

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
 Data File : BF123513.D
 Acq On : 30 Mar 2021 00:35
 Operator : JU/CG
 Sample : M1810-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 600486548-BIN-1

Manual Integrations
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Quant Time: Mar 30 03:21:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	245035	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	864432	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	425985	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	635868	20.00	ng	0.00
76) Chrysene-d12	14.080	240	479654	20.00	ng	0.00
86) Perylene-d12	15.580	264	513661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	530213	35.40	ng	0.00
7) Phenol-d6	6.516	99	659510	33.08	ng	-0.01
23) Nitrobenzene-d5	7.457	82	432188	26.98	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	143329	30.10	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	714927	23.98	ng	0.00
79) Terphenyl-d14	13.016	244	503605	17.79	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.204	128	104369	2.25	ng	99
52) Acenaphthene	9.975	154	147165	5.63	ng	98
55) Dibenzofuran	10.145	168	128912	3.43	ng	98
58) Fluorene	10.486	166	169502	5.97	ng	100
71) Phenanthrene	11.457	178	953153	27.12	ng	98
72) Anthracene	11.504	178	373437	10.56	ng	98
75) Fluoranthene	12.651	202	1331926	35.00	ng	97
78) Pyrene	12.880	202	1104804	26.70	ng	99
81) Benzo(a)anthracene	14.068	228	566884	18.06	ng	100
83) Chrysene	14.104	228	452400	13.96	ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	236428	7.41	ng	93
88) Benzo(b)fluoranthene	15.139	252	623647m	17.60	ng	
89) Benzo(k)fluoranthene	15.163	252	190027m	5.67	ng	
90) Benzo(a)pyrene	15.515	252	463945	15.17	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	60598m	2.24	ng	
92) Benzo(g,h,i)perylene	17.545	276	205779	7.59	ng	95

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

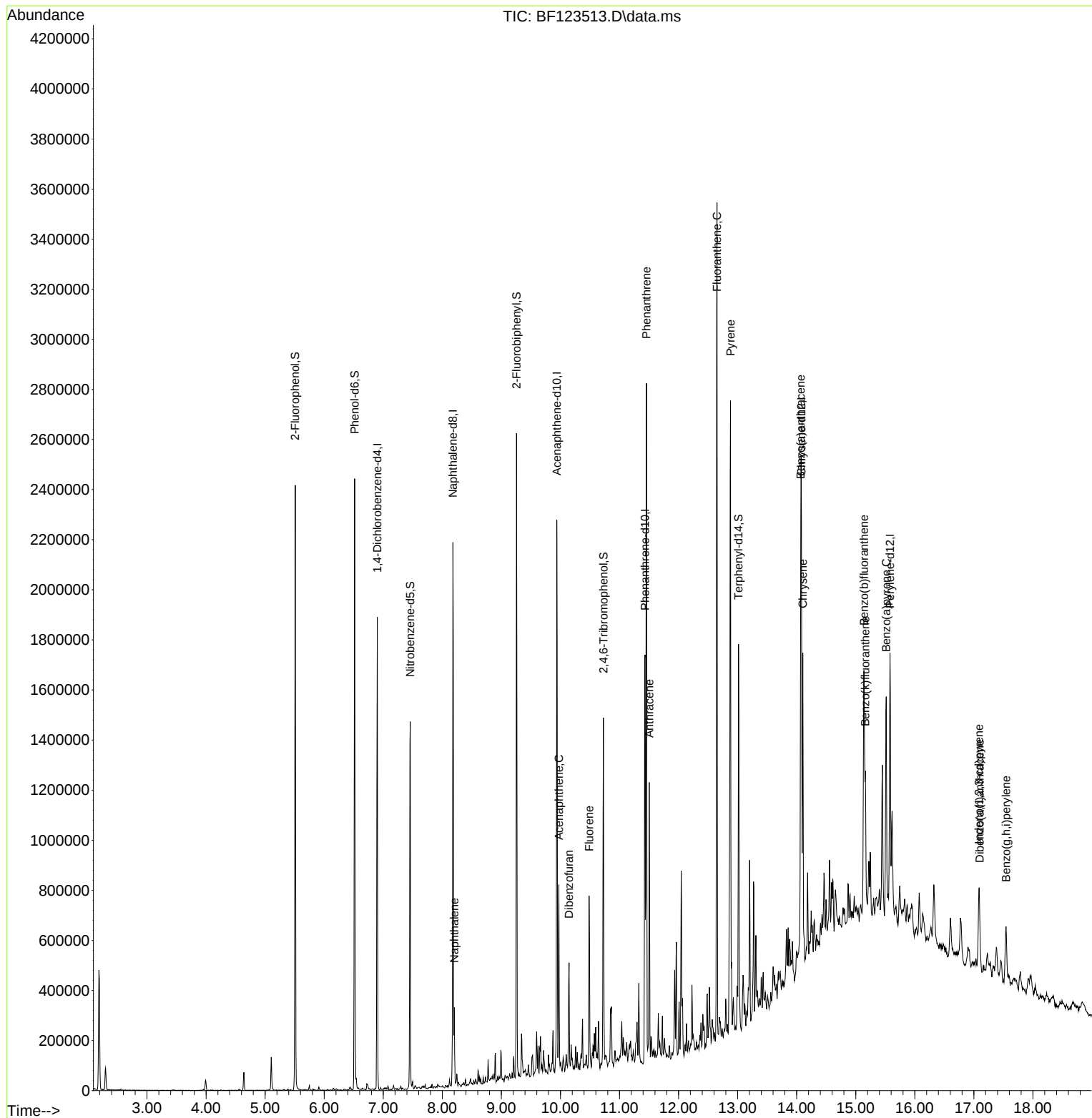
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
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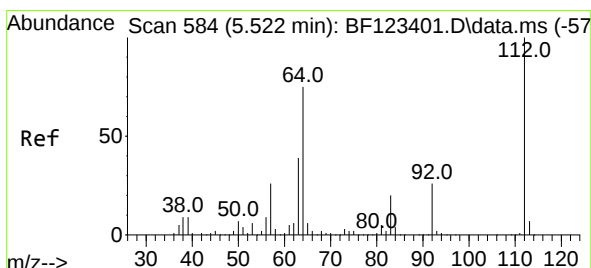
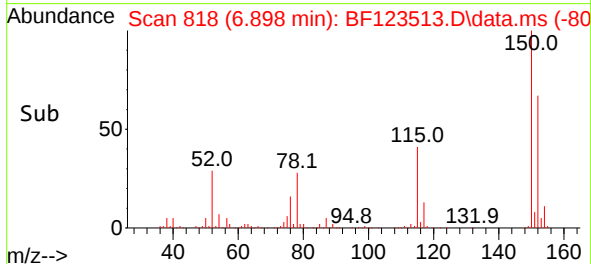
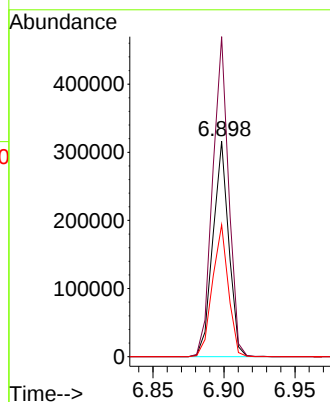
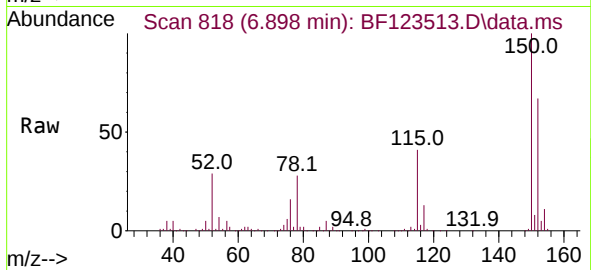
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Instrument :
BNA_F
ClientSampleId :
600486548-BIN-1

Tgt Ion:152 Resp: 245035
Ion Ratio Lower Upper
152 100
150 148.5 125.8 188.6
115 61.2 49.3 73.9

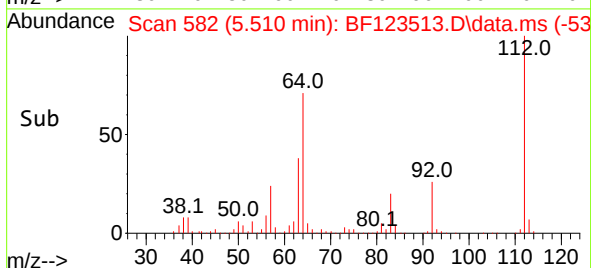
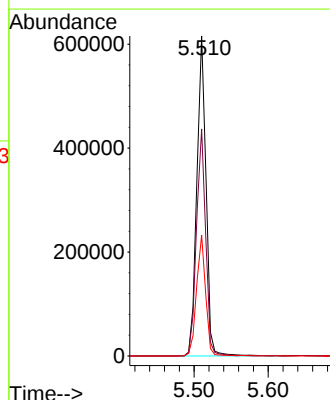
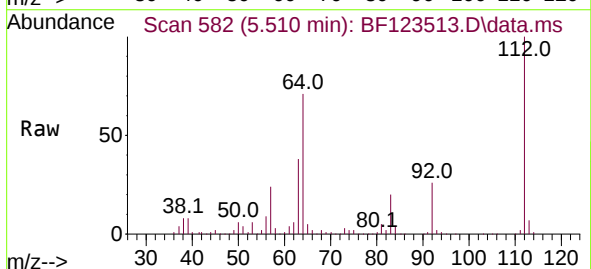
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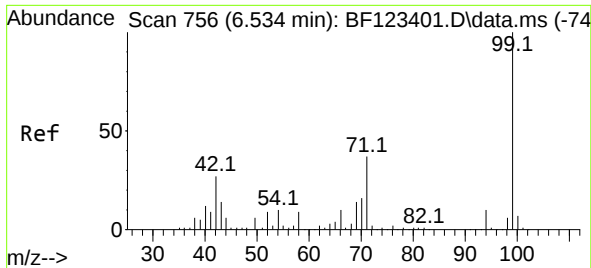
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#5
2-Fluorophenol
Concen: 35.40 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Tgt Ion:112 Resp: 530213
Ion Ratio Lower Upper
112 100
64 70.9 46.9 70.3#
63 37.8 24.5 36.7#





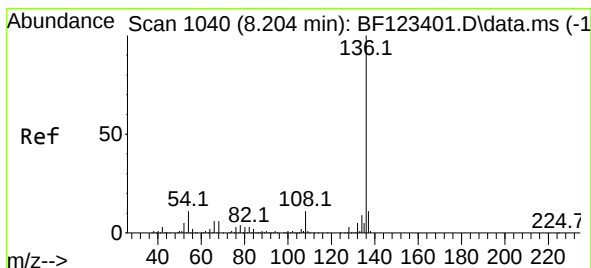
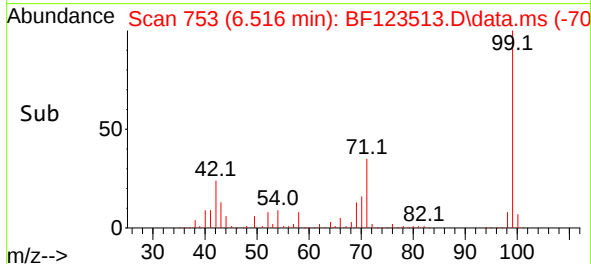
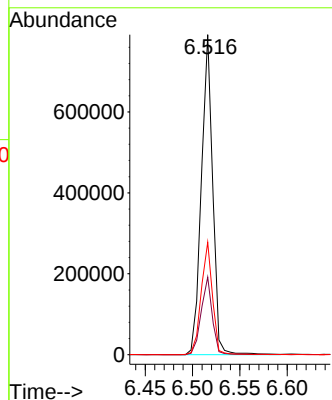
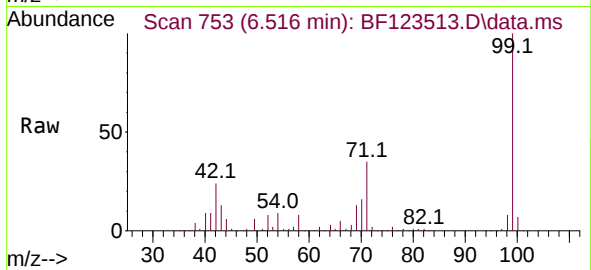
#7
Phenol-d6
Concen: 33.08 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Tgt Ion: 99 Resp: 659510
Ion Ratio Lower Upper
99 100
42 24.3 13.8 20.6#
71 35.1 26.9 40.3

Instrument :
BNA_F
ClientSampleId :
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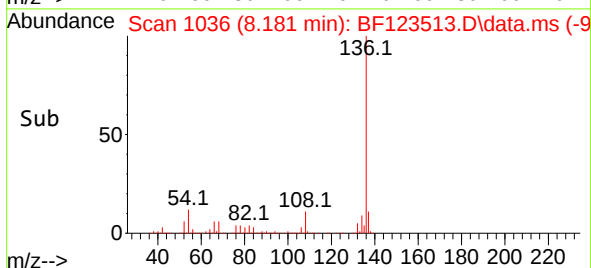
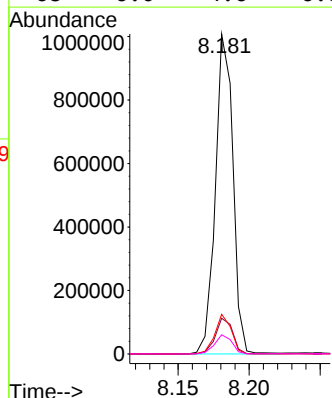
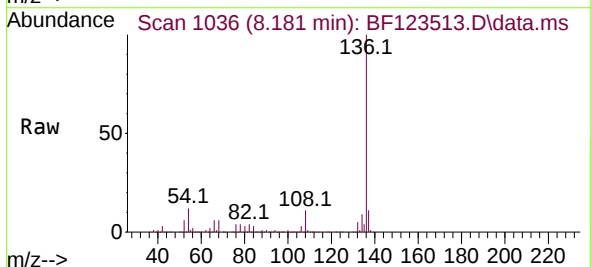
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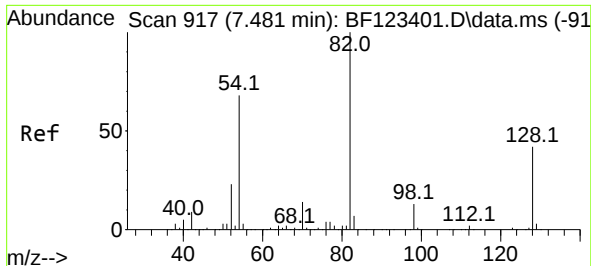
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Tgt Ion: 136 Resp: 864432
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 12.4 5.5 8.3#
68 6.0 4.6 6.8





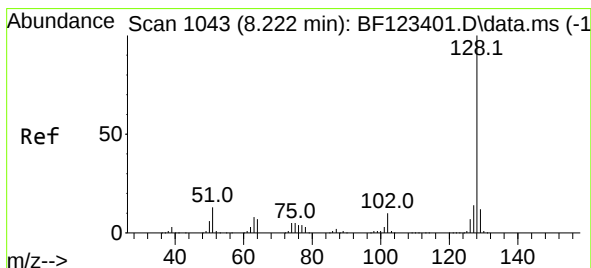
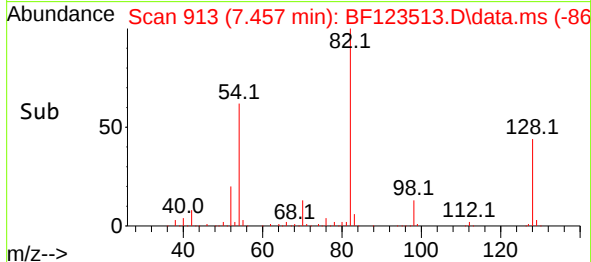
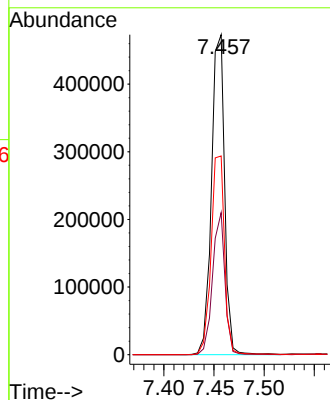
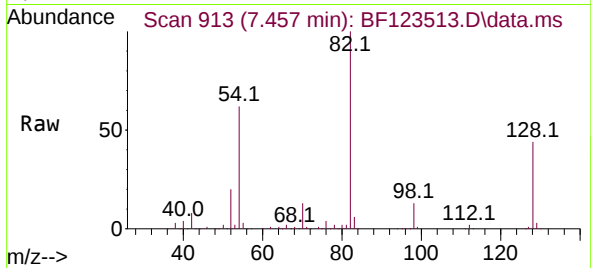
#23
Nitrobenzene-d5
Concen: 26.98 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Tgt Ion: 82 Resp: 432188
Ion Ratio Lower Upper
82 100
128 44.4 37.0 55.4
54 62.1 38.4 57.6#

Instrument :
BNA_F
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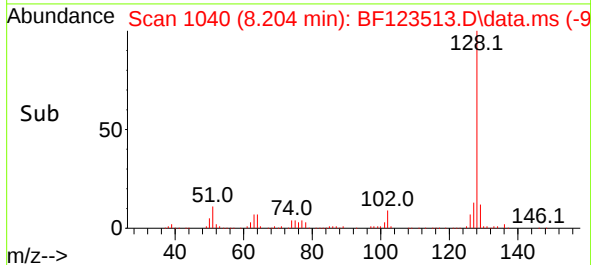
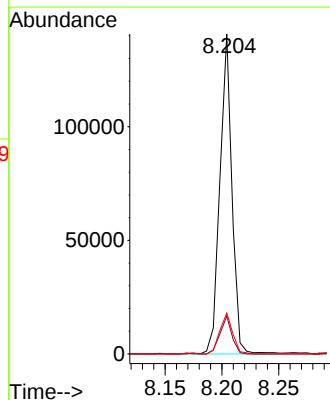
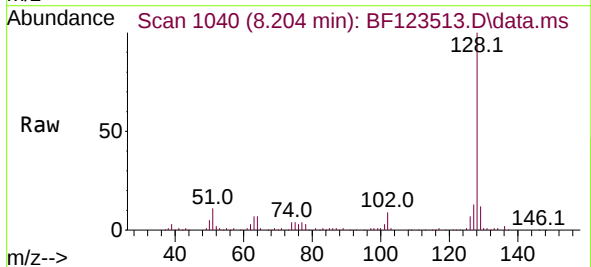
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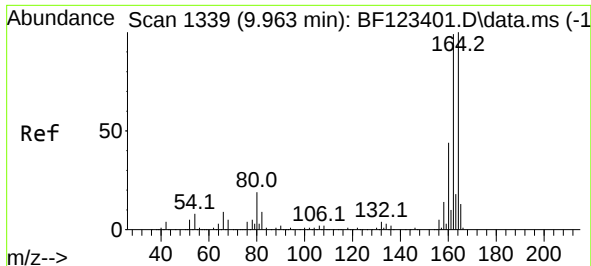
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#31
Naphthalene
Concen: 2.25 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

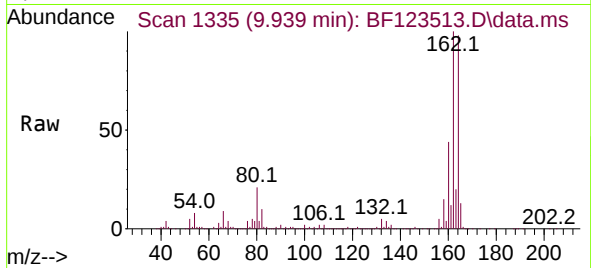
Tgt Ion: 128 Resp: 104369
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 12.8 10.7 16.1





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

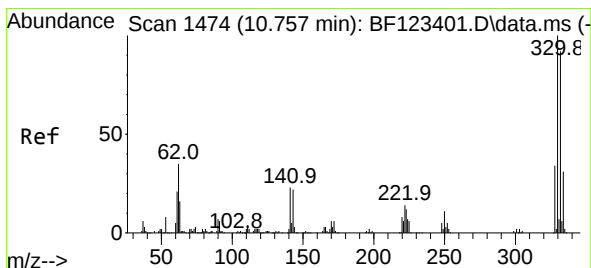
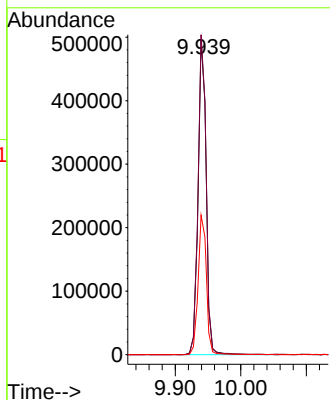
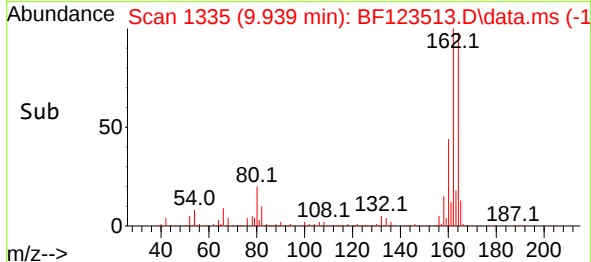
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ClientSampleId :
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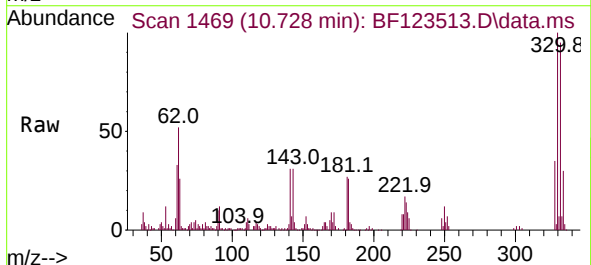
Tgt Ion:164 Resp: 425985
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 44.3 35.4 53.0

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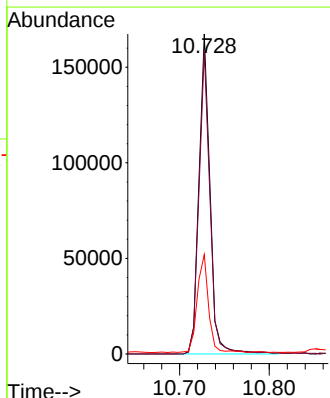
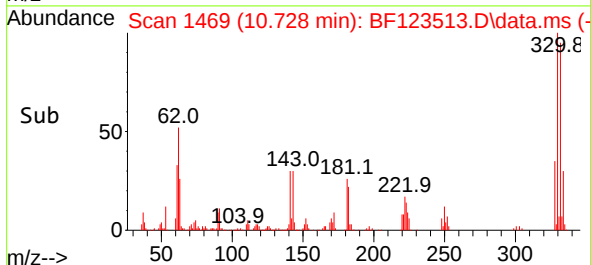
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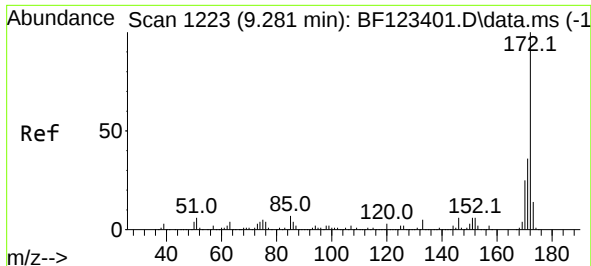


#42
2,4,6-Tribromophenol
Concen: 30.10 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.012 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35



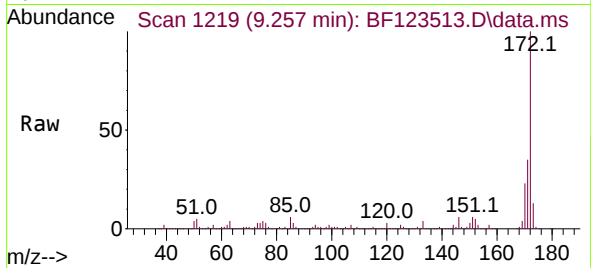
Tgt Ion:330 Resp: 143329
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 31.5 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 23.98 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

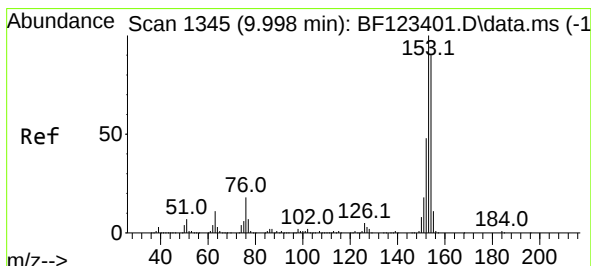
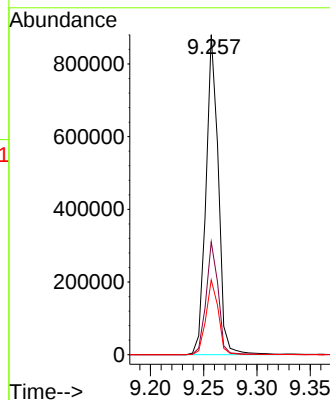
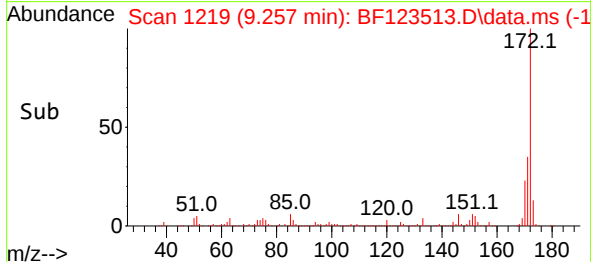
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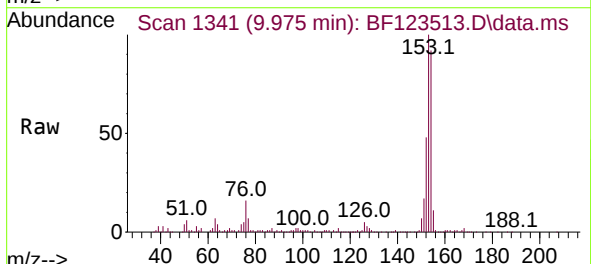
Tgt Ion:172 Resp: 714927
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.3 19.5 29.3

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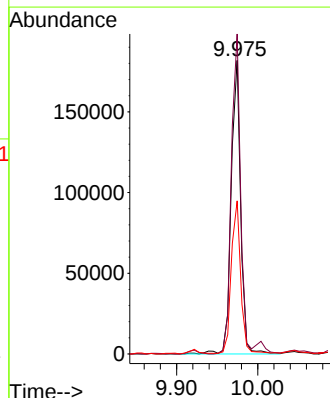
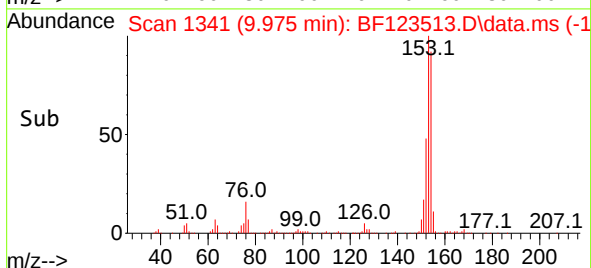
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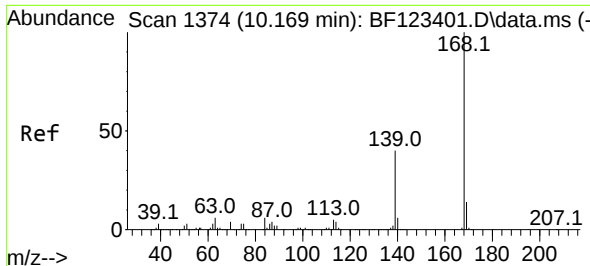


#52
Acenaphthene
Concen: 5.63 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35



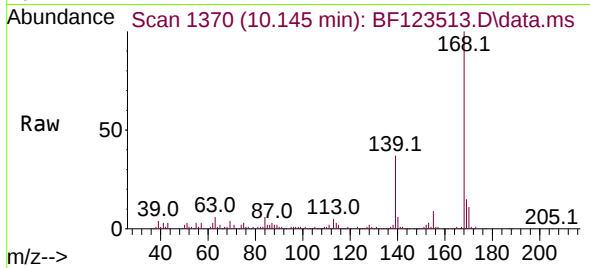
Tgt Ion:154 Resp: 147165
Ion Ratio Lower Upper
154 100
153 109.0 89.0 133.6
152 52.2 42.7 64.1





#55
Dibenzenofuran
Concen: 3.43 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

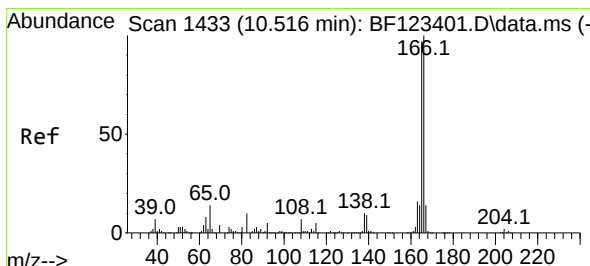
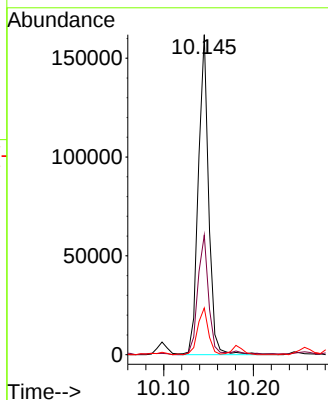
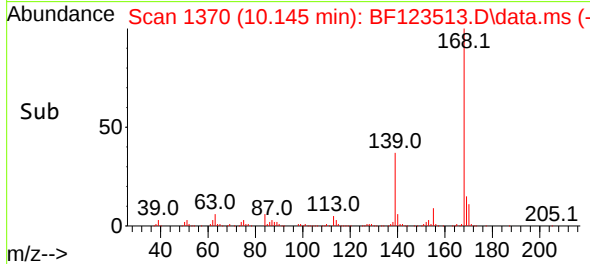
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600486548-BIN-1



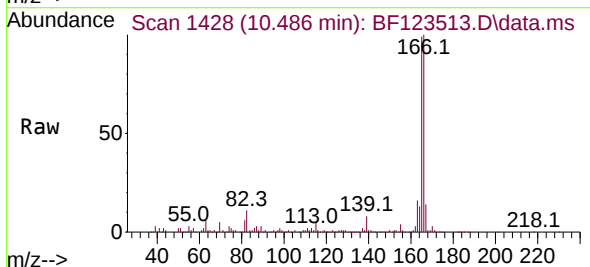
Tgt Ion:168 Resp: 128912
Ion Ratio Lower Upper
168 100
139 37.4 31.3 46.9
169 14.6 11.2 16.8

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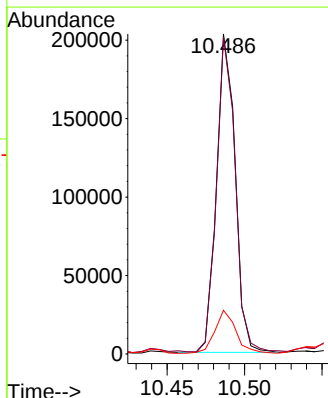
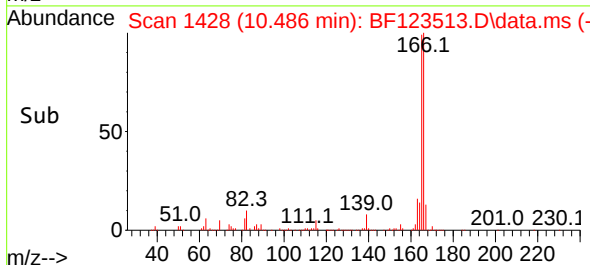
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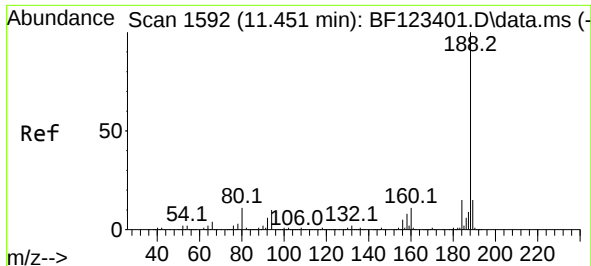


#58
Fluorene
Concen: 5.97 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35



Tgt Ion:166 Resp: 169502
Ion Ratio Lower Upper
166 100
165 99.0 79.4 119.0
167 13.7 10.9 16.3





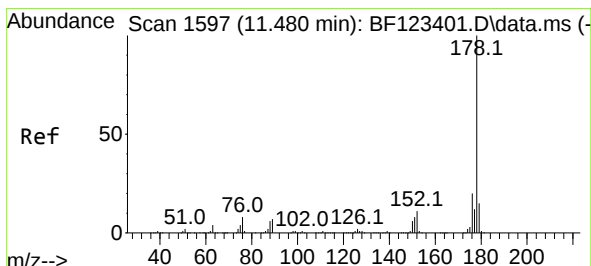
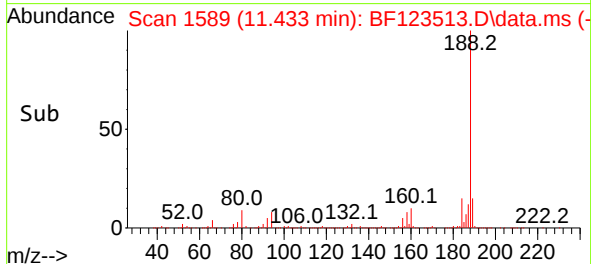
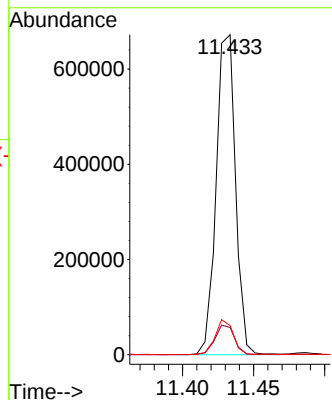
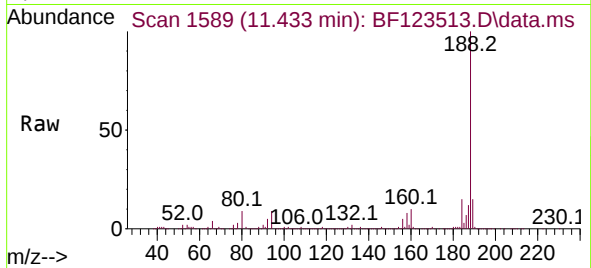
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Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Instrument :
BNA_F
ClientSampleId :
600486548-BIN-1

Tgt Ion:188 Resp: 635868
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.1 8.2 12.4

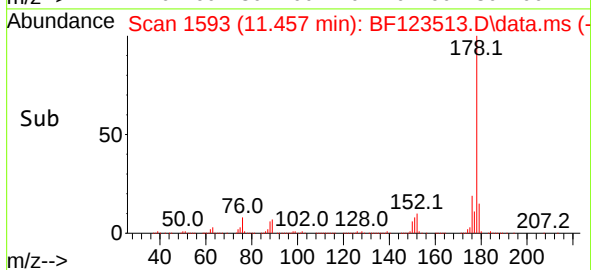
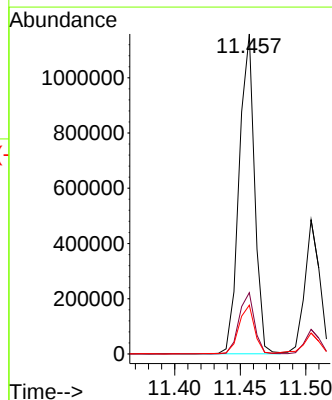
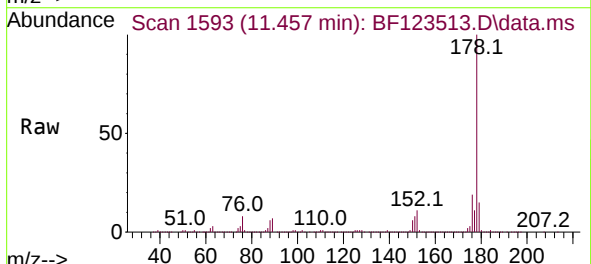
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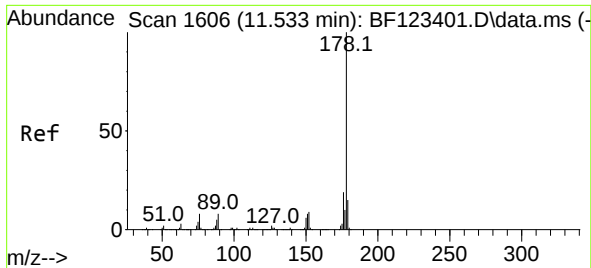
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#71
Phenanthrene
Concen: 27.12 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

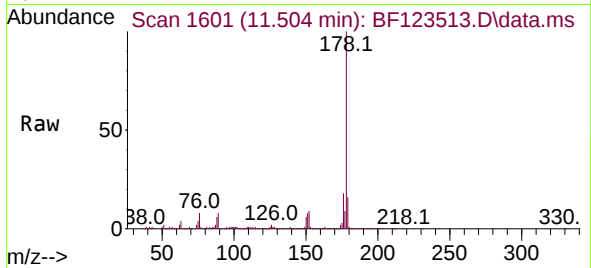
Tgt Ion:178 Resp: 953153
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.2
179 15.2 12.7 19.1





#72
 Anthracene
 Concen: 10.56 ng
 RT: 11.504 min Scan# 1601
 Delta R.T. -0.012 min
 Lab File: BF123513.D
 Acq: 30 Mar 2021 00:35

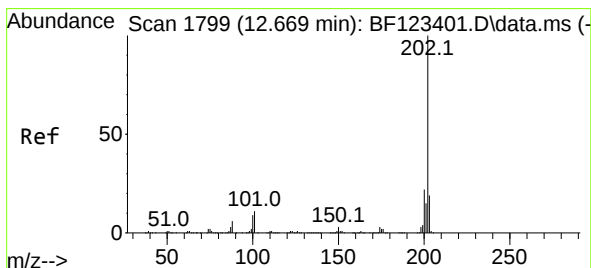
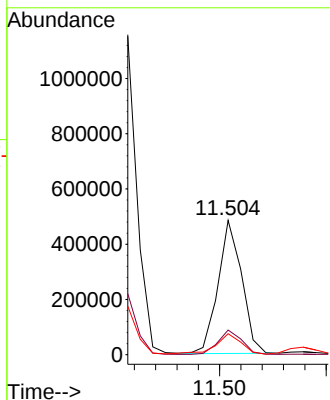
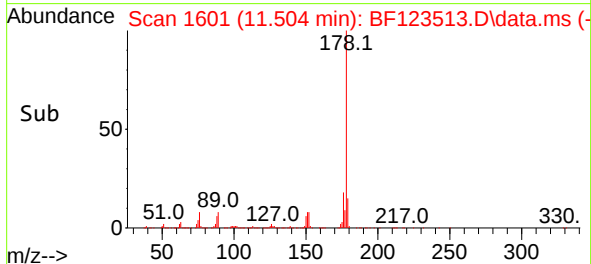
Instrument :
 BNA_F
 ClientSampleId :
 600486548-BIN-1



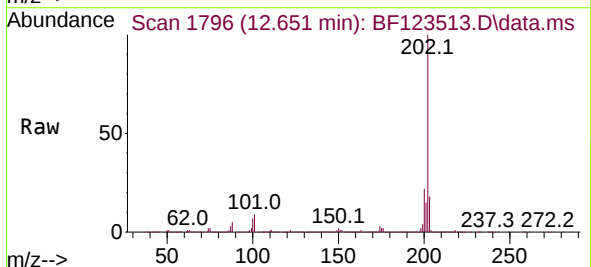
Tgt Ion:178 Resp: 373437
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.6 23.4
 179 15.6 12.8 19.2

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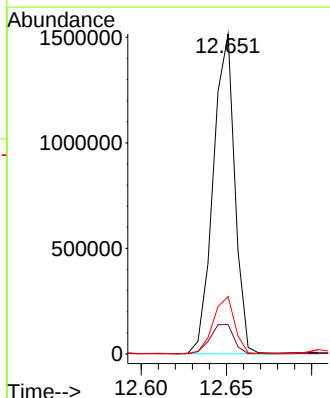
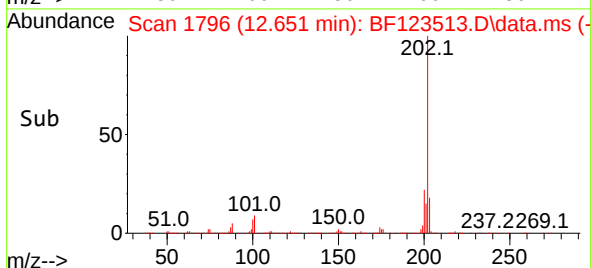
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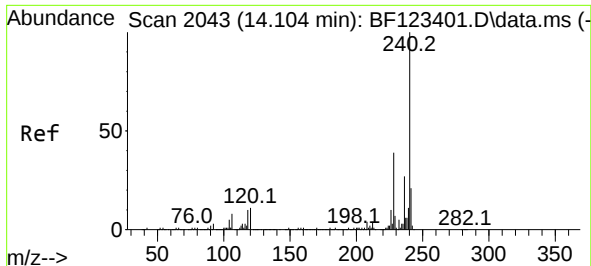


#75
 Fluoranthene
 Concen: 35.00 ng
 RT: 12.651 min Scan# 1796
 Delta R.T. 0.000 min
 Lab File: BF123513.D
 Acq: 30 Mar 2021 00:35



Tgt Ion:202 Resp: 1331926
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 32.2
 203 18.0 0.0 38.1





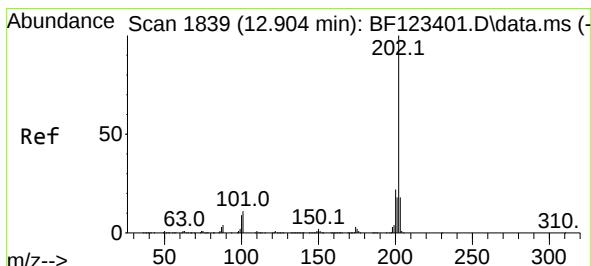
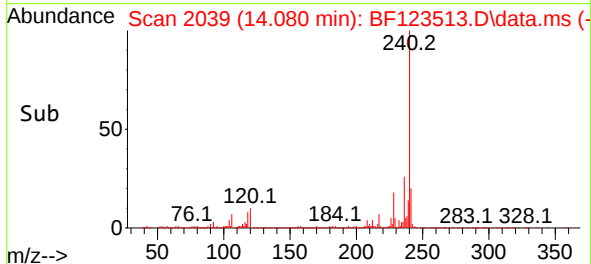
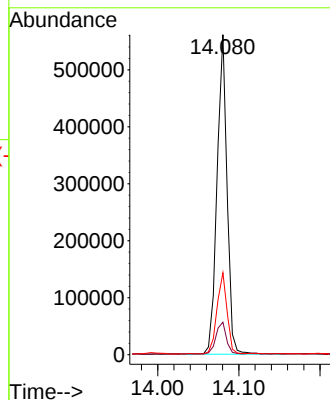
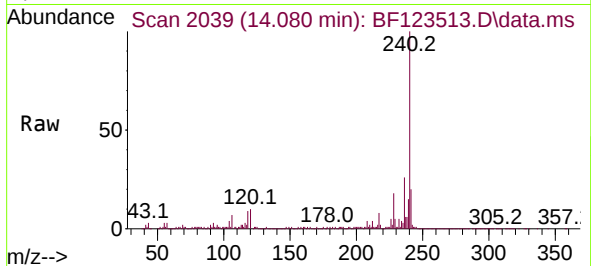
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Tgt Ion:240 Resp: 479654
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 25.6 20.3 30.5

Instrument :
BNA_F
ClientSampleId :
600486548-BIN-1

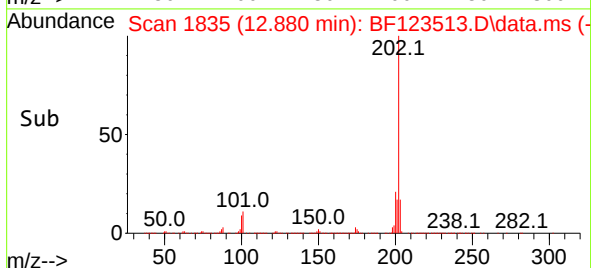
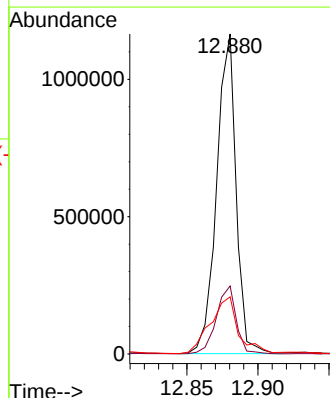
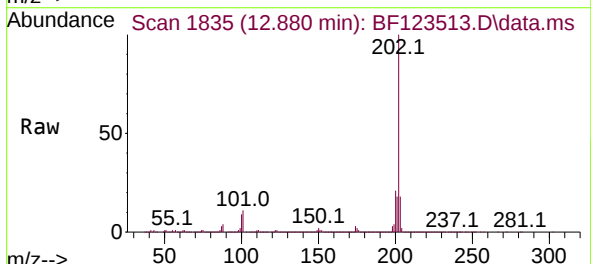
Manual Integrations
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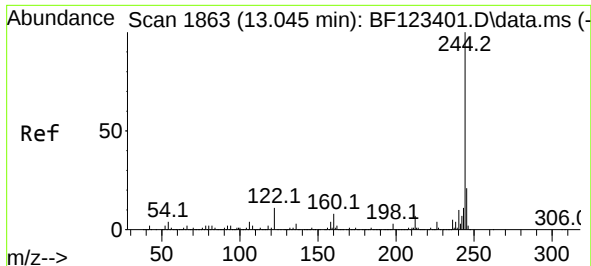
mohammad
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#78
Pyrene
Concen: 26.70 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

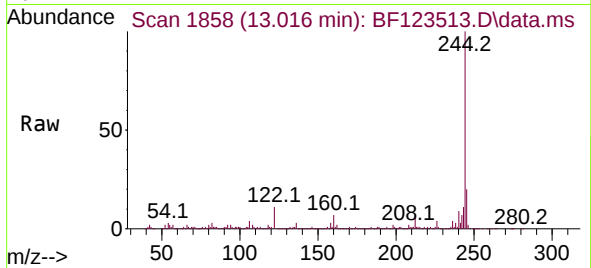
Tgt Ion:202 Resp: 1104804
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 17.9 14.6 21.8





#79
Terphenyl-d14
Concen: 17.79 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

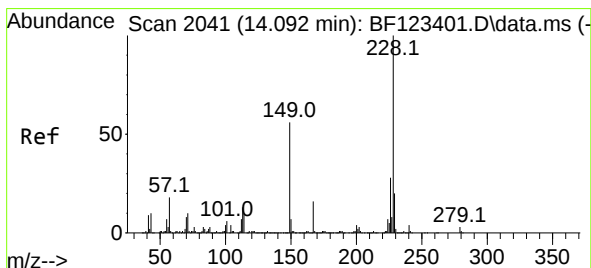
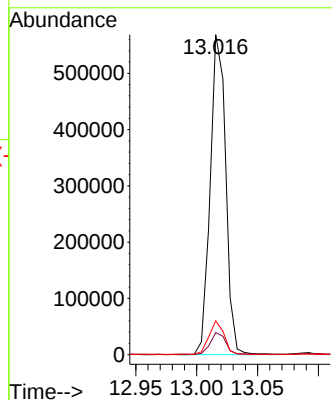
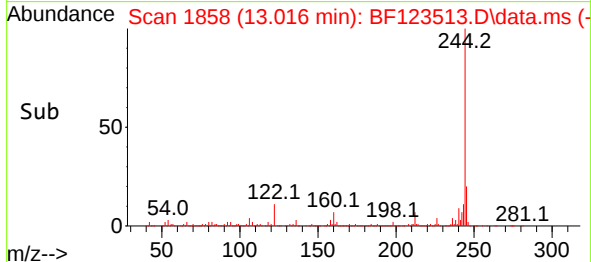
Instrument :
BNA_F
ClientSampleId :
600486548-BIN-1



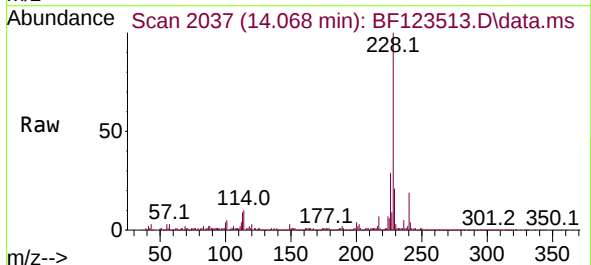
Tgt Ion:244 Resp: 503605
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.6 8.3 12.5

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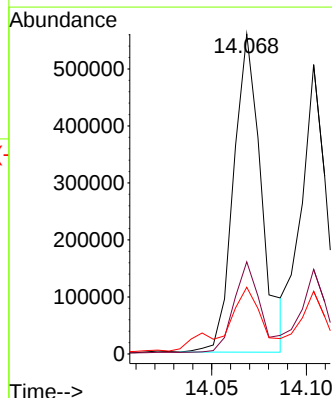
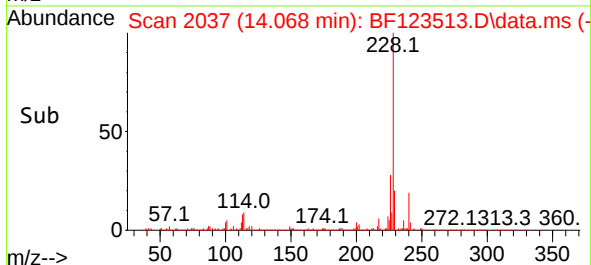
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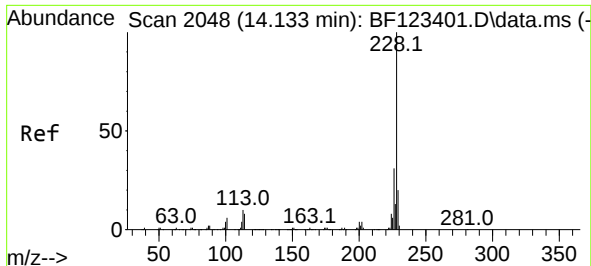


#81
Benzo(a)anthracene
Concen: 18.06 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35



Tgt Ion:228 Resp: 566884
Ion Ratio Lower Upper
228 100
226 28.8 23.0 34.4
229 20.8 16.6 24.8





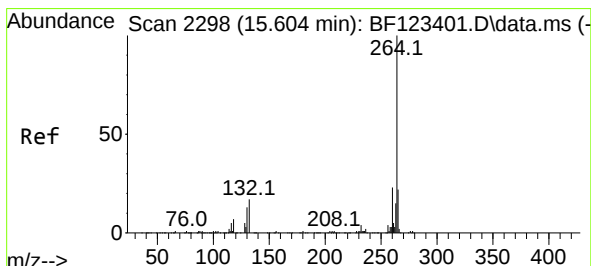
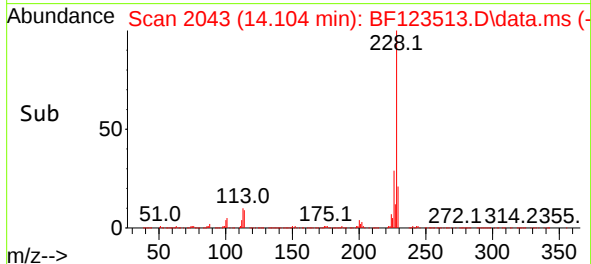
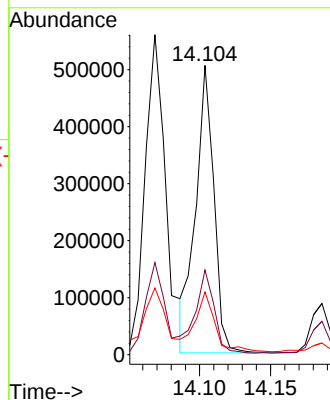
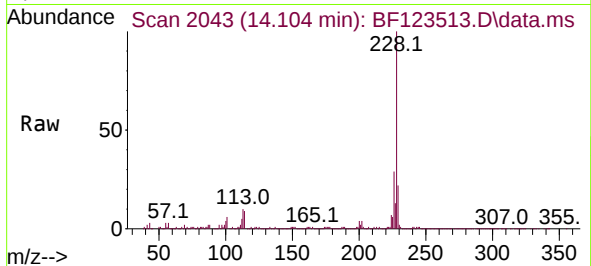
#83
Chrysene
Concen: 13.96 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Tgt Ion:228 Resp: 452400
Ion Ratio Lower Upper
228 100
226 29.3 24.6 36.8
229 21.7 15.8 23.6

Instrument :
BNA_F
ClientSampleId :
600486548-BIN-1

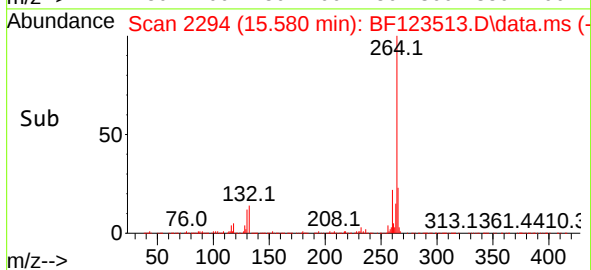
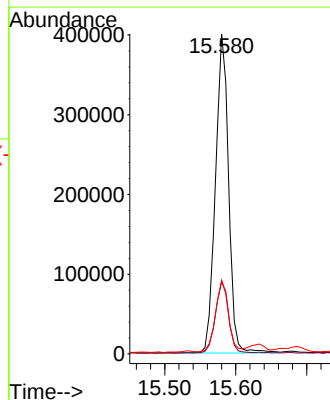
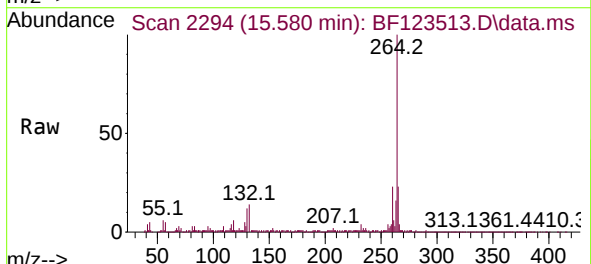
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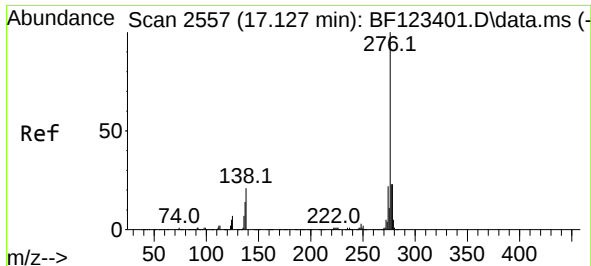
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Tgt Ion:264 Resp: 513661
Ion Ratio Lower Upper
264 100
260 22.5 18.6 28.0
265 23.1 17.0 25.6





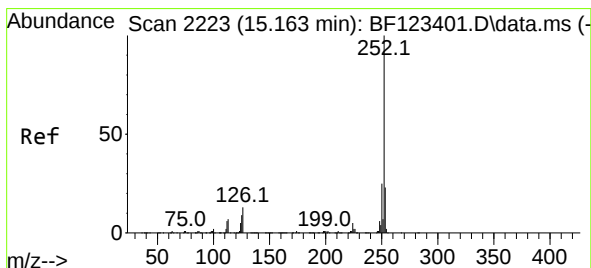
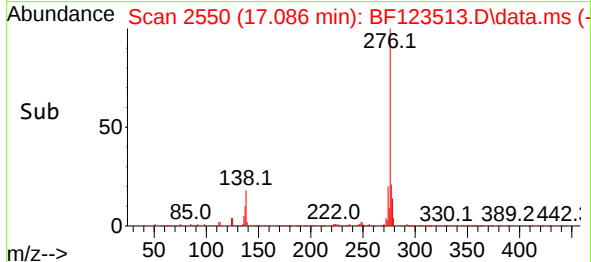
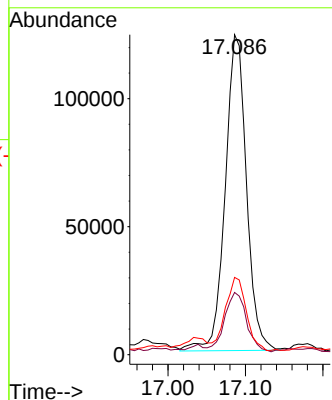
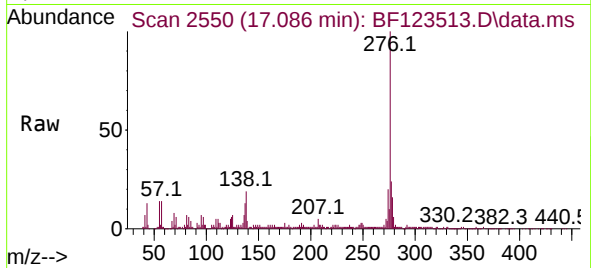
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.41 ng
RT: 17.086 min Scan# 2550
Delta R.T. -0.012 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Tgt Ion: 276 Resp: 236428
Ion Ratio Lower Upper
276 100
138 19.2 18.7 28.1
277 22.8 20.2 30.4

Instrument :
BNA_F
ClientSampleId :
600486548-BIN-1

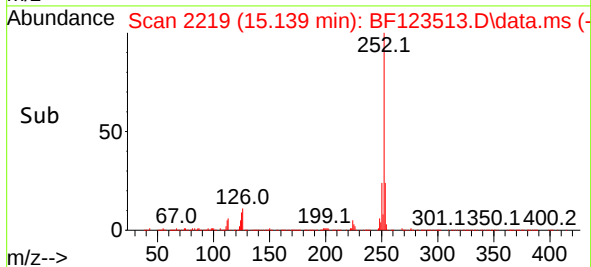
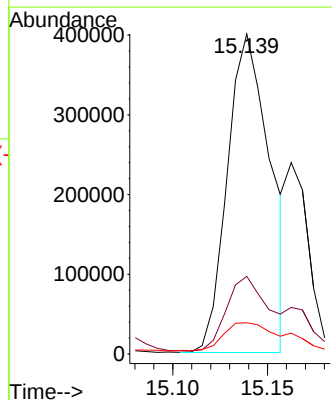
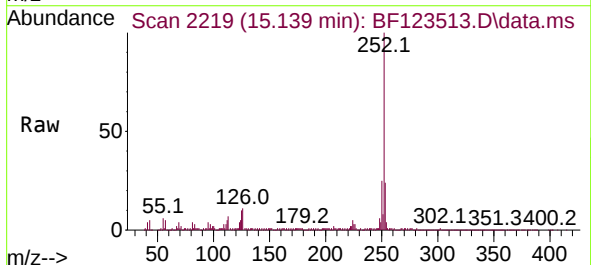
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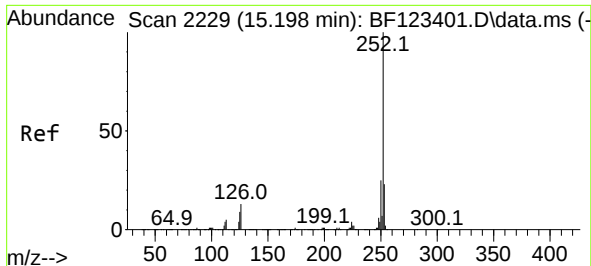
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#88
Benzo(b)fluoranthene
Concen: 17.60 ng m
RT: 15.139 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Tgt Ion: 252 Resp: 623647
Ion Ratio Lower Upper
252 100
253 24.3 18.3 27.5
125 9.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 5.67 ng m

RT: 15.163 min Scan# 2223

Delta R.T. -0.012 min

Lab File: BF123513.D

Acq: 30 Mar 2021 00:35

Tgt Ion:	252	Resp:	190027
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.8	26.8
125	10.9	8.4	12.6

Instrument :

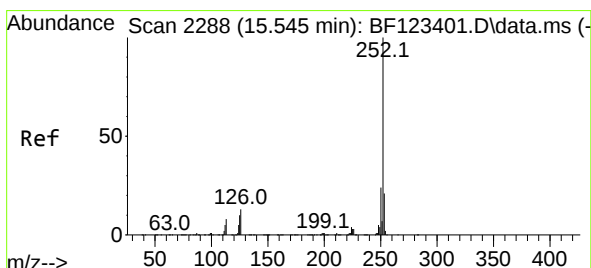
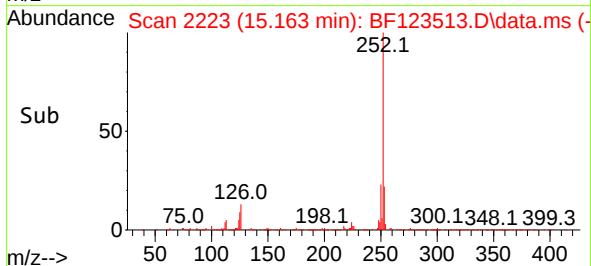
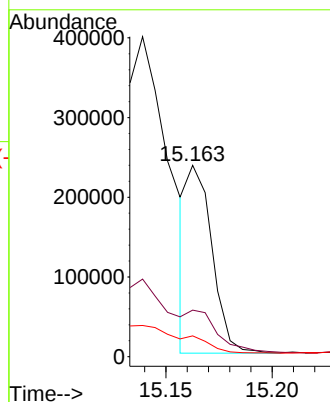
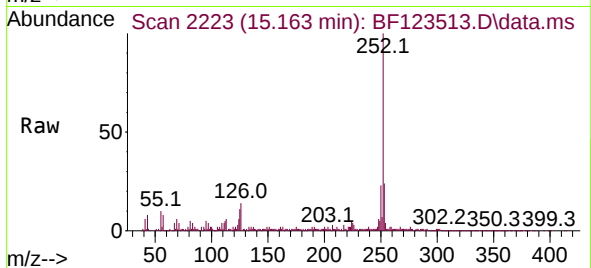
BNA_F

ClientSampleId :

600486548-BIN-1

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#90

Benzo(a)pyrene

Concen: 15.17 ng

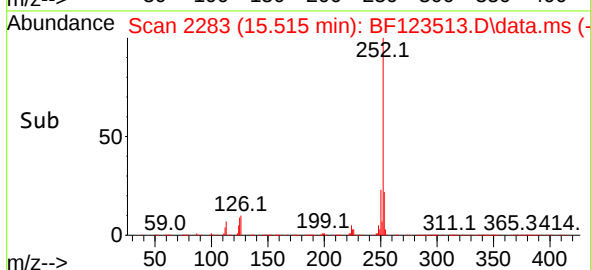
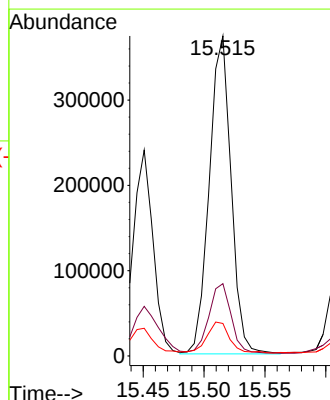
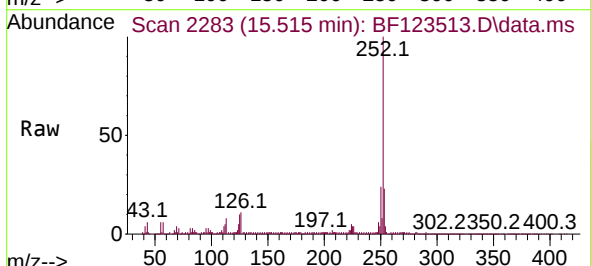
RT: 15.515 min Scan# 2283

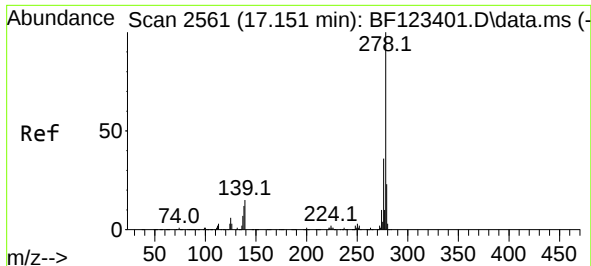
Delta R.T. -0.006 min

Lab File: BF123513.D

Acq: 30 Mar 2021 00:35

Tgt Ion:	252	Resp:	463945
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	10.2	8.6	12.8





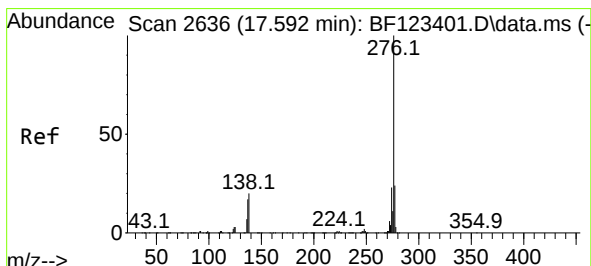
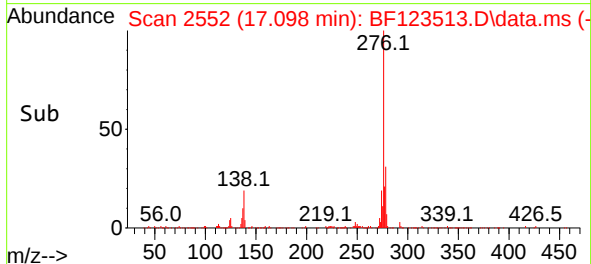
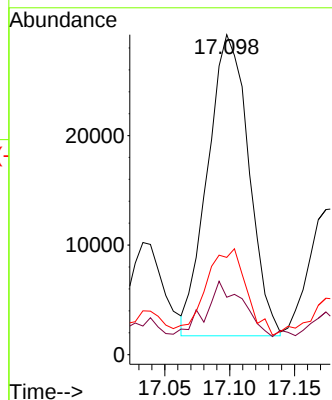
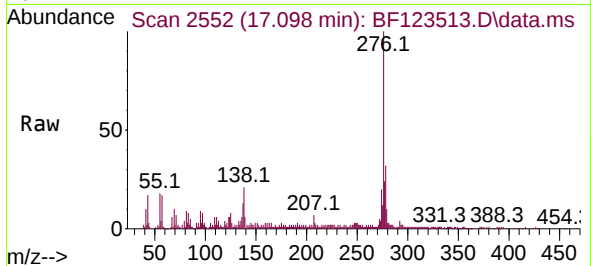
#91
Dibenzo(a,h)anthracene
Concen: 2.24 ng m
RT: 17.098 min Scan# 2552
Delta R.T. -0.023 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Tgt Ion:278 Resp: 60598
Ion Ratio Lower Upper
278 100
139 18.0 12.0 18.0
279 30.4 19.4 29.2#

Instrument :
BNA_F
ClientSampleId :
600486548-BIN-1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.59 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.012 min
Lab File: BF123513.D
Acq: 30 Mar 2021 00:35

Tgt Ion:276 Resp: 205779
Ion Ratio Lower Upper
276 100
277 23.1 19.3 28.9
138 17.2 16.6 24.8

