

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131364.D
 Acq On : 23 Nov 2022 16:33
 Operator : CG\JU
 Sample : PB149244TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149244TB

Quant Time: Nov 24 05:56:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:53:32 2022
 Response via : Initial Calibration

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

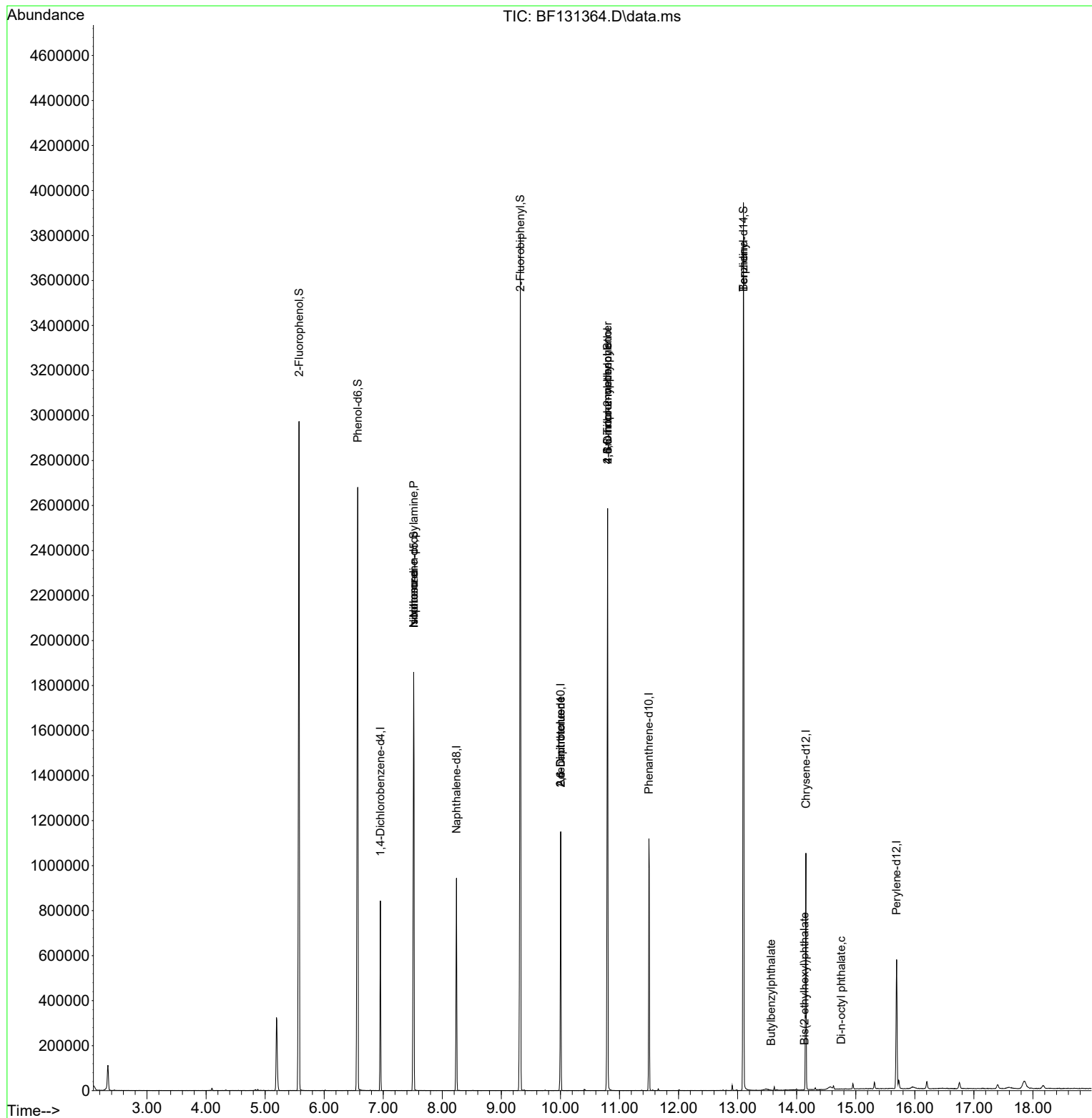
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	107201	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	393523	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	221308	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	415083	20.000	ng	0.00
76) Chrysene-d12	14.157	240	345782	20.000	ng	0.00
86) Perylene-d12	15.692	264	274928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	779292	138.353	ng	0.02
7) Phenol-d6	6.569	99	972485	135.320	ng	0.00
23) Nitrobenzene-d5	7.516	82	661165	84.692	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	289422	155.446	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1213971	79.803	ng	0.00
79) Terphenyl-d14	13.098	244	1538819	72.774	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.563	77	1813	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	90910	17.280	ng	# 73
25) Isophorone	7.516	82	660927	47.454	ng	# 68
51) 2,6-Dinitrotoluene	10.004	165	29082	9.431	ng	# 14
57) 2,4-Dinitrotoluene	10.004	165	29082	7.496	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.798	198	725	5.030	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	19140	3.762	ng	# 1
77) Benzidine	13.098	184	20187	3.161	ng	# 92
80) Butylbenzylphthalate	13.569	149	146	4.157	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.133	149	327	3.771	ng	# 52
85) Di-n-octyl phthalate	14.757	149	434	3.927	ng	# 1

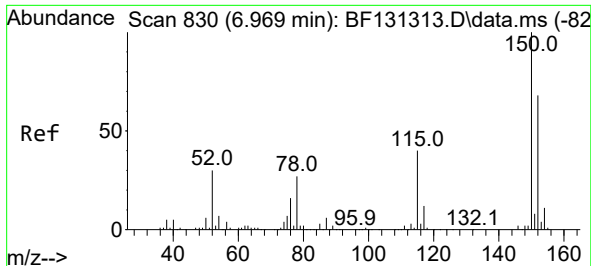
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131364.D
Acq On : 23 Nov 2022 16:33
Operator : CG\JU
Sample : PB149244TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB149244TB

Quant Time: Nov 24 05:56:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 05:53:32 2022
Response via : Initial Calibration

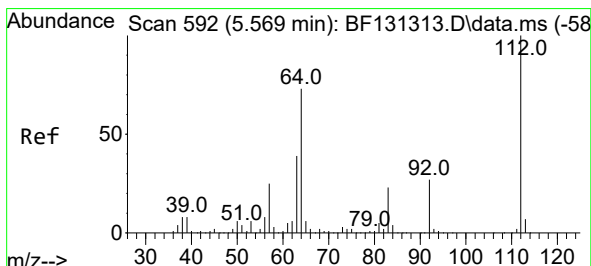
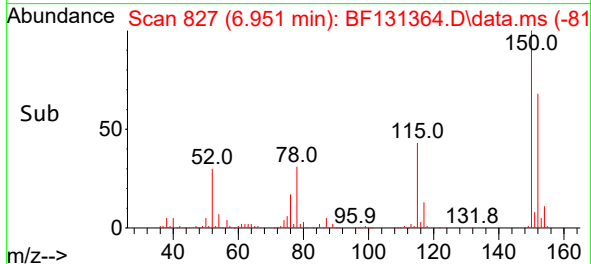
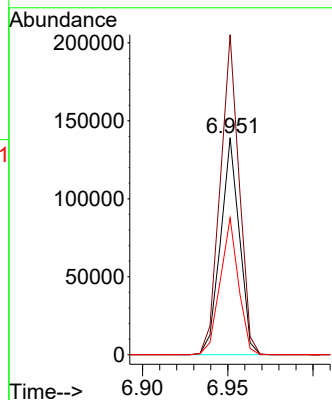
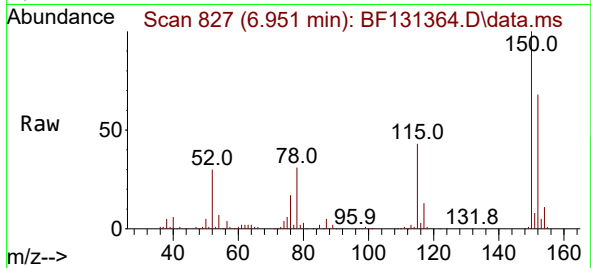




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

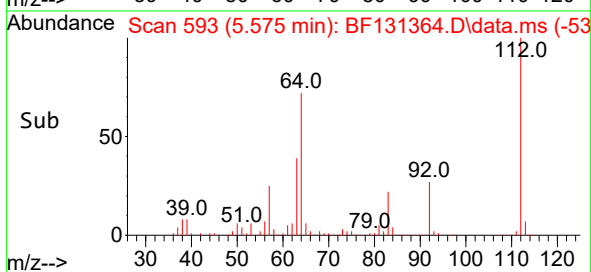
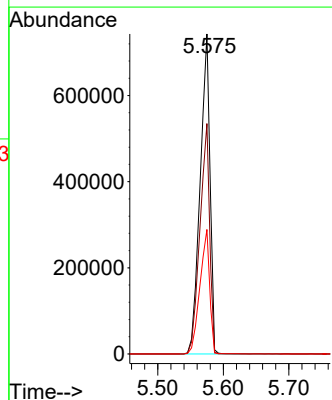
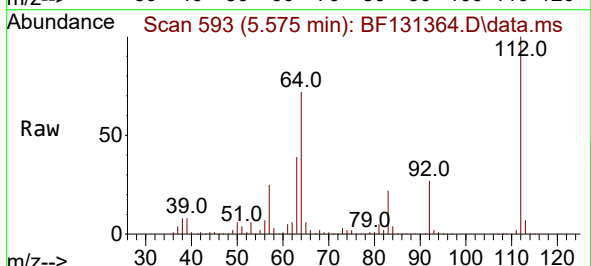
Instrument :
BNA_F
ClientSampleId :
PB149244TB

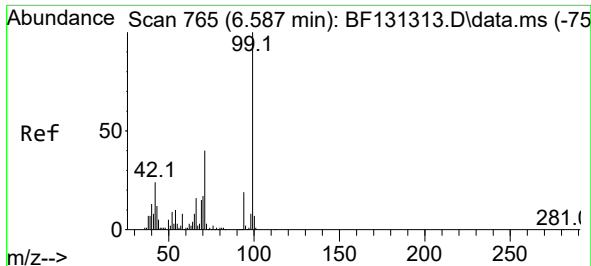
Tgt Ion:152 Resp: 107201
Ion Ratio Lower Upper
152 100
150 147.5 117.8 176.8
115 63.1 47.1 70.7



#5
2-Fluorophenol
Concen: 138.353 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.018 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

Tgt Ion:112 Resp: 779292
Ion Ratio Lower Upper
112 100
64 72.0 58.6 88.0
63 38.9 31.4 47.0

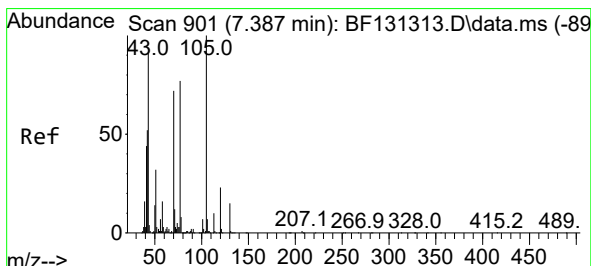
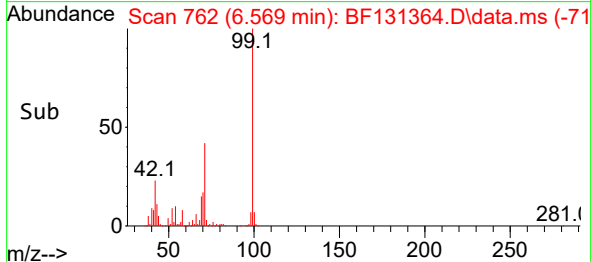
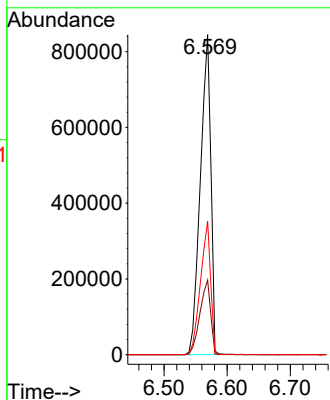
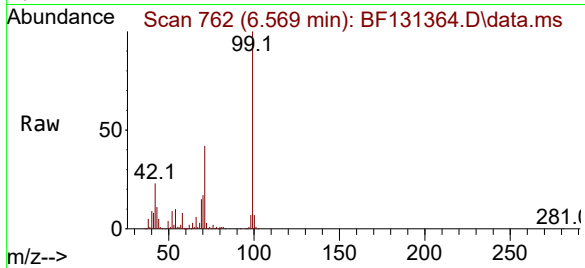




#7
Phenol-d6
Concen: 135.320 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

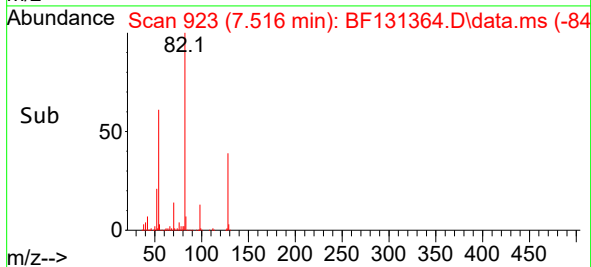
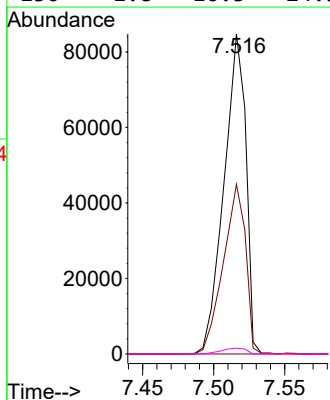
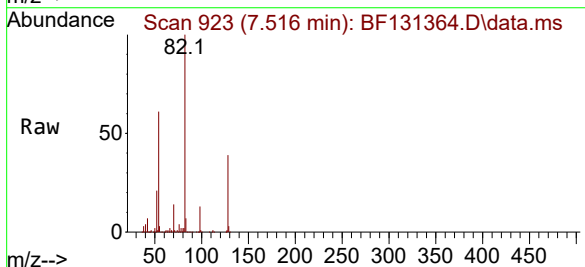
Instrument :
BNA_F
ClientSampleId :
PB149244TB

Tgt Ion: 99 Resp: 972485
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.2
71 41.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.280 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

Tgt Ion: 70 Resp: 90910
Ion Ratio Lower Upper
70 100
42 53.1 57.6 86.4#
101 0.0 8.2 12.2#
130 1.8 16.3 24.5#

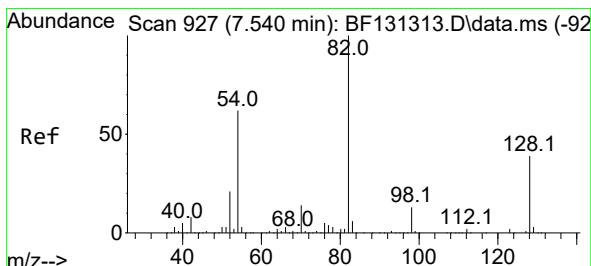
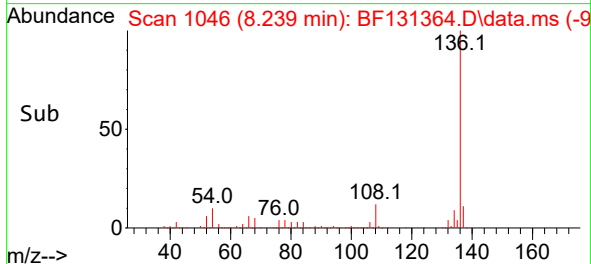
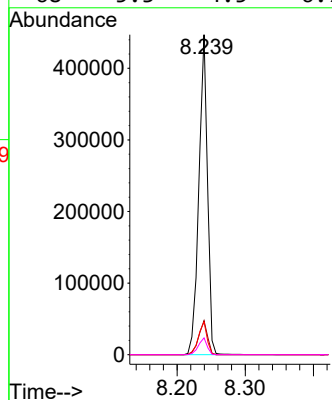
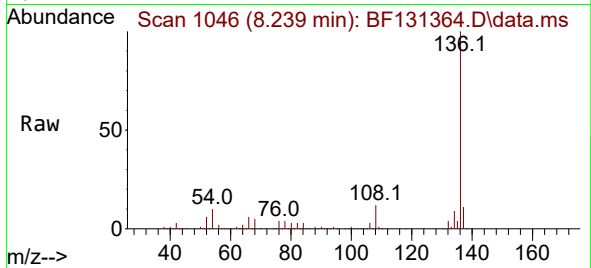




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

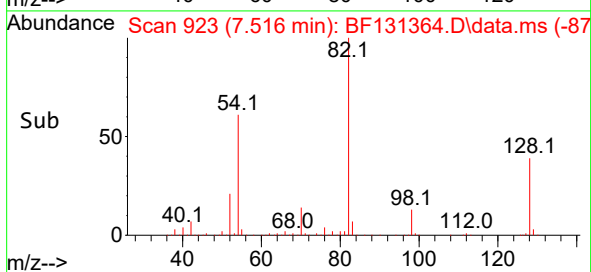
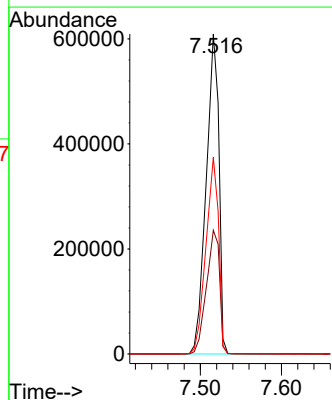
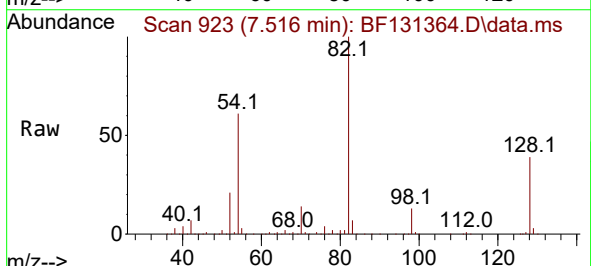
Instrument :
BNA_F
ClientSampleId :
PB149244TB

Tgt Ion:136 Resp: 393523
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.2 9.4 14.0
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.692 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

Tgt Ion: 82 Resp: 661165
Ion Ratio Lower Upper
82 100
128 38.7 31.4 47.0
54 61.5 49.8 74.6

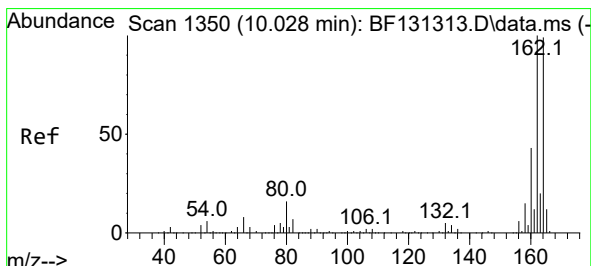
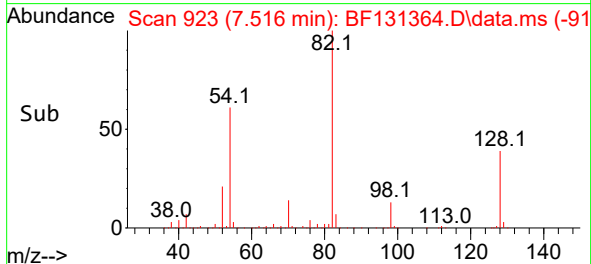
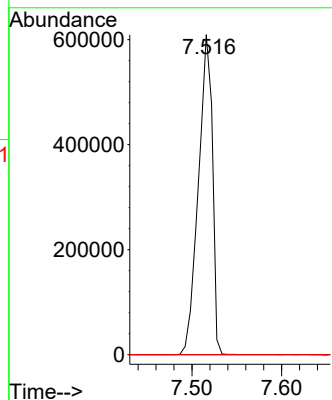
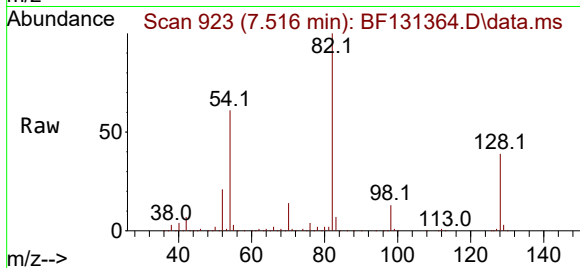




#25
Isophorone
Concen: 47.454 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

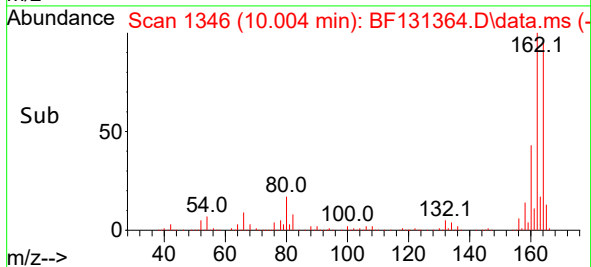
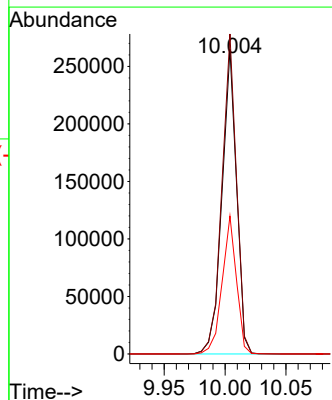
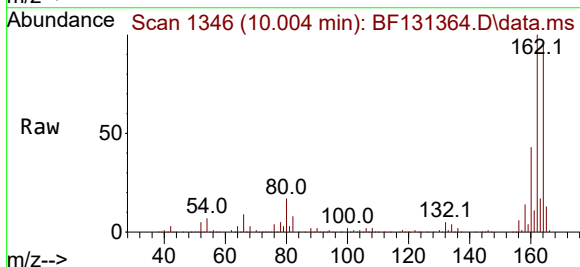
Instrument :
BNA_F
ClientSampleId :
PB149244TB

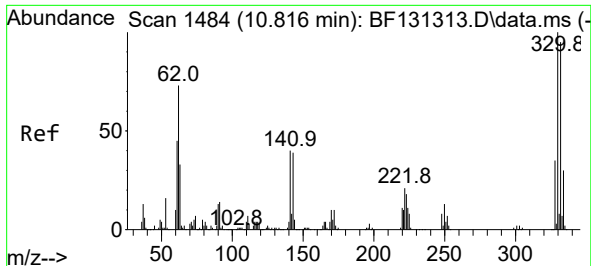
Tgt Ion: 82 Resp: 660927
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

Tgt Ion: 164 Resp: 221308
Ion Ratio Lower Upper
164 100
162 105.1 80.6 120.8
160 45.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 155.446 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131364.D

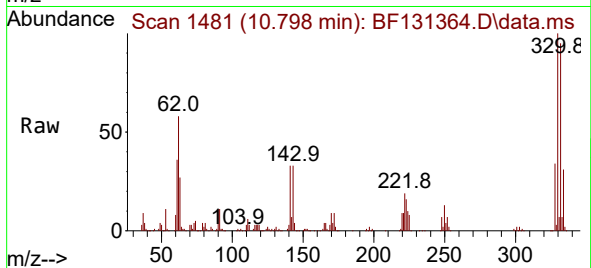
Acq: 23 Nov 2022 16:33

Instrument :

BNA_F

ClientSampleId :

PB149244TB



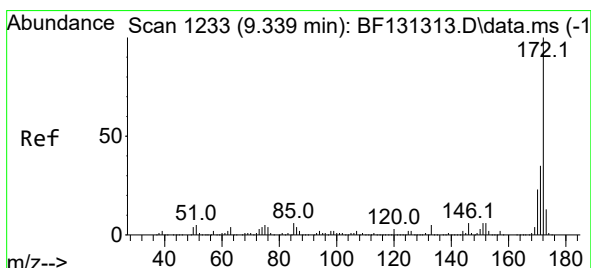
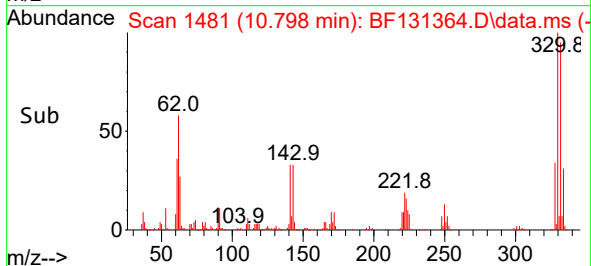
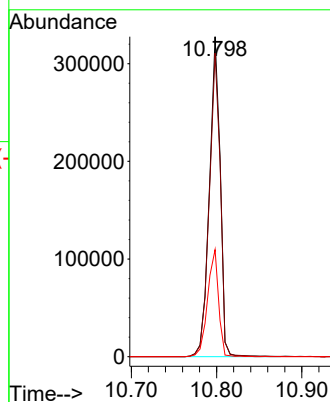
Tgt Ion:330 Resp: 289422

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 33.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 79.803 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131364.D

Acq: 23 Nov 2022 16:33

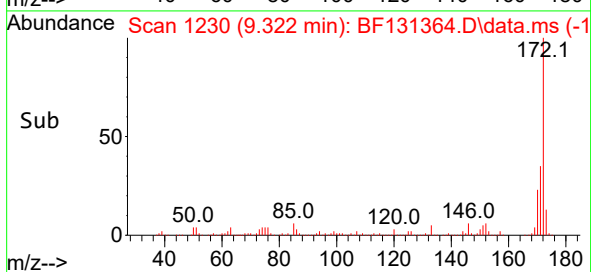
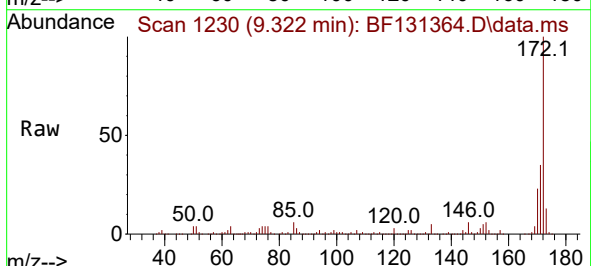
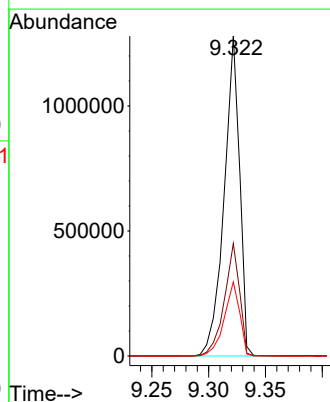
Tgt Ion:172 Resp: 1213971

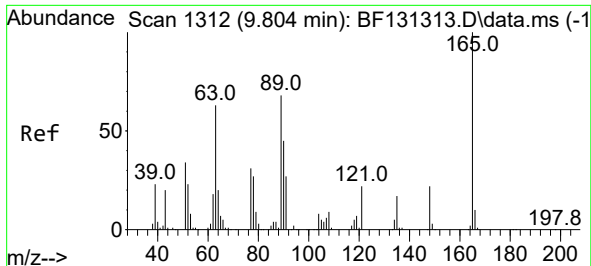
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.1 18.7 28.1

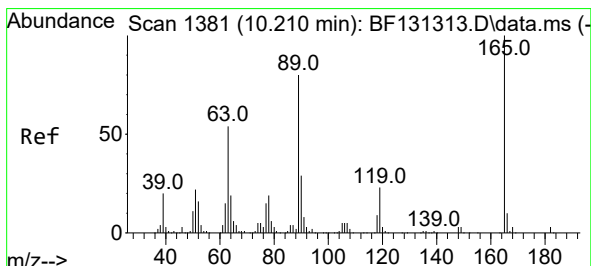
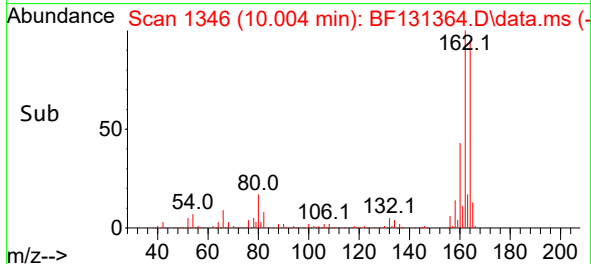
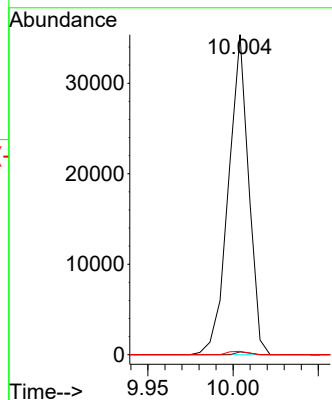
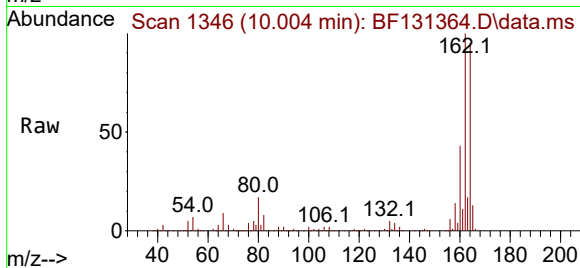




#51
2,6-Dinitrotoluene
Concen: 9.431 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

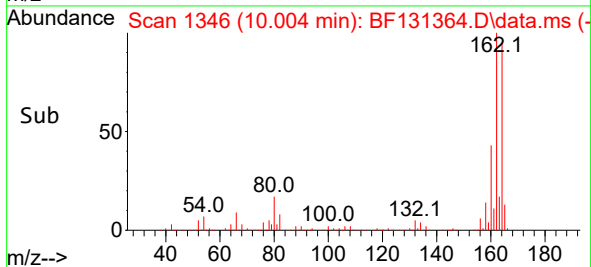
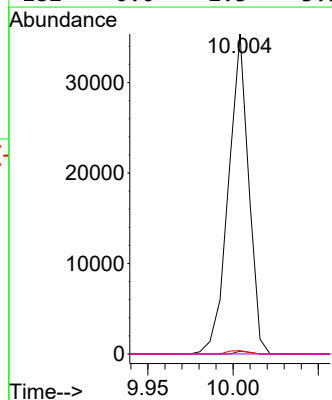
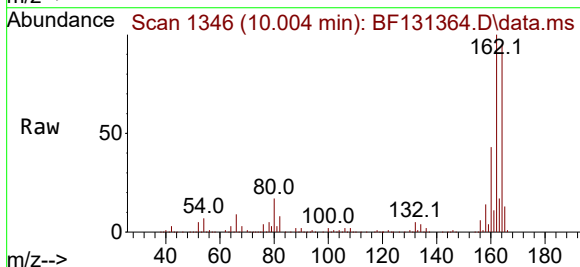
Instrument :
BNA_F
ClientSampleId :
PB149244TB

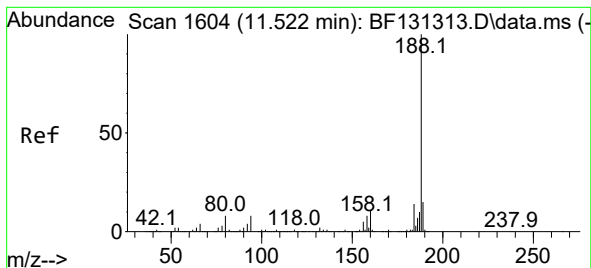
Tgt Ion:165 Resp: 29082
Ion Ratio Lower Upper
165 100
63 0.8 62.0 93.0#
89 1.0 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.496 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.188 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

Tgt Ion:165 Resp: 29082
Ion Ratio Lower Upper
165 100
63 0.8 43.4 65.2#
89 1.0 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131364.D

Acq: 23 Nov 2022 16:33

Instrument :

BNA_F

ClientSampleId :

PB149244TB

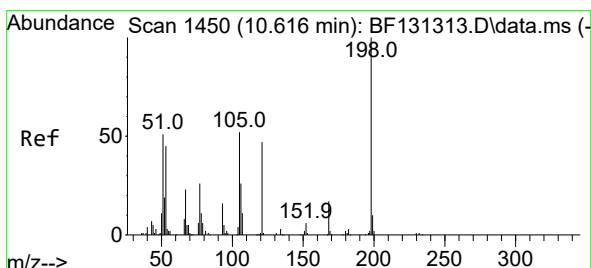
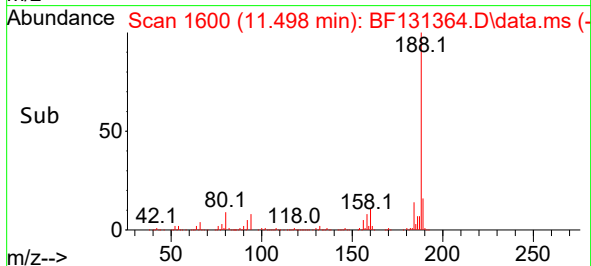
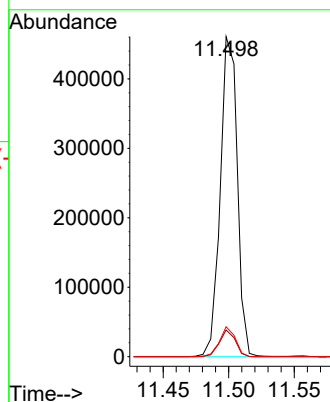
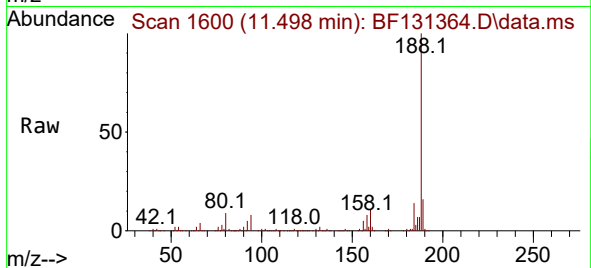
Tgt Ion:188 Resp: 415083

Ion Ratio Lower Upper

188 100

94 8.4 6.3 9.5

80 9.3 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.030 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.194 min

Lab File: BF131364.D

Acq: 23 Nov 2022 16:33

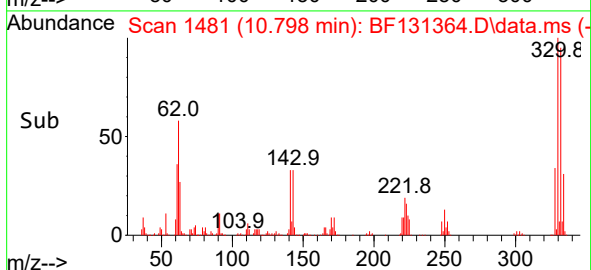
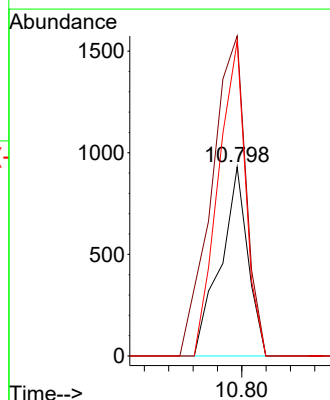
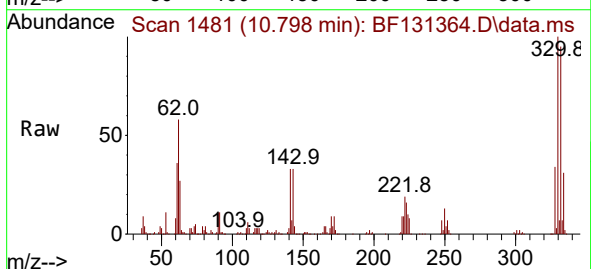
Tgt Ion:198 Resp: 725

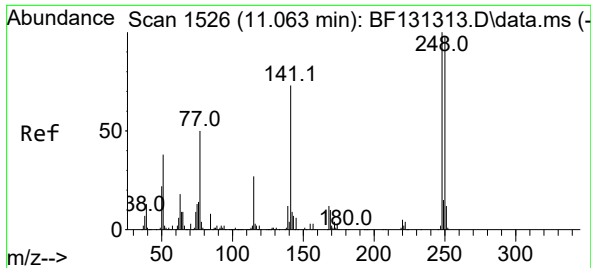
Ion Ratio Lower Upper

198 100

51 169.4 50.1 90.1#

105 166.5 32.5 72.5#

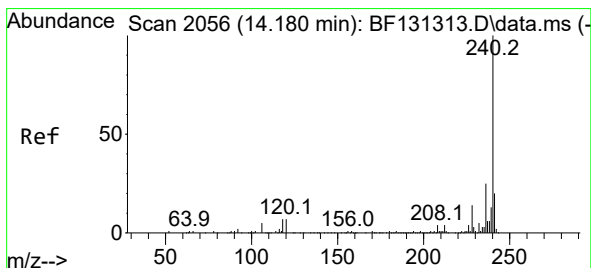
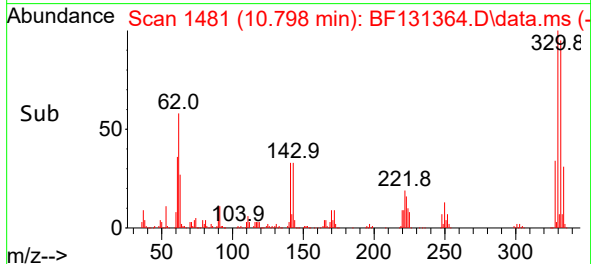
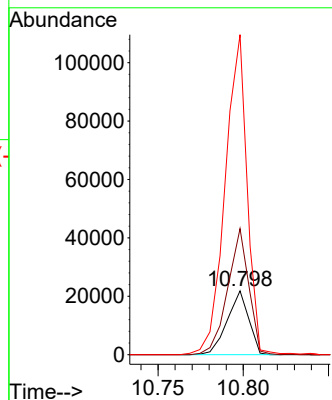
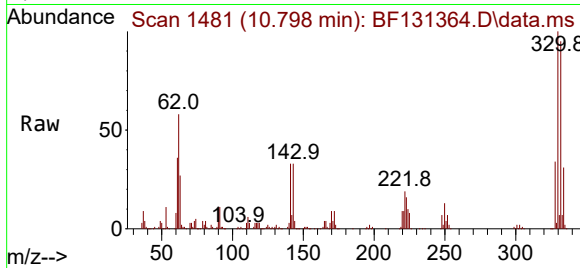




#67
4-Bromophenyl-phenylether
Concen: 3.762 ng
RT: 10.798 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

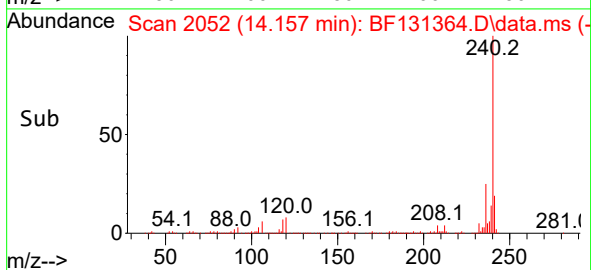
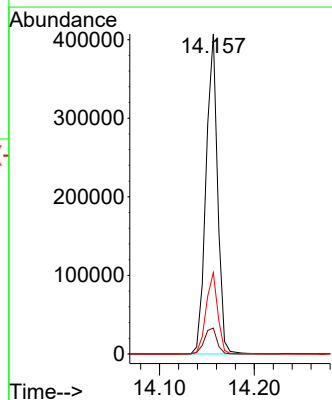
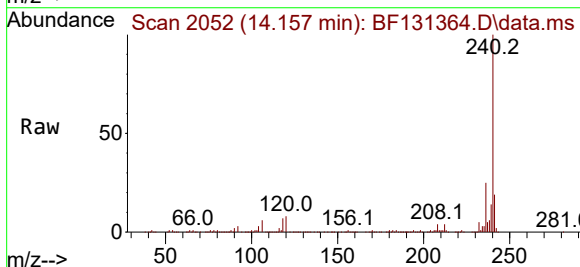
Instrument :
BNA_F
ClientSampleId :
PB149244TB

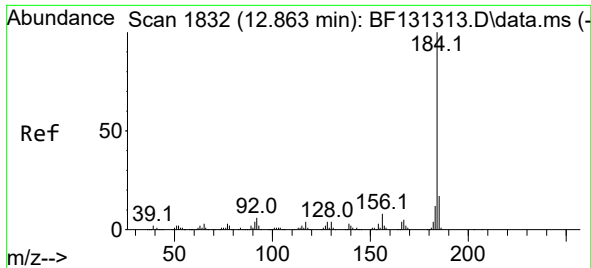
Tgt Ion:248 Resp: 19140
Ion Ratio Lower Upper
248 100
250 197.4 78.3 117.5#
141 501.4 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

Tgt Ion:240 Resp: 345782
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.8
236 25.4 20.3 30.5

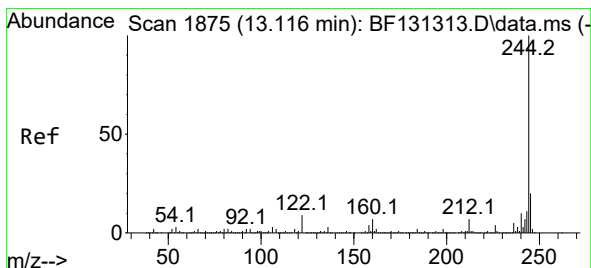
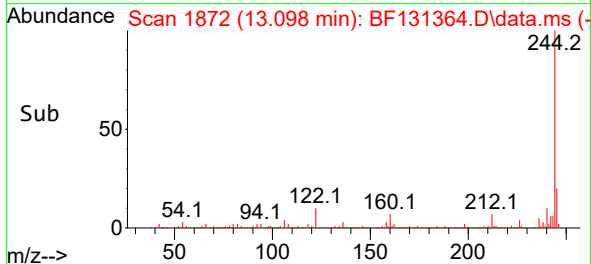
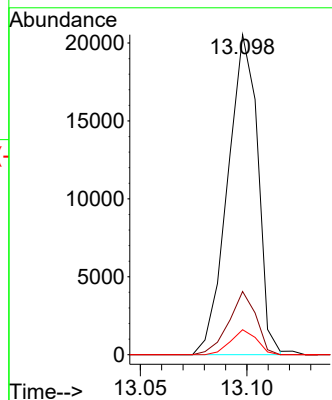
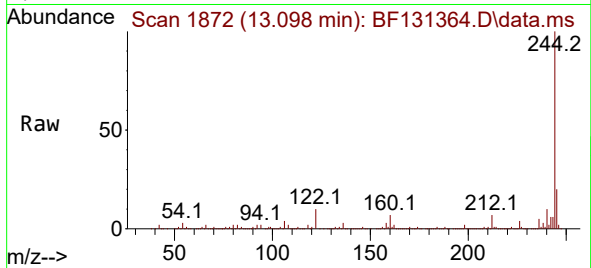




#77
Benzidine
Concen: 3.161 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.253 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

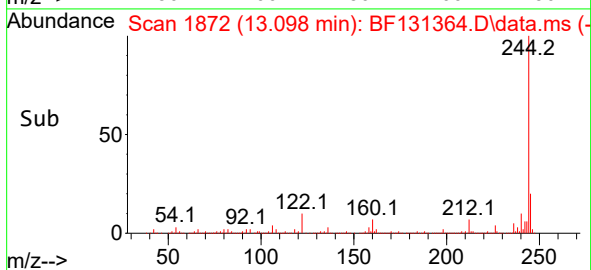
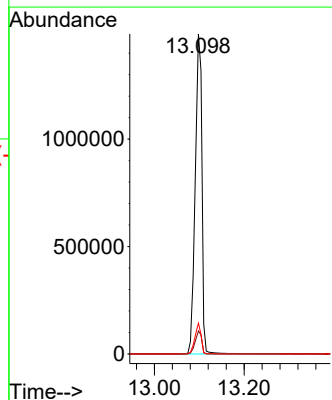
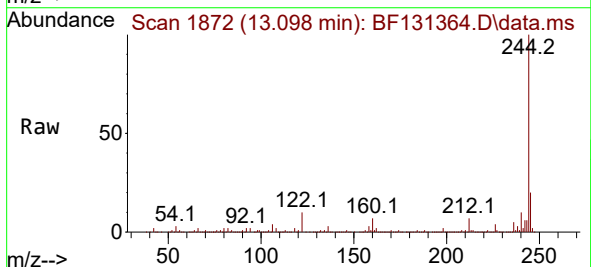
Instrument :
BNA_F
ClientSampleId :
PB149244TB

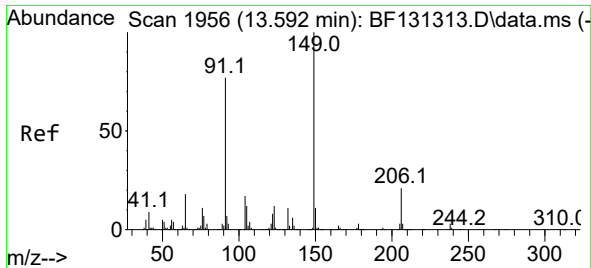
Tgt Ion:184 Resp: 20187
Ion Ratio Lower Upper
184 100
185 19.7 13.8 20.8
183 7.8 9.6 14.4#



#79
Terphenyl-d14
Concen: 72.774 ng
RT: 13.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BF131364.D
Acq: 23 Nov 2022 16:33

Tgt Ion:244 Resp: 1538819
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.7 7.5 11.3

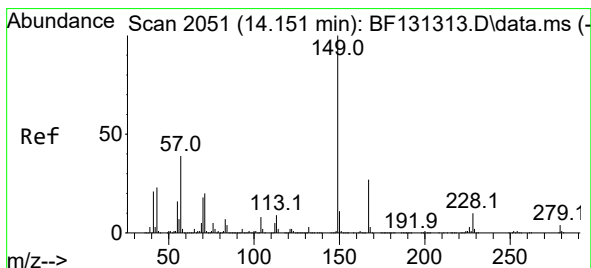
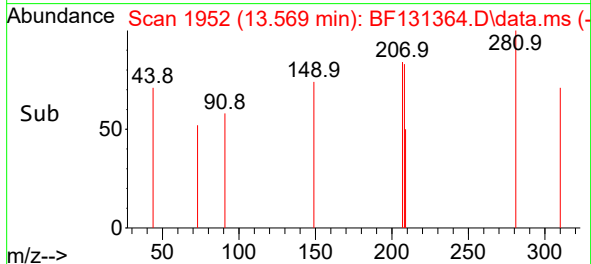
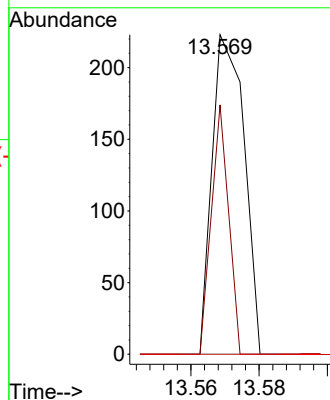
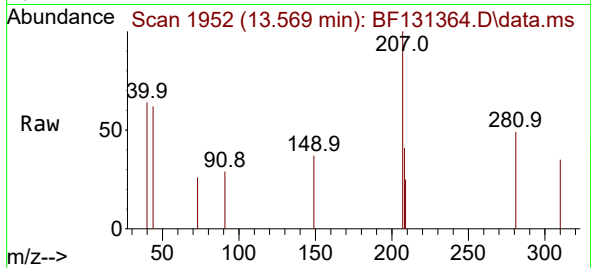




#80
 Butylbenzylphthalate
 Concen: 4.157 ng
 RT: 13.569 min Scan# 1952
 Delta R.T. -0.006 min
 Lab File: BF131364.D
 Acq: 23 Nov 2022 16:33

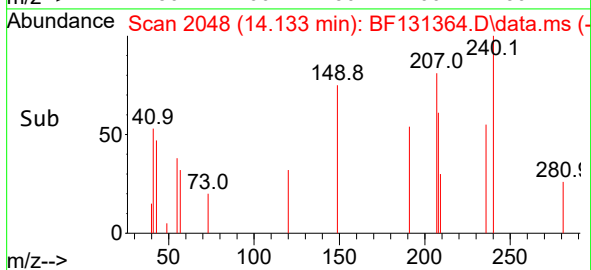
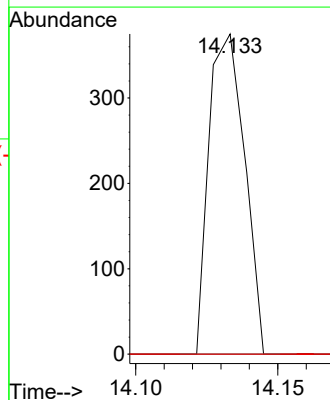
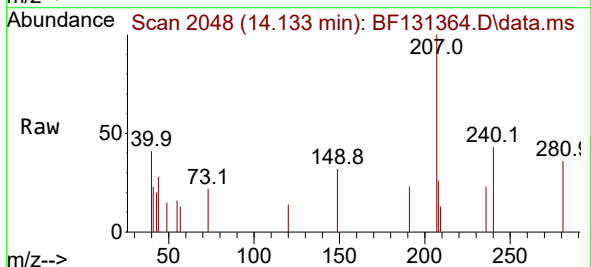
Instrument :
 BNA_F
 ClientSampleId :
 PB149244TB

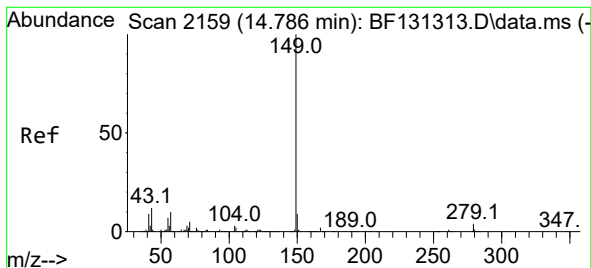
Tgt Ion:	149	Resp:	146
Ion	Ratio	Lower	Upper
149	100		
91	78.0	61.9	92.9
206	0.0	16.5	24.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.771 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. -0.000 min
 Lab File: BF131364.D
 Acq: 23 Nov 2022 16:33

Tgt Ion:	149	Resp:	327
Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.9	32.9#
279	0.0	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 3.927 ng

RT: 14.757 min Scan# 2154

Delta R.T. -0.006 min

Lab File: BF131364.D

Acq: 23 Nov 2022 16:33

Instrument :

BNA_F

ClientSampleId :

PB149244TB

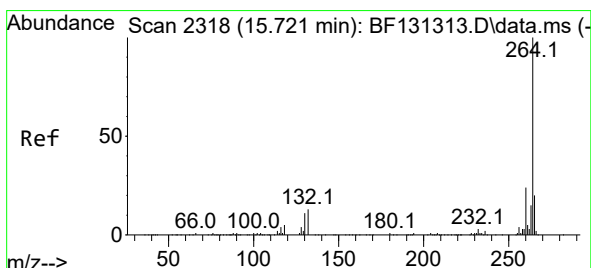
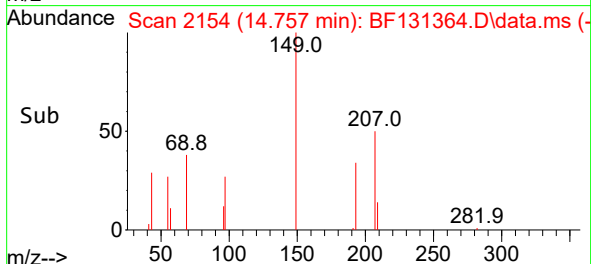
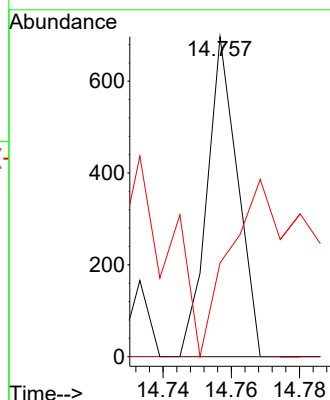
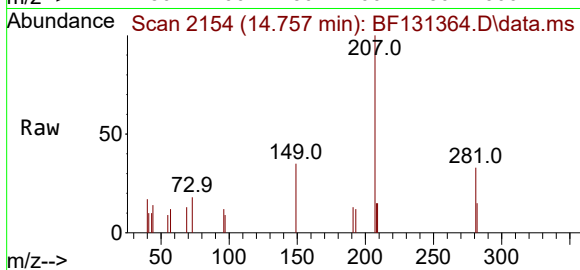
Tgt Ion:149 Resp: 434

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 149.3 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.692 min Scan# 2313

Delta R.T. -0.000 min

Lab File: BF131364.D

Acq: 23 Nov 2022 16:33

Tgt Ion:264 Resp: 274928

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 20.8 16.4 24.6

