

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124196.D
 Acq On : 9 Jun 2021 00:02
 Operator : JU/CG
 Sample : M2602-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-060321

Manual Integrations
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Quant Time: Jun 09 04:10:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	34108	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	109676	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	53011	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	91676	20.000	ng	0.00
76) Chrysene-d12	14.045	240	69597	20.000	ng	# 0.01
86) Perylene-d12	15.527	264	53395	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	135686	59.884	ng	0.00
7) Phenol-d6	6.510	99	166294	54.602	ng	0.00
23) Nitrobenzene-d5	7.422	82	123831	44.780	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	41752	55.592	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	197928	46.984	ng	0.00
79) Terphenyl-d14	12.980	244	188564	37.198	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.763	152	13223	2.497	ng	94
55) Dibenzofuran	10.104	168	17680	3.267	ng	# 97
58) Fluorene	10.451	166	29444	7.087	ng	93
71) Phenanthrene	11.421	178	395506	69.062	ng	97
72) Anthracene	11.469	178	82158	14.245	ng	97
73) Carbazole	11.621	167	55815	11.105	ng	96
75) Fluoranthene	12.616	202	629141	104.659	ng	99
78) Pyrene	12.845	202	462274	69.171	ng	100
81) Benzo(a)anthracene	14.033	228	192364	37.941	ng	98
83) Chrysene	14.068	228	164124	33.552	ng	95
87) Indeno(1,2,3-cd)pyrene	17.027	276	68815	18.421	ng	97
88) Benzo(b)fluoranthene	15.098	252	183844m	44.324	ng	
89) Benzo(k)fluoranthene	15.121	252	48136m	12.259	ng	
90) Benzo(a)pyrene	15.468	252	119354	33.130	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	17181	8.311	ng	# 93
92) Benzo(g,h,i)perylene	17.486	276	61282	18.882	ng	# 95

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

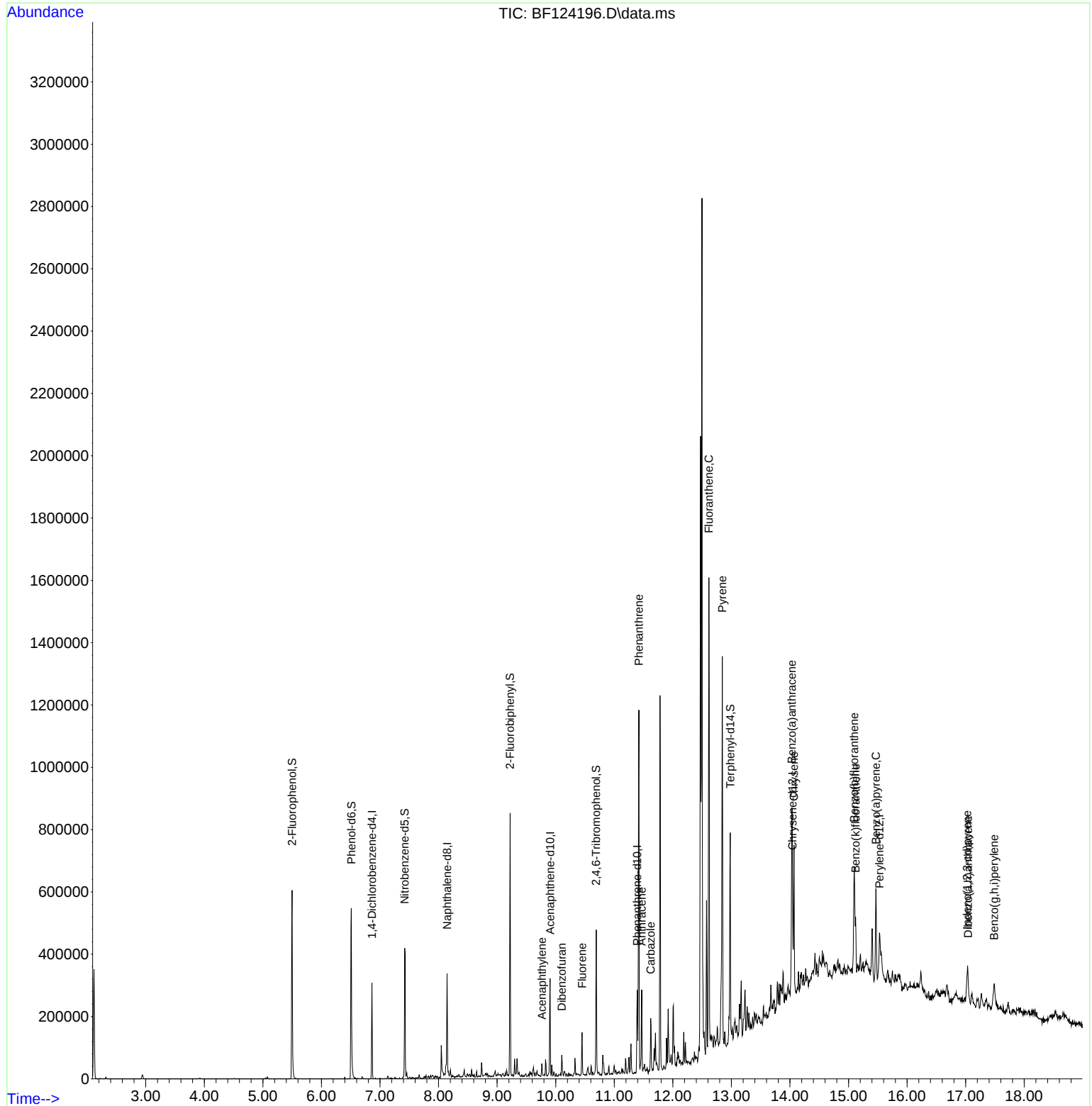
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
Data File : BF124196.D
Acq On : 9 Jun 2021 00:02
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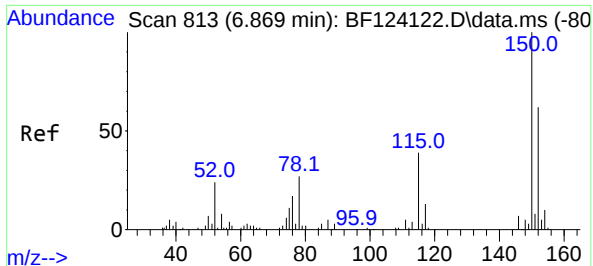
Instrument :
BNA_F
ClientSampled :
SU-02-060321

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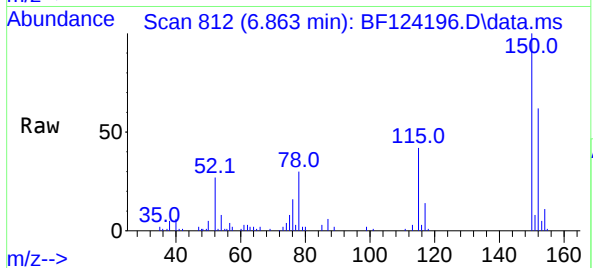
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Quant Time: Jun 09 04:10:24 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 13:32:21 2021
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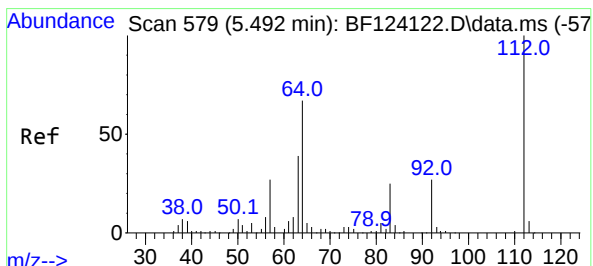
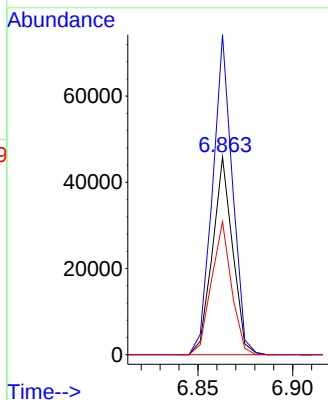
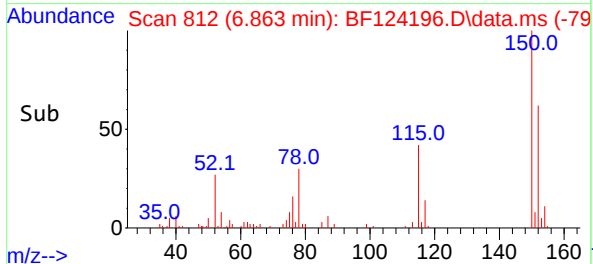




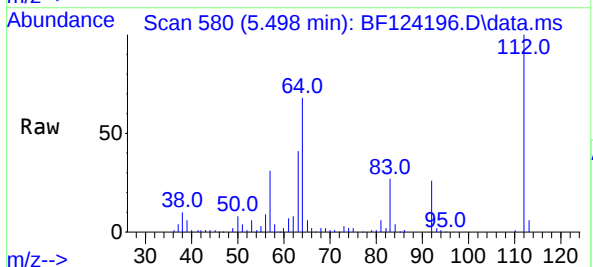
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02



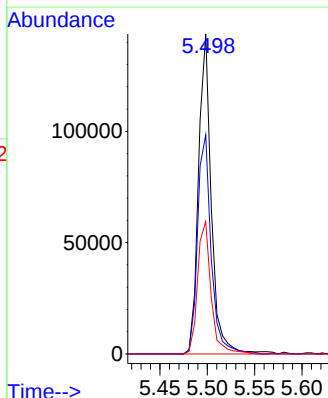
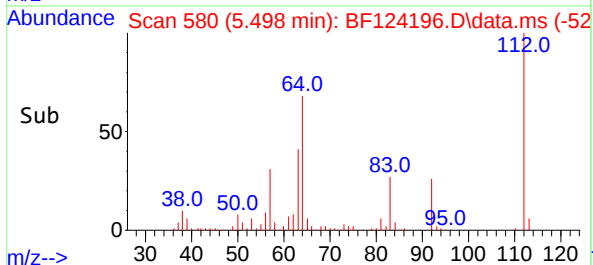
Tgt Ion:152 Resp: 34108
Ion Ratio Lower Upper
152 100
150 161.9 127.0 190.6
115 67.3 54.3 81.5



#5
2-Fluorophenol
Concen: 59.884 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02



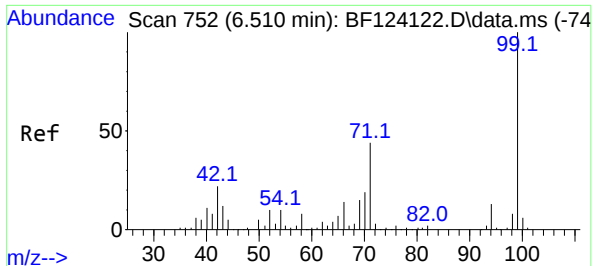
Tgt Ion:112 Resp: 135686
Ion Ratio Lower Upper
112 100
64 68.4 61.4 92.0
63 41.3 33.0 49.4



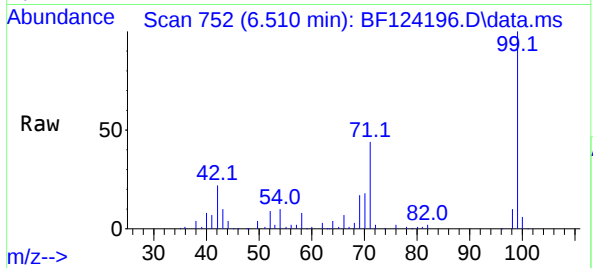
Instrument :
BNA_F
ClientSampleId :
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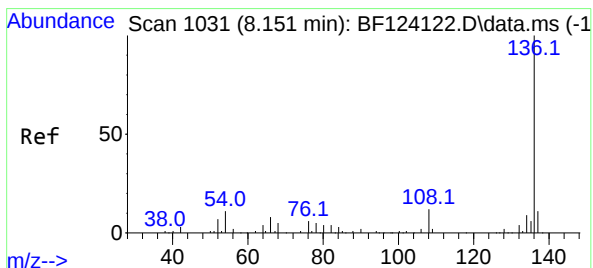
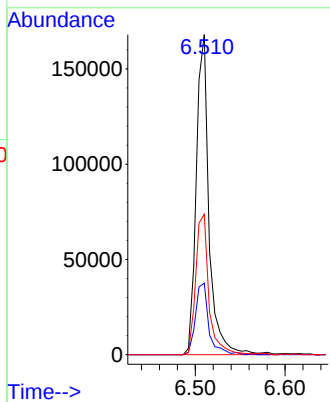
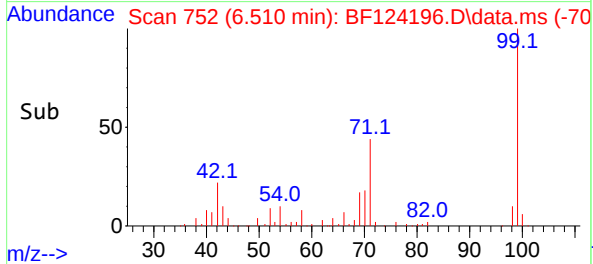
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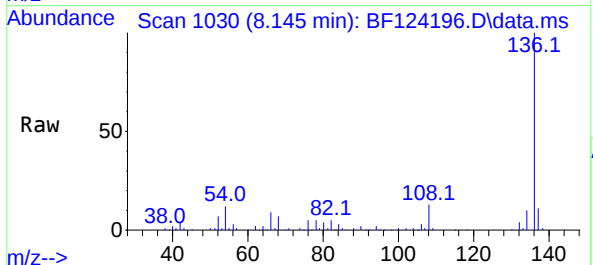
#7
Phenol-d6
Concen: 54.602 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02



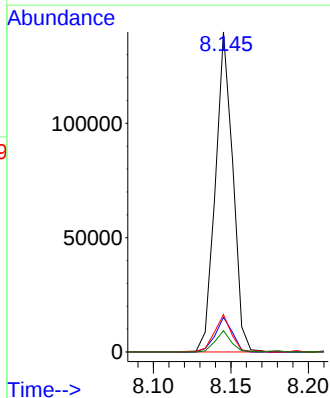
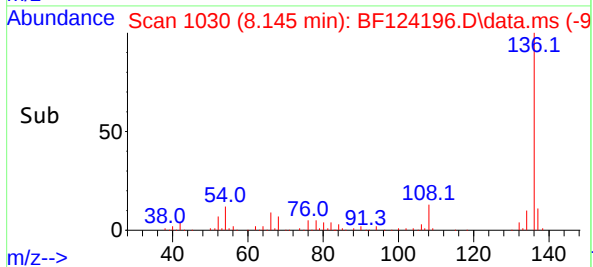
Tgt Ion: 99 Resp: 166294
Ion Ratio Lower Upper
99 100
42 22.3 19.8 29.8
71 43.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02



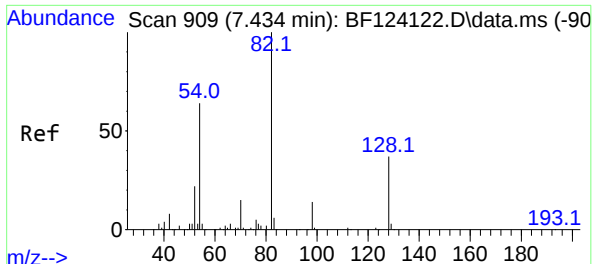
Tgt Ion: 136 Resp: 109676
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 11.7 9.8 14.6
68 6.7 4.1 6.1#



Instrument :
BNA_F
ClientSampleId :
SU-02-060321

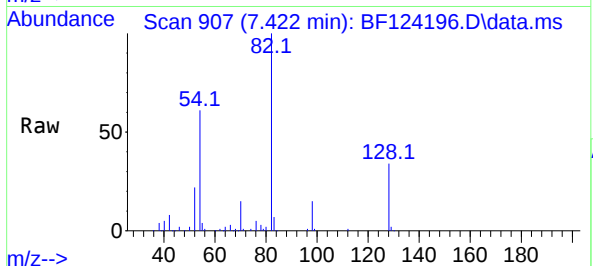
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#23
Nitrobenzene-d5
Concen: 44.780 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

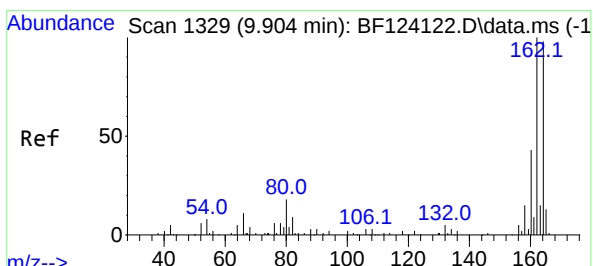
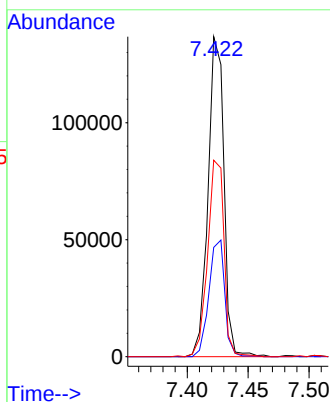
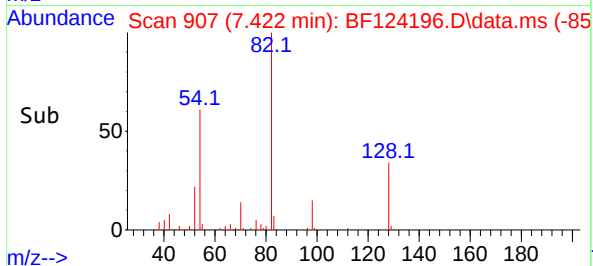
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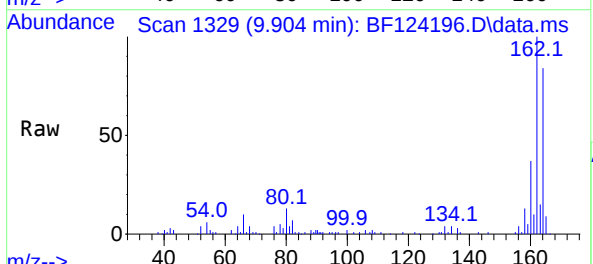
Tgt Ion: 82 Resp: 123831
Ion Ratio Lower Upper
82 100
128 34.1 29.4 44.2
54 61.4 54.1 81.1

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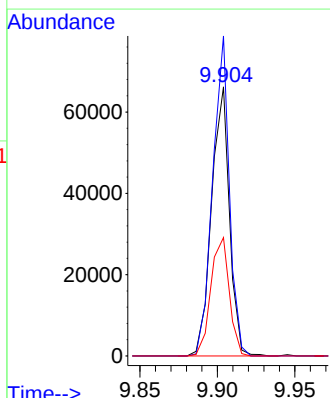
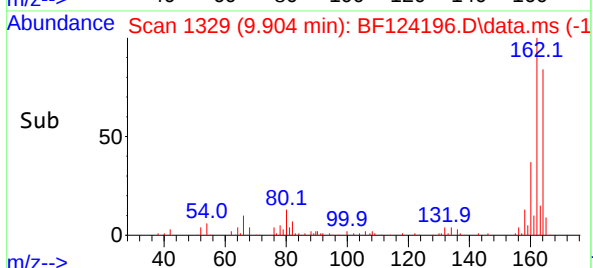
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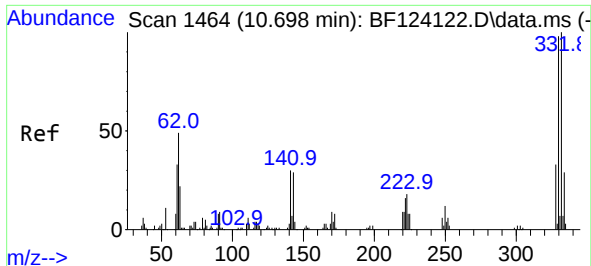


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02



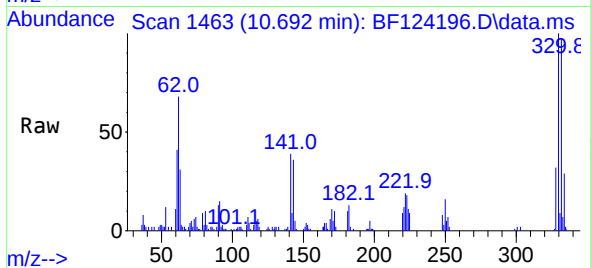
Tgt Ion: 164 Resp: 53011
Ion Ratio Lower Upper
164 100
162 118.9 80.7 121.1
160 44.0 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 55.592 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

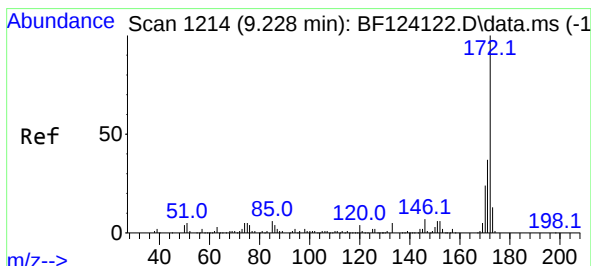
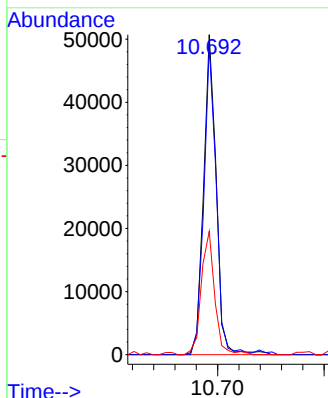
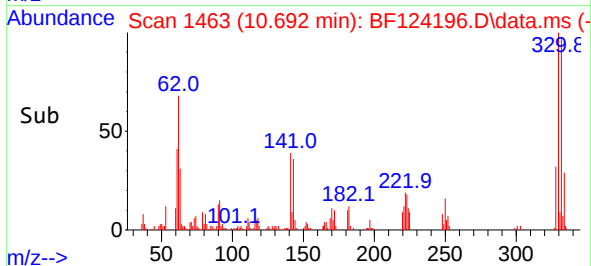
Instrument :
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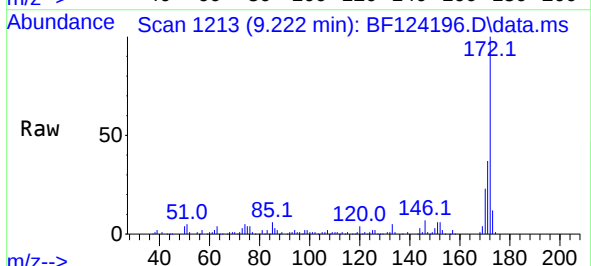
Tgt Ion:330 Resp: 41752
Ion Ratio Lower Upper
330 100
332 94.9 77.1 115.7
141 41.1 27.9 41.9

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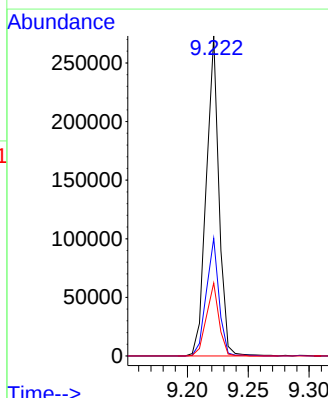
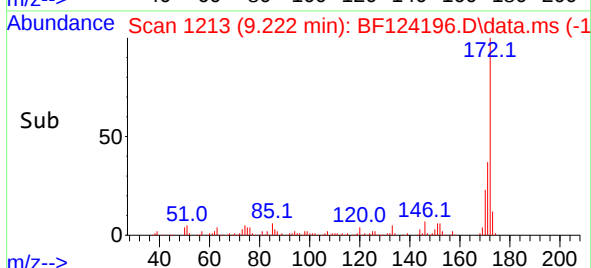
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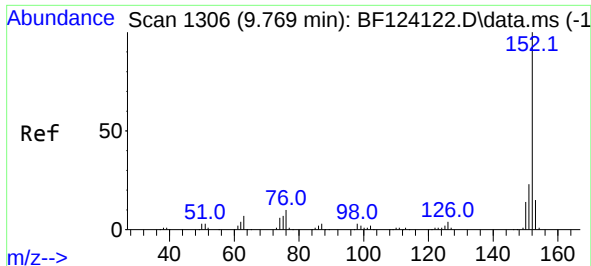


#45
2-Fluorobiphenyl
Concen: 46.984 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02



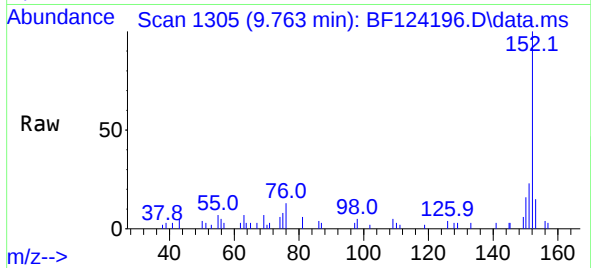
Tgt Ion:172 Resp: 197928
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 22.8 19.2 28.8





#49
Acenaphthylene
Concen: 2.497 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

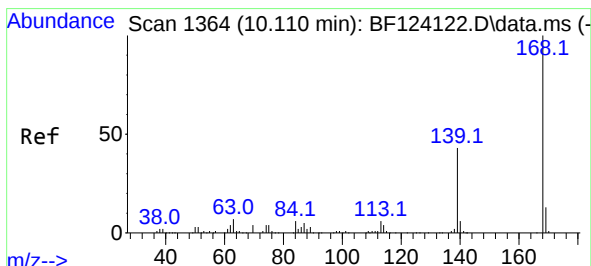
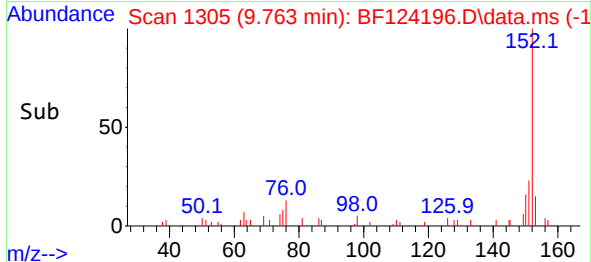
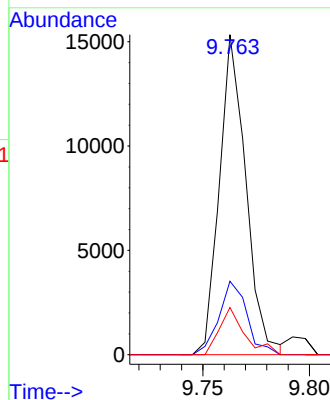
Instrument :
BNA_F
ClientSampleId :
SU-02-060321



Tgt Ion:152 Resp: 13223
Ion Ratio Lower Upper
152 100
151 22.9 16.0 24.0
153 14.8 10.4 15.6

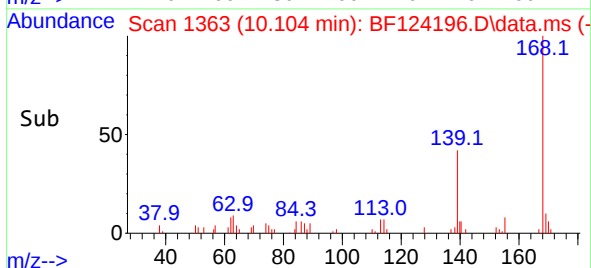
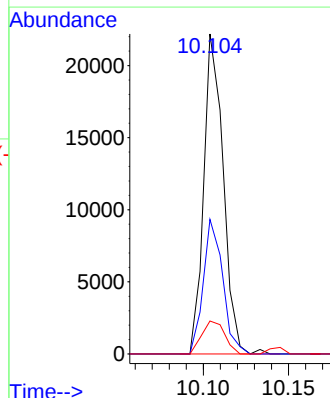
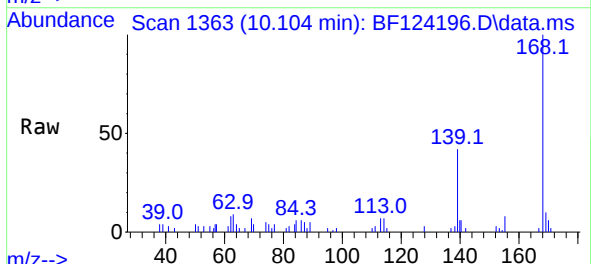
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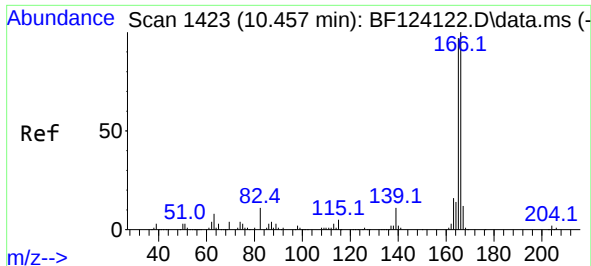
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#55
Dibenzofuran
Concen: 3.267 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

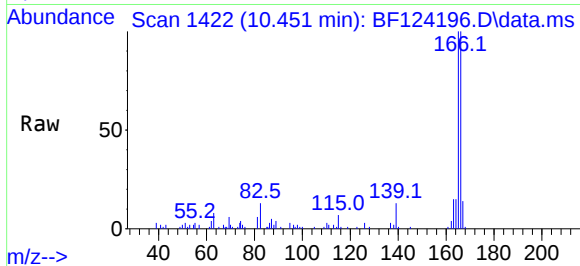
Tgt Ion:168 Resp: 17680
Ion Ratio Lower Upper
168 100
139 42.1 33.2 49.8
169 10.3 10.8 16.2#





#58
Fluorene
Concen: 7.087 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

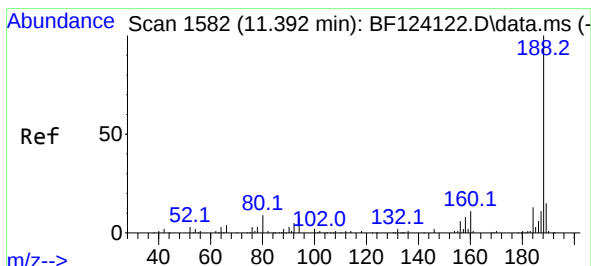
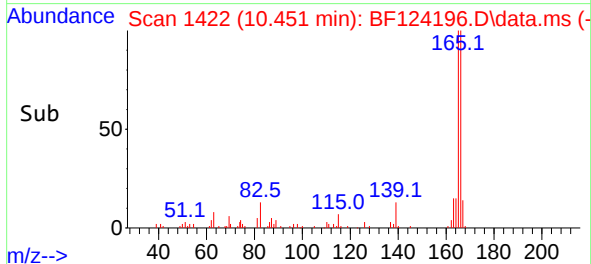
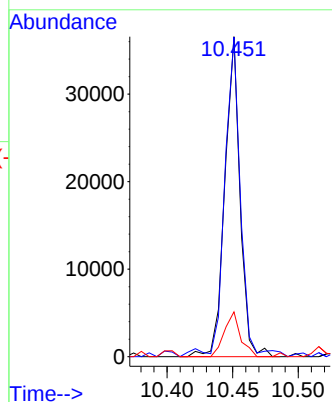
Instrument :
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SU-02-060321



Tgt Ion:166 Resp: 29444
Ion Ratio Lower Upper
166 100
165 99.9 73.5 110.3
167 14.0 10.7 16.1

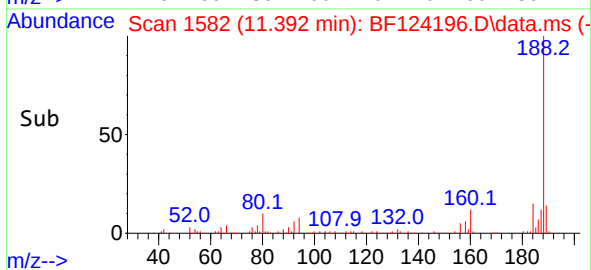
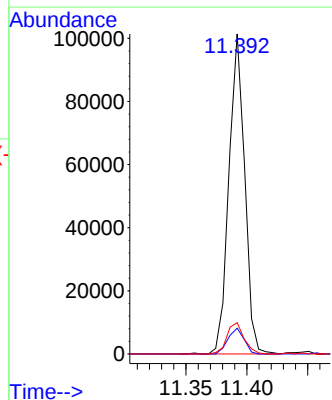
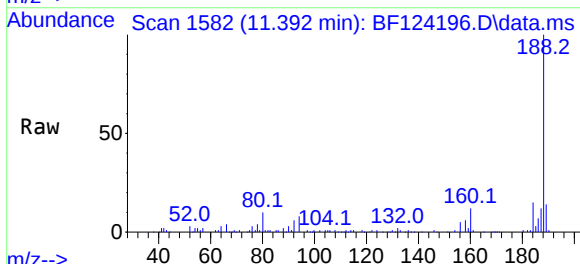
Manual Integrations
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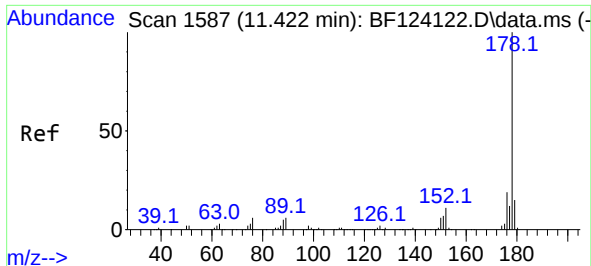
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

Tgt Ion:188 Resp: 91676
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.8 8.2 12.2





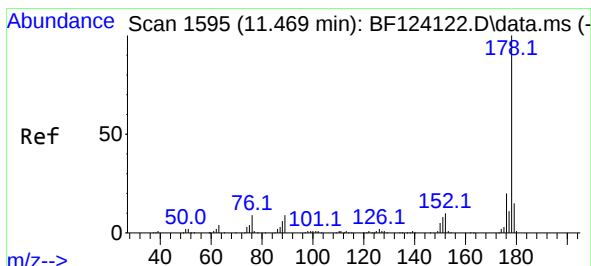
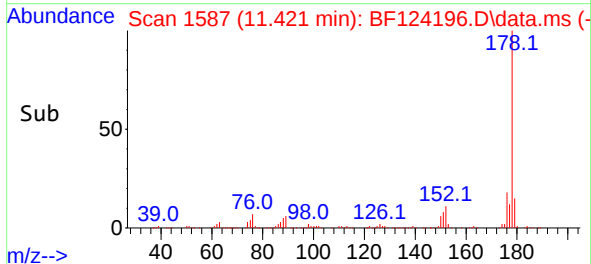
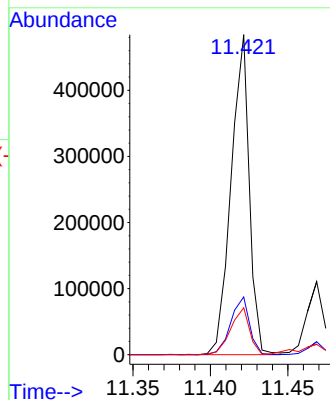
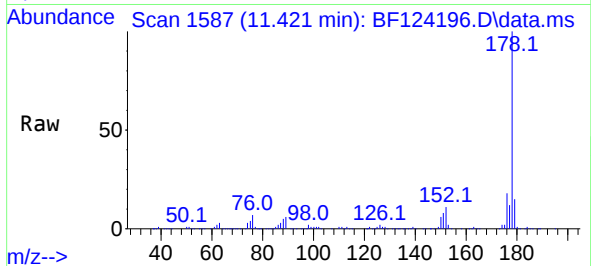
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Phenanthrene
Concen: 69.062 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

Tgt Ion:178 Resp: 395506
Ion Ratio Lower Upper
178 100
176 18.1 15.6 23.4
179 14.6 12.5 18.7

Instrument :
BNA_F
ClientSampled :
SU-02-060321

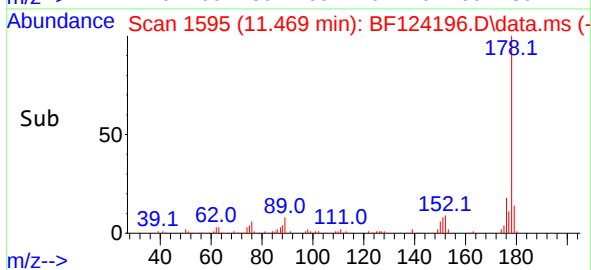
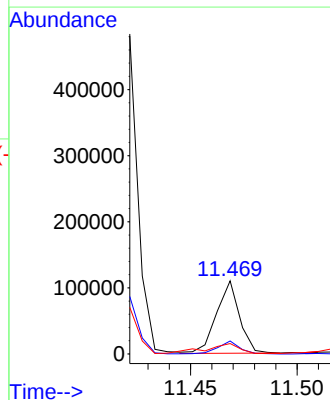
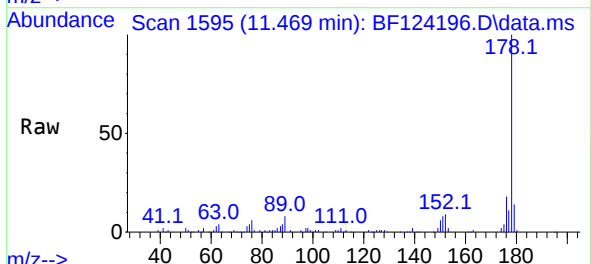
Manual Integrations
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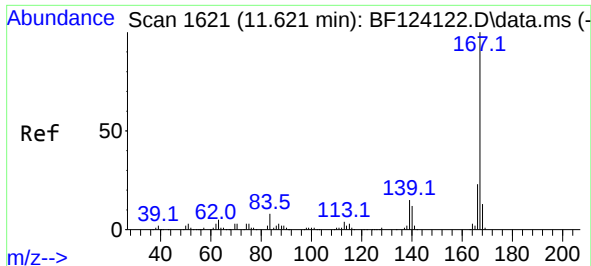
mohammad
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#72
Anthracene
Concen: 14.245 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

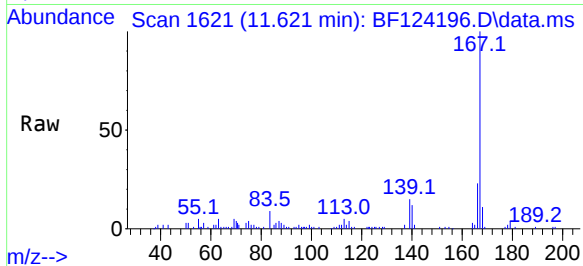
Tgt Ion:178 Resp: 82158
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.0
179 14.3 12.6 18.8





#73
 Carbazole
 Concen: 11.105 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF124196.D
 Acq: 9 Jun 2021 00:02

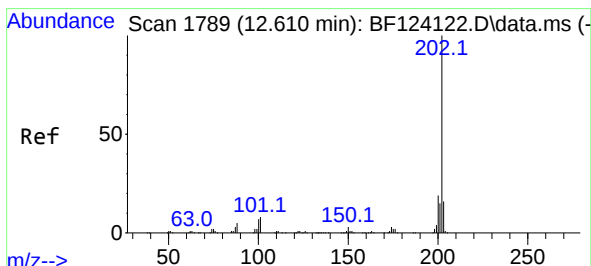
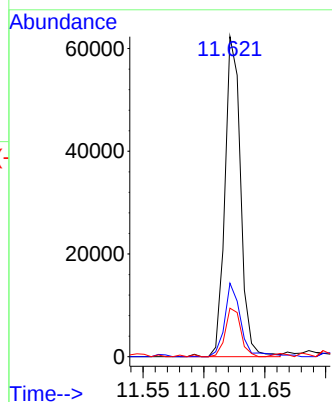
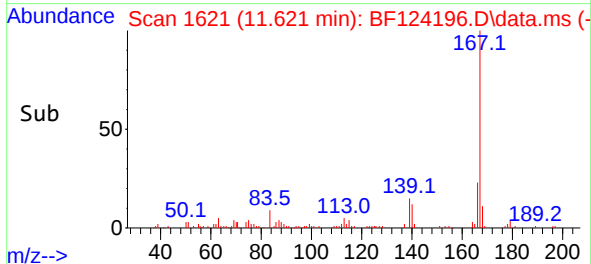
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-060321



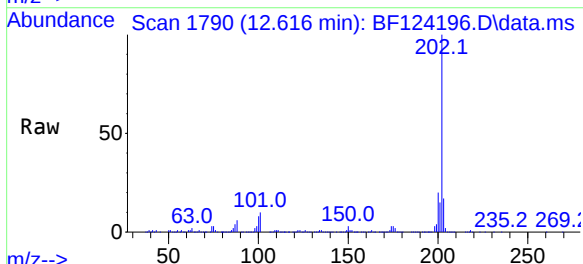
Tgt Ion:167 Resp: 55815
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.0 25.6
 139 15.1 10.4 15.6

Manual Integrations
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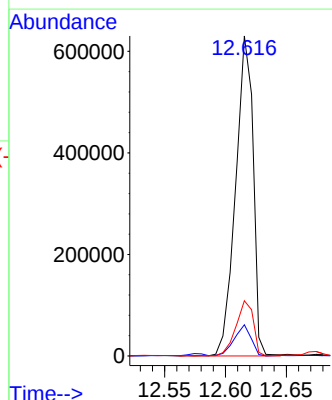
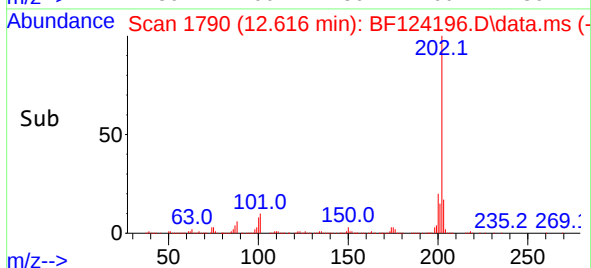
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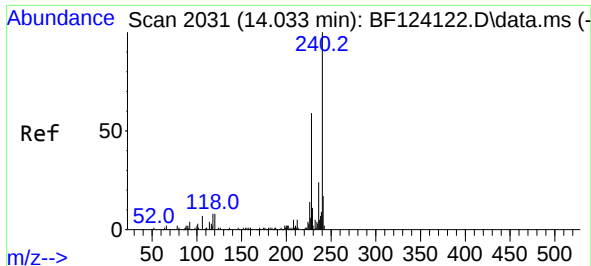


#75
 Fluoranthene
 Concen: 104.659 ng
 RT: 12.616 min Scan# 1790
 Delta R.T. 0.006 min
 Lab File: BF124196.D
 Acq: 9 Jun 2021 00:02



Tgt Ion:202 Resp: 629141
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 30.9
 203 17.3 0.0 37.5





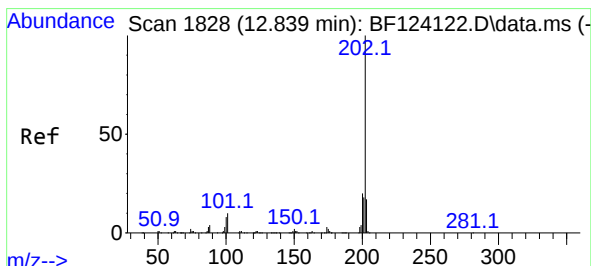
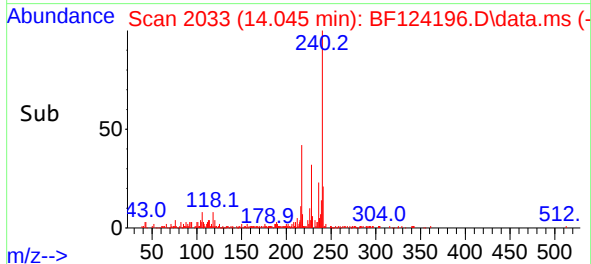
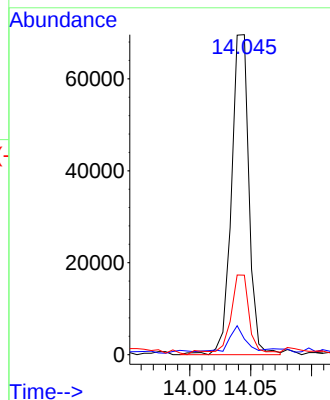
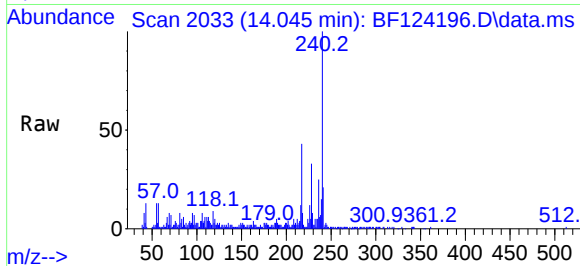
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.012 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

Tgt Ion:240 Resp: 69597
Ion Ratio Lower Upper
240 100
120 4.9 7.2 10.8#
236 24.9 19.0 28.4

Instrument :
BNA_F
ClientSampled :
SU-02-060321

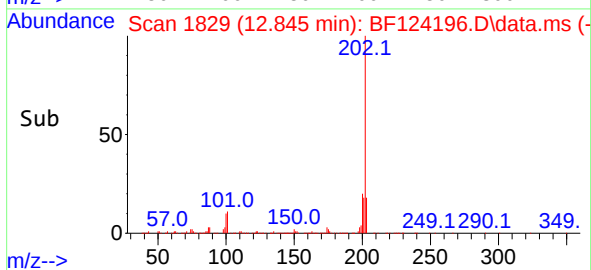
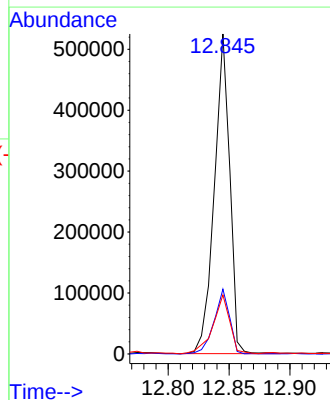
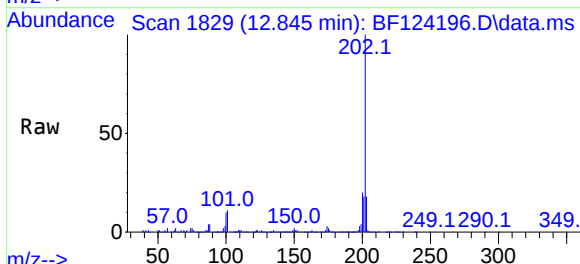
Manual Integrations
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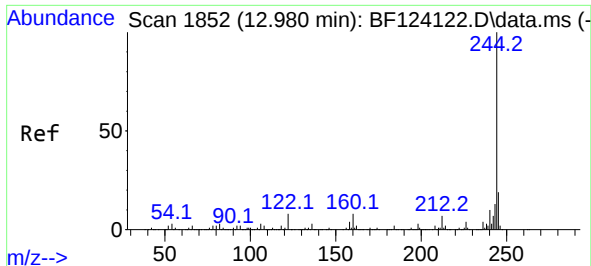
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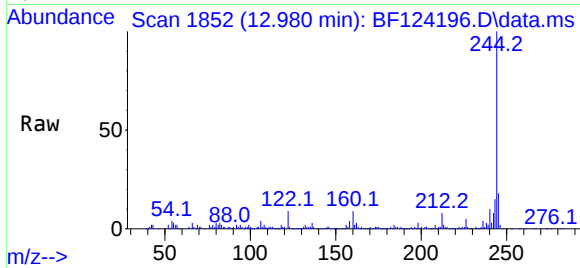
#78
Pyrene
Concen: 69.171 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

Tgt Ion:202 Resp: 462274
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 18.4 14.8 22.2

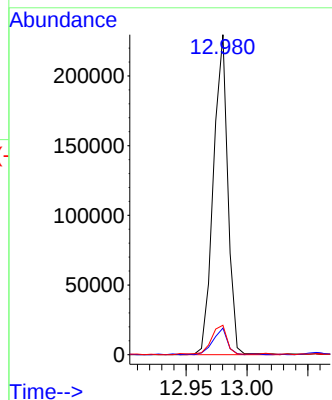




#79
Terphenyl-d14
Concen: 37.198 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02



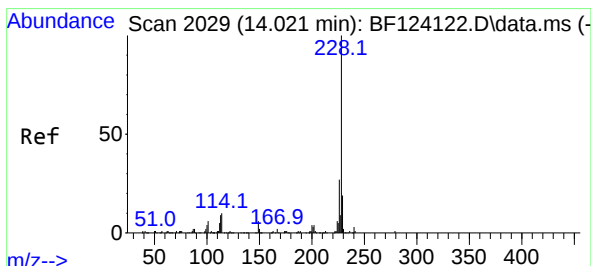
Tgt Ion:244 Resp: 188564
Ion Ratio Lower Upper
244 100
212 8.3 5.7 8.5
122 9.2 9.7 14.5#



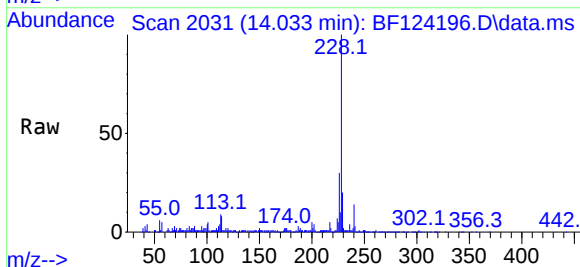
Instrument :
BNA_F
ClientSampleId :
SU-02-060321

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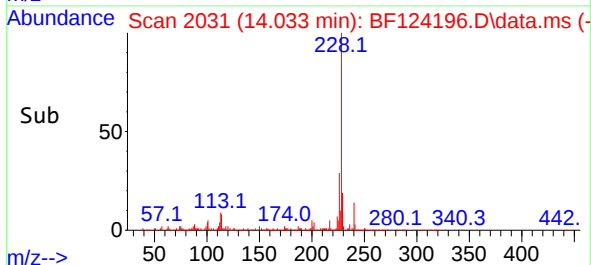
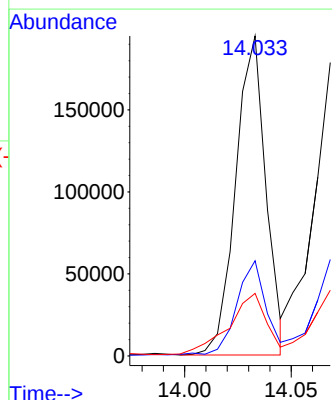
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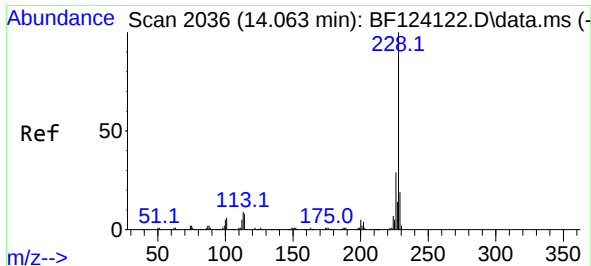


#81
Benzo(a)anthracene
Concen: 37.941 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02



Tgt Ion:228 Resp: 192364
Ion Ratio Lower Upper
228 100
226 29.8 22.4 33.6
229 19.6 16.0 24.0





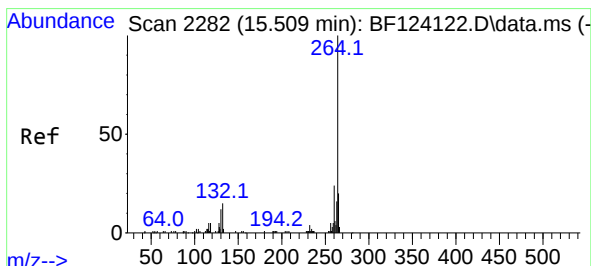
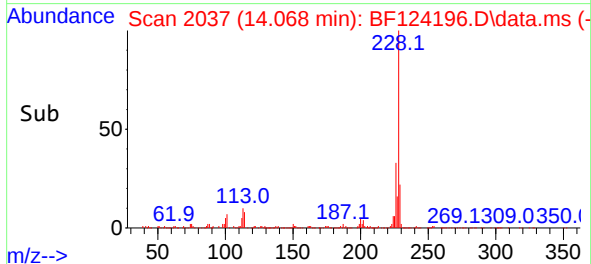
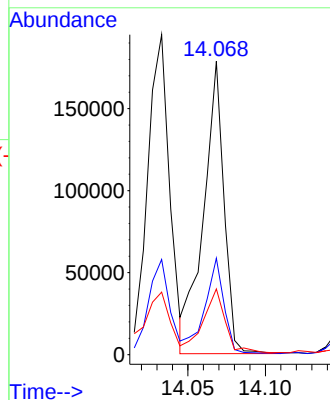
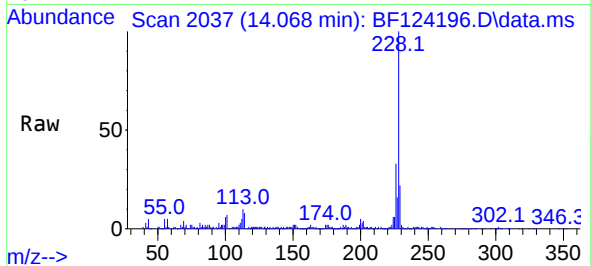
#83
Chrysene
Concen: 33.552 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

Tgt Ion:228 Resp: 164124
Ion Ratio Lower Upper
228 100
226 32.9 24.3 36.5
229 22.4 16.2 24.2

Instrument :
BNA_F
ClientSampleId :
SU-02-060321

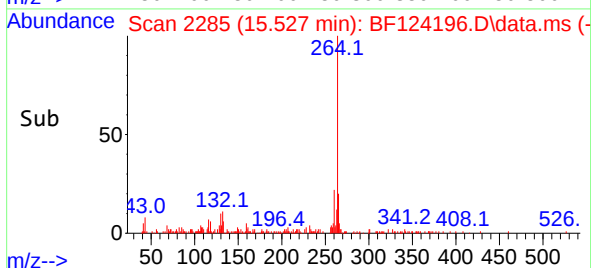
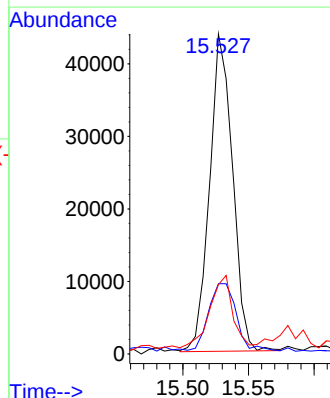
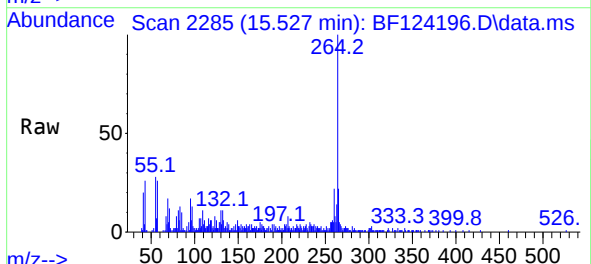
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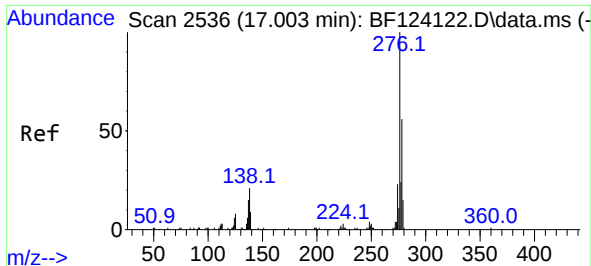
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.018 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

Tgt Ion:264 Resp: 53395
Ion Ratio Lower Upper
264 100
260 22.0 18.7 28.1
265 21.7 17.8 26.8





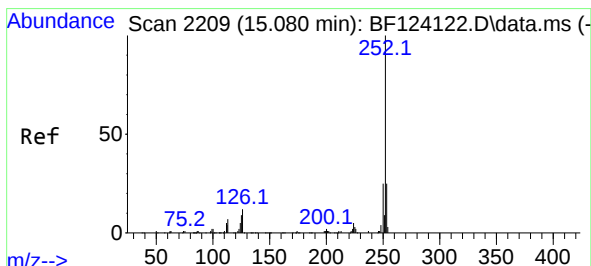
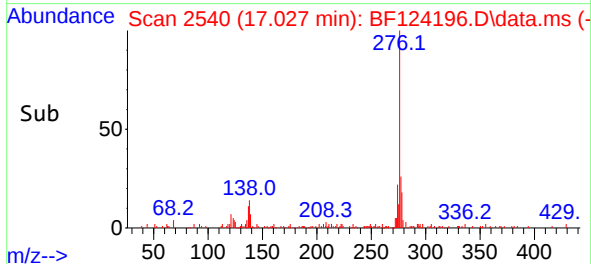
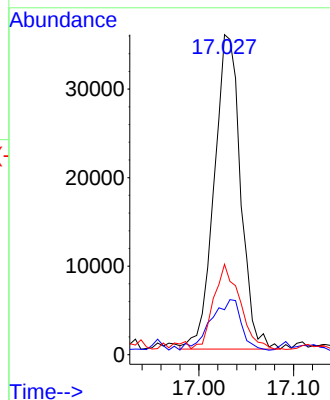
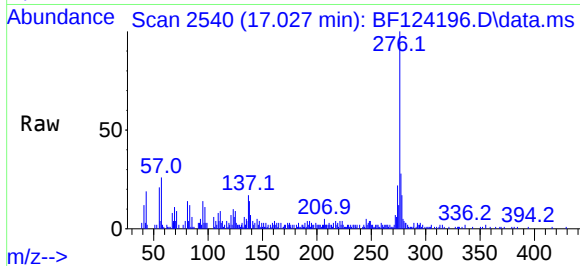
#87
Indeno(1,2,3-cd)pyrene
Concen: 18.421 ng
RT: 17.027 min Scan# 2540
Delta R.T. 0.024 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

Tgt Ion:	276	Resp:	68815
Ion Ratio	Lower	Upper	
276	100		
138	21.4	16.2	24.2
277	27.0	20.1	30.1

Instrument :
BNA_F
ClientSampleId :
SU-02-060321

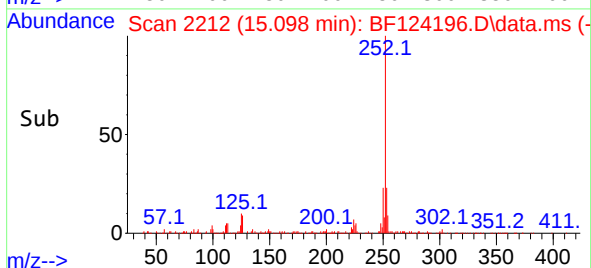
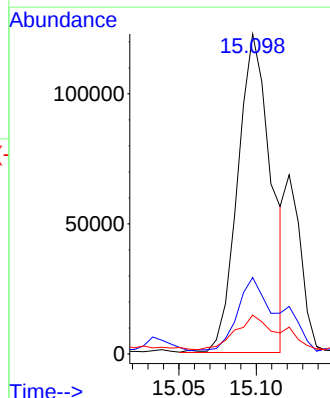
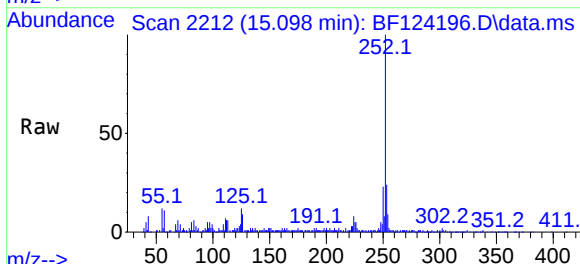
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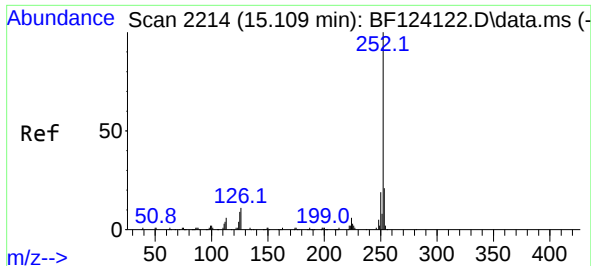
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#88
Benzo(b)fluoranthene
Concen: 44.324 ng m
RT: 15.098 min Scan# 2212
Delta R.T. 0.018 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

Tgt Ion:	252	Resp:	183844
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.1	27.1
125	12.2	6.2	9.4#





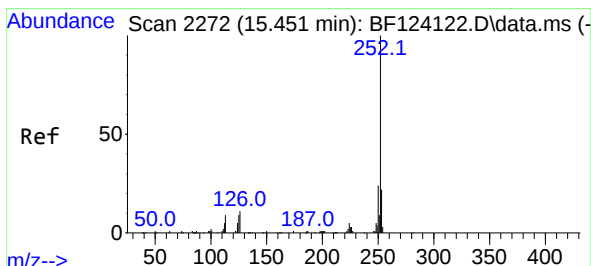
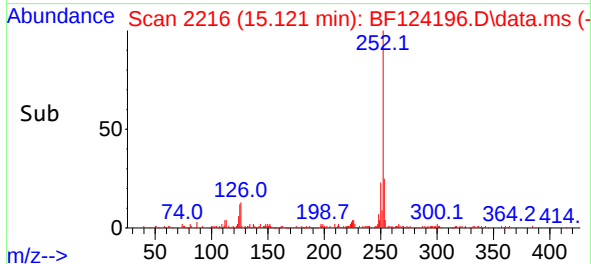
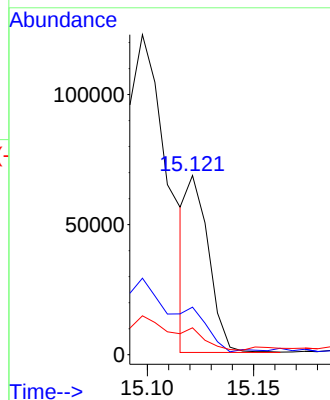
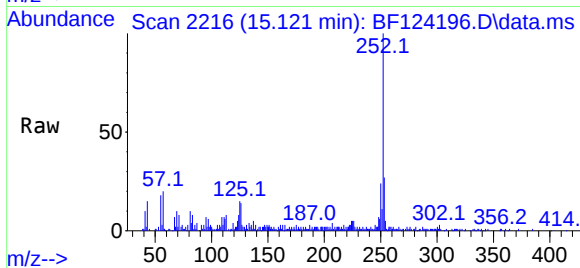
#89
Benzo(k)fluoranthene
Concen: 12.259 ng m
RT: 15.121 min Scan# 2216
Delta R.T. 0.012 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

Tgt Ion:252 Resp: 48136
Ion Ratio Lower Upper
252 100
253 26.5 17.9 26.9
125 15.0 7.0 10.6#

Instrument :
BNA_F
ClientSampleId :
SU-02-060321

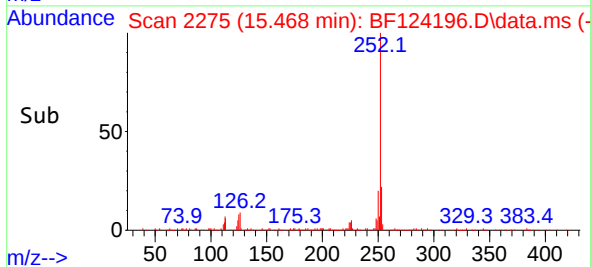
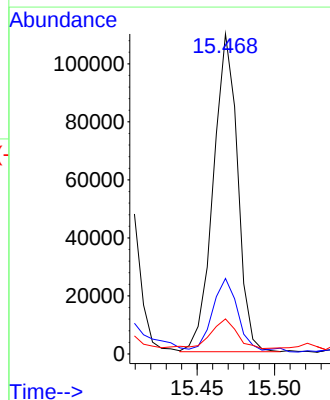
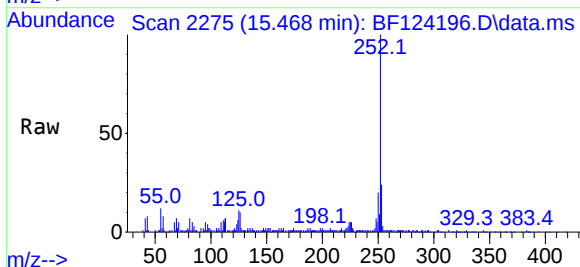
Manual Integrations
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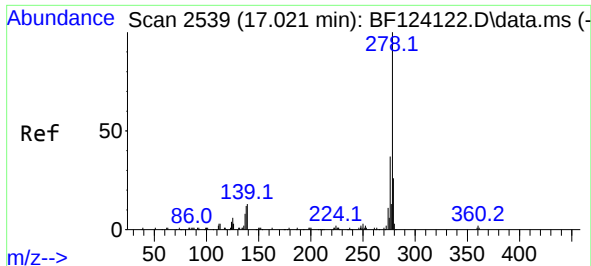
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#90
Benzo(a)pyrene
Concen: 33.130 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.018 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

Tgt Ion:252 Resp: 119354
Ion Ratio Lower Upper
252 100
253 23.6 18.4 27.6
125 11.0 8.0 12.0





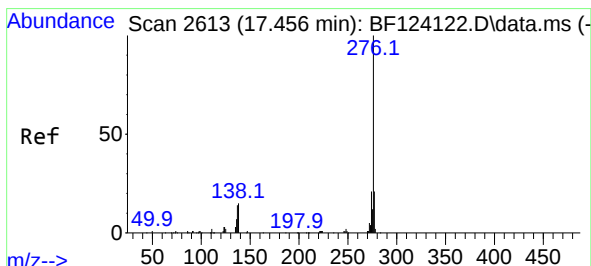
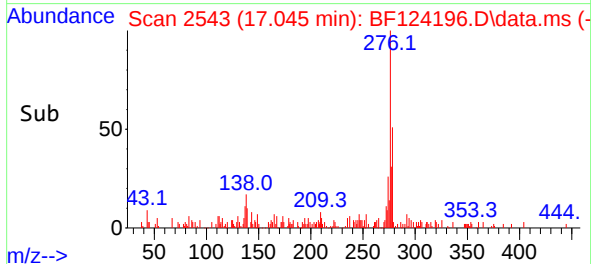
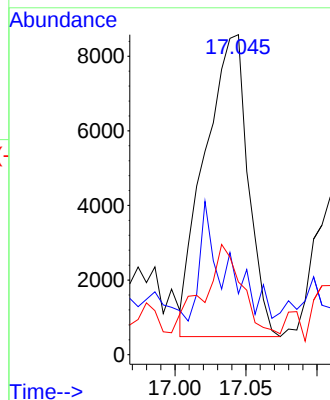
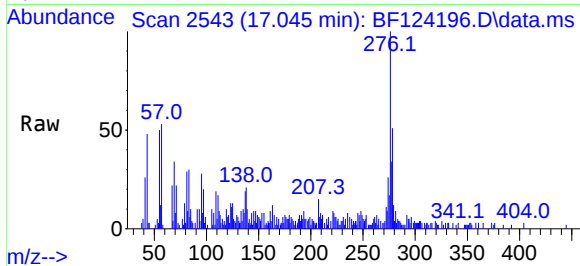
#91
Dibenzo(a,h)anthracene
Concen: 8.311 ng
RT: 17.045 min Scan# 2543
Delta R.T. 0.024 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

Tgt Ion: 278 Resp: 17181
Ion Ratio Lower Upper
278 100
139 19.0 10.2 15.2#
279 22.7 19.4 29.0

Instrument :
BNA_F
ClientSampleId :
SU-02-060321

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#92
Benzo(g,h,i)perylene
Concen: 18.882 ng
RT: 17.486 min Scan# 2618
Delta R.T. 0.030 min
Lab File: BF124196.D
Acq: 9 Jun 2021 00:02

Tgt Ion: 276 Resp: 61282
Ion Ratio Lower Upper
276 100
277 23.0 18.2 27.2
138 21.5 13.8 20.6#

