

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131061.D
 Acq On : 08 Nov 2022 12:02
 Operator : CG\JU
 Sample : N5460-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SH-1

Quant Time: Nov 08 13:14:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

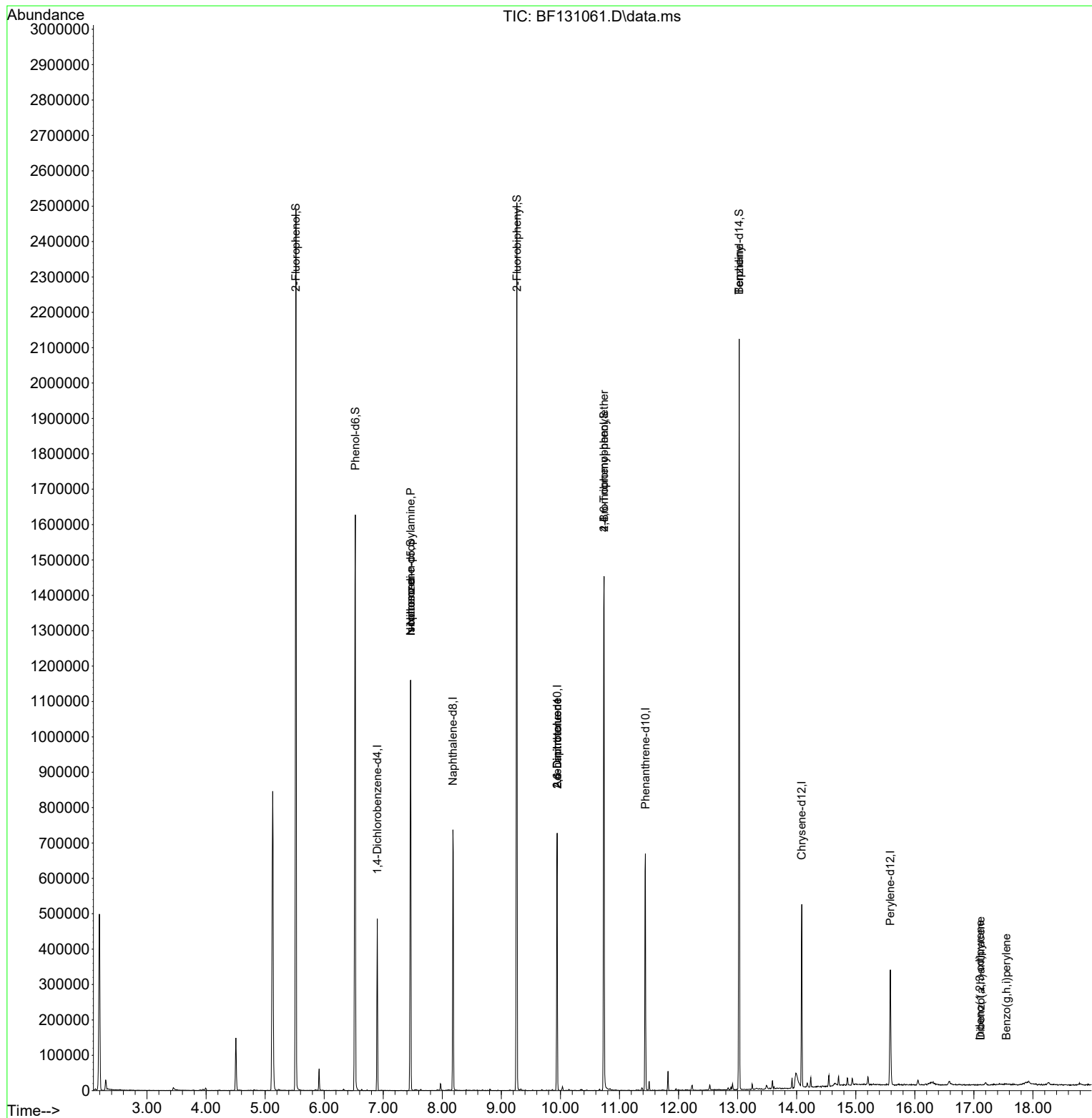
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	53954	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	319260	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	143233	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	247050	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	164502	20.000	ng	0.00
86) Perylene-d12	15.586	264	140153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	608248	181.784	ng	0.00
7) Phenol-d6	6.528	99	503992	123.407	ng	0.00
23) Nitrobenzene-d5	7.463	82	372499	54.082	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	172666	109.493	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	744294	70.818	ng	0.00
79) Terphenyl-d14	13.027	244	679859	66.260	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	51517	17.701	ng	# 79
25) Isophorone	7.463	82	372495	31.552	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	18188	7.724	ng	# 17
55) Dibenzofuran	10.145	168	108	Below Cal		# 42
57) 2,4-Dinitrotoluene	9.945	165	18188	5.945	ng	# 18
67) 4-Bromophenyl-phenylether	10.739	248	10879	3.505	ng	# 1
77) Benzidine	13.027	184	10945	2.467	ng	# 90
87) Indeno(1,2,3-cd)pyrene	17.104	276	425	3.355	ng	# 52
91) Dibenzo(a,h)anthracene	17.115	278	54	3.312	ng	# 57
92) Benzo(g,h,i)perylene	17.551	276	149	3.406	ng	# 54

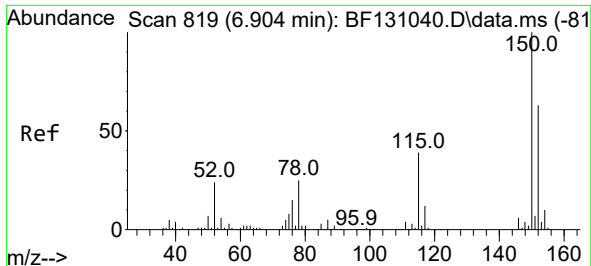
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
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Quant Time: Nov 08 13:14:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 01:40:43 2022
Response via : Initial Calibration

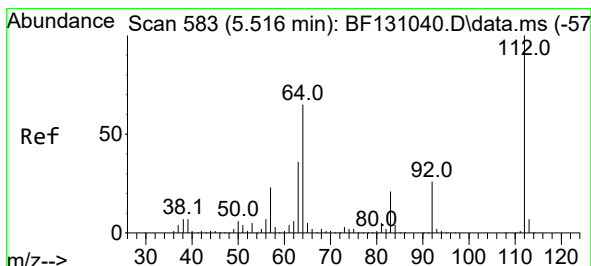
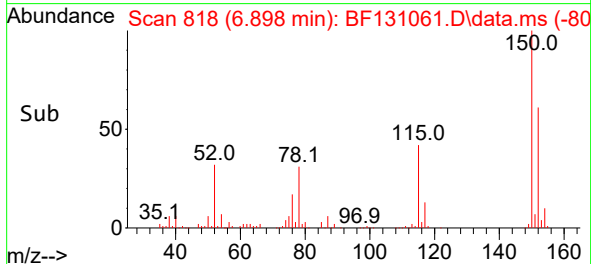
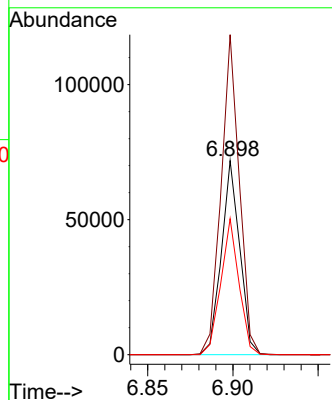
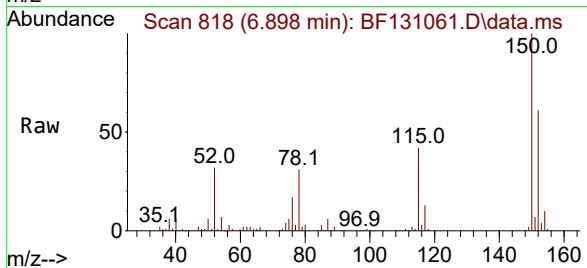




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

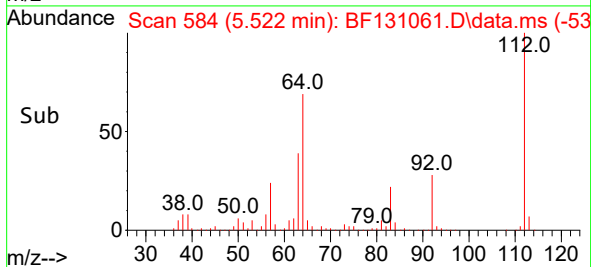
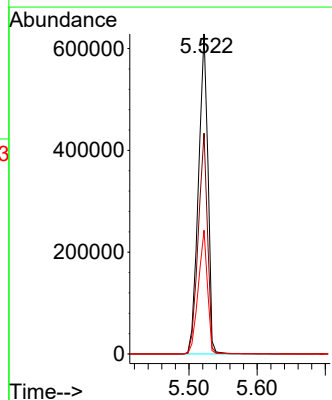
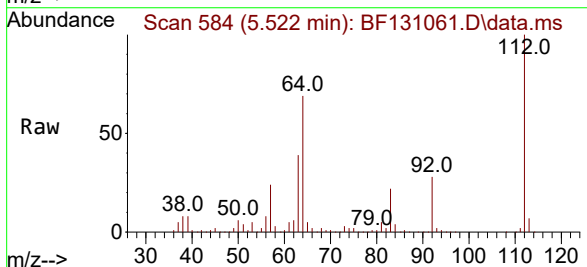
Instrument :
BNA_F
ClientSampleId :
SH-1

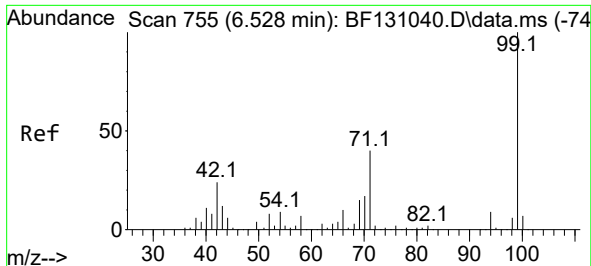
Tgt Ion:152 Resp: 53954
Ion Ratio Lower Upper
152 100
150 164.9 126.6 189.8
115 70.1 49.1 73.7



#5
2-Fluorophenol
Concen: 181.784 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

Tgt Ion:112 Resp: 608248
Ion Ratio Lower Upper
112 100
64 69.0 52.2 78.4
63 38.7 29.0 43.4

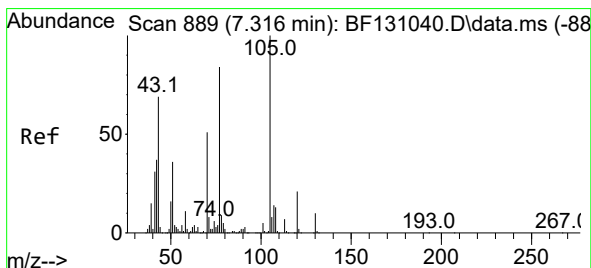
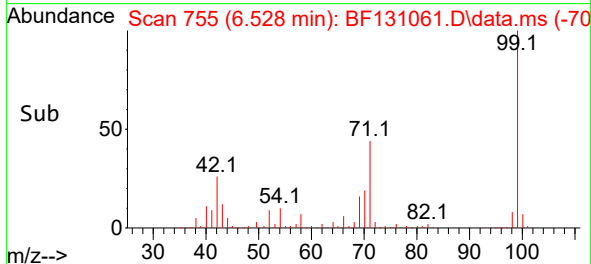
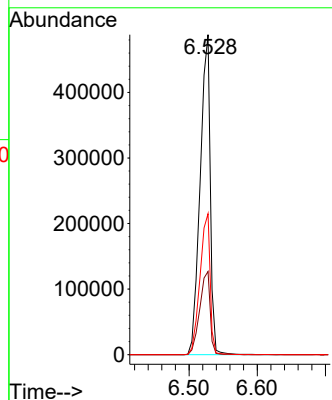
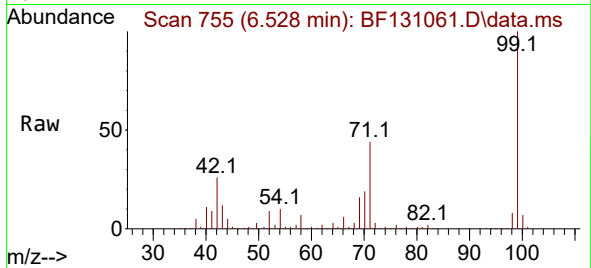




#7
Phenol-d6
Concen: 123.407 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

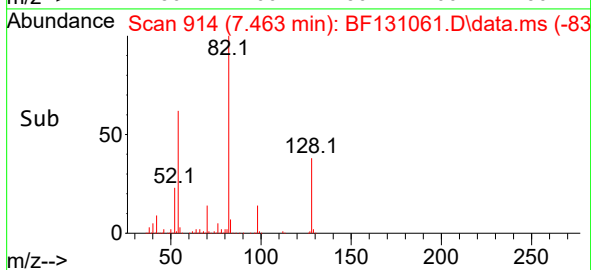
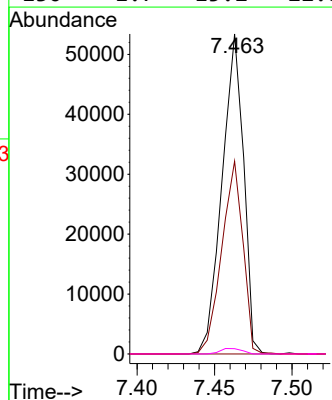
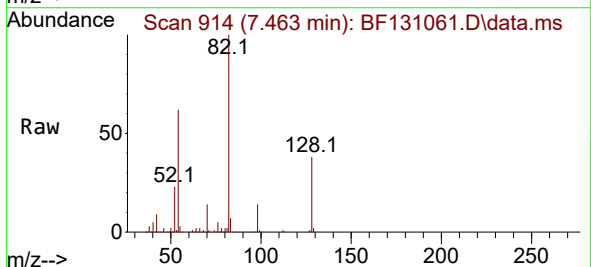
Instrument :
BNA_F
ClientSampleId :
SH-1

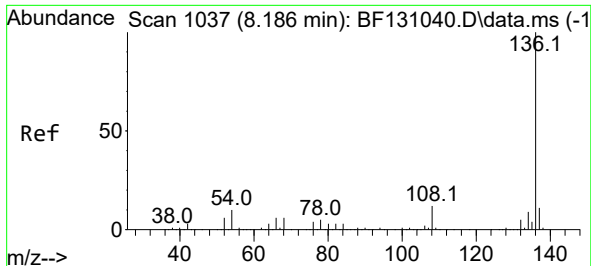
Tgt Ion: 99 Resp: 503992
Ion Ratio Lower Upper
99 100
42 26.0 19.4 29.0
71 44.0 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.701 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

Tgt Ion: 70 Resp: 51517
Ion Ratio Lower Upper
70 100
42 60.3 59.0 88.4
101 0.0 8.0 12.0#
130 1.7 15.2 22.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF131061.D

Acq: 08 Nov 2022 12:02

Instrument :

BNA_F

ClientSampleId :

SH-1

Tgt Ion:136 Resp: 319260

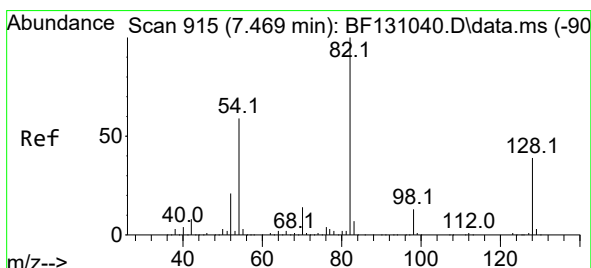
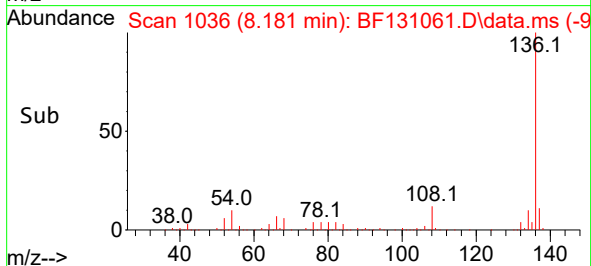
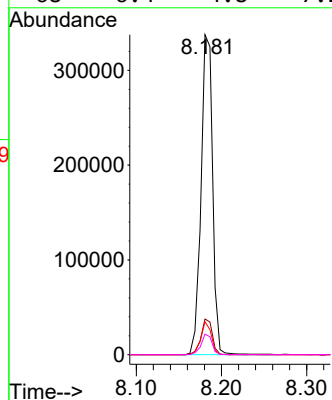
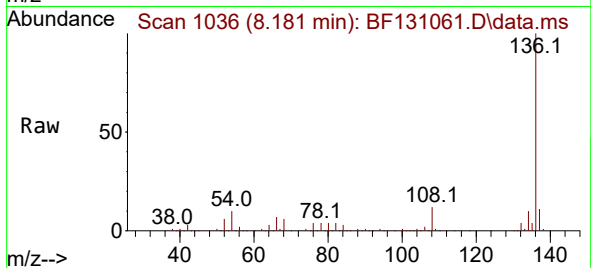
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.3 8.2 12.2

68 6.4 4.8 7.2



#23

Nitrobenzene-d5

Concen: 54.082 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131061.D

Acq: 08 Nov 2022 12:02

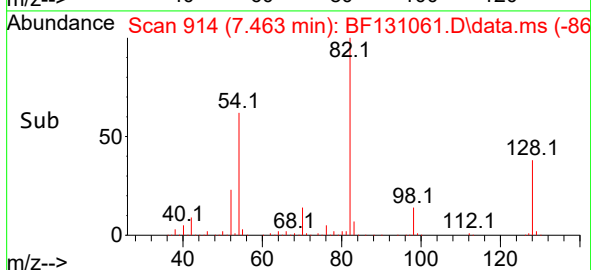
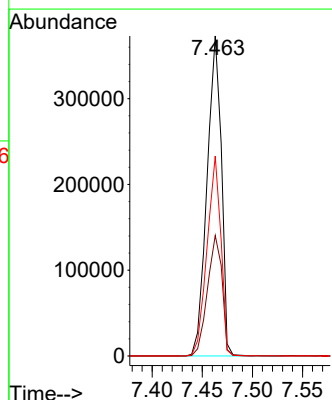
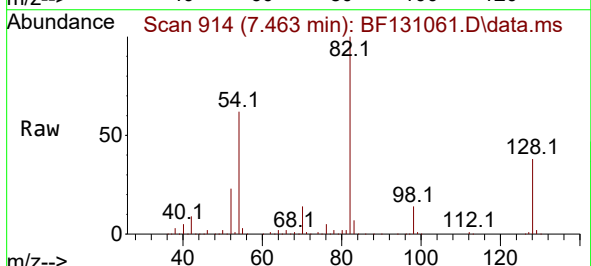
Tgt Ion: 82 Resp: 372499

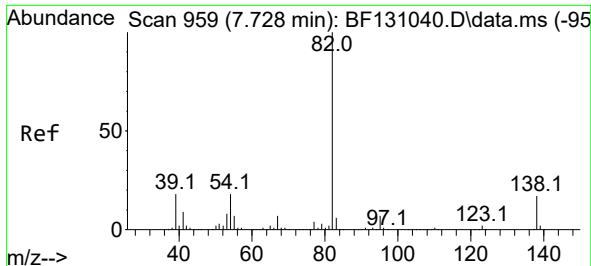
Ion Ratio Lower Upper

82 100

128 37.7 31.3 46.9

54 62.5 47.2 70.8

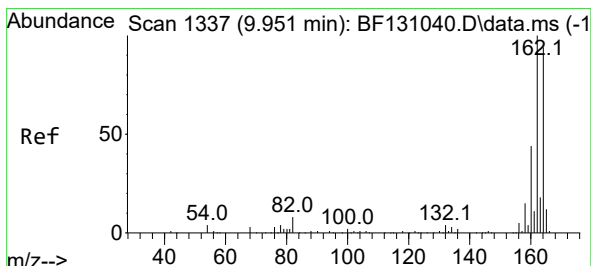
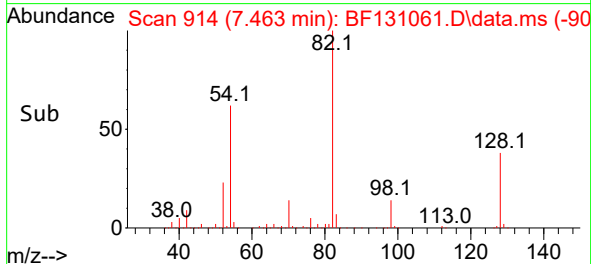
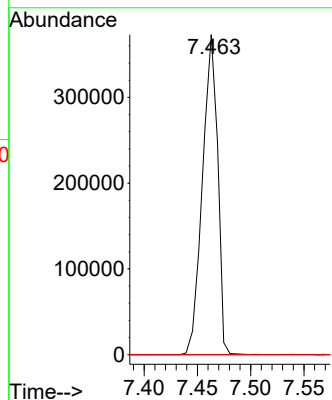
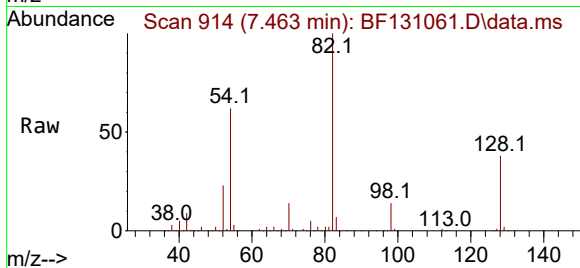




#25
Isophorone
Concen: 31.552 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.265 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

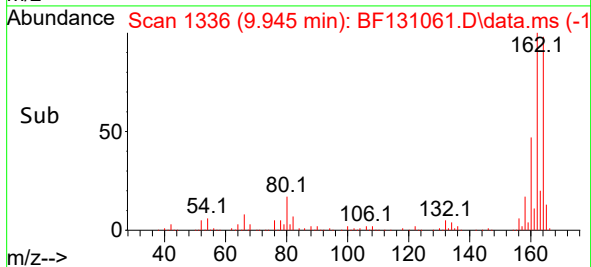
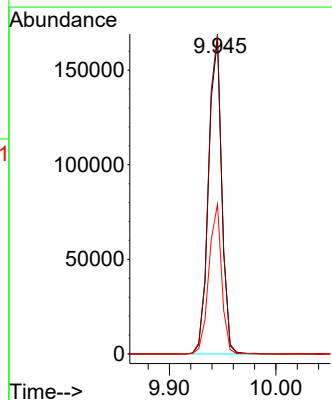
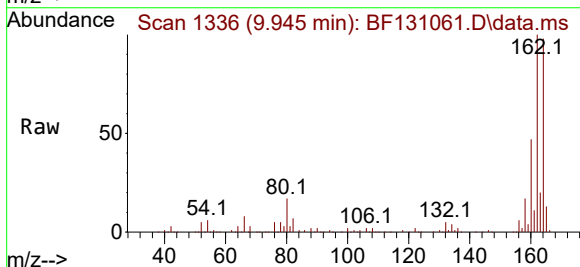
Instrument :
BNA_F
ClientSampleId :
SH-1

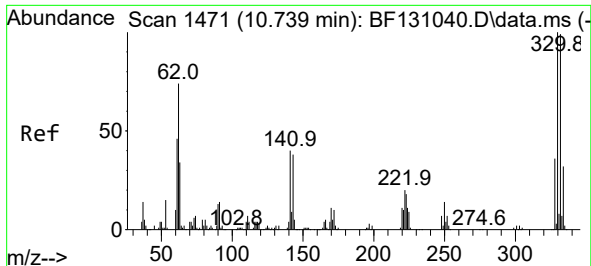
Tgt Ion: 82 Resp: 372495
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

Tgt Ion: 164 Resp: 143233
Ion Ratio Lower Upper
164 100
162 101.6 85.0 127.6
160 47.5 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 109.493 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.000 min

Lab File: BF131061.D

Acq: 08 Nov 2022 12:02

Instrument :

BNA_F

ClientSampleId :

SH-1

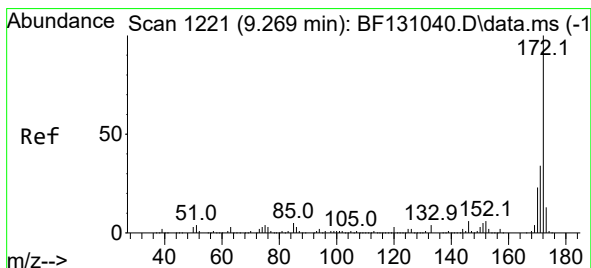
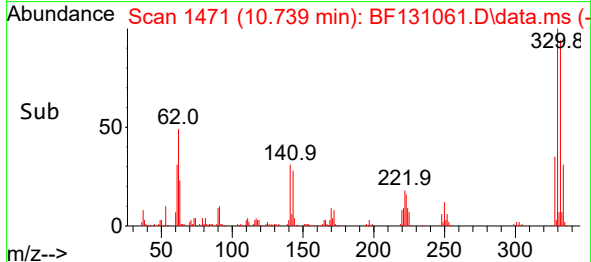
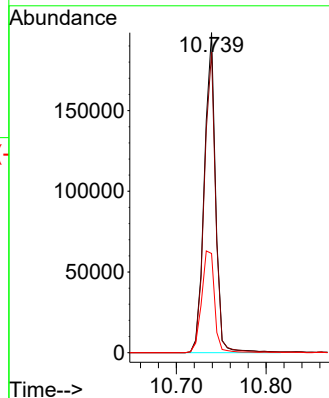
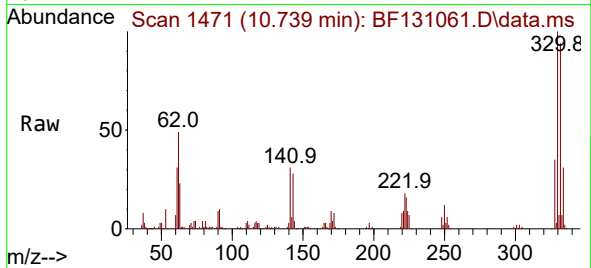
Tgt Ion:330 Resp: 172666

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.4

141 36.7 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 70.818 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131061.D

Acq: 08 Nov 2022 12:02

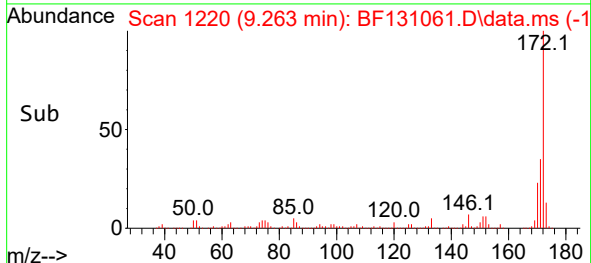
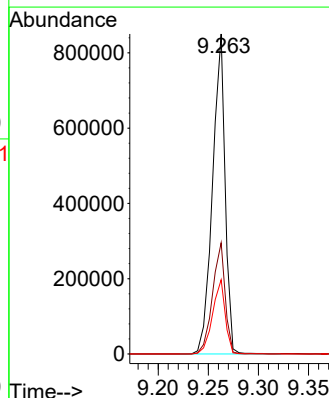
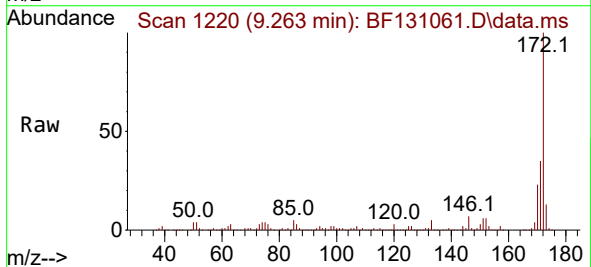
Tgt Ion:172 Resp: 744294

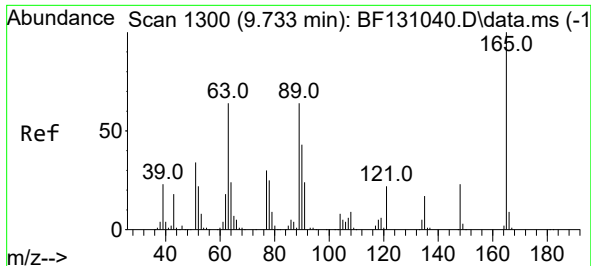
Ion Ratio Lower Upper

172 100

171 34.8 27.7 41.5

170 23.2 18.4 27.6

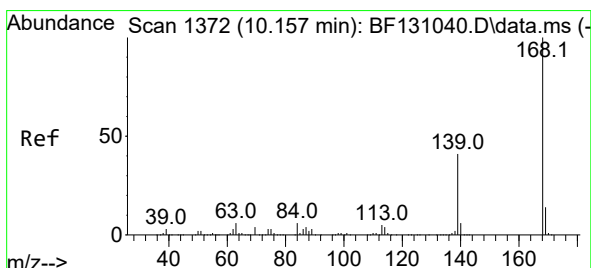
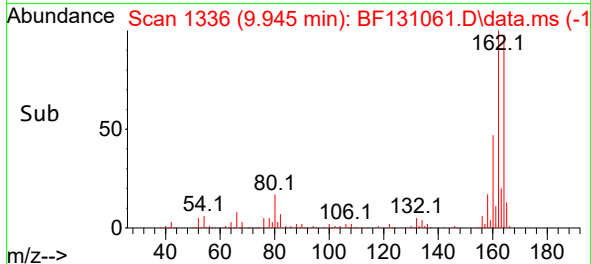
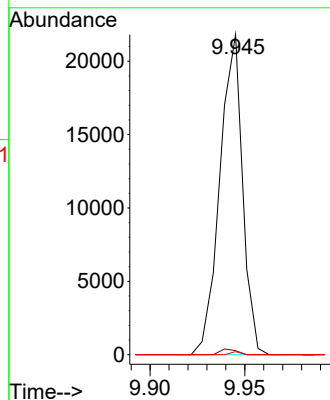
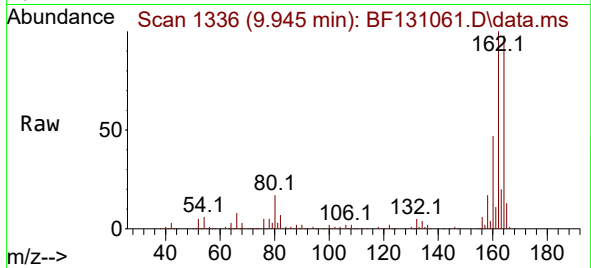




#51
2,6-Dinitrotoluene
Concen: 7.724 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

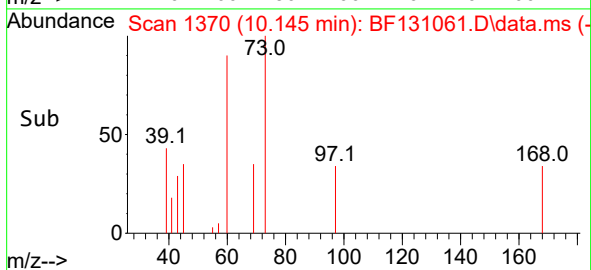
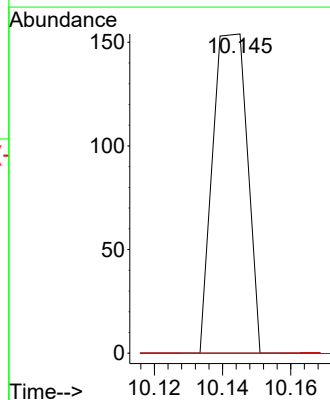
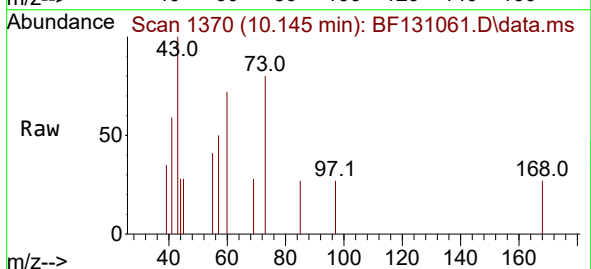
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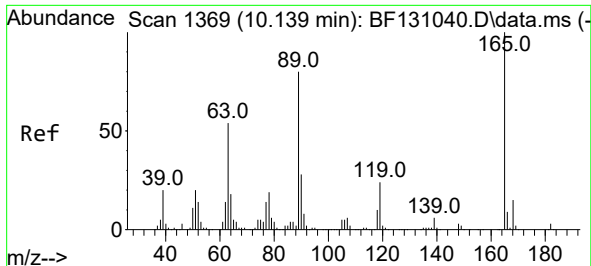
Tgt Ion:165 Resp: 18188
Ion Ratio Lower Upper
165 100
63 1.2 57.2 85.8#
89 1.0 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

Tgt Ion:168 Resp: 108
Ion Ratio Lower Upper
168 100
139 0.0 33.0 49.6#
169 0.0 11.3 16.9#

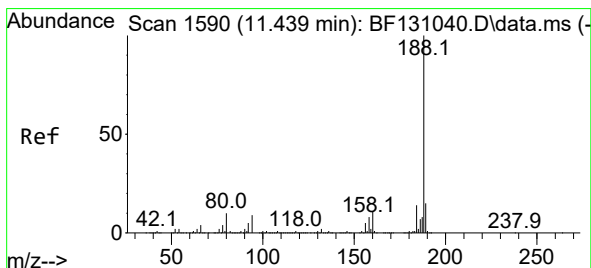
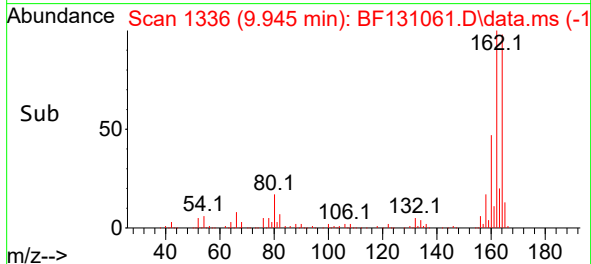
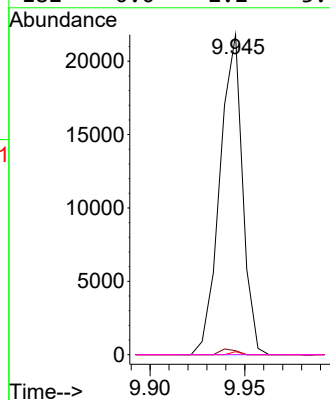
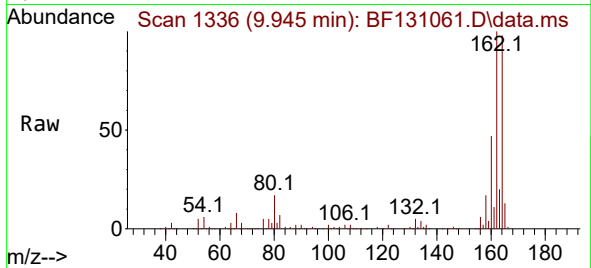




#57
2,4-Dinitrotoluene
Concen: 5.945 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

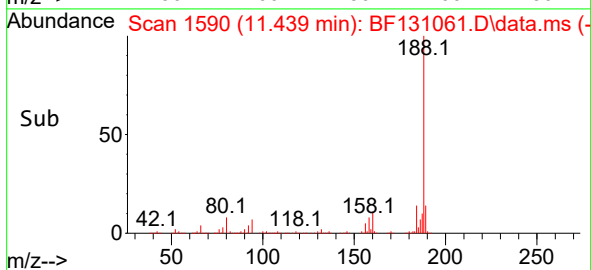
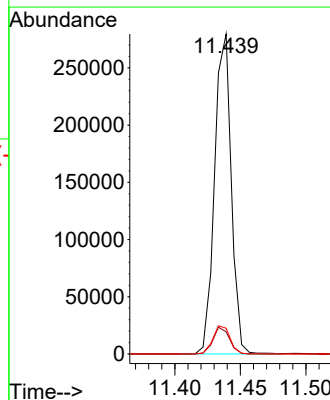
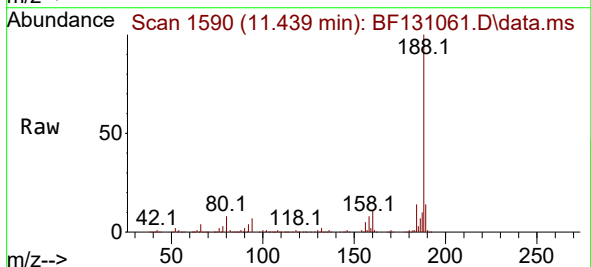
Instrument :
BNA_F
ClientSampleId :
SH-1

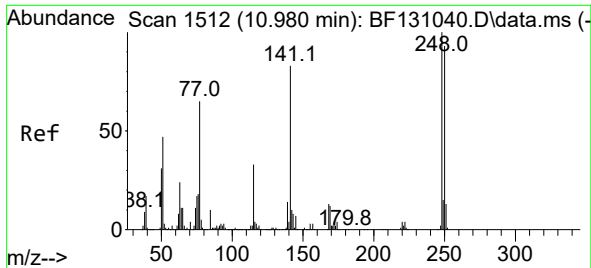
Tgt Ion:165 Resp: 18188
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.0#
89 1.0 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

Tgt Ion:188 Resp: 247050
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 8.0 8.1 12.1#

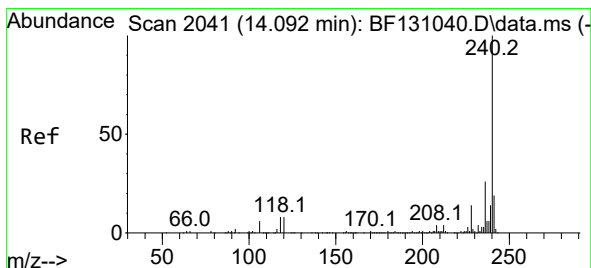
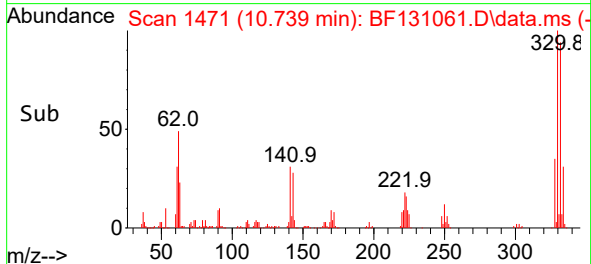
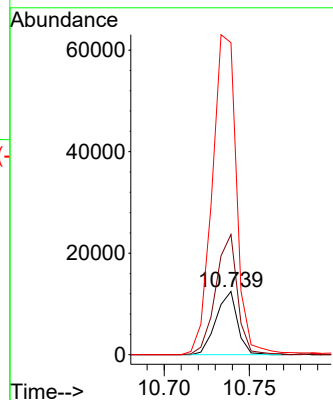
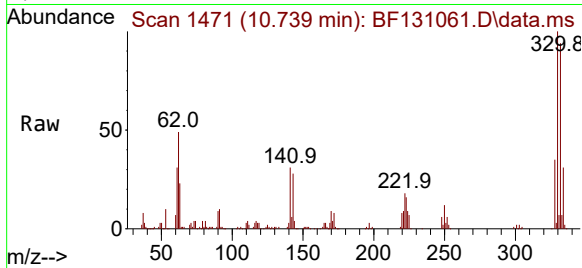




#67
4-Bromophenyl-phenylether
Concen: 3.505 ng
RT: 10.739 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

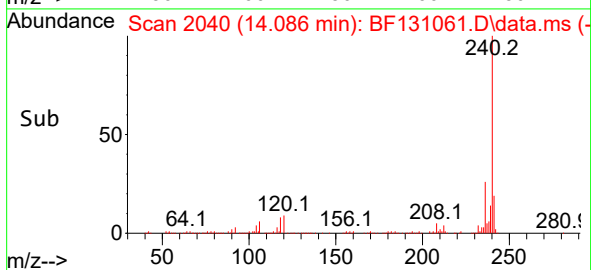
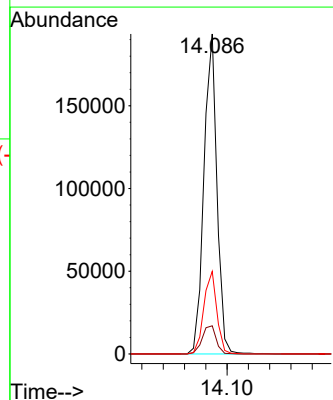
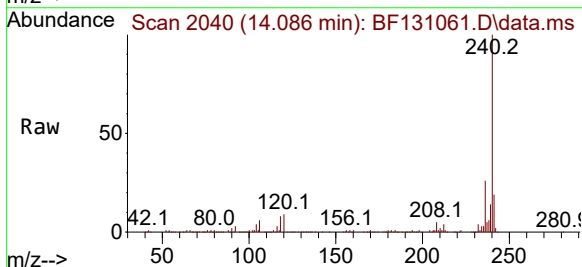
Instrument :
BNA_F
ClientSampleId :
SH-1

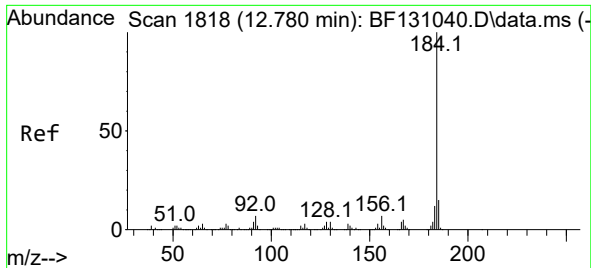
Tgt Ion:248 Resp: 10879
Ion Ratio Lower Upper
248 100
250 190.3 74.6 112.0#
141 493.8 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

Tgt Ion:240 Resp: 164502
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 25.8 20.8 31.2

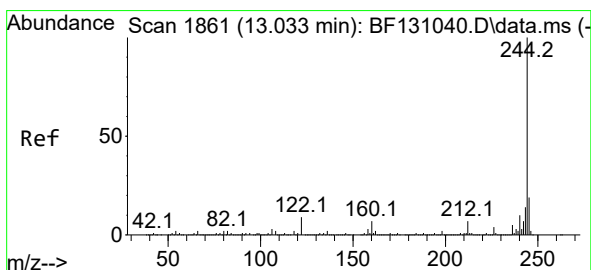
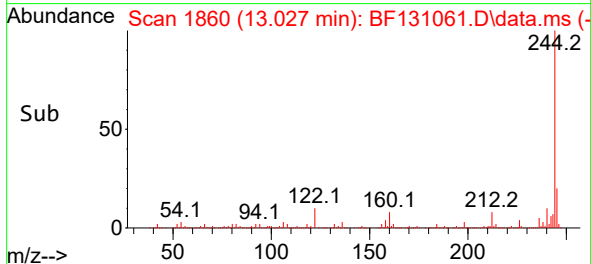
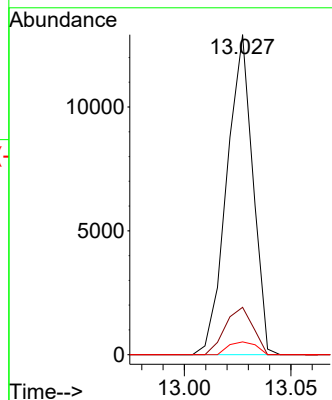
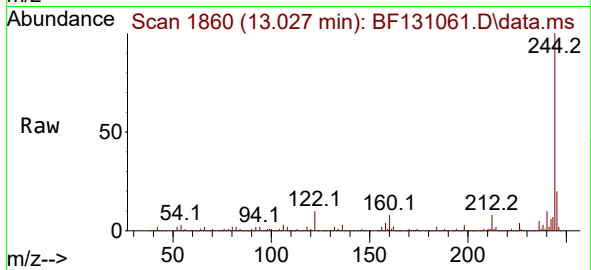




#77
Benzidine
Concen: 2.467 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.247 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

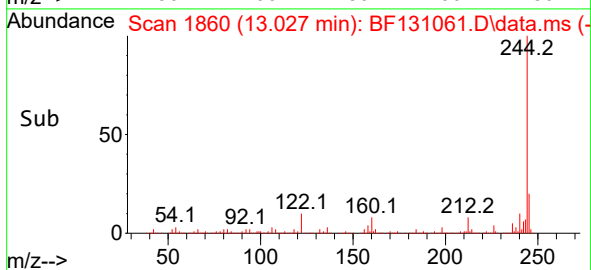
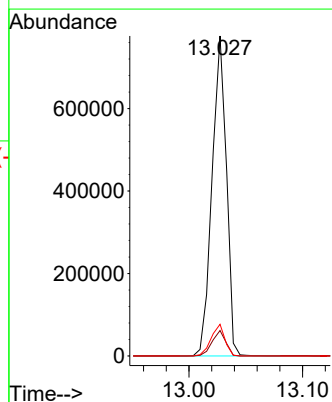
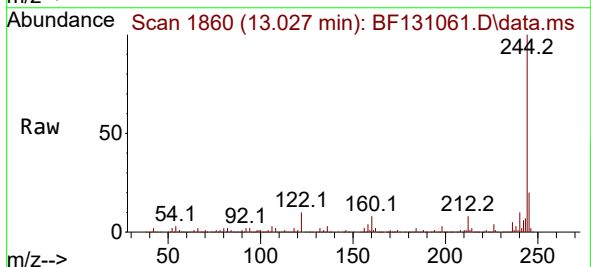
Instrument :
BNA_F
ClientSampleId :
SH-1

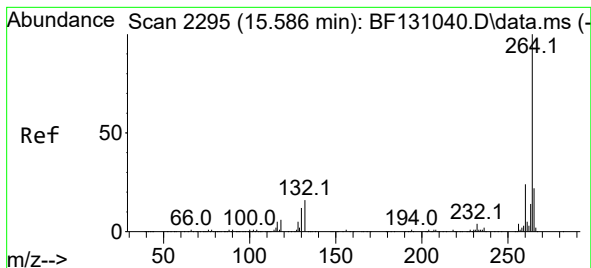
Tgt Ion:184 Resp: 10945
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 4.0 10.0 15.0#



#79
Terphenyl-d14
Concen: 66.260 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

Tgt Ion:244 Resp: 679859
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 9.9 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131061.D

Acq: 08 Nov 2022 12:02

Instrument :

BNA_F

ClientSampleId :

SH-1

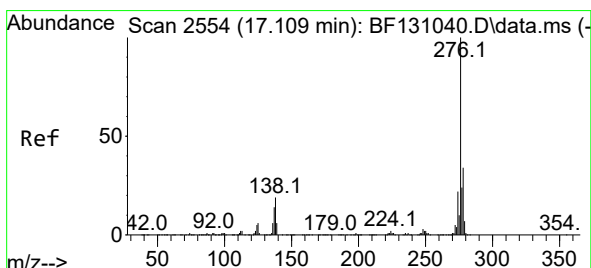
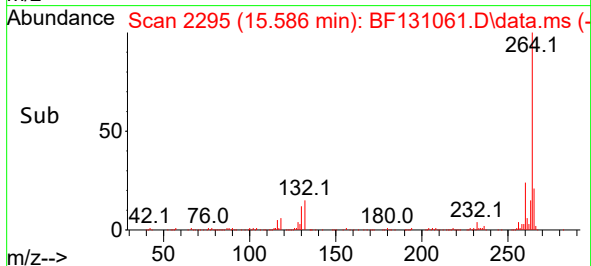
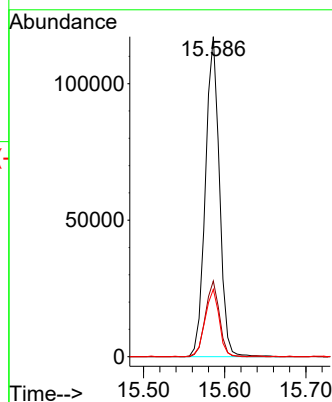
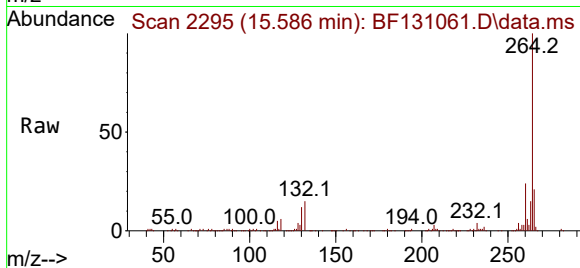
Tgt Ion:264 Resp: 140153

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.0 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.355 ng

RT: 17.104 min Scan# 2553

Delta R.T. -0.006 min

Lab File: BF131061.D

Acq: 08 Nov 2022 12:02

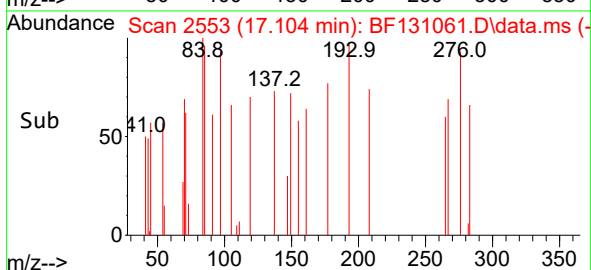
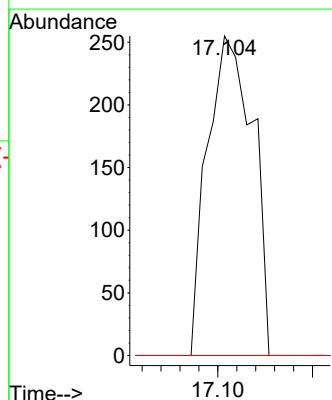
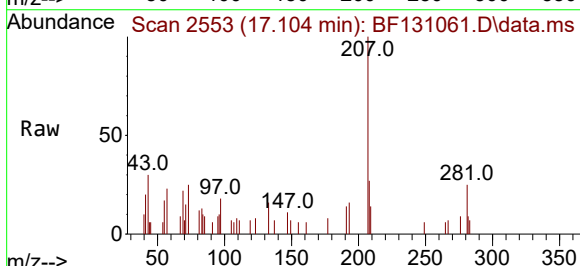
Tgt Ion:276 Resp: 425

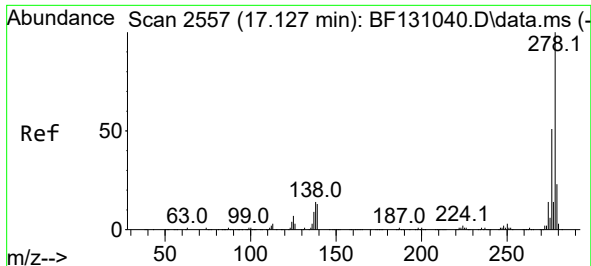
Ion Ratio Lower Upper

276 100

138 0.0 17.3 25.9#

277 0.0 20.2 30.4#

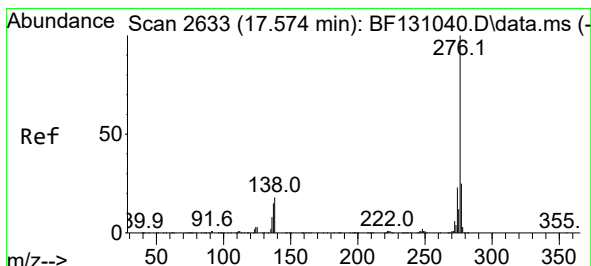
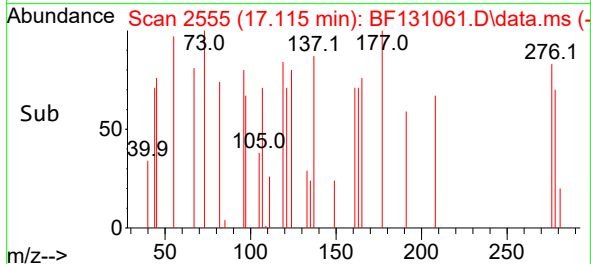
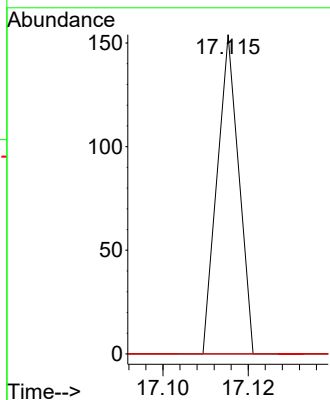
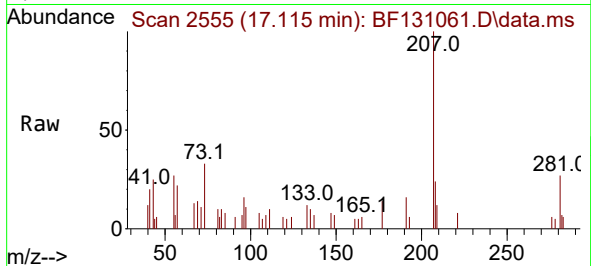




#91
Dibenzo(a,h)anthracene
Concen: 3.312 ng
RT: 17.115 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

Instrument :
BNA_F
ClientSampleId :
SH-1

Tgt Ion:278 Resp: 54
Ion Ratio Lower Upper
278 100
139 0.0 10.8 16.2#
279 0.0 18.7 28.1#



#92
Benzo(g,h,i)perylene
Concen: 3.406 ng
RT: 17.551 min Scan# 2629
Delta R.T. -0.023 min
Lab File: BF131061.D
Acq: 08 Nov 2022 12:02

Tgt Ion:276 Resp: 149
Ion Ratio Lower Upper
276 100
277 0.0 20.0 30.0#
138 0.0 14.8 22.2#

