

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131578.D
 Acq On : 09 Dec 2022 21:21
 Operator : CG\JU
 Sample : N5963-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-1195-08

Quant Time: Dec 10 04:05:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

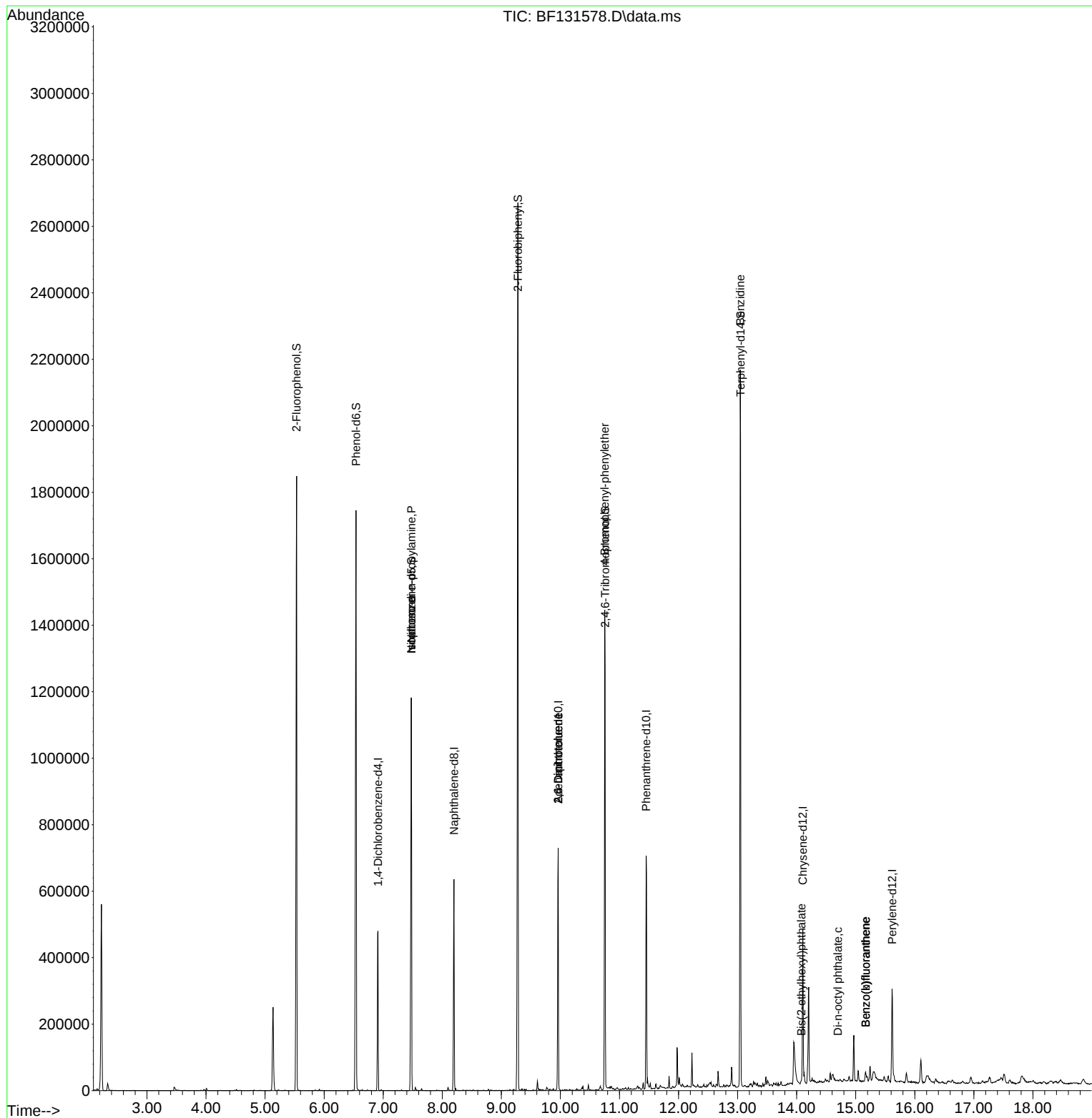
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	67087	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	243610	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	140948	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	255057	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	138628	20.000	ng	0.00
86) Perylene-d12	15.616	264	127710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	447815	111.360	ng	0.02
7) Phenol-d6	6.540	99	590600	112.076	ng	0.00
23) Nitrobenzene-d5	7.475	82	424975	65.954	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	159677	101.966	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	786861	70.390	ng	0.00
79) Terphenyl-d14	13.051	244	752100	74.403	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	61200	15.488	ng	# 79
25) Isophorone	7.475	82	423869	40.839	ng	# 69
51) 2,6-Dinitrotoluene	9.963	165	18148	8.181	ng	# 10
57) 2,4-Dinitrotoluene	9.963	165	18148	6.168	ng	# 16
67) 4-Bromophenyl-phenylether	10.751	248	11076	3.376	ng	# 1
77) Benzidine	13.045	184	11855	3.192	ng	# 89
84) Bis(2-ethylhexyl)phtha...	14.080	149	2384	3.447	ng	# 89
85) Di-n-octyl phthalate	14.698	149	413	5.261	ng	# 1
88) Benzo(b)fluoranthene	15.169	252	20688	2.458	ng	# 96
89) Benzo(k)fluoranthene	15.169	252	20688	2.355	ng	# 96

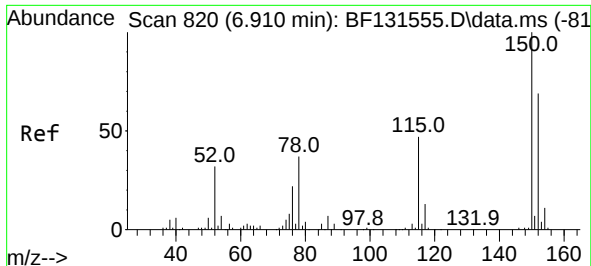
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
Data File : BF131578.D
Acq On : 09 Dec 2022 21:21
Operator : CG\JU
Sample : N5963-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-1195-08

Quant Time: Dec 10 04:05:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 06:08:27 2022
Response via : Initial Calibration

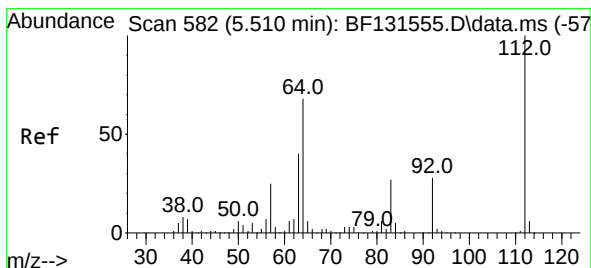
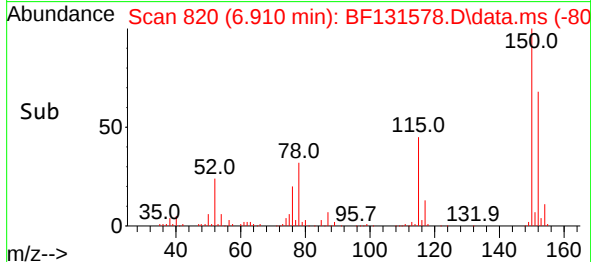
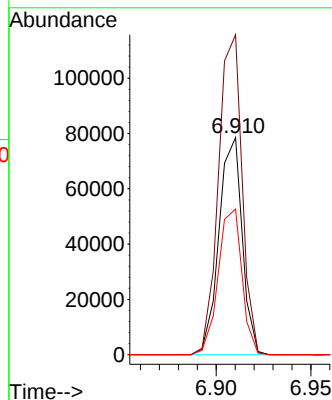
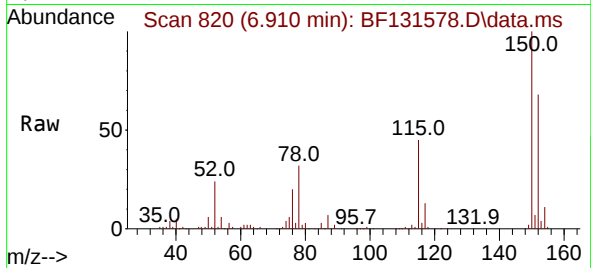




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

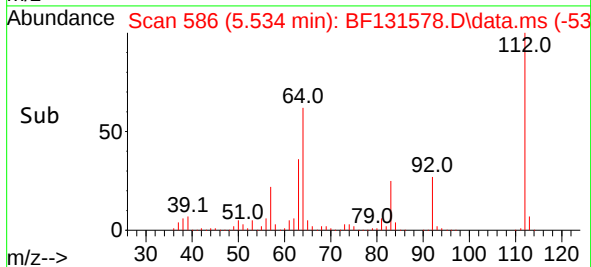
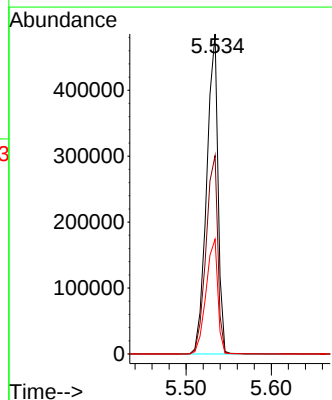
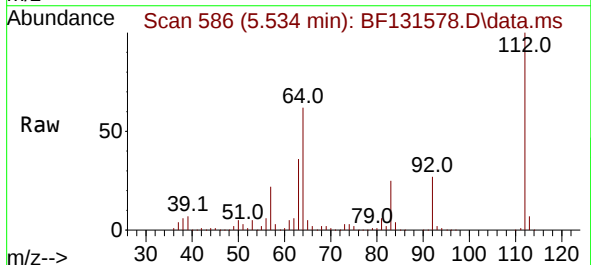
Instrument :
BNA_F
ClientSampleId :
72-1195-08

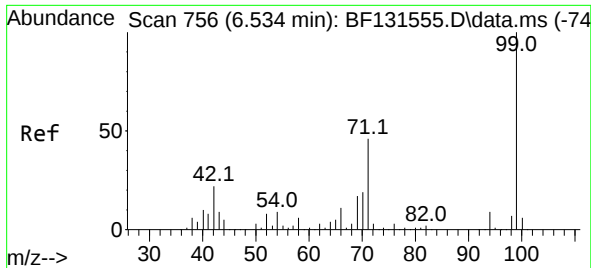
Tgt Ion:152 Resp: 67087
Ion Ratio Lower Upper
152 100
150 147.4 116.7 175.1
115 67.0 54.6 82.0



#5
2-Fluorophenol
Concen: 111.360 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.024 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

Tgt Ion:112 Resp: 447815
Ion Ratio Lower Upper
112 100
64 62.0 54.5 81.7
63 35.8 31.9 47.9

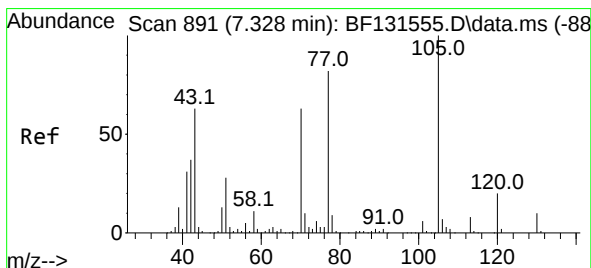
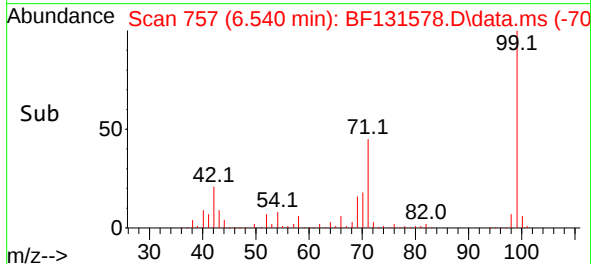
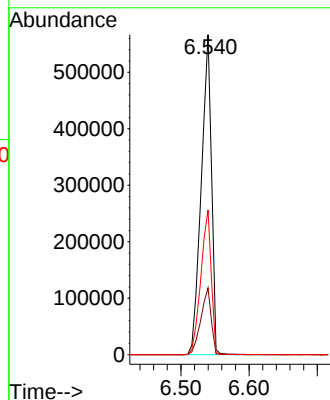
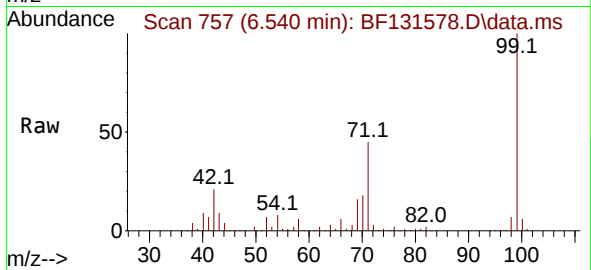




#7
Phenol-d6
Concen: 112.076 ng
RT: 6.540 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

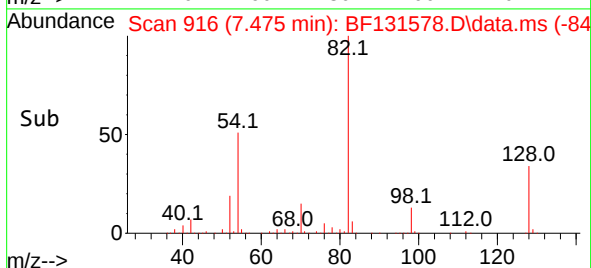
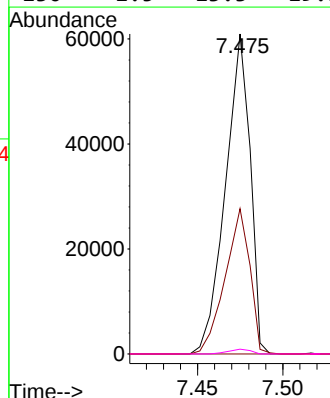
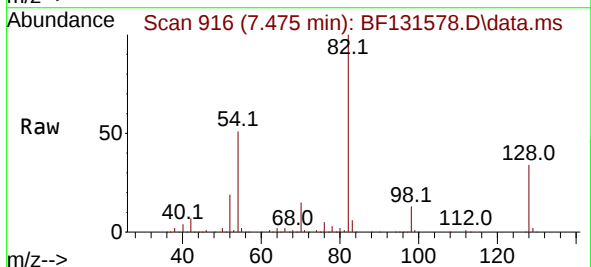
Instrument :
BNA_F
ClientSampleId :
72-1195-08

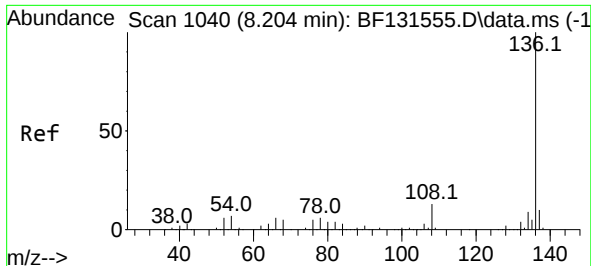
Tgt Ion: 99 Resp: 590600
Ion Ratio Lower Upper
99 100
42 20.9 17.9 26.9
71 45.2 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.488 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

Tgt Ion: 70 Resp: 61200
Ion Ratio Lower Upper
70 100
42 45.4 46.4 69.6#
101 0.0 7.2 10.8#
130 1.5 13.3 19.9#

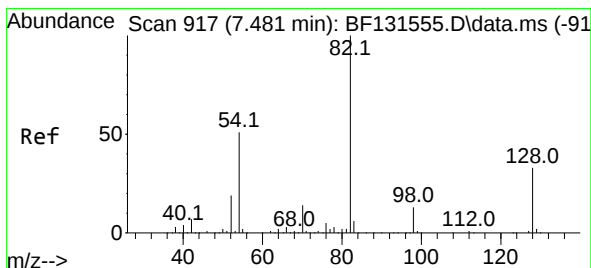
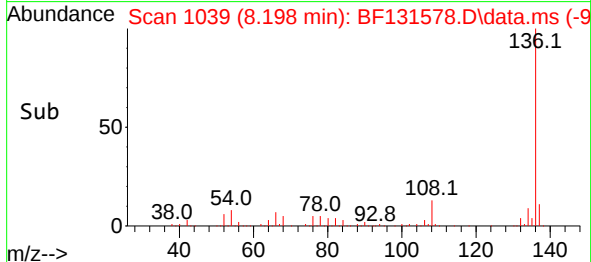
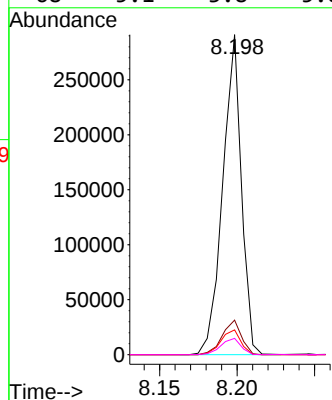
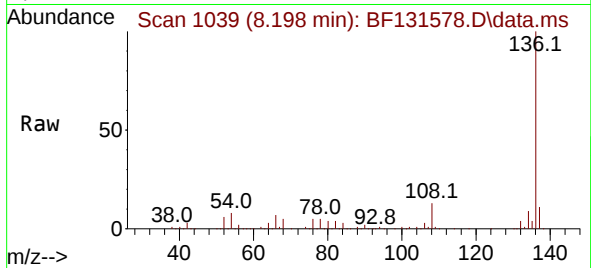




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

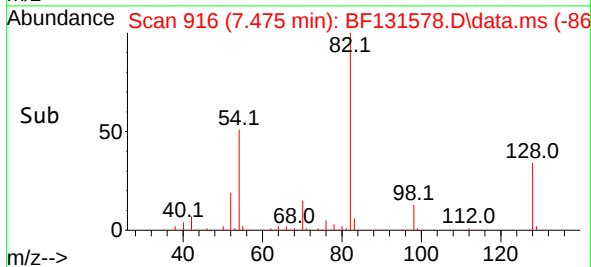
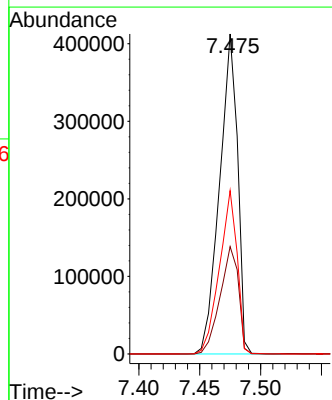
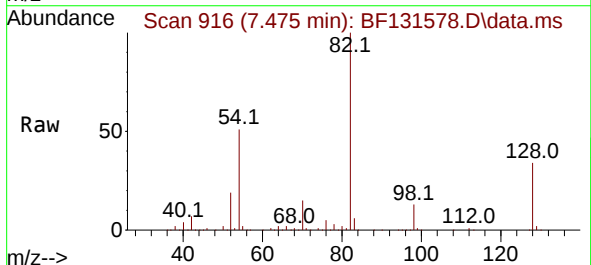
Instrument :
BNA_F
ClientSampleId :
72-1195-08

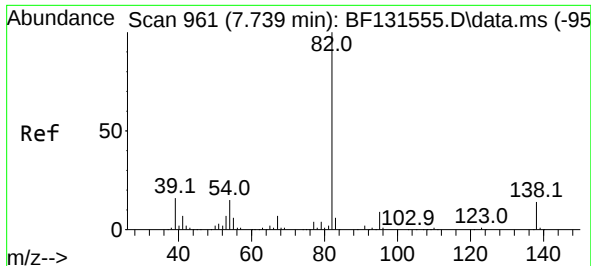
Tgt Ion:136 Resp: 243610
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 7.8 6.0 9.0
68 5.1 3.8 5.8



#23
Nitrobenzene-d5
Concen: 65.954 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

Tgt Ion: 82 Resp: 424975
Ion Ratio Lower Upper
82 100
128 33.5 26.1 39.1
54 51.1 40.6 60.8

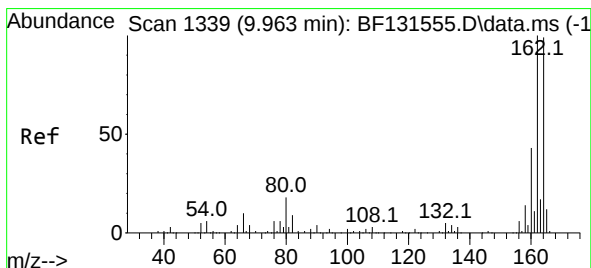
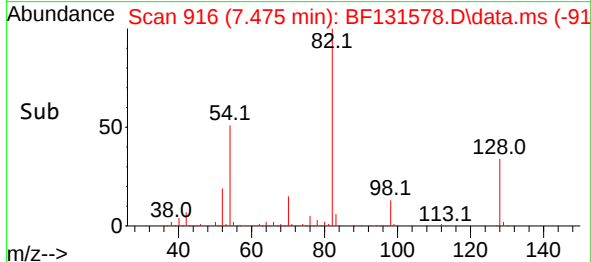
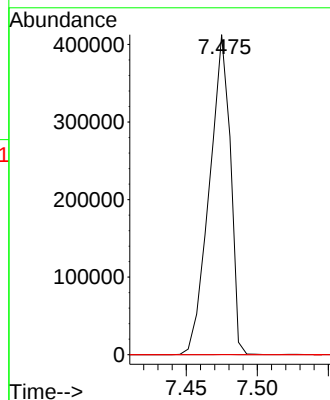
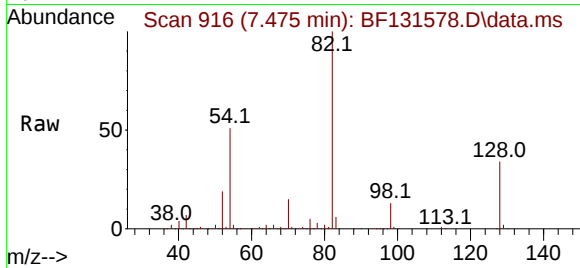




#25
Isophorone
Concen: 40.839 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

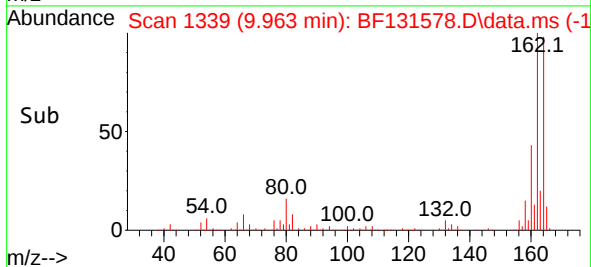
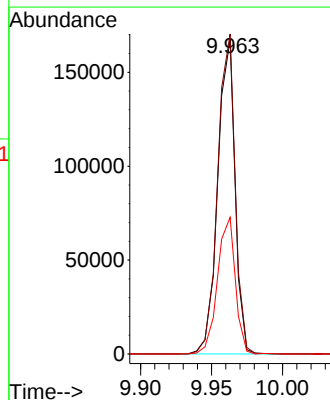
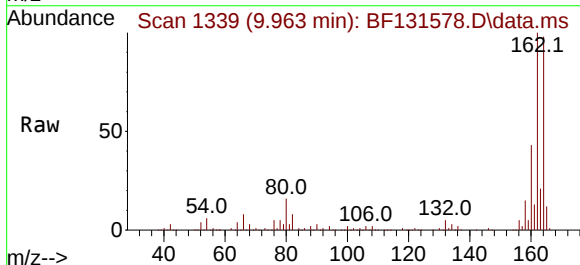
Instrument :
BNA_F
ClientSampleId :
72-1195-08

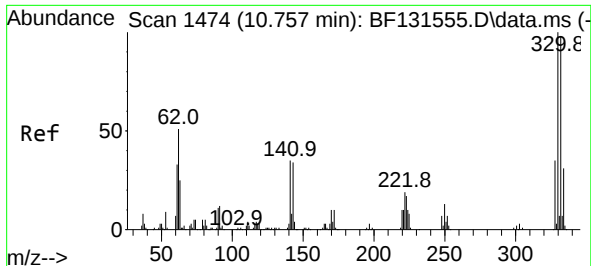
Tgt Ion: 82 Resp: 423869
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

Tgt Ion:164 Resp: 140948
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 43.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 101.966 ng

RT: 10.757 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131578.D

Acq: 09 Dec 2022 21:21

Instrument :

BNA_F

ClientSampleId :

72-1195-08

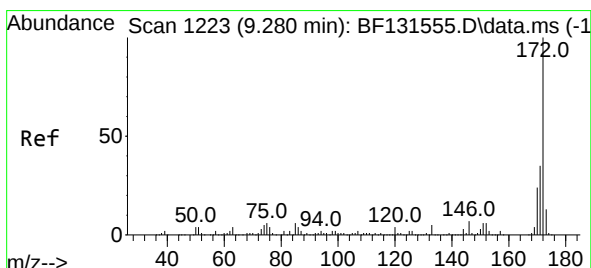
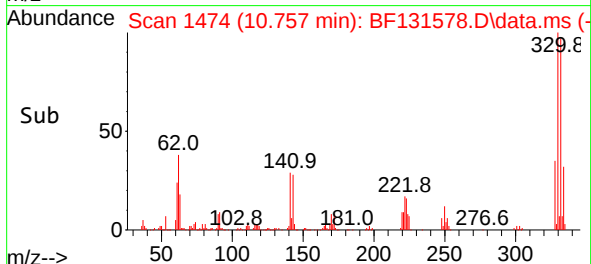
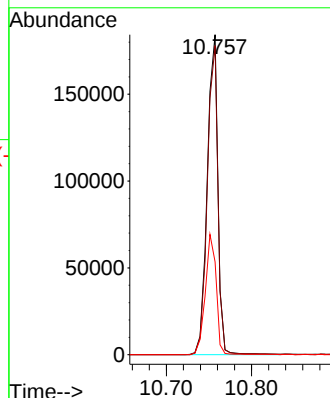
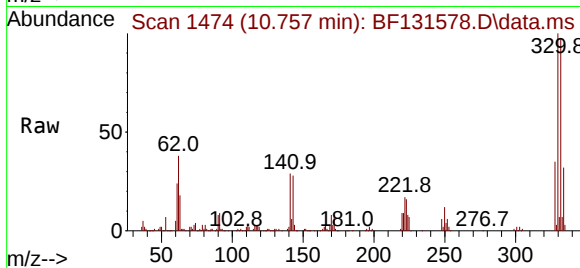
Tgt Ion:330 Resp: 159677

Ion Ratio Lower Upper

330 100

332 96.3 78.3 117.5

141 38.4 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 70.390 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131578.D

Acq: 09 Dec 2022 21:21

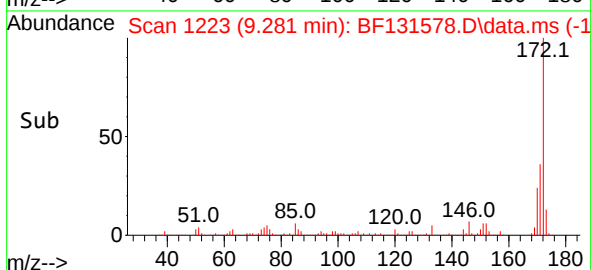
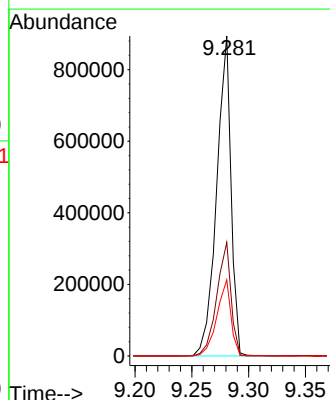
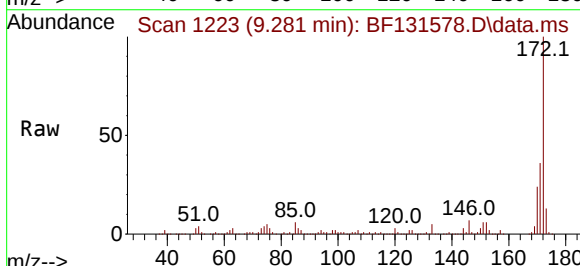
Tgt Ion:172 Resp: 786861

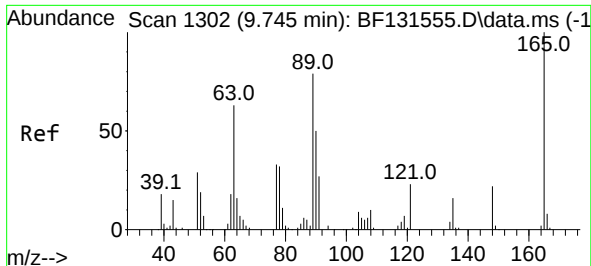
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.8 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 8.181 ng

RT: 9.963 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF131578.D

Acq: 09 Dec 2022 21:21

Instrument :

BNA_F

ClientSampleId :

72-1195-08

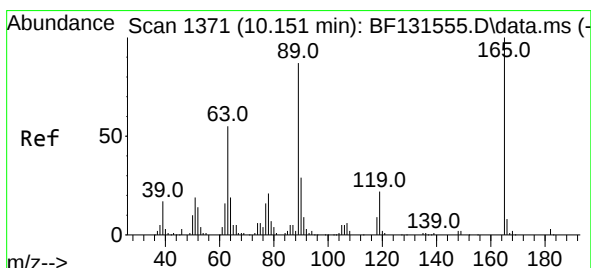
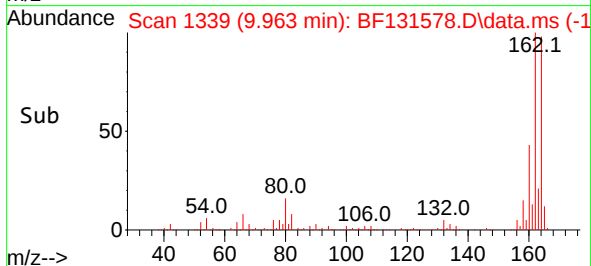
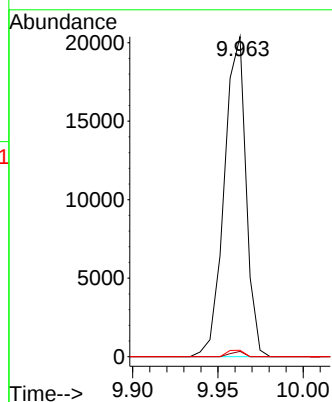
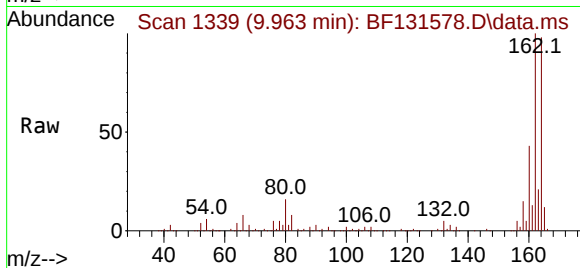
Tgt Ion:165 Resp: 18148

Ion Ratio Lower Upper

165 100

63 1.7 67.9 101.9#

89 2.0 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 6.168 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.188 min

Lab File: BF131578.D

Acq: 09 Dec 2022 21:21

Tgt Ion:165 Resp: 18148

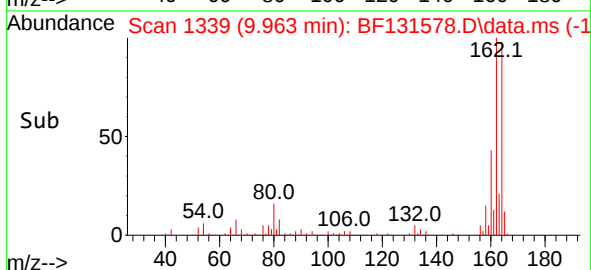
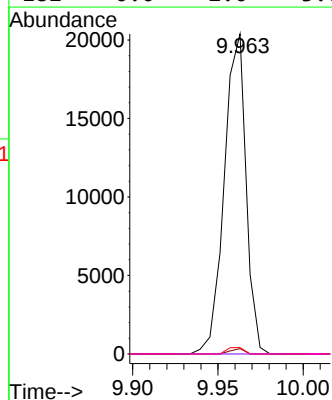
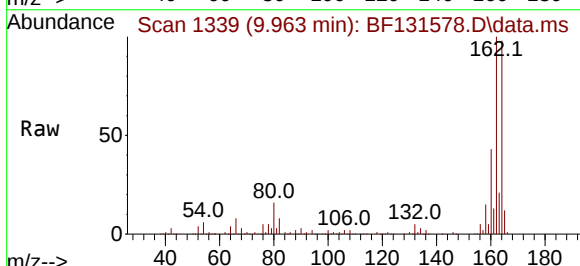
Ion Ratio Lower Upper

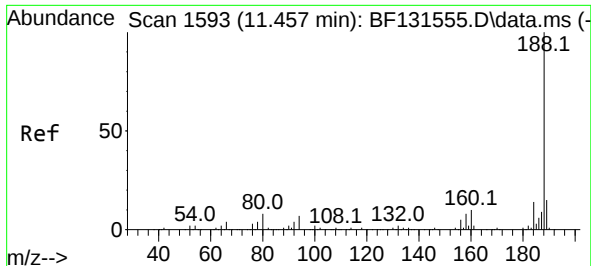
165 100

63 1.7 44.4 66.6#

89 2.0 69.6 104.4#

182 0.0 2.0 3.0#

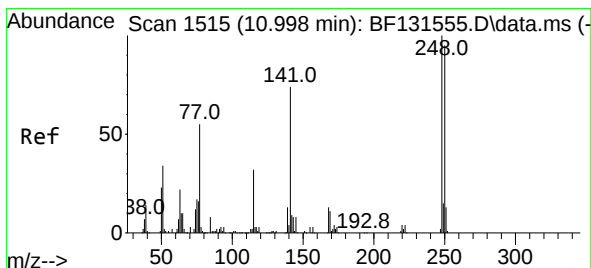
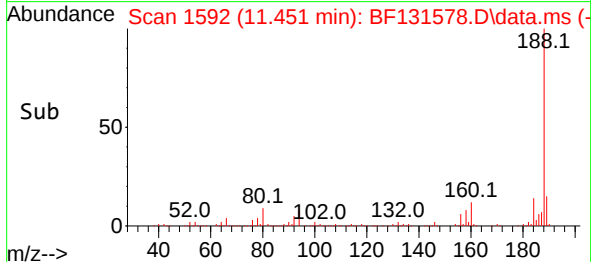
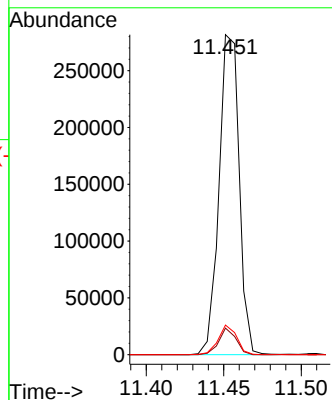
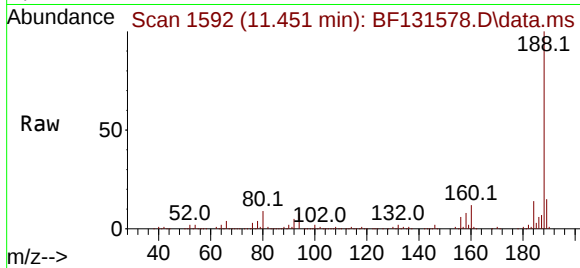




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

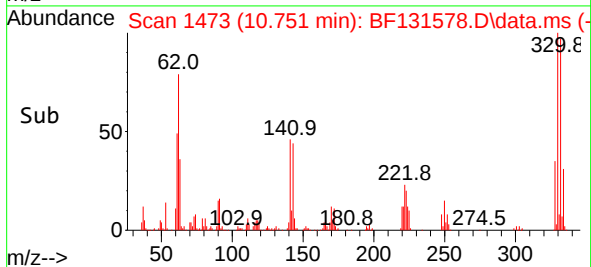
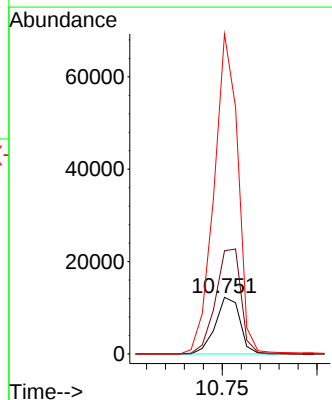
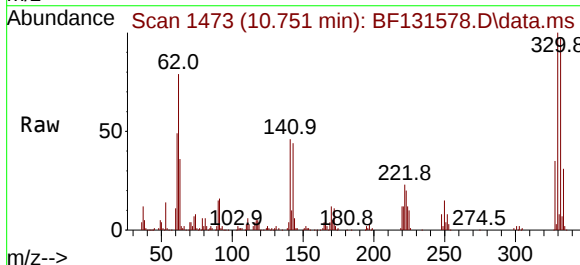
Instrument :
BNA_F
ClientSampleId :
72-1195-08

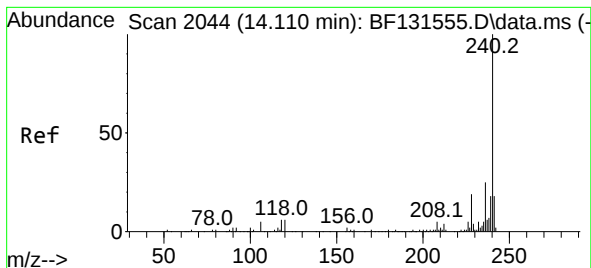
Tgt Ion:188 Resp: 255057
Ion Ratio Lower Upper
188 100
94 8.3 5.5 8.3#
80 9.2 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.376 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF131578.D
Acq: 09 Dec 2022 21:21

Tgt Ion:248 Resp: 11076
Ion Ratio Lower Upper
248 100
250 182.5 76.2 114.2#
141 565.5 59.5 89.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2044

Delta R.T. -0.006 min

Lab File: BF131578.D

Acq: 09 Dec 2022 21:21

Instrument :

BNA_F

ClientSampleId :

72-1195-08

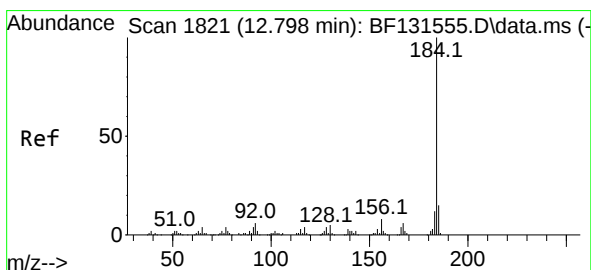
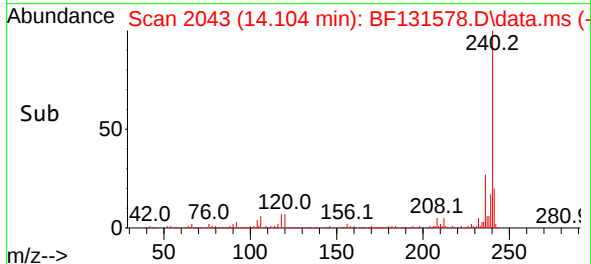
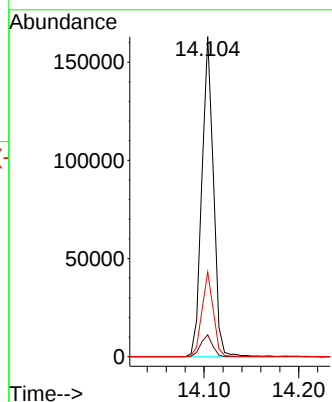
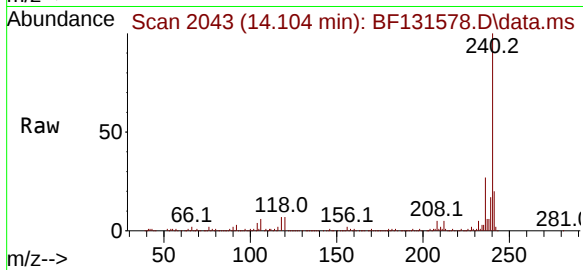
Tgt Ion:240 Resp: 138628

Ion Ratio Lower Upper

240 100

120 6.8 4.6 7.0

236 26.5 20.2 30.2



#77

Benzidine

Concen: 3.192 ng

RT: 13.045 min Scan# 1863

Delta R.T. 0.247 min

Lab File: BF131578.D

Acq: 09 Dec 2022 21:21

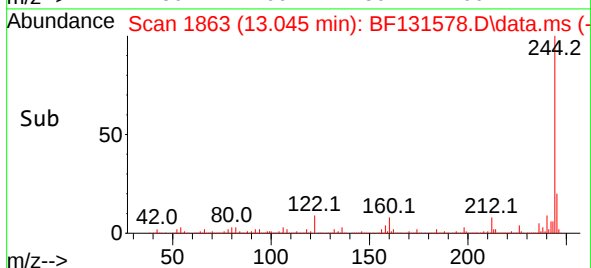
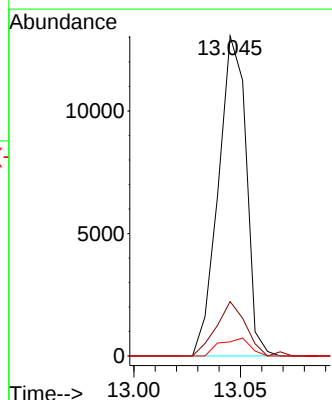
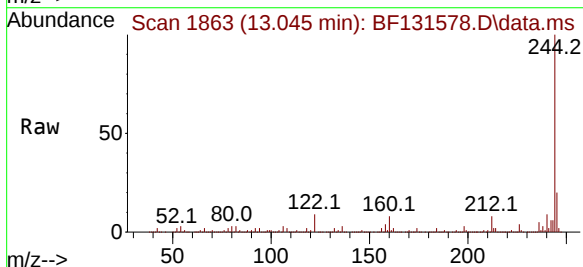
Tgt Ion:184 Resp: 11855

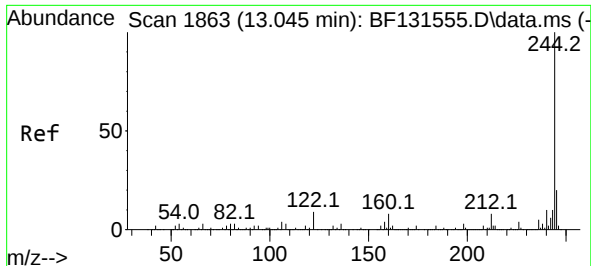
Ion Ratio Lower Upper

184 100

185 17.0 12.2 18.2

183 4.4 9.3 13.9#

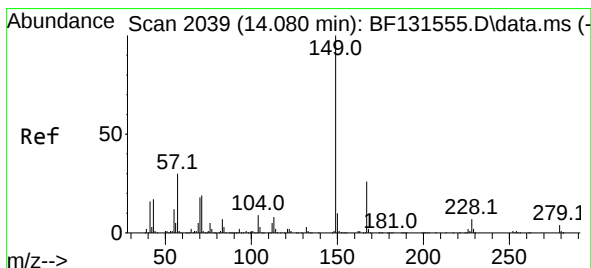
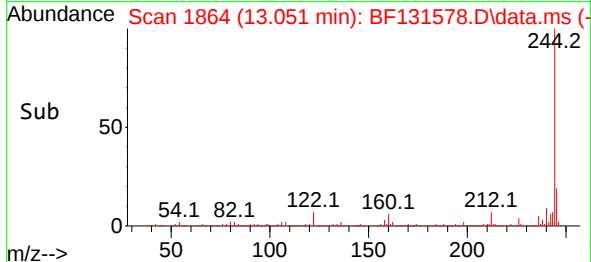
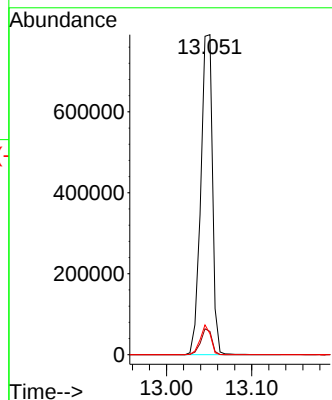
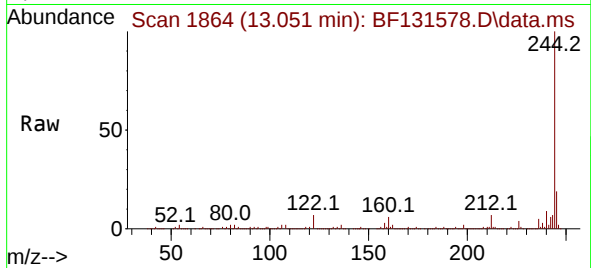




#79
 Terphenyl-d14
 Concen: 74.403 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131578.D
 Acq: 09 Dec 2022 21:21

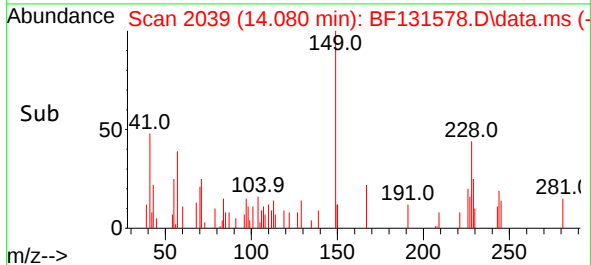
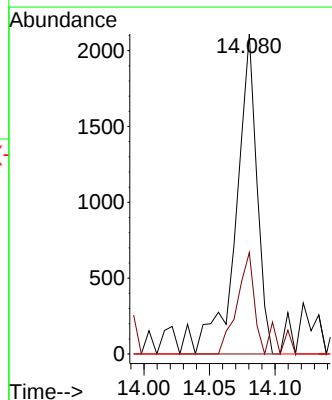
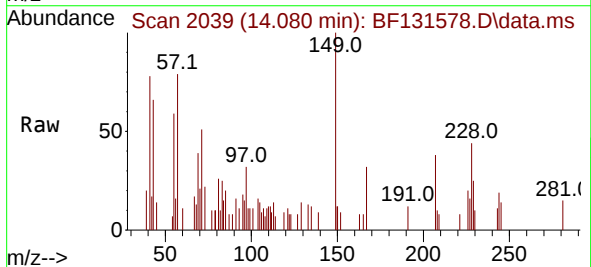
Instrument :
 BNA_F
 ClientSampleId :
 72-1195-08

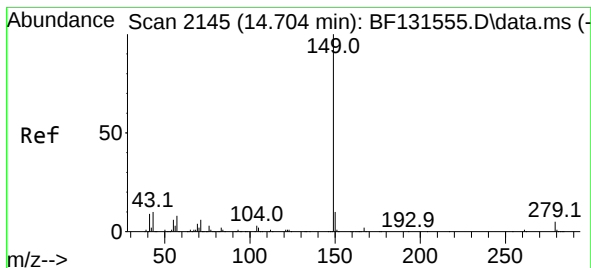
Tgt Ion:244 Resp: 752100
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 6.6 7.1 10.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.447 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: BF131578.D
 Acq: 09 Dec 2022 21:21

Tgt Ion:149 Resp: 2384
 Ion Ratio Lower Upper
 149 100
 167 31.7 20.8 31.2#
 279 0.0 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 5.261 ng

RT: 14.698 min Scan# 2145

Delta R.T. -0.006 min

Lab File: BF131578.D

Acq: 09 Dec 2022 21:21

Instrument :

BNA_F

ClientSampleId :

72-1195-08

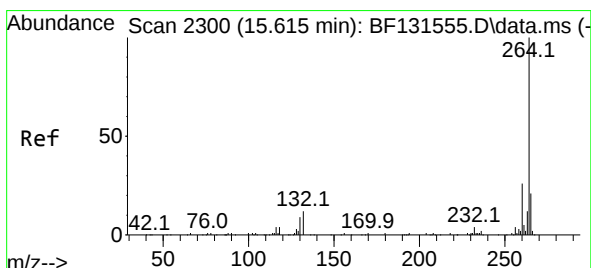
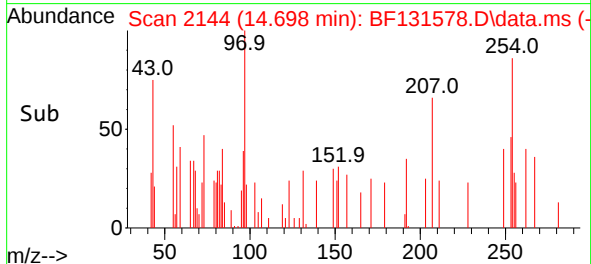
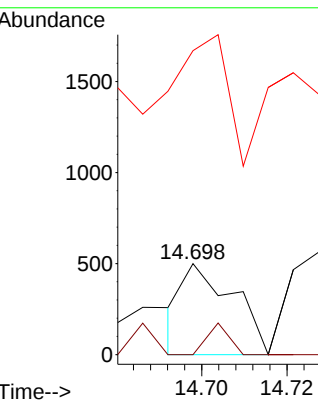
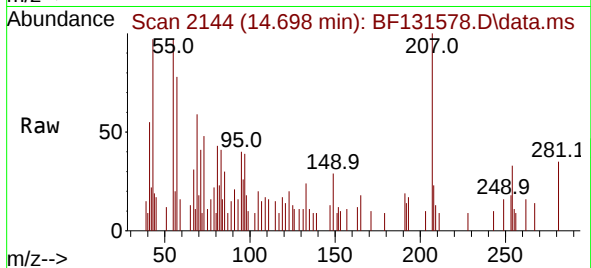
Tgt Ion:149 Resp: 413

Ion Ratio Lower Upper

149 100

167 14.8 1.2 1.8#

43 151.1 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.616 min Scan# 2300

Delta R.T. 0.000 min

Lab File: BF131578.D

Acq: 09 Dec 2022 21:21

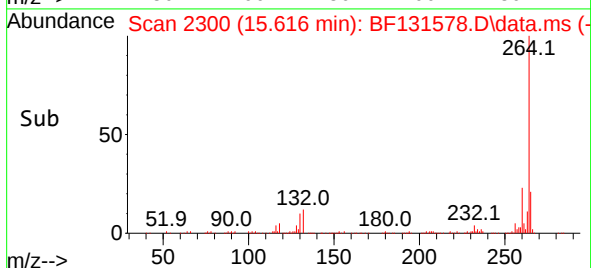
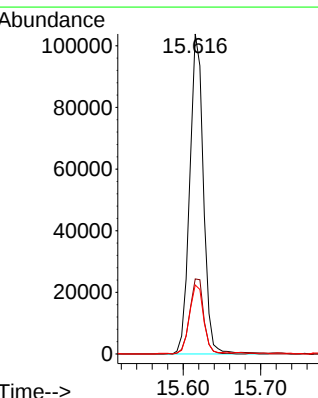
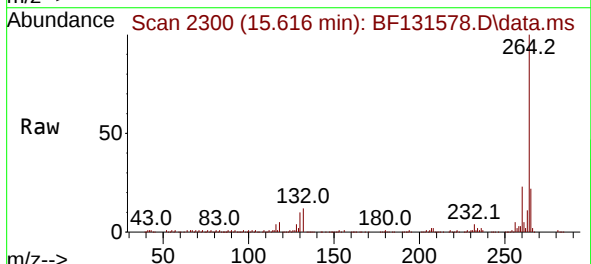
Tgt Ion:264 Resp: 127710

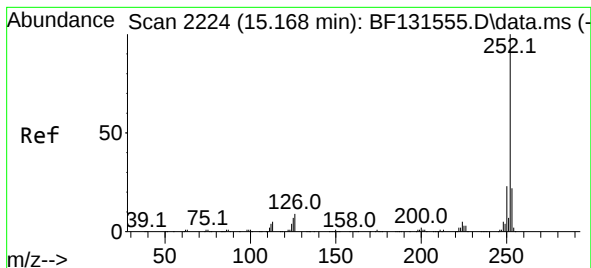
Ion Ratio Lower Upper

264 100

260 23.4 20.6 30.8

265 21.6 16.8 25.2





#88

Benzo(b)fluoranthene

Concen: 2.458 ng

RT: 15.169 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131578.D

Acq: 09 Dec 2022 21:21

Instrument :

BNA_F

ClientSampleId :

72-1195-08

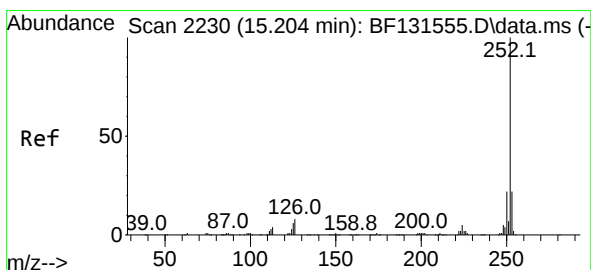
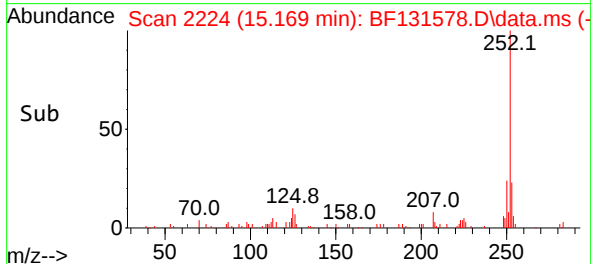
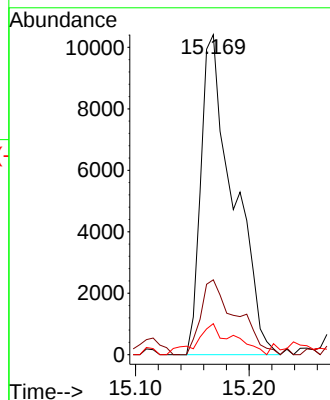
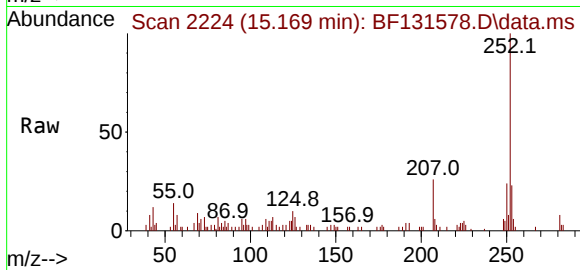
Tgt Ion:252 Resp: 20688

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 9.7 5.6 8.4#



#89

Benzo(k)fluoranthene

Concen: 2.355 ng

RT: 15.169 min Scan# 2224

Delta R.T. -0.035 min

Lab File: BF131578.D

Acq: 09 Dec 2022 21:21

Tgt Ion:252 Resp: 20688

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

125 9.7 4.9 7.3#

