

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131424.D
 Acq On : 28 Nov 2022 11:55
 Operator : CG\JU
 Sample : N5766-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-2

Quant Time: Nov 29 00:20:58 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)

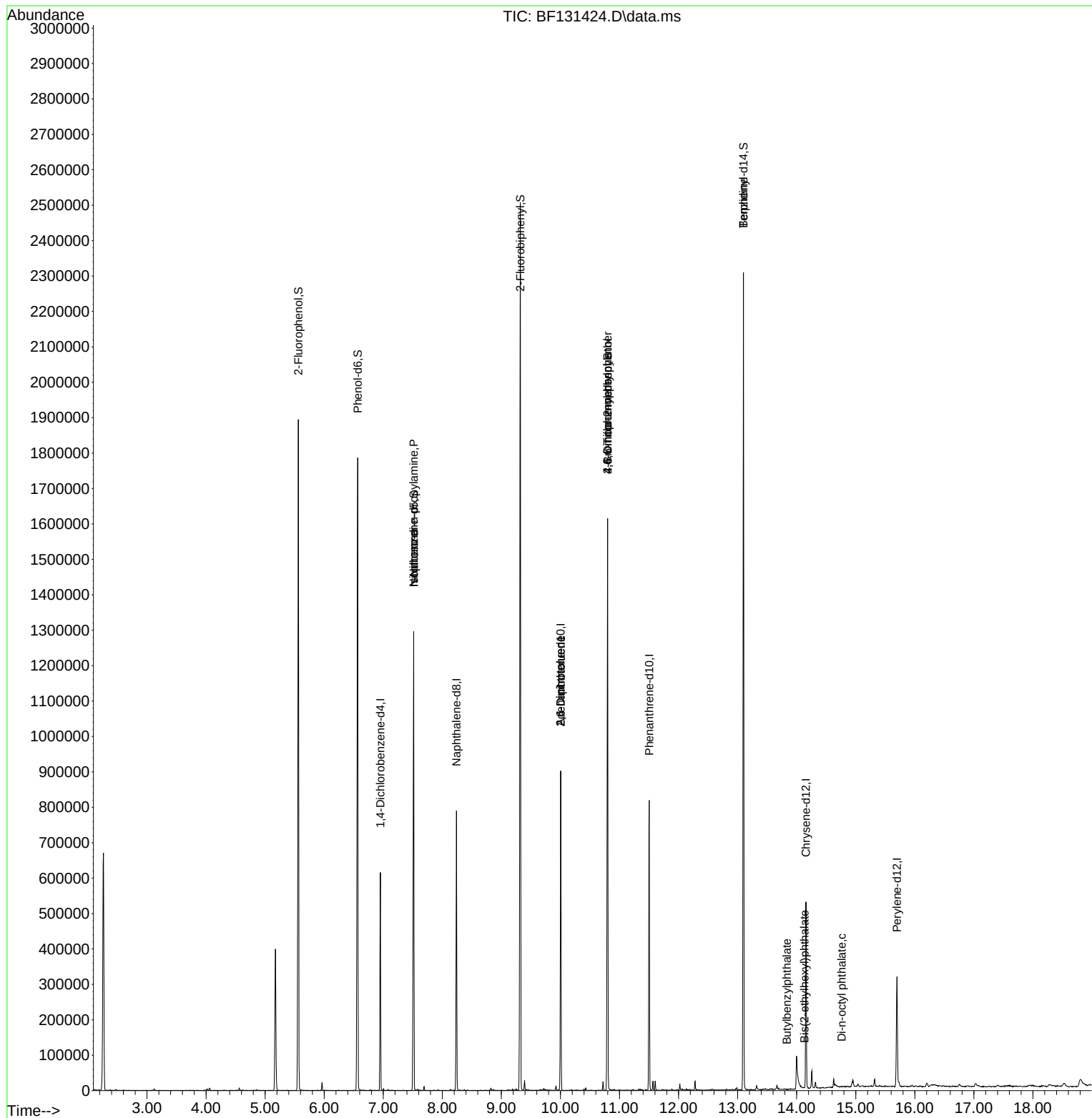
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	78408	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	292164	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	167932	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	299672	20.000	ng	0.00
76) Chrysene-d12	14.157	240	179152	20.000	ng	#-0.01
86) Perylene-d12	15.698	264	152779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	444116	107.801	ng	0.00
7) Phenol-d6	6.569	99	552358	105.084	ng	0.00
23) Nitrobenzene-d5	7.516	82	370834	63.982	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	164939	116.744	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	724661	62.778	ng	0.00
79) Terphenyl-d14	13.098	244	783003	71.471	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	112	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.516	70	51162	13.296	ng	# 74
25) Isophorone	7.516	82	369804	35.763	ng	# 68
51) 2,6-Dinitrotoluene	10.004	165	21575	9.220	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	21575	7.328	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	566	5.067	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	11116	3.027	ng	# 1
77) Benzidine	13.098	184	10398	3.142	ng	# 93
80) Butylbenzylphthalate	13.833	149	54	4.153	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.133	149	713	3.842	ng	# 98
85) Di-n-octyl phthalate	14.763	149	633	3.974	ng	# 23

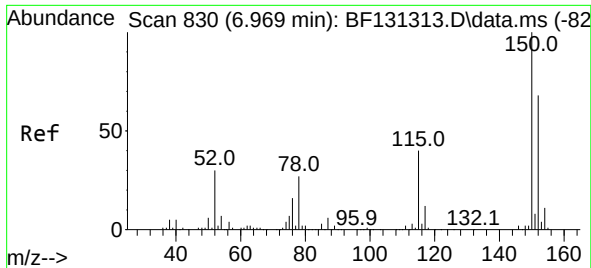
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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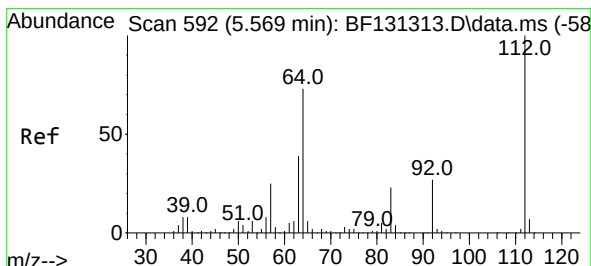
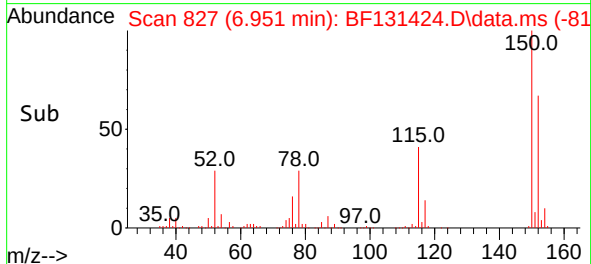
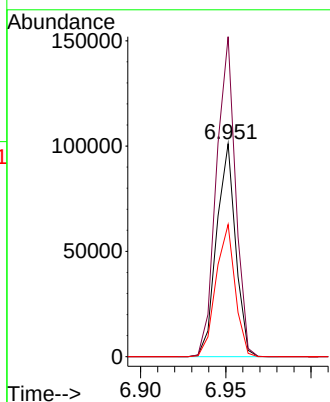
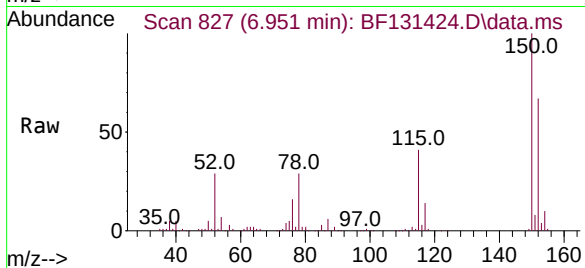




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131424.D
 Acq: 28 Nov 2022 11:55

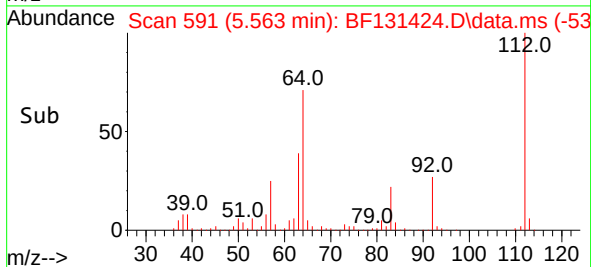
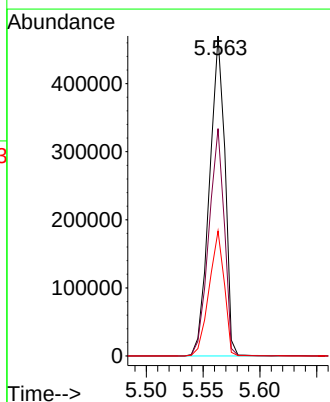
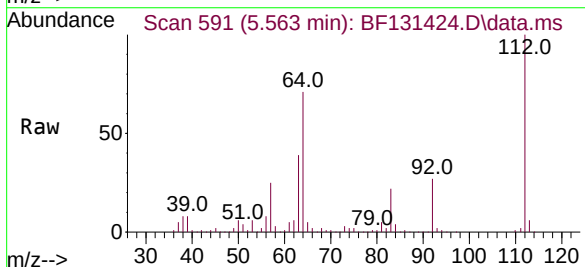
Instrument :
 BNA_F
 ClientSampleId :
 CR-2

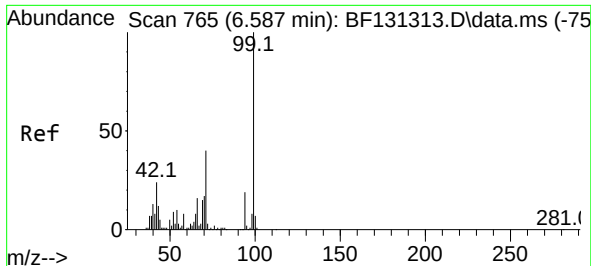
Tgt Ion:152 Resp: 78408
 Ion Ratio Lower Upper
 152 100
 150 150.3 117.8 176.8
 115 62.1 47.1 70.7



#5
 2-Fluorophenol
 Concen: 107.801 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.006 min
 Lab File: BF131424.D
 Acq: 28 Nov 2022 11:55

Tgt Ion:112 Resp: 444116
 Ion Ratio Lower Upper
 112 100
 64 71.1 58.6 88.0
 63 39.0 31.4 47.0





#7
Phenol-d6
Concen: 105.084 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131424.D
Acq: 28 Nov 2022 11:55

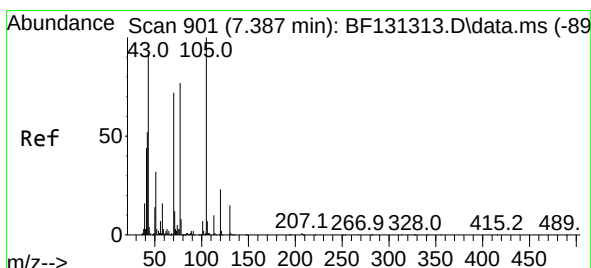
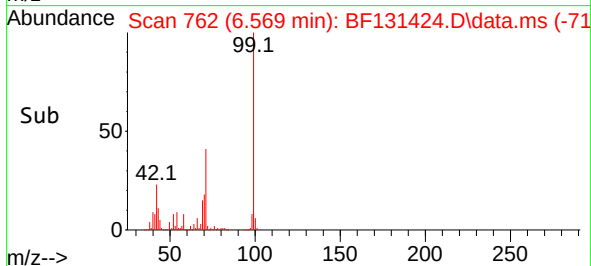
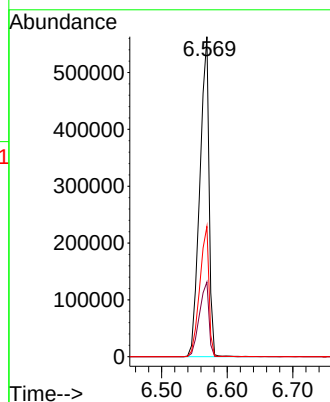
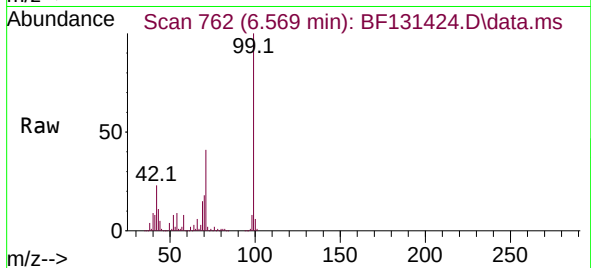
Instrument :

BNA_F

ClientSampleId :

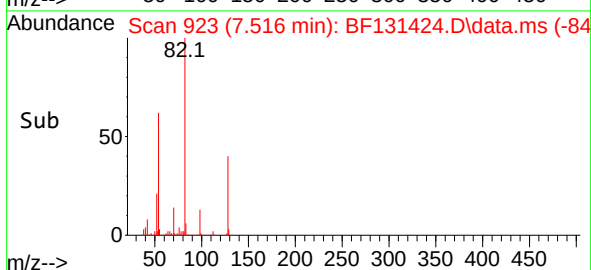
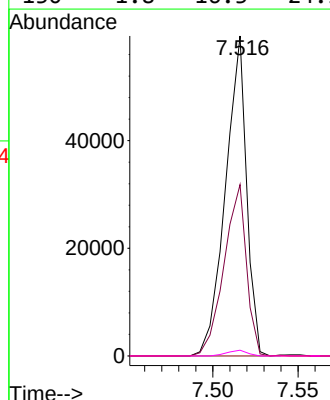
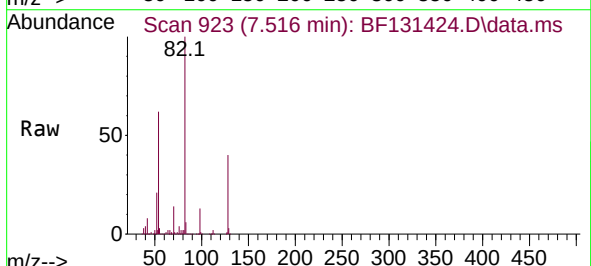
CR-2

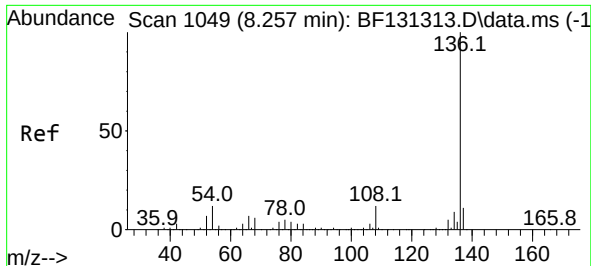
Tgt Ion: 99 Resp: 552358
Ion Ratio Lower Upper
99 100
42 23.4 19.4 29.2
71 40.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.296 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131424.D
Acq: 28 Nov 2022 11:55

Tgt Ion: 70 Resp: 51162
Ion Ratio Lower Upper
70 100
42 53.6 57.6 86.4#
101 0.0 8.2 12.2#
130 1.8 16.3 24.5#

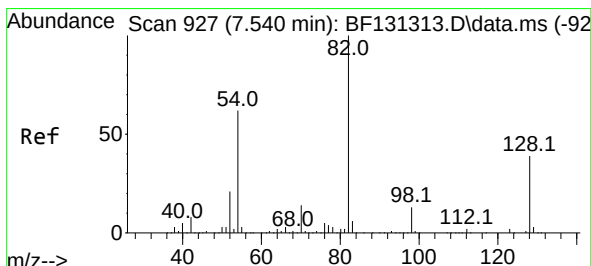
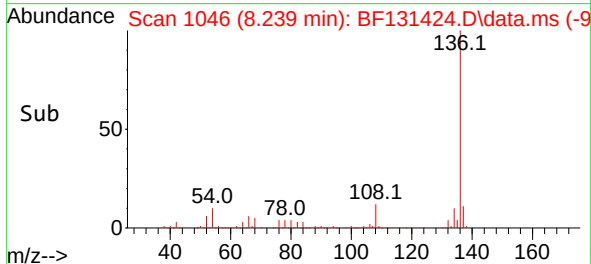
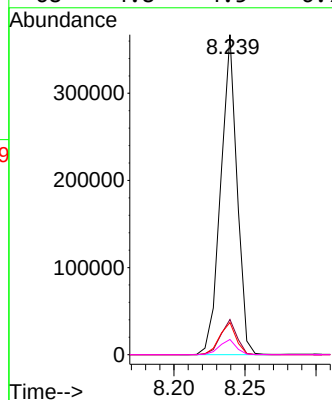
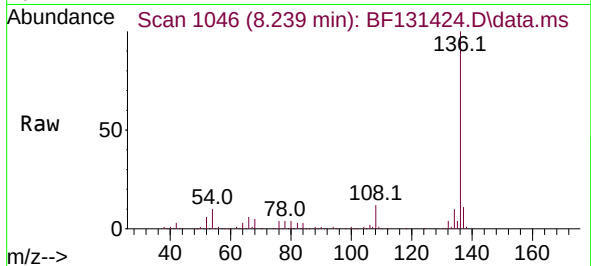




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131424.D
Acq: 28 Nov 2022 11:55

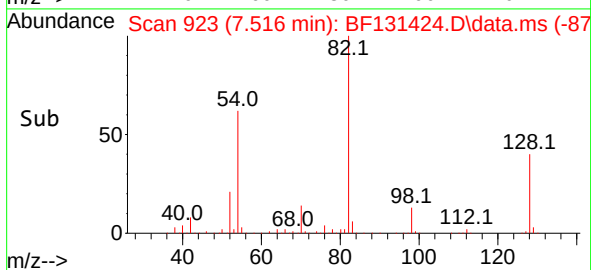
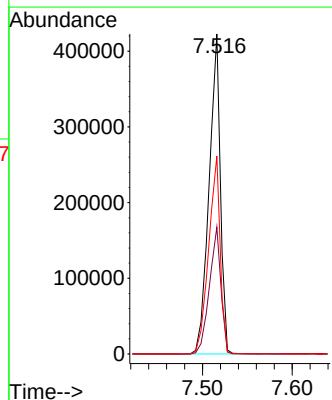
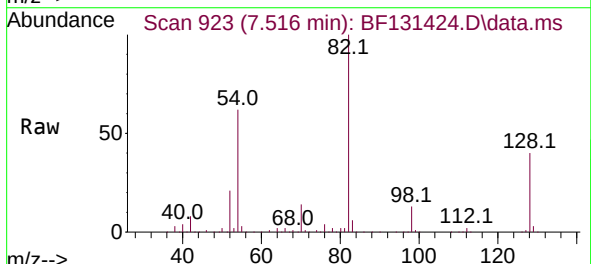
Instrument :
BNA_F
ClientSampleId :
CR-2

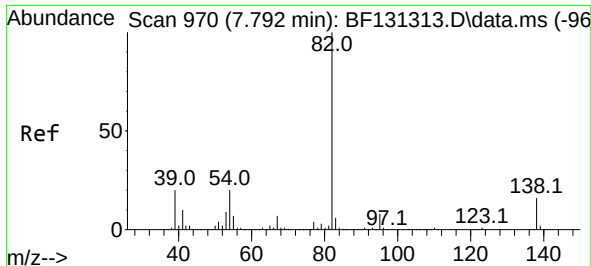
Tgt Ion:	136	Resp:	292164
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.0	9.4	14.0
68	4.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 63.982 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131424.D
Acq: 28 Nov 2022 11:55

Tgt Ion:	82	Resp:	370834
Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.4	47.0
54	61.8	49.8	74.6

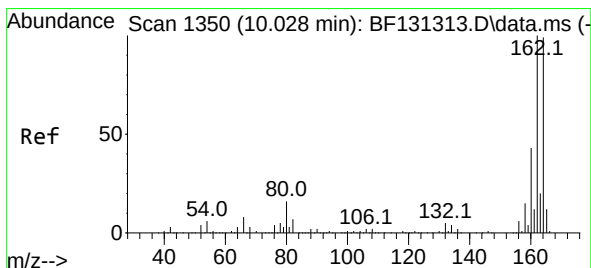
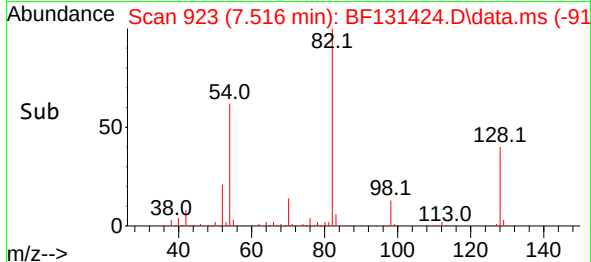
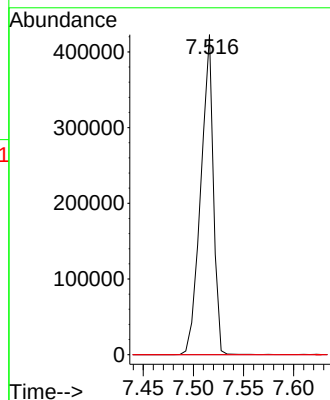
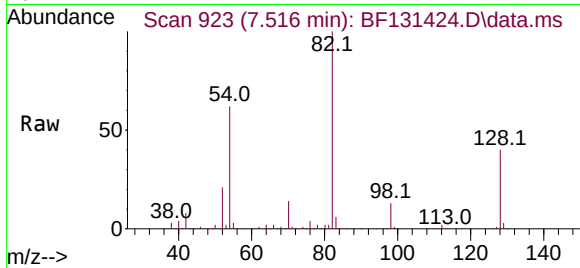




#25
Isophorone
Concen: 35.763 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131424.D
Acq: 28 Nov 2022 11:55

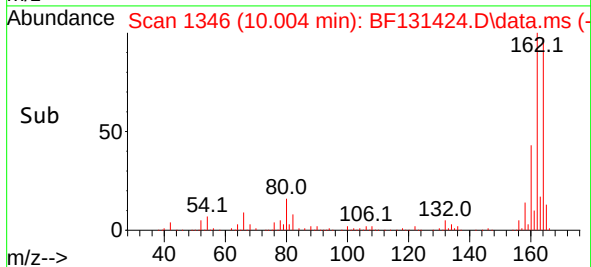
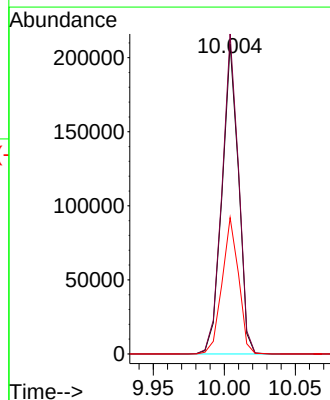
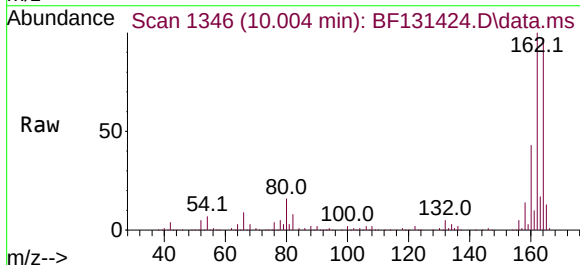
Instrument :
BNA_F
ClientSampleId :
CR-2

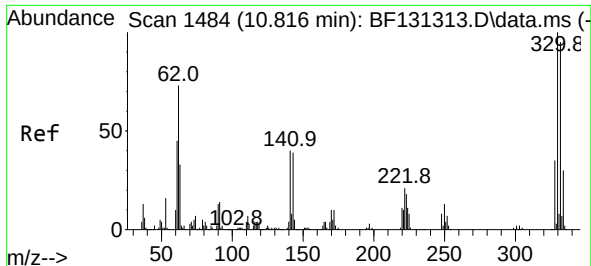
Tgt Ion: 82 Resp: 369804
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131424.D
Acq: 28 Nov 2022 11:55

Tgt Ion: 164 Resp: 167932
Ion Ratio Lower Upper
164 100
162 103.2 80.6 120.8
160 44.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 116.744 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131424.D

Acq: 28 Nov 2022 11:55

Instrument :

BNA_F

ClientSampleId :

CR-2

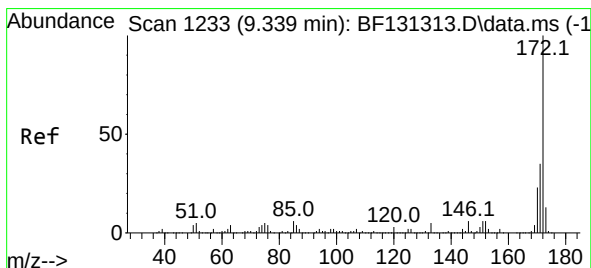
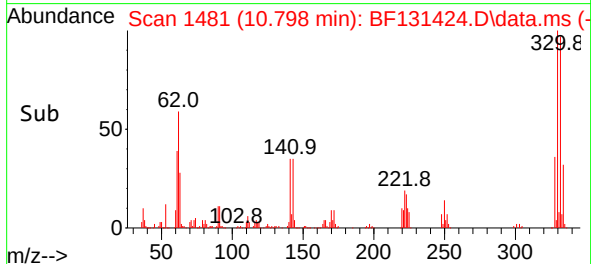
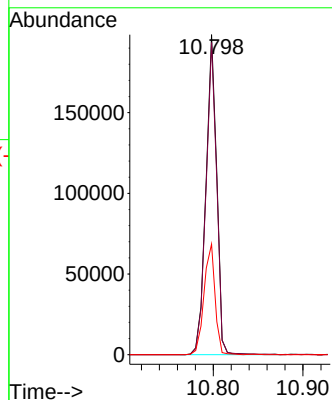
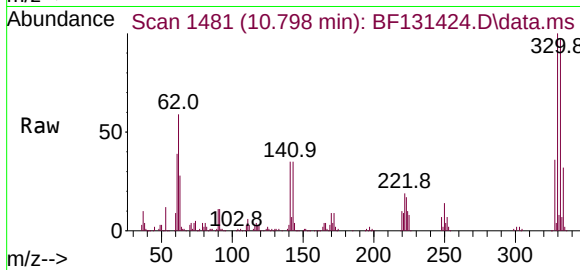
Tgt Ion:330 Resp: 164939

Ion Ratio Lower Upper

330 100

332 97.2 77.5 116.3

141 35.5 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 62.778 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131424.D

Acq: 28 Nov 2022 11:55

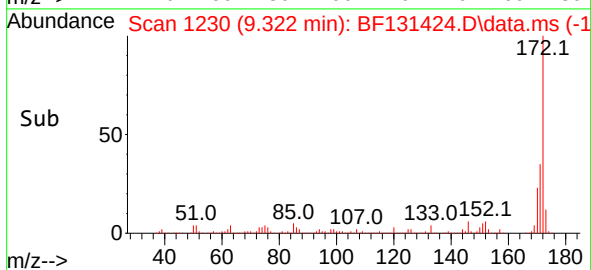
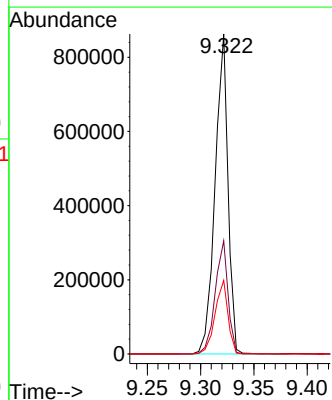
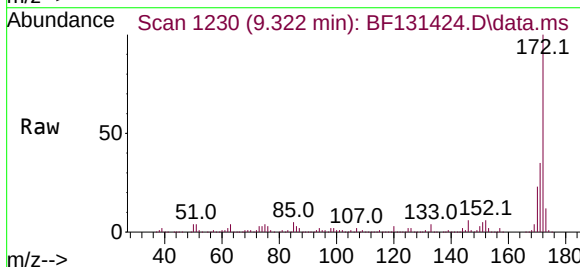
Tgt Ion:172 Resp: 724661

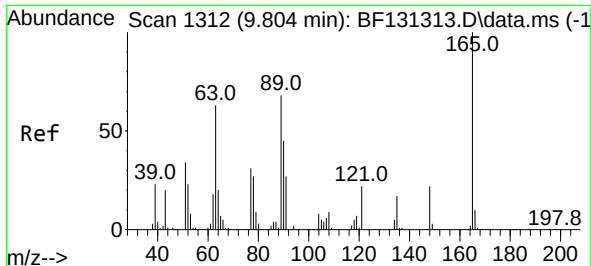
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.0 18.7 28.1

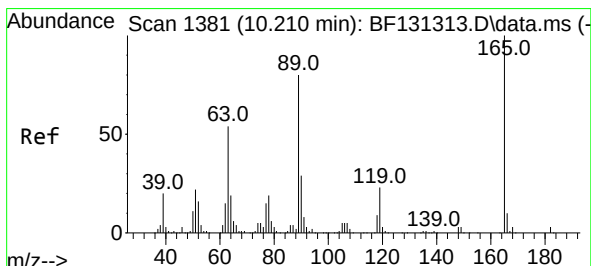
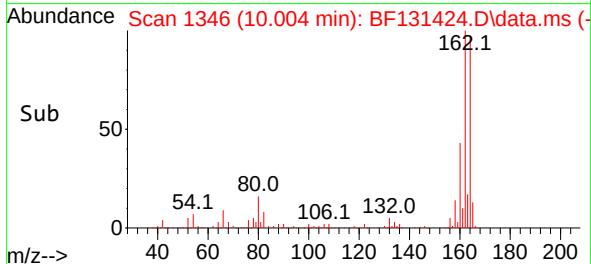
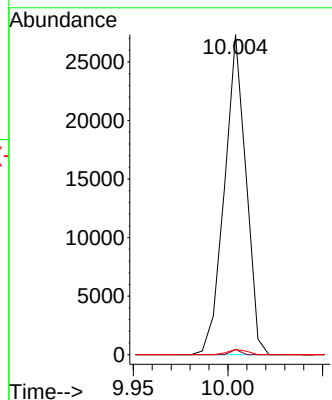
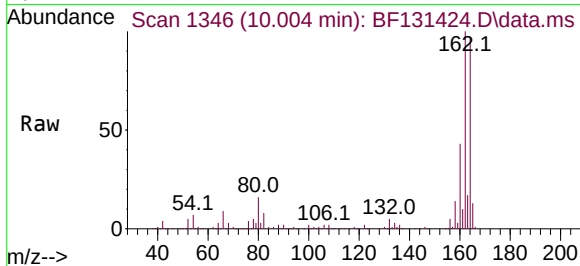




#51
2,6-Dinitrotoluene
Concen: 9.220 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131424.D
Acq: 28 Nov 2022 11:55

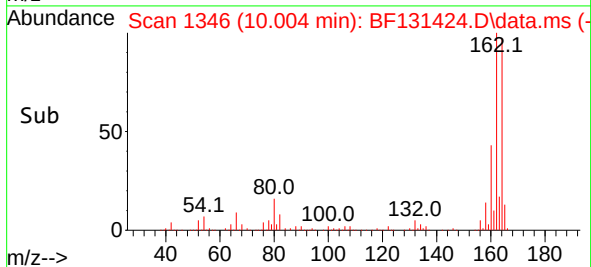
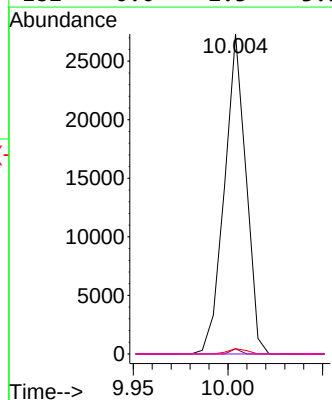
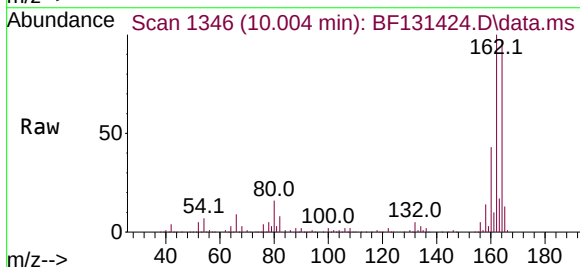
Instrument :
BNA_F
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CR-2

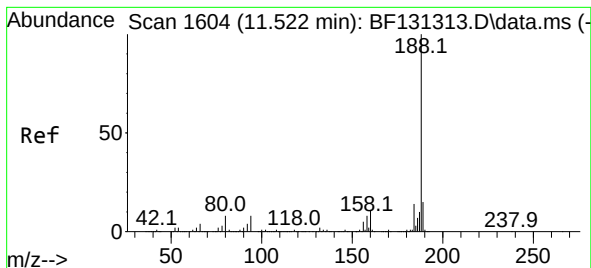
Tgt Ion:165 Resp: 21575
Ion Ratio Lower Upper
165 100
63 1.6 62.0 93.0#
89 1.7 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.328 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.194 min
Lab File: BF131424.D
Acq: 28 Nov 2022 11:55

Tgt Ion:165 Resp: 21575
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.2#
89 1.7 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131424.D

Acq: 28 Nov 2022 11:55

Instrument :

BNA_F

ClientSampleId :

CR-2

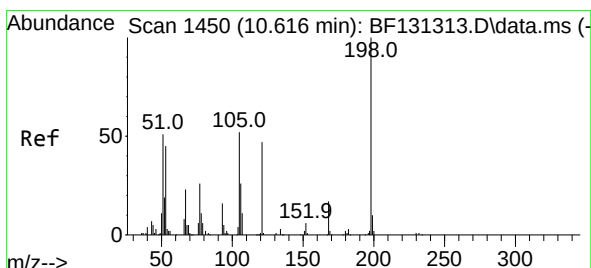
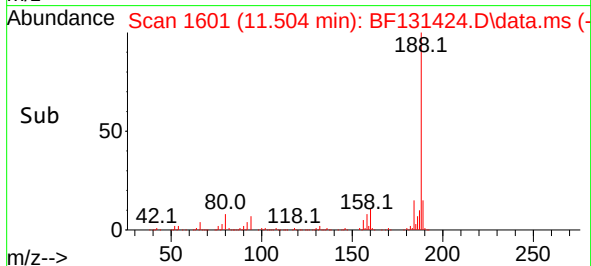
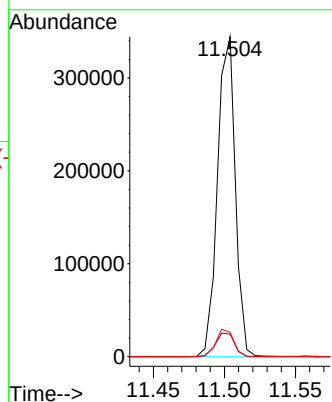
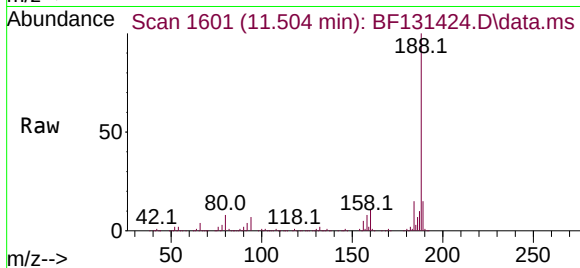
Tgt Ion:188 Resp: 299672

Ion Ratio Lower Upper

188 100

94 7.1 6.3 9.5

80 7.6 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.067 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.194 min

Lab File: BF131424.D

Acq: 28 Nov 2022 11:55

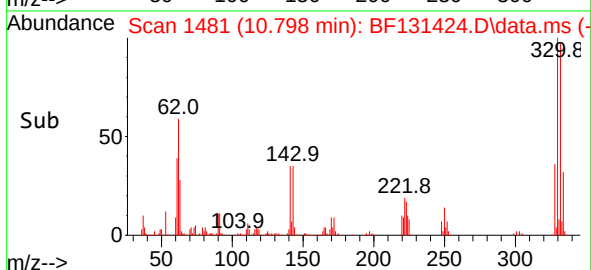
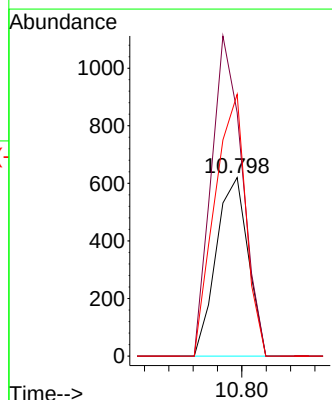
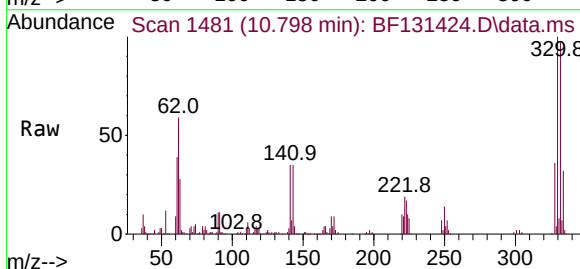
Tgt Ion:198 Resp: 566

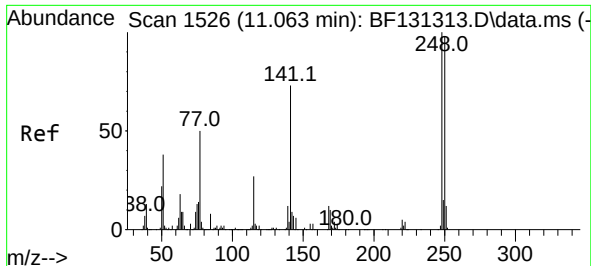
Ion Ratio Lower Upper

198 100

51 136.5 50.1 90.1#

105 146.6 32.5 72.5#

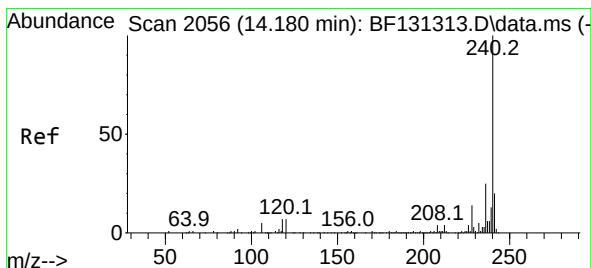
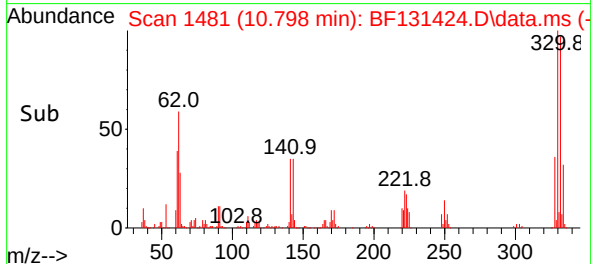
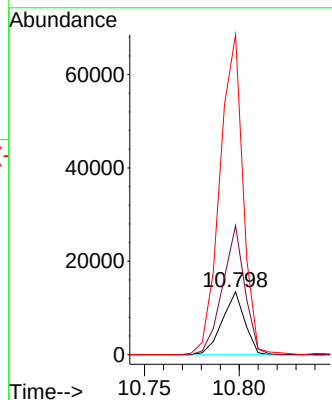
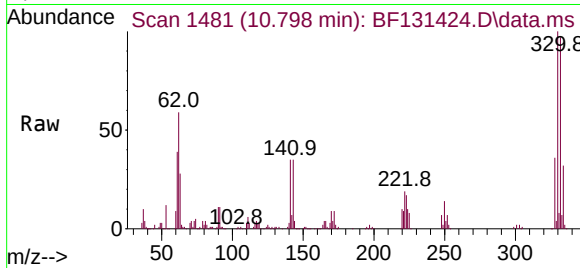




#67
4-Bromophenyl-phenylether
Concen: 3.027 ng
RT: 10.798 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131424.D
Acq: 28 Nov 2022 11:55

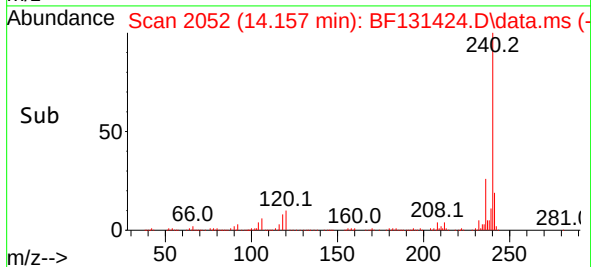
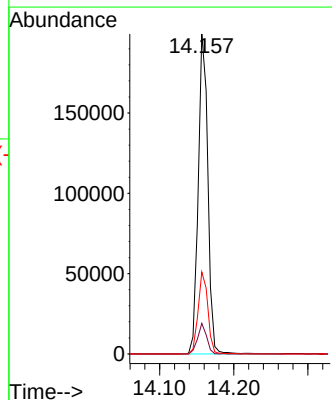
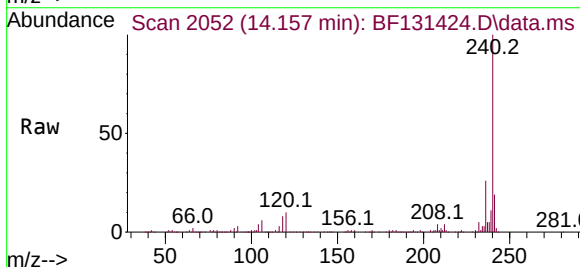
Instrument :
BNA_F
ClientSampleId :
CR-2

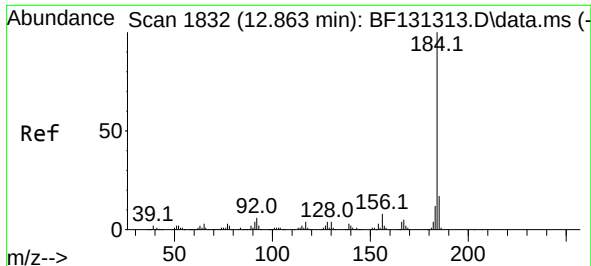
Tgt Ion:248 Resp: 11116
Ion Ratio Lower Upper
248 100
250 205.2 78.3 117.5#
141 508.5 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131424.D
Acq: 28 Nov 2022 11:55

Tgt Ion:240 Resp: 179152
Ion Ratio Lower Upper
240 100
120 9.6 5.8 8.8#
236 25.7 20.3 30.5

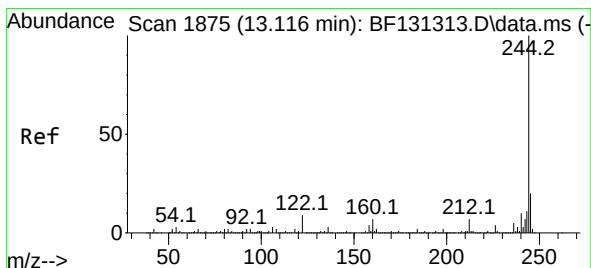
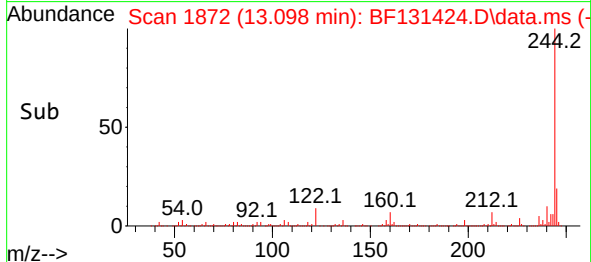
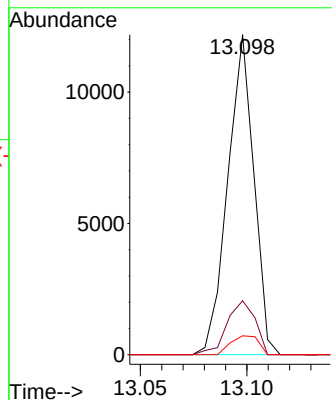
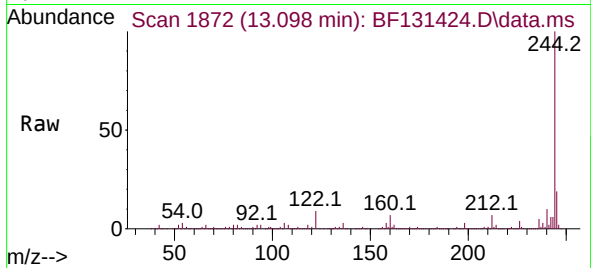




#77
Benzidine
Concen: 3.142 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.247 min
Lab File: BF131424.D
Acq: 28 Nov 2022 11:55

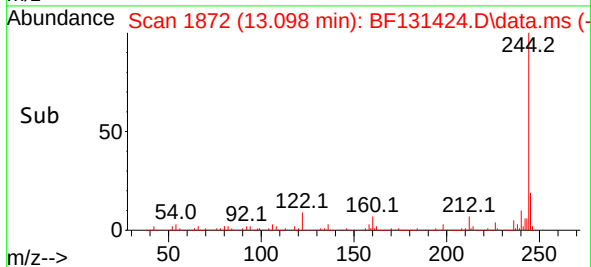
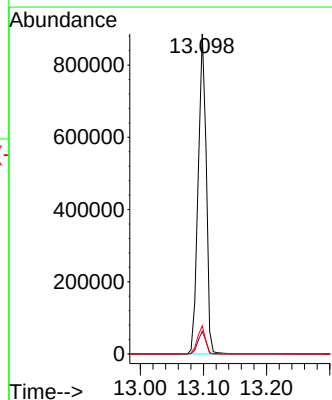
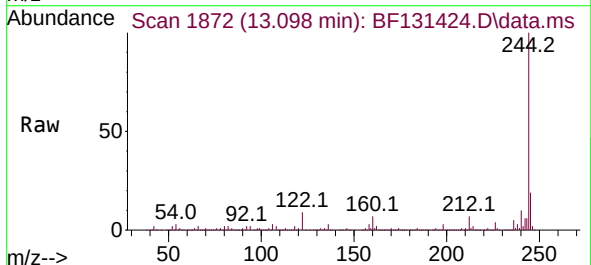
Instrument :
BNA_F
ClientSampleId :
CR-2

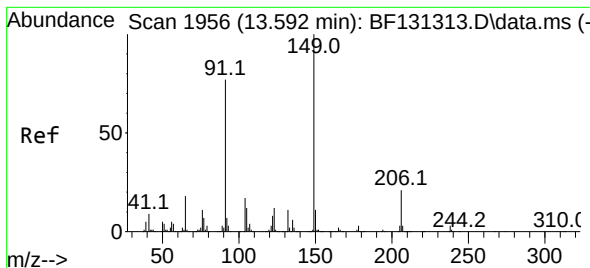
Tgt Ion:184 Resp: 10398
Ion Ratio Lower Upper
184 100
185 16.8 13.8 20.8
183 5.9 9.6 14.4#



#79
Terphenyl-d14
Concen: 71.471 ng
RT: 13.098 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BF131424.D
Acq: 28 Nov 2022 11:55

Tgt Ion:244 Resp: 783003
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.8 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.153 ng

RT: 13.833 min Scan# 1956

Delta R.T. 0.253 min

Lab File: BF131424.D

Acq: 28 Nov 2022 11:55

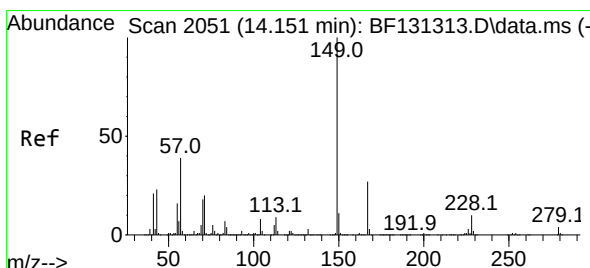
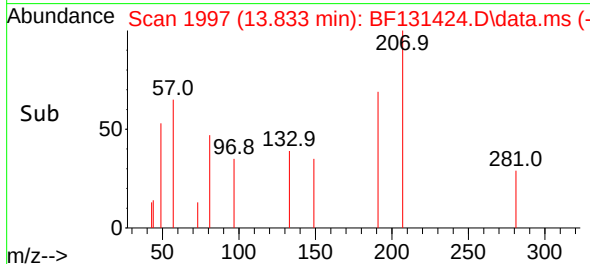
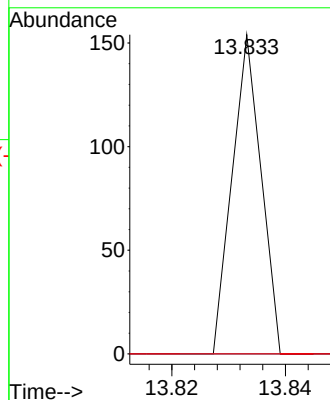
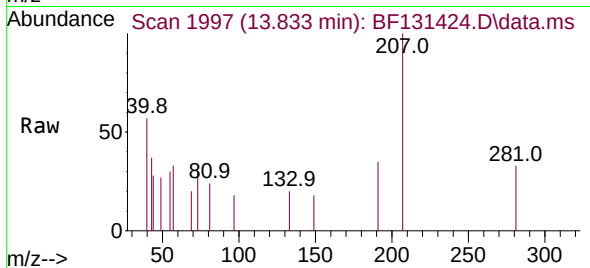
Instrument :

BNA_F

ClientSampleId :

CR-2

Tgt Ion:	149	Resp:	54
Ion	Ratio	Lower	Upper
149	100		
91	0.0	61.9	92.9#
206	0.0	16.5	24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.842 ng

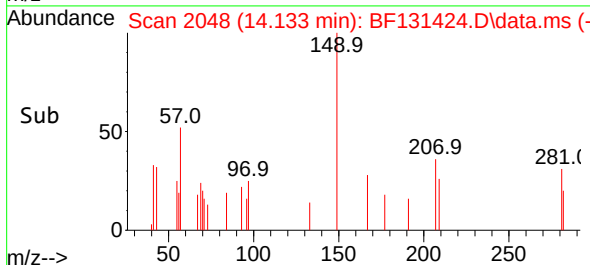
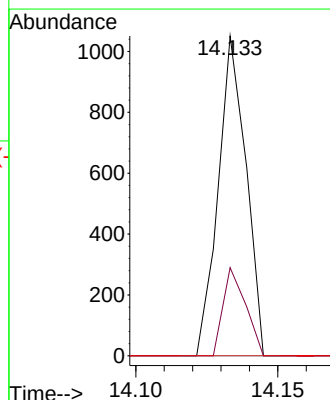
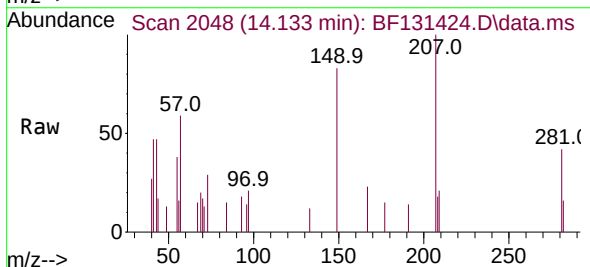
RT: 14.133 min Scan# 2048

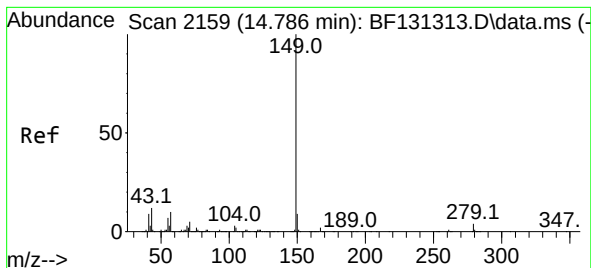
Delta R.T. -0.006 min

Lab File: BF131424.D

Acq: 28 Nov 2022 11:55

Tgt Ion:	149	Resp:	713
Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.9	32.9
279	0.0	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 3.974 ng

RT: 14.763 min Scan# 2155

Delta R.T. -0.000 min

Lab File: BF131424.D

Acq: 28 Nov 2022 11:55

Instrument :

BNA_F

ClientSampleId :

CR-2

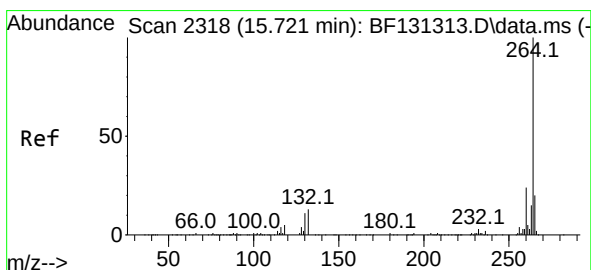
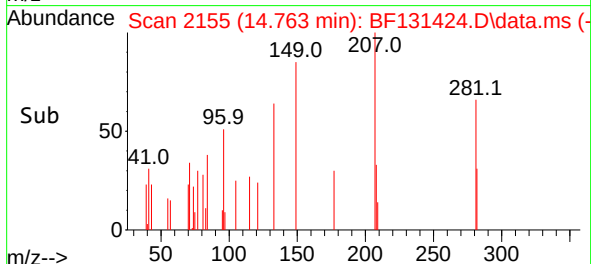
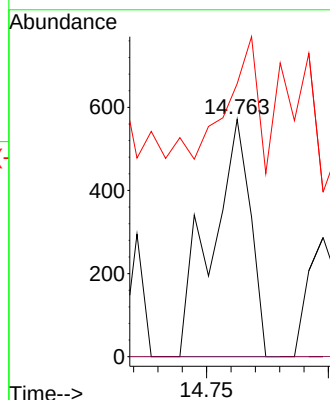
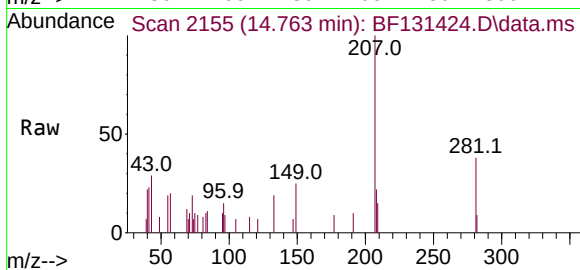
Tgt Ion:149 Resp: 633

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 47.4 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: BF131424.D

Acq: 28 Nov 2022 11:55

Tgt Ion:264 Resp: 152779

Ion Ratio Lower Upper

264 100

260 22.1 19.0 28.4

265 21.2 16.4 24.6

