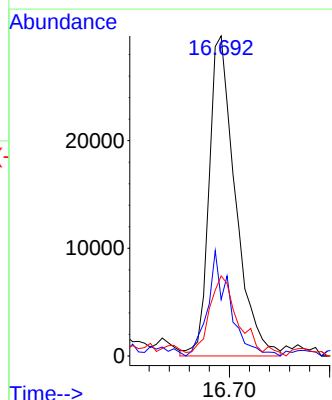
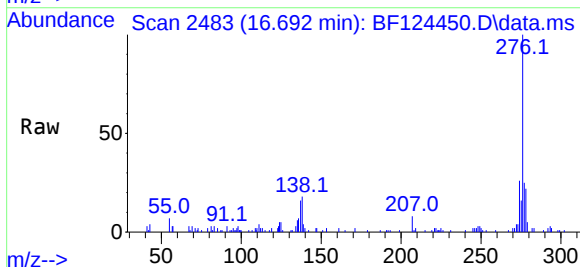
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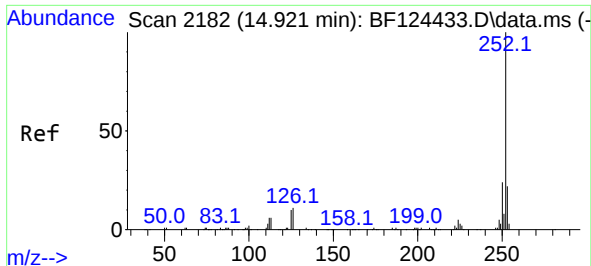
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.791 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

Tgt Ion:276 Resp: 53893
Ion Ratio Lower Upper
276 100
138 27.6 16.2 24.2#
277 26.7 20.1 30.1





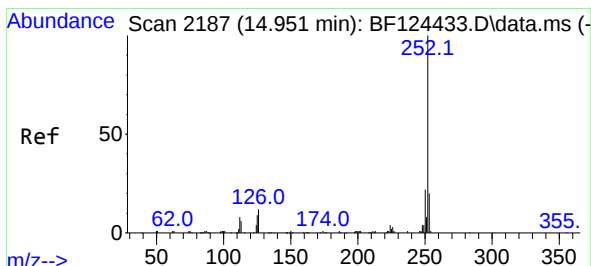
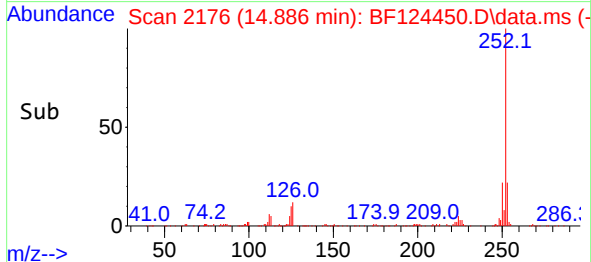
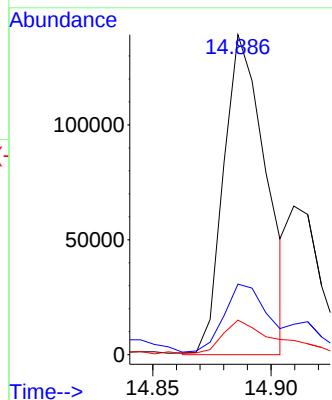
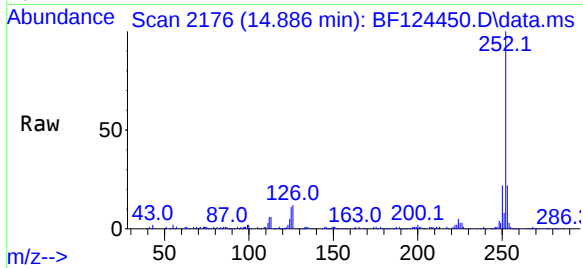
#88
Benzo(b)fluoranthene
Concen: 25.919 ng m
RT: 14.886 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

Tgt Ion:252 Resp: 172268
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.8 6.2 9.4#

Instrument :
BNA_F
ClientSampleId :
CL-02-062321DL

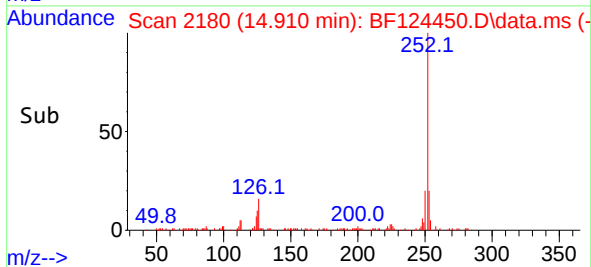
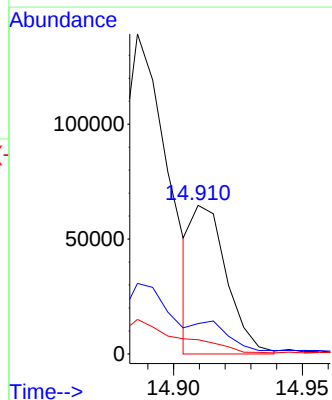
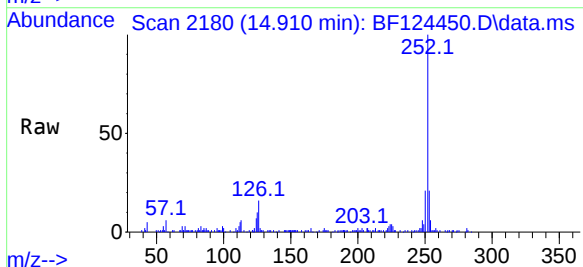
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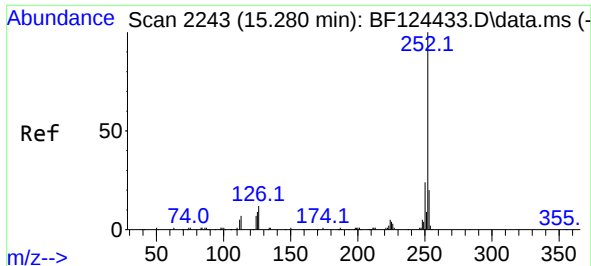
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#89
Benzo(k)fluoranthene
Concen: 9.955 ng m
RT: 14.910 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

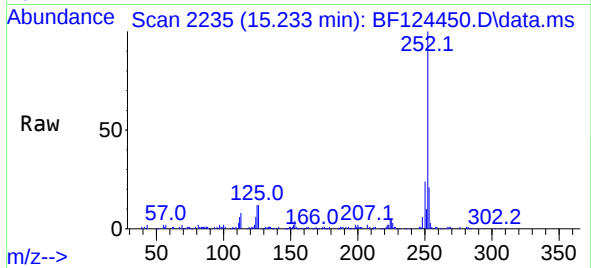
Tgt Ion:252 Resp: 60536
Ion Ratio Lower Upper
252 100
253 20.5 17.9 26.9
125 9.6 7.0 10.6





#90
Benzo(a)pyrene
Concen: 20.510 ng
RT: 15.233 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

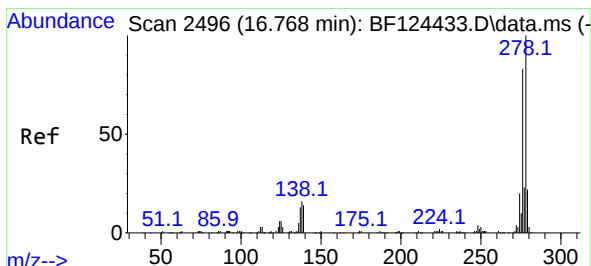
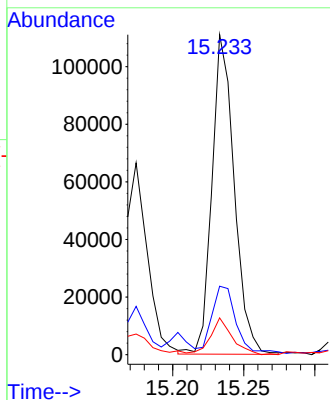
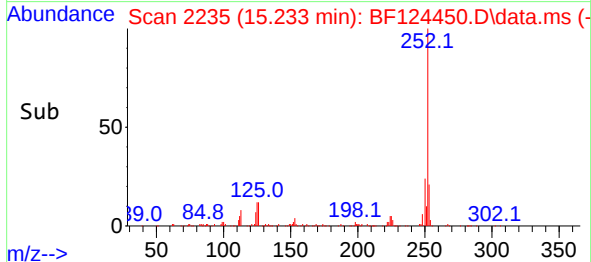
Instrument :
BNA_F
ClientSampleId :
CL-02-062321DL



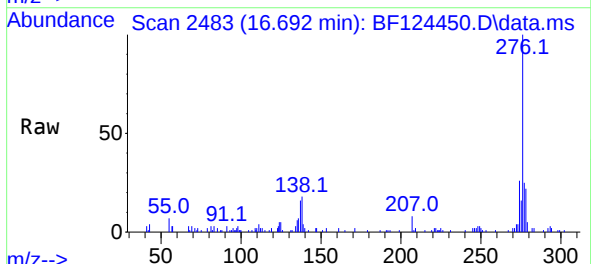
Tgt Ion:252 Resp: 121140
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 11.5 8.0 12.0

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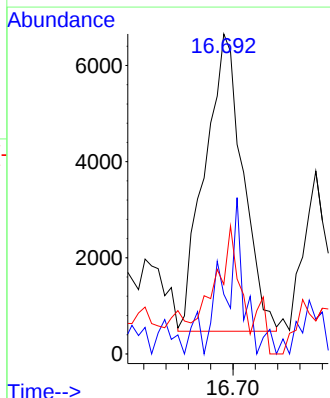
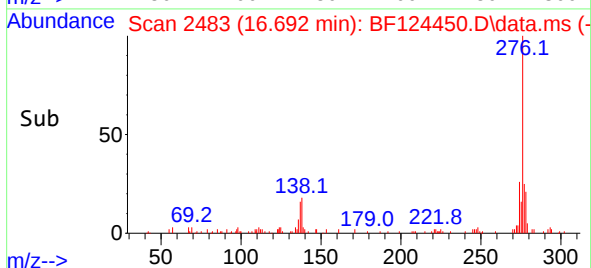
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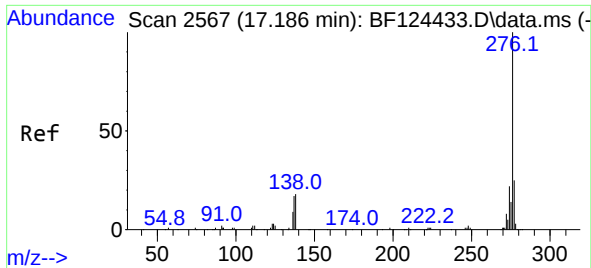


#91
Dibenzo(a,h)anthracene
Concen: 2.448 ng m
RT: 16.692 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF124450.D
Acq: 25 Jun 2021 14:01

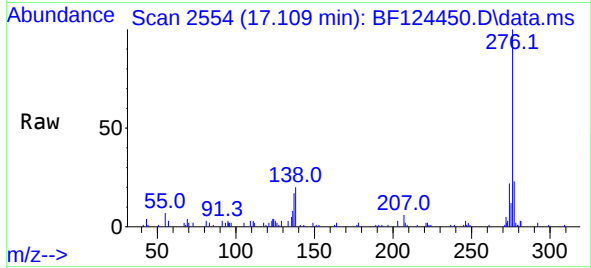


Tgt Ion:278 Resp: 14583
Ion Ratio Lower Upper
278 100
139 18.7 10.2 15.2#
279 21.8 19.4 29.0

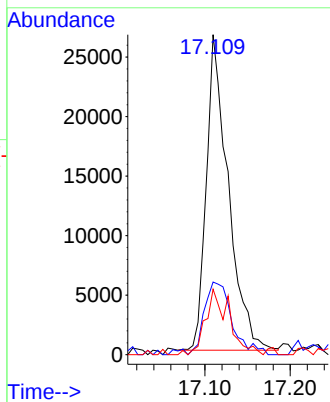
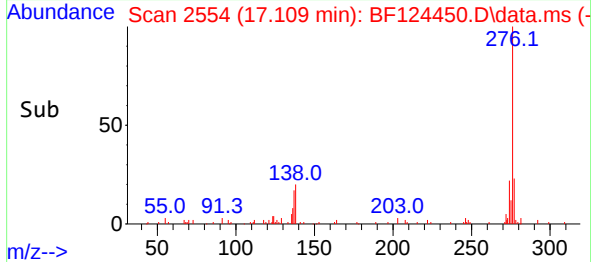




#92
 Benzo(g,h,i)perylene
 Concen: 8.074 ng
 RT: 17.109 min Scan# 2554
 Delta R.T. 0.000 min
 Lab File: BF124450.D
 Acq: 25 Jun 2021 14:01



Tgt Ion:	276	Resp:	47338
Ion Ratio	Lower	Upper	
276	100		
277	22.7	18.2	27.2
138	20.5	13.8	20.6



Instrument :
 BNA_F
 ClientSampleId :
 CL-02-062321DL

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