

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131421.D
 Acq On : 28 Nov 2022 10:05
 Operator : CG\JU
 Sample : PB149277BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149277BL

Quant Time: Nov 29 00:19:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

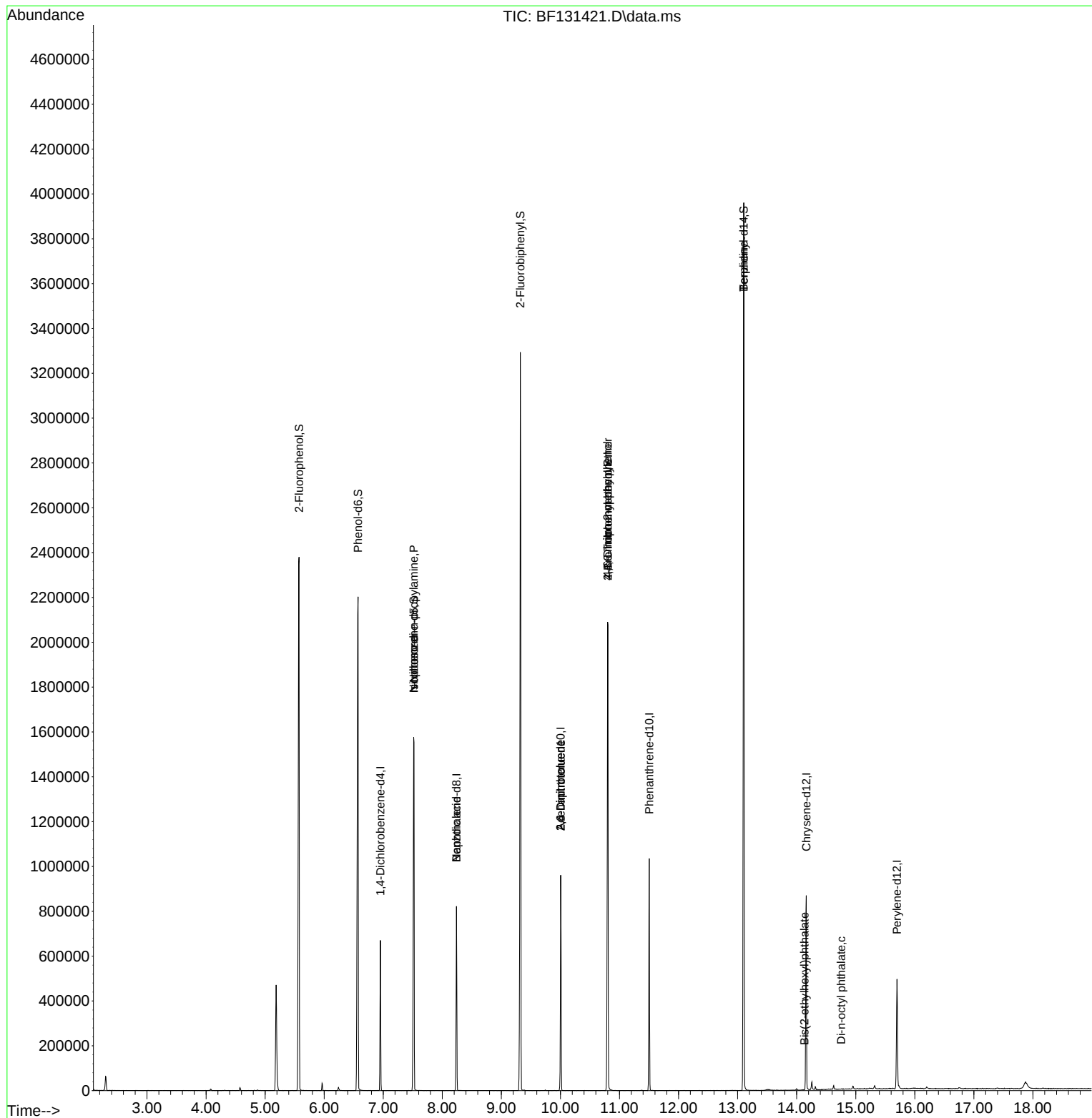
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	85331	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	318720	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	192982	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	362752	20.000	ng	0.00
76) Chrysene-d12	14.163	240	313328	20.000	ng	0.00
86) Perylene-d12	15.698	264	234032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	670743	149.602	ng	0.02
7) Phenol-d6	6.575	99	825664	144.335	ng	0.00
23) Nitrobenzene-d5	7.516	82	567991	89.833	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	268662	165.476	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1078259	81.286	ng	0.00
79) Terphenyl-d14	13.104	244	1498685	78.217	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.575	77	1457	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	78442	18.732	ng	# 75
25) Isophorone	7.516	82	567971	50.351	ng	# 68
32) Benzoic acid	8.239	122	61	5.153	ng	# 1
51) 2,6-Dinitrotoluene	10.004	165	24849	9.241	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	24849	7.345	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	625	5.024	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	17460	3.927	ng	# 1
77) Benzidine	13.104	184	20213	3.492	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.133	149	191	3.763	ng	# 52
85) Di-n-octyl phthalate	14.757	149	974	3.965	ng	# 69

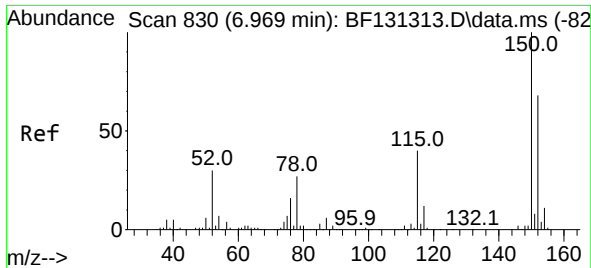
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131421.D
Acq On : 28 Nov 2022 10:05
Operator : CG\JU
Sample : PB149277BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB149277BL

Quant Time: Nov 29 00:19:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 00:18:36 2022
Response via : Initial Calibration

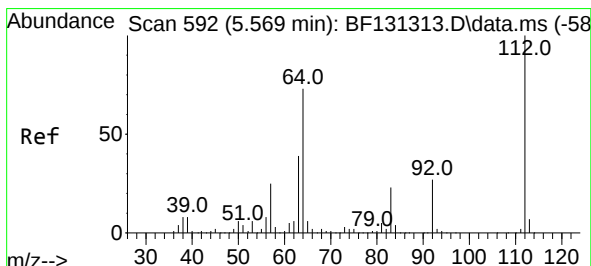
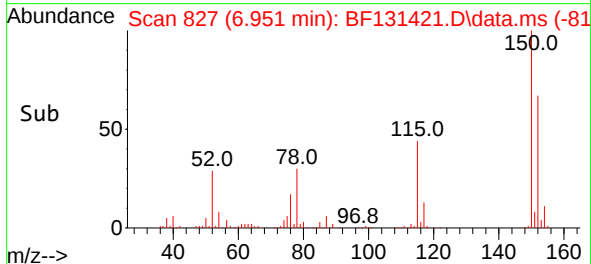
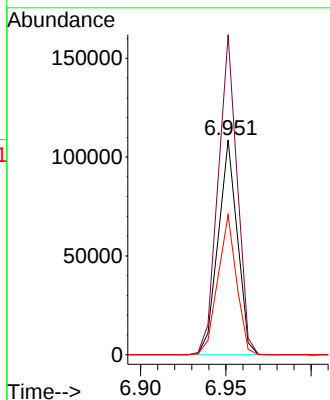
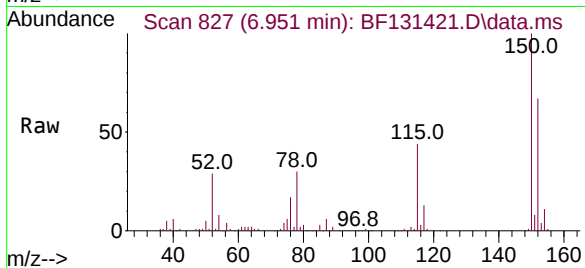




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131421.D
 Acq: 28 Nov 2022 10:05

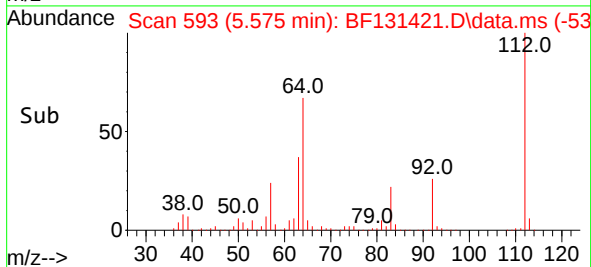
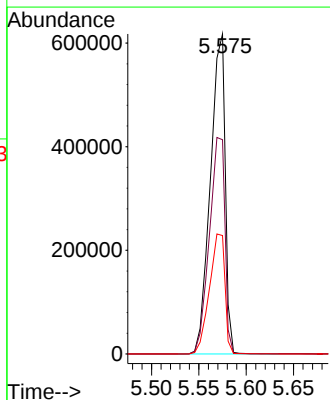
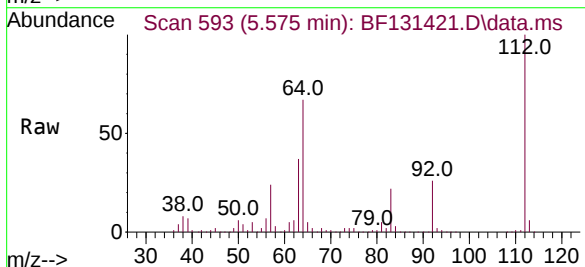
Instrument :
 BNA_F
 ClientSampleId :
 PB149277BL

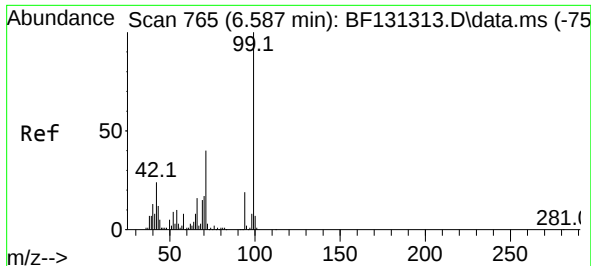
Tgt Ion:152 Resp: 85331
 Ion Ratio Lower Upper
 152 100
 150 149.0 117.8 176.8
 115 65.2 47.1 70.7



#5
 2-Fluorophenol
 Concen: 149.602 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.018 min
 Lab File: BF131421.D
 Acq: 28 Nov 2022 10:05

Tgt Ion:112 Resp: 670743
 Ion Ratio Lower Upper
 112 100
 64 67.0 58.6 88.0
 63 37.0 31.4 47.0

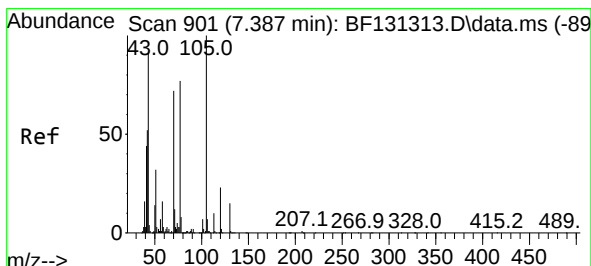
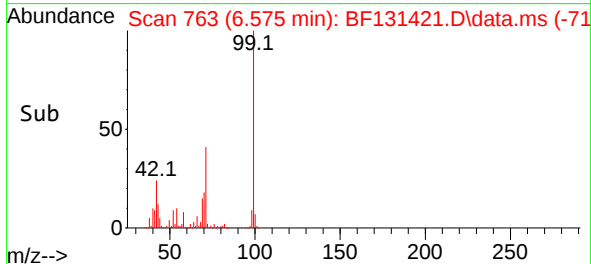
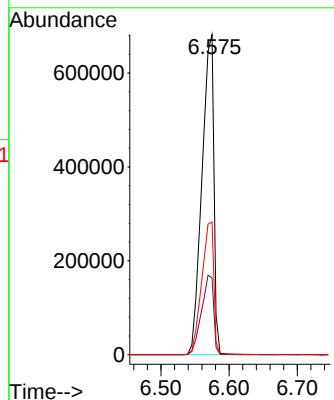
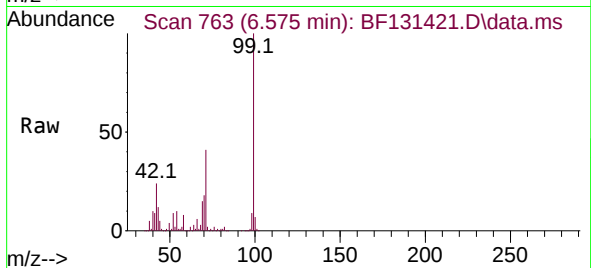




#7
Phenol-d6
Concen: 144.335 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

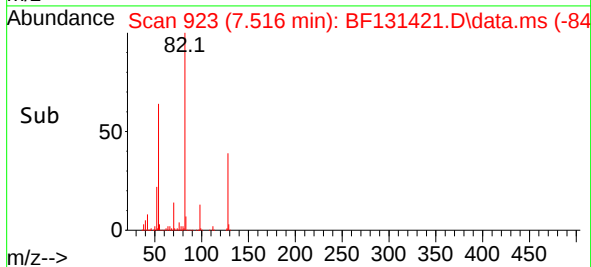
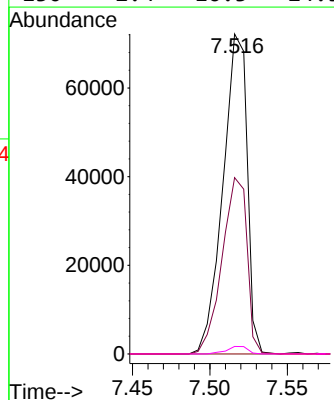
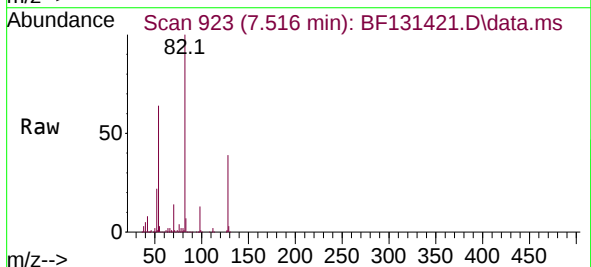
Instrument :
BNA_F
ClientSampleId :
PB149277BL

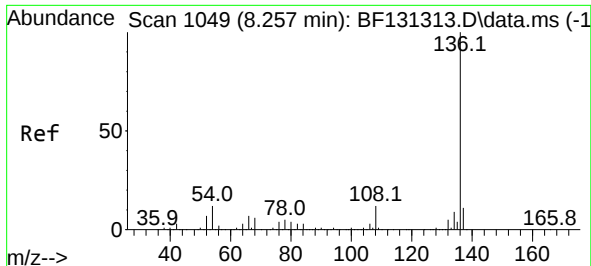
Tgt Ion: 99 Resp: 825664
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.2
71 41.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.732 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

Tgt Ion: 70 Resp: 78442
Ion Ratio Lower Upper
70 100
42 55.1 57.6 86.4#
101 0.0 8.2 12.2#
130 2.4 16.3 24.5#



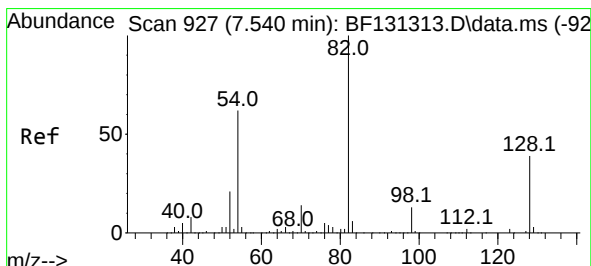
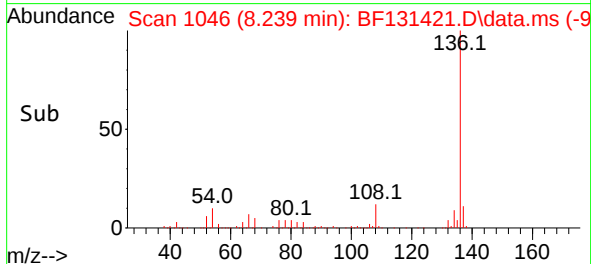
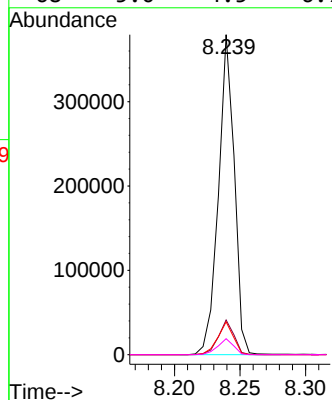
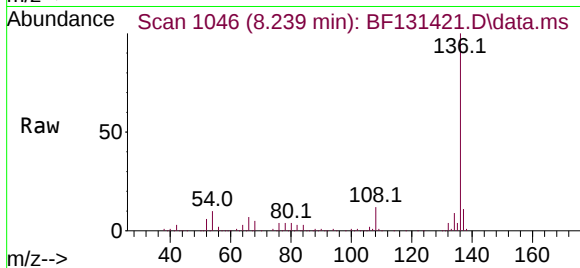


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

Instrument :
BNA_F
ClientSampleId :
PB149277BL

Tgt Ion:136 Resp: 318720

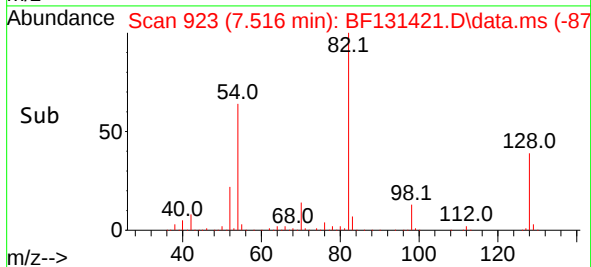
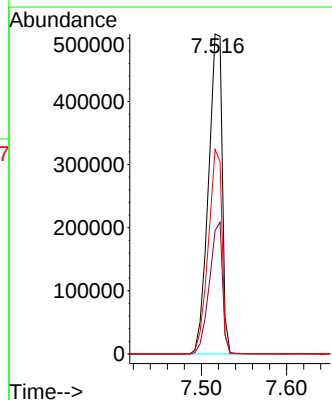
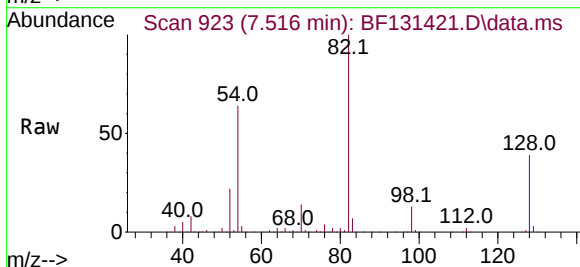
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	10.3	9.4	14.0
68	5.0	4.5	6.7

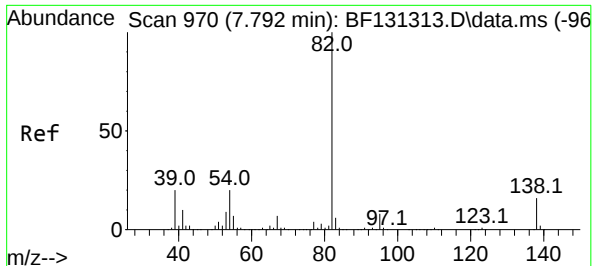


#23
Nitrobenzene-d5
Concen: 89.833 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

Tgt Ion: 82 Resp: 567991

Ion	Ratio	Lower	Upper
82	100		
128	38.6	31.4	47.0
54	63.9	49.8	74.6

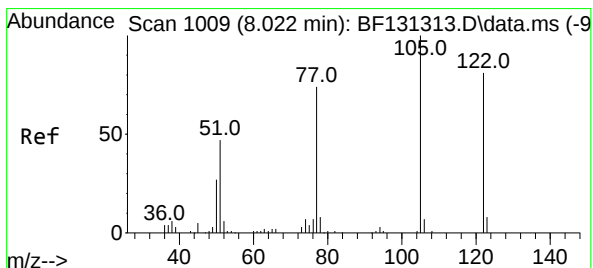
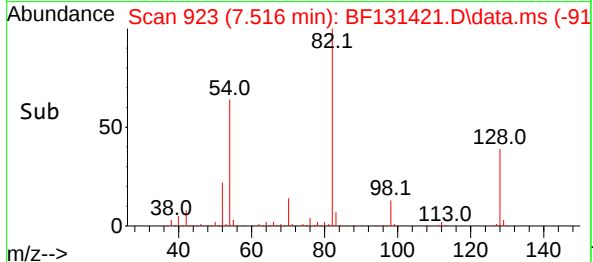
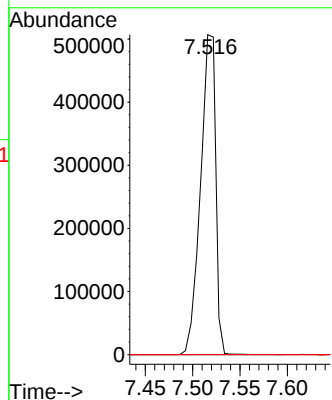
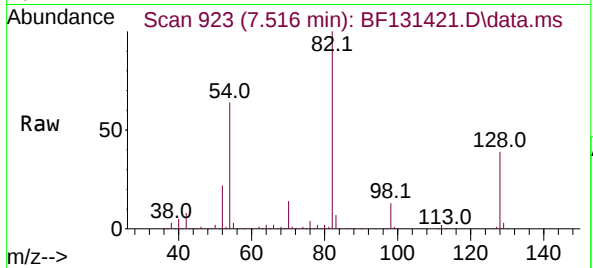




#25
Isophorone
Concen: 50.351 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

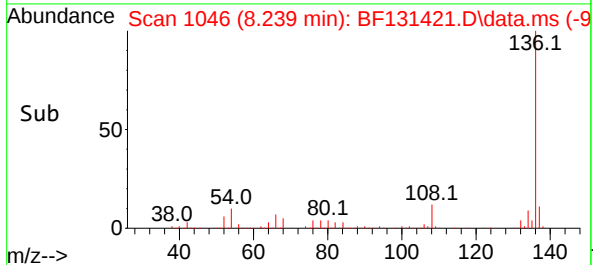
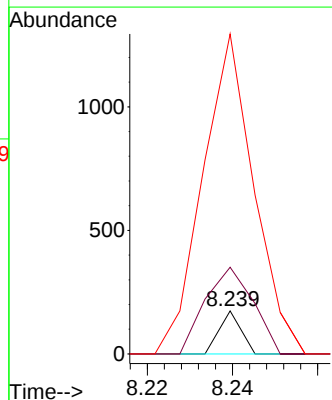
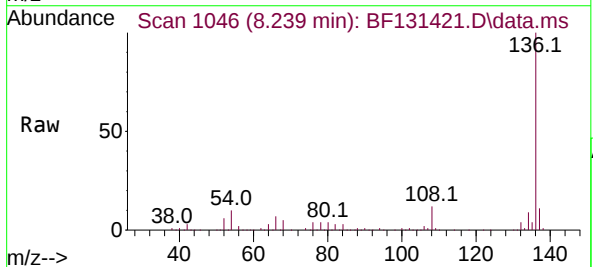
Instrument :
BNA_F
ClientSampleId :
PB149277BL

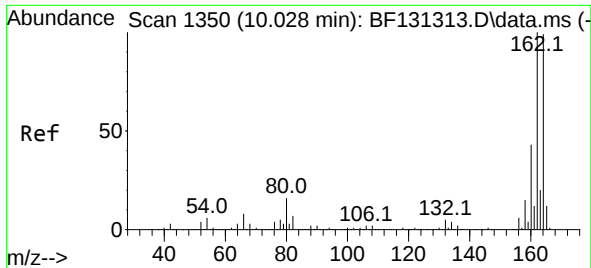
Tgt Ion: 82 Resp: 567971
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.153 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.235 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

Tgt Ion: 122 Resp: 61
Ion Ratio Lower Upper
122 100
105 201.7 103.8 143.8#
77 744.3 74.3 114.3#

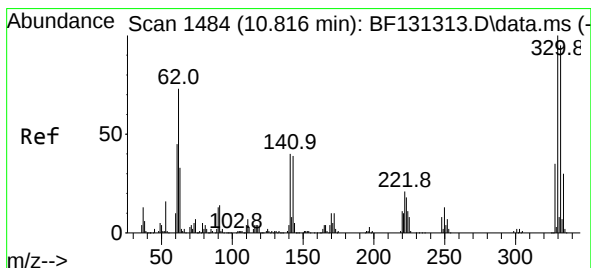
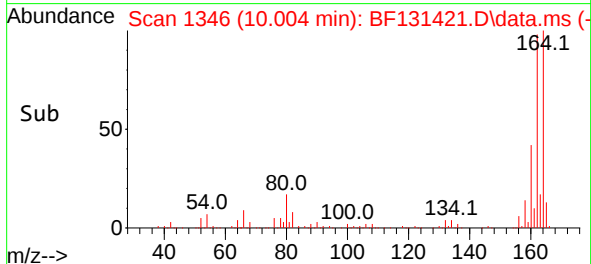
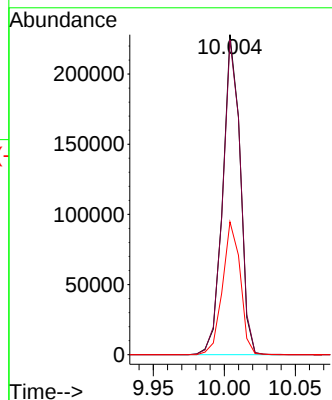
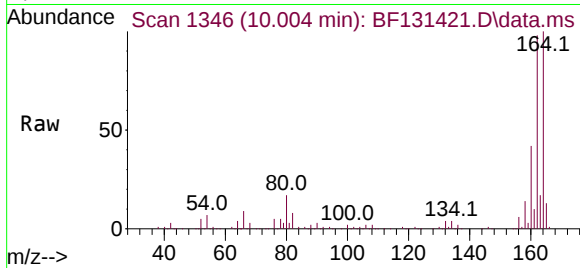




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

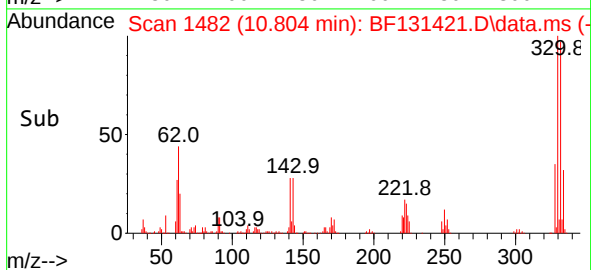
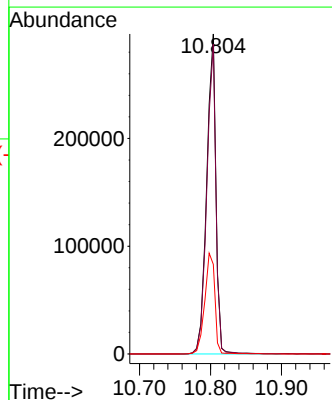
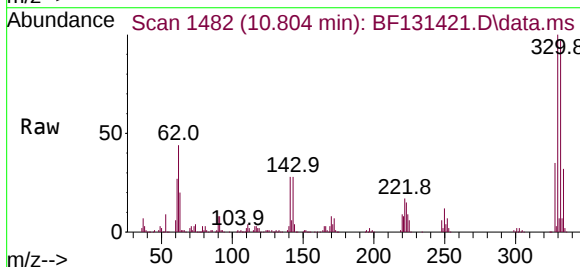
Instrument :
BNA_F
ClientSampleId :
PB149277BL

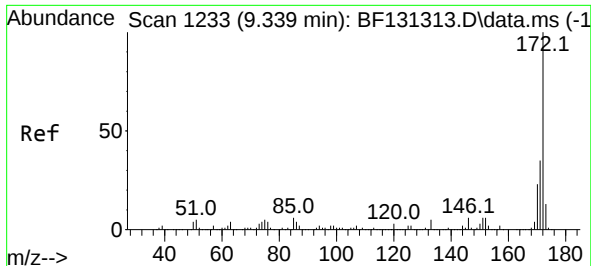
Tgt Ion:164 Resp: 192982
Ion Ratio Lower Upper
164 100
162 98.4 80.6 120.8
160 41.5 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 165.476 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

Tgt Ion:330 Resp: 268662
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 34.6 29.3 43.9

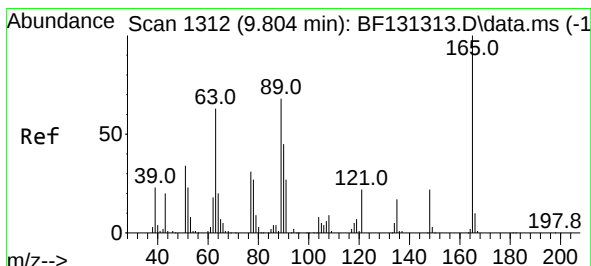
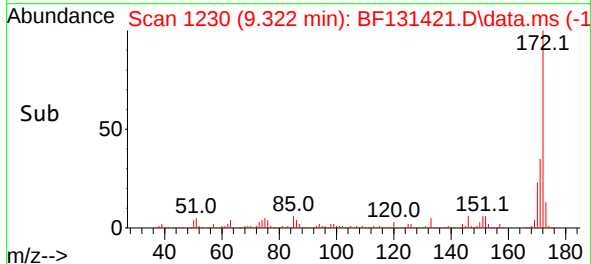
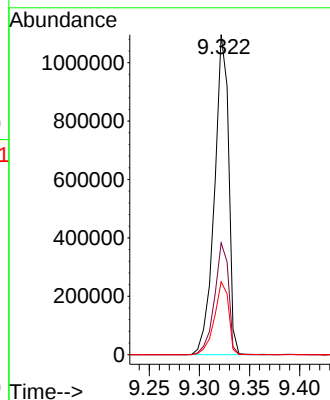
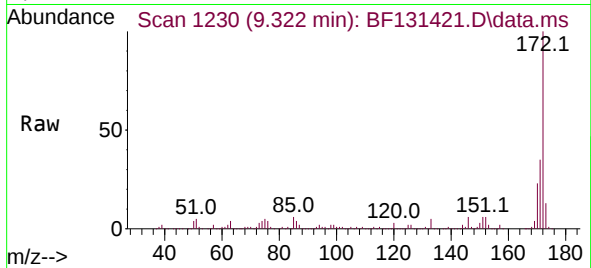




#45
2-Fluorobiphenyl
Concen: 81.286 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

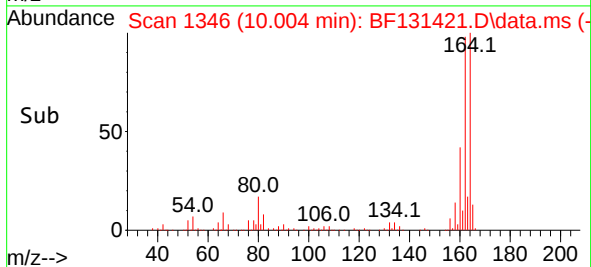
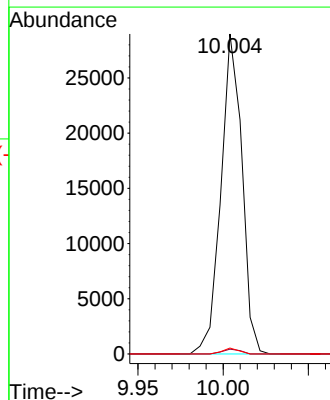
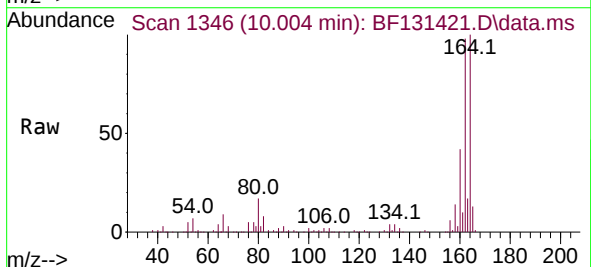
Instrument :
BNA_F
ClientSampleId :
PB149277BL

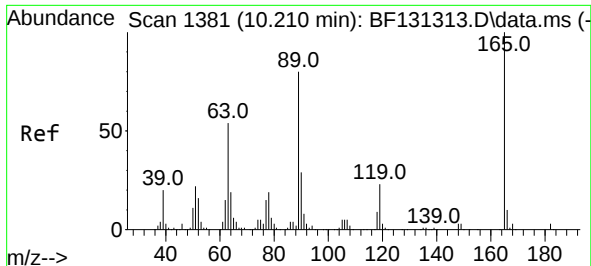
Tgt Ion:172 Resp: 1078259
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 22.8 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 9.241 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

Tgt Ion:165 Resp: 24849
Ion Ratio Lower Upper
165 100
63 1.5 62.0 93.0#
89 1.8 54.4 81.6#

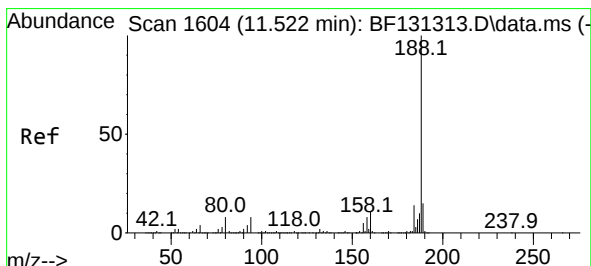
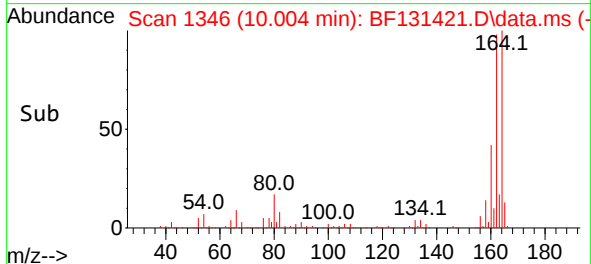
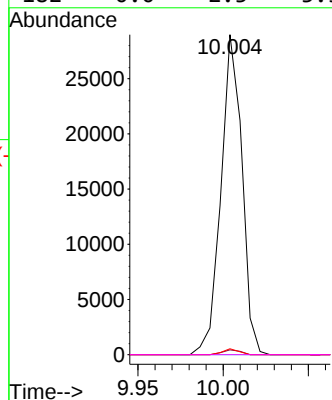
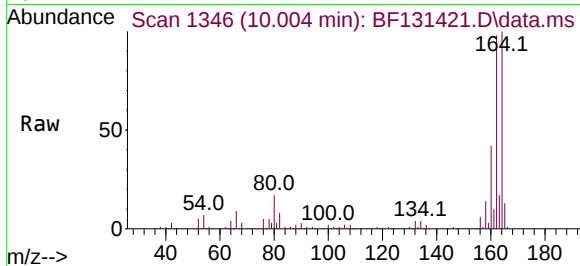




#57
2,4-Dinitrotoluene
Concen: 7.345 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

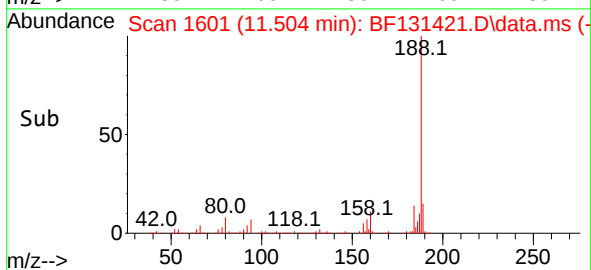
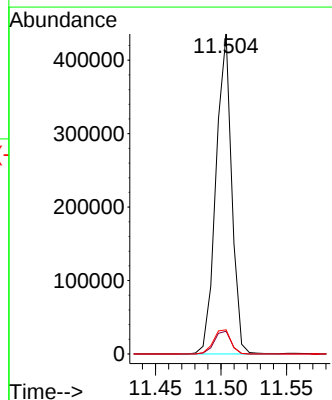
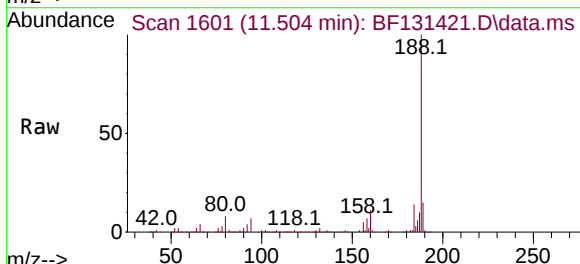
Instrument :
BNA_F
ClientSampleId :
PB149277BL

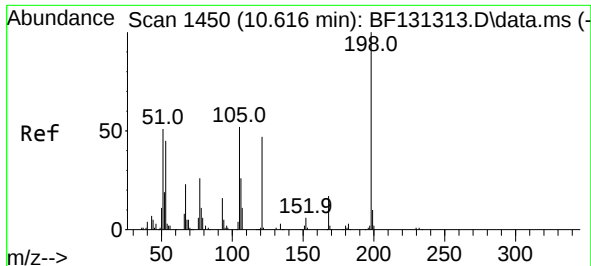
Tgt Ion:165 Resp: 24849
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.2#
89 1.8 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

Tgt Ion:188 Resp: 362752
Ion Ratio Lower Upper
188 100
94 7.1 6.3 9.5
80 7.5 6.8 10.2

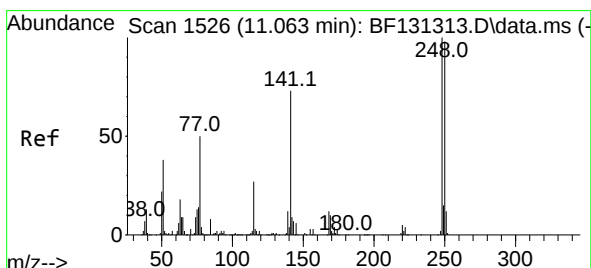
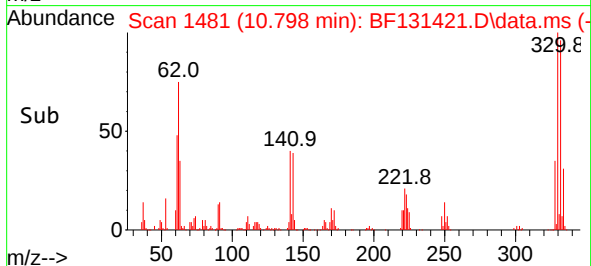
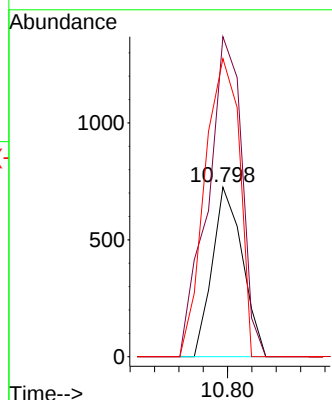
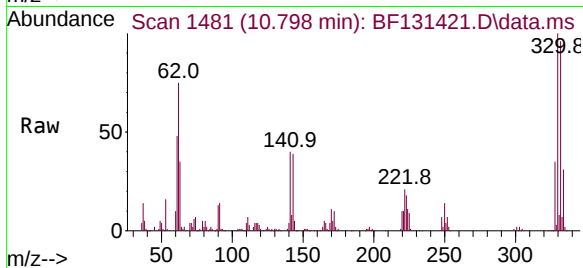




#65
4,6-Dinitro-2-methylphenol
Concen: 5.024 ng
RT: 10.798 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

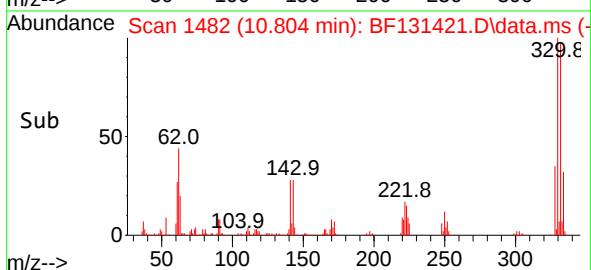
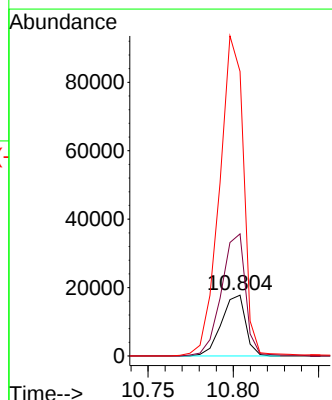
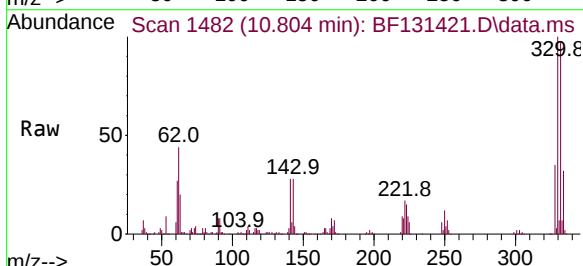
Instrument :
BNA_F
ClientSampleId :
PB149277BL

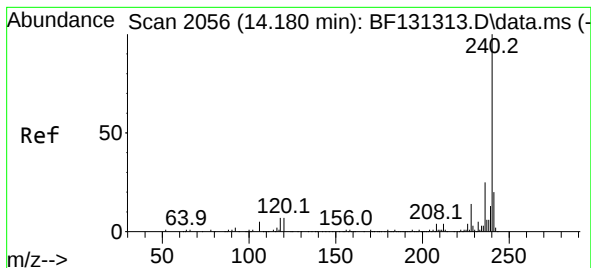
Tgt Ion:198 Resp: 625
Ion Ratio Lower Upper
198 100
51 188.8 50.1 90.1#
105 175.9 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.927 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

Tgt Ion:248 Resp: 17460
Ion Ratio Lower Upper
248 100
250 201.0 78.3 117.5#
141 468.3 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.163 min Scan# 2053

Delta R.T. -0.006 min

Lab File: BF131421.D

Acq: 28 Nov 2022 10:05

Instrument :

BNA_F

ClientSampleId :

PB149277BL

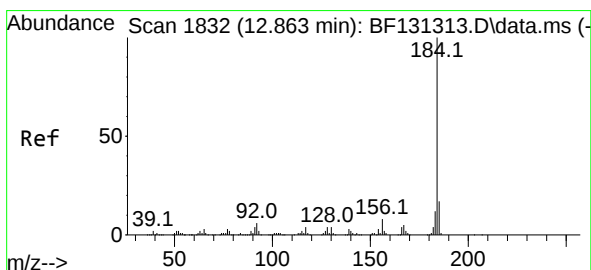
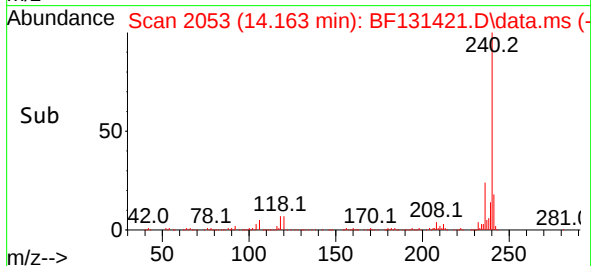
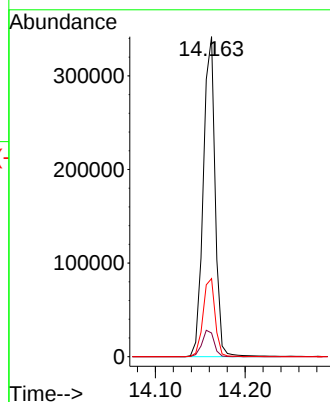
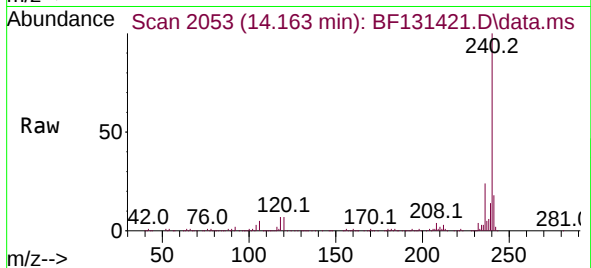
Tgt Ion:240 Resp: 313328

Ion Ratio Lower Upper

240 100

120 7.4 5.8 8.8

236 24.4 20.3 30.5



#77

Benzidine

Concen: 3.492 ng

RT: 13.104 min Scan# 1873

Delta R.T. 0.253 min

Lab File: BF131421.D

Acq: 28 Nov 2022 10:05

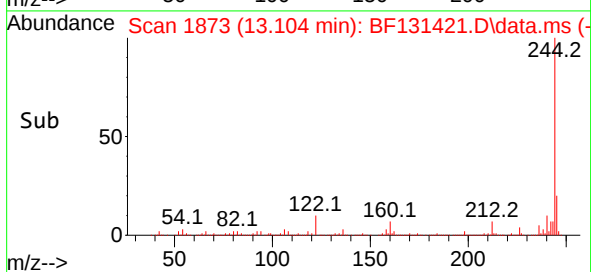
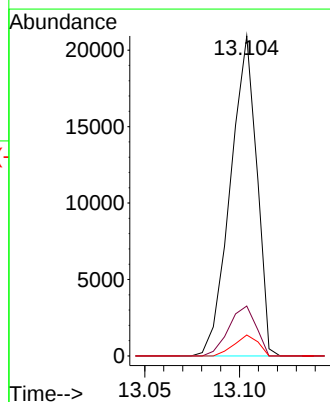
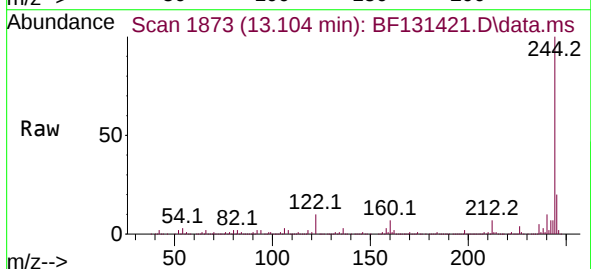
Tgt Ion:184 Resp: 20213

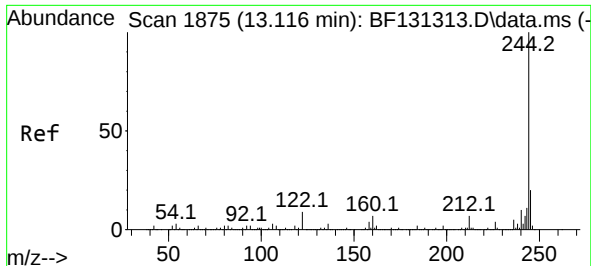
Ion Ratio Lower Upper

184 100

185 15.6 13.8 20.8

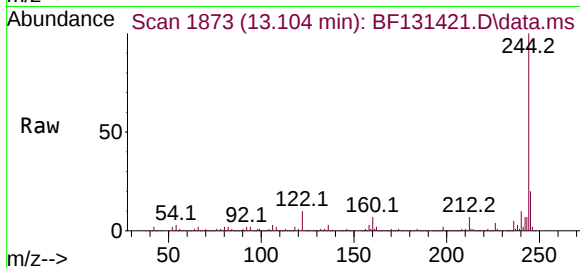
183 6.6 9.6 14.4#



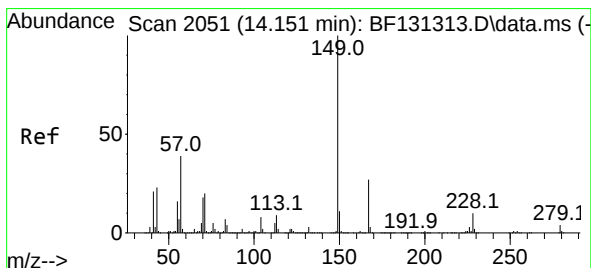
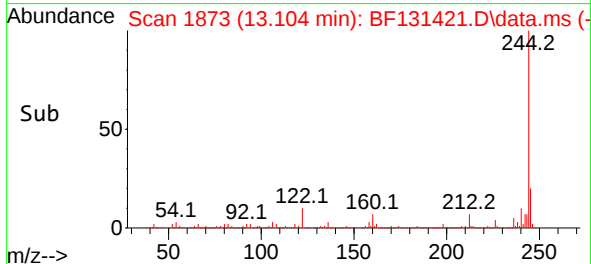
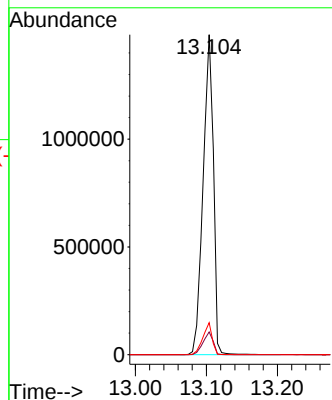


#79
 Terphenyl-d14
 Concen: 78.217 ng
 RT: 13.104 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131421.D
 Acq: 28 Nov 2022 10:05

Instrument :
 BNA_F
 ClientSampleId :
 PB149277BL

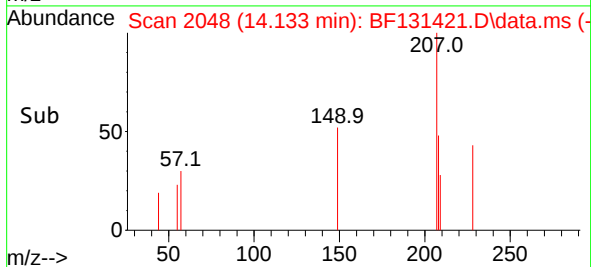
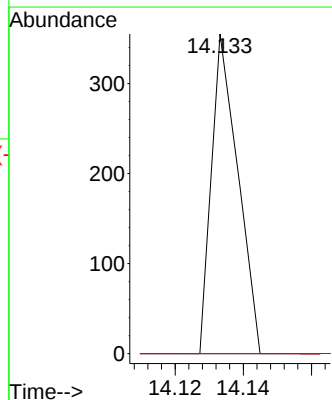
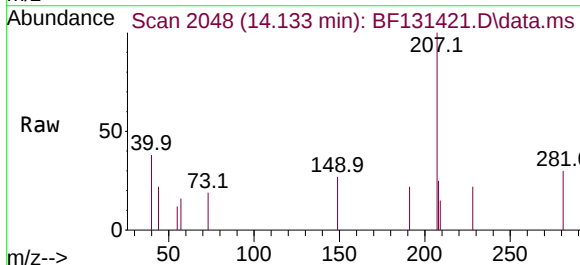


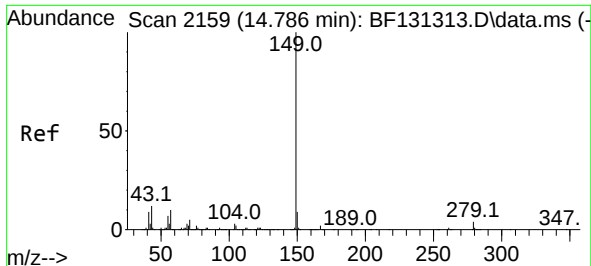
Tgt Ion:244 Resp: 1498685
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.0 7.5 11.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.763 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. -0.006 min
 Lab File: BF131421.D
 Acq: 28 Nov 2022 10:05

Tgt Ion:149 Resp: 191
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.9 32.9#
 279 0.0 3.0 4.4#

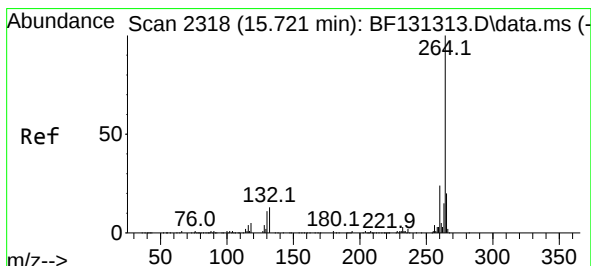
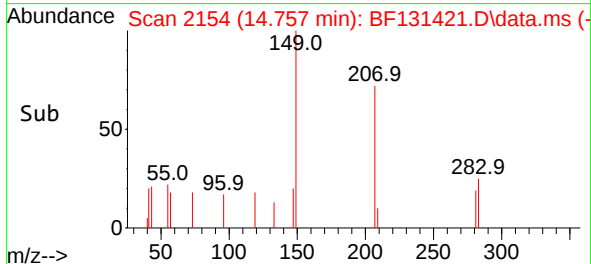
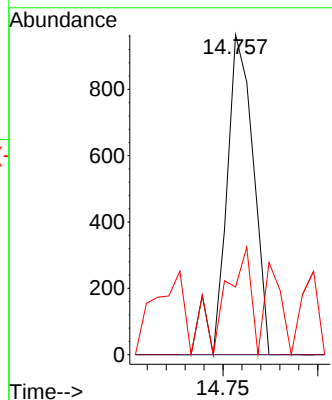
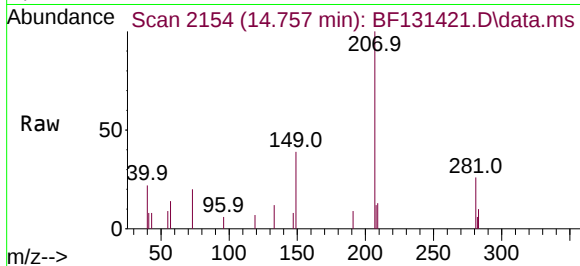




#85
Di-n-octyl phthalate
Concen: 3.965 ng
RT: 14.757 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

Instrument :
BNA_F
ClientSampleId :
PB149277BL

Tgt Ion:149 Resp: 974
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 27.2 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 2314
Delta R.T. -0.000 min
Lab File: BF131421.D
Acq: 28 Nov 2022 10:05

Tgt Ion:264 Resp: 234032
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.2 16.4 24.6

