

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131395.D
 Acq On : 25 Nov 2022 14:33
 Operator : CG\JU
 Sample : N5741-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

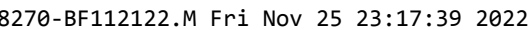
Instrument :
 BNA_F
 ClientSampleId :

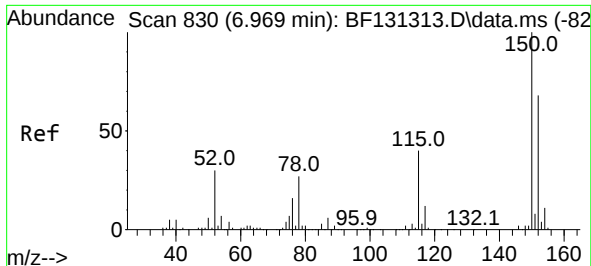
Quant Time: Nov 25 23:17:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	88611	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	314876	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	175963	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	295860	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	159213	20.000	ng	-0.01
86) Perylene-d12	15.704	264	174672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	261099	56.080	ng	0.00
7) Phenol-d6	6.563	99	196006	32.996	ng	-0.02
23) Nitrobenzene-d5	7.522	82	499745	80.004	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	208192	140.633	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	868291	71.788	ng	0.00
79) Terphenyl-d14	13.104	244	740379	76.044	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	1044	Below Cal	#	1
10) Phenol	6.575	94	20840	3.164	ng	96
18) Hexachloroethane	7.487	117	12438	5.443	ng	# 42
19) n-Nitroso-di-n-propyla...	7.522	70	79154	18.202	ng	# 76
22) Acetophenone	7.345	105	18256	2.278	ng	# 57
25) Isophorone	7.522	82	496758	44.575	ng	# 68
32) Benzoic acid	8.016	122	72	5.158	ng	# 23
54) 2,4-Dinitrophenol	10.316	184	94	5.011	ng	# 64
57) 2,4-Dinitrotoluene	10.010	165	22916	7.428	ng	# 20
63) Azobenzene	10.728	77	28722	2.308	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.633	198	72	4.636	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	13967	3.852	ng	# 1
77) Benzidine	13.104	184	10213	3.473	ng	# 92
80) Butylbenzylphthalate	13.580	149	788	4.296	ng	# 59
84) Bis(2-ethylhexyl)phtha...	14.139	149	1597	3.984	ng	# 82
85) Di-n-octyl phthalate	14.769	149	555	3.973	ng	# 1

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

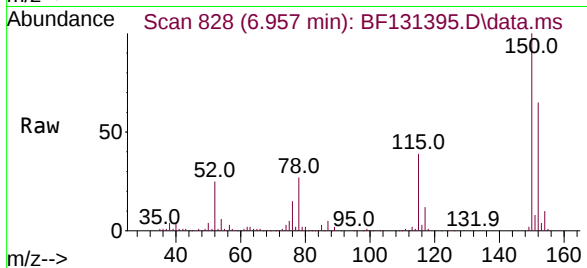
Quant Time: Nov 25 23:17:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 23:13:01 2022
Response via : Initial Calibration



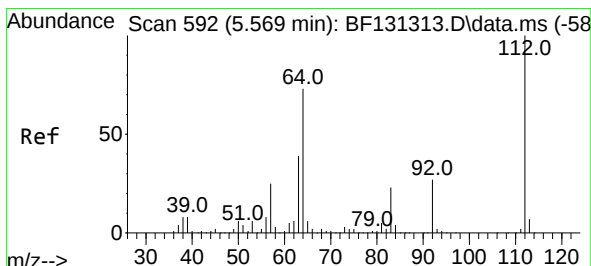
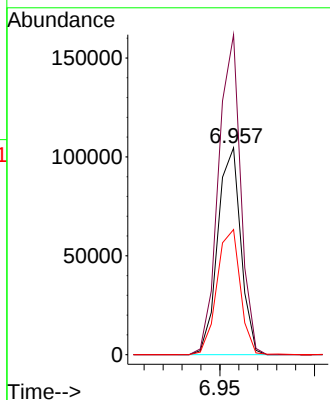
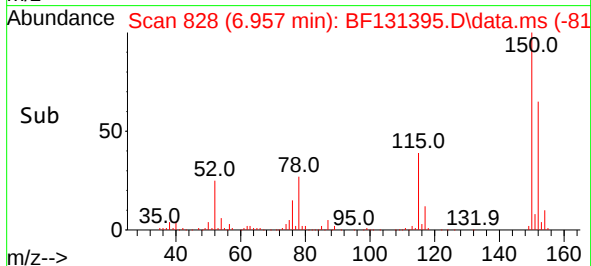


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131395.D
 Acq: 25 Nov 2022 14:33

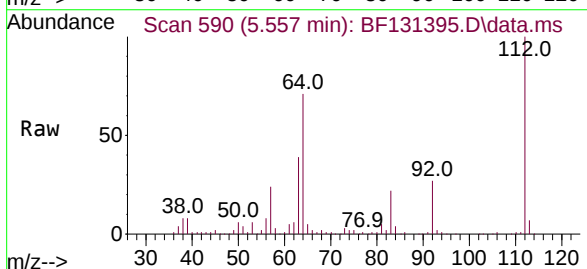
Instrument :
 BNA_F
 ClientSampleId :



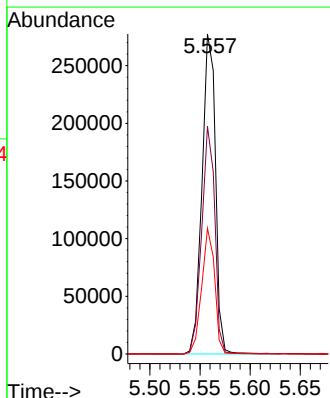
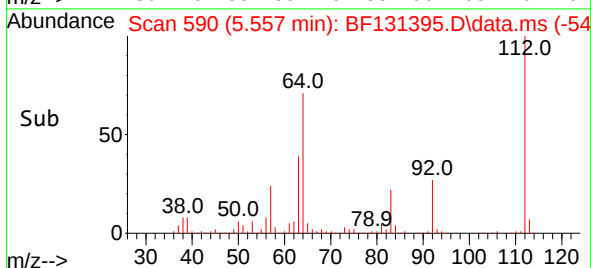
Tgt Ion:152 Resp: 88611
 Ion Ratio Lower Upper
 152 100
 150 154.7 117.8 176.8
 115 60.5 47.1 70.7

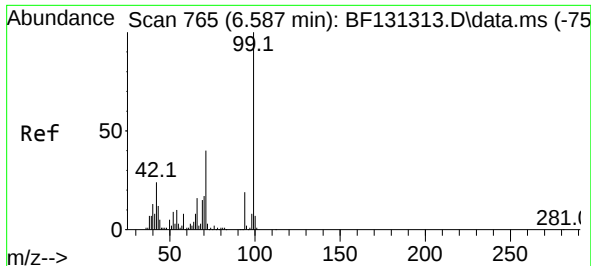


#5
 2-Fluorophenol
 Concen: 56.080 ng
 RT: 5.557 min Scan# 590
 Delta R.T. -0.006 min
 Lab File: BF131395.D
 Acq: 25 Nov 2022 14:33



Tgt Ion:112 Resp: 261099
 Ion Ratio Lower Upper
 112 100
 64 71.1 58.6 88.0
 63 39.3 31.4 47.0

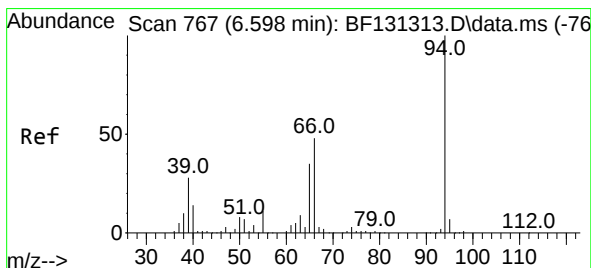
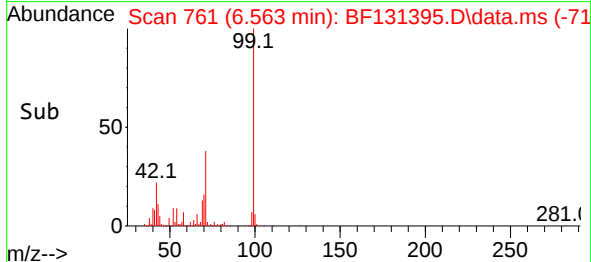
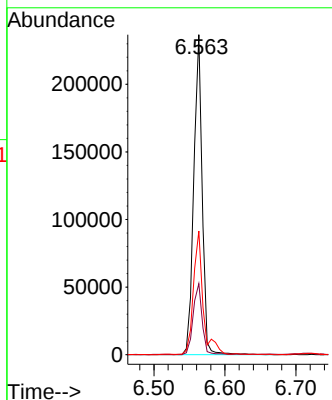
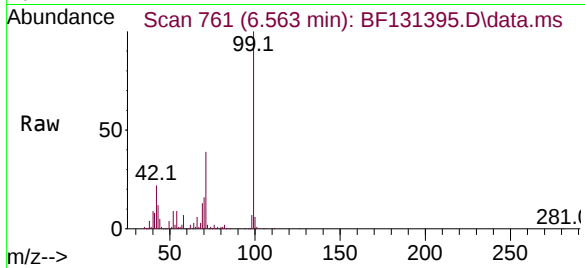




#7
Phenol-d6
Concen: 32.996 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

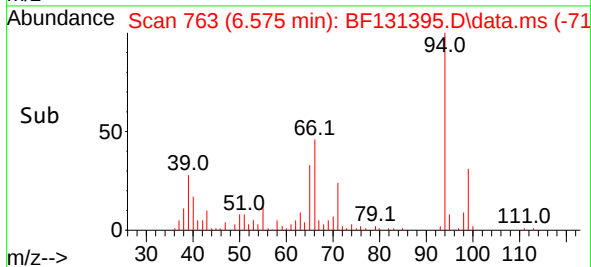
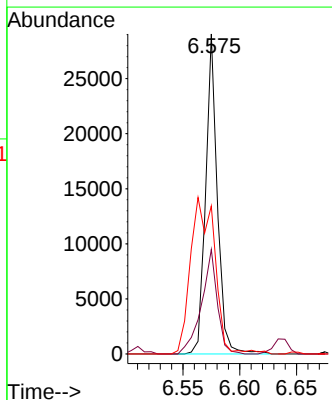
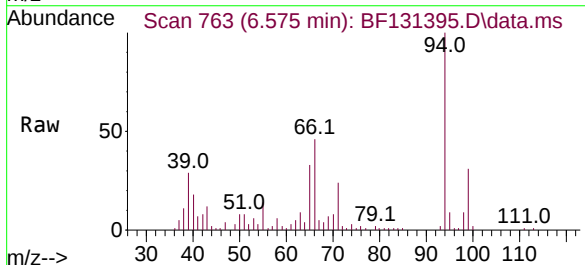
Instrument :
BNA_F
ClientSampleId :

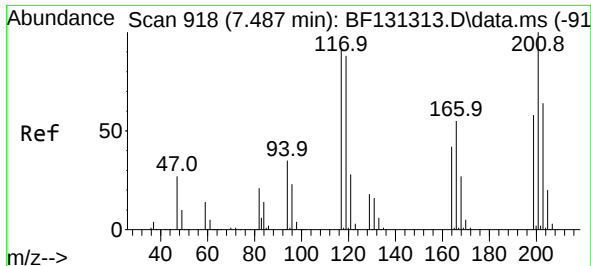
Tgt Ion: 99 Resp: 196006
Ion Ratio Lower Upper
99 100
42 22.2 19.4 29.2
71 38.6 32.3 48.5



#10
Phenol
Concen: 3.164 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.017 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

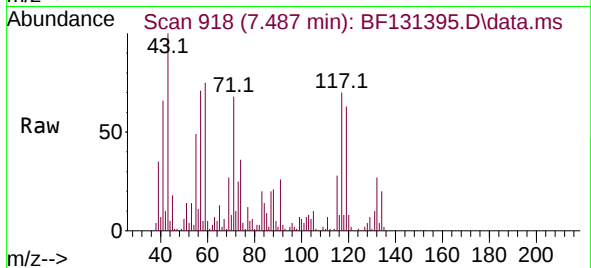
Tgt Ion: 94 Resp: 20840
Ion Ratio Lower Upper
94 100
65 32.6 15.0 55.0
66 46.2 28.6 68.6



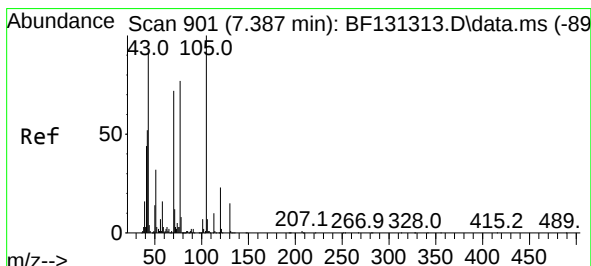
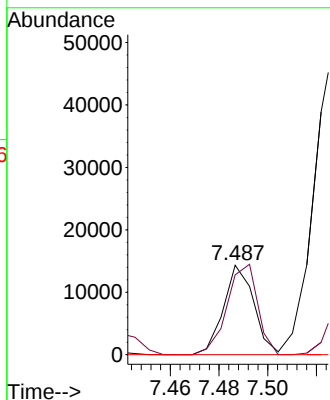
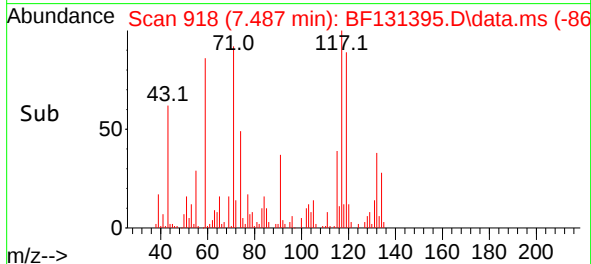


#18
Hexachloroethane
Concen: 5.443 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.012 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

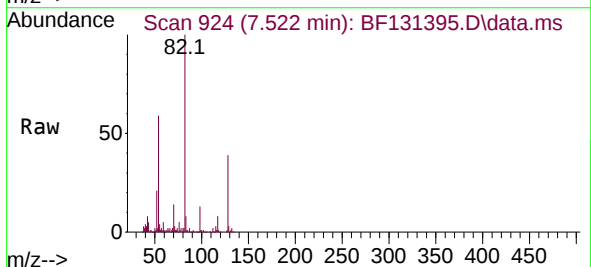
Instrument :
BNA_F
ClientSampleId :



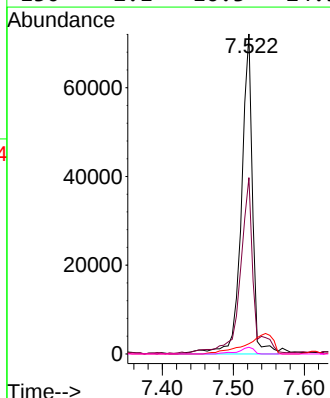
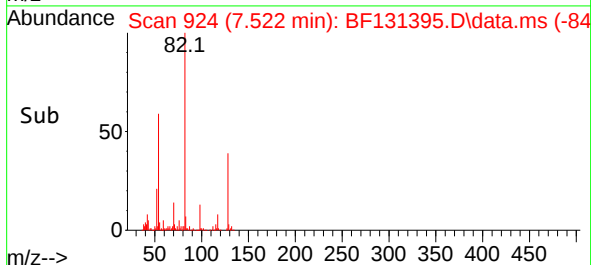
Tgt Ion:117 Resp: 12438
Ion Ratio Lower Upper
117 100
119 89.3 76.6 115.0
201 0.0 87.0 130.6#

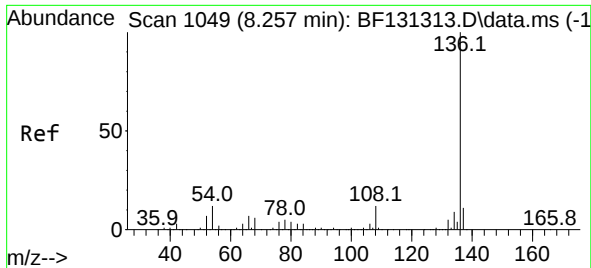


#19
n-Nitroso-di-n-propylamine
Concen: 18.202 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33



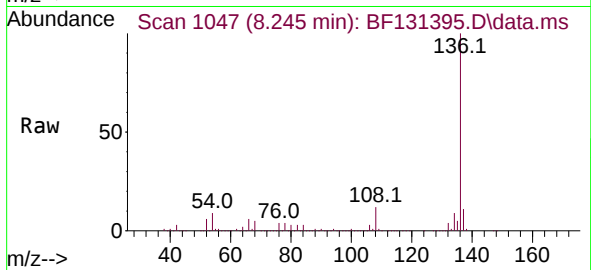
Tgt Ion: 70 Resp: 79154
Ion Ratio Lower Upper
70 100
42 55.1 57.6 86.4#
101 3.2 8.2 12.2#
130 2.1 16.3 24.5#



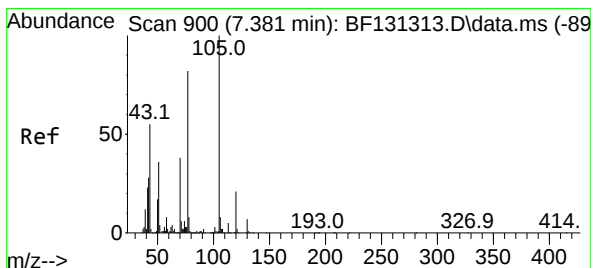
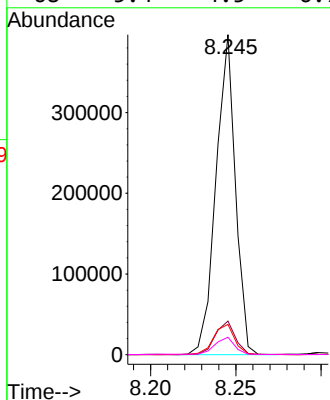
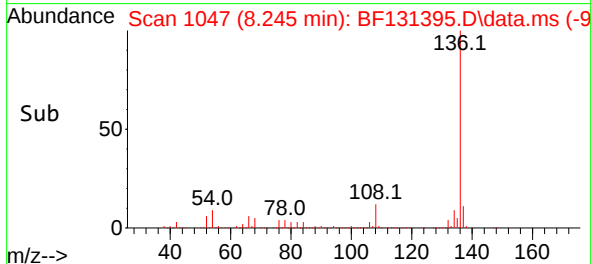


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

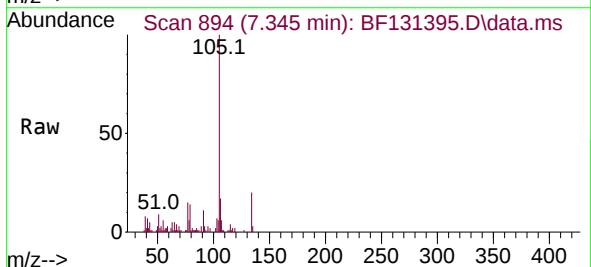
Instrument :
BNA_F
ClientSampleId :



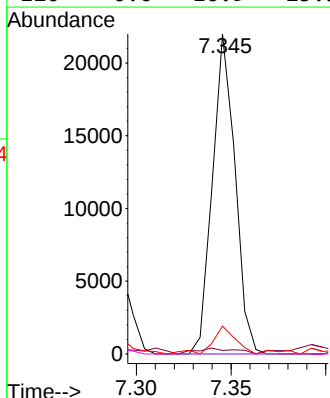
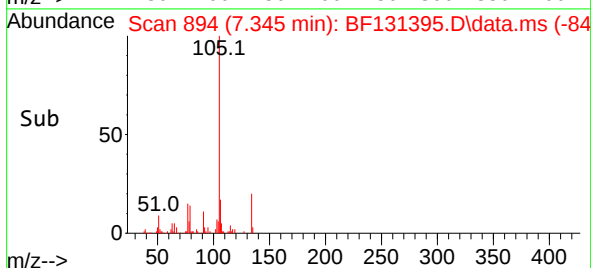
Tgt Ion:136 Resp: 314876
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.4 9.4 14.0
68 5.4 4.5 6.7

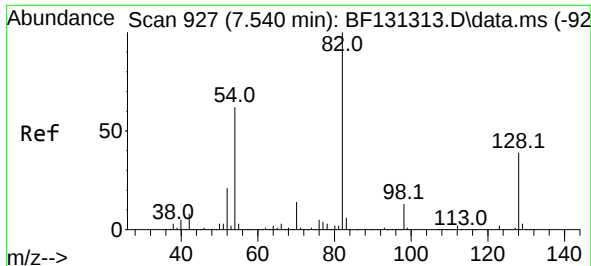


#22
Acetophenone
Concen: 2.278 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.029 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33



Tgt Ion:105 Resp: 18256
Ion Ratio Lower Upper
105 100
71 1.1 4.9 7.3#
51 8.7 29.0 43.4#
120 0.0 16.9 25.3#

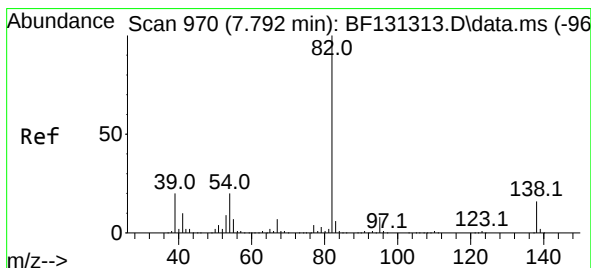
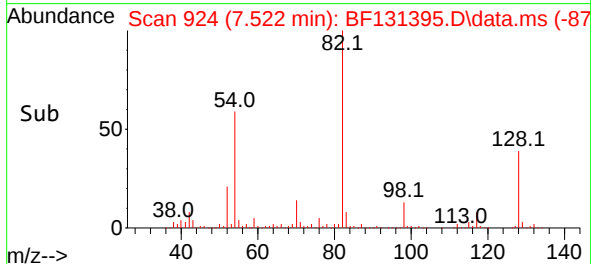
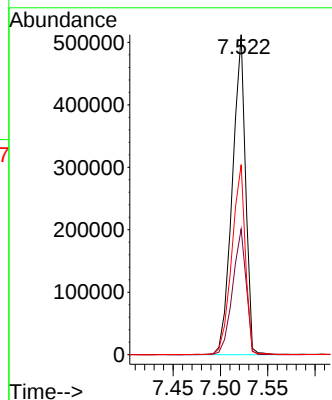
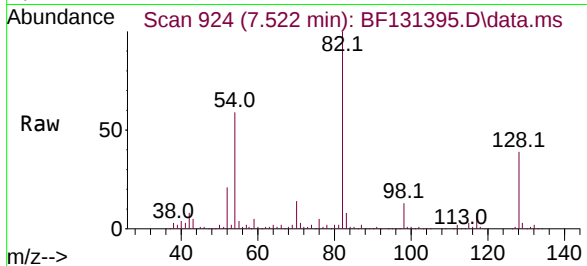




#23
Nitrobenzene-d5
Concen: 80.004 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

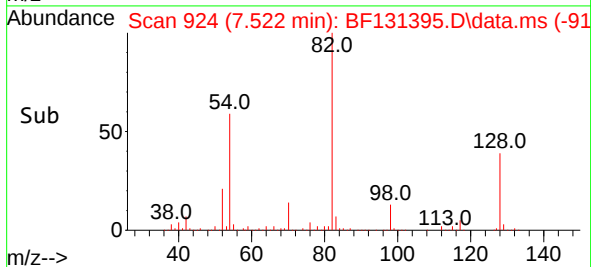
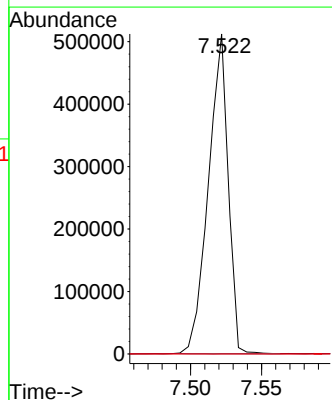
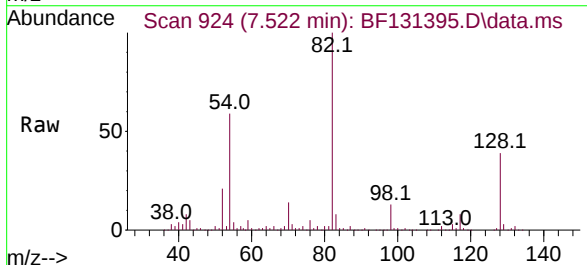
Instrument :
BNA_F
ClientSampleId :

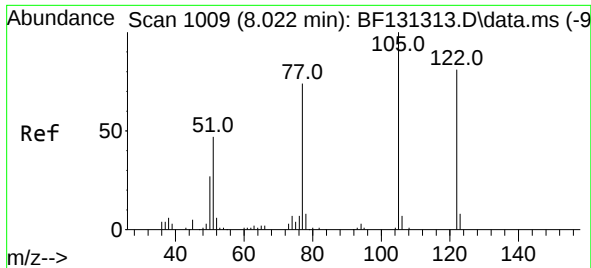
Tgt Ion: 82 Resp: 499745
Ion Ratio Lower Upper
82 100
128 39.3 31.4 47.0
54 59.4 49.8 74.6



#25
Isophorone
Concen: 44.575 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

Tgt Ion: 82 Resp: 496758
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 12.7 19.1#

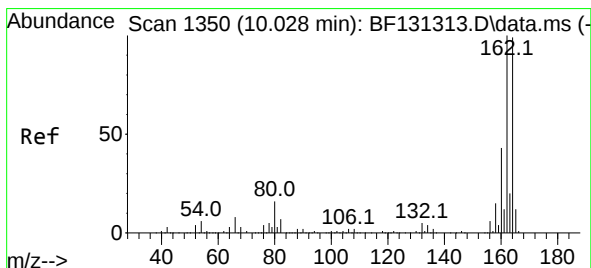
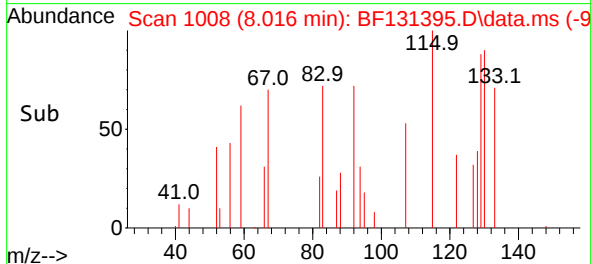
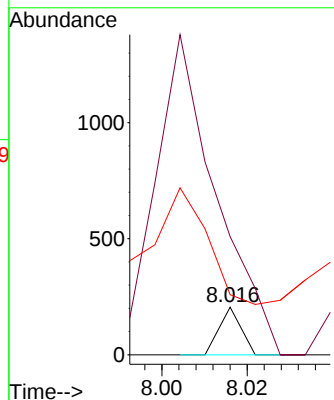
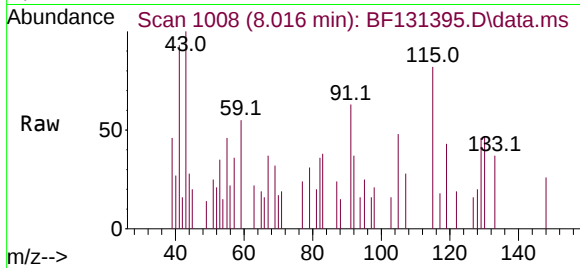




#32
Benzoic acid
Concen: 5.158 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

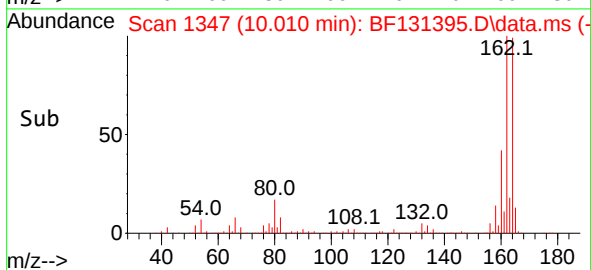
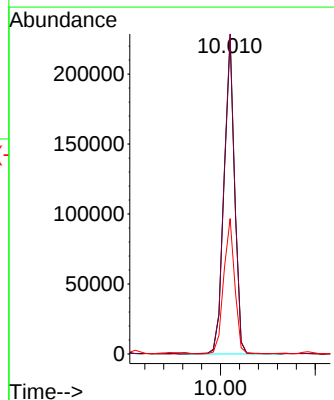
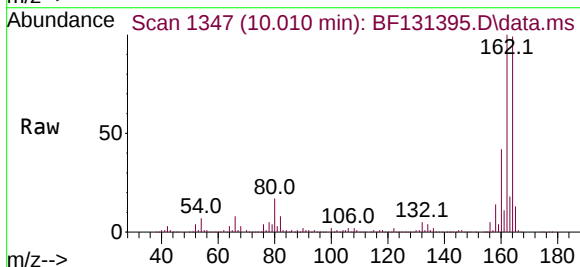
Instrument :
BNA_F
ClientSampleId :

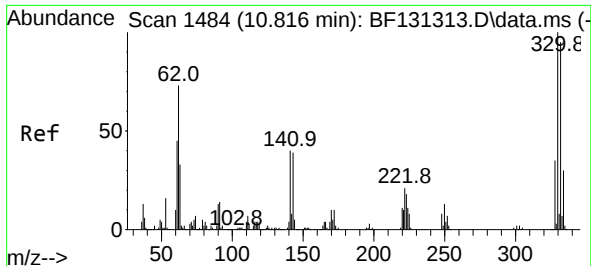
Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 248.3 103.8 143.8#
77 126.3 74.3 114.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

Tgt Ion:164 Resp: 175963
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 42.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 140.633 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

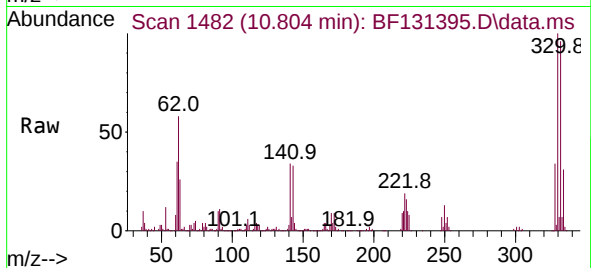
Lab File: BF131395.D

Acq: 25 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :



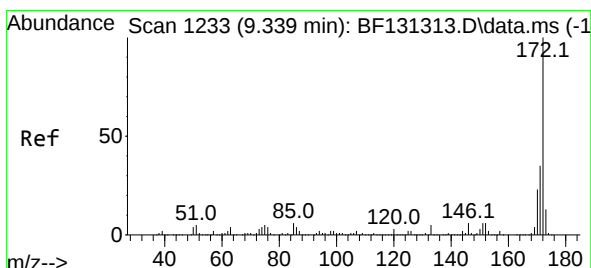
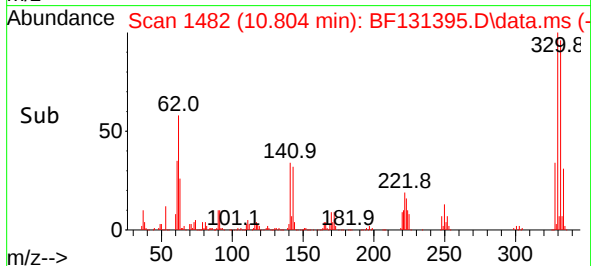
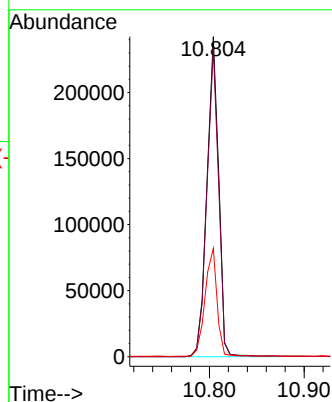
Tgt Ion:330 Resp: 208192

Ion Ratio Lower Upper

330 100

332 96.0 77.5 116.3

141 34.8 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 71.788 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF131395.D

Acq: 25 Nov 2022 14:33

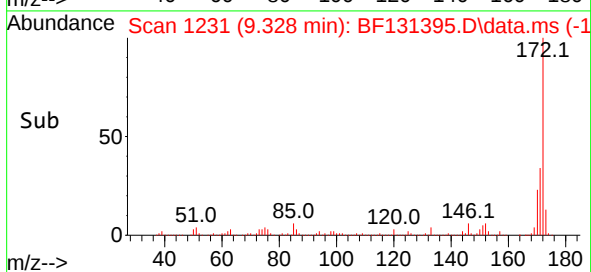
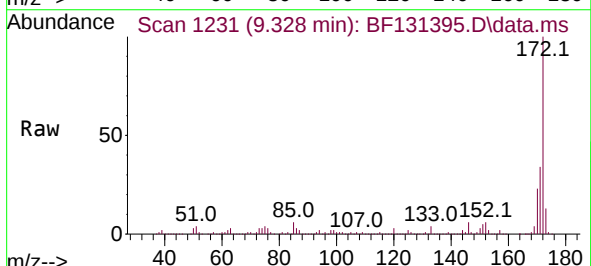
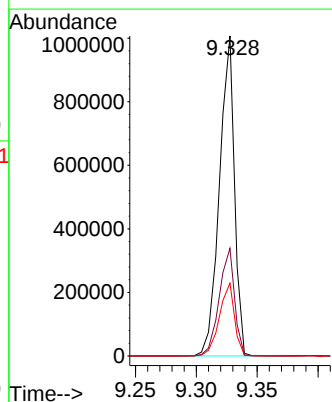
Tgt Ion:172 Resp: 868291

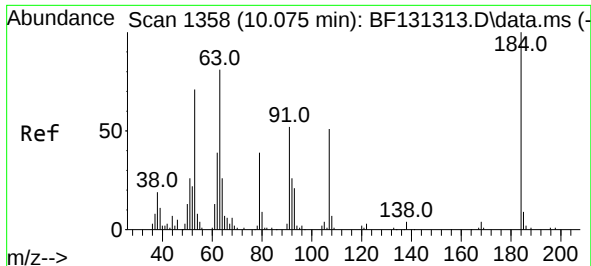
Ion Ratio Lower Upper

172 100

171 33.7 28.2 42.2

170 22.7 18.7 28.1

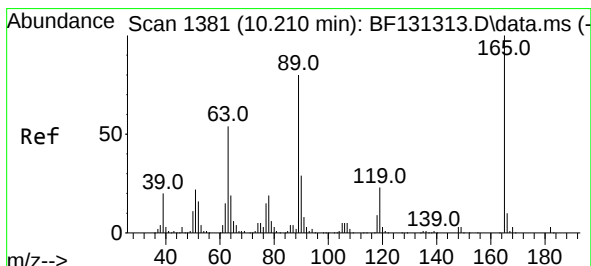
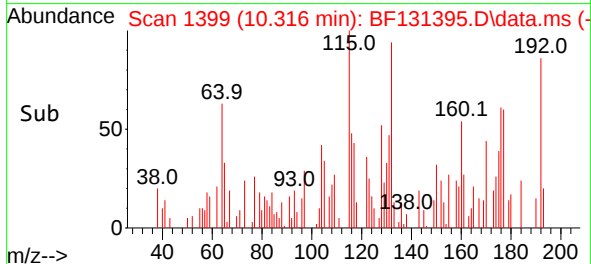
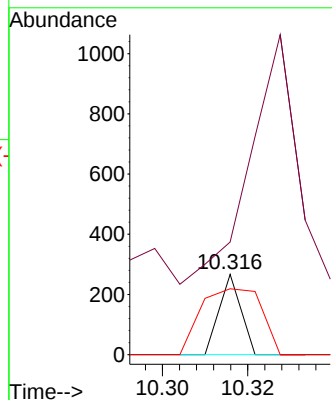
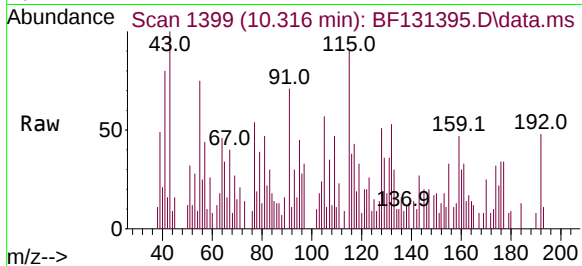




#54
2,4-Dinitrophenol
Concen: 5.011 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.241 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

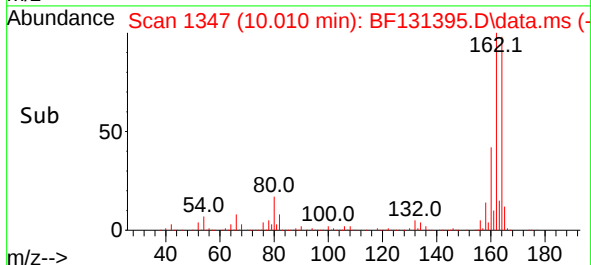
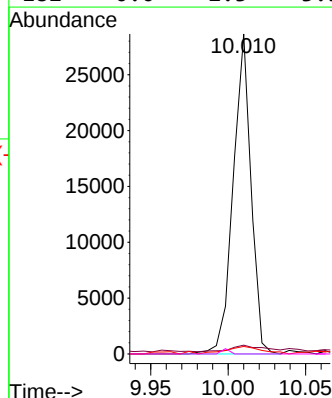
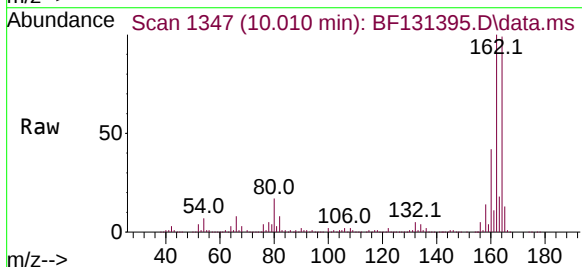
Instrument :
BNA_F
ClientSampleId :

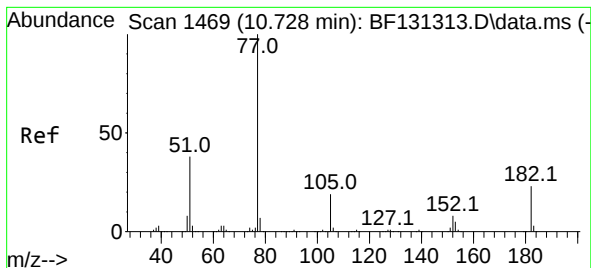
Tgt Ion:184 Resp: 94
Ion Ratio Lower Upper
184 100
63 140.1 72.1 108.1#
154 82.0 56.3 84.5



#57
2,4-Dinitrotoluene
Concen: 7.428 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.194 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

Tgt Ion:165 Resp: 22916
Ion Ratio Lower Upper
165 100
63 2.8 43.4 65.2#
89 2.3 64.0 96.0#
182 0.0 2.3 3.5#





#63

Azobenzene

Concen: 2.308 ng

RT: 10.728 min Scan# 1469

Delta R.T. 0.006 min

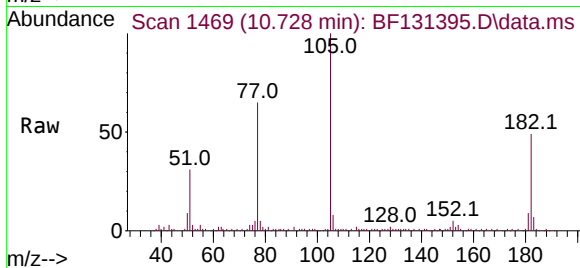
Lab File: BF131395.D

Acq: 25 Nov 2022 14:33

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 28722

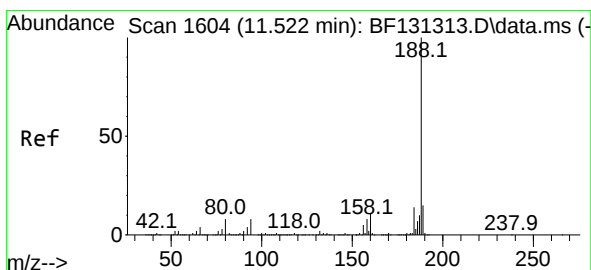
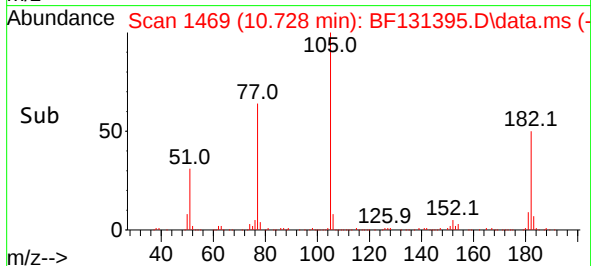
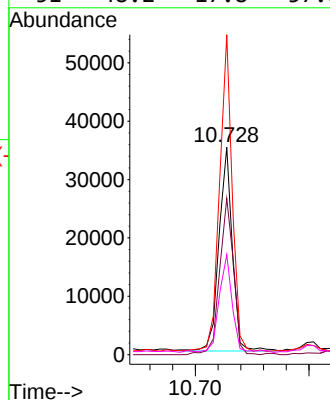
Ion Ratio Lower Upper

77 100

182 75.3 3.1 43.1#

105 154.1 0.0 39.2#

51 48.2 17.8 57.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1601

Delta R.T. -0.012 min

Lab File: BF131395.D

Acq: 25 Nov 2022 14:33

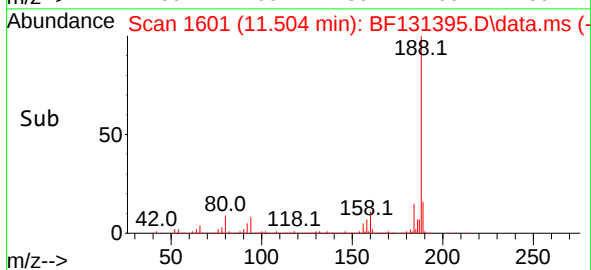
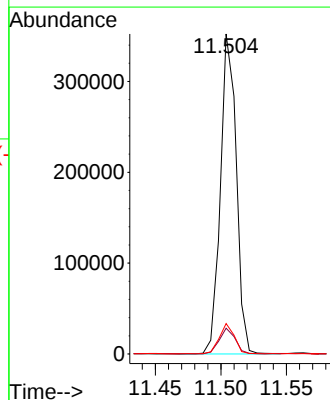
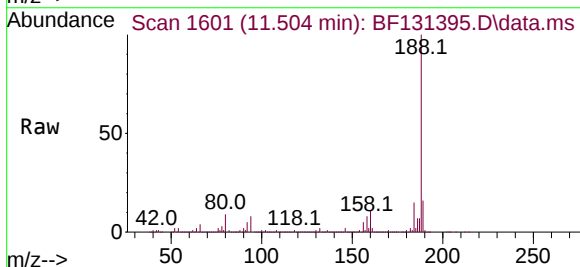
Tgt Ion: 188 Resp: 295860

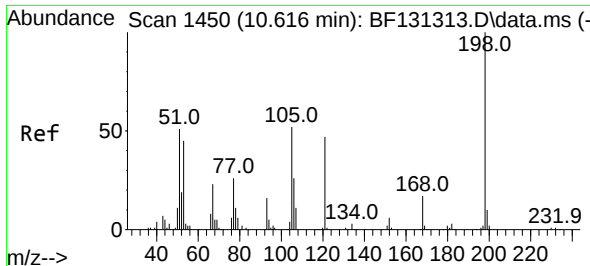
Ion Ratio Lower Upper

188 100

94 8.1 6.3 9.5

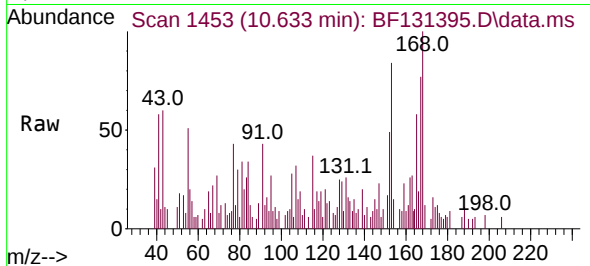
80 9.5 6.8 10.2



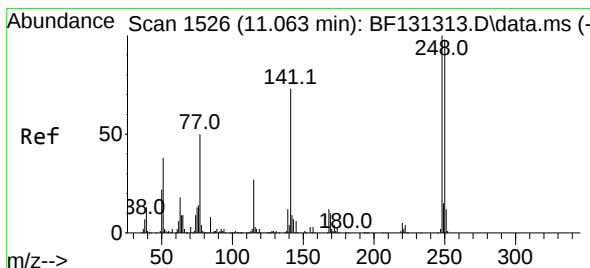
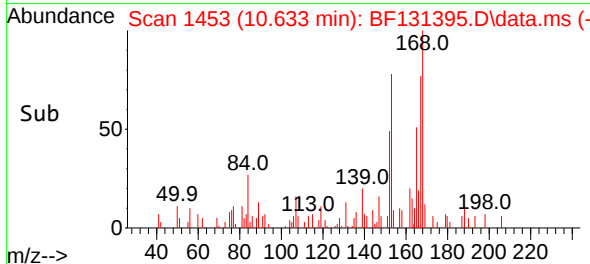
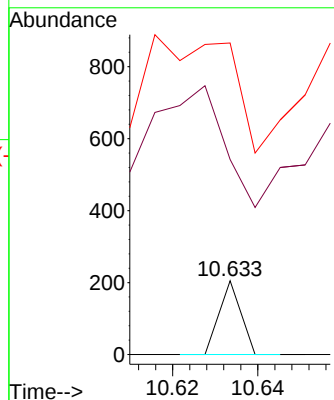


#65
4,6-Dinitro-2-methylphenol
Concen: 4.636 ng
RT: 10.633 min Scan# 1450
Delta R.T. 0.024 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

Instrument :
BNA_F
ClientSampleId :

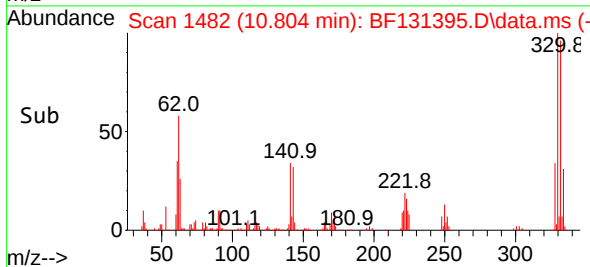
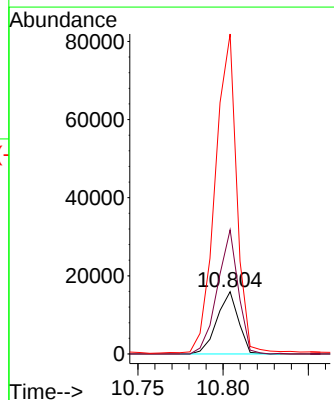
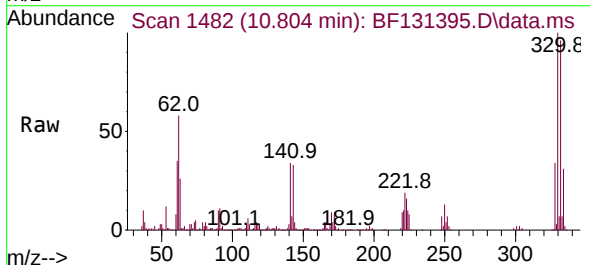


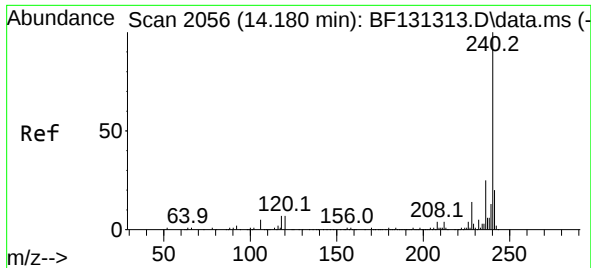
Tgt Ion:198 Resp: 72
Ion Ratio Lower Upper
198 100
51 264.4 50.1 90.1#
105 422.4 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.852 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

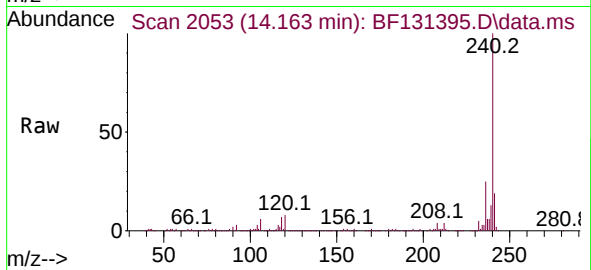
Tgt Ion:248 Resp: 13967
Ion Ratio Lower Upper
248 100
250 199.2 78.3 117.5#
141 513.5 58.0 87.0#



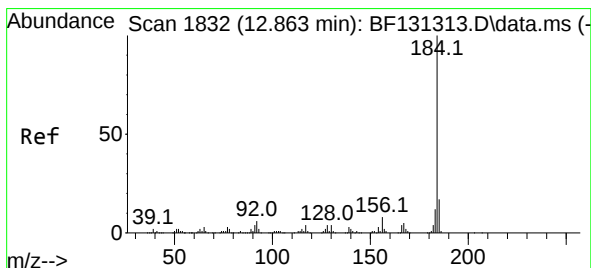
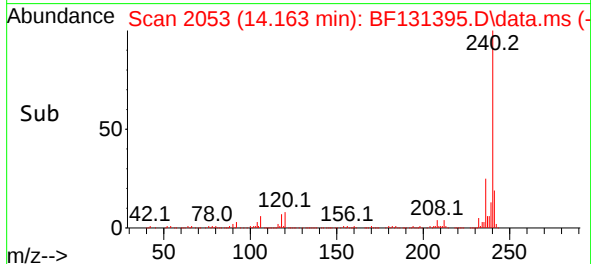
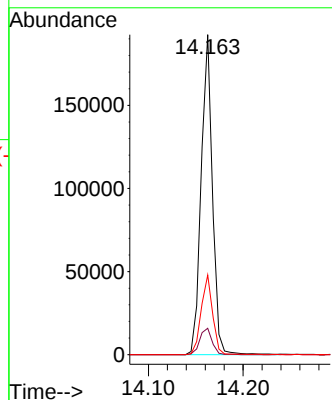


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

Instrument :
BNA_F
ClientSampleId :

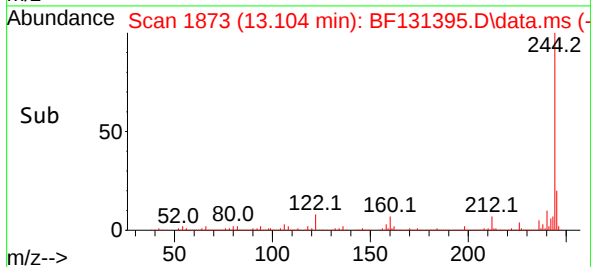
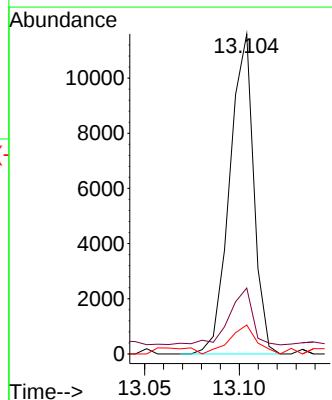
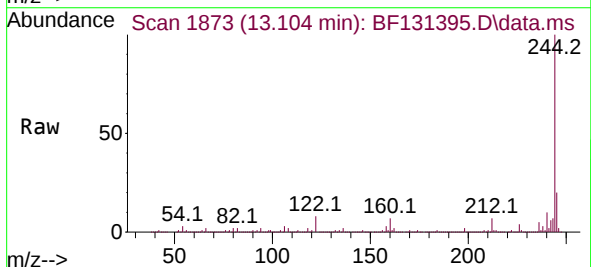


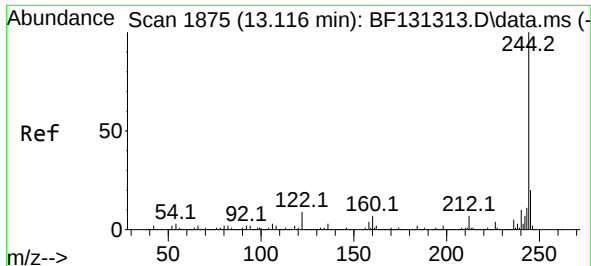
Tgt Ion:240 Resp: 159213
Ion Ratio Lower Upper
240 100
120 8.2 5.8 8.8
236 24.9 20.3 30.5



#77
Benzidine
Concen: 3.473 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.247 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

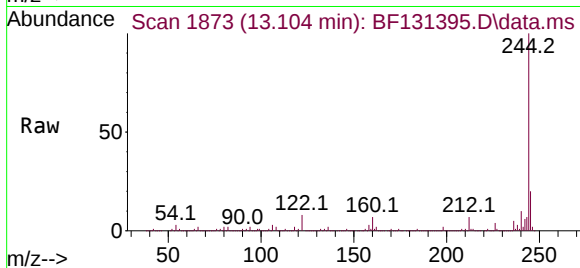
Tgt Ion:184 Resp: 10213
Ion Ratio Lower Upper
184 100
185 20.6 13.8 20.8
183 9.1 9.6 14.4#



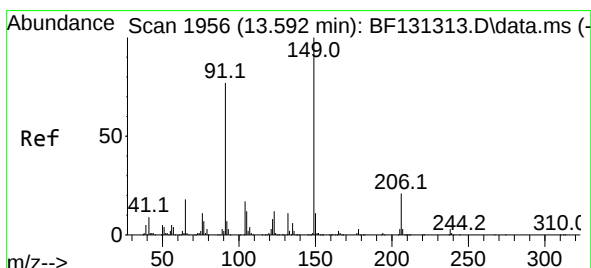
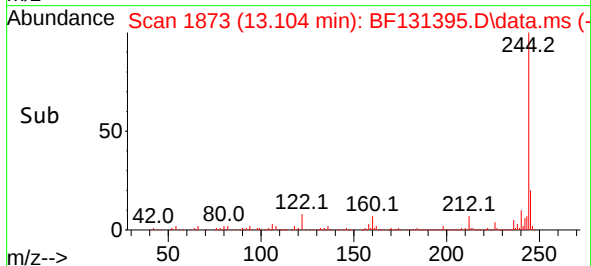
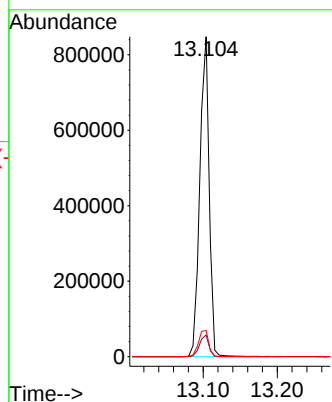


#79
 Terphenyl-d14
 Concen: 76.044 ng
 RT: 13.104 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131395.D
 Acq: 25 Nov 2022 14:33

Instrument :
 BNA_F
 ClientSampleId :

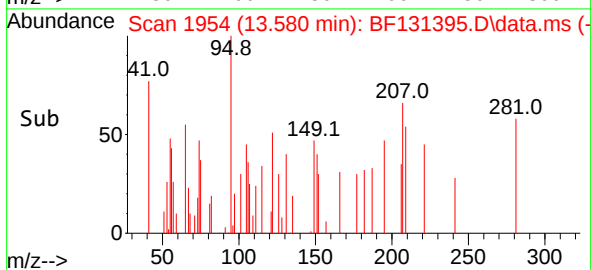
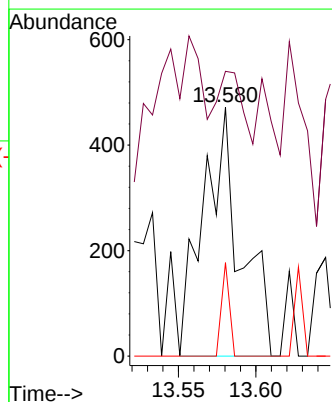
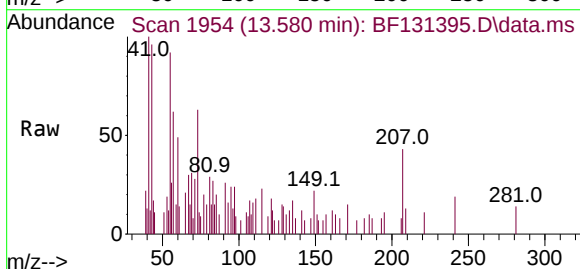


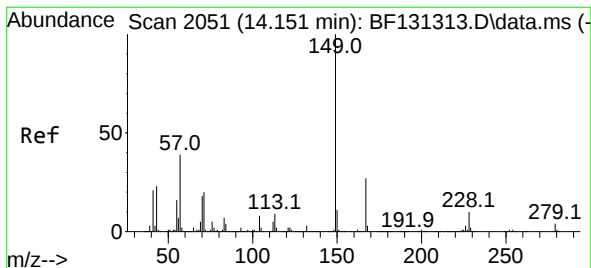
Tgt Ion:244 Resp: 740379
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.2 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.296 ng
 RT: 13.580 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: BF131395.D
 Acq: 25 Nov 2022 14:33

Tgt Ion:149 Resp: 788
 Ion Ratio Lower Upper
 149 100
 91 114.4 61.9 92.9#
 206 37.5 16.5 24.7#

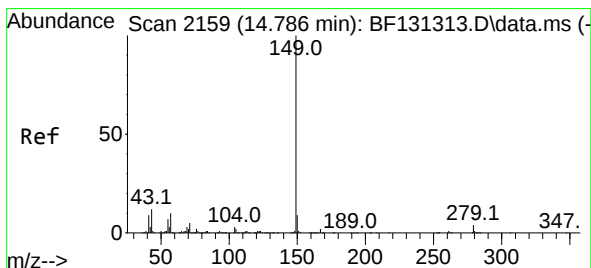
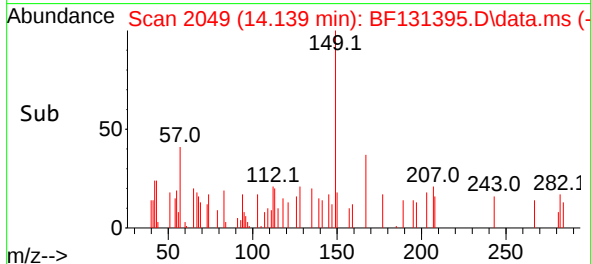
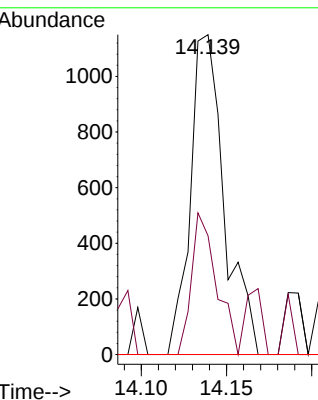
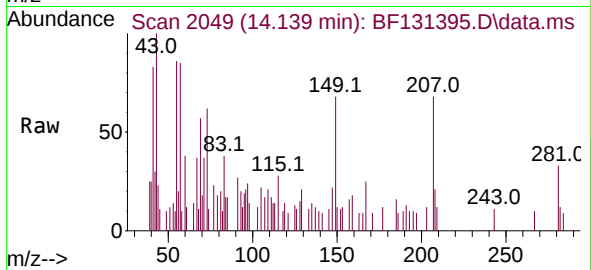




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.984 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

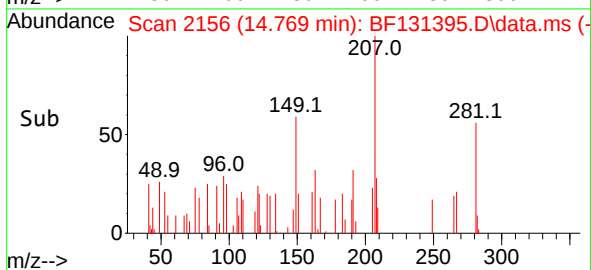
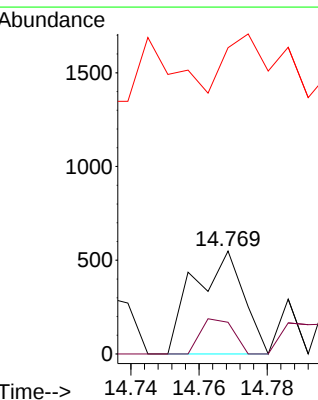
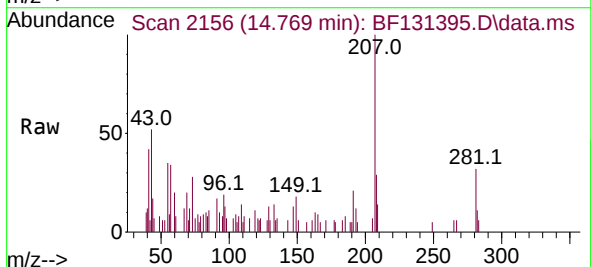
Instrument :
BNA_F
ClientSampleId :

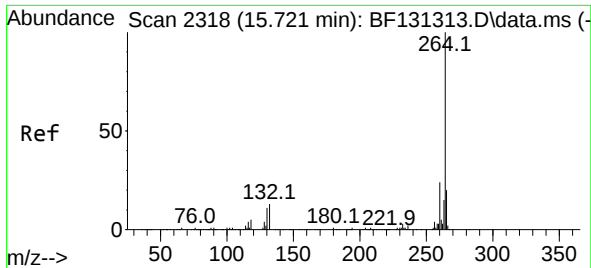
Tgt Ion:149 Resp: 1597
Ion Ratio Lower Upper
149 100
167 37.1 21.9 32.9#
279 0.0 3.0 4.4#



#85
Di-n-octyl phthalate
Concen: 3.973 ng
RT: 14.769 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BF131395.D
Acq: 25 Nov 2022 14:33

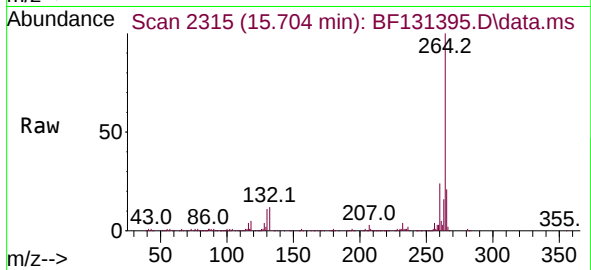
Tgt Ion:149 Resp: 555
Ion Ratio Lower Upper
149 100
167 22.7 1.2 1.8#
43 64.7 10.7 16.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.704 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131395.D
 Acq: 25 Nov 2022 14:33

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 174672
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 21.4 16.4 24.6

