

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131391.D
 Acq On : 25 Nov 2022 12:21
 Operator : CG\JU
 Sample : N5742-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 23:16:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

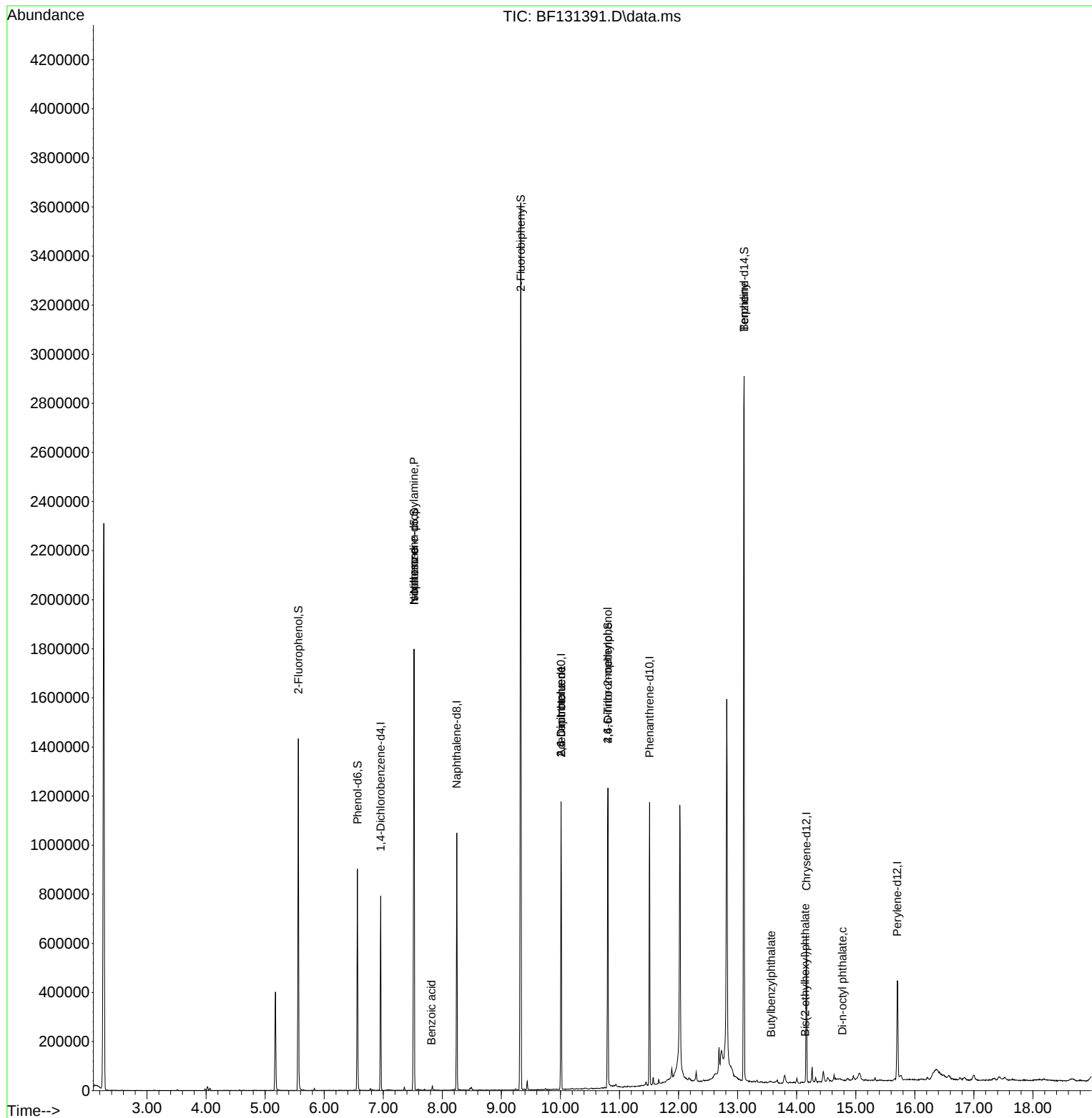
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	107606	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	401857	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	231862	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	400559	20.000	ng	0.00
76) Chrysene-d12	14.163	240	206651	20.000	ng	#-0.01
86) Perylene-d12	15.704	264	203949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	318054	56.254	ng	0.00
7) Phenol-d6	6.563	99	250837	34.772	ng	-0.02
23) Nitrobenzene-d5	7.522	82	603390	75.689	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	132887	68.124	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1080470	67.794	ng	0.00
79) Terphenyl-d14	13.110	244	1085114	85.867	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	364	Below Cal	#	70
19) n-Nitroso-di-n-propyla...	7.522	70	83148	15.745	ng	# 74
25) Isophorone	7.522	82	601684	42.304	ng	# 68
32) Benzoic acid	7.816	122	56	5.146	ng	# 1
51) 2,6-Dinitrotoluene	10.010	165	30177	9.341	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	30177	7.424	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.804	198	304	4.771	ng	# 1
77) Benzidine	13.110	184	14864	3.894	ng	# 95
80) Butylbenzylphthalate	13.568	149	207	4.174	ng	# 7
84) Bis(2-ethylhexyl)phtha...	14.145	149	1557	3.925	ng	# 89
85) Di-n-octyl phthalate	14.774	149	417	3.943	ng	# 1

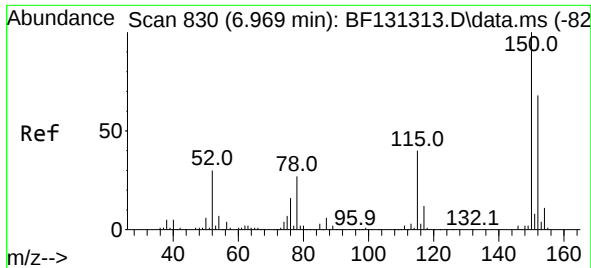
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
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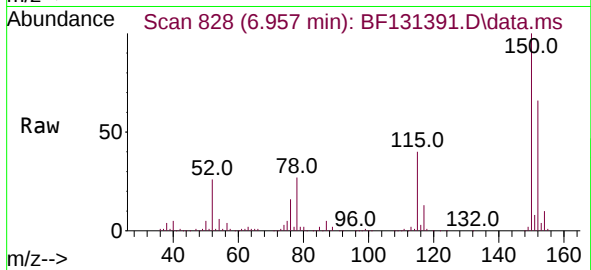
Quant Time: Nov 25 23:16:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
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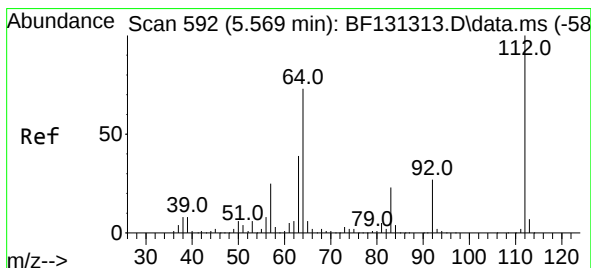
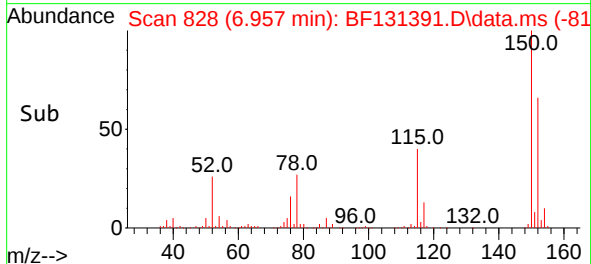
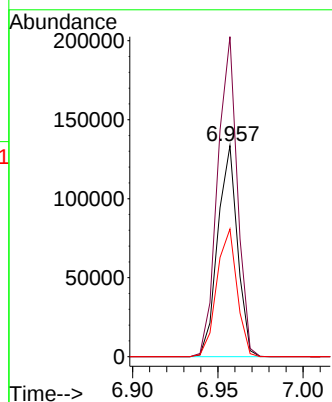


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Instrument :
BNA_F
ClientSampleId :

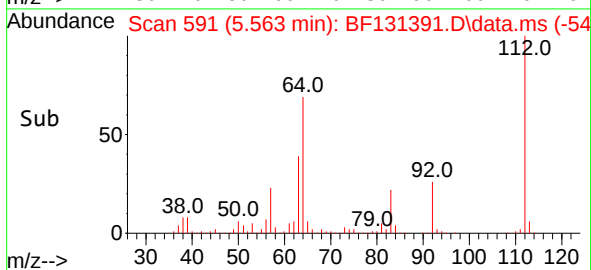
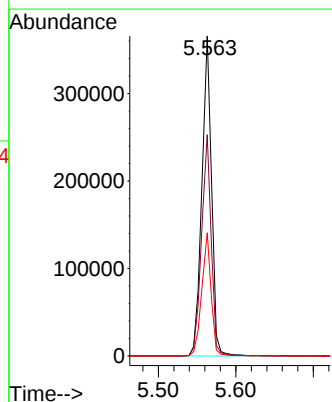
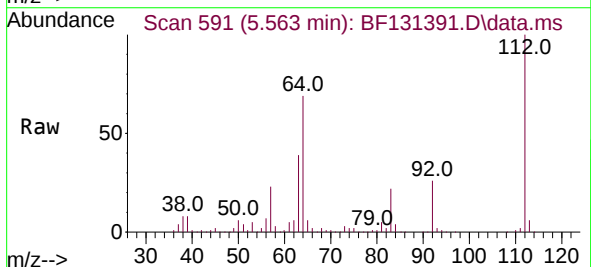


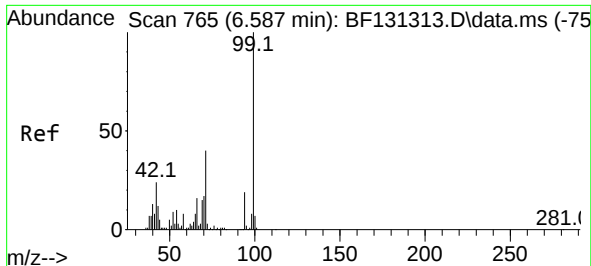
Tgt Ion:152 Resp: 107606
Ion Ratio Lower Upper
152 100
150 151.7 117.8 176.8
115 60.5 47.1 70.7



#5
2-Fluorophenol
Concen: 56.254 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

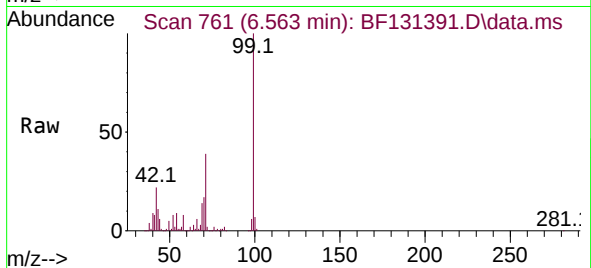
Tgt Ion:112 Resp: 318054
Ion Ratio Lower Upper
112 100
64 69.2 58.6 88.0
63 38.5 31.4 47.0



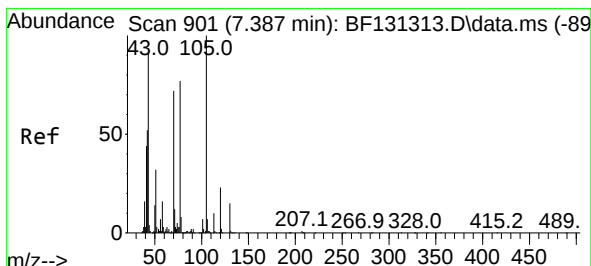
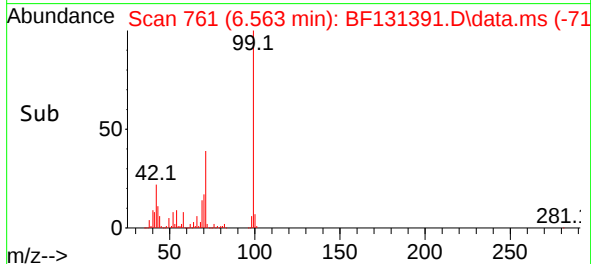
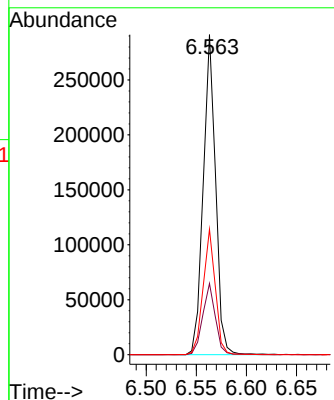


#7
Phenol-d6
Concen: 34.772 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Instrument :
BNA_F
ClientSampleId :

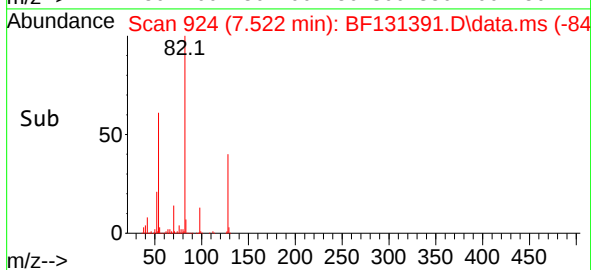
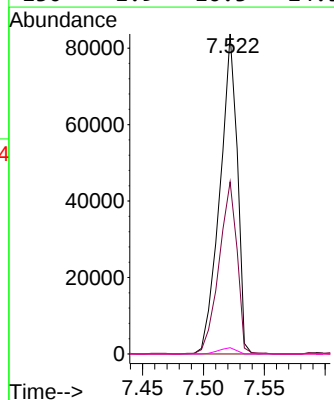
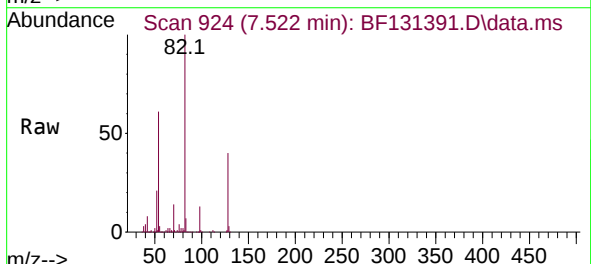


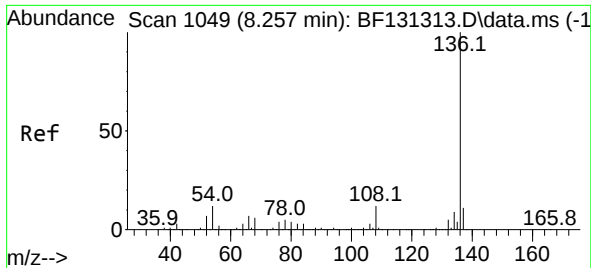
Tgt Ion: 99 Resp: 250837
Ion Ratio Lower Upper
99 100
42 22.3 19.4 29.2
71 39.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.745 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Tgt Ion: 70 Resp: 83148
Ion Ratio Lower Upper
70 100
42 53.8 57.6 86.4#
101 0.0 8.2 12.2#
130 1.9 16.3 24.5#



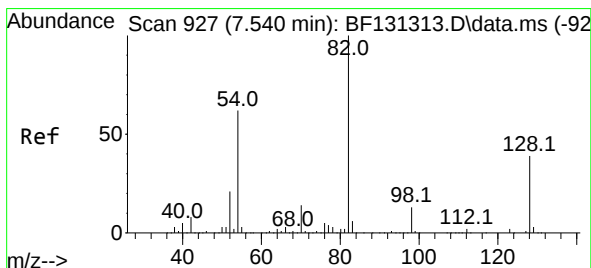
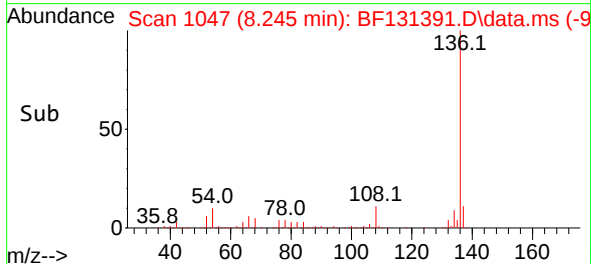
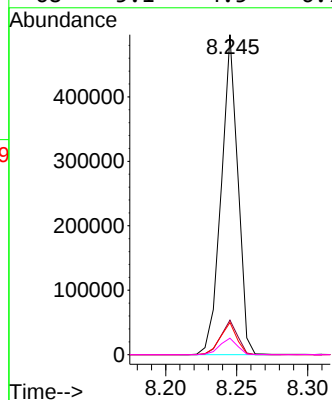
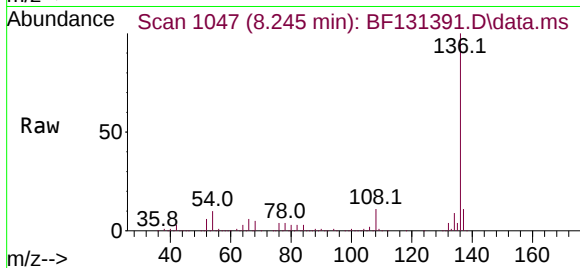


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 401857

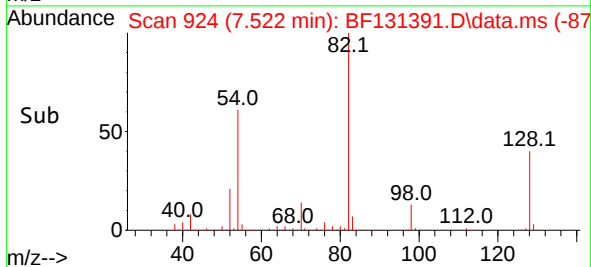
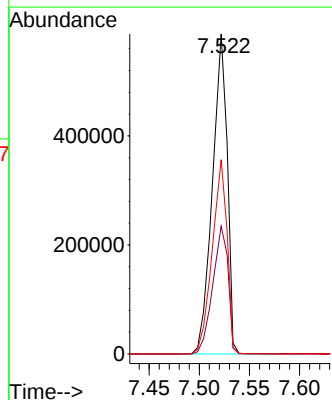
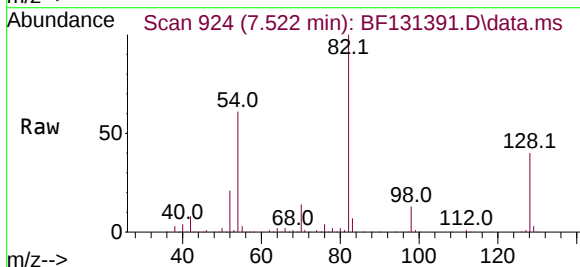
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	10.0	9.4	14.0
68	5.1	4.5	6.7

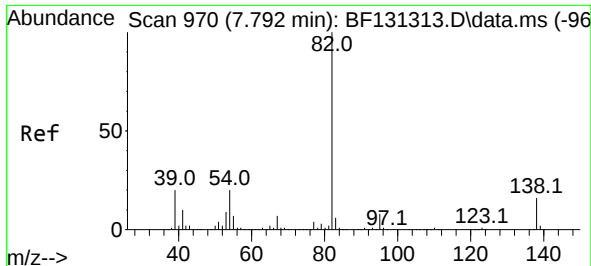


#23
Nitrobenzene-d5
Concen: 75.689 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Tgt Ion: 82 Resp: 603390

Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.4	47.0
54	60.7	49.8	74.6

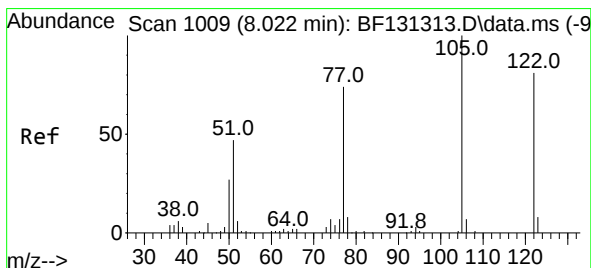
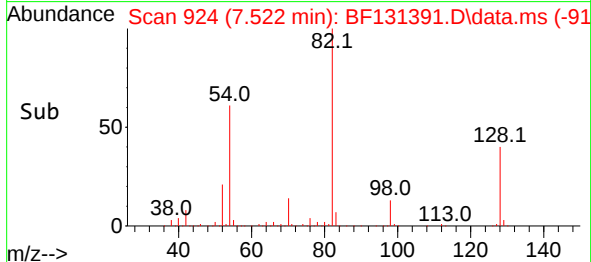
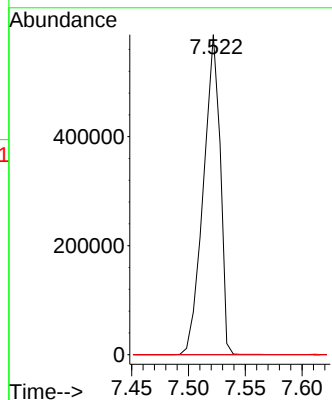
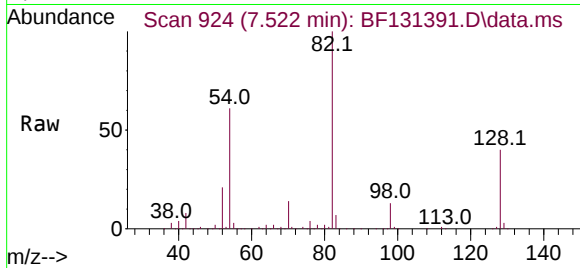




#25
Isophorone
Concen: 42.304 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

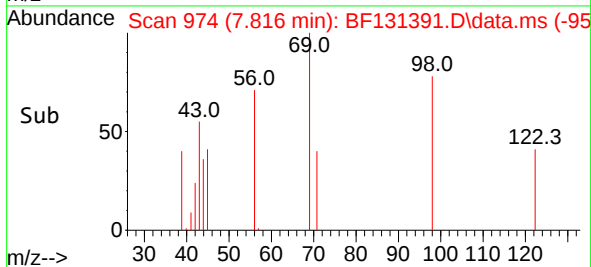
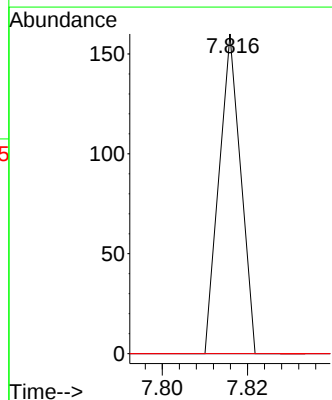
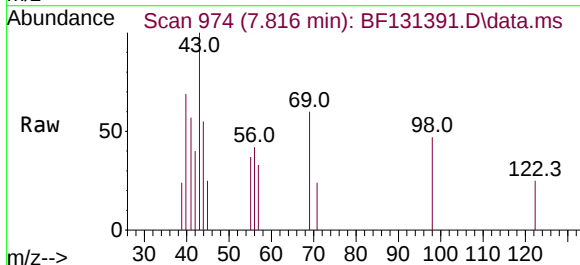
Instrument :
BNA_F
ClientSampleId :

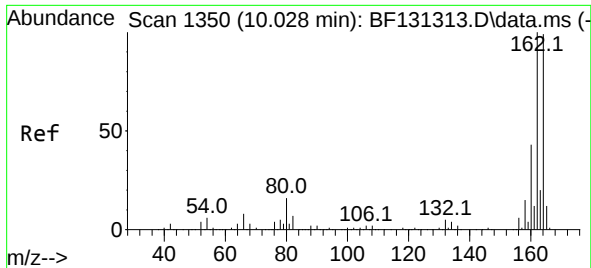
Tgt Ion: 82 Resp: 601684
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.146 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.194 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

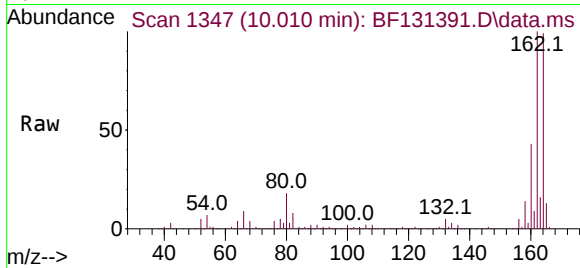
Tgt Ion: 122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 74.3 114.3#



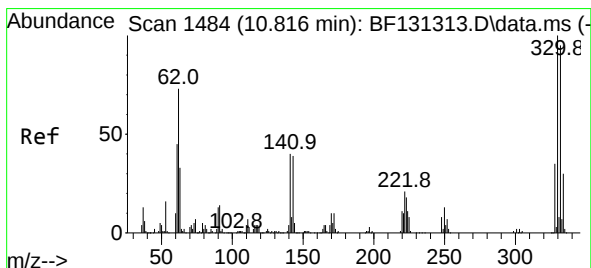
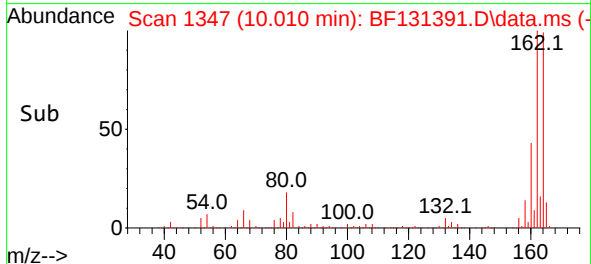
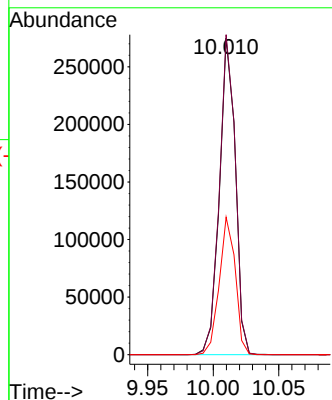


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Instrument :
BNA_F
ClientSampleId :

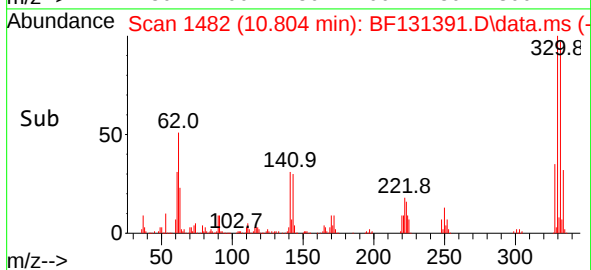
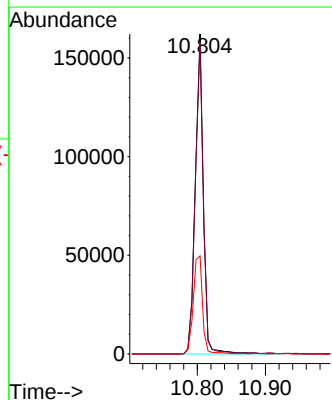
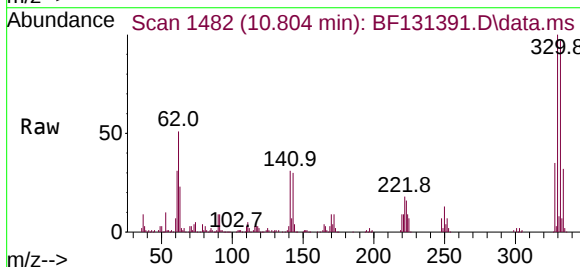


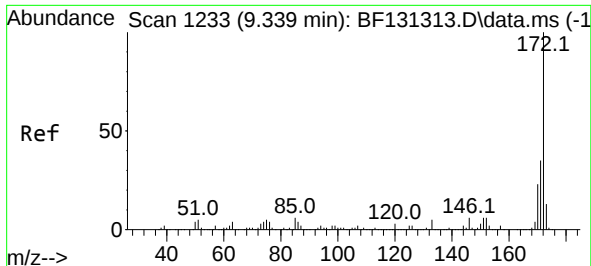
Tgt Ion:164 Resp: 231862
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 43.4 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 68.124 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Tgt Ion:330 Resp: 132887
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 35.3 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 67.794 ng

RT: 9.328 min Scan# 11

Delta R.T. -0.006 min

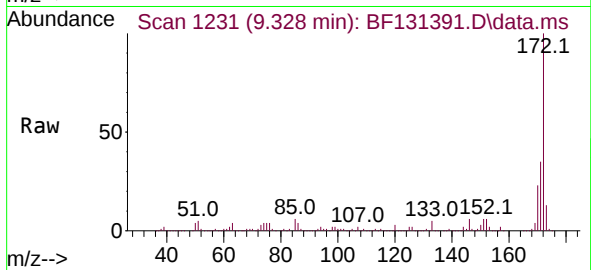
Lab File: BF131391.D

Acq: 25 Nov 2022 12:21

Instrument :

BNA_F

ClientSampleId :



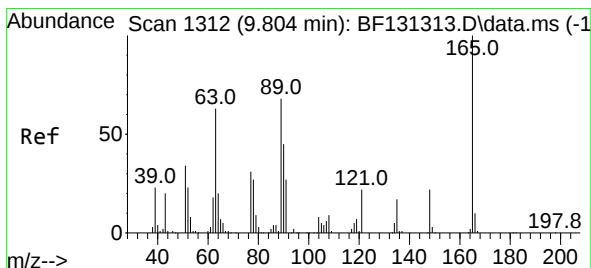
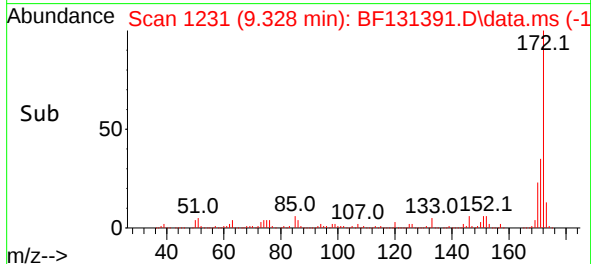
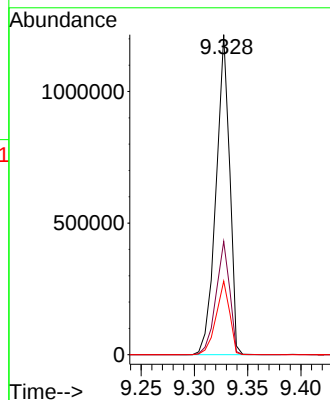
Tgt Ion:172 Resp: 1080470

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.0 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.341 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.212 min

Lab File: BF131391.D

Acq: 25 Nov 2022 12:21

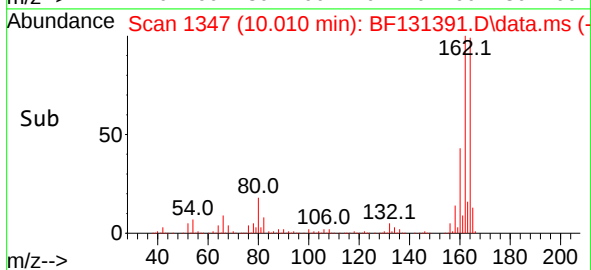
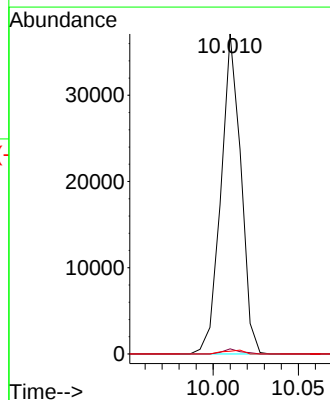
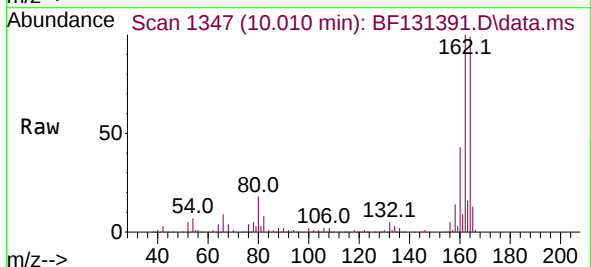
Tgt Ion:165 Resp: 30177

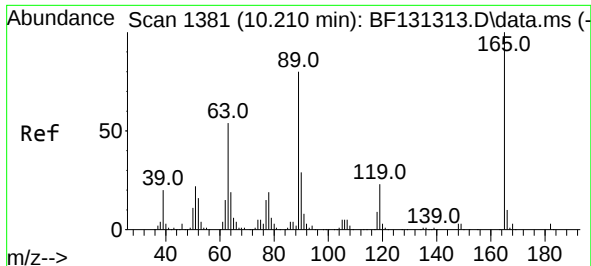
Ion Ratio Lower Upper

165 100

63 1.6 62.0 93.0#

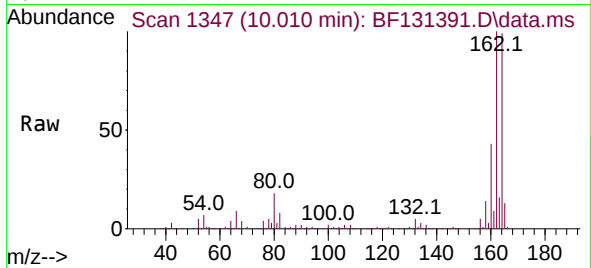
89 0.8 54.4 81.6#



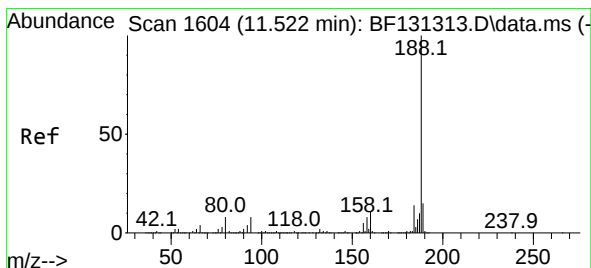
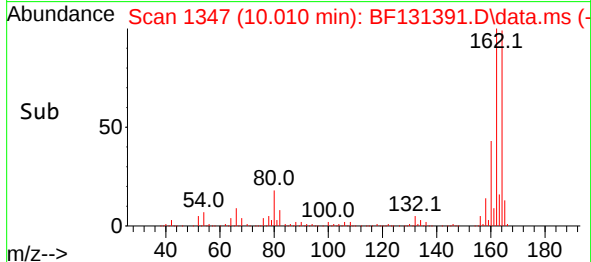
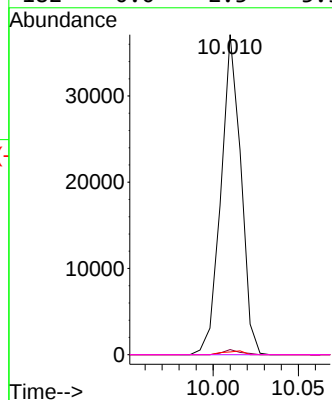


#57
2,4-Dinitrotoluene
Concen: 7.424 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Instrument :
BNA_F
ClientSampleId :

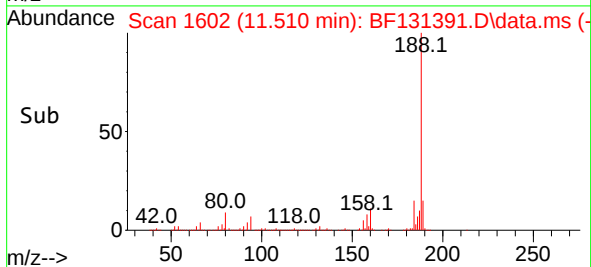
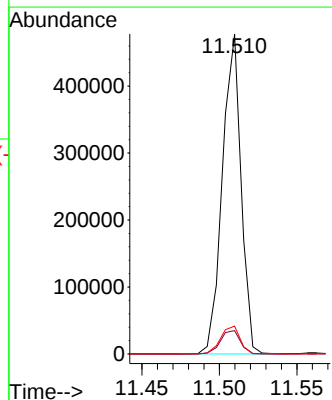
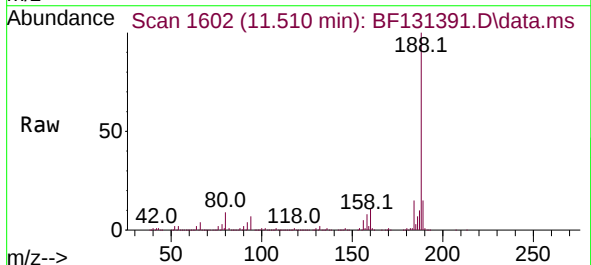


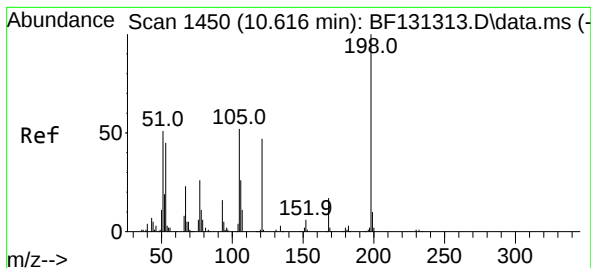
Tgt Ion:165 Resp: 30177
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.2#
89 0.8 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

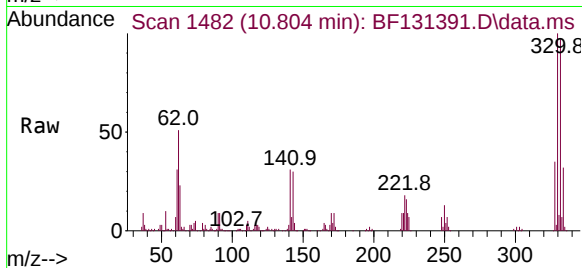
Tgt Ion:188 Resp: 400559
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 8.7 6.8 10.2



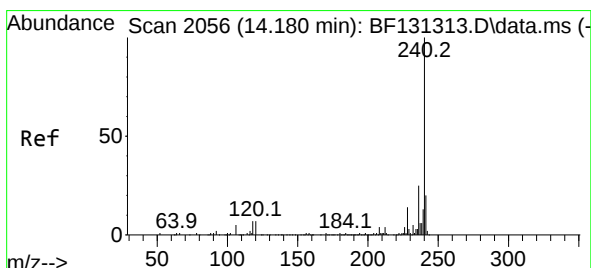
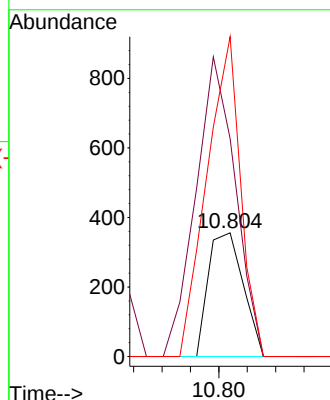
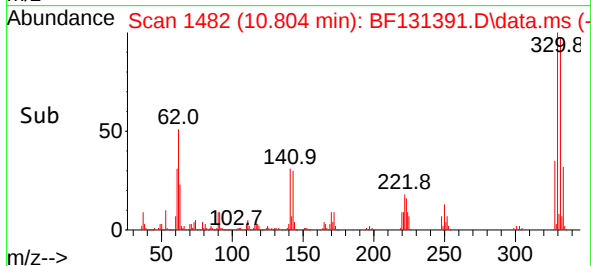


#65
4,6-Dinitro-2-methylphenol
Concen: 4.771 ng
RT: 10.804 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

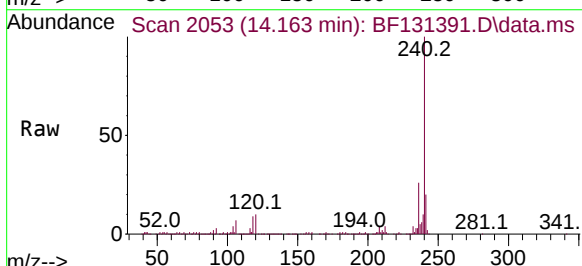
Instrument :
BNA_F
ClientSampleId :



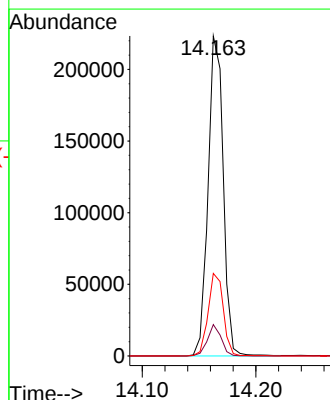
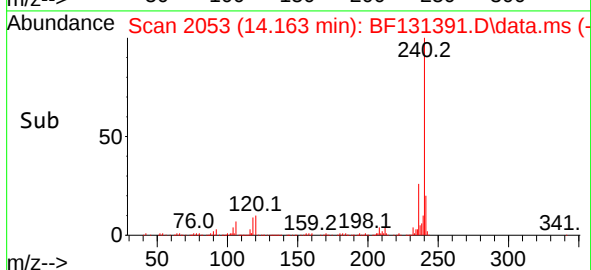
Tgt Ion:198 Resp: 304
Ion Ratio Lower Upper
198 100
51 176.1 50.1 90.1#
105 258.4 32.5 72.5#

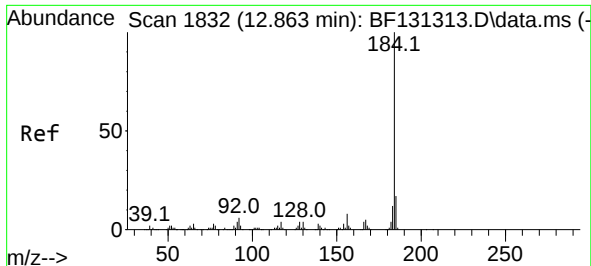


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21



Tgt Ion:240 Resp: 206651
Ion Ratio Lower Upper
240 100
120 9.8 5.8 8.8#
236 25.8 20.3 30.5

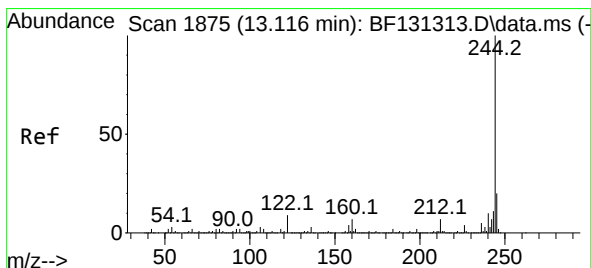
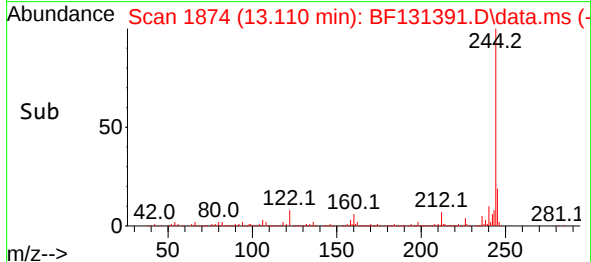
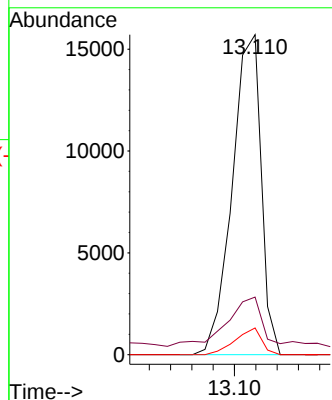
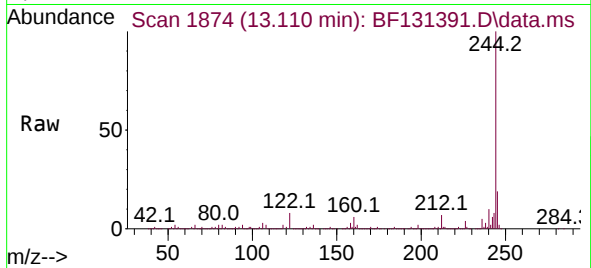




#77
Benzidine
Concen: 3.894 ng
RT: 13.110 min Scan# 1874
Delta R.T. 0.253 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

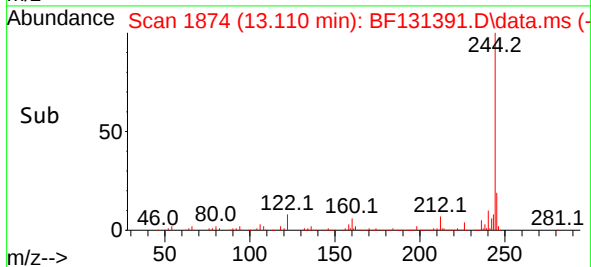
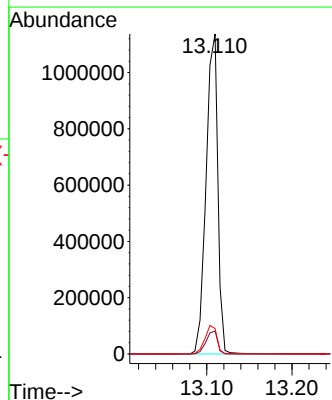
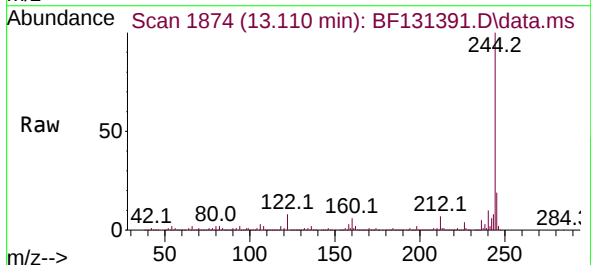
Instrument :
BNA_F
ClientSampleId :

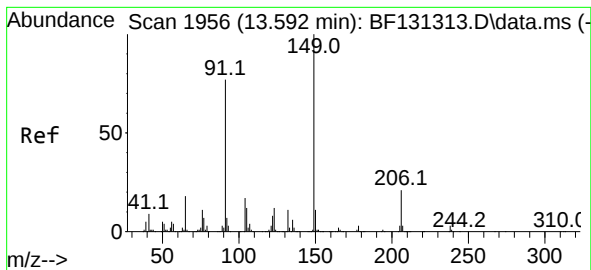
Tgt Ion:184 Resp: 14864
Ion Ratio Lower Upper
184 100
185 18.0 13.8 20.8
183 8.3 9.6 14.4#



#79
Terphenyl-d14
Concen: 85.867 ng
RT: 13.110 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

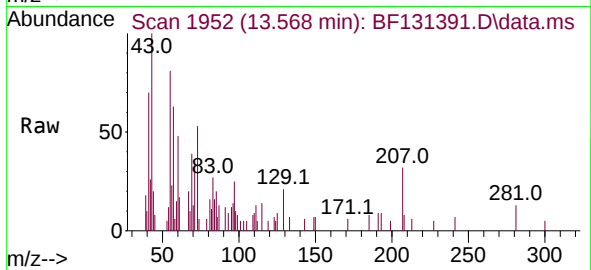
Tgt Ion:244 Resp: 1085114
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.0 7.5 11.3



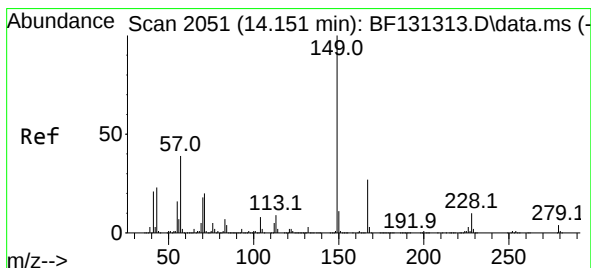
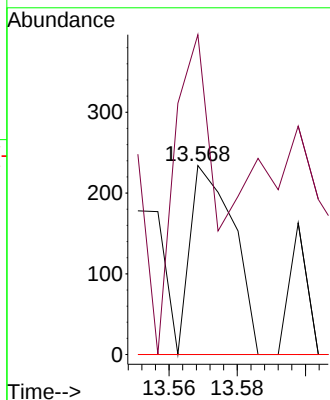
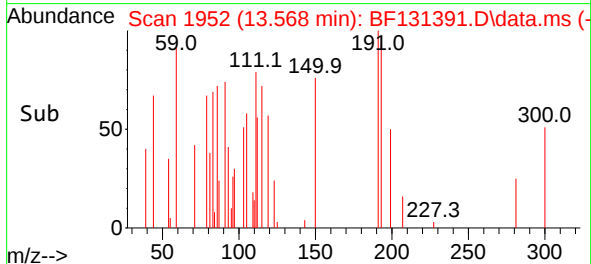


#80
Butylbenzylphthalate
Concen: 4.174 ng
RT: 13.568 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

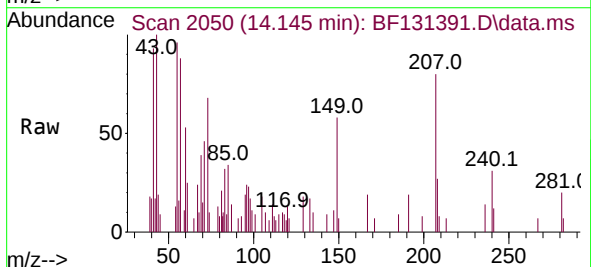
Instrument :
BNA_F
ClientSampleId :



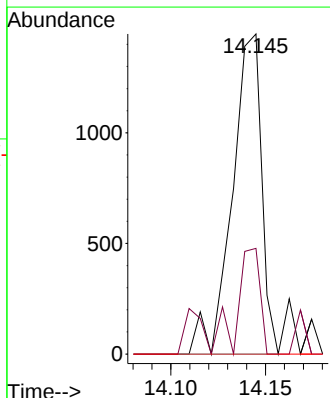
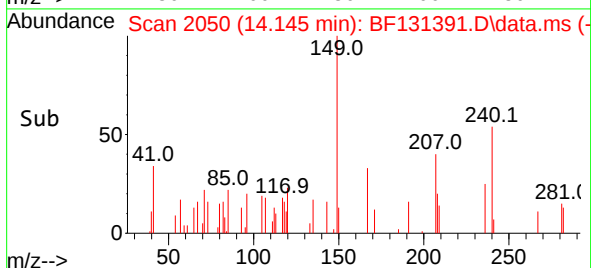
Tgt Ion:149 Resp: 207
Ion Ratio Lower Upper
149 100
91 169.2 61.9 92.9#
206 0.0 16.5 24.7#

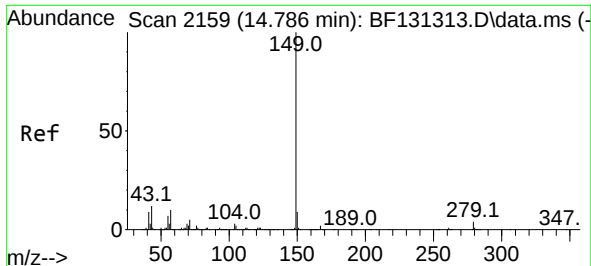


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.925 ng
RT: 14.145 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21



Tgt Ion:149 Resp: 1557
Ion Ratio Lower Upper
149 100
167 33.0 21.9 32.9#
279 0.0 3.0 4.4#

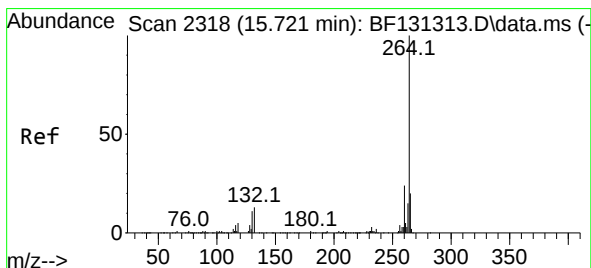
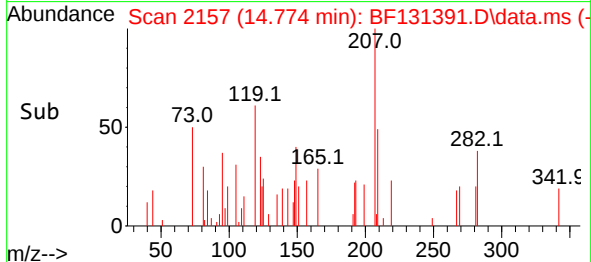
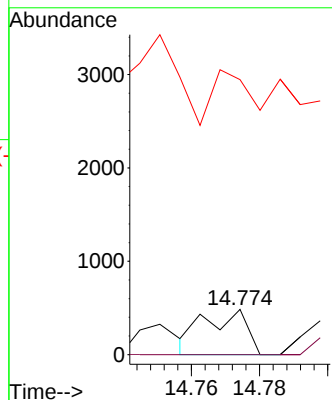
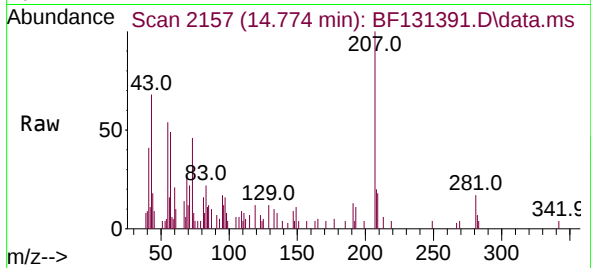




#85
Di-n-octyl phthalate
Concen: 3.943 ng
RT: 14.774 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 417
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 105.5 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.704 min Scan# 2315
Delta R.T. -0.006 min
Lab File: BF131391.D
Acq: 25 Nov 2022 12:21

Tgt Ion:264 Resp: 203949
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 21.5 16.4 24.6

