

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131431.D
 Acq On : 28 Nov 2022 16:04
 Operator : CG\JU
 Sample : N5766-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-5

Quant Time: Nov 29 00:55:42 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)

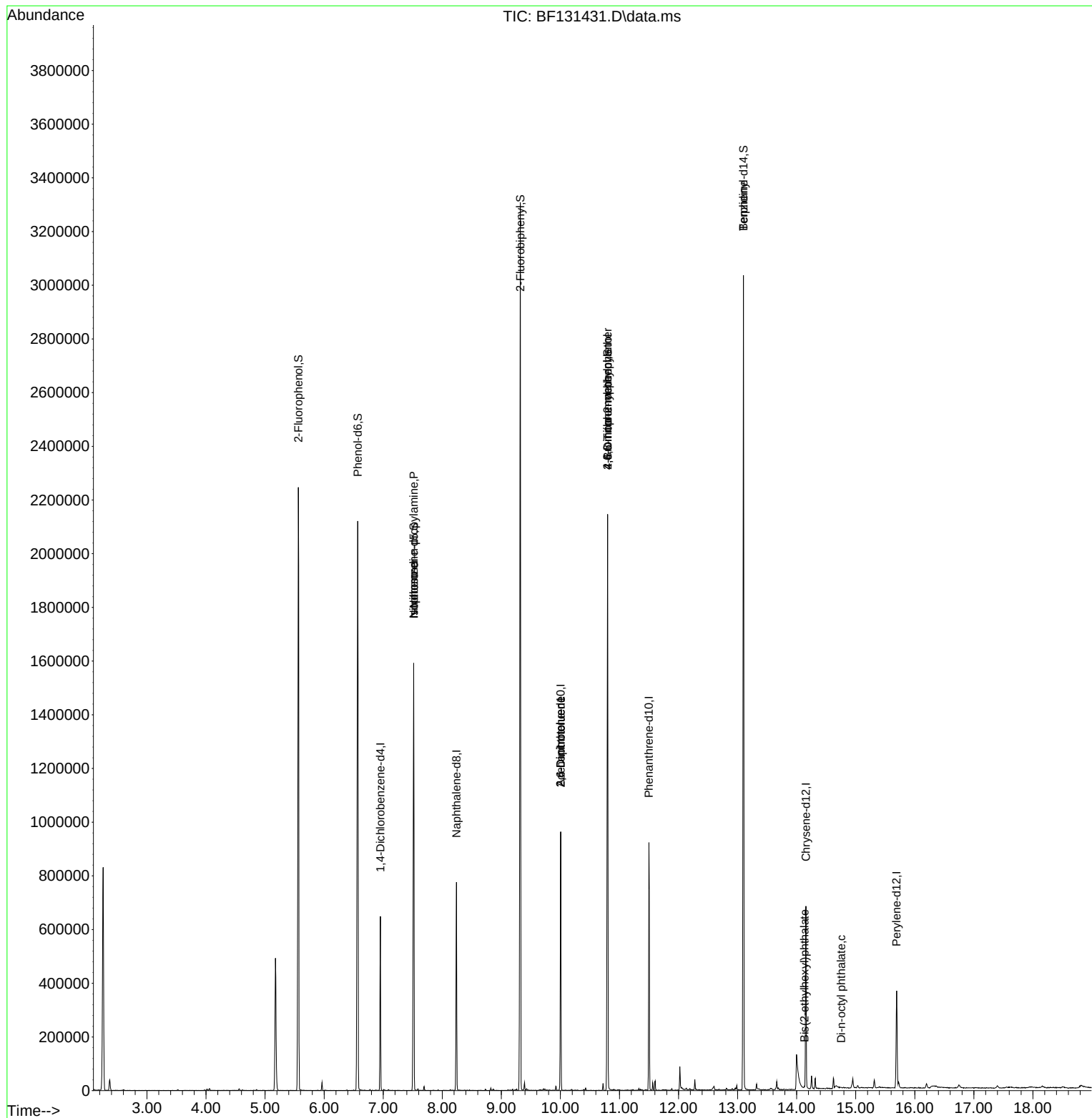
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.952	152	82088	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	303059	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	176294	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	327313	20.000	ng	0.00
76) Chrysene-d12	14.157	240	224313	20.000	ng	-0.01
86) Perylene-d12	15.692	264	172294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	597880	138.619	ng	0.00
7) Phenol-d6	6.569	99	754347	137.078	ng	0.00
23) Nitrobenzene-d5	7.516	82	504618	83.934	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	232395	156.688	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	947213	78.166	ng	0.00
79) Terphenyl-d14	13.098	244	1104214	80.498	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.505	77	55	Below Cal	#	41
19) n-Nitroso-di-n-propyla...	7.516	70	70372	17.468	ng	# 75
25) Isophorone	7.516	82	503516	46.943	ng	# 68
51) 2,6-Dinitrotoluene	10.004	165	22922	9.331	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	22922	7.416	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	691	5.125	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	16225	4.044	ng	# 1
77) Benzidine	13.098	184	14891	3.594	ng	# 89
84) Bis(2-ethylhexyl)phtha...	14.133	149	1692	3.925	ng	# 90
85) Di-n-octyl phthalate	14.757	149	304	3.929	ng	# 70

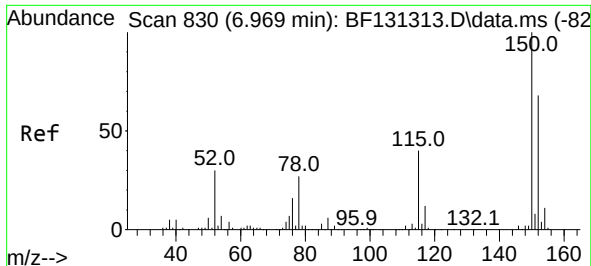
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
Data File : BF131431.D
Acq On : 28 Nov 2022 16:04
Operator : CG\JU
Sample : N5766-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CR-5

Quant Time: Nov 29 00:55:42 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

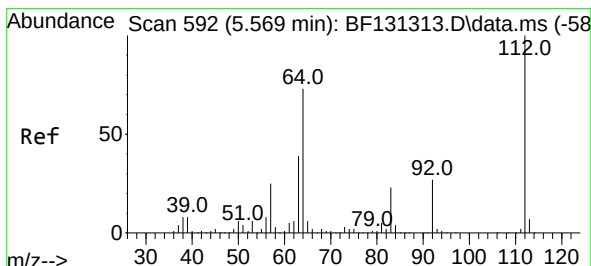
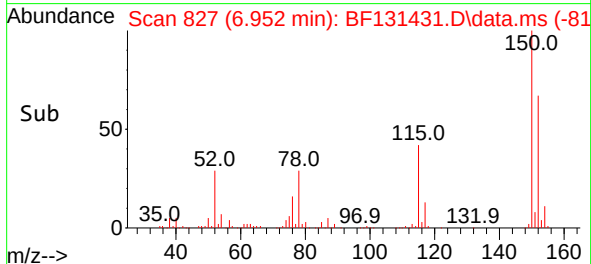
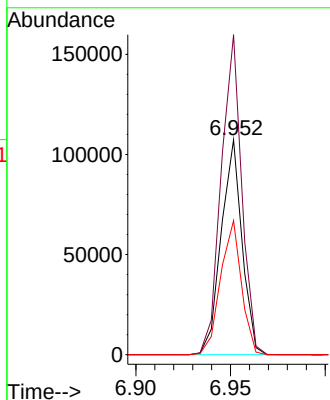
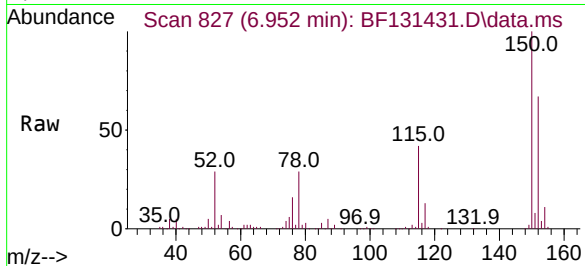




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.952 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BF131431.D
 Acq: 28 Nov 2022 16:04

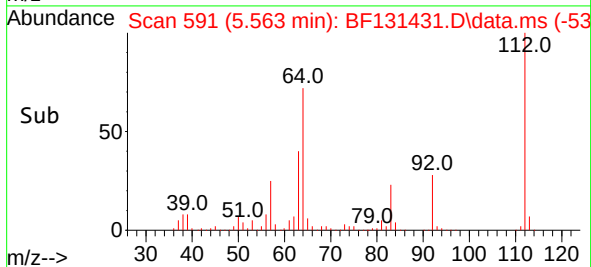
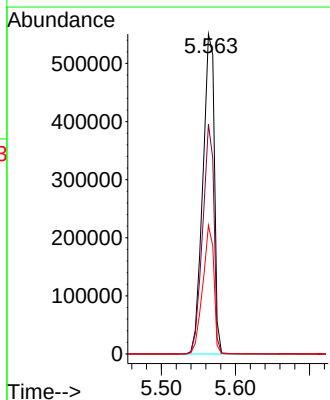
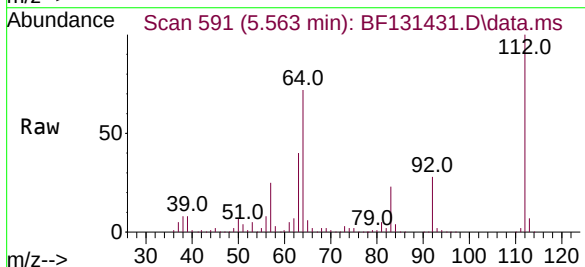
Instrument :
 BNA_F
 ClientSampleId :
 CR-5

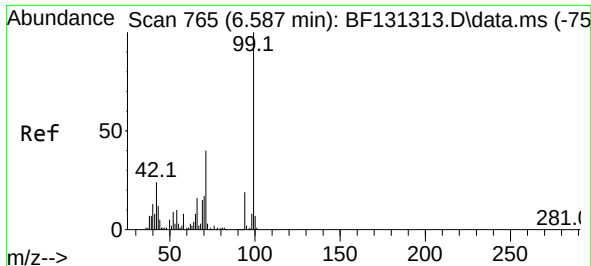
Tgt Ion:152 Resp: 82088
 Ion Ratio Lower Upper
 152 100
 150 148.8 117.8 176.8
 115 62.4 47.1 70.7



#5
 2-Fluorophenol
 Concen: 138.619 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.006 min
 Lab File: BF131431.D
 Acq: 28 Nov 2022 16:04

Tgt Ion:112 Resp: 597880
 Ion Ratio Lower Upper
 112 100
 64 71.8 58.6 88.0
 63 40.2 31.4 47.0

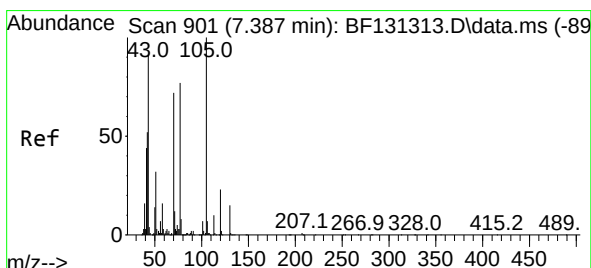
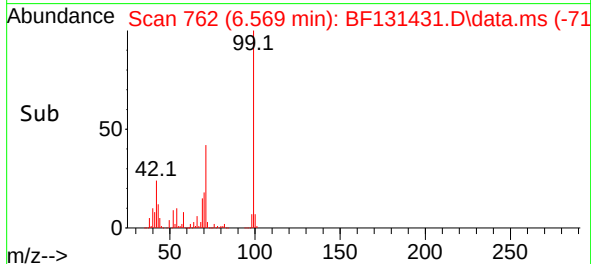
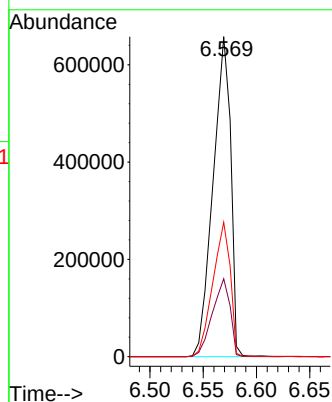
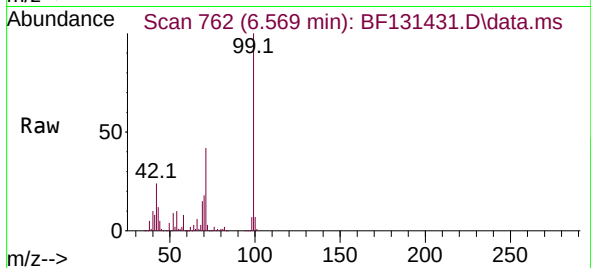




#7
Phenol-d6
Concen: 137.078 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

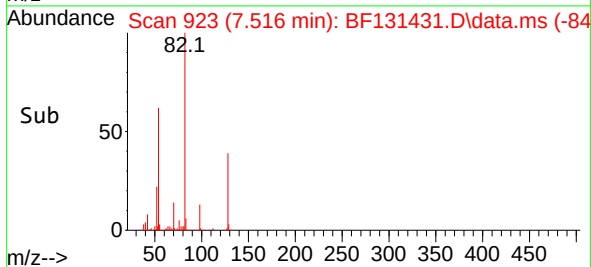
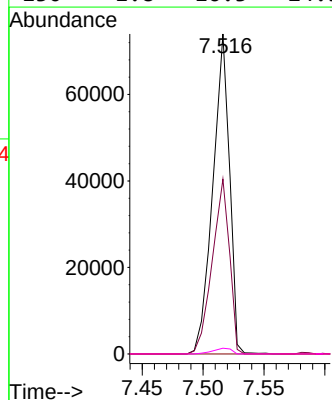
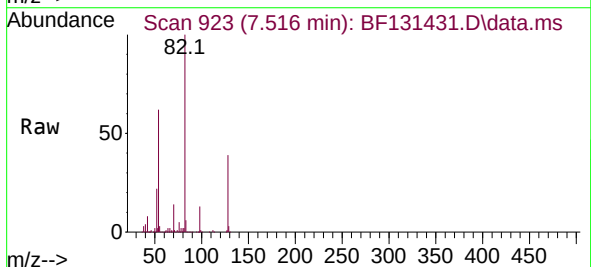
Instrument :
BNA_F
ClientSampleId :
CR-5

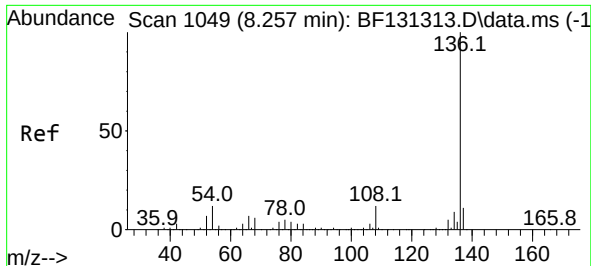
Tgt Ion: 99 Resp: 754347
Ion Ratio Lower Upper
99 100
42 24.3 19.4 29.2
71 42.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.468 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

Tgt Ion: 70 Resp: 70372
Ion Ratio Lower Upper
70 100
42 54.6 57.6 86.4#
101 0.0 8.2 12.2#
130 1.8 16.3 24.5#



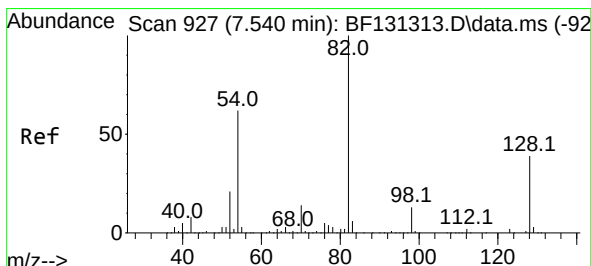
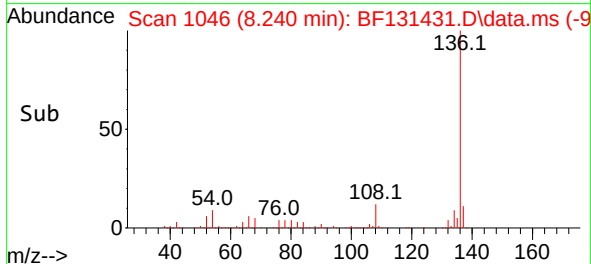
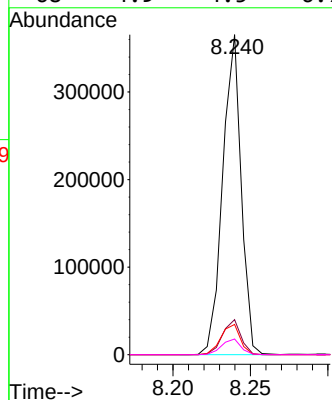
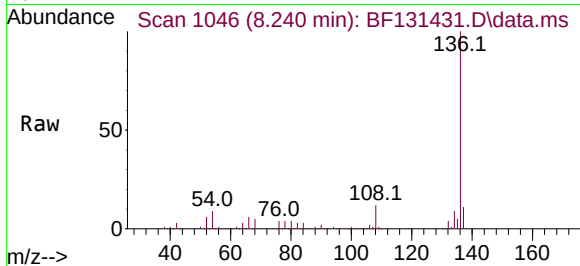


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

Instrument :
BNA_F
ClientSampleId :
CR-5

Tgt Ion:136 Resp: 303059

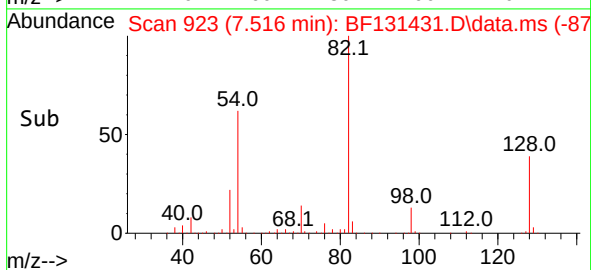
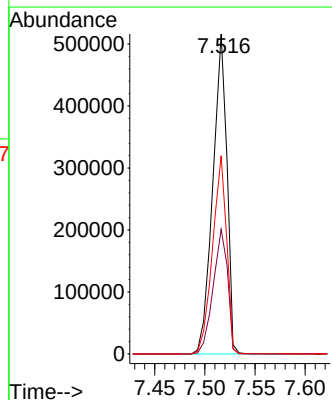
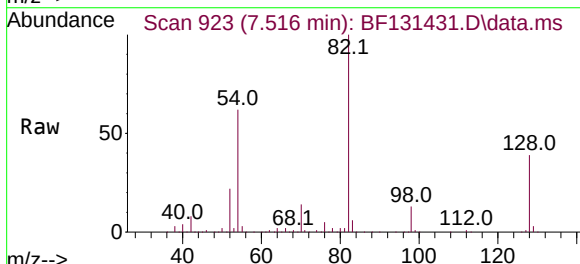
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.5	9.4	14.0
68	4.9	4.5	6.7

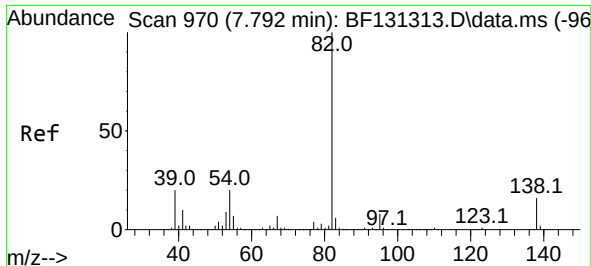


#23
Nitrobenzene-d5
Concen: 83.934 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

Tgt Ion: 82 Resp: 504618

Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.4	47.0
54	62.0	49.8	74.6

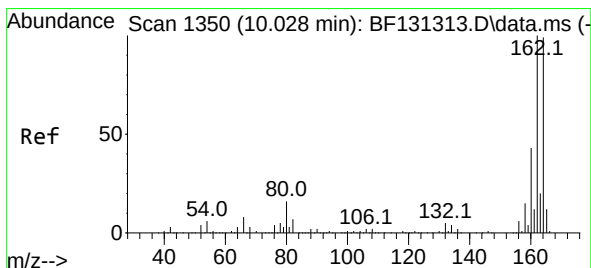
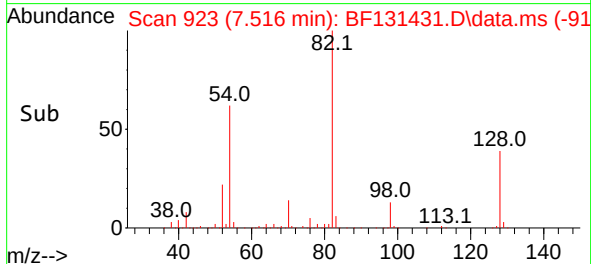
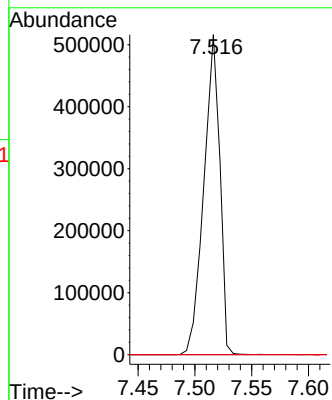
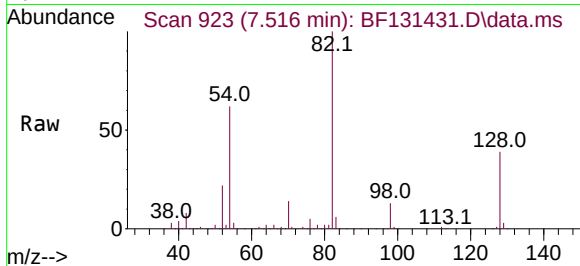




#25
Isophorone
Concen: 46.943 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

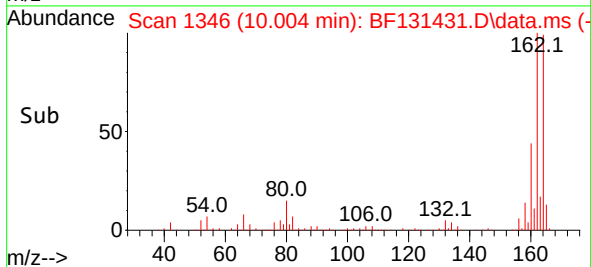
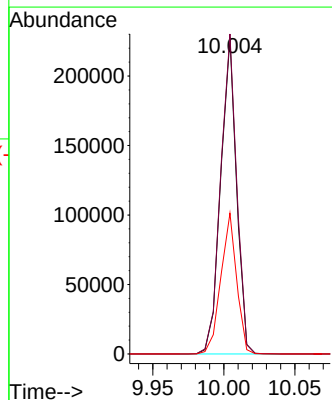
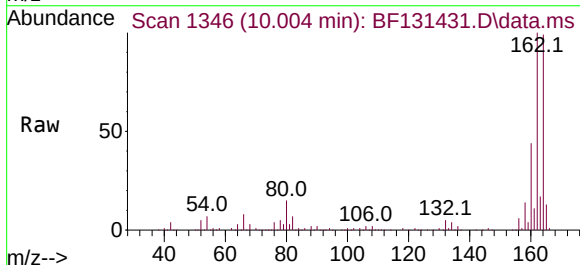
Instrument :
BNA_F
ClientSampleId :
CR-5

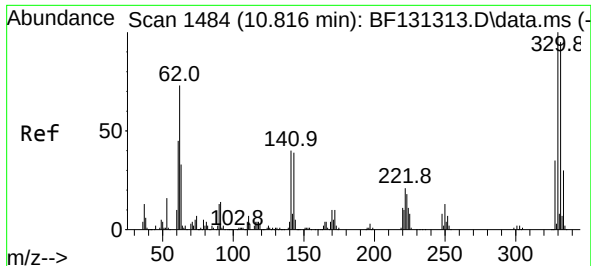
Tgt Ion: 82 Resp: 503516
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

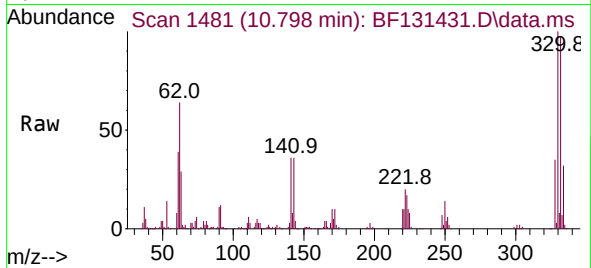
Tgt Ion:164 Resp: 176294
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.5 34.4 51.6



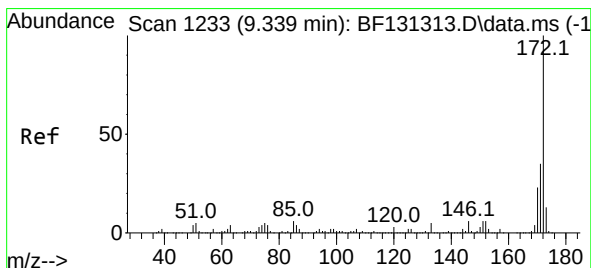
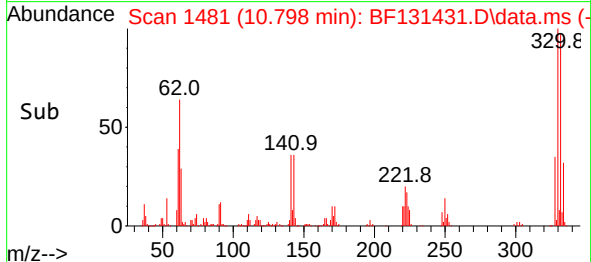
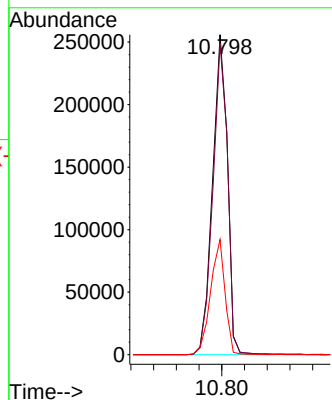


#42
2,4,6-Tribromophenol
Concen: 156.688 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

Instrument :
BNA_F
ClientSampleId :
CR-5

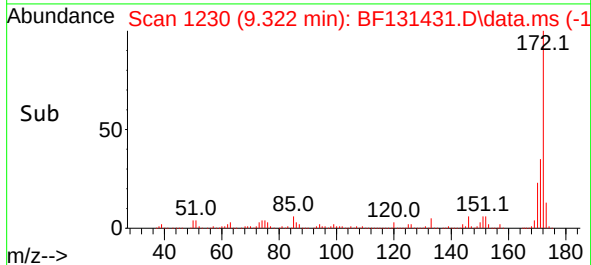
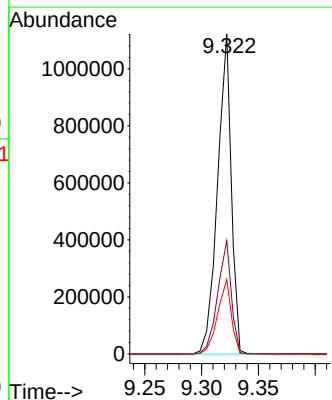
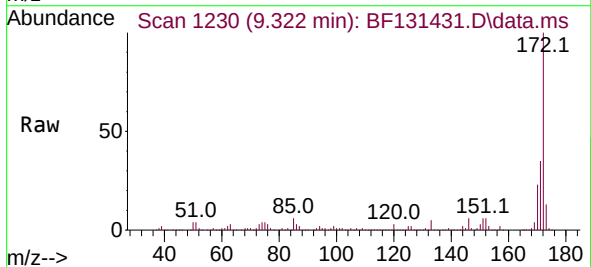


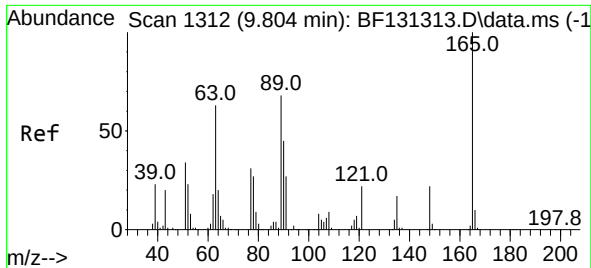
Tgt Ion:330 Resp: 232395
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 35.1 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 78.166 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

Tgt Ion:172 Resp: 947213
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.2 18.7 28.1

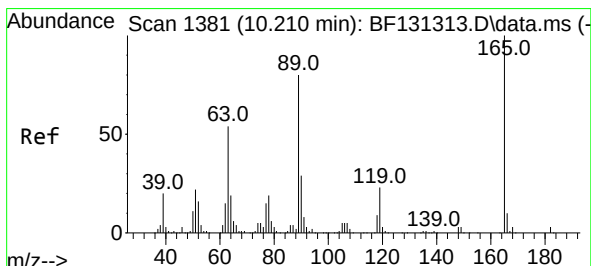
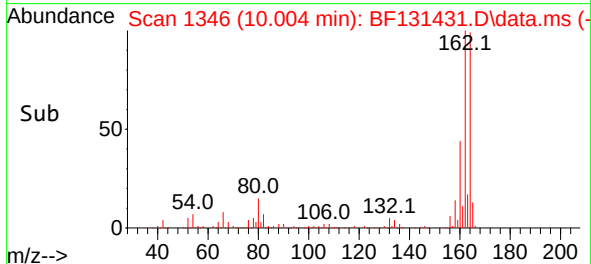
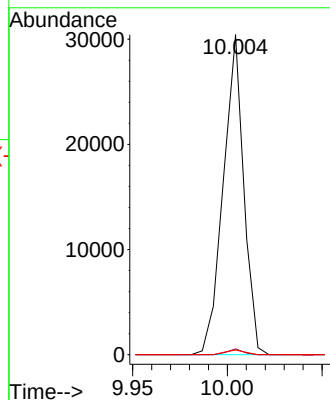
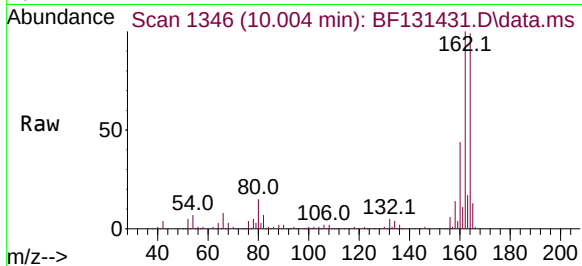




#51
2,6-Dinitrotoluene
Concen: 9.331 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

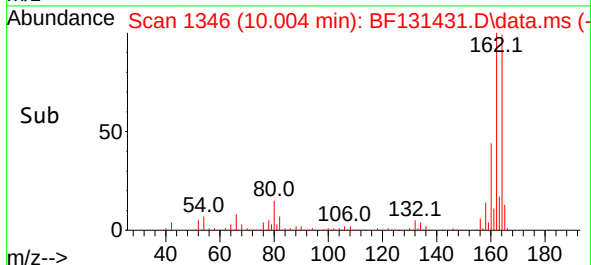
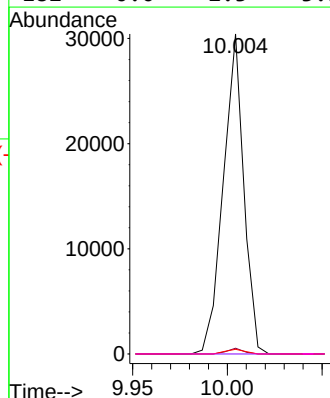
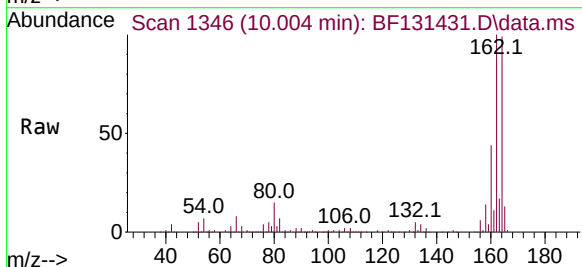
Instrument :
BNA_F
ClientSampleId :
CR-5

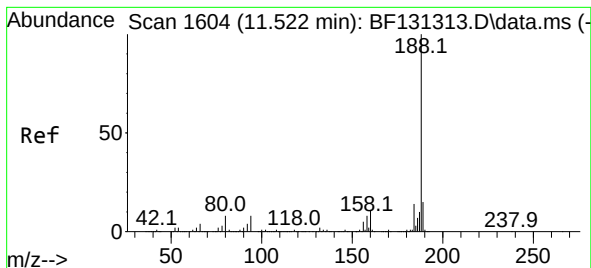
Tgt Ion:165 Resp: 22922
Ion Ratio Lower Upper
165 100
63 1.8 62.0 93.0#
89 1.4 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.416 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.194 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

Tgt Ion:165 Resp: 22922
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.2#
89 1.4 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: BF131431.D

Acq: 28 Nov 2022 16:04

Instrument :

BNA_F

ClientSampleId :

CR-5

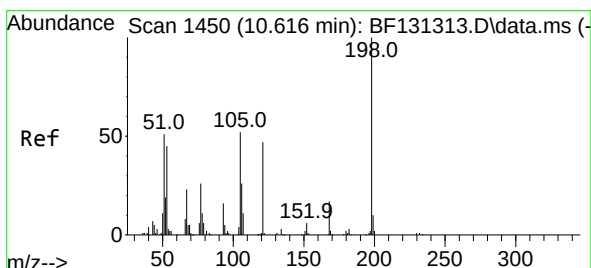
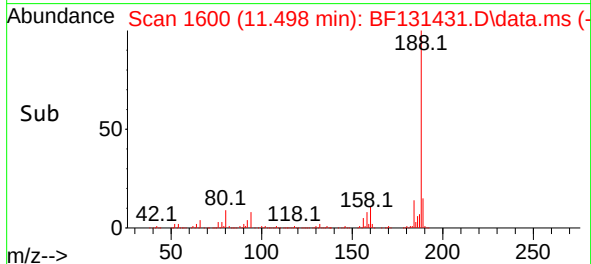
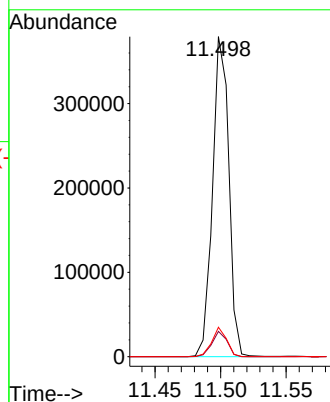
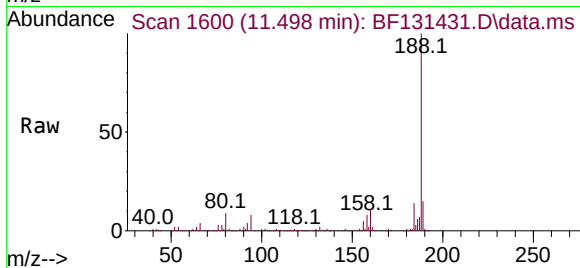
Tgt Ion:188 Resp: 327313

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

80 9.2 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.125 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.194 min

Lab File: BF131431.D

Acq: 28 Nov 2022 16:04

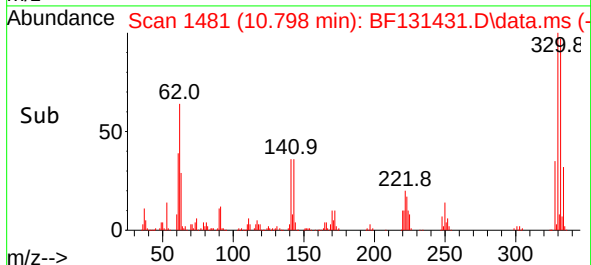
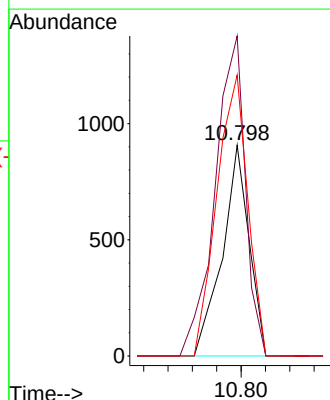
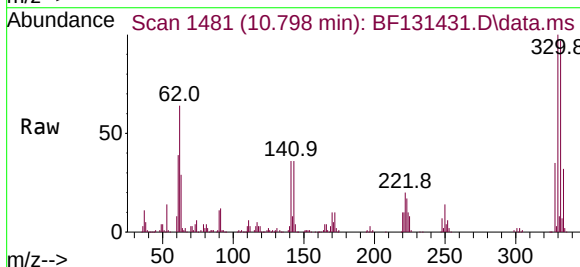
Tgt Ion:198 Resp: 691

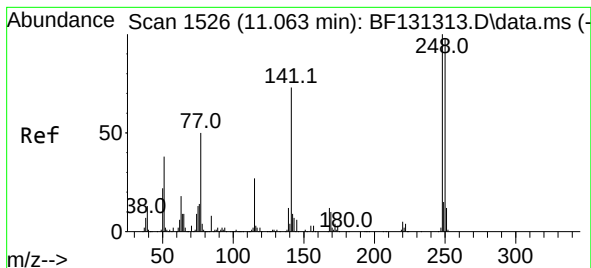
Ion Ratio Lower Upper

198 100

51 151.8 50.1 90.1#

105 133.3 32.5 72.5#

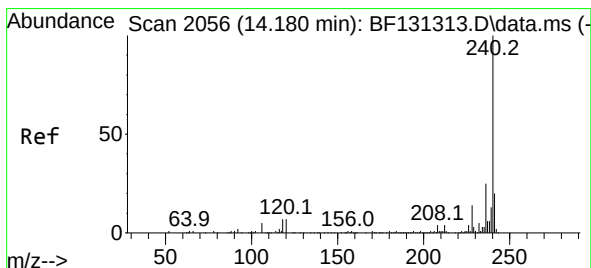
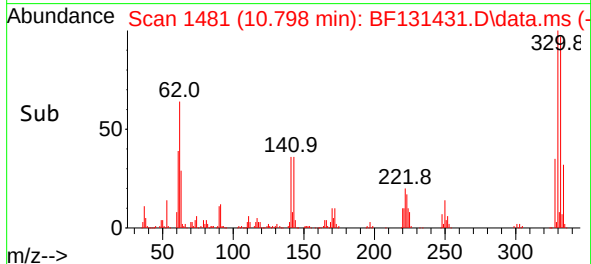
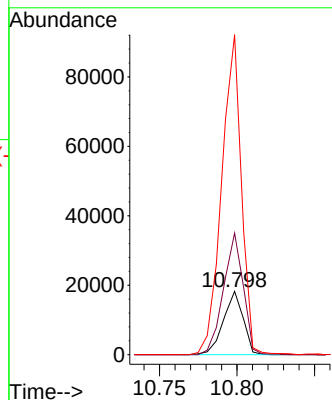
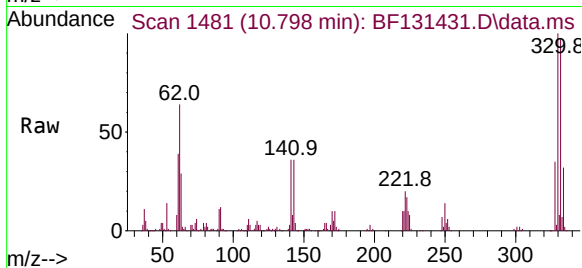




#67
4-Bromophenyl-phenylether
Concen: 4.044 ng
RT: 10.798 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

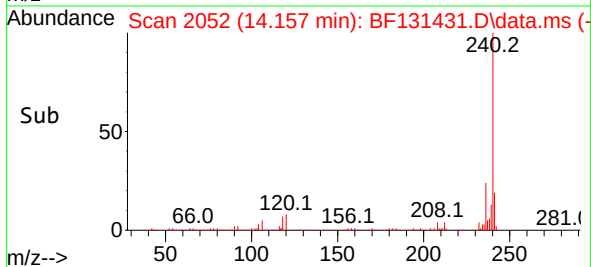
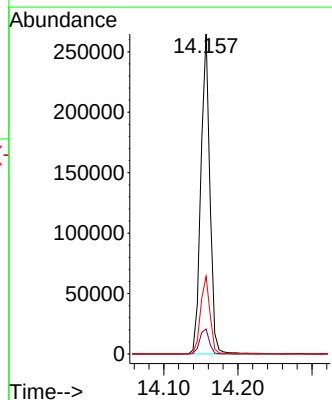
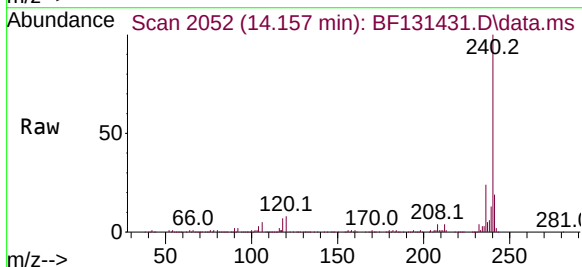
Instrument :
BNA_F
ClientSampleId :
CR-5

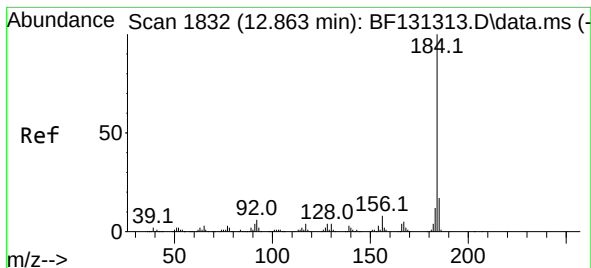
Tgt Ion:248 Resp: 16225
Ion Ratio Lower Upper
248 100
250 192.1 78.3 117.5#
141 505.5 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

Tgt Ion:240 Resp: 224313
Ion Ratio Lower Upper
240 100
120 7.8 5.8 8.8
236 24.3 20.3 30.5





#77

Benzidine

Concen: 3.594 ng

RT: 13.098 min Scan# 1872

Delta R.T. 0.247 min

Lab File: BF131431.D

Acq: 28 Nov 2022 16:04

Instrument :

BNA_F

ClientSampleId :

CR-5

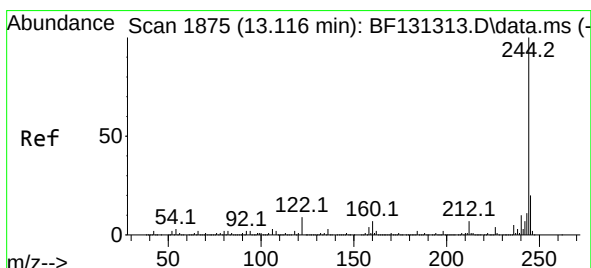
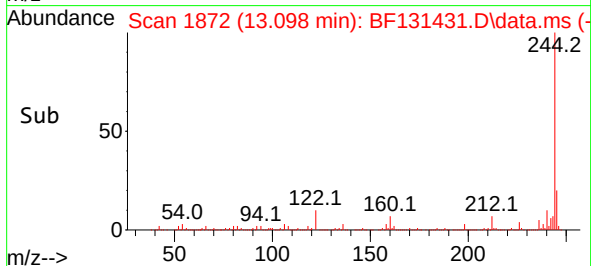
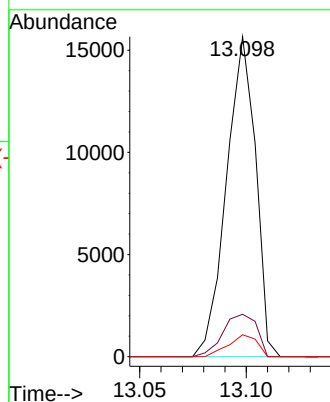
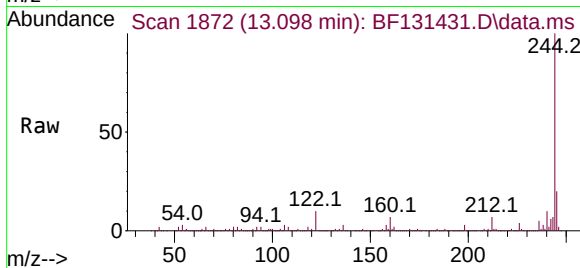
Tgt Ion:184 Resp: 14891

Ion Ratio Lower Upper

184 100

185 13.3 13.8 20.8#

183 6.9 9.6 14.4#



#79

Terphenyl-d14

Concen: 80.498 ng

RT: 13.098 min Scan# 1872

Delta R.T. -0.006 min

Lab File: BF131431.D

Acq: 28 Nov 2022 16:04

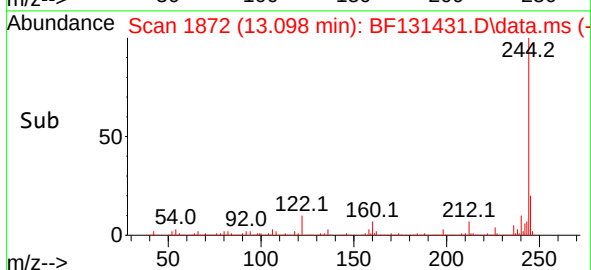
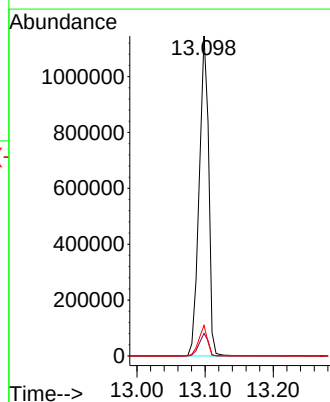
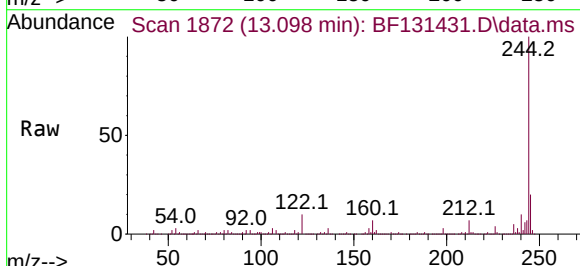
Tgt Ion:244 Resp: 1104214

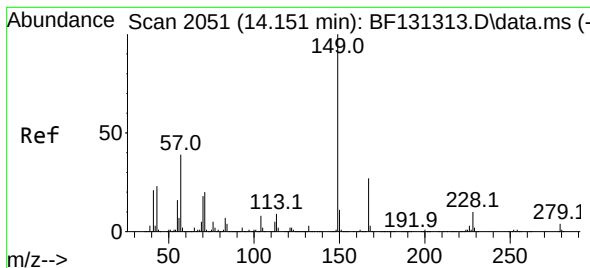
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 9.6 7.5 11.3

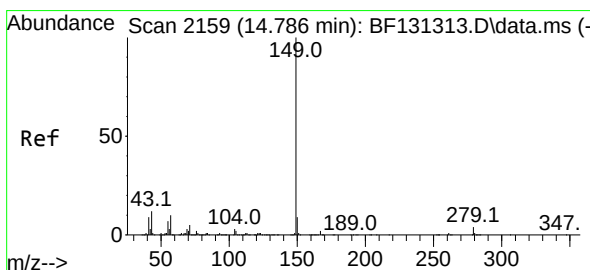
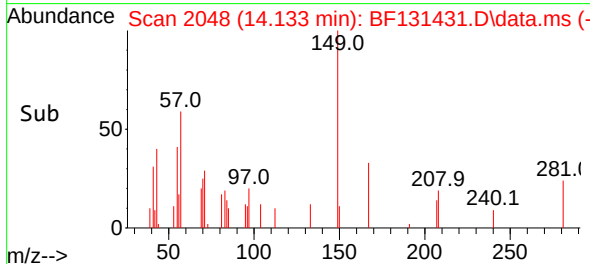
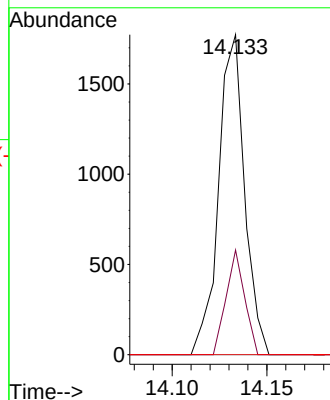
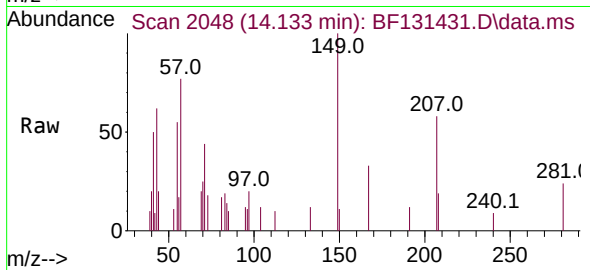




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.925 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

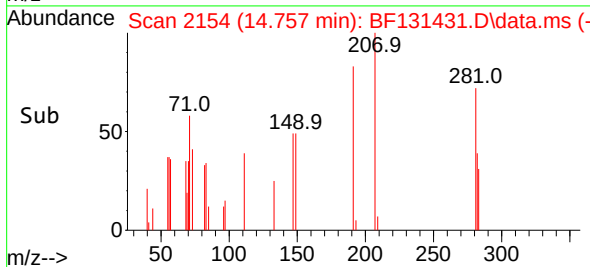
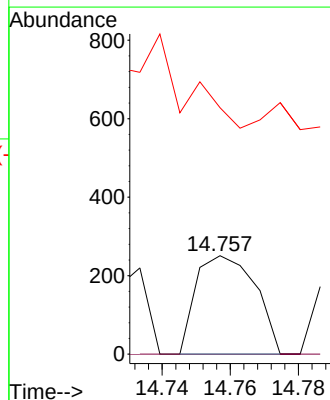
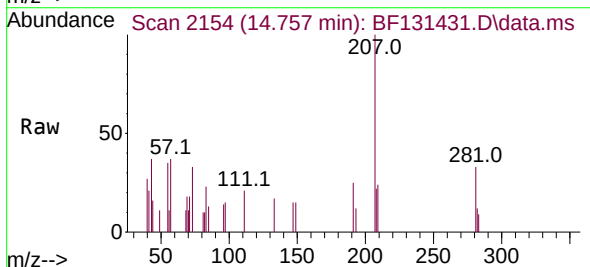
Instrument :
BNA_F
ClientSampleId :
CR-5

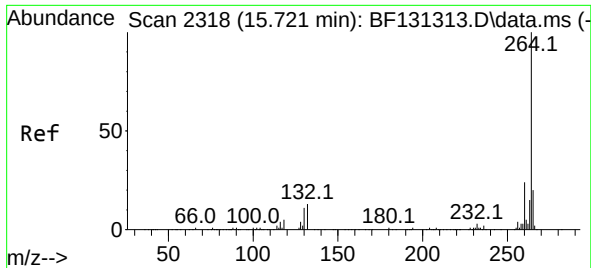
Tgt Ion:149 Resp: 1692
Ion Ratio Lower Upper
149 100
167 32.7 21.9 32.9
279 0.0 3.0 4.4#



#85
Di-n-octyl phthalate
Concen: 3.929 ng
RT: 14.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BF131431.D
Acq: 28 Nov 2022 16:04

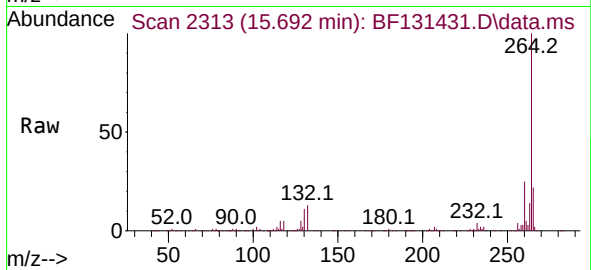
Tgt Ion:149 Resp: 304
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 10.7 16.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131431.D
 Acq: 28 Nov 2022 16:04

Instrument :
 BNA_F
 ClientSampleId :
 CR-5



Tgt Ion:264 Resp: 172294
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.4
 265 22.1 16.4 24.6

