

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124145.D
 Acq On : 4 Jun 2021 18:06
 Operator : JU/CG
 Sample : M2597-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124019

Manual Integrations
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Quant Time: Jun 04 22:51:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	33875	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	111533	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	54105	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	91018	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	73978	20.00	ng	0.00
86) Perylene-d12	15.515	264	52768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	212473	94.42	ng	0.00
7) Phenol-d6	6.504	99	252364	83.43	ng	0.00
23) Nitrobenzene-d5	7.428	82	184608	65.65	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	64195	83.75	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	281365	65.44	ng	0.00
79) Terphenyl-d14	12.980	244	284629	52.82	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	15969	2.81	ng	# 96
75) Fluoranthene	12.604	202	29828	5.00	ng	94
78) Pyrene	12.833	202	28090	3.95	ng	97
81) Benzo(a)anthracene	14.021	228	13904m	2.58	ng	
83) Chrysene	14.057	228	16629	3.20	ng	97
87) Indeno(1,2,3-cd)pyrene	17.003	276	6005	5.58	ng	# 87
88) Benzo(b)fluoranthene	15.080	252	16514m	4.03	ng	
90) Benzo(a)pyrene	15.451	252	10279	2.89	ng	# 89
92) Benzo(g,h,i)perylene	17.456	276	5177	5.10	ng	# 63

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

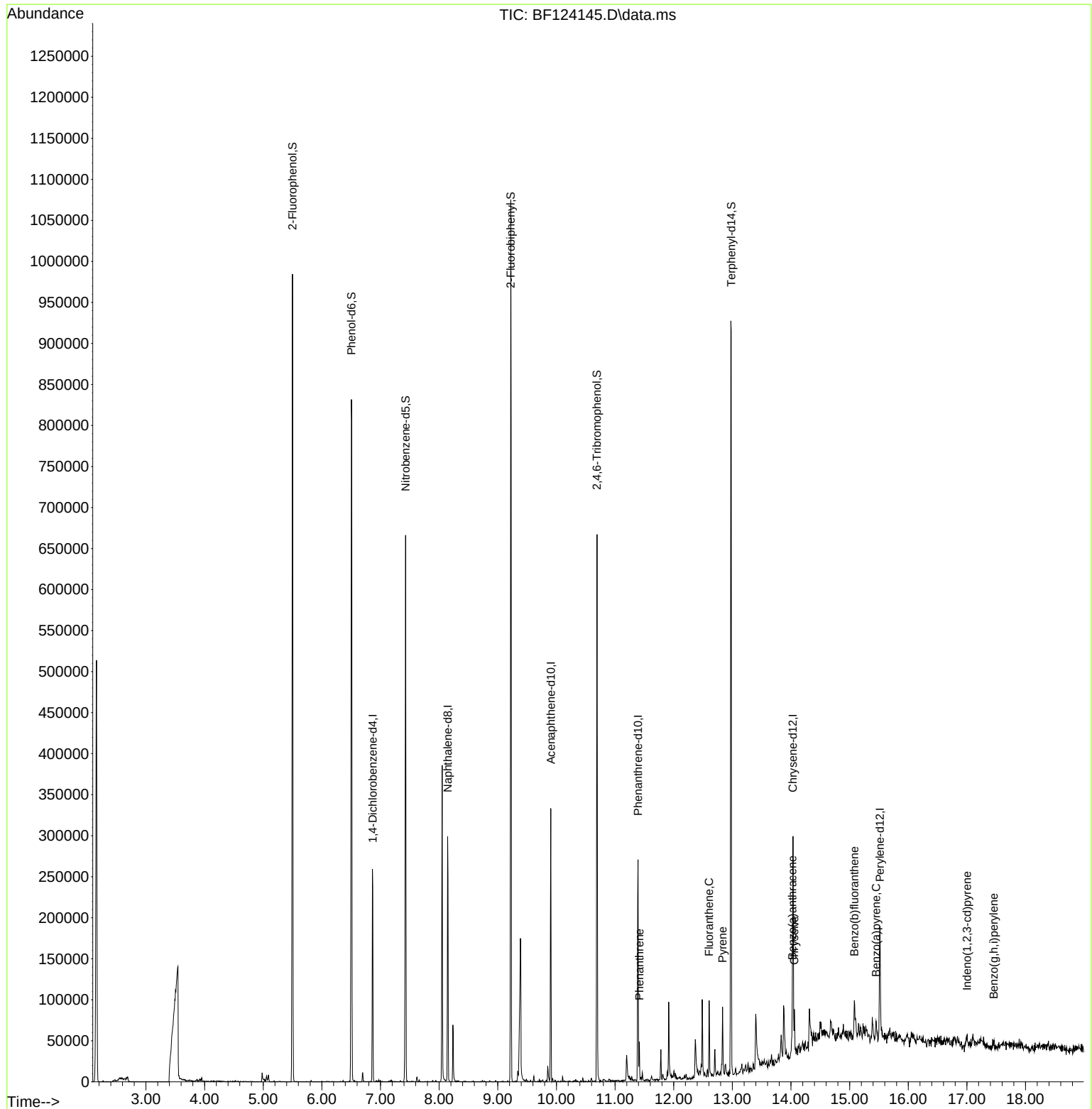
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124145.D
Acq On : 4 Jun 2021 18:06
Operator : JU/CG
Sample : M2597-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

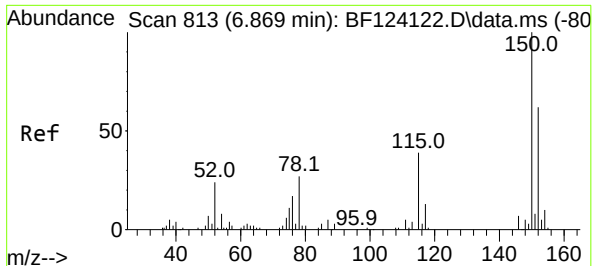
Instrument :
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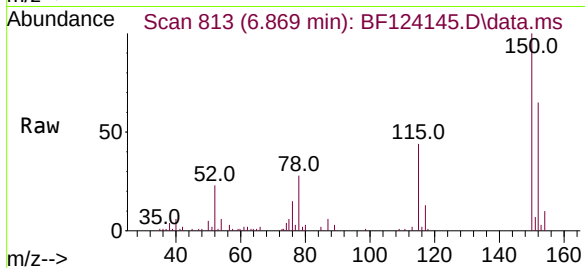
Quant Time: Jun 04 22:51:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 04 09:56:24 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06

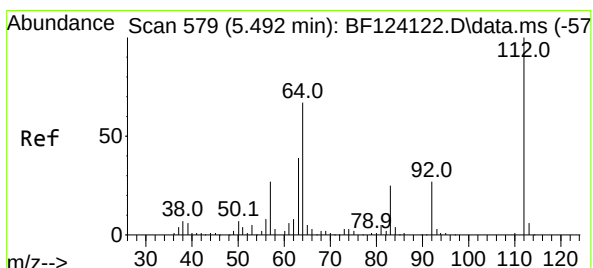
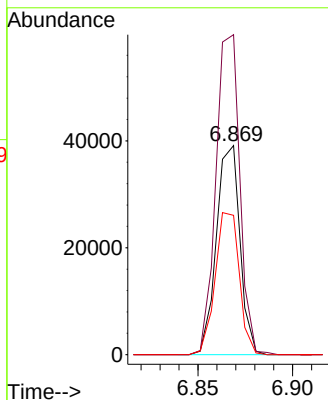
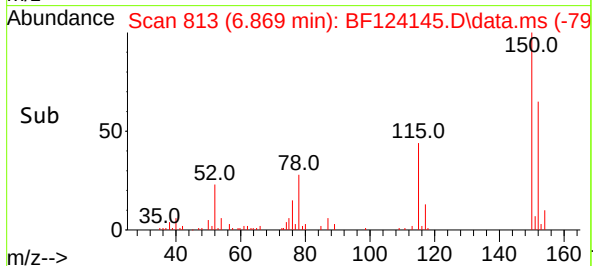
Instrument :
BNA_F
ClientSampleId :
124019



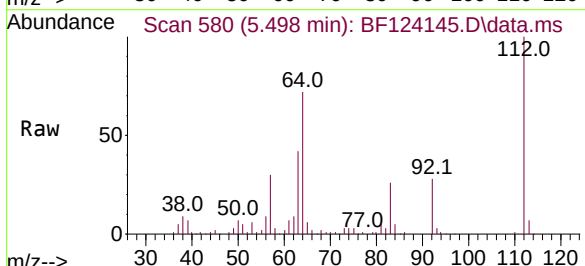
Tgt Ion:152 Resp: 33875
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.6
115 66.6 54.3 81.5

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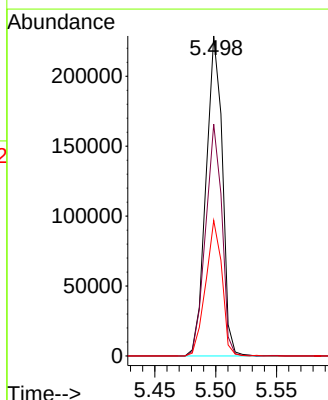
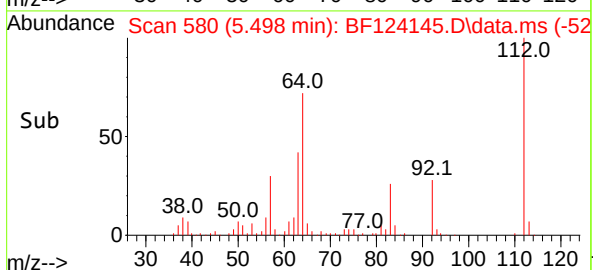
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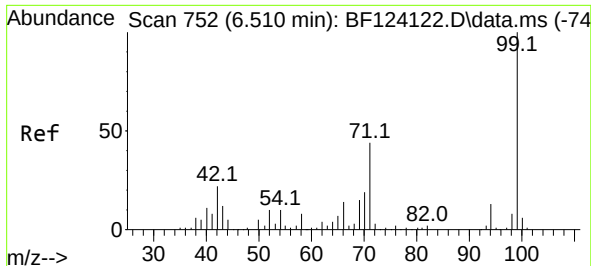


#5
2-Fluorophenol
Concen: 94.42 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06

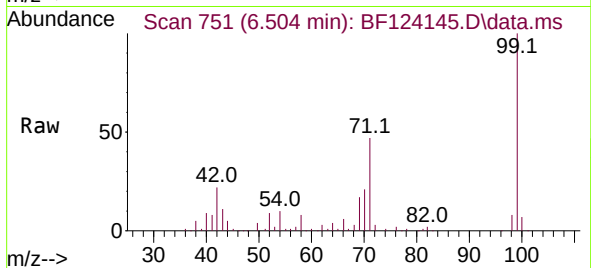


Tgt Ion:112 Resp: 212473
Ion Ratio Lower Upper
112 100
64 72.5 61.4 92.0
63 42.4 33.0 49.4

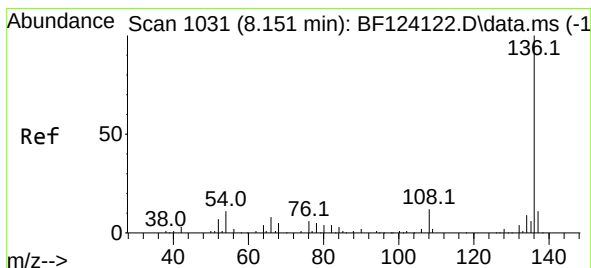
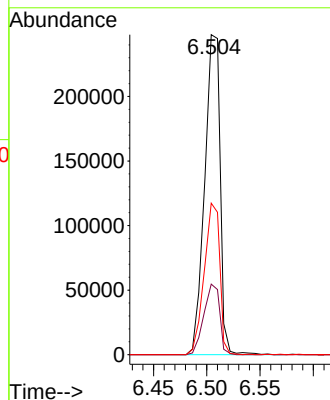
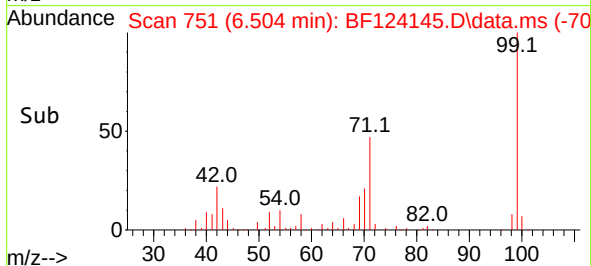




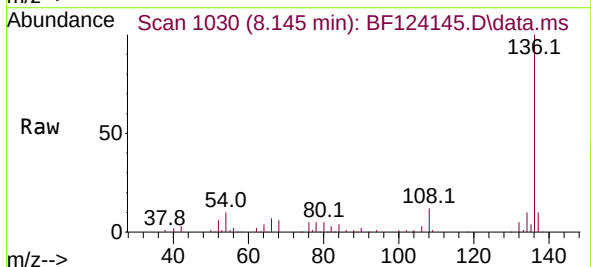
#7
Phenol-d6
Concen: 83.43 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06



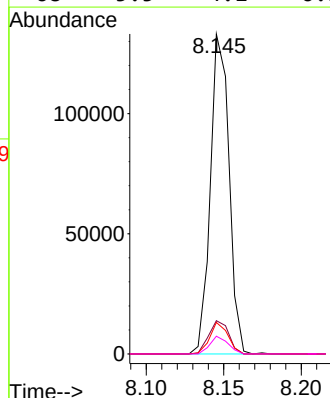
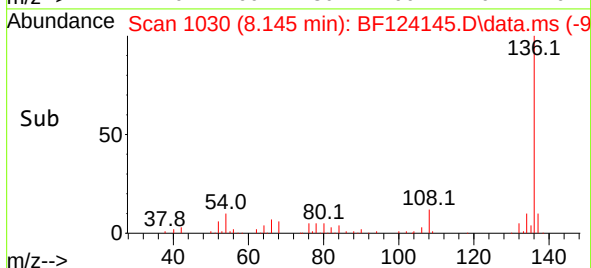
Tgt Ion: 99 Resp: 252364
Ion Ratio Lower Upper
99 100
42 22.1 19.8 29.8
71 47.4 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06



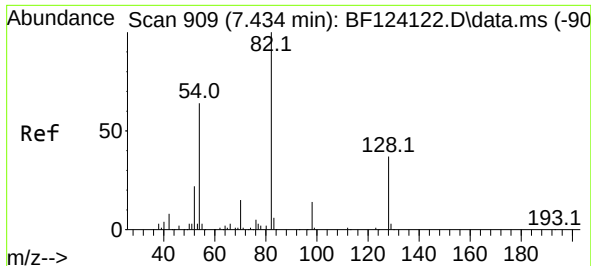
Tgt Ion: 136 Resp: 111533
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 9.8 9.8 14.6
68 5.5 4.1 6.1



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#23

Nitrobenzene-d5

Concen: 65.65 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF124145.D

Acq: 4 Jun 2021 18:06

Tgt Ion: 82 Resp: 184608

Ion Ratio Lower Upper

82 100

128 37.5 29.4 44.2

54 59.3 54.1 81.1

Instrument :

BNA_F

ClientSampleId :

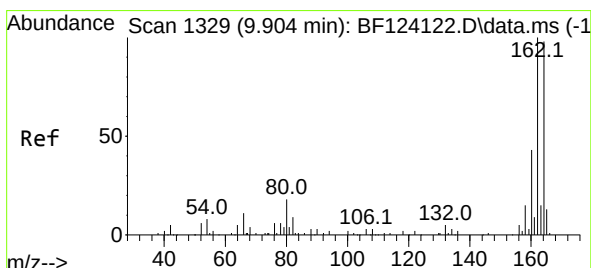
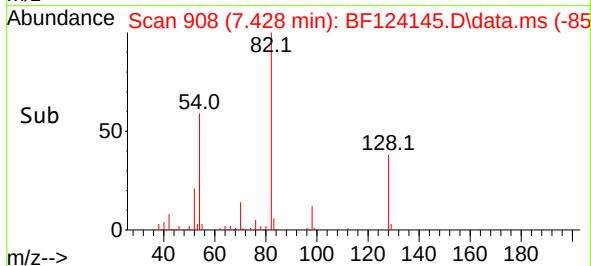
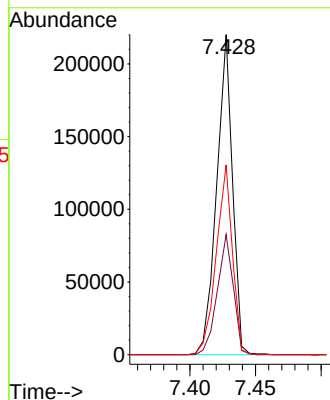
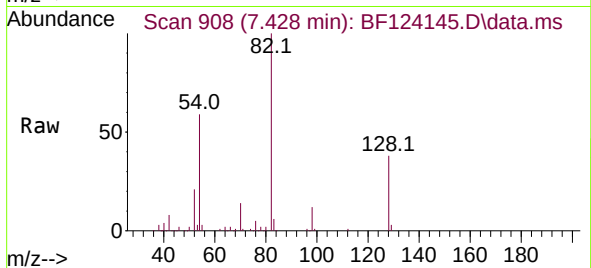
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF124145.D

Acq: 4 Jun 2021 18:06

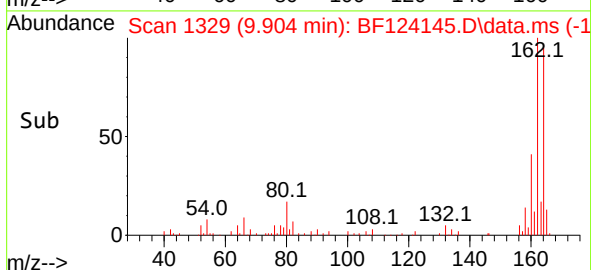
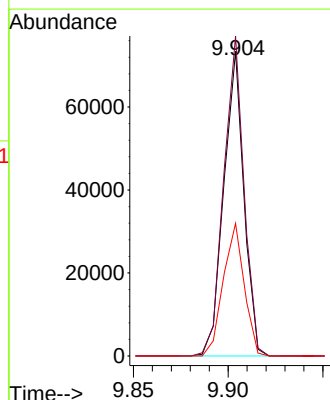
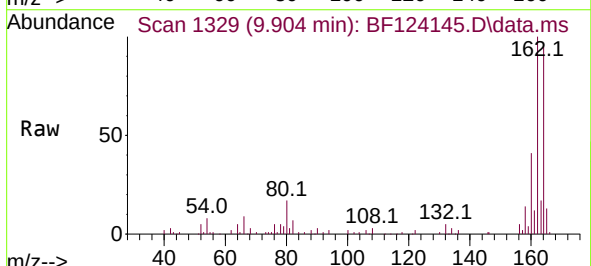
Tgt Ion:164 Resp: 54105

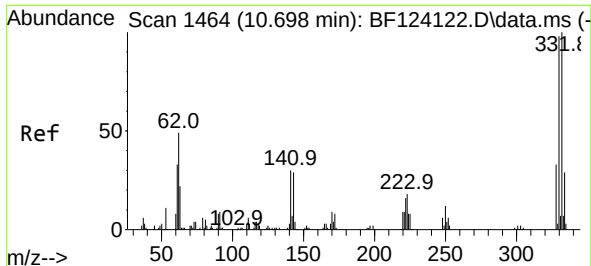
Ion Ratio Lower Upper

164 100

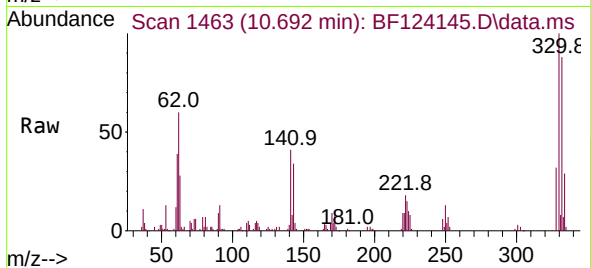
162 105.0 80.7 121.1

160 43.5 37.3 55.9

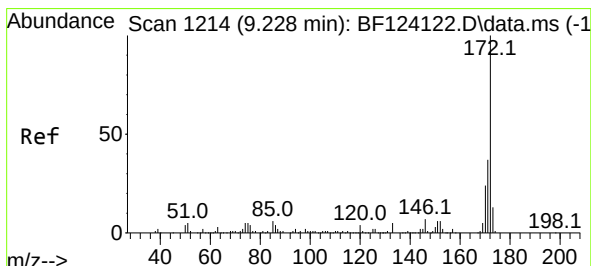
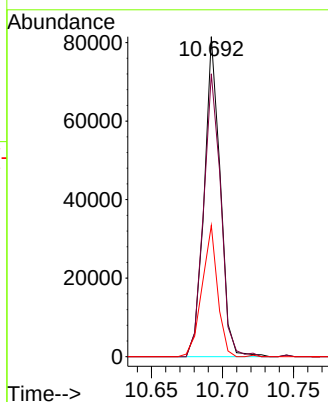
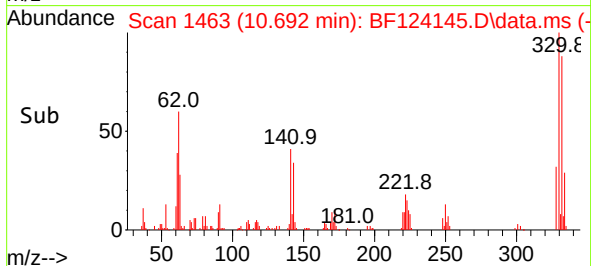




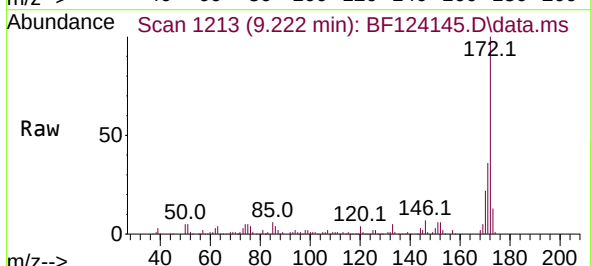
#42
2,4,6-Tribromophenol
Concen: 83.75 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06



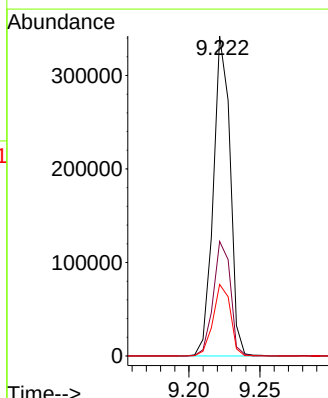
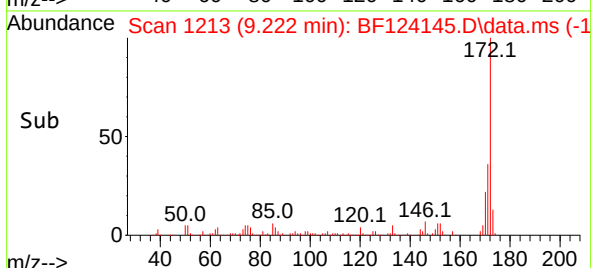
Tgt Ion: 330 Resp: 64195
Ion Ratio Lower Upper
330 100
332 94.3 77.1 115.7
141 39.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 65.44 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06



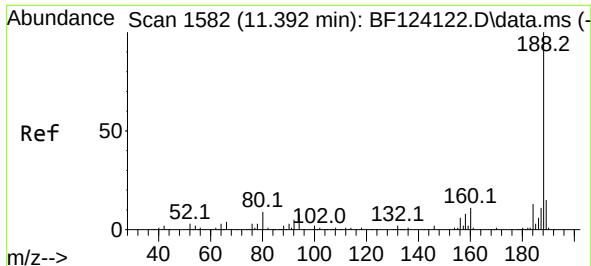
Tgt Ion: 172 Resp: 281365
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 22.3 19.2 28.8



Instrument :
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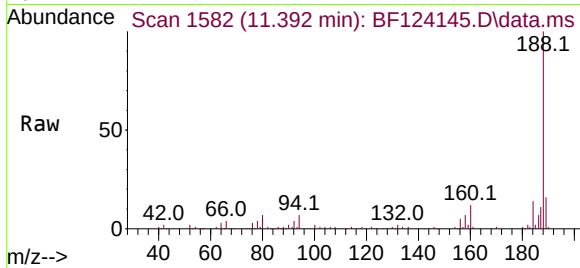
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06

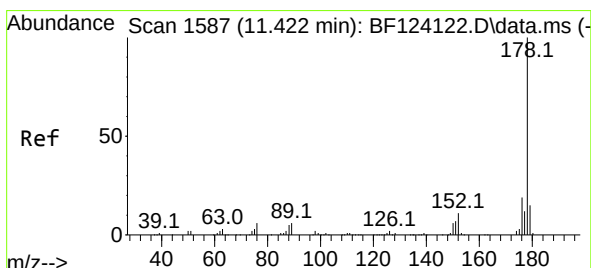
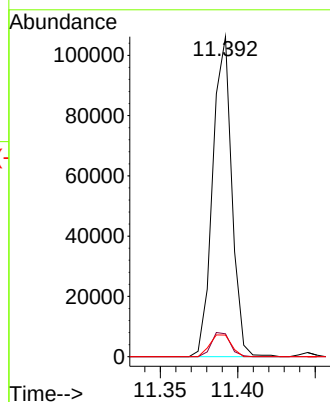
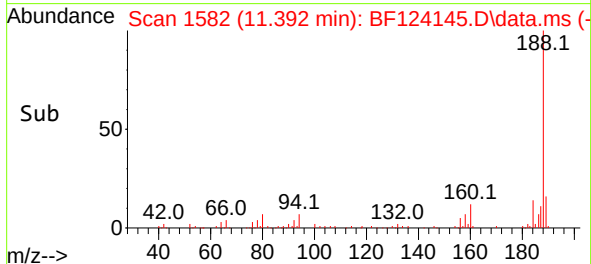
Instrument :
BNA_F
ClientSampled :
124019



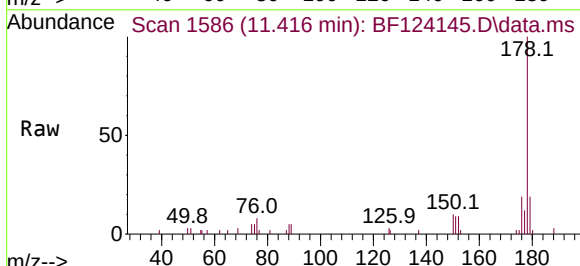
Tgt Ion:188 Resp: 91018
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 6.8 8.2 12.2#

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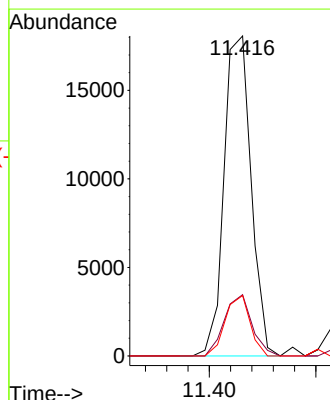
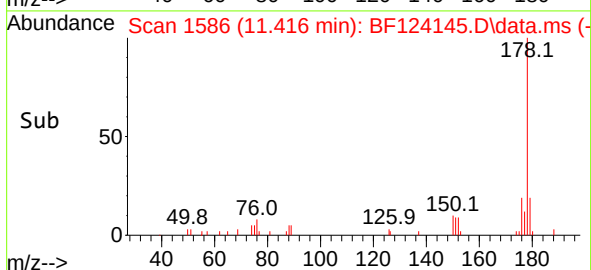
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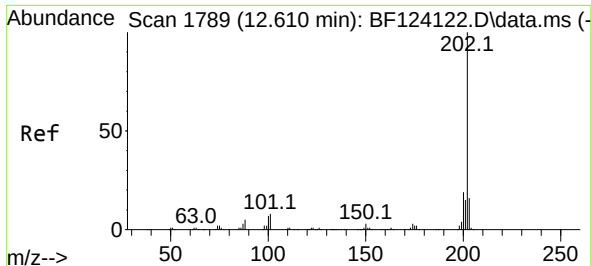


#71
Phenanthrene
Concen: 2.81 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06

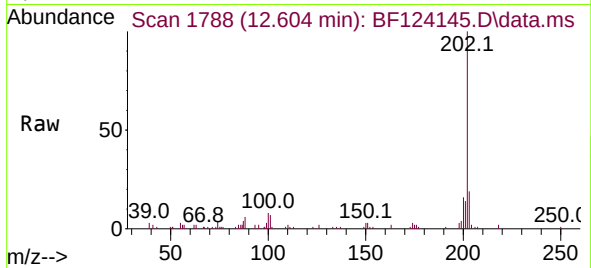


Tgt Ion:178 Resp: 15969
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 18.9 12.5 18.7#

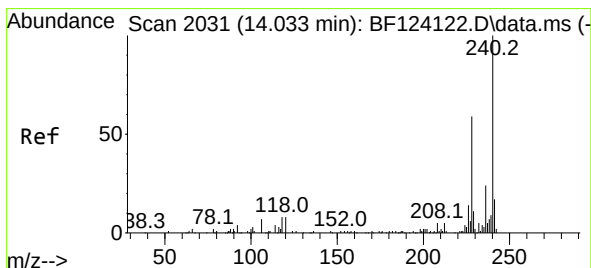
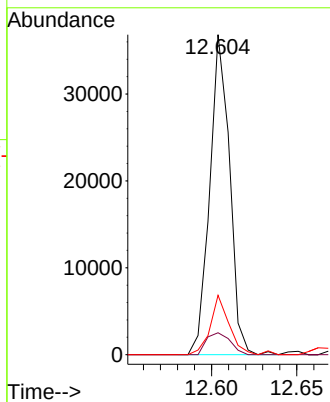
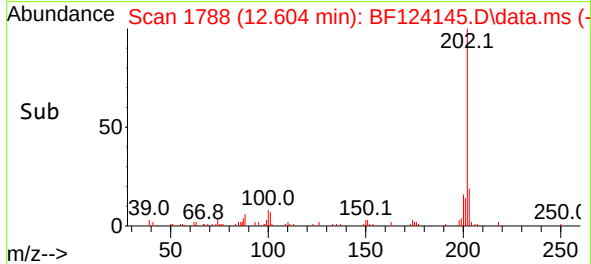




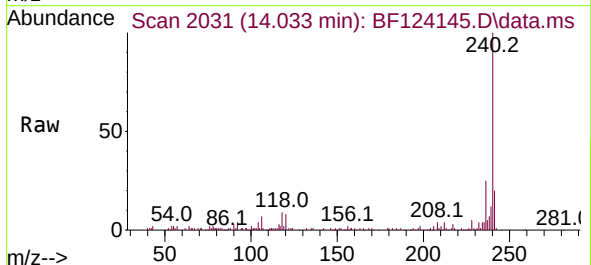
#75
Fluoranthene
Concen: 5.00 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06



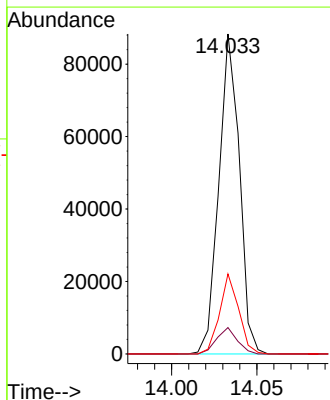
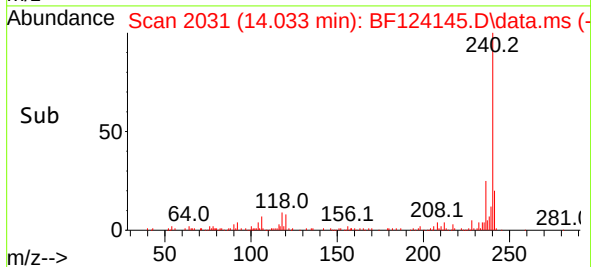
Tgt Ion:202 Resp: 29828
Ion Ratio Lower Upper
202 100
101 6.8 0.0 30.9
203 18.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06



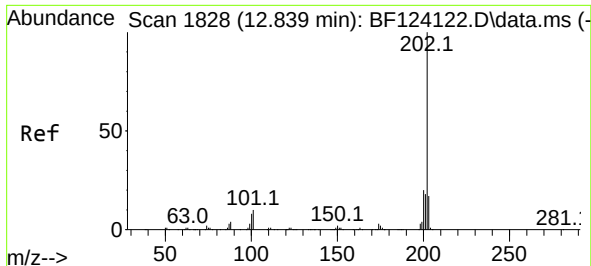
Tgt Ion:240 Resp: 73978
Ion Ratio Lower Upper
240 100
120 8.3 7.2 10.8
236 25.0 19.0 28.4



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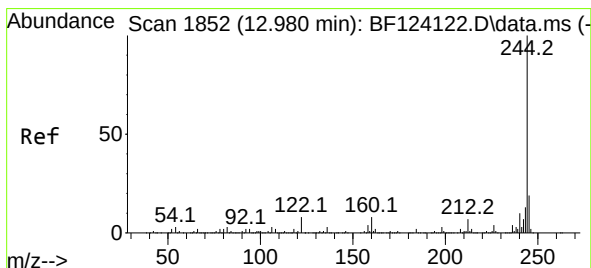
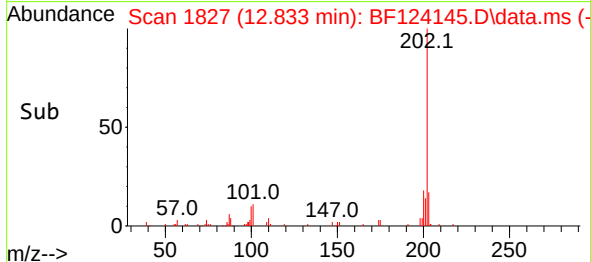
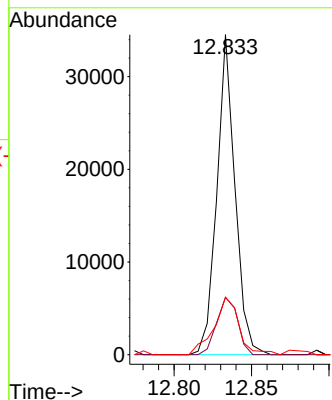
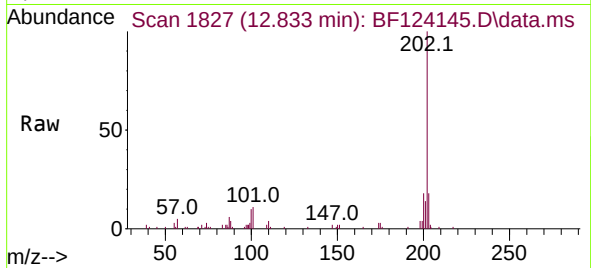
#78
Pyrene
Concen: 3.95 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06

Tgt Ion:202 Resp: 28090
Ion Ratio Lower Upper
202 100
200 18.0 16.1 24.1
203 17.9 14.8 22.2

Instrument :
BNA_F
ClientSampleId :
124019

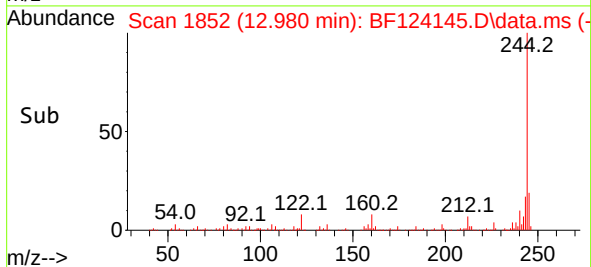
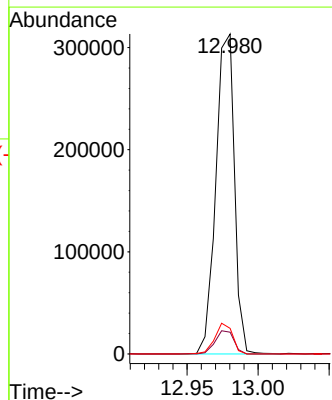
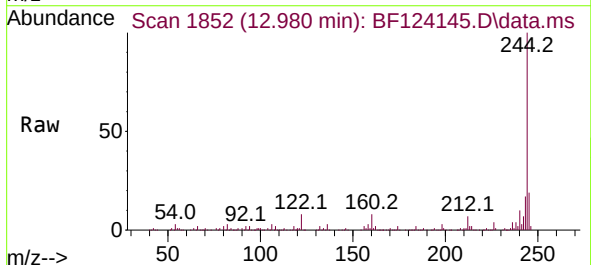
Manual Integrations
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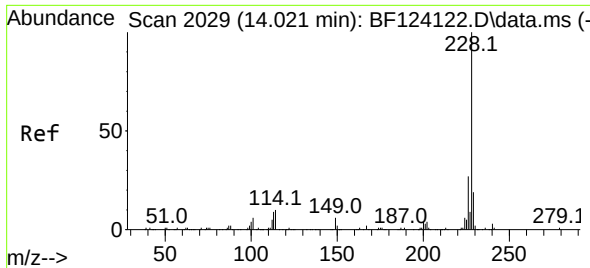
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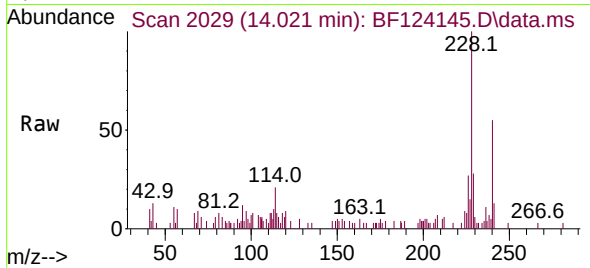
#79
Terphenyl-d14
Concen: 52.82 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06

Tgt Ion:244 Resp: 284629
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.0 9.7 14.5#

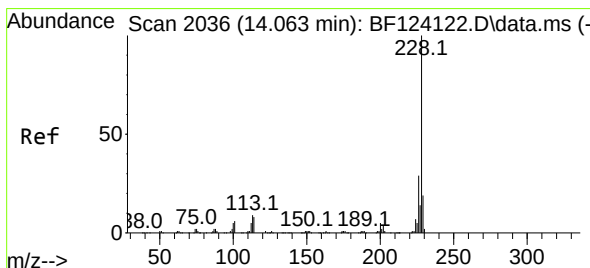
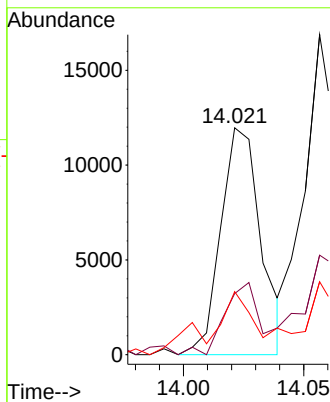
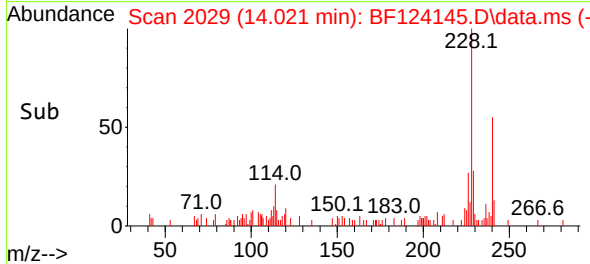




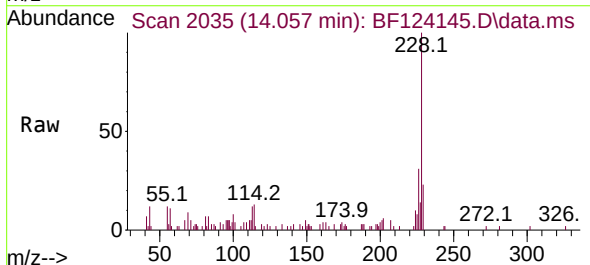
#81
Benzo(a)anthracene
Concen: 2.58 ng m
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06



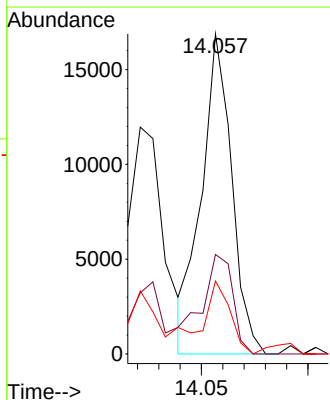
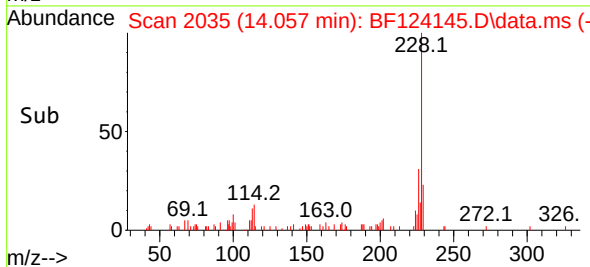
Tgt Ion:228 Resp: 13904
Ion Ratio Lower Upper
228 100
226 26.9 22.4 33.6
229 27.8 16.0 24.0#



#83
Chrysene
Concen: 3.20 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06



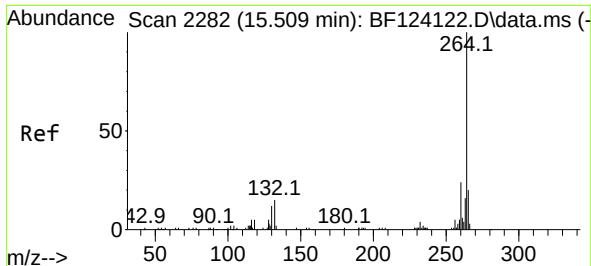
Tgt Ion:228 Resp: 16629
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 22.8 16.2 24.2



Instrument :
BNA_F
ClientSampleId :
124019

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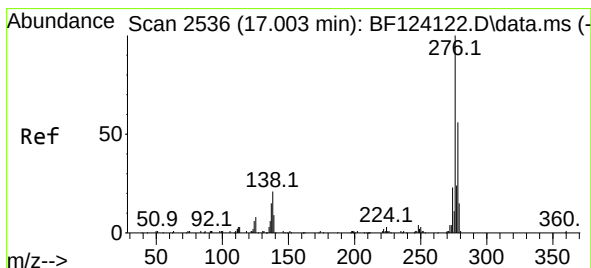
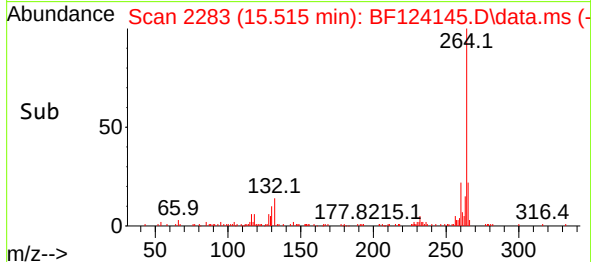
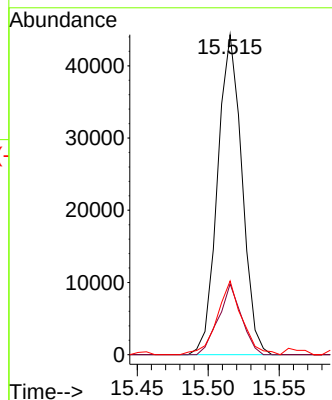
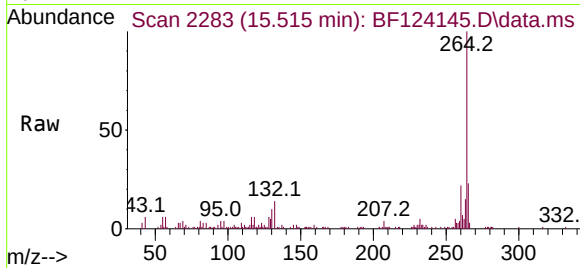
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06

Tgt Ion:264 Resp: 52768
Ion Ratio Lower Upper
264 100
260 22.1 18.7 28.1
265 23.0 17.8 26.8

Instrument :
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ClientSampleId :
124019

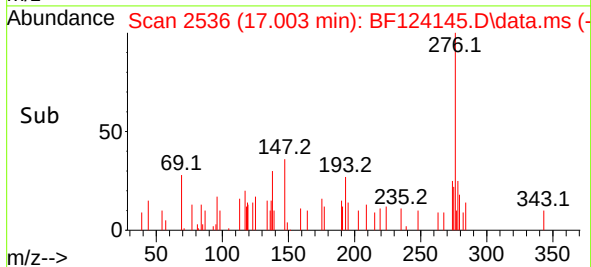
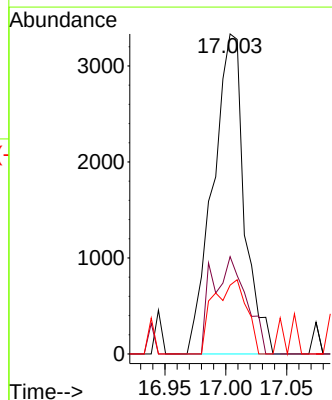
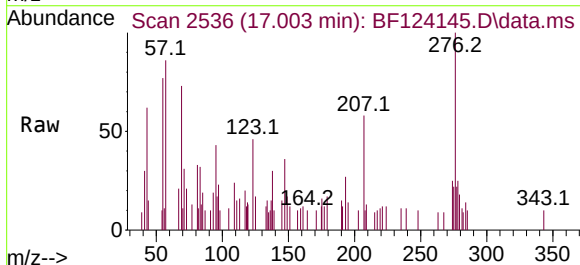
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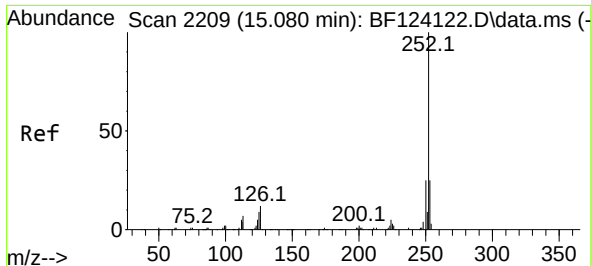
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.58 ng
RT: 17.003 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06

Tgt Ion:276 Resp: 6005
Ion Ratio Lower Upper
276 100
138 32.8 16.2 24.2#
277 24.3 20.1 30.1





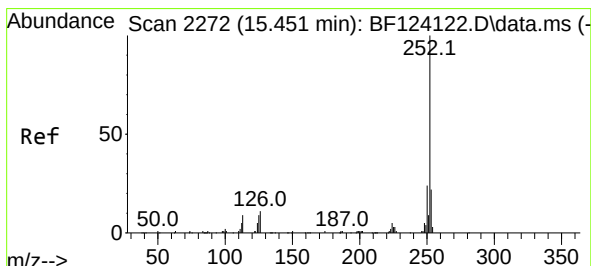
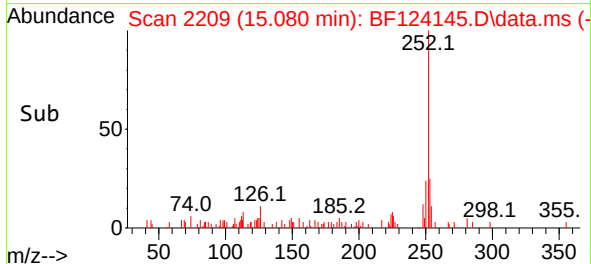
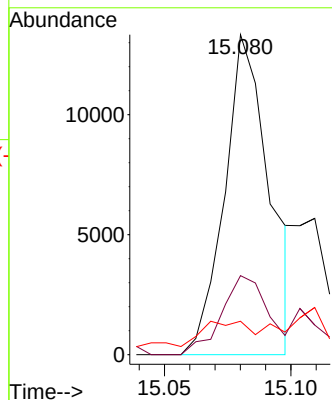
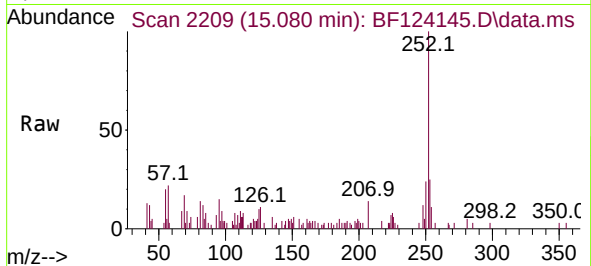
#88
Benzo(b)fluoranthene
Concen: 4.03 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06

Tgt Ion:252 Resp: 16514
Ion Ratio Lower Upper
252 100
253 24.7 18.1 27.1
125 10.5 6.2 9.4#

Instrument :
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ClientSampleId :
124019

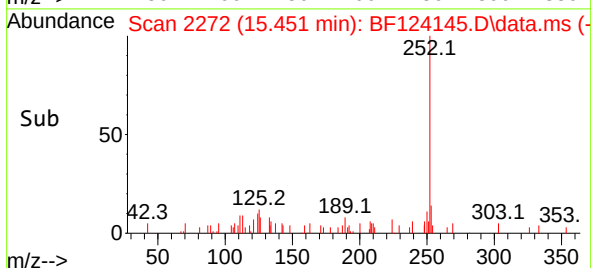
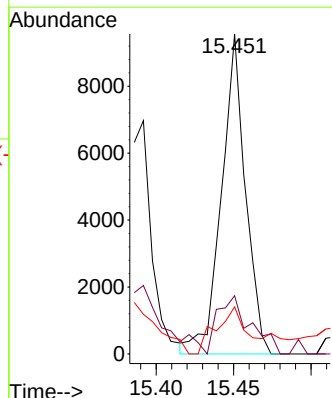
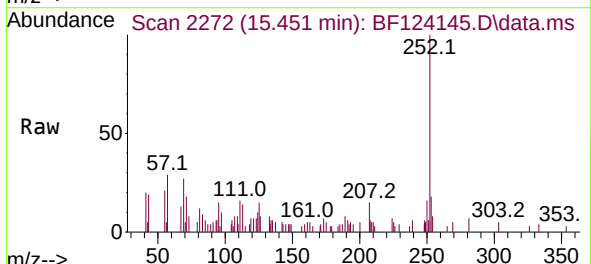
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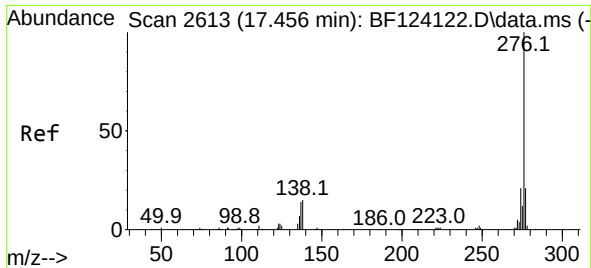
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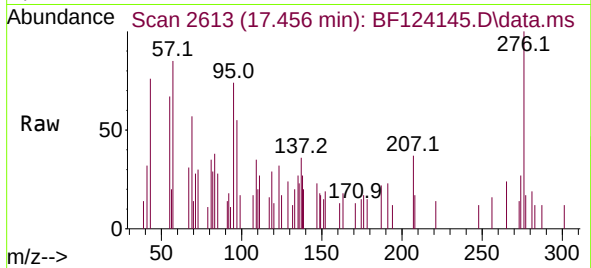
#90
Benzo(a)pyrene
Concen: 2.89 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06

Tgt Ion:252 Resp: 10279
Ion Ratio Lower Upper
252 100
253 18.2 18.4 27.6#
125 14.7 8.0 12.0#

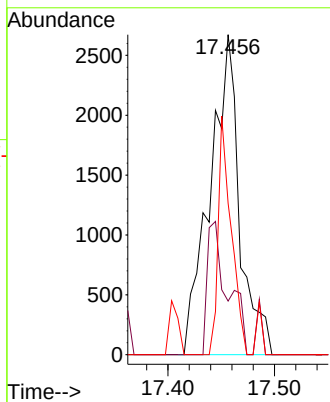
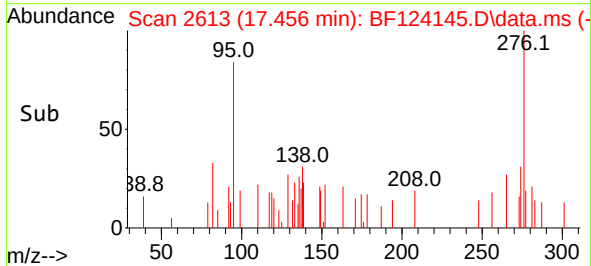




#92
Benzo(g,h,i)perylene
Concen: 5.10 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF124145.D
Acq: 4 Jun 2021 18:06



Tgt Ion: 276 Resp: 5177
Ion Ratio Lower Upper
276 100
277 16.8 18.2 27.2#
138 47.3 13.8 20.6#



Instrument :
BNA_F
ClientSampleId :
124019

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