

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124249.D
 Acq On : 11 Jun 2021 00:09
 Operator : JU/CG
 Sample : M2644-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1894-1900

Manual Integrations
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Quant Time: Jun 11 01:27:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	31774	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	121627	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	71060	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	109254	20.000	ng	0.00
76) Chrysene-d12	14.016	240	85907	20.000	ng	0.00
86) Perylene-d12	15.498	264	79519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	92857	43.992	ng	0.00
7) Phenol-d6	6.487	99	113414	39.974	ng	-0.01
23) Nitrobenzene-d5	7.410	82	91338	29.784	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	36720	36.474	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	160038	28.340	ng	0.00
79) Terphenyl-d14	12.957	244	119011	19.020	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.598	163	30669	5.217	ng	# 94
71) Phenanthrene	11.398	178	27556	4.038	ng	97
72) Anthracene	11.445	178	19014	2.766	ng	96
75) Fluoranthene	12.586	202	133055	18.573	ng	97
78) Pyrene	12.816	202	144789	17.552	ng	99
81) Benzo(a)anthracene	14.004	228	75165	12.011	ng	97
83) Chrysene	14.045	228	99709	16.513	ng	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	17982	6.807	ng	96
88) Benzo(b)fluoranthene	15.063	252	110093m	17.823	ng	
89) Benzo(k)fluoranthene	15.086	252	34719m	5.937	ng	
90) Benzo(a)pyrene	15.433	252	52524	9.790	ng	# 97
91) Dibenzo(a,h)anthracene	16.968	278	6269m	5.188	ng	
92) Benzo(g,h,i)perylene	17.421	276	13863	6.097	ng	# 90

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

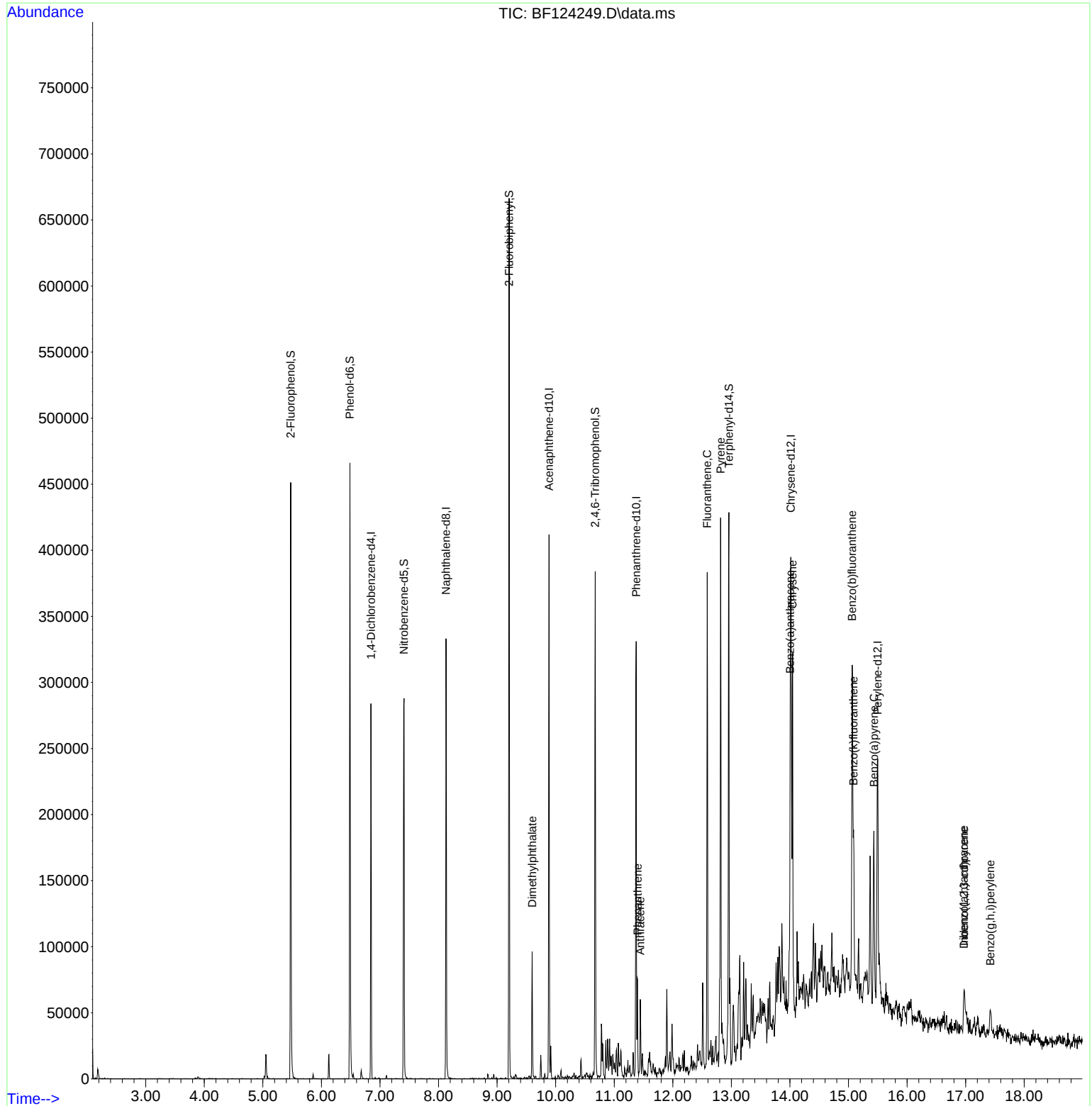
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Data File : BF124249.D
Acq On : 11 Jun 2021 00:09
Operator : JU/CG
Sample : M2644-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

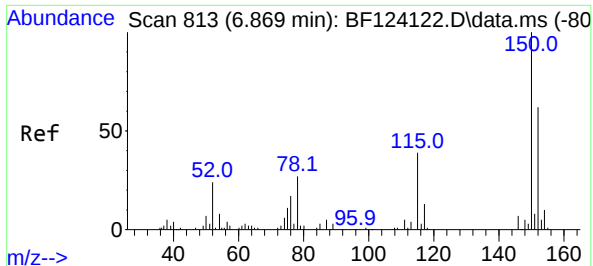
Instrument :
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ClientSampleId :
1894-1900

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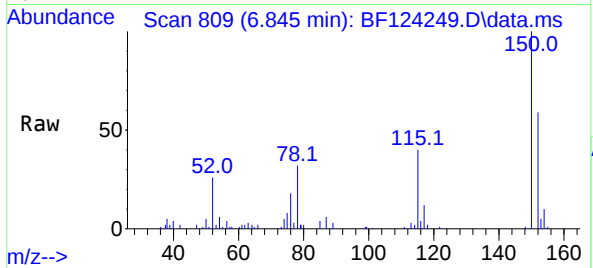
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Quant Time: Jun 11 01:27:03 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
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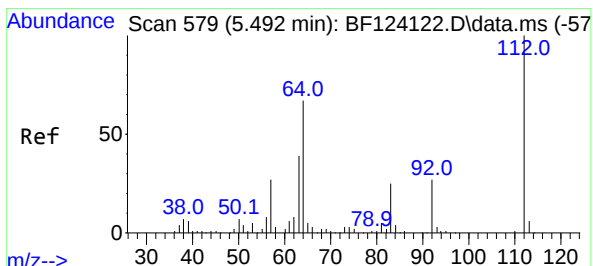
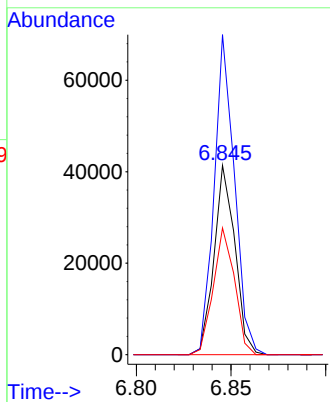
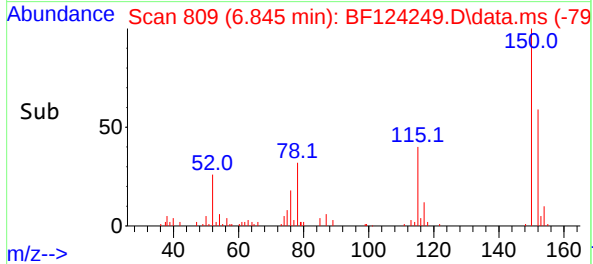




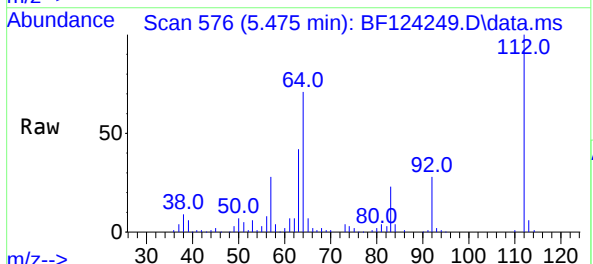
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09



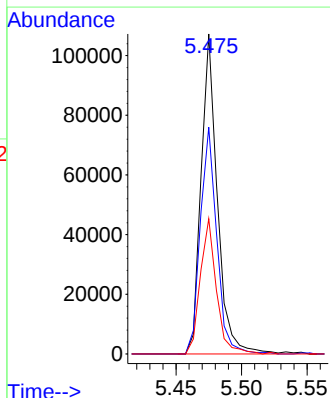
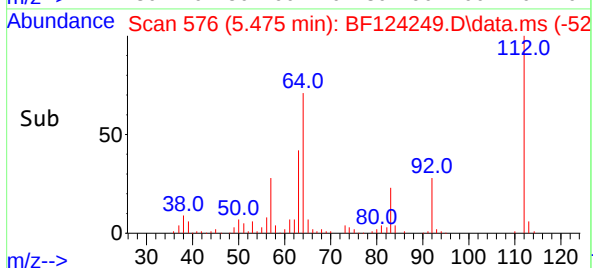
Tgt Ion:152 Resp: 31774
Ion Ratio Lower Upper
152 100
150 169.1 127.0 190.6
115 67.0 54.3 81.5



#5
2-Fluorophenol
Concen: 43.992 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09



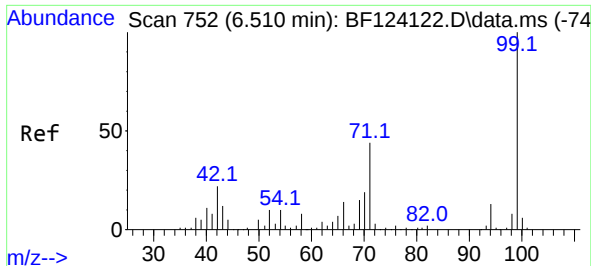
Tgt Ion:112 Resp: 92857
Ion Ratio Lower Upper
112 100
64 70.8 61.4 92.0
63 42.3 33.0 49.4



Instrument :
BNA_F
ClientSampled :
1894-1900

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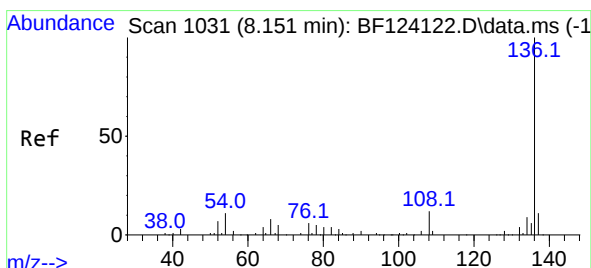
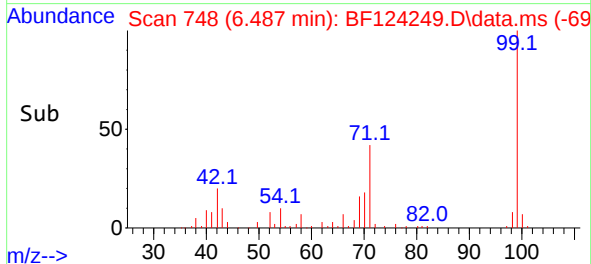
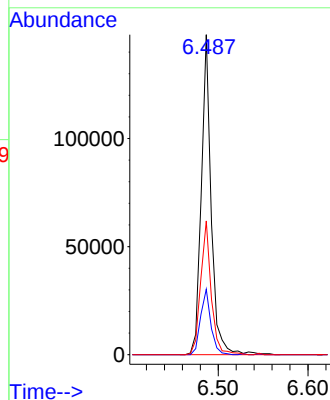
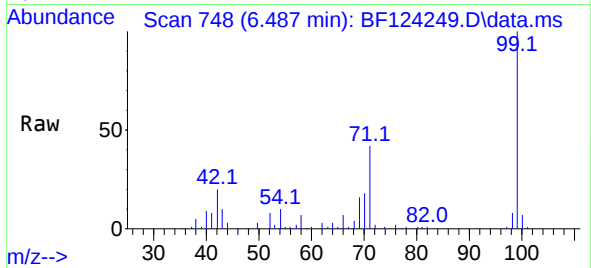
#7
Phenol-d6
Concen: 39.974 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

Tgt Ion: 99 Resp: 113414
Ion Ratio Lower Upper
99 100
42 20.4 19.8 29.8
71 41.8 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
1894-1900

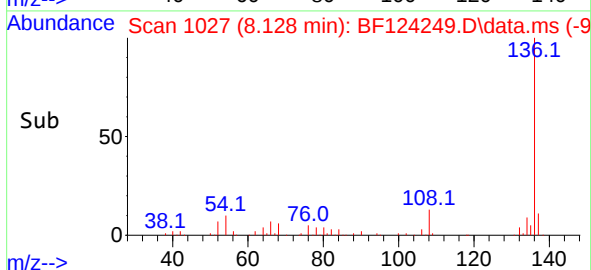
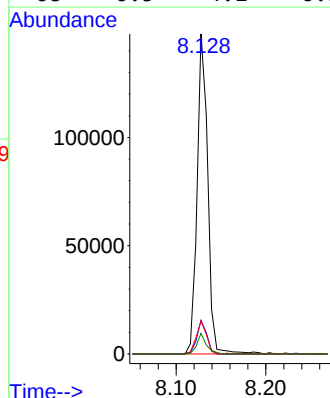
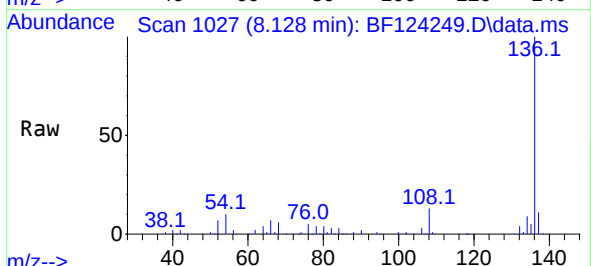
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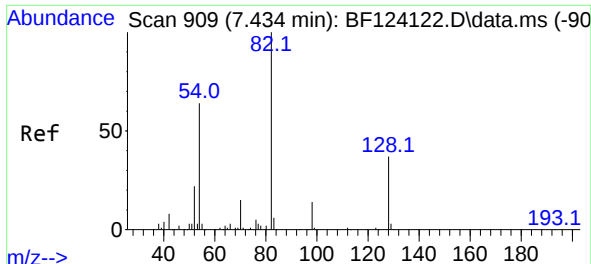
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

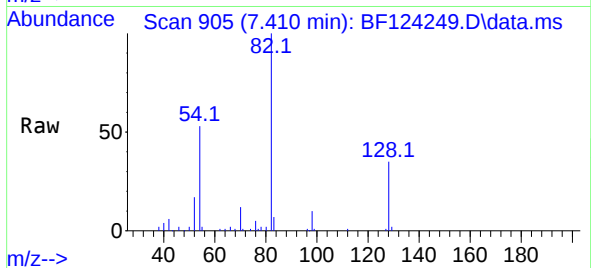
Tgt Ion: 136 Resp: 121627
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 10.3 9.8 14.6
68 6.5 4.1 6.1#





#23
Nitrobenzene-d5
Concen: 29.784 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

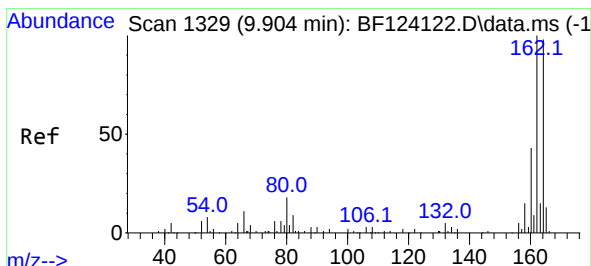
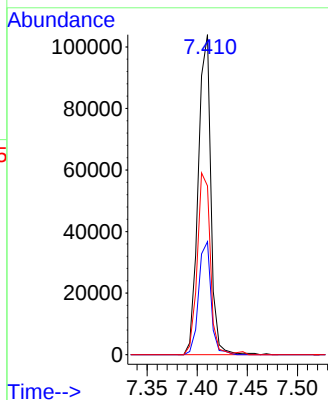
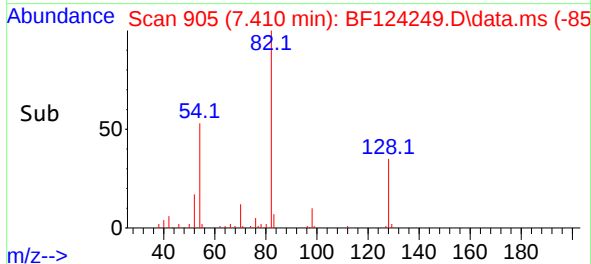
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ClientSampleId :
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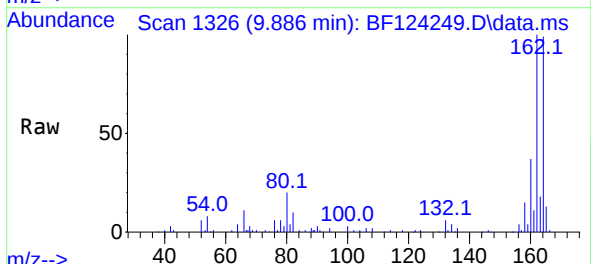
Tgt Ion: 82 Resp: 91338
Ion Ratio Lower Upper
82 100
128 35.3 29.4 44.2
54 52.8 54.1 81.1#

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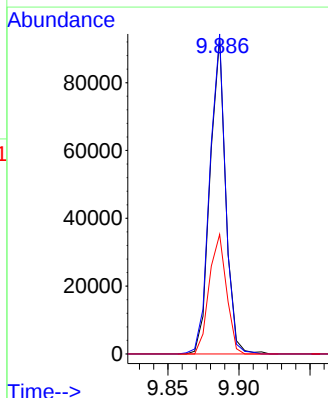
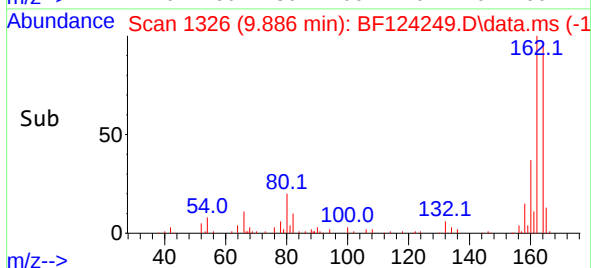
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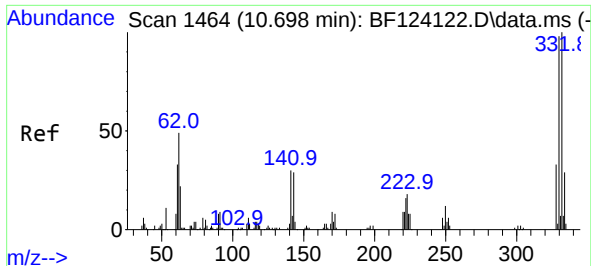


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09



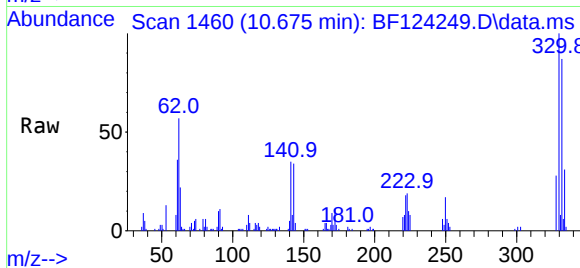
Tgt Ion: 164 Resp: 71060
Ion Ratio Lower Upper
164 100
162 101.2 80.7 121.1
160 37.8 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 36.474 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

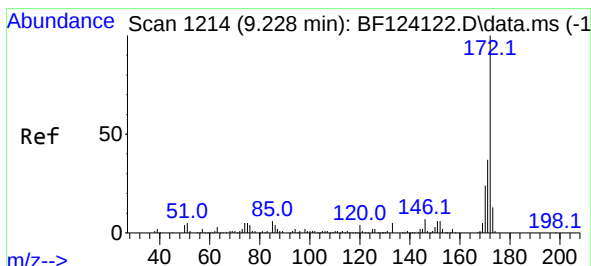
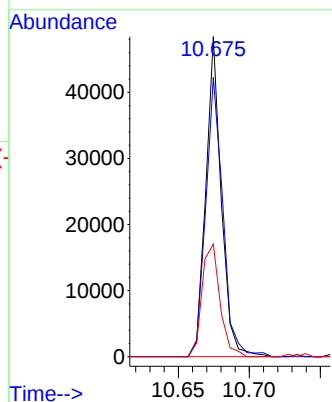
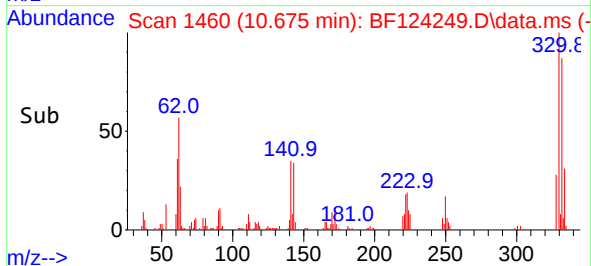
Instrument :
BNA_F
ClientSampled :
1894-1900



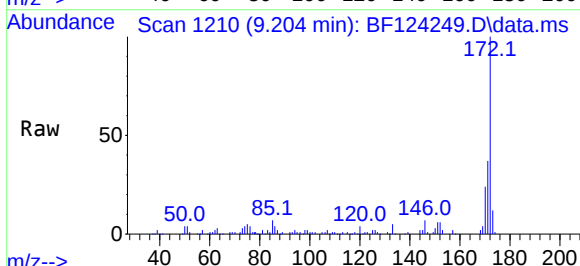
Tgt Ion:330 Resp: 36720
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 40.7 27.9 41.9

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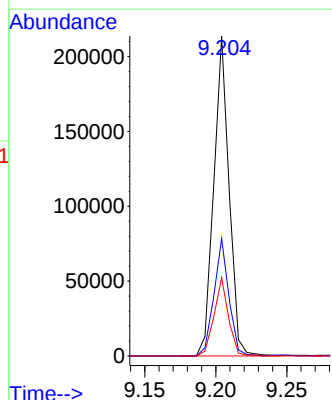
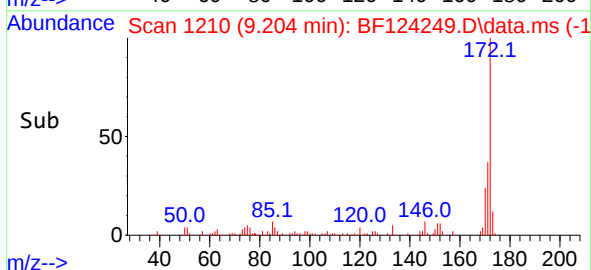
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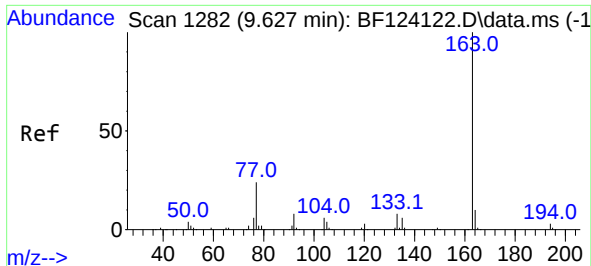


#45
2-Fluorobiphenyl
Concen: 28.340 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09



Tgt Ion:172 Resp: 160038
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 24.4 19.2 28.8





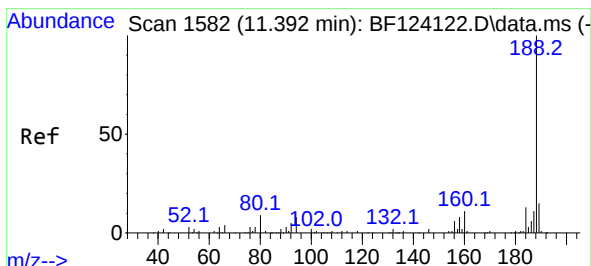
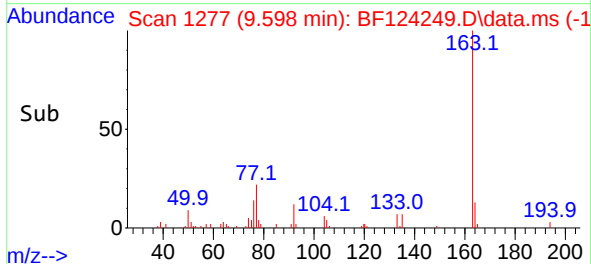
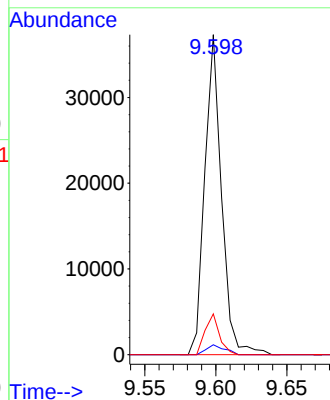
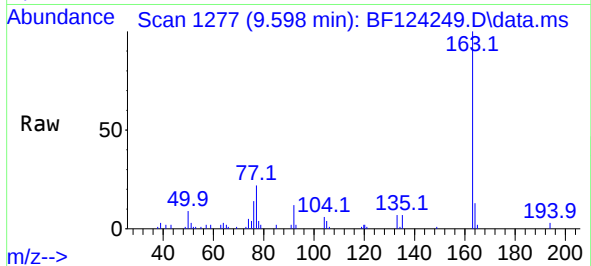
#50
Dimethylphthalate
Concen: 5.217 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.017 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

Tgt Ion:163 Resp: 30669
Ion Ratio Lower Upper
163 100
194 3.1 3.1 4.7#
164 12.8 8.2 12.2#

Instrument :
BNA_F
ClientSampleId :
1894-1900

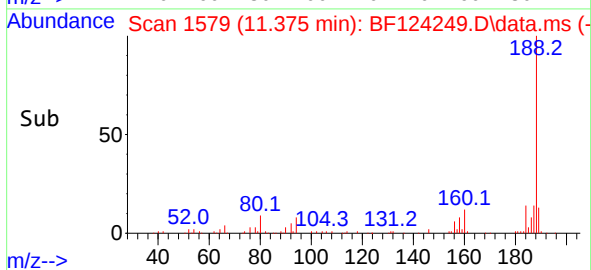
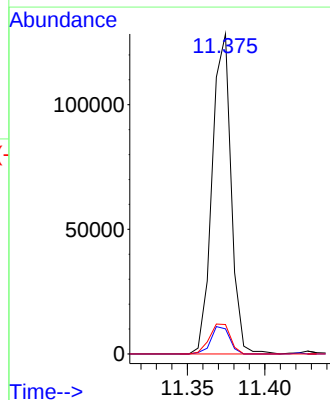
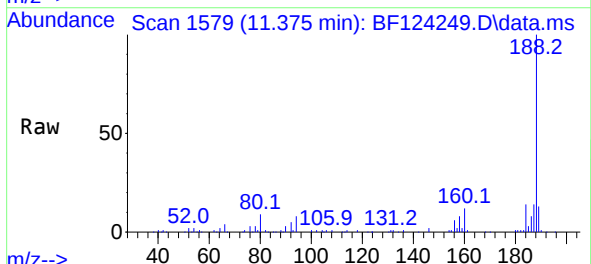
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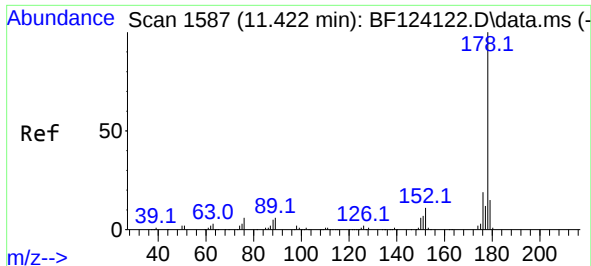
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

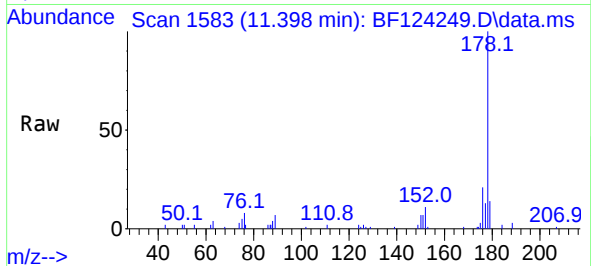
Tgt Ion:188 Resp: 109254
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.2 8.2 12.2





#71
Phenanthrene
Concen: 4.038 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

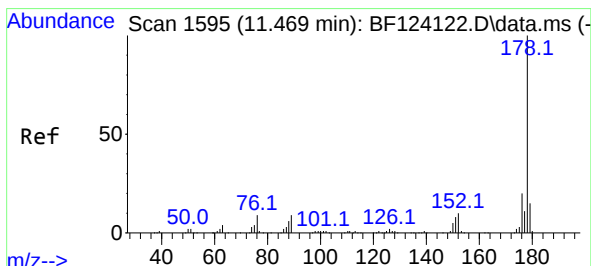
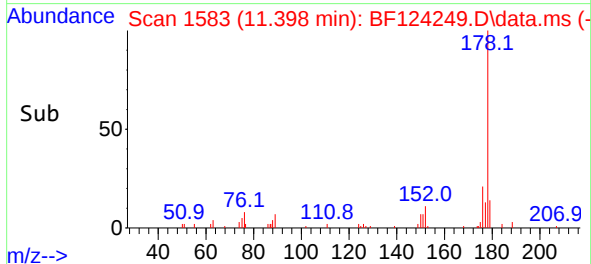
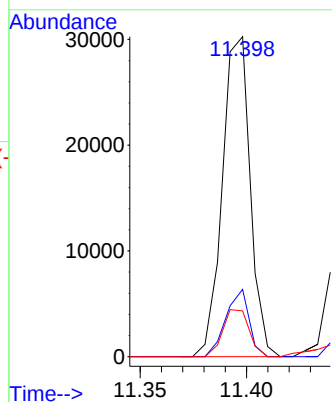
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ClientSampled :
1894-1900



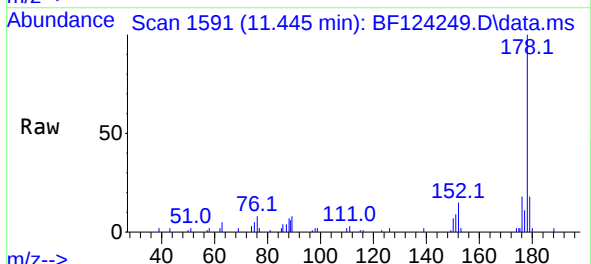
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Ion Ratio Lower Upper
178 100
176 21.1 15.6 23.4
179 14.3 12.5 18.7

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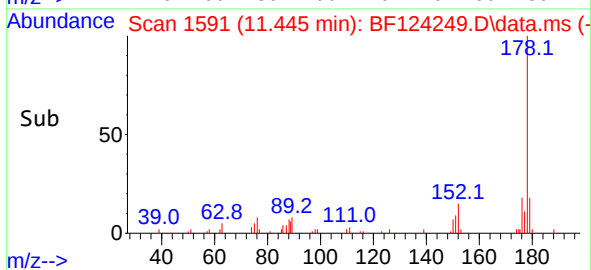
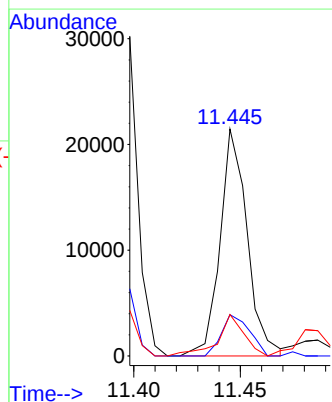
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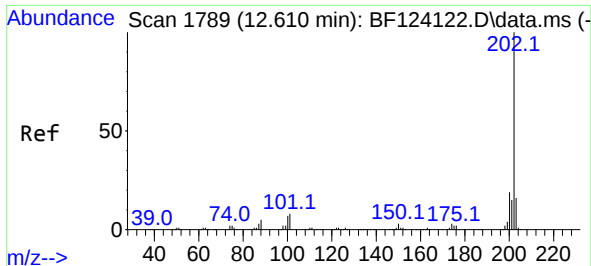


#72
Anthracene
Concen: 2.766 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

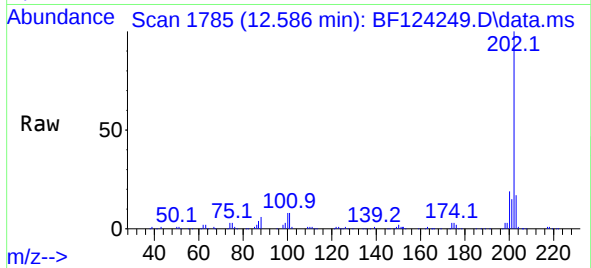


Tgt Ion:178 Resp: 19014
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 18.3 12.6 18.8

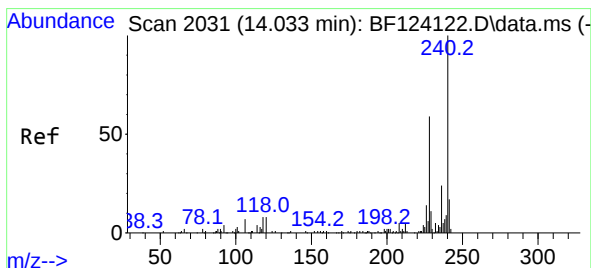
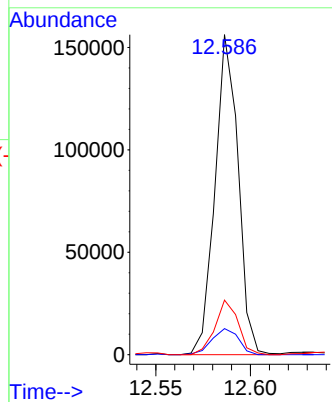
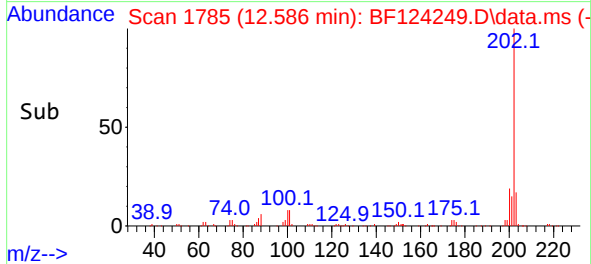




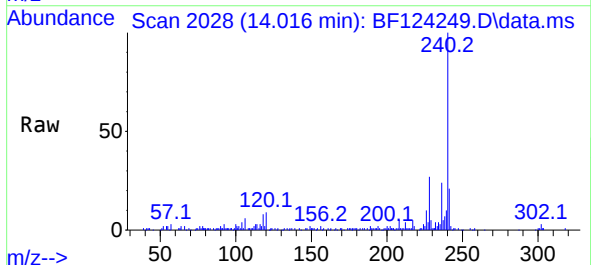
#75
Fluoranthene
Concen: 18.573 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09



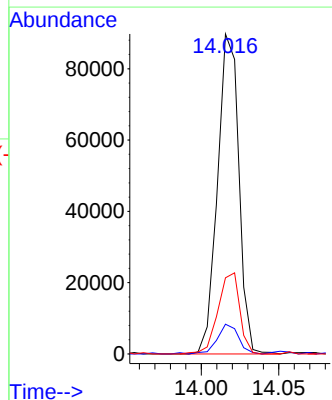
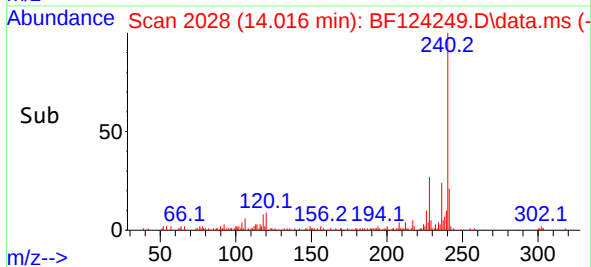
Tgt Ion: 202 Resp: 133055
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.9
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09



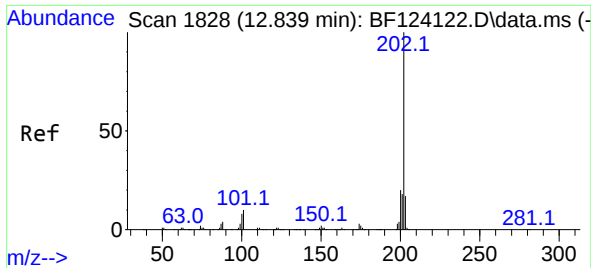
Tgt Ion: 240 Resp: 85907
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 23.8 19.0 28.4



Instrument :
BNA_F
ClientSampleId :
1894-1900

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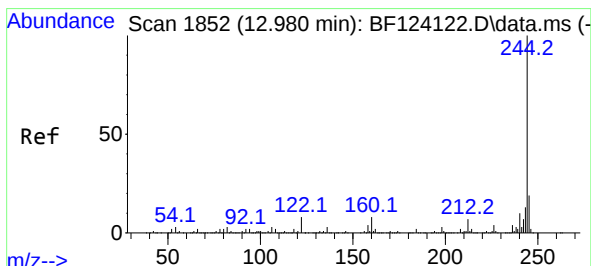
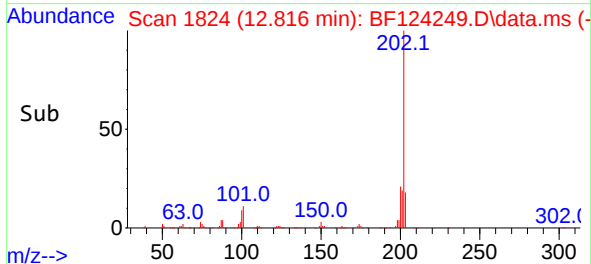
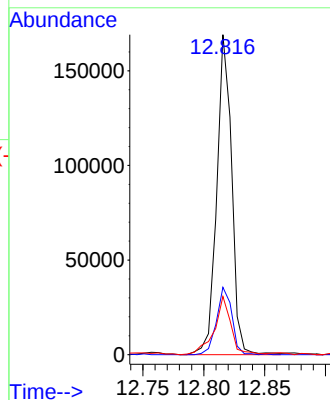
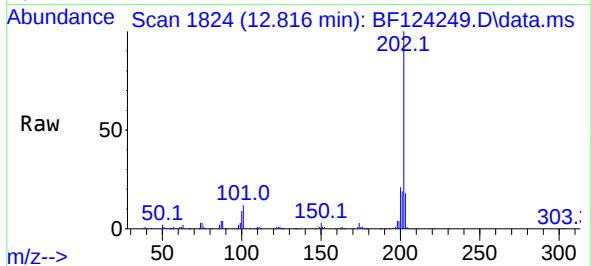
#78
Pyrene
Concen: 17.552 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

Tgt Ion:	202	Resp:	144789
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.1	24.1
203	18.2	14.8	22.2

Instrument :
BNA_F
ClientSampleId :
1894-1900

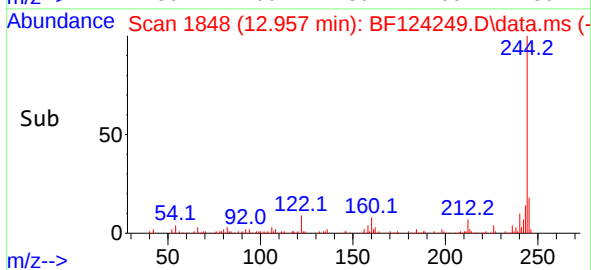
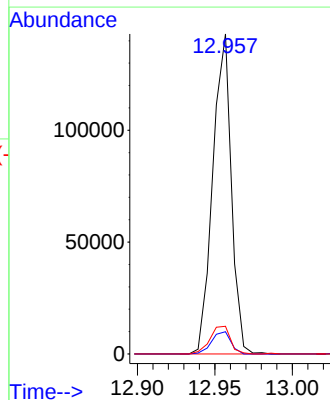
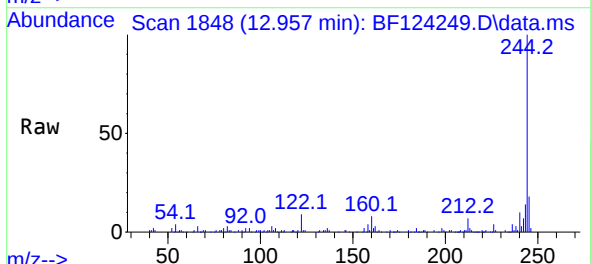
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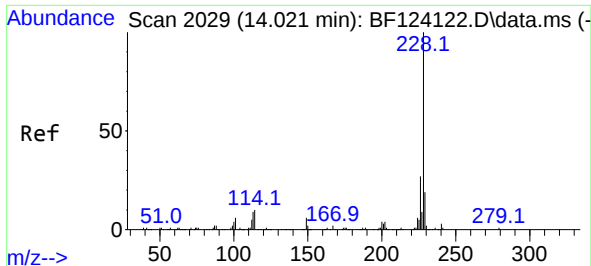
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#79
Terphenyl-d14
Concen: 19.020 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

Tgt Ion:	244	Resp:	119011
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.7	8.5
122	8.7	9.7	14.5





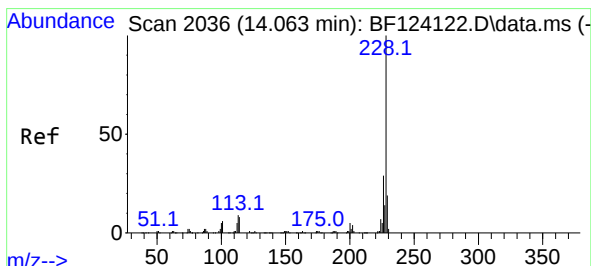
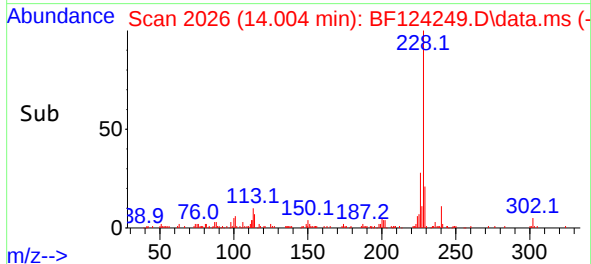
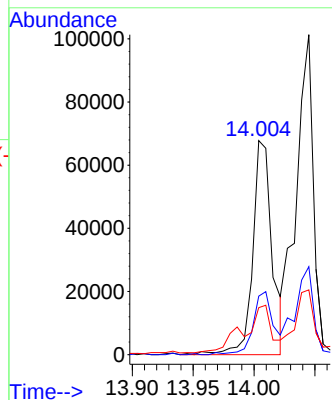
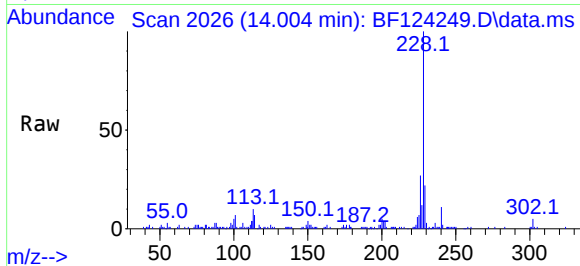
#81
Benzo(a)anthracene
Concen: 12.011 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

Tgt Ion:	228	Resp:	75165
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	22.0	16.0	24.0

Instrument :
BNA_F
ClientSampled :
1894-1900

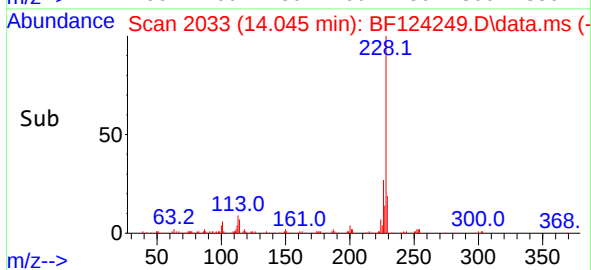
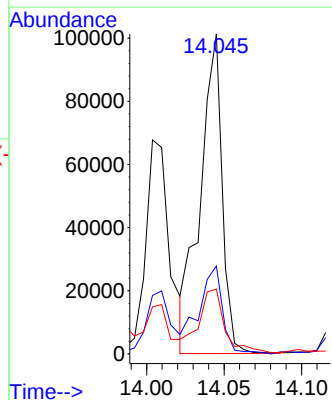
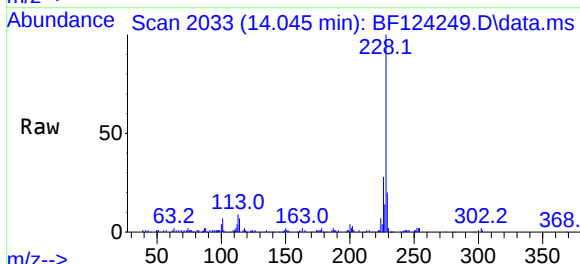
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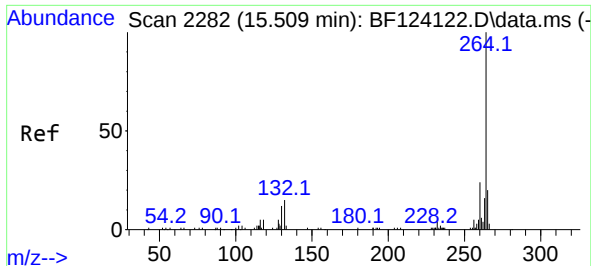
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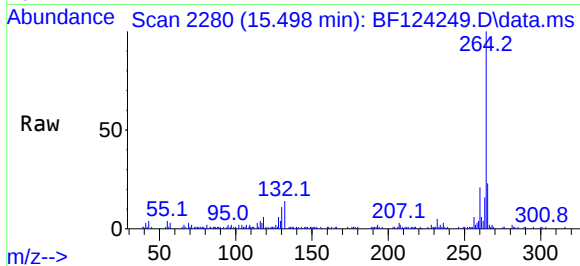
#83
Chrysene
Concen: 16.513 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

Tgt Ion:	228	Resp:	99709
Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.3	36.5
229	20.3	16.2	24.2

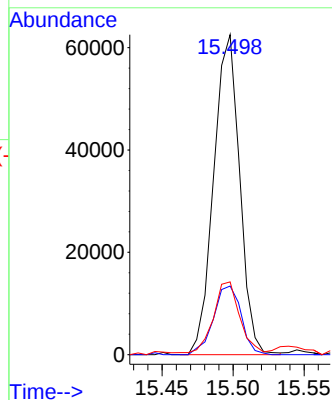
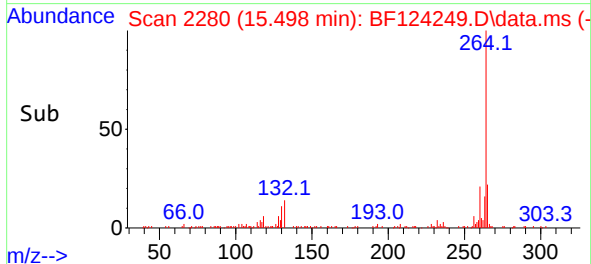




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09



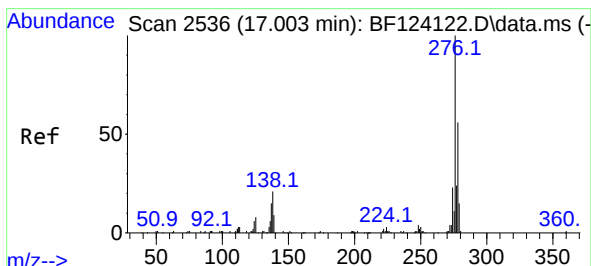
Tgt Ion: 264 Resp: 79519
Ion Ratio Lower Upper
264 100
260 21.5 18.7 28.1
265 22.8 17.8 26.8



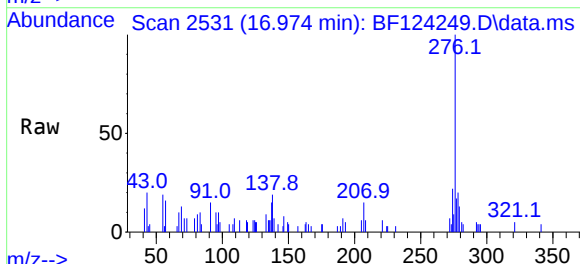
Instrument :
BNA_F
ClientSampleId :
1894-1900

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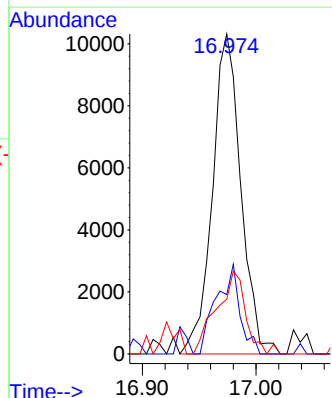
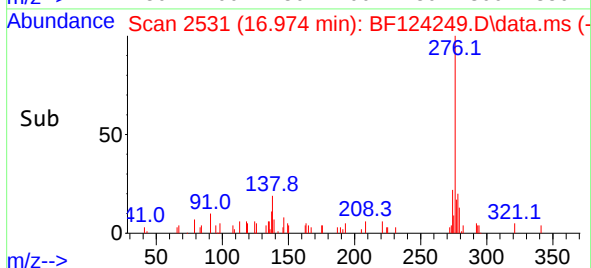
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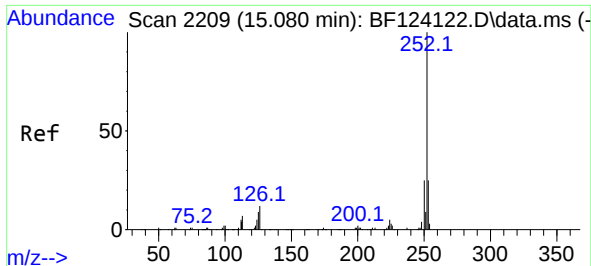


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.807 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09



Tgt Ion: 276 Resp: 17982
Ion Ratio Lower Upper
276 100
138 23.2 16.2 24.2
277 26.4 20.1 30.1





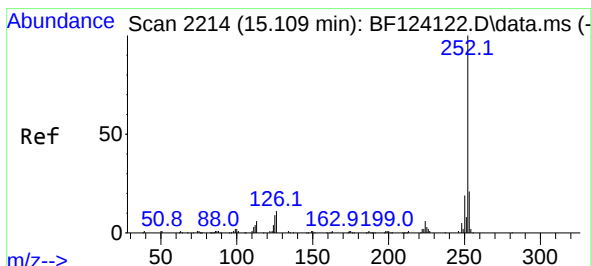
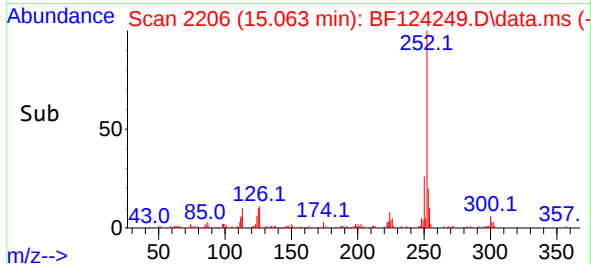
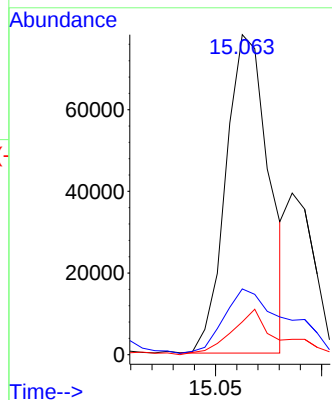
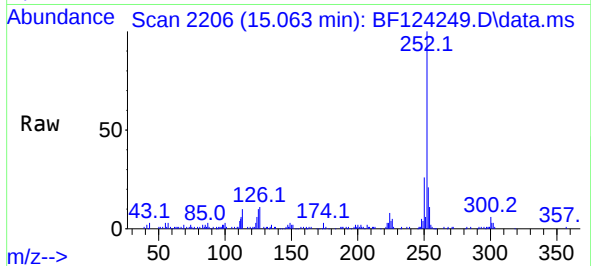
#88
Benzo(b)fluoranthene
Concen: 17.823 ng m
RT: 15.063 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

Tgt Ion:252 Resp: 110093
Ion Ratio Lower Upper
252 100
253 20.5 18.1 27.1
125 10.3 6.2 9.4#

Instrument :
BNA_F
ClientSampled :
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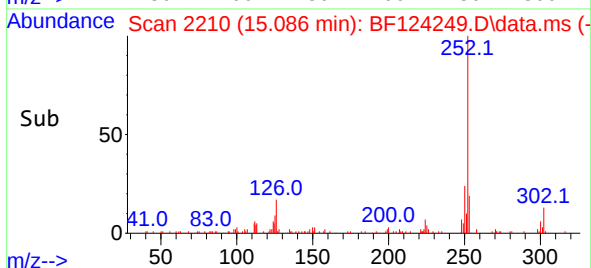
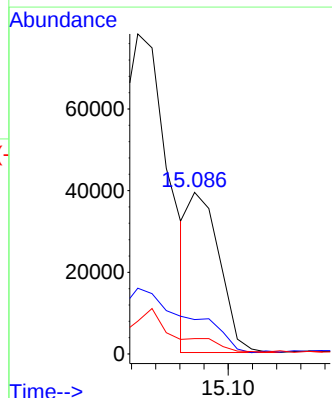
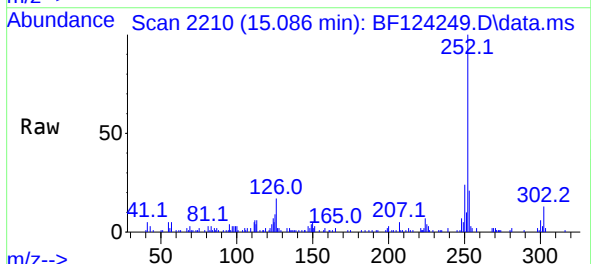
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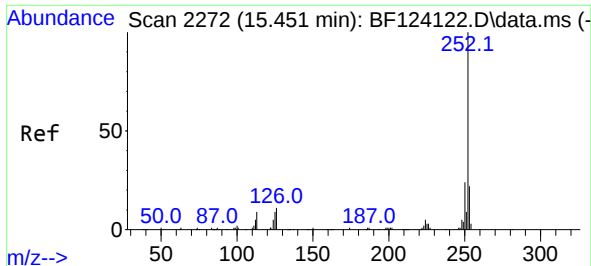
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#89
Benzo(k)fluoranthene
Concen: 5.937 ng m
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

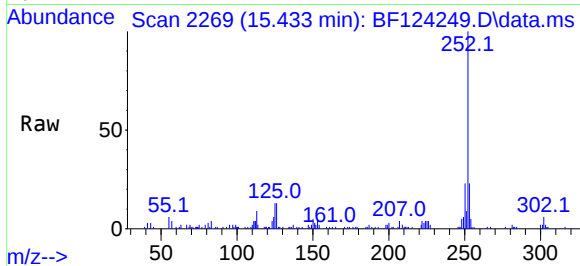
Tgt Ion:252 Resp: 34719
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 9.5 7.0 10.6





#90
Benzo(a)pyrene
Concen: 9.790 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

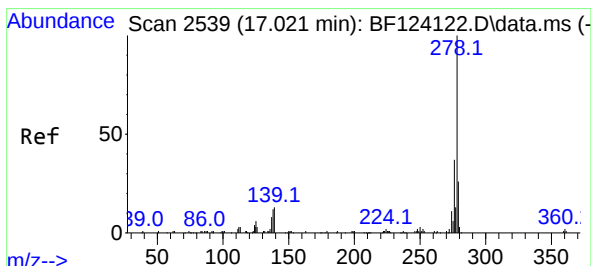
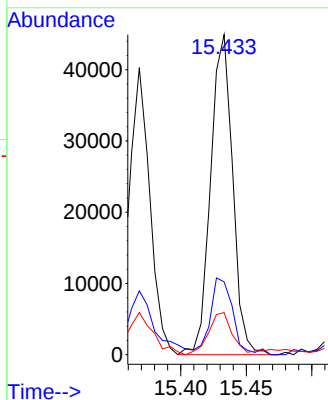
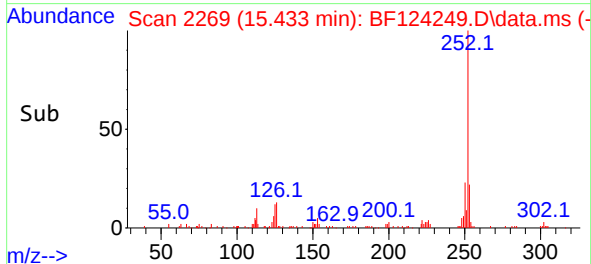
Instrument :
BNA_F
ClientSampled :
1894-1900



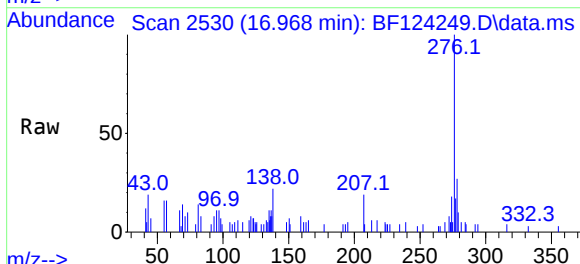
Tgt Ion:252 Resp: 52524
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 13.2 8.0 12.0#

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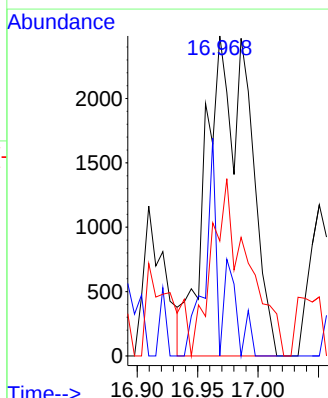
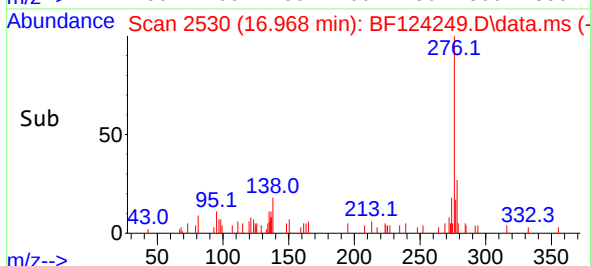
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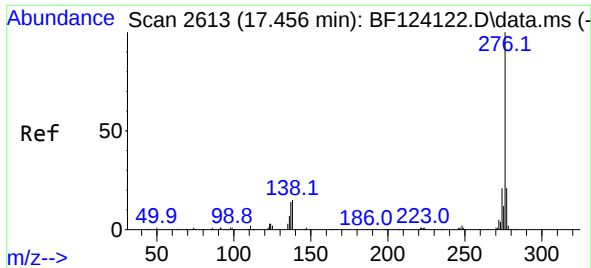


#91
Dibenzo(a,h)anthracene
Concen: 5.188 ng m
RT: 16.968 min Scan# 2530
Delta R.T. -0.023 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09

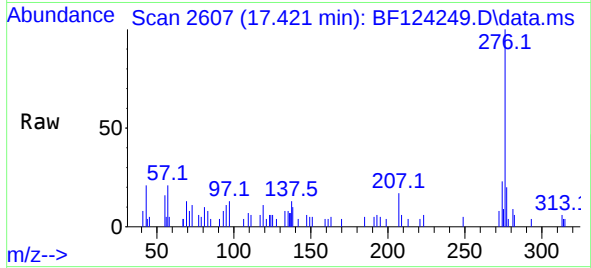


Tgt Ion:278 Resp: 6269
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 35.9 19.4 29.0#

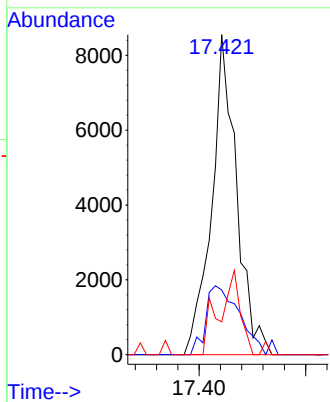
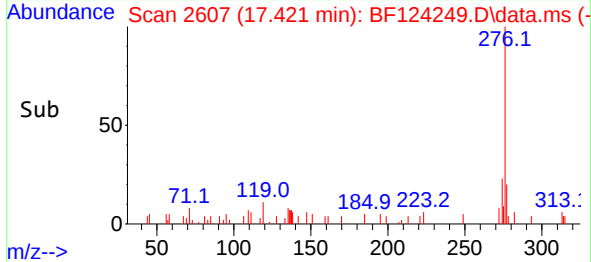




#92
Benzo(g,h,i)perylene
Concen: 6.097 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.012 min
Lab File: BF124249.D
Acq: 11 Jun 2021 00:09



Tgt Ion:	276	Resp:	13863
Ion Ratio	Lower	Upper	
276	100		
277	20.2	18.2	27.2
138	10.2	13.8	20.6#



Instrument :
BNA_F
ClientSampleId :
1894-1900

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