

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124147.D
 Acq On : 4 Jun 2021 19:12
 Operator : JU/CG
 Sample : M2584-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-060221

Manual Integrations
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Quant Time: Jun 04 22:51:26 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	35952	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	130252	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	63917	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	106859	20.00	ng	0.00
76) Chrysene-d12	14.033	240	82113	20.00	ng	0.00
86) Perylene-d12	15.515	264	58189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	42863	17.95	ng	0.00
7) Phenol-d6	6.498	99	49668	15.47	ng	-0.01
23) Nitrobenzene-d5	7.422	82	37773	11.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	11749	12.97	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	63620	12.53	ng	0.00
79) Terphenyl-d14	12.974	244	60478	10.11	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	46128	6.91	ng	97
72) Anthracene	11.463	178	15105	2.25	ng	93
75) Fluoranthene	12.604	202	38210	5.45	ng	96
78) Pyrene	12.833	202	50396	6.39	ng	97
81) Benzo(a)anthracene	14.027	228	17809	2.98	ng	92
83) Chrysene	14.063	228	18017m	3.12	ng	
87) Indeno(1,2,3-cd)pyrene	16.998	276	5199	5.31	ng	# 87
88) Benzo(b)fluoranthene	15.080	252	13668m	3.02	ng	
90) Benzo(a)pyrene	15.457	252	11578	2.95	ng	# 95
92) Benzo(g,h,i)perylene	17.451	276	5714m	5.10	ng	

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

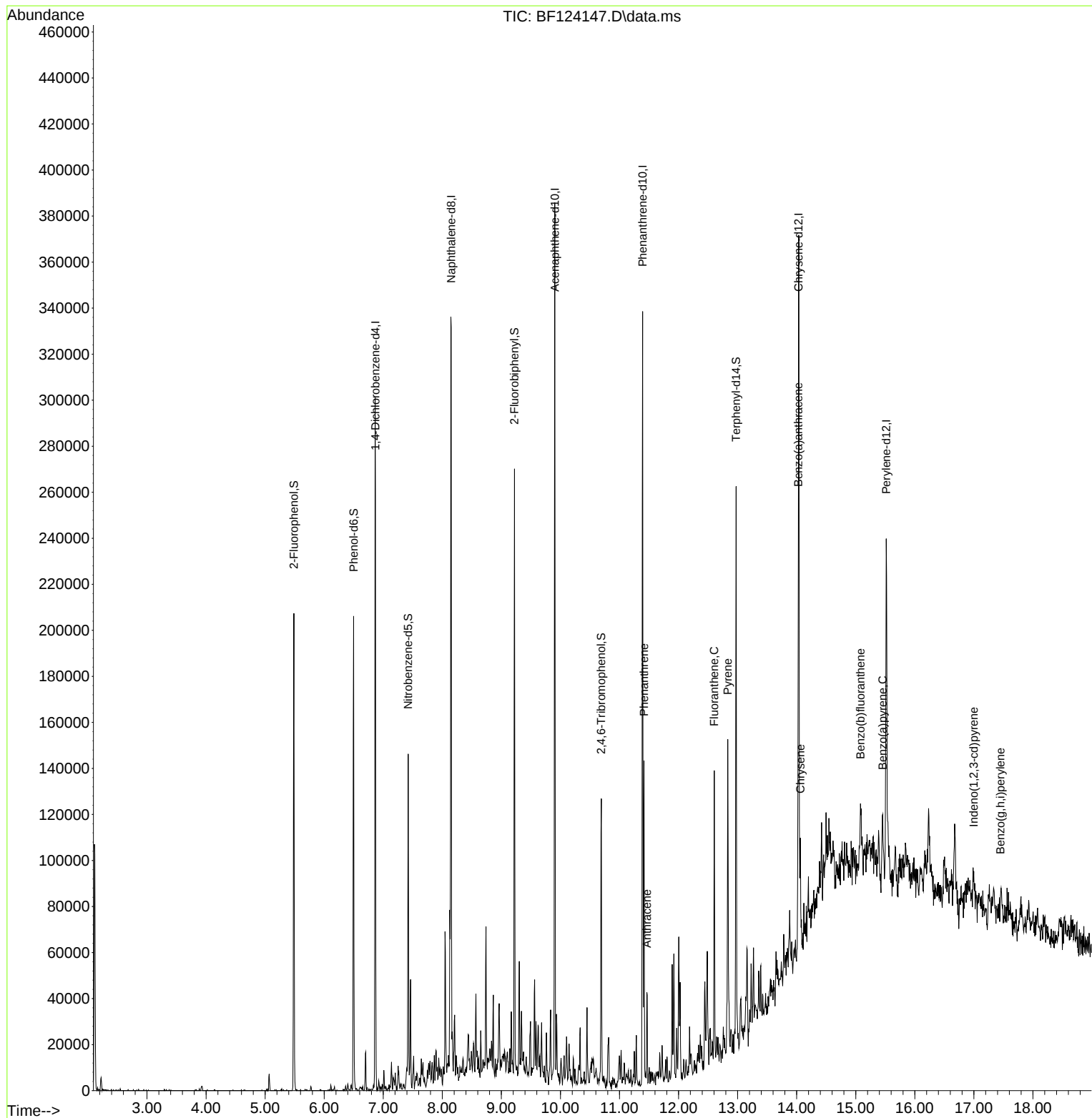
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124147.D
Acq On : 4 Jun 2021 19:12
Operator : JU/CG
Sample : M2584-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

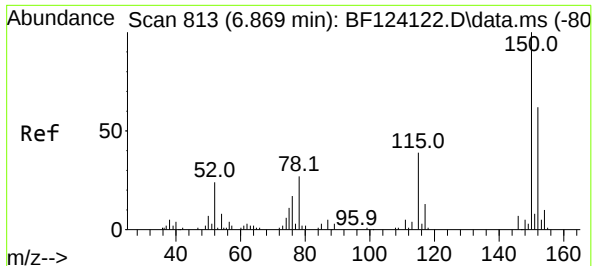
Instrument :
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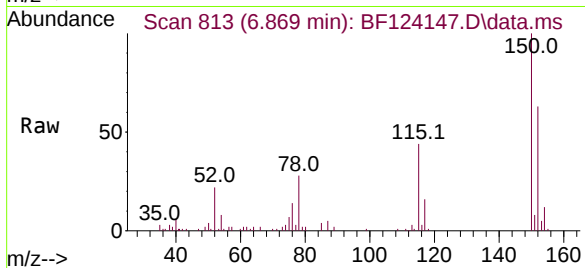
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 04 09:56:24 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

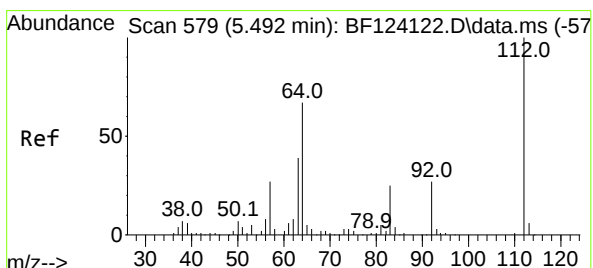
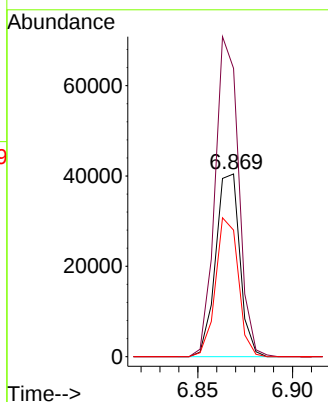
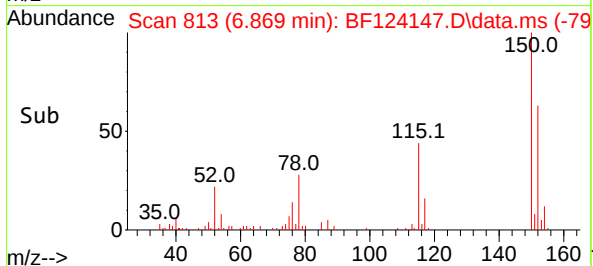
Instrument :
BNA_F
ClientSampleId :
EO-03-060221



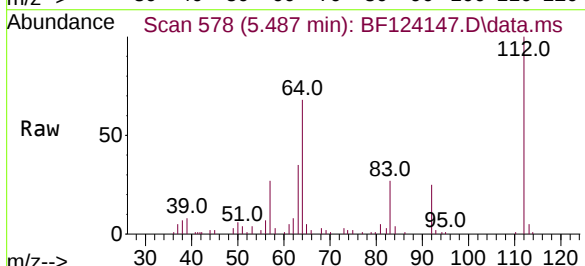
Tgt Ion:152 Resp: 35952
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 69.3 54.3 81.5

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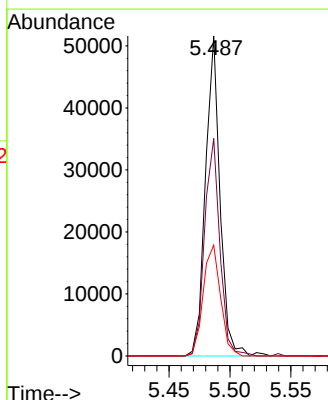
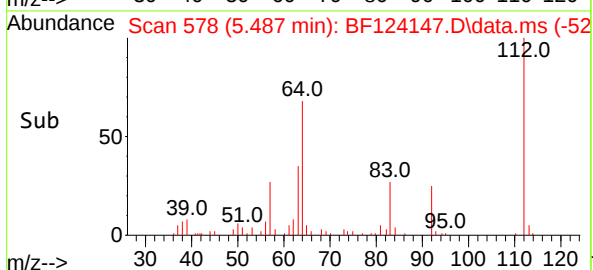
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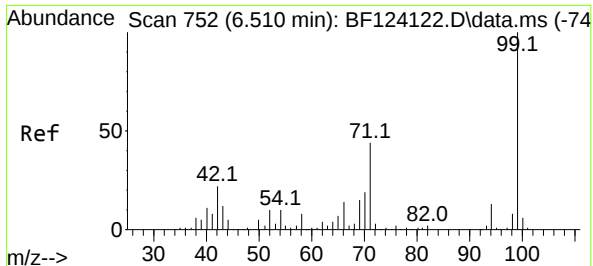


#5
2-Fluorophenol
Concen: 17.95 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12



Tgt Ion:112 Resp: 42863
Ion Ratio Lower Upper
112 100
64 68.0 61.4 92.0
63 34.6 33.0 49.4





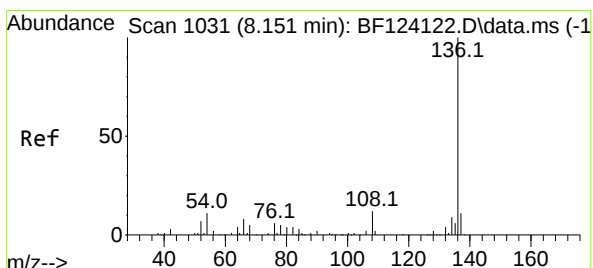
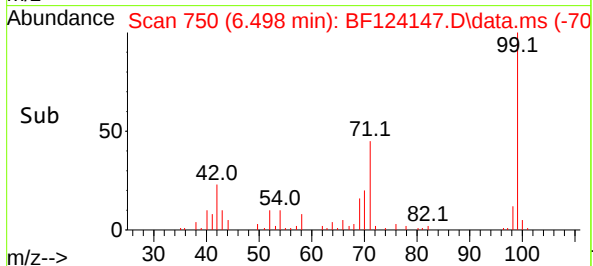
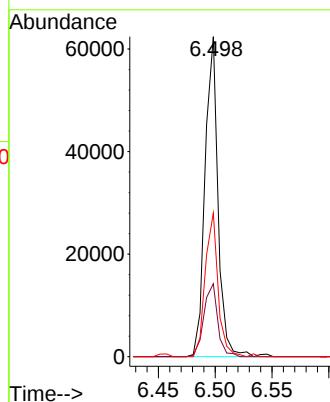
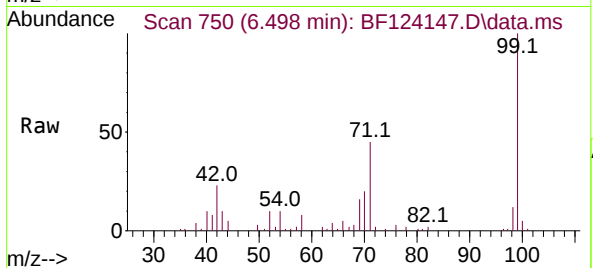
#7
Phenol-d6
Concen: 15.47 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

Tgt Ion: 99	Resp: 49668
Ion Ratio	Lower Upper
99 100	
42 22.8	19.8 29.8
71 44.9	31.1 46.7

Instrument :
BNA_F
ClientSampleId :
EO-03-060221

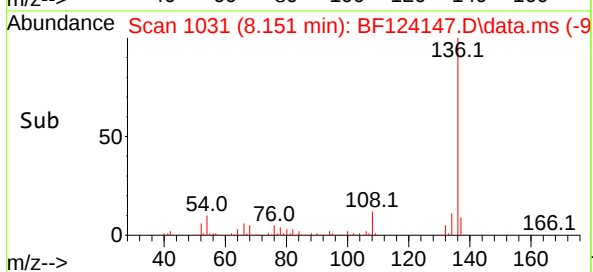
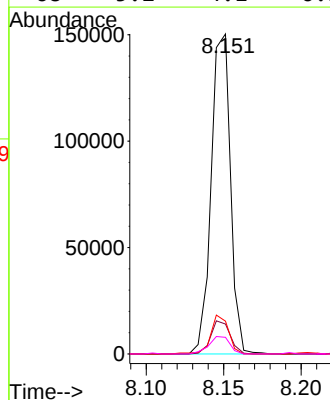
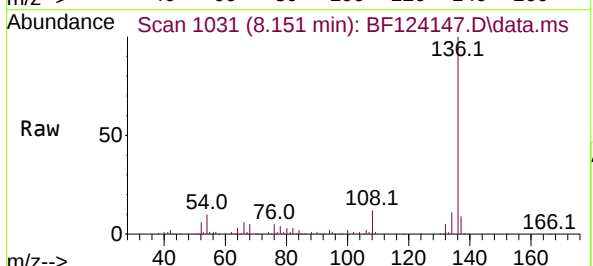
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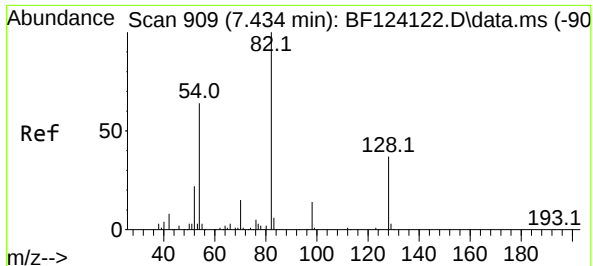
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

Tgt Ion: 136	Resp: 130252
Ion Ratio	Lower Upper
136 100	
137 9.4	8.7 13.1
54 10.2	9.8 14.6
68 5.2	4.1 6.1





#23

Nitrobenzene-d5

Concen: 11.50 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF124147.D

Acq: 4 Jun 2021 19:12

Tgt Ion: 82 Resp: 37773

Ion Ratio Lower Upper

82 100

128 38.3 29.4 44.2

54 57.9 54.1 81.1

Instrument :

BNA_F

ClientSampleId :

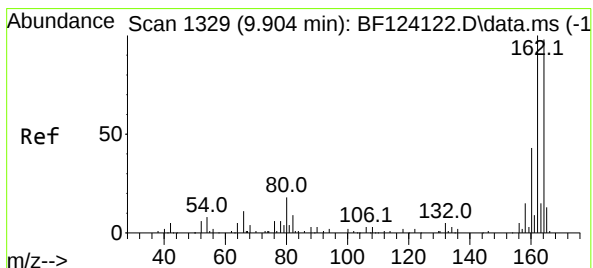
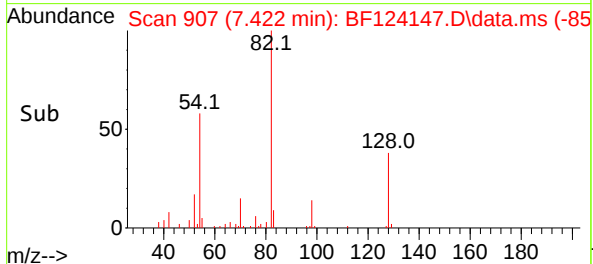
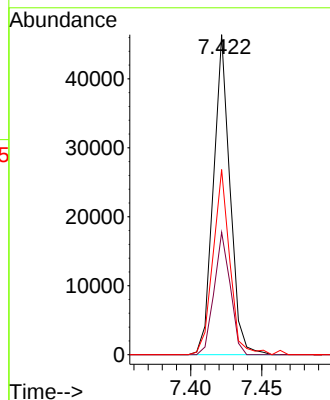
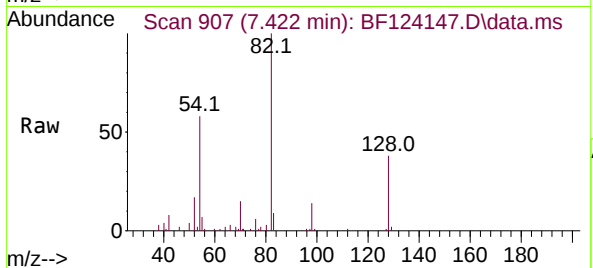
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF124147.D

Acq: 4 Jun 2021 19:12

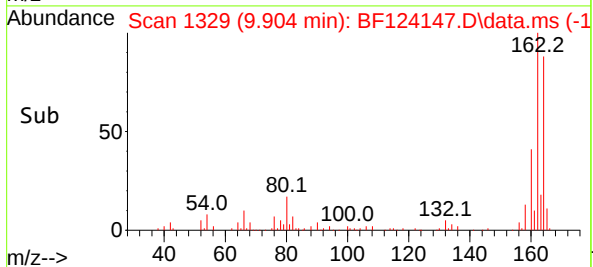
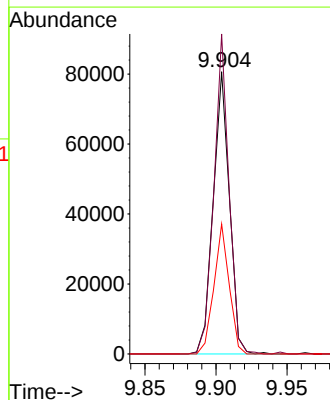
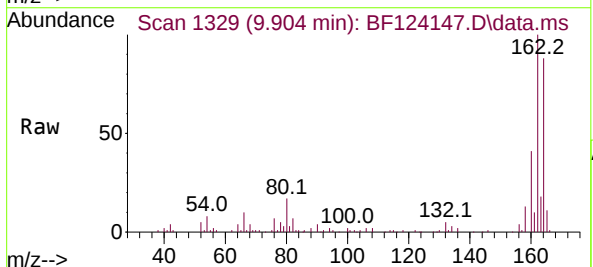
Tgt Ion:164 Resp: 63917

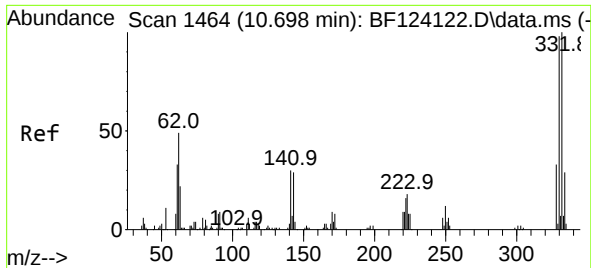
Ion Ratio Lower Upper

164 100

162 113.4 80.7 121.1

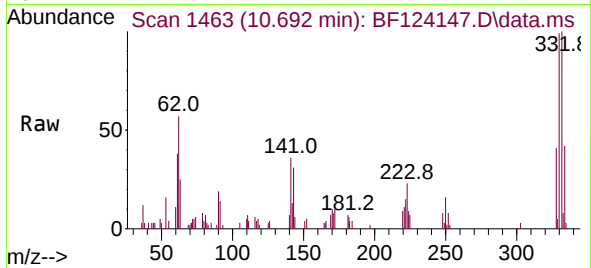
160 46.0 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 12.97 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

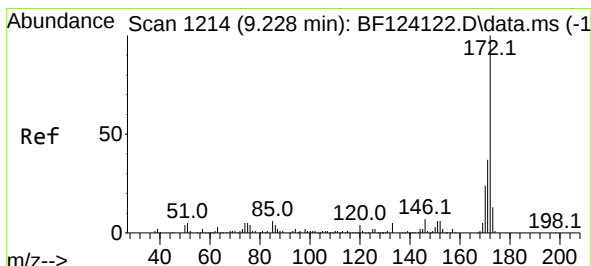
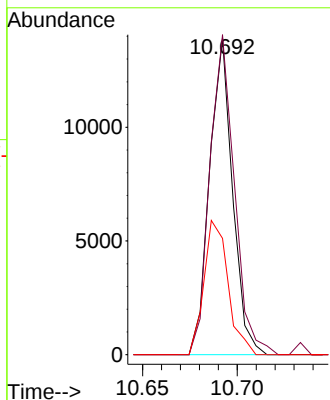
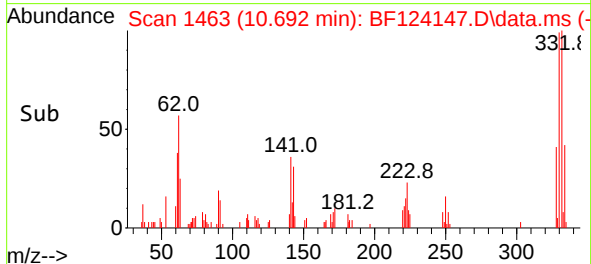
Instrument :
BNA_F
ClientSampleId :
EO-03-060221



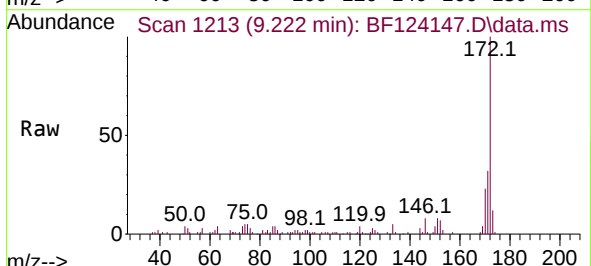
Tgt Ion: 330 Resp: 11749
Ion Ratio Lower Upper
330 100
332 108.0 77.1 115.7
141 44.5 27.9 41.9#

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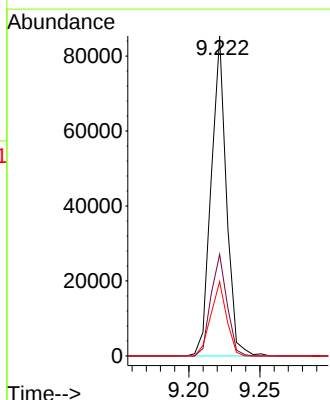
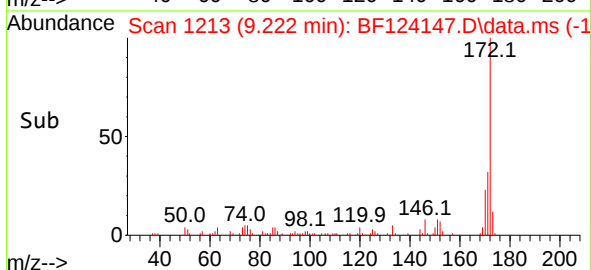
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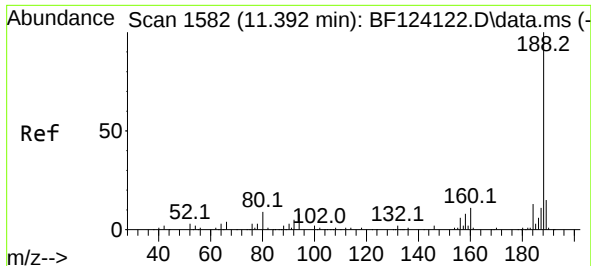


#45
2-Fluorobiphenyl
Concen: 12.53 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12



Tgt Ion: 172 Resp: 63620
Ion Ratio Lower Upper
172 100
171 31.7 28.1 42.1
170 23.2 19.2 28.8





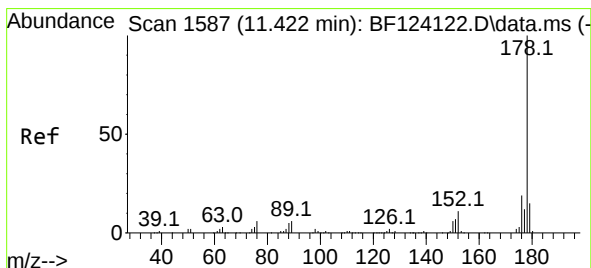
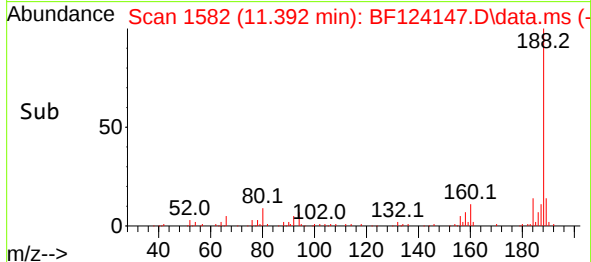
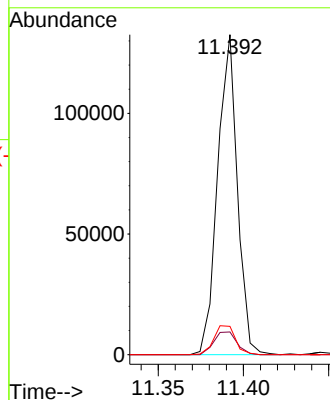
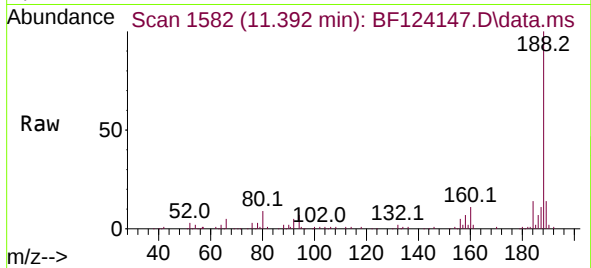
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

Tgt Ion:188 Resp: 106859
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.9 8.2 12.2

Instrument :
BNA_F
ClientSampleId :
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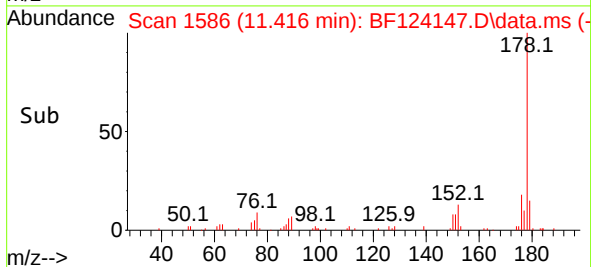
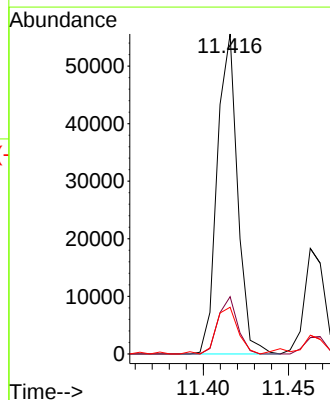
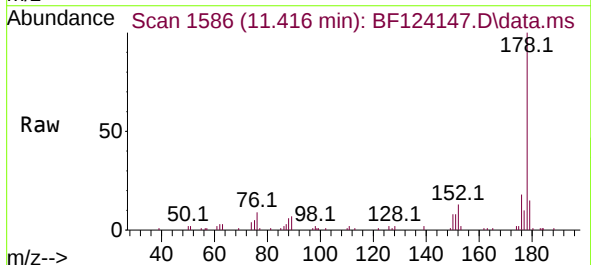
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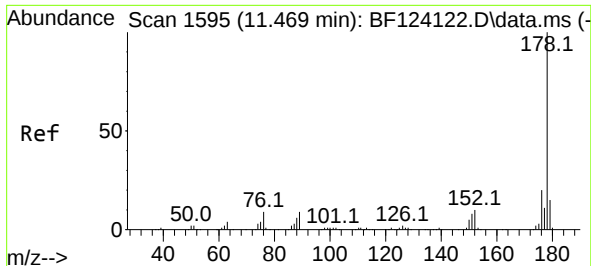
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#71
Phenanthrene
Concen: 6.91 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

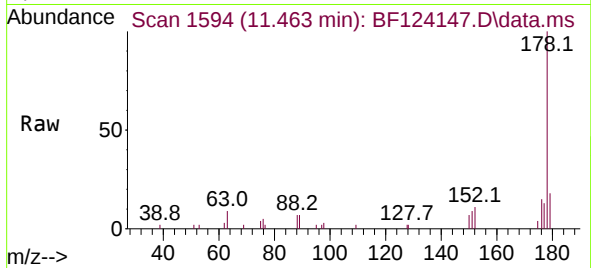
Tgt Ion:178 Resp: 46128
Ion Ratio Lower Upper
178 100
176 17.9 15.6 23.4
179 14.6 12.5 18.7





#72
 Anthracene
 Concen: 2.25 ng
 RT: 11.463 min Scan# 1594
 Delta R.T. -0.006 min
 Lab File: BF124147.D
 Acq: 4 Jun 2021 19:12

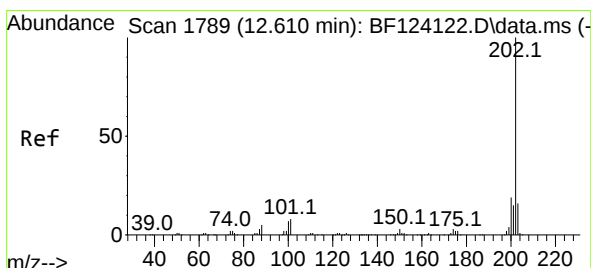
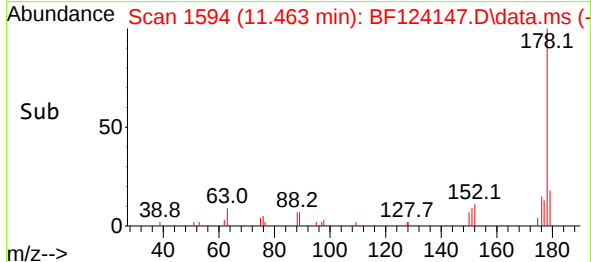
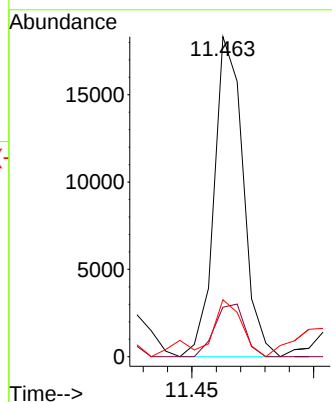
Instrument :
 BNA_F
 ClientSampleId :
 EO-03-060221



Tgt Ion:178 Resp: 15105
 Ion Ratio Lower Upper
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 176 15.5 15.4 23.0
 179 17.8 12.6 18.8

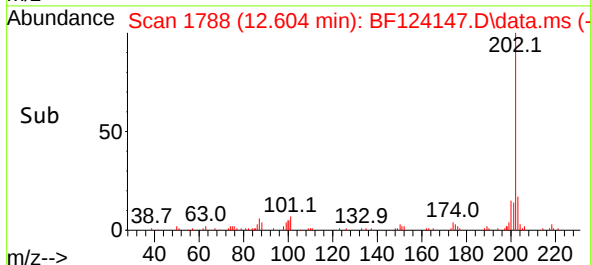
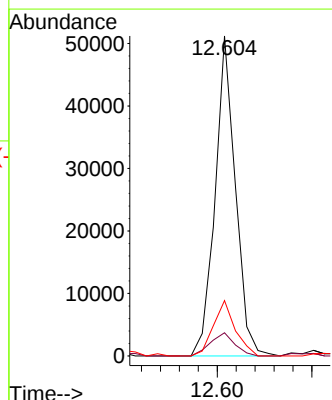
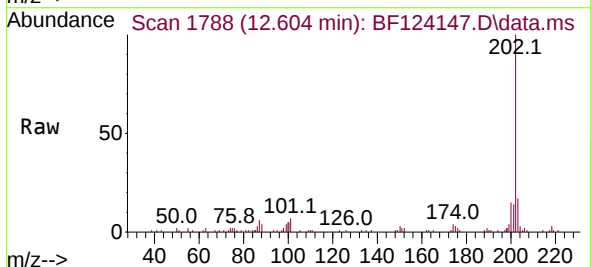
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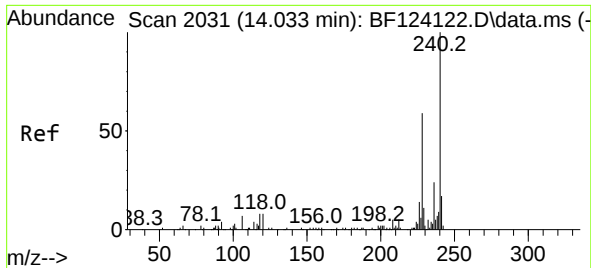
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#75
 Fluoranthene
 Concen: 5.45 ng
 RT: 12.604 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: BF124147.D
 Acq: 4 Jun 2021 19:12

Tgt Ion:202 Resp: 38210
 Ion Ratio Lower Upper
 202 100
 101 7.3 0.0 30.9
 203 17.3 0.0 37.5





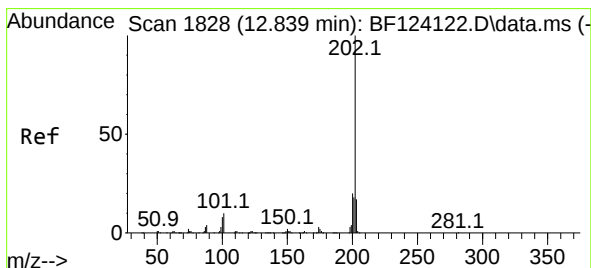
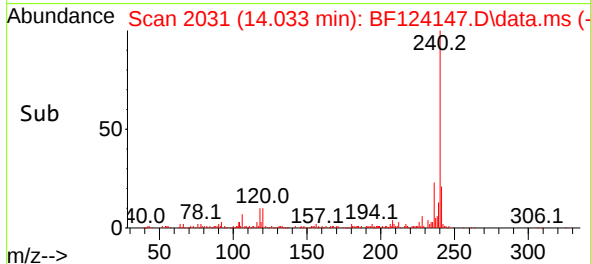
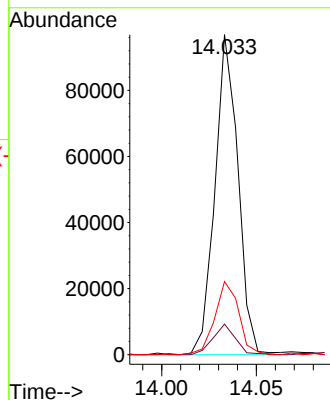
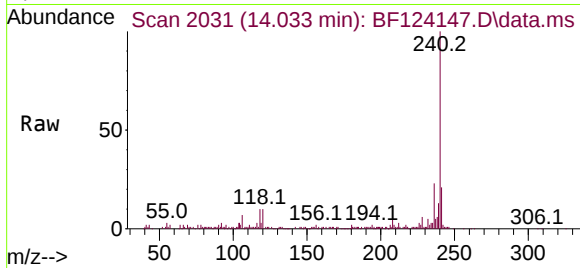
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

Tgt Ion:240 Resp: 82113
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 22.9 19.0 28.4

Instrument :
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EO-03-060221

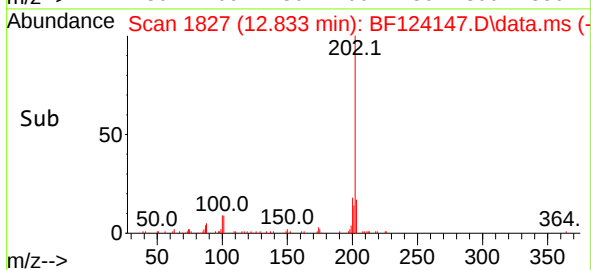
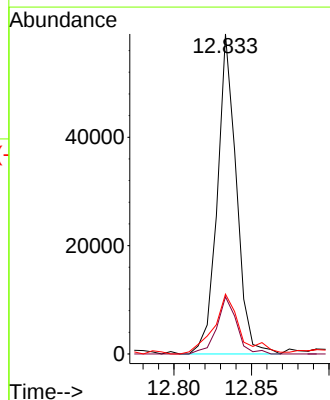
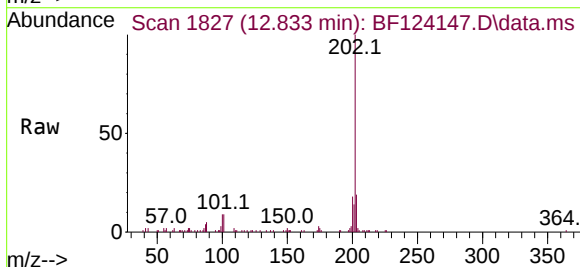
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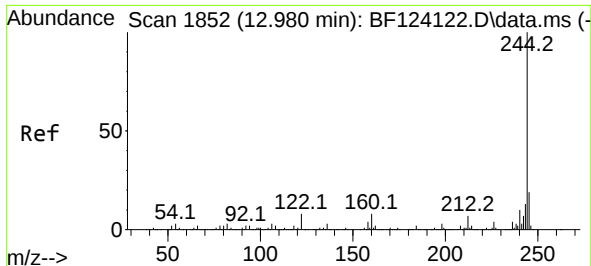
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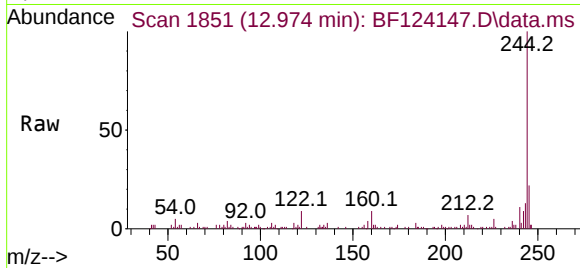
#78
Pyrene
Concen: 6.39 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

Tgt Ion:202 Resp: 50396
Ion Ratio Lower Upper
202 100
200 17.8 16.1 24.1
203 18.7 14.8 22.2

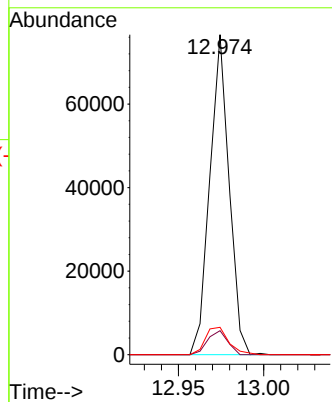
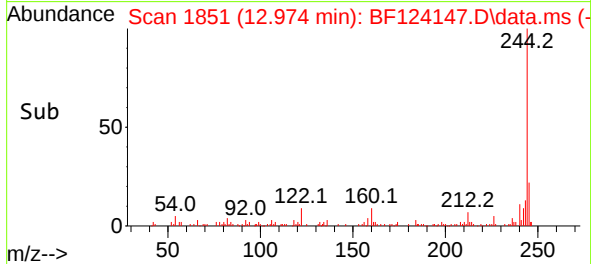




#79
Terphenyl-d14
Concen: 10.11 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12



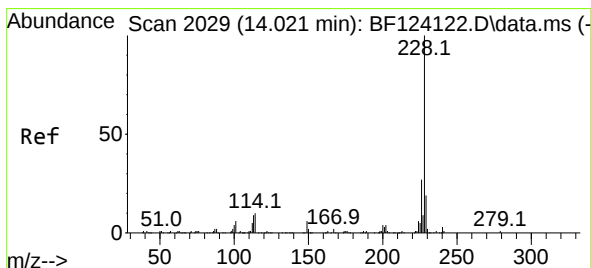
Tgt Ion:244 Resp: 60478
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 8.5 9.7 14.5#



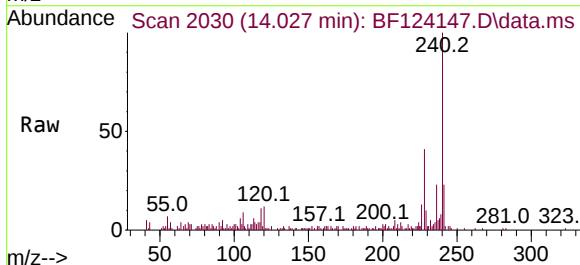
Instrument :
BNA_F
ClientSampleId :
EO-03-060221

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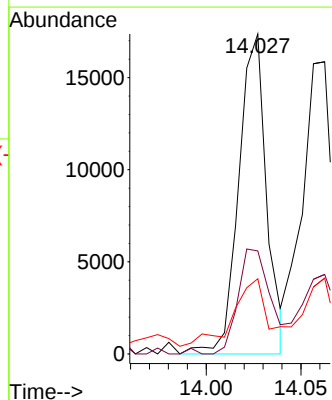
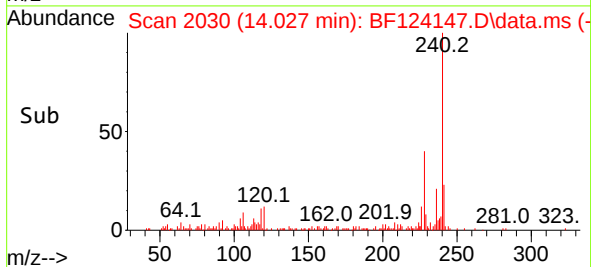
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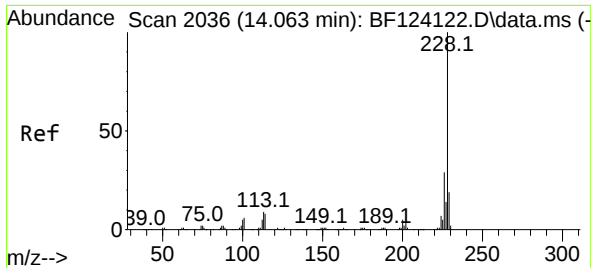


#81
Benzo(a)anthracene
Concen: 2.98 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12



Tgt Ion:228 Resp: 17809
Ion Ratio Lower Upper
228 100
226 32.2 22.4 33.6
229 23.5 16.0 24.0





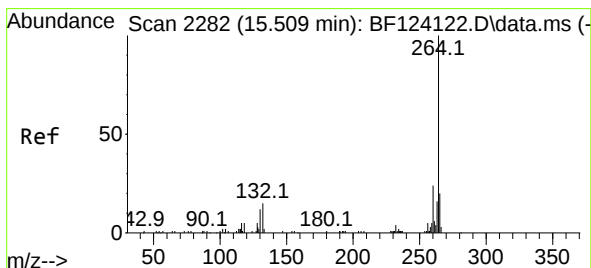
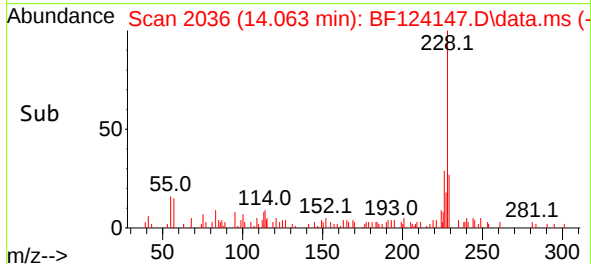
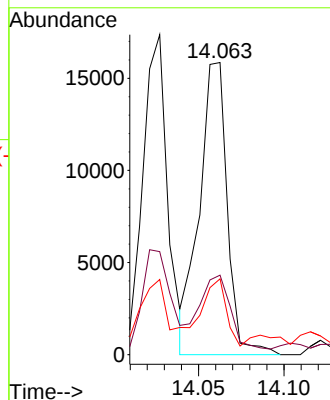
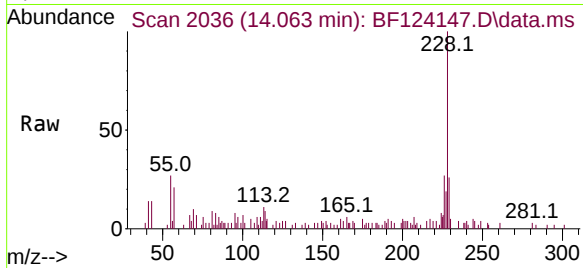
#83
Chrysene
Concen: 3.12 ng m
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

Tgt Ion:228 Resp: 18017
Ion Ratio Lower Upper
228 100
226 27.2 24.3 36.5
229 26.0 16.2 24.2#

Instrument :
BNA_F
ClientSampleId :
EO-03-060221

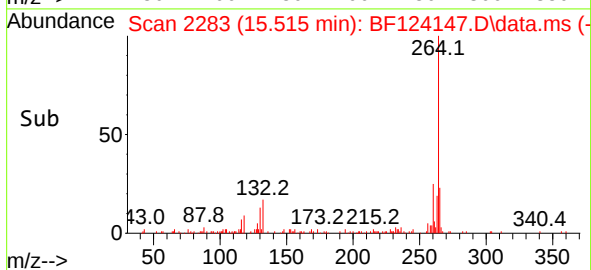
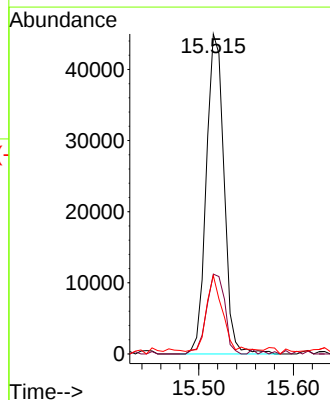
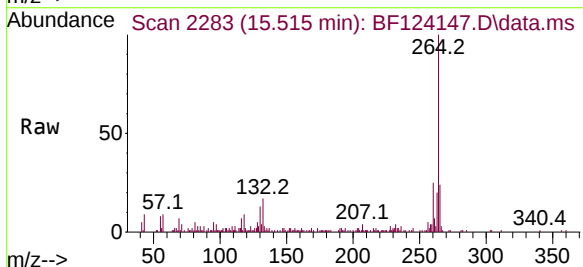
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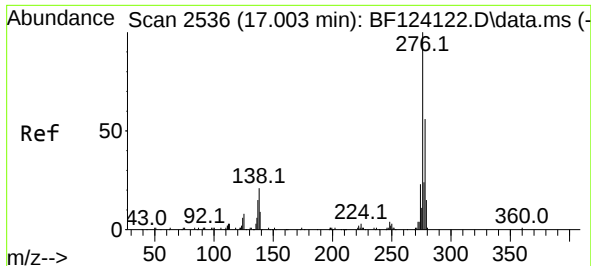
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

Tgt Ion:264 Resp: 58189
Ion Ratio Lower Upper
264 100
260 25.0 18.7 28.1
265 24.5 17.8 26.8





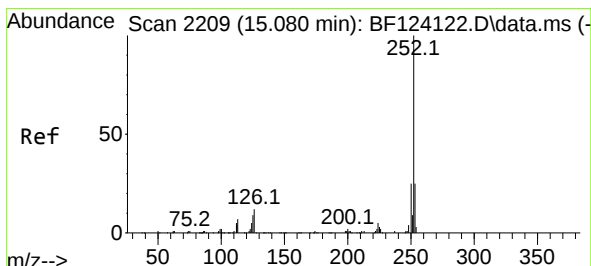
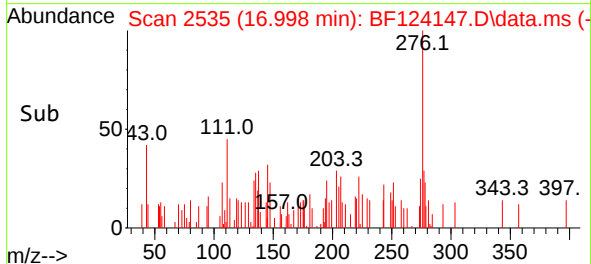
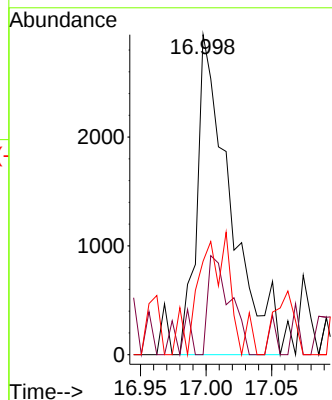
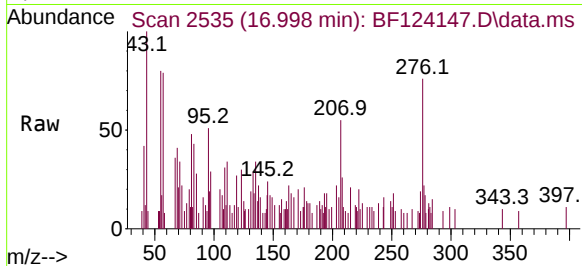
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.31 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

Tgt Ion: 276 Resp: 5199
Ion Ratio Lower Upper
276 100
138 20.7 16.2 24.2
277 36.9 20.1 30.1#

Instrument :
BNA_F
ClientSampleId :
EO-03-060221

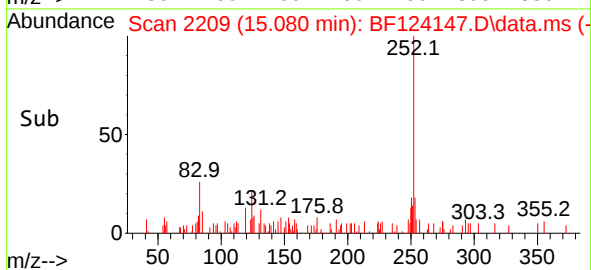
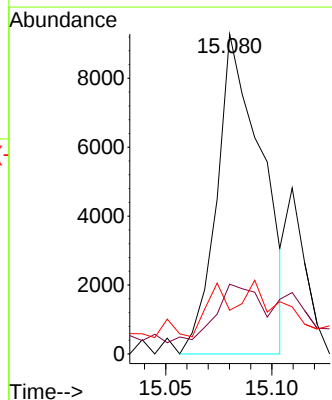
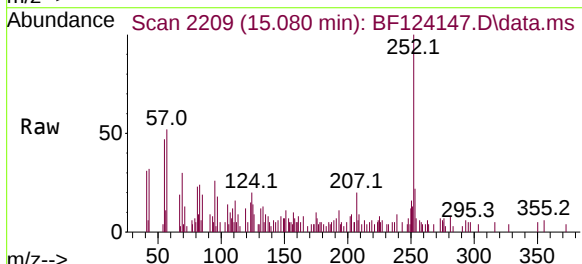
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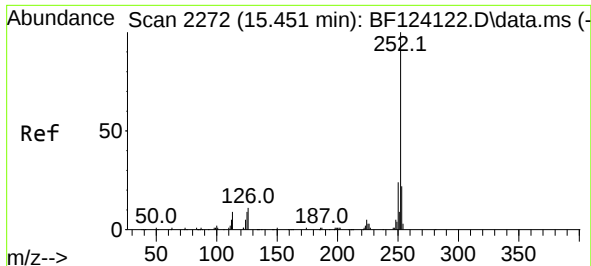
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#88
Benzo(b)fluoranthene
Concen: 3.02 ng m
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

Tgt Ion: 252 Resp: 13668
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 13.7 6.2 9.4#





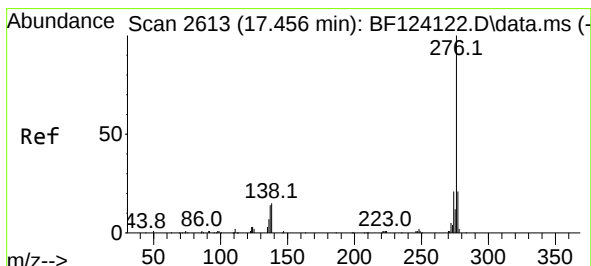
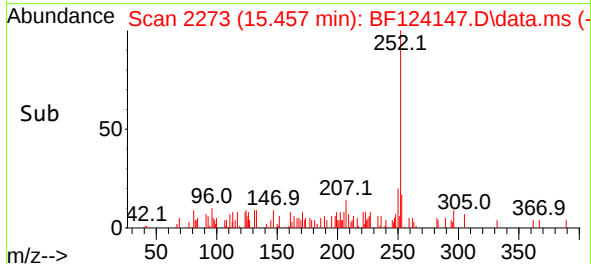
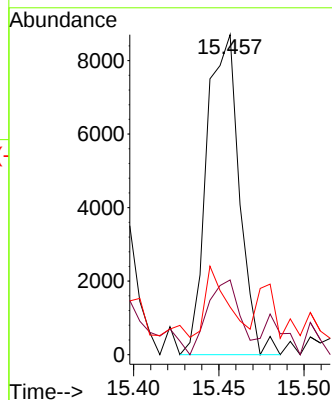
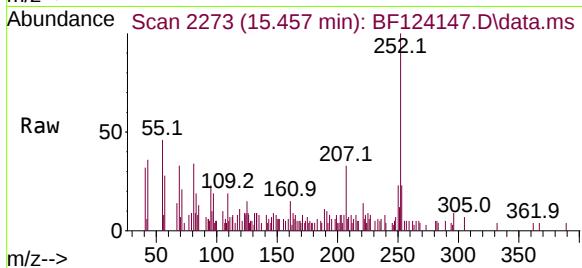
#90
Benzo(a)pyrene
Concen: 2.95 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

Tgt Ion:252 Resp: 11578
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 14.9 8.0 12.0#

Instrument :
BNA_F
ClientSampleId :
EO-03-060221

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#92
Benzo(g,h,i)perylene
Concen: 5.10 ng m
RT: 17.451 min Scan# 2612
Delta R.T. -0.005 min
Lab File: BF124147.D
Acq: 4 Jun 2021 19:12

Tgt Ion:276 Resp: 5714
Ion Ratio Lower Upper
276 100
277 33.4 18.2 27.2#
138 20.7 13.8 20.6#

