

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130507.D
 Acq On : 03 Oct 2022 19:31
 Operator : CG\JU
 Sample : N4936-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-2-(0-6)

Quant Time: Oct 04 03:19:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

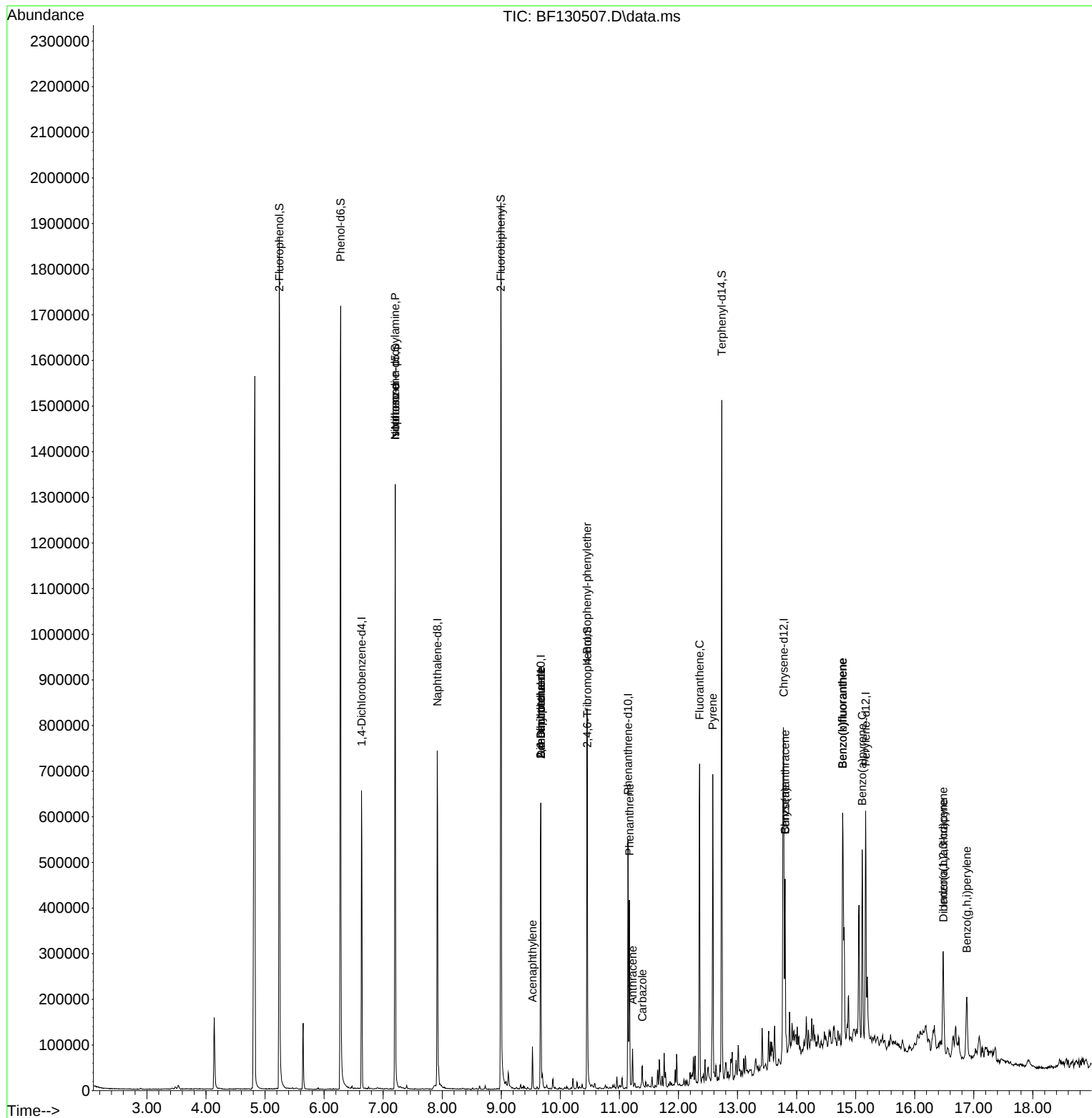
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	86474	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	313095	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	132484	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	177467	20.000	ng	-0.01
76) Chrysene-d12	13.780	240	179706	20.000	ng	-0.01
86) Perylene-d12	15.169	264	204305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	529202	106.145	ng	0.00
7) Phenol-d6	6.281	99	568847	91.188	ng	-0.01
23) Nitrobenzene-d5	7.204	82	381825	62.303	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	89243	70.301	ng	-0.01
45) 2-Fluorobiphenyl	8.992	172	596926	65.611	ng	-0.02
79) Terphenyl-d14	12.733	244	445092	41.028	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	52195	12.400	ng	# 75
25) Isophorone	7.204	82	381821	38.655	ng	# 66
49) Acenaphthylene	9.528	152	36814	3.068	ng	98
50) Dimethylphthalate	9.669	163	23350	2.552	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	17251	9.013	ng	# 16
57) 2,4-Dinitrotoluene	9.669	165	17251	7.053	ng	# 16
67) 4-Bromophenyl-phenylether	10.451	248	5571	2.846	ng	# 1
71) Phenanthrene	11.169	178	132643	13.313	ng	99
72) Anthracene	11.222	178	29625	3.081	ng	99
73) Carbazole	11.386	167	19026	2.193	ng	99
75) Fluoranthene	12.357	202	269725	28.015	ng	98
78) Pyrene	12.580	202	242087	15.399	ng	99
81) Benzo(a)anthracene	13.804	228	136668	11.432	ng	94
83) Chrysene	13.804	228	136668	12.040	ng	96
87) Indeno(1,2,3-cd)pyrene	16.480	276	123878	8.550	ng	95
88) Benzo(b)fluoranthene	14.780	252	326767	24.505	ng	99
89) Benzo(k)fluoranthene	14.780	252	326767	24.911	ng	99
90) Benzo(a)pyrene	15.110	252	168401	15.940	ng	98
91) Dibenzo(a,h)anthracene	16.486	278	27468	2.311	ng	# 86
92) Benzo(g,h,i)perylene	16.880	276	102127	8.530	ng	99

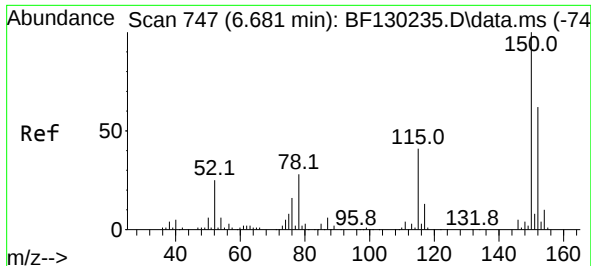
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
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SASP2-T-2-(0-6)

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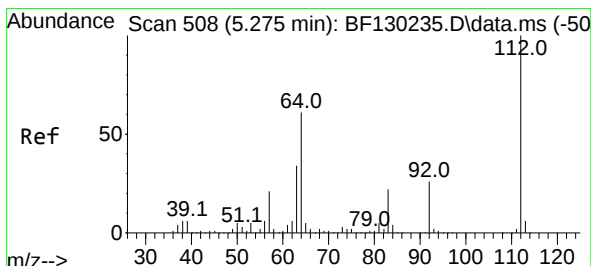
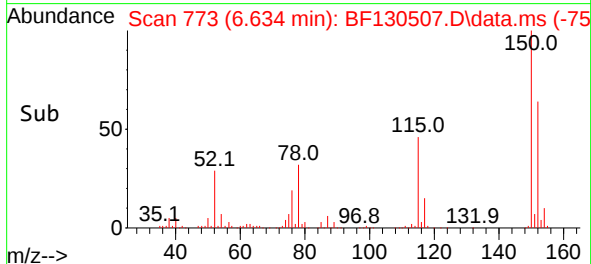
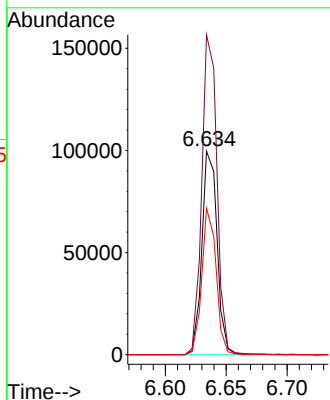
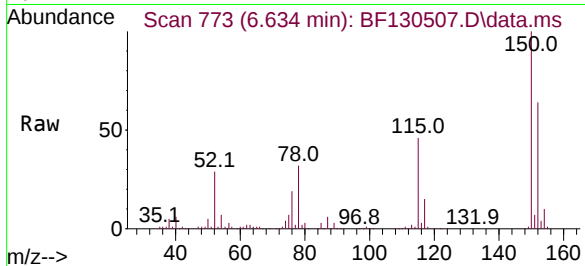




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

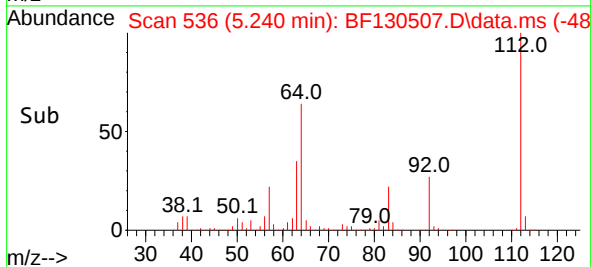
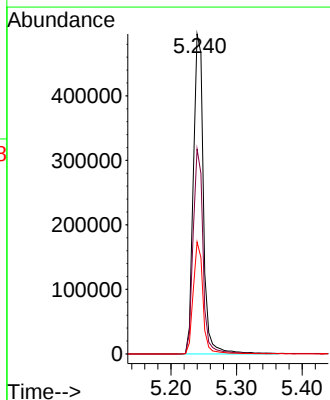
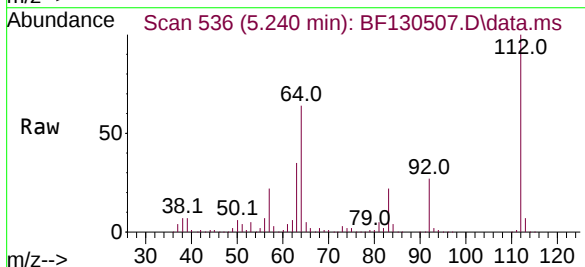
Instrument :
BNA_F
ClientSampleId :
SASP2-T-2-(0-6)

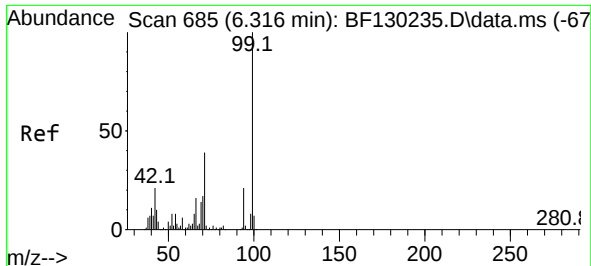
Tgt Ion:152 Resp: 86474
Ion Ratio Lower Upper
152 100
150 157.3 122.8 184.2
115 72.1 53.8 80.8



#5
2-Fluorophenol
Concen: 106.145 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

Tgt Ion:112 Resp: 529202
Ion Ratio Lower Upper
112 100
64 64.0 51.4 77.0
63 35.0 28.8 43.2

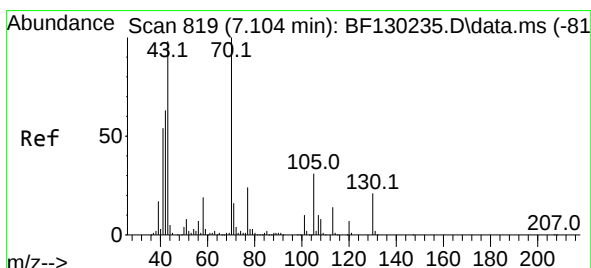
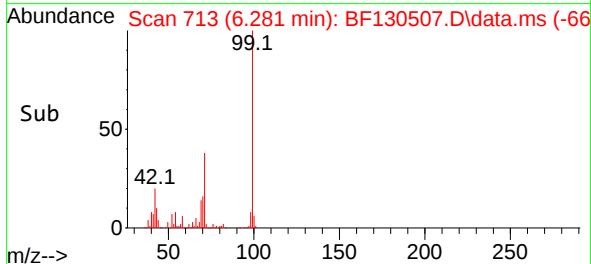
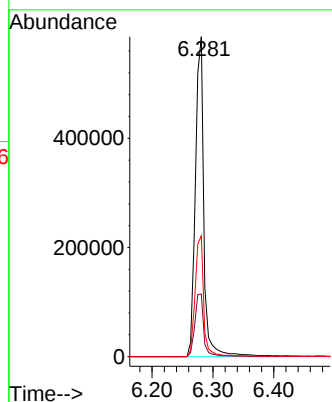
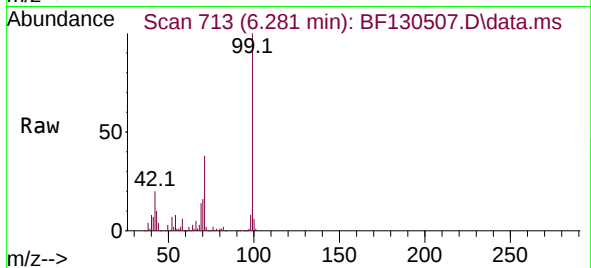




#7
Phenol-d6
Concen: 91.188 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

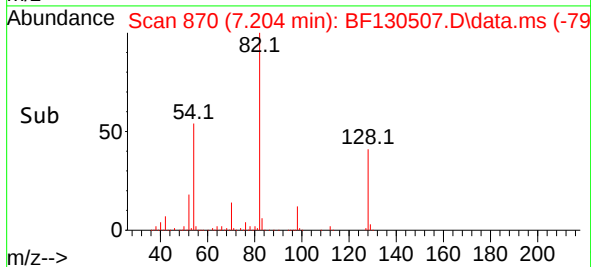
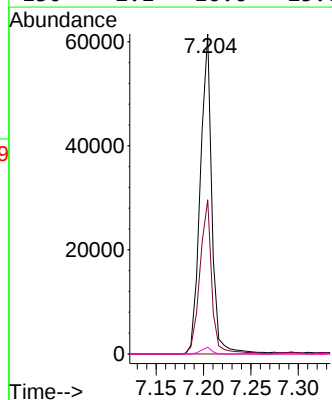
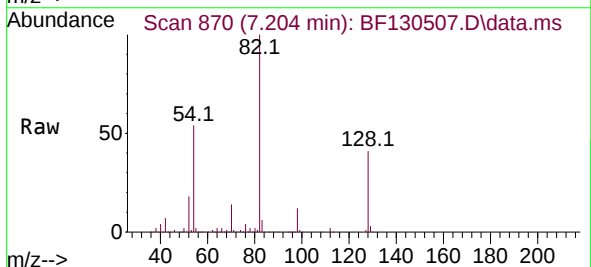
Instrument :
BNA_F
ClientSampleId :
SASP2-T-2-(0-6)

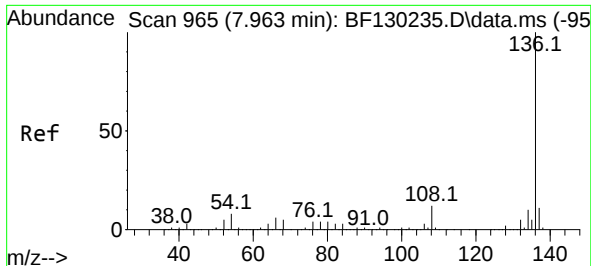
Tgt Ion: 99 Resp: 568847
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 37.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.400 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

Tgt Ion: 70 Resp: 52195
Ion Ratio Lower Upper
70 100
42 48.2 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

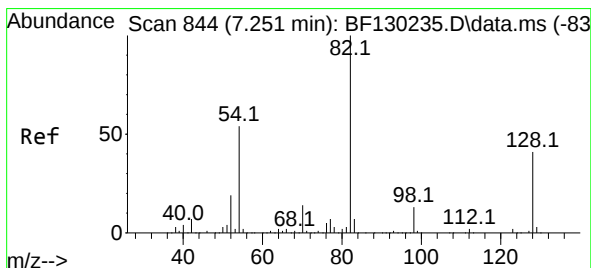
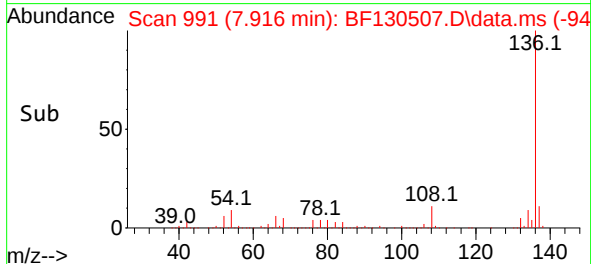
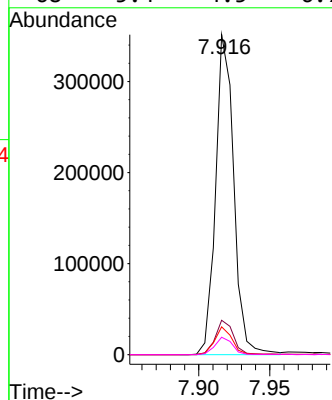
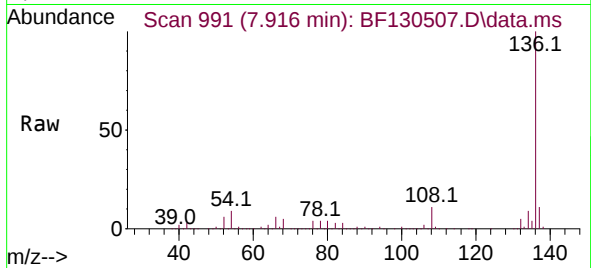




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

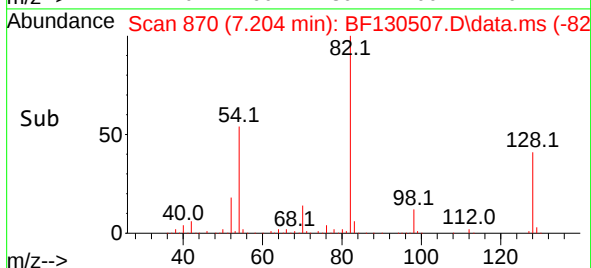
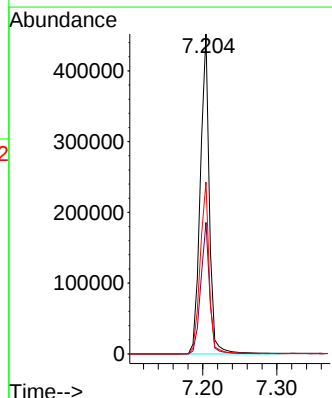
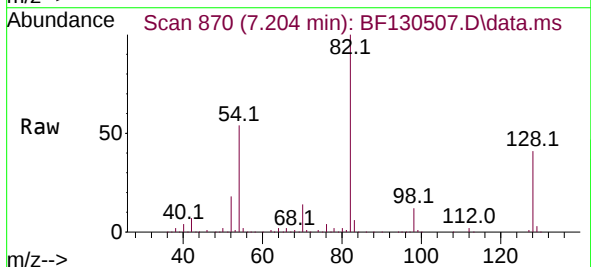
Instrument :
BNA_F
ClientSampleId :
SASP2-T-2-(0-6)

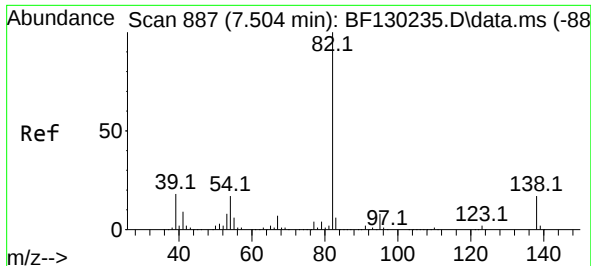
Tgt Ion:	136	Resp:	313095
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	8.7	7.1	10.7
68	5.4	4.5	6.7



#23
Nitrobenzene-d5
Concen: 62.303 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

Tgt Ion:	82	Resp:	381825
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.6	49.0
54	53.7	43.8	65.6

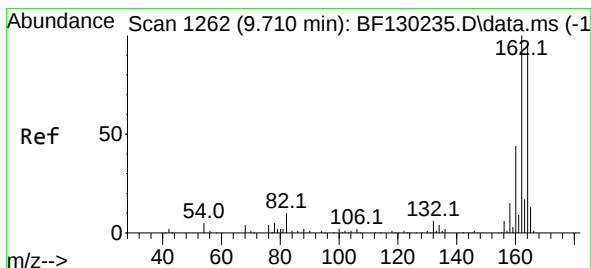
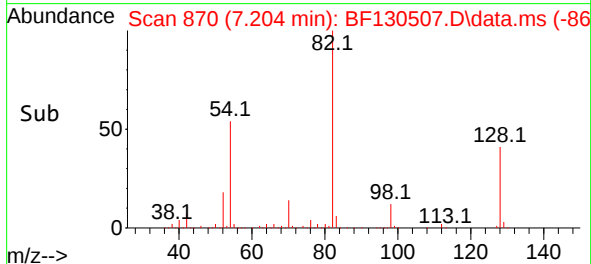
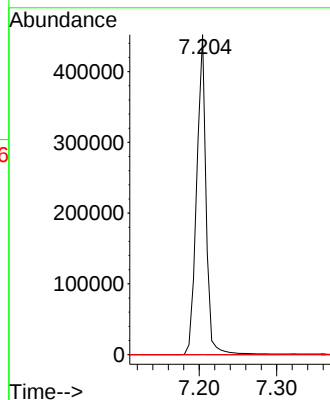
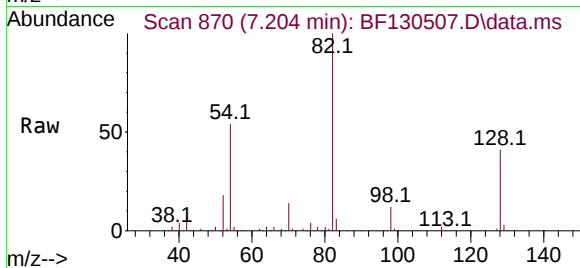




#25
Isophorone
Concen: 38.655 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

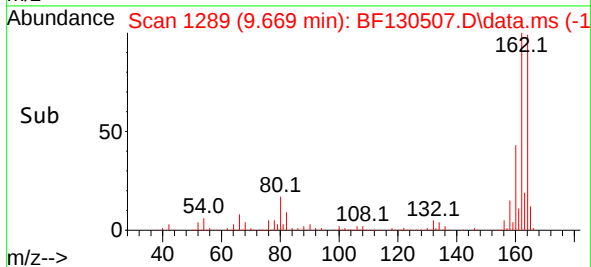
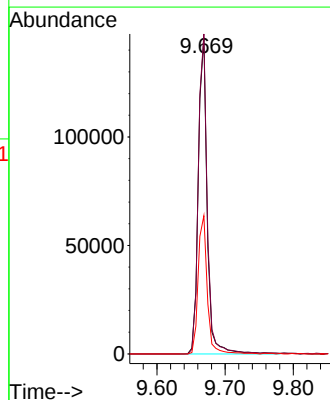
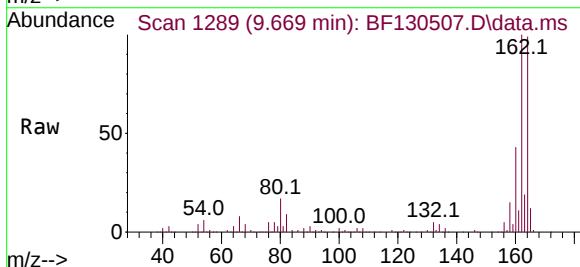
Instrument :
BNA_F
ClientSampleId :
SASP2-T-2-(0-6)

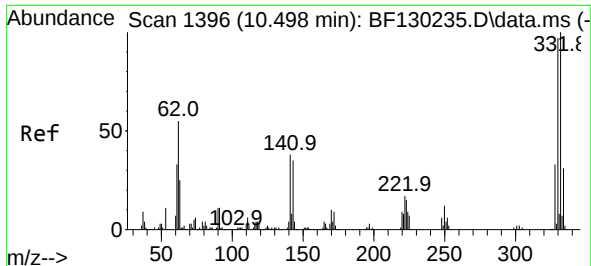
Tgt Ion: 82 Resp: 381821
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

Tgt Ion: 164 Resp: 132484
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 43.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 70.301 ng

RT: 10.457 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF130507.D

Acq: 03 Oct 2022 19:31

Instrument :

BNA_F

ClientSampleId :

SASP2-T-2-(0-6)

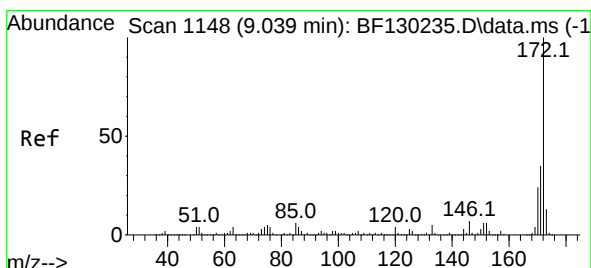
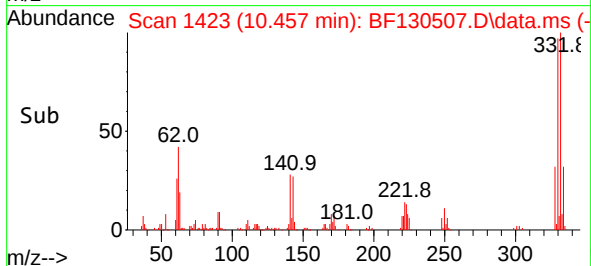
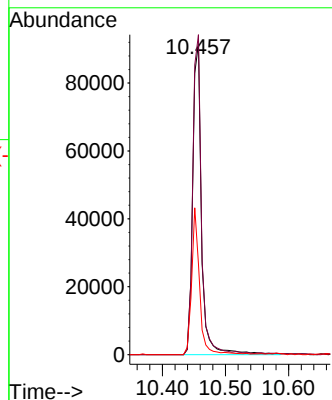
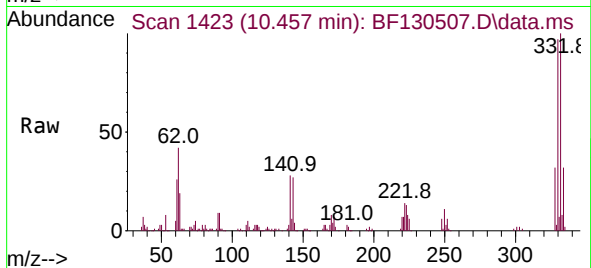
Tgt Ion:330 Resp: 89243

Ion Ratio Lower Upper

330 100

332 101.4 83.4 125.2

141 42.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 65.611 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.017 min

Lab File: BF130507.D

Acq: 03 Oct 2022 19:31

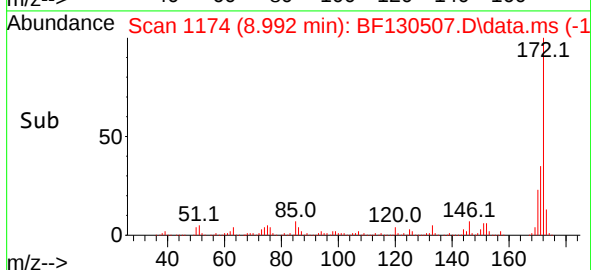
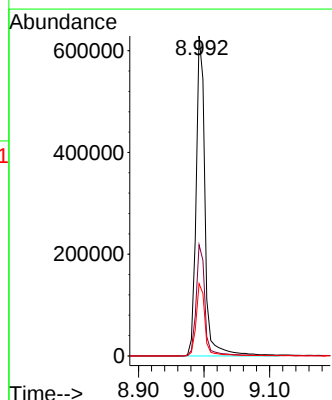
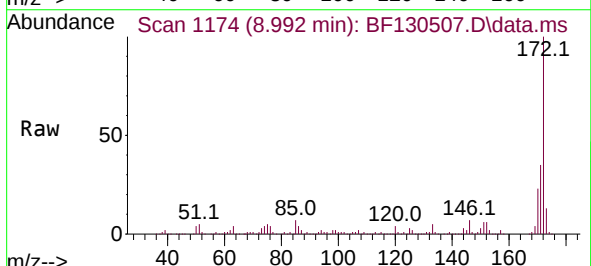
Tgt Ion:172 Resp: 596926

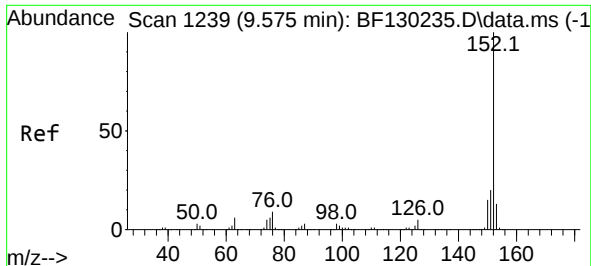
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 22.6 18.7 28.1





#49

Acenaphthylene

Concen: 3.068 ng

RT: 9.528 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF130507.D

Acq: 03 Oct 2022 19:31

Instrument :

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ClientSampleId :

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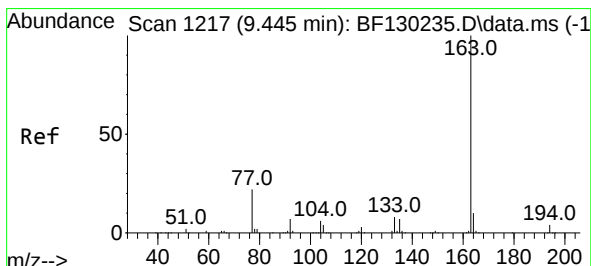
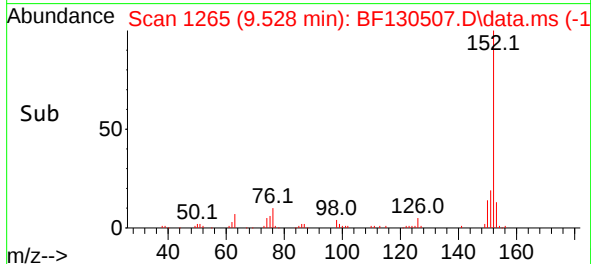
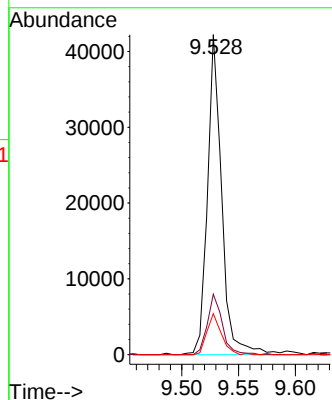
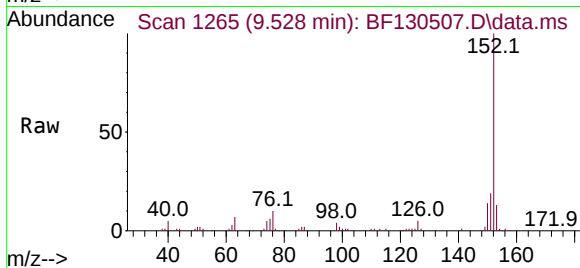
Tgt Ion:152 Resp: 36814

Ion Ratio Lower Upper

152 100

151 18.9 16.2 24.2

153 12.8 10.6 15.8



#50

Dimethylphthalate

Concen: 2.552 ng

RT: 9.669 min Scan# 1289

Delta R.T. 0.253 min

Lab File: BF130507.D

Acq: 03 Oct 2022 19:31

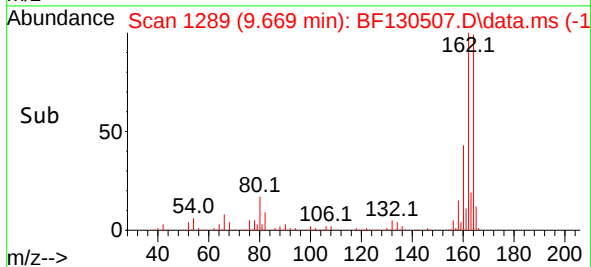
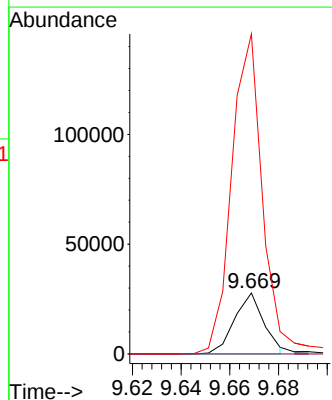
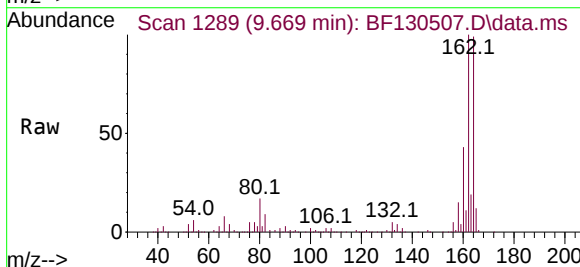
Tgt Ion:163 Resp: 23350

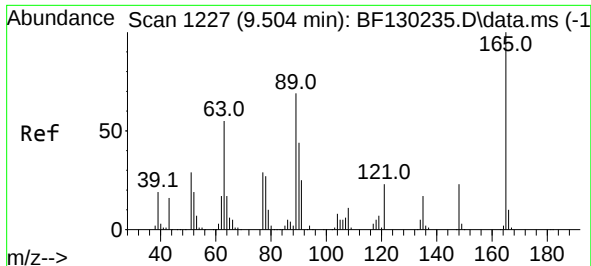
Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

164 525.3 8.2 12.2#

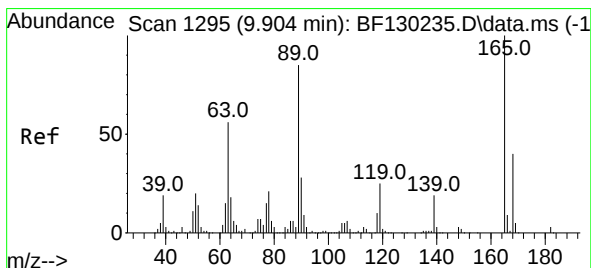
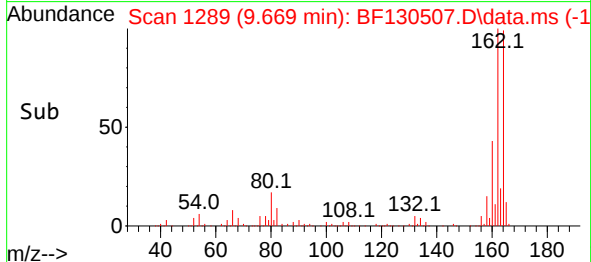
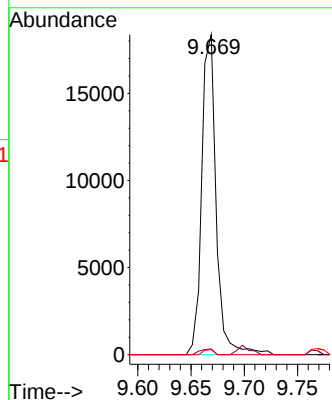
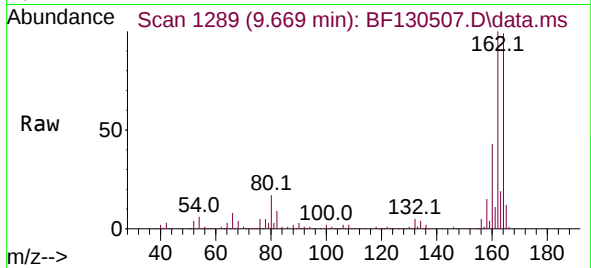




#51
2,6-Dinitrotoluene
Concen: 9.013 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

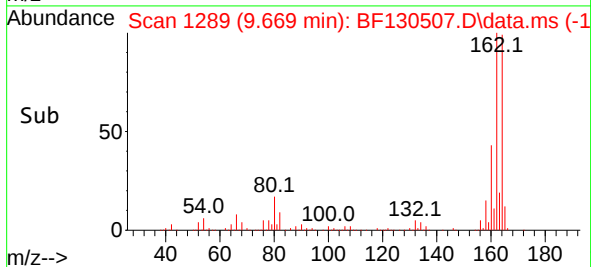
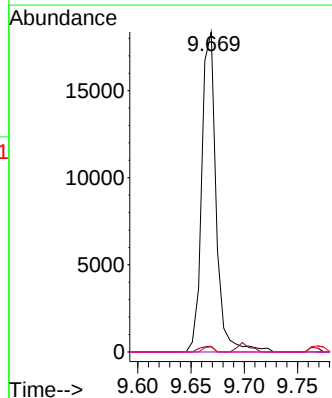
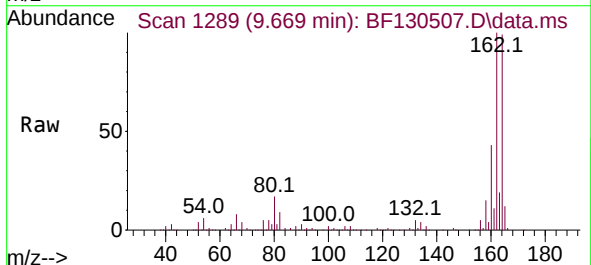
Instrument :
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SASP2-T-2-(0-6)

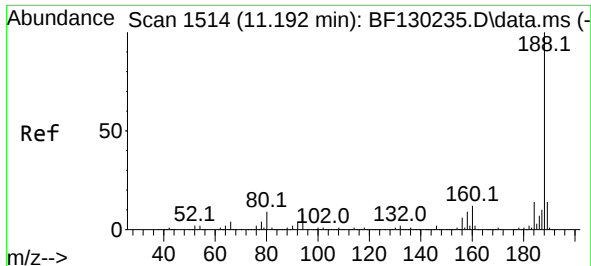
Tgt Ion:165 Resp: 17251
Ion Ratio Lower Upper
165 100
63 1.8 58.8 88.2#
89 1.6 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 7.053 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

Tgt Ion:165 Resp: 17251
Ion Ratio Lower Upper
165 100
63 1.8 44.7 67.1#
89 1.6 69.0 103.4#
182 0.0 1.9 2.9#

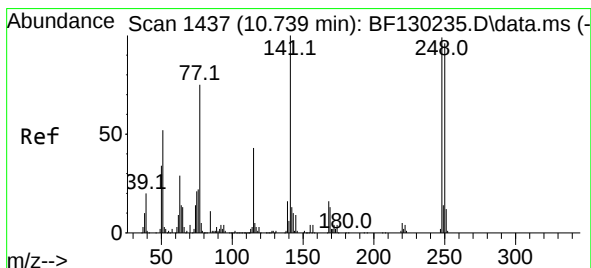
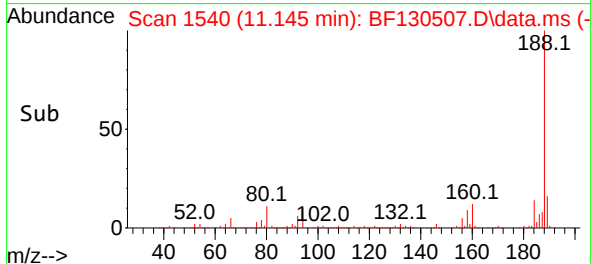
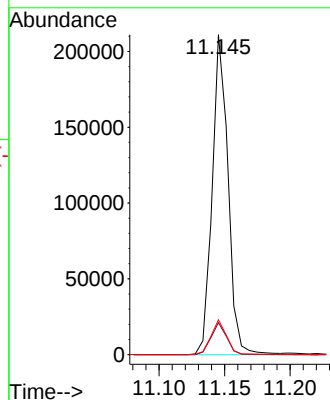
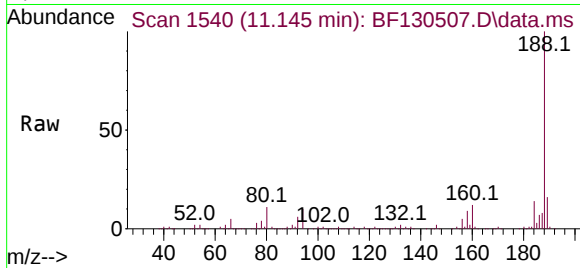




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

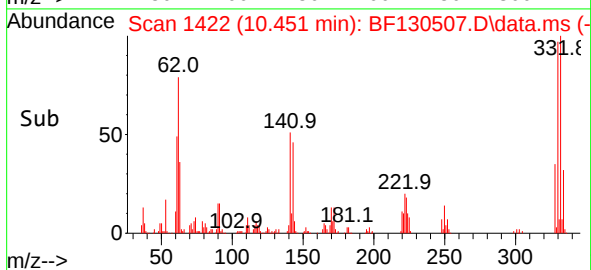
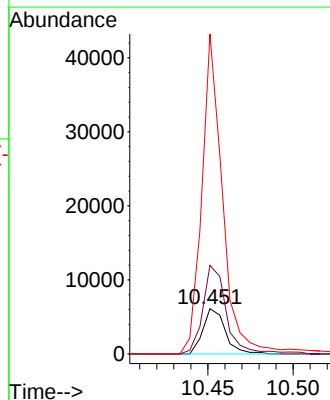
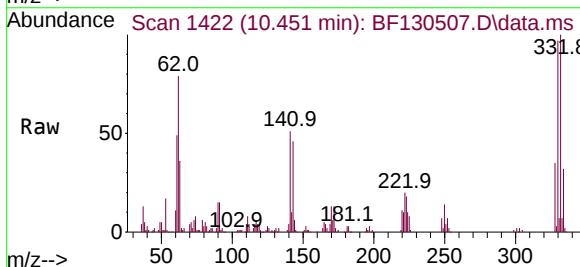
Instrument :
BNA_F
ClientSampleId :
SASP2-T-2-(0-6)

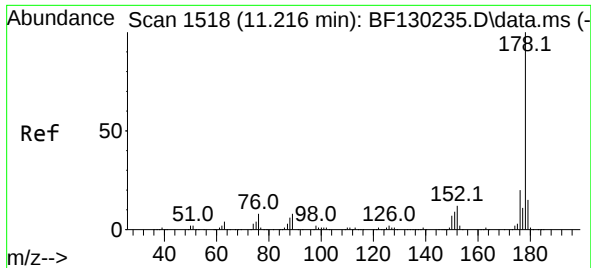
Tgt Ion:188 Resp: 177467
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.846 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.259 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

Tgt Ion:248 Resp: 5571
Ion Ratio Lower Upper
248 100
250 196.1 80.0 120.0#
141 708.2 68.5 102.7#

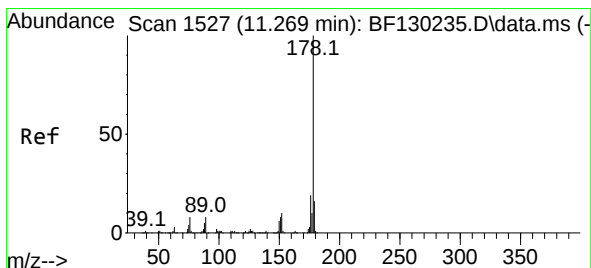
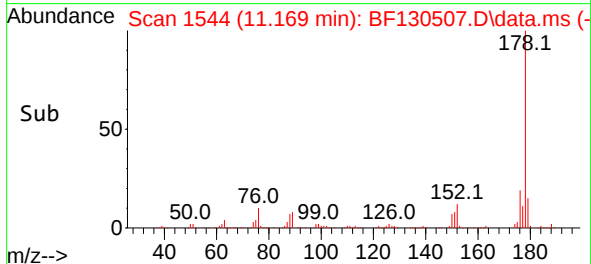
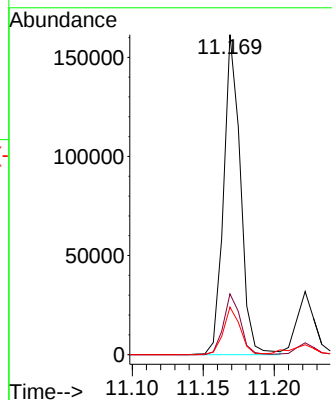
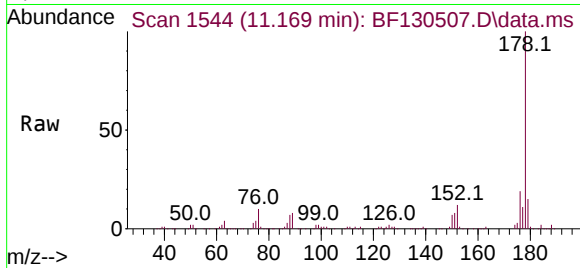




#71
Phenanthrene
Concen: 13.313 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

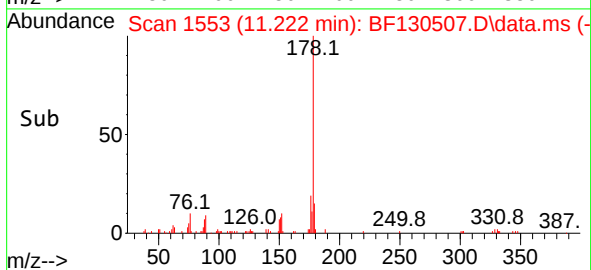
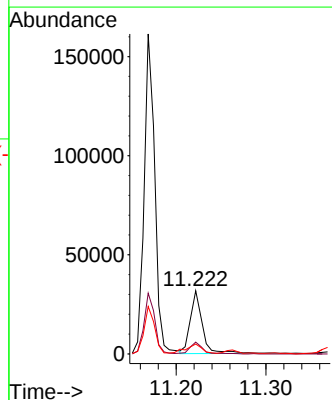
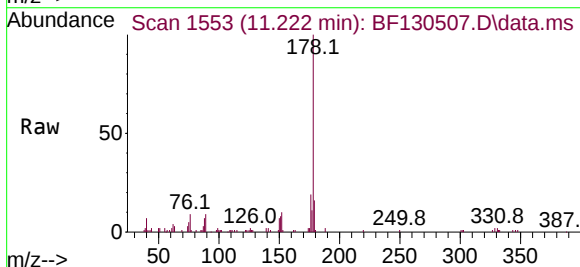
Instrument :
BNA_F
ClientSampleId :
SASP2-T-2-(0-6)

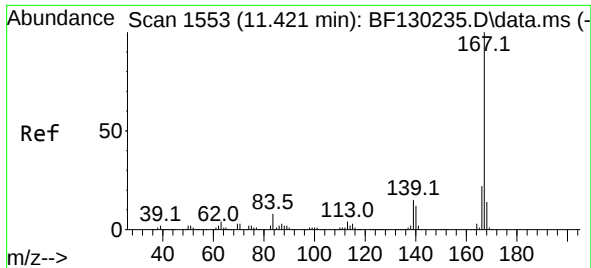
Tgt Ion:178 Resp: 132643
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 14.8 12.4 18.6



#72
Anthracene
Concen: 3.081 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

Tgt Ion:178 Resp: 29625
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.7 19.1

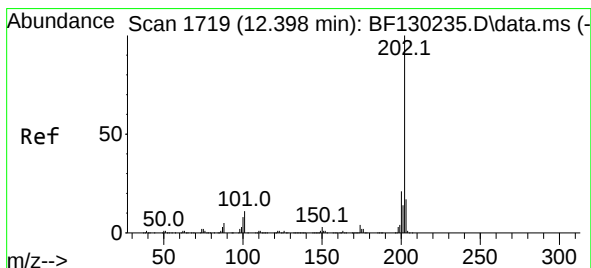
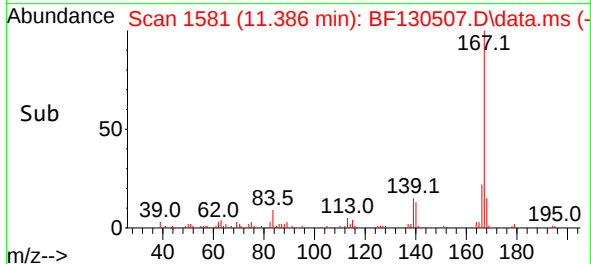
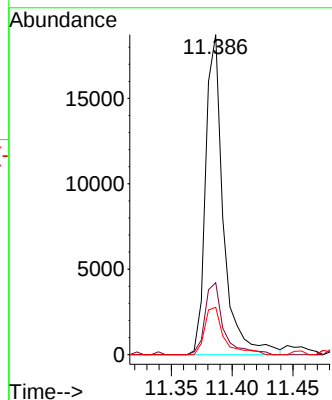
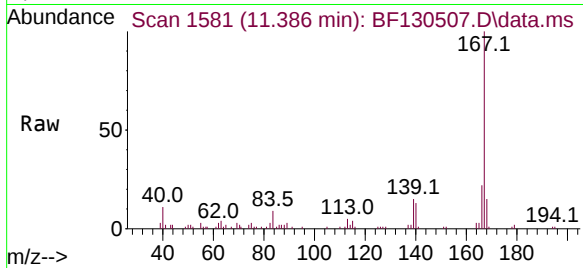




#73
 Carbazole
 Concen: 2.193 ng
 RT: 11.386 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130507.D
 Acq: 03 Oct 2022 19:31

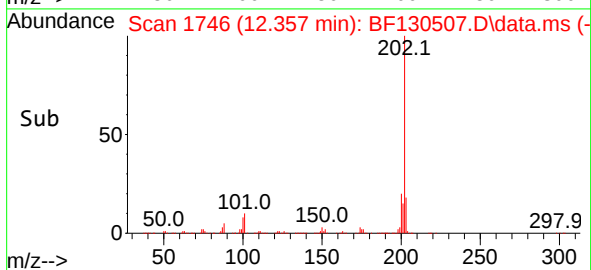
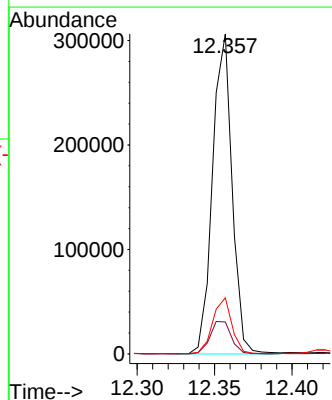
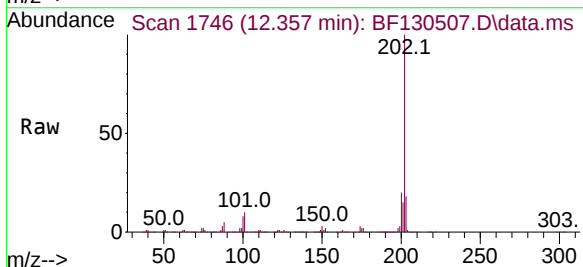
Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-2-(0-6)

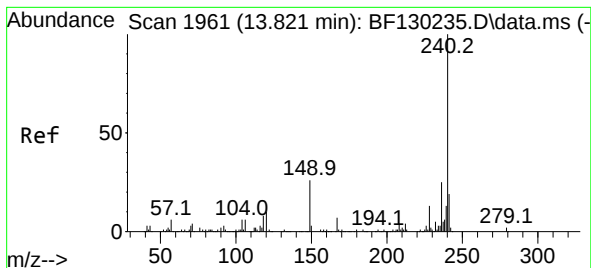
Tgt Ion:167	Resp:	19026
Ion Ratio	Lower	Upper
167	100	
166	22.5	17.4 26.2
139	14.8	11.6 17.4



#75
 Fluoranthene
 Concen: 28.015 ng
 RT: 12.357 min Scan# 1746
 Delta R.T. -0.012 min
 Lab File: BF130507.D
 Acq: 03 Oct 2022 19:31

Tgt Ion:202	Resp:	269725
Ion Ratio	Lower	Upper
202	100	
101	10.0	0.0 31.8
203	17.6	0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.780 min Scan# 1961

Delta R.T. -0.012 min

Lab File: BF130507.D

Acq: 03 Oct 2022 19:31

Instrument :

BNA_F

ClientSampleId :

SASP2-T-2-(0-6)

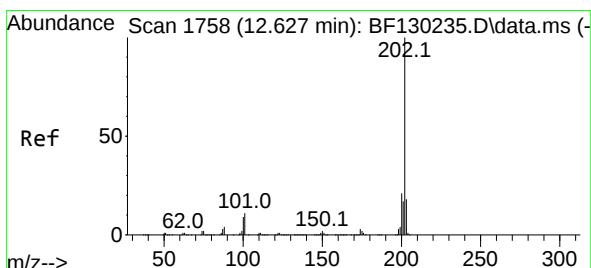
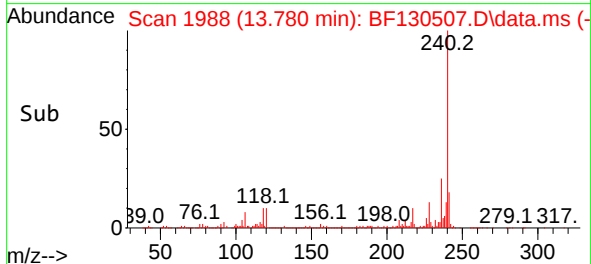
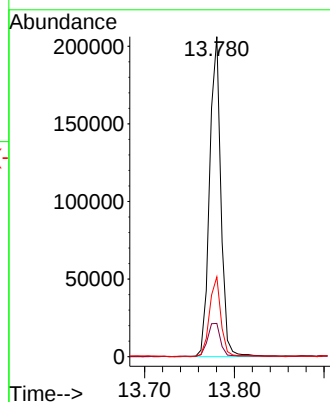
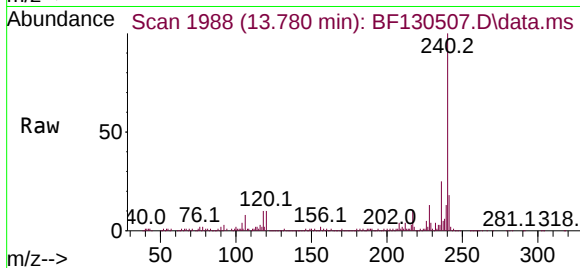
Tgt Ion:240 Resp: 179706

Ion Ratio Lower Upper

240 100

120 10.4 8.7 13.1

236 24.9 20.9 31.3



#78

Pyrene

Concen: 15.399 ng

RT: 12.580 min Scan# 1784

Delta R.T. -0.012 min

Lab File: BF130507.D

Acq: 03 Oct 2022 19:31

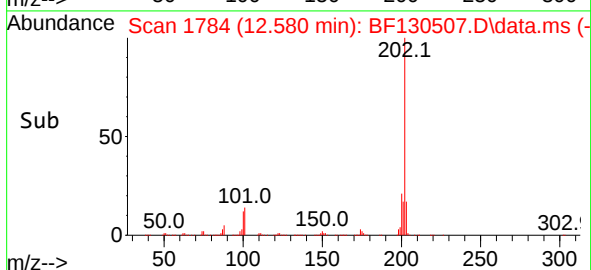
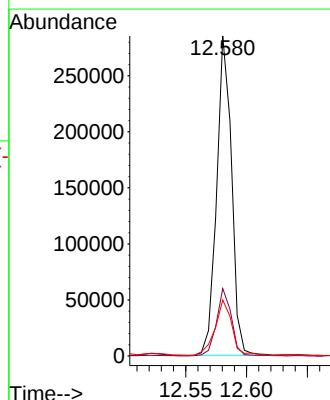
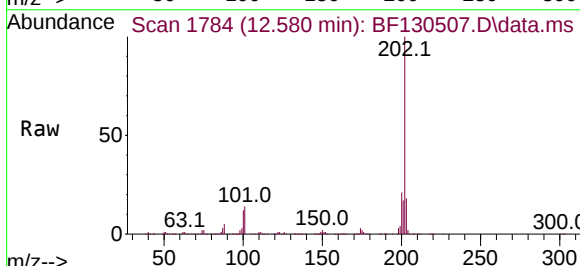
Tgt Ion:202 Resp: 242087

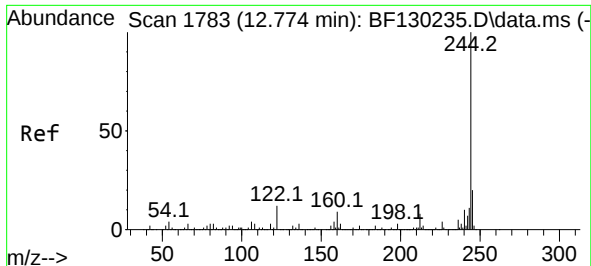
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.5 14.3 21.5

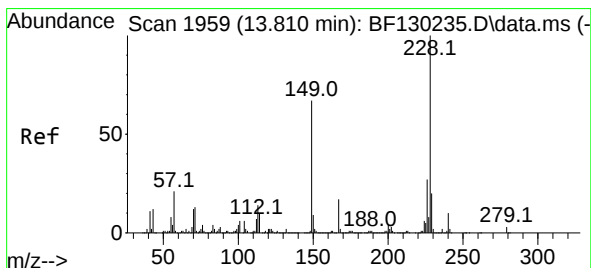
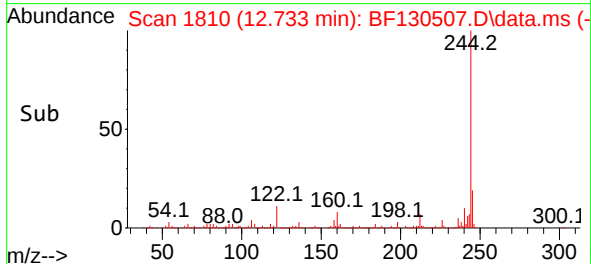
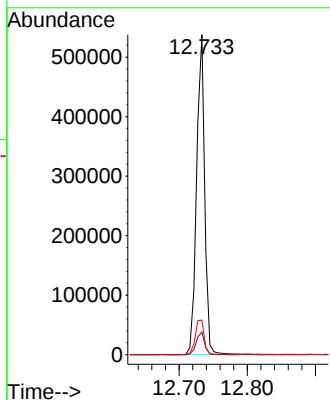
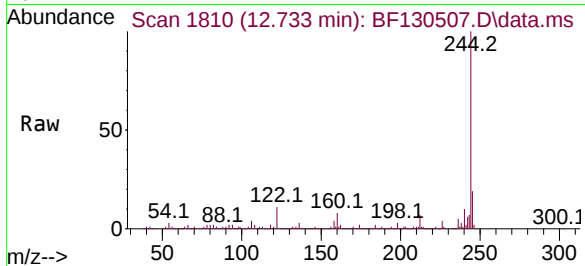




#79
 Terphenyl-d14
 Concen: 41.028 ng
 RT: 12.733 min Scan# 1810
 Delta R.T. -0.012 min
 Lab File: BF130507.D
 Acq: 03 Oct 2022 19:31

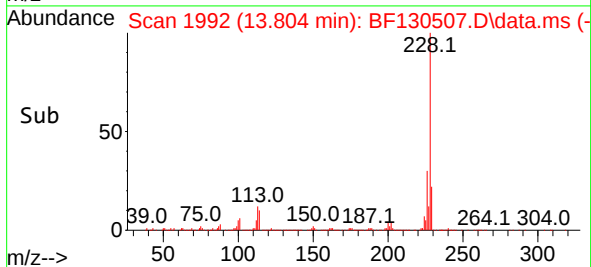
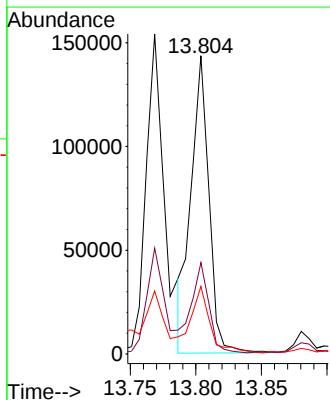
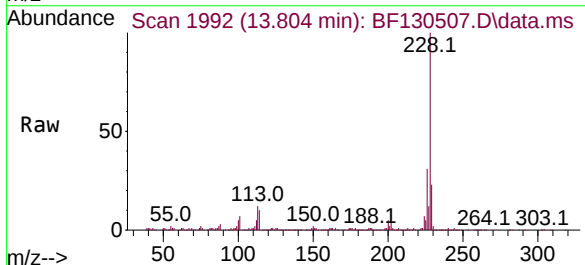
Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-2-(0-6)

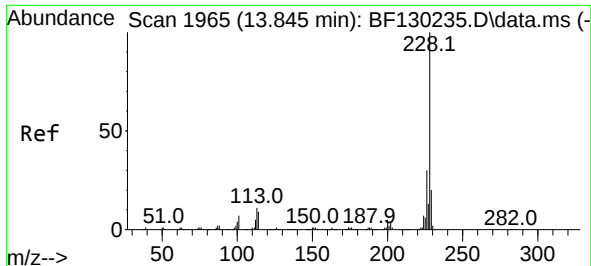
Tgt Ion:244 Resp: 445092
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.8 8.5 12.7



#81
 Benzo(a)anthracene
 Concen: 11.432 ng
 RT: 13.804 min Scan# 1992
 Delta R.T. 0.024 min
 Lab File: BF130507.D
 Acq: 03 Oct 2022 19:31

Tgt Ion:228 Resp: 136668
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.9 32.9
 229 22.6 16.1 24.1

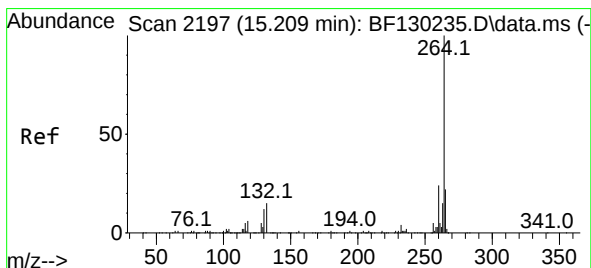
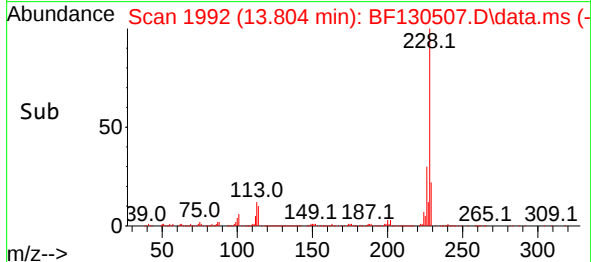
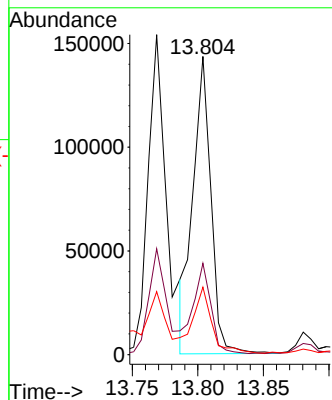
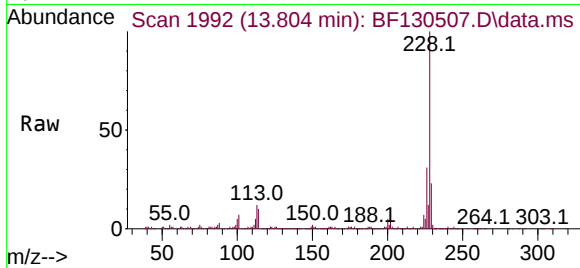




#83
Chrysene
Concen: 12.040 ng
RT: 13.804 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

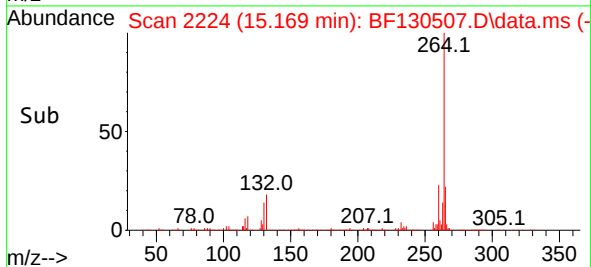
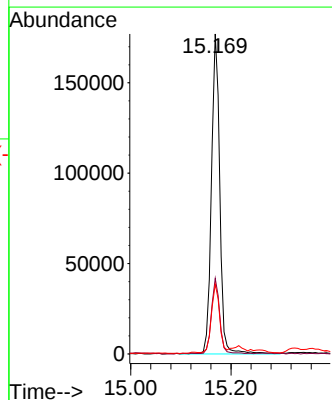
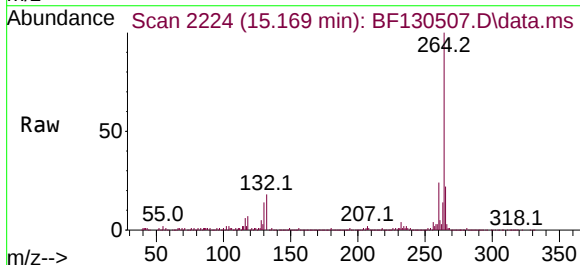
Instrument :
BNA_F
ClientSampleId :
SASP2-T-2-(0-6)

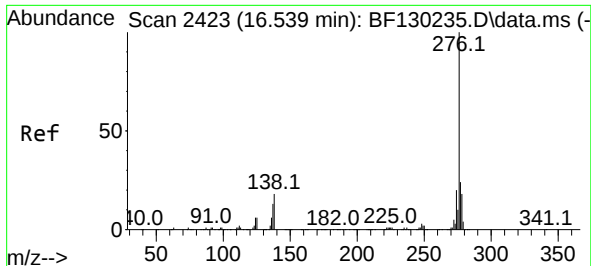
Tgt Ion:228 Resp: 136668
Ion Ratio Lower Upper
228 100
226 30.6 23.8 35.8
229 22.6 15.3 22.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.169 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

Tgt Ion:264 Resp: 204305
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 21.8 17.0 25.4

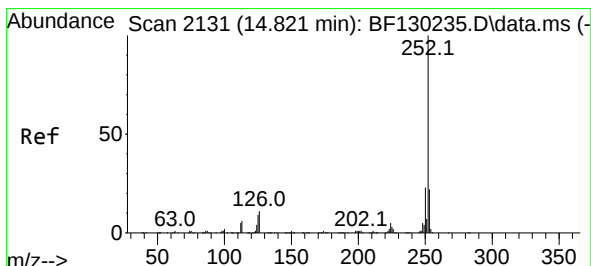
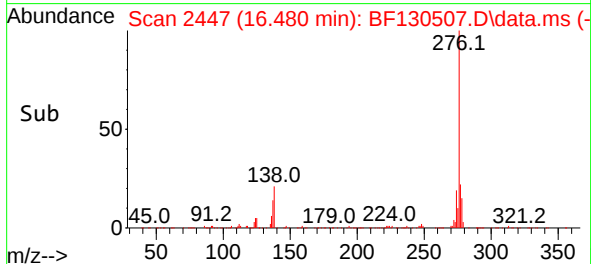
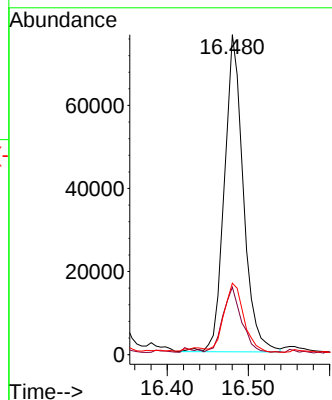
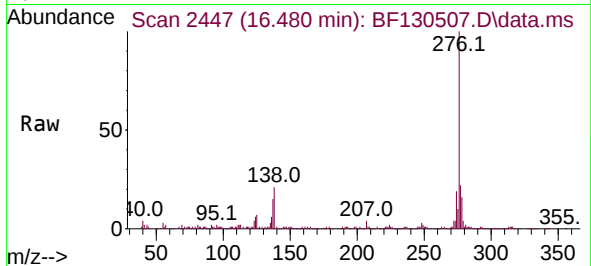




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.550 ng
RT: 16.480 min Scan# 2423
Delta R.T. -0.017 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

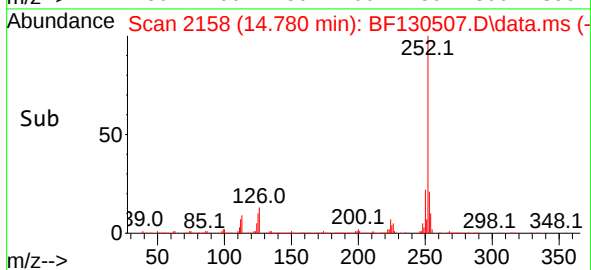
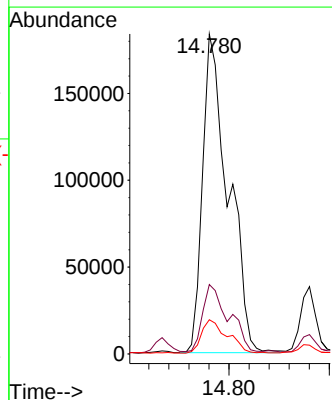
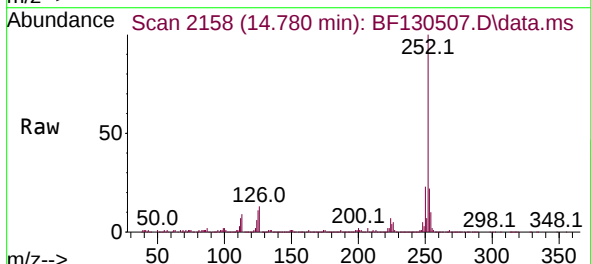
Instrument :
BNA_F
ClientSampleId :
SASP2-T-2-(0-6)

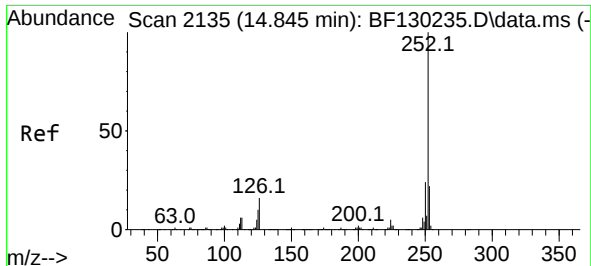
Tgt Ion:276 Resp: 123878
Ion Ratio Lower Upper
276 100
138 20.8 18.5 27.7
277 22.7 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 24.505 ng
RT: 14.780 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

Tgt Ion:252 Resp: 326767
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.7 8.1 12.1

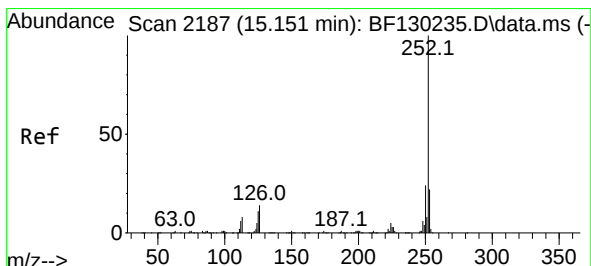
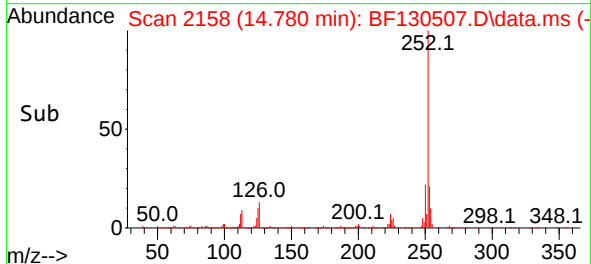
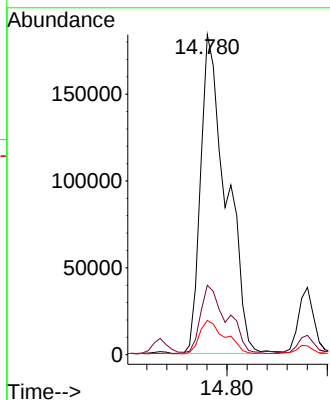
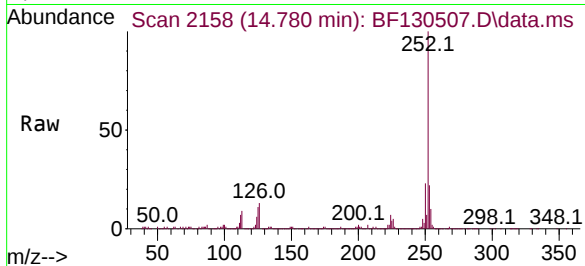




#89
Benzo(k)fluoranthene
Concen: 24.911 ng
RT: 14.780 min Scan# 2114
Delta R.T. -0.035 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

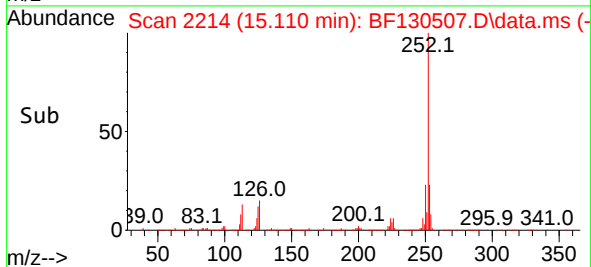
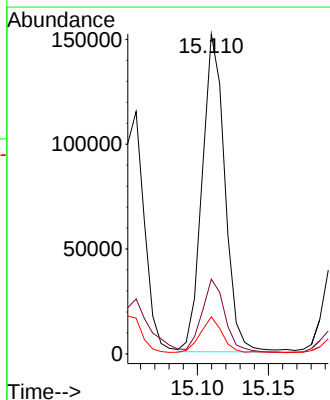
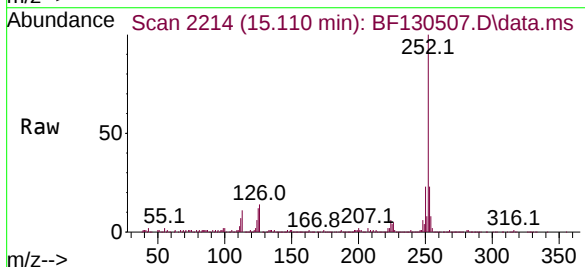
Instrument :
BNA_F
ClientSampleId :
SASP2-T-2-(0-6)

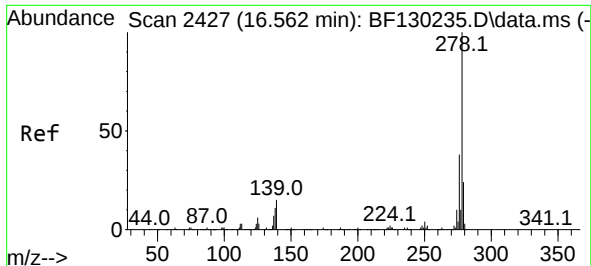
Tgt Ion:252 Resp: 326767
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.7 7.9 11.9



#90
Benzo(a)pyrene
Concen: 15.940 ng
RT: 15.110 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

Tgt Ion:252 Resp: 168401
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 11.6 9.0 13.6

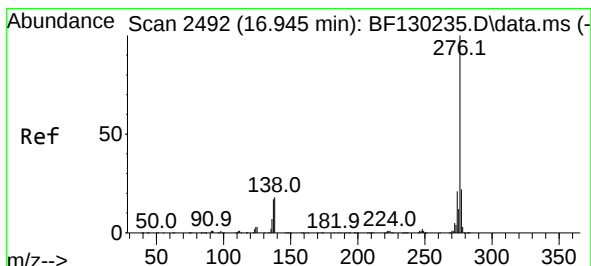
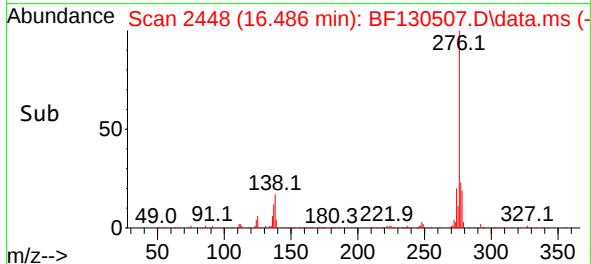
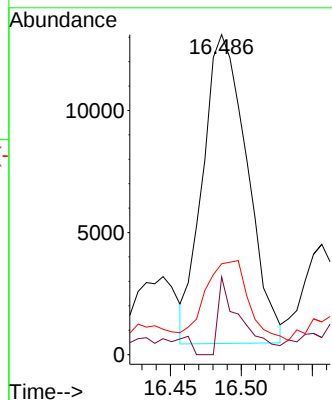
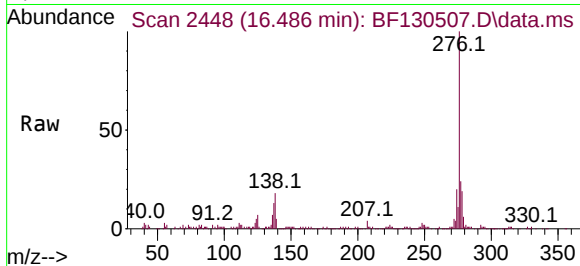




#91
Dibenzo(a,h)anthracene
Concen: 2.311 ng
RT: 16.486 min Scan# 2427
Delta R.T. -0.023 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

Instrument :
BNA_F
ClientSampleId :
SASP2-T-2-(0-6)

Tgt Ion:278 Resp: 27468
Ion Ratio Lower Upper
278 100
139 24.3 11.8 17.8#
279 28.4 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 8.530 ng
RT: 16.880 min Scan# 2515
Delta R.T. -0.012 min
Lab File: BF130507.D
Acq: 03 Oct 2022 19:31

Tgt Ion:276 Resp: 102127
Ion Ratio Lower Upper
276 100
277 23.4 18.6 27.8
138 18.7 14.6 21.8

