

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131394.D
 Acq On : 25 Nov 2022 14:00
 Operator : CG\JU
 Sample : N5741-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 23:17:13 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)

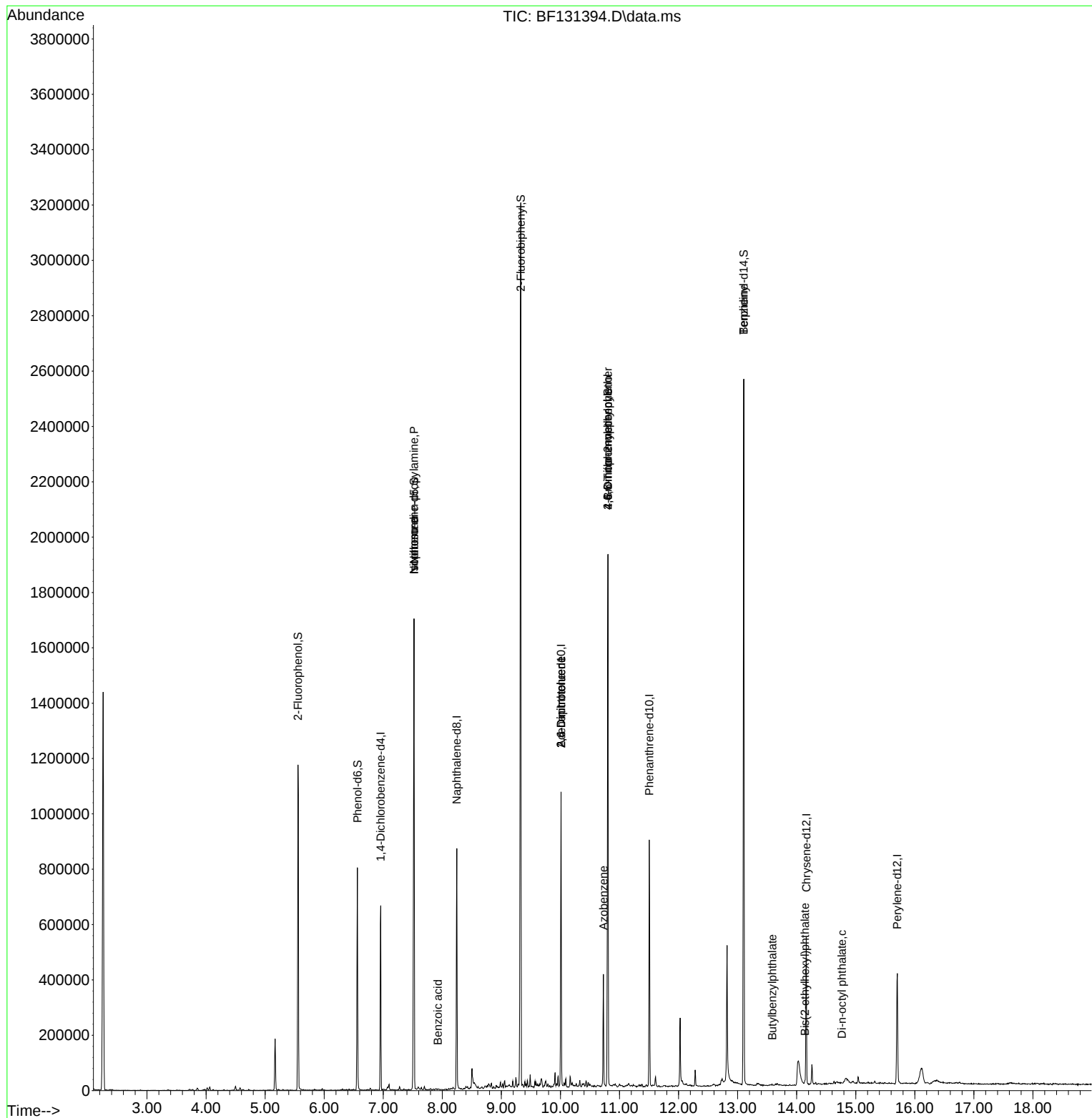
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	95871	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	339048	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	188983	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	316073	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	172101	20.000	ng	-0.01
86) Perylene-d12	15.704	264	189428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	289279	57.427	ng	0.00
7) Phenol-d6	6.563	99	217135	33.785	ng	-0.02
23) Nitrobenzene-d5	7.522	82	538011	79.990	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	208131	130.906	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	983290	75.695	ng	0.00
79) Terphenyl-d14	13.104	244	890880	84.649	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	129	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	7.522	70	74154	15.761	ng	# 76
25) Isophorone	7.522	82	536232	44.687	ng	# 68
32) Benzoic acid	7.928	122	59	5.150	ng	# 36
51) 2,6-Dinitrotoluene	10.010	165	24516	9.310	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	24516	7.400	ng	# 21
63) Azobenzene	10.727	77	65006	4.863	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.804	198	467	4.960	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	13900	3.588	ng	# 1
77) Benzidine	13.104	184	12221	3.844	ng	# 93
80) Butylbenzylphthalate	13.586	149	288	4.195	ng	# 57
84) Bis(2-ethylhexyl)phtha...	14.139	149	3071	4.166	ng	# 95
85) Di-n-octyl phthalate	14.768	149	459	3.956	ng	# 1

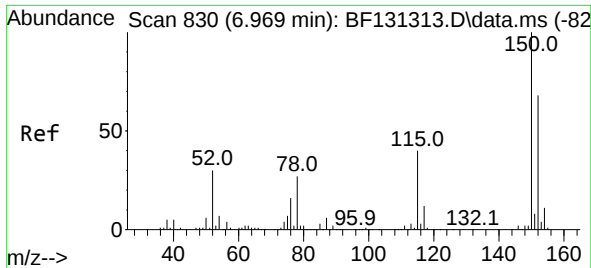
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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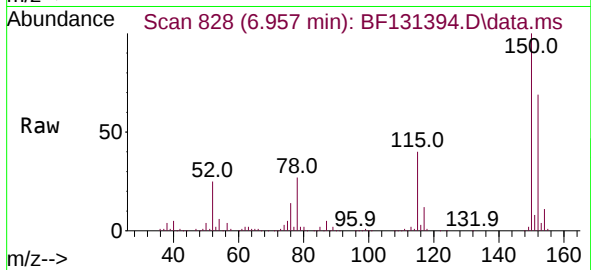
Quant Time: Nov 25 23:17:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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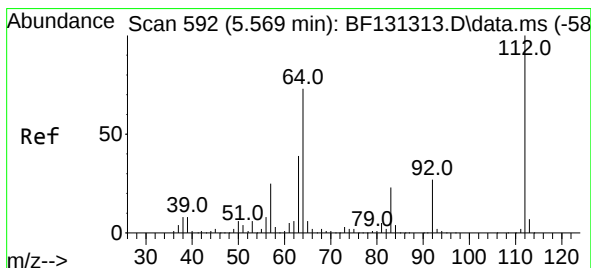
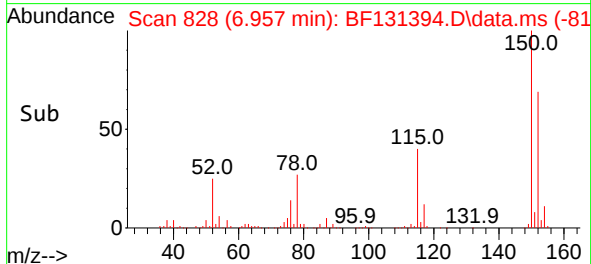
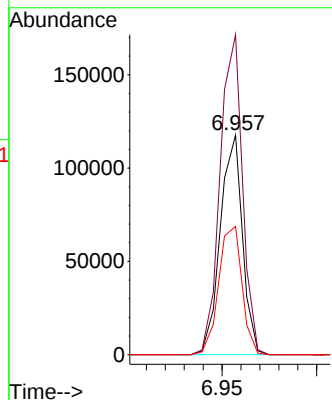


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

Instrument :
BNA_F
ClientSampleId :

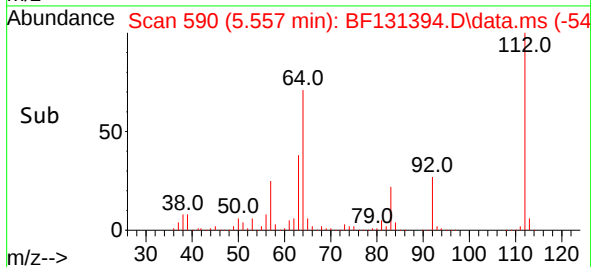
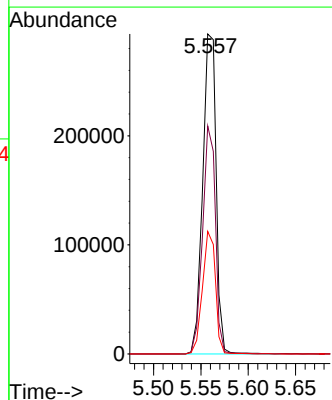
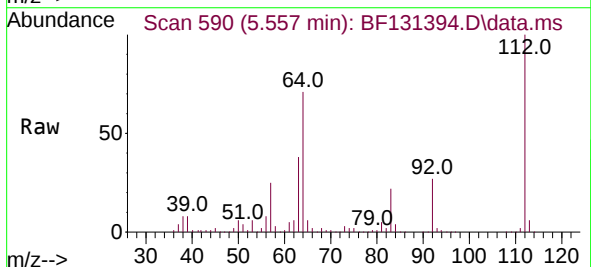


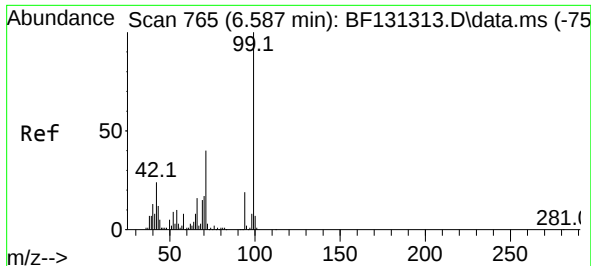
Tgt Ion:152 Resp: 95871
Ion Ratio Lower Upper
152 100
150 145.6 117.8 176.8
115 58.4 47.1 70.7



#5
2-Fluorophenol
Concen: 57.427 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.006 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

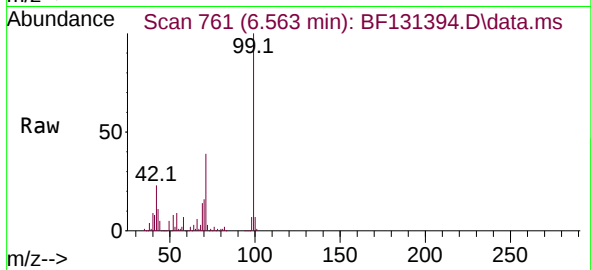
Tgt Ion:112 Resp: 289279
Ion Ratio Lower Upper
112 100
64 71.3 58.6 88.0
63 38.3 31.4 47.0



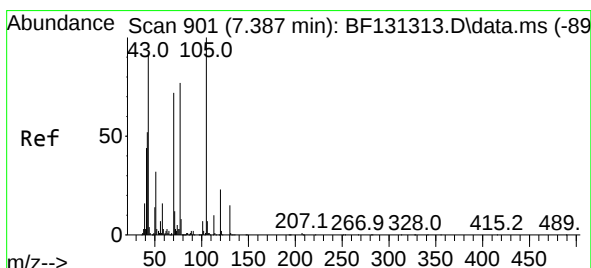
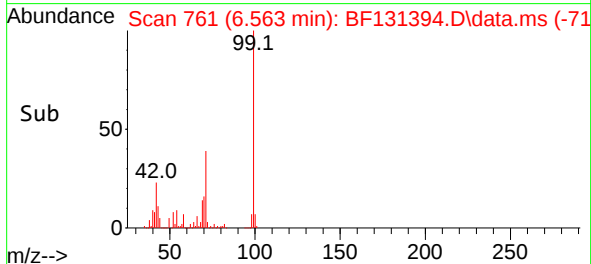
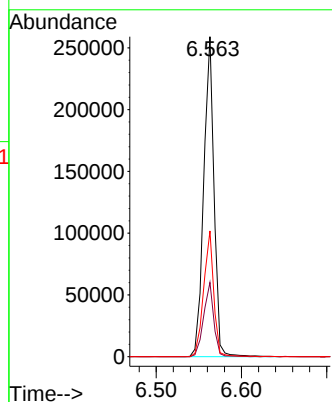


#7
Phenol-d6
Concen: 33.785 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

Instrument :
BNA_F
ClientSampleId :

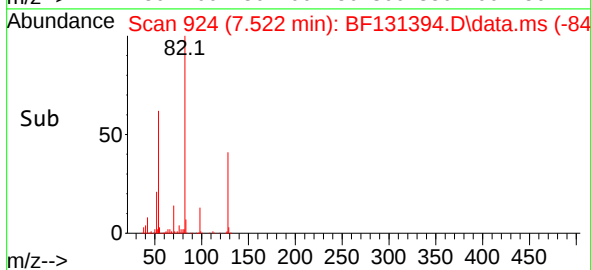
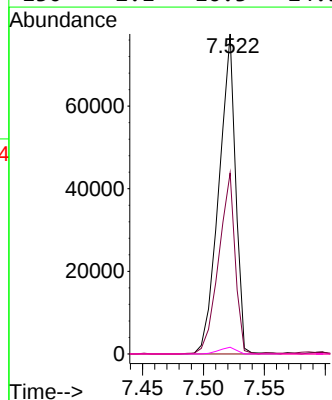
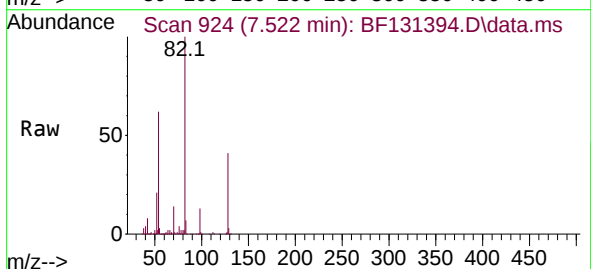


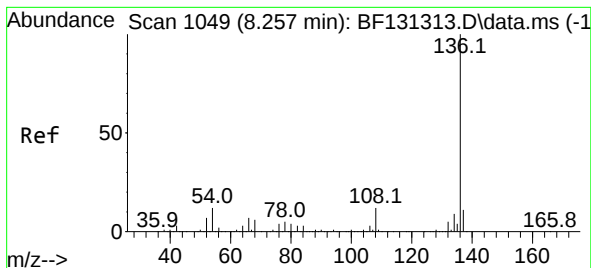
Tgt Ion: 99 Resp: 217135
Ion Ratio Lower Upper
99 100
42 23.2 19.4 29.2
71 39.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.761 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

Tgt Ion: 70 Resp: 74154
Ion Ratio Lower Upper
70 100
42 56.5 57.6 86.4#
101 0.0 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

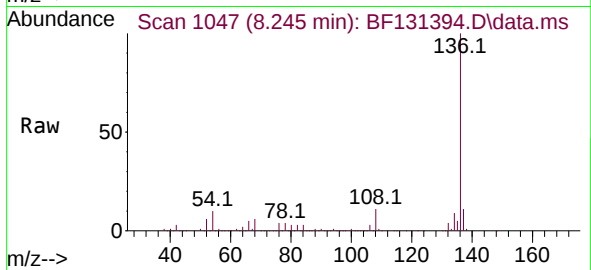
Lab File: BF131394.D

Acq: 25 Nov 2022 14:00

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 339048

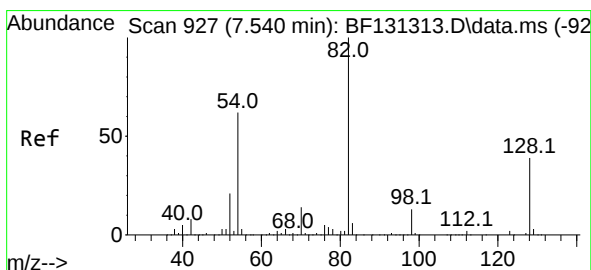
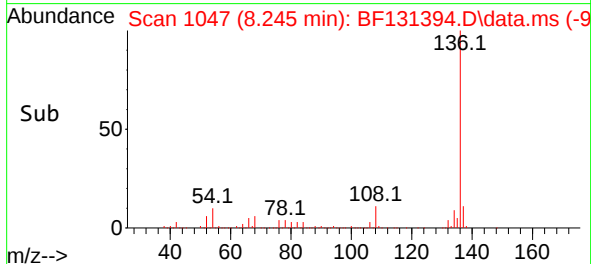
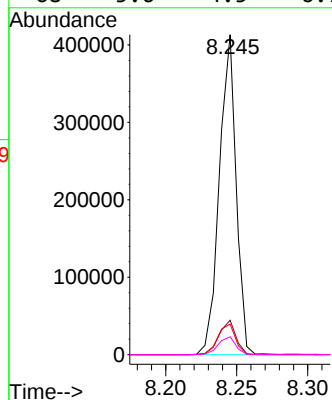
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 9.6 9.4 14.0

68 5.6 4.5 6.7



#23

Nitrobenzene-d5

Concen: 79.990 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.012 min

Lab File: BF131394.D

Acq: 25 Nov 2022 14:00

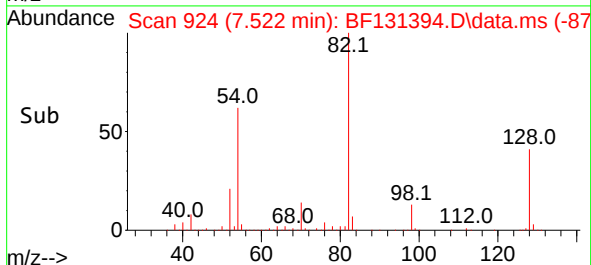
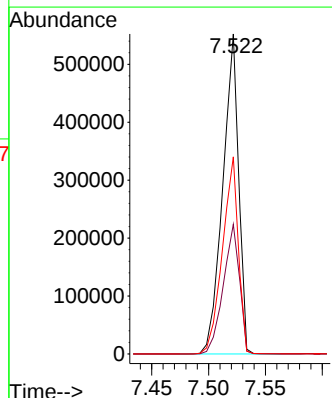
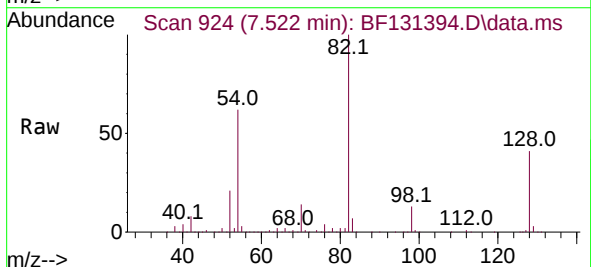
Tgt Ion: 82 Resp: 538011

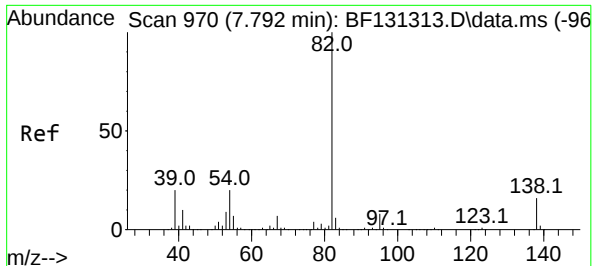
Ion Ratio Lower Upper

82 100

128 40.5 31.4 47.0

54 61.6 49.8 74.6

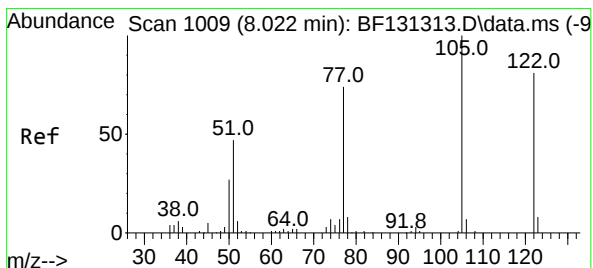
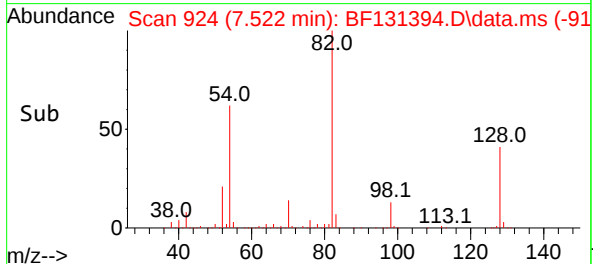
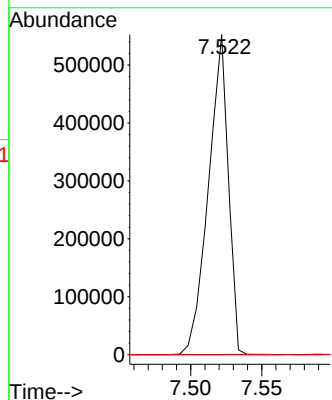
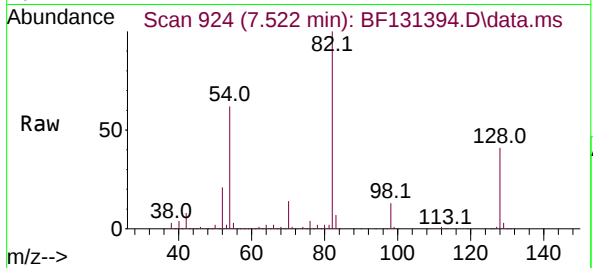




#25
Isophorone
Concen: 44.687 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

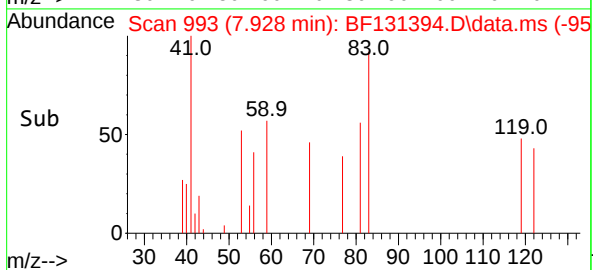
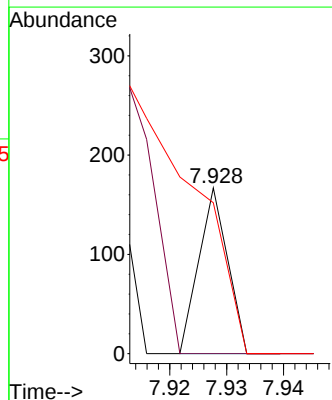
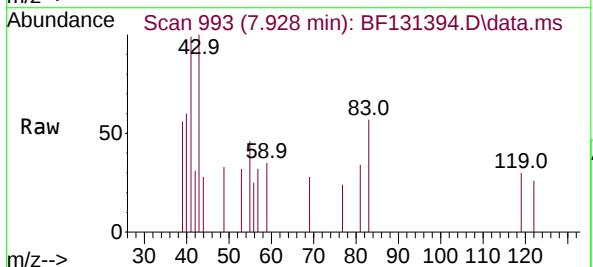
Instrument :
BNA_F
ClientSampleId :

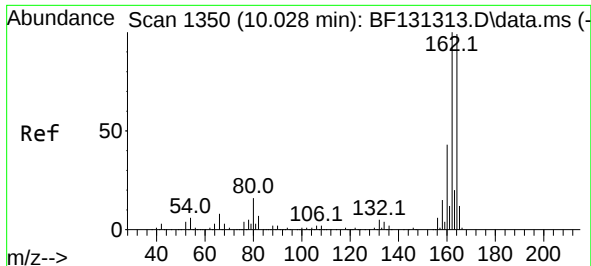
Tgt Ion: 82 Resp: 536232
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.150 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.082 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

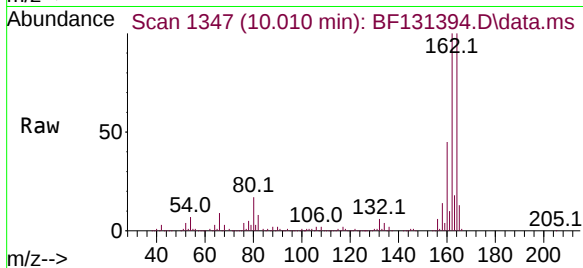
Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 91.0 74.3 114.3



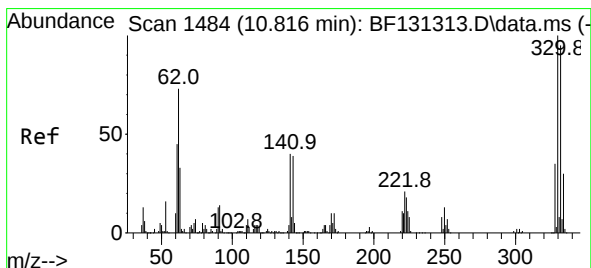
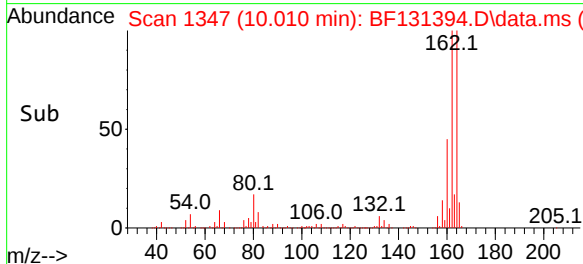
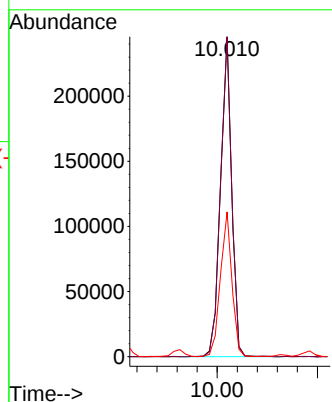


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

Instrument :
BNA_F
ClientSampleId :

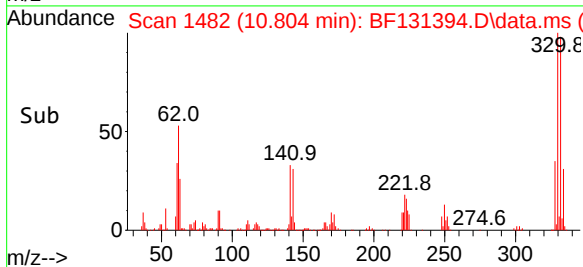
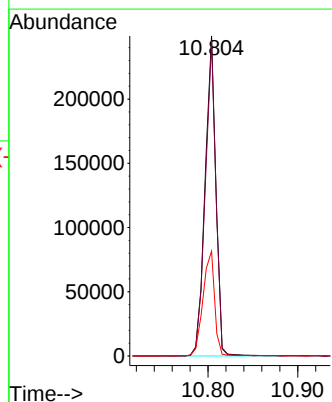
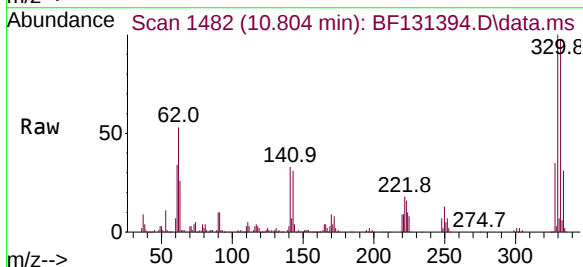


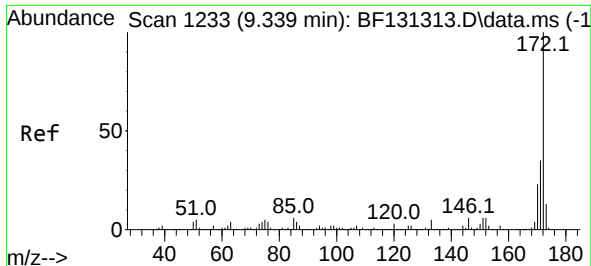
Tgt Ion:164 Resp: 188983
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 45.2 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 130.906 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

Tgt Ion:330 Resp: 208131
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 35.6 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 75.695 ng

RT: 9.328 min Scan# 11

Delta R.T. -0.006 min

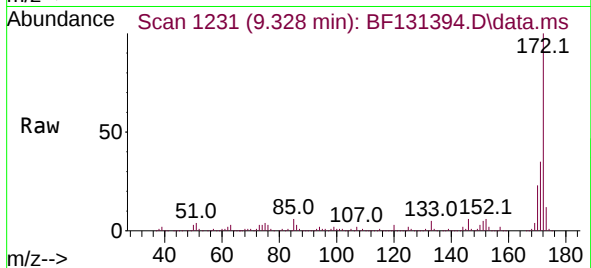
Lab File: BF131394.D

Acq: 25 Nov 2022 14:00

Instrument :

BNA_F

ClientSampleId :



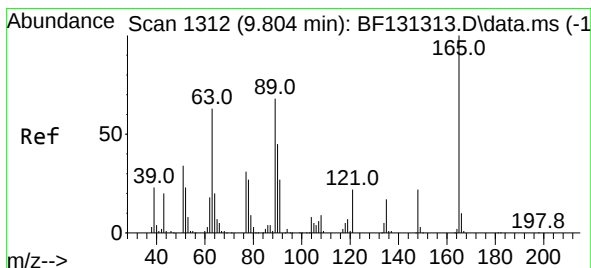
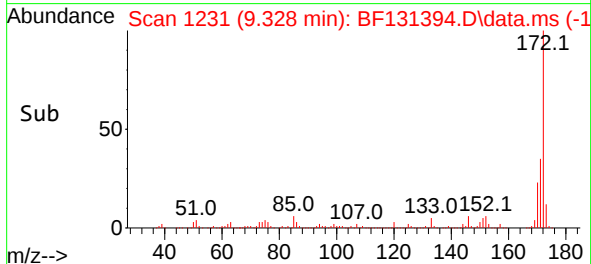
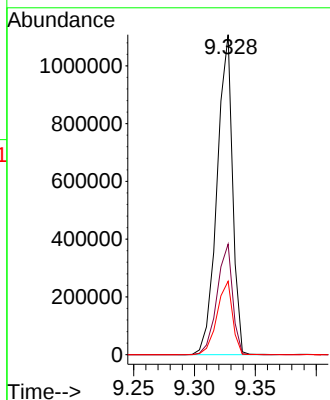
Tgt Ion:172 Resp: 983290

Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.2

170 22.9 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.310 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.212 min

Lab File: BF131394.D

Acq: 25 Nov 2022 14:00

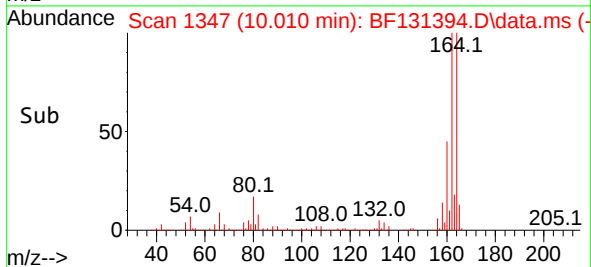
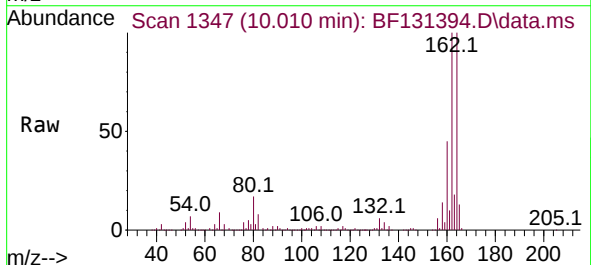
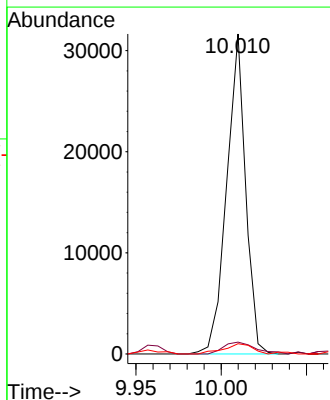
Tgt Ion:165 Resp: 24516

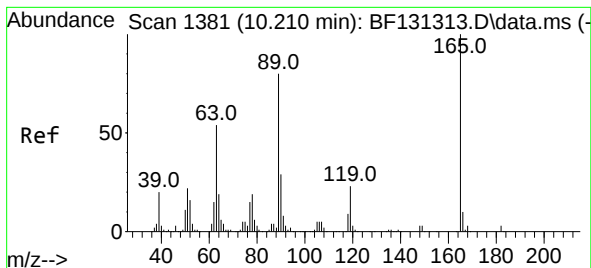
Ion Ratio Lower Upper

165 100

63 3.7 62.0 93.0#

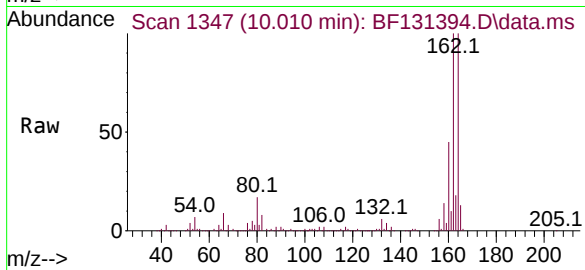
89 3.2 54.4 81.6#



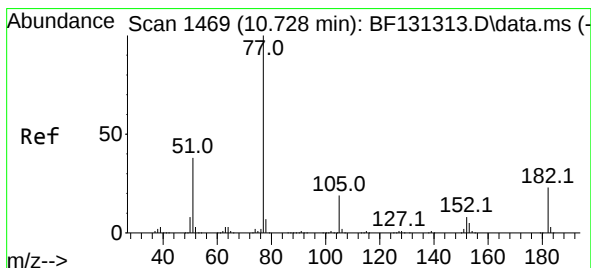
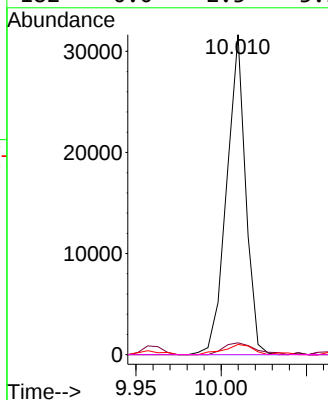
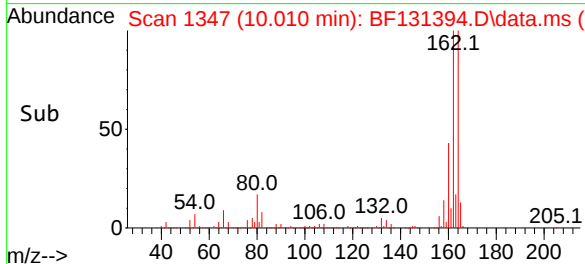


#57
2,4-Dinitrotoluene
Concen: 7.400 ng
RT: 10.010 min Scan# 1381
Delta R.T. -0.194 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

Instrument :
BNA_F
ClientSampleId :

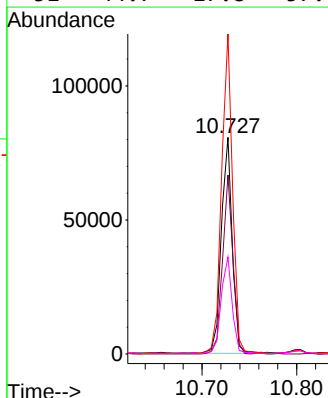
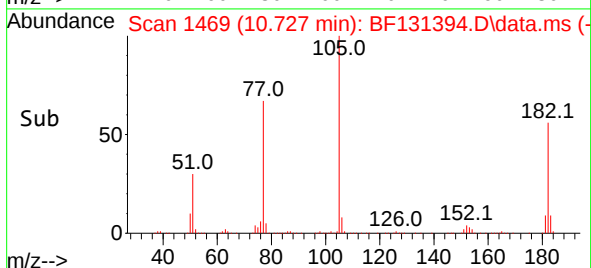
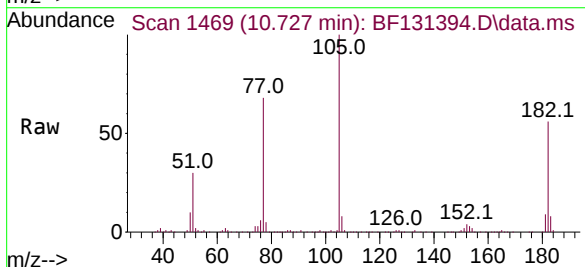


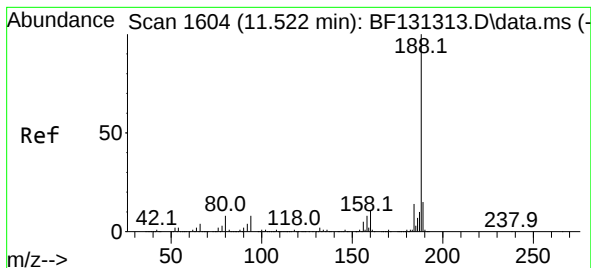
Tgt Ion:165 Resp: 24516
Ion Ratio Lower Upper
165 100
63 3.7 43.4 65.2#
89 3.2 64.0 96.0#
182 0.0 2.3 3.5#



#63
Azobenzene
Concen: 4.863 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

Tgt Ion: 77 Resp: 65006
Ion Ratio Lower Upper
77 100
182 82.6 3.1 43.1#
105 147.7 0.0 39.2#
51 44.7 17.8 57.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131394.D

Acq: 25 Nov 2022 14:00

Instrument :

BNA_F

ClientSampleId :

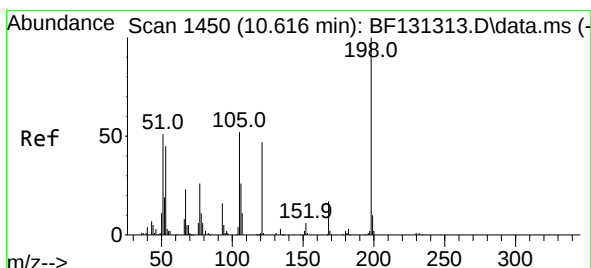
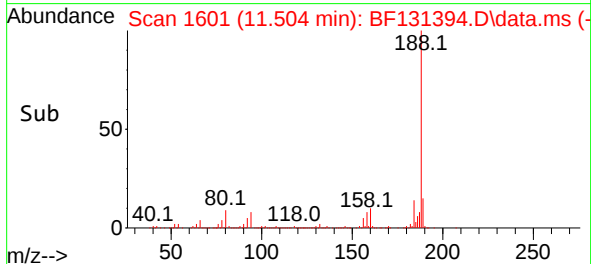
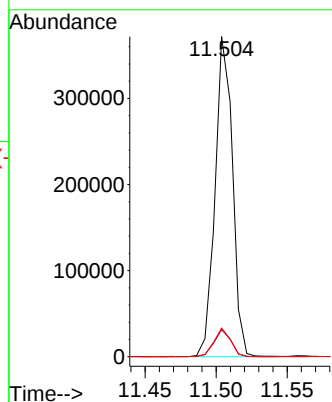
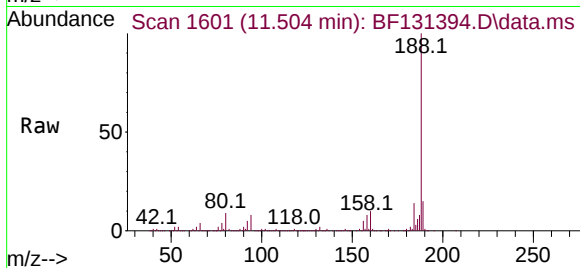
Tgt Ion:188 Resp: 316073

Ion Ratio Lower Upper

188 100

94 8.5 6.3 9.5

80 9.0 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.960 ng

RT: 10.804 min Scan# 1482

Delta R.T. 0.194 min

Lab File: BF131394.D

Acq: 25 Nov 2022 14:00

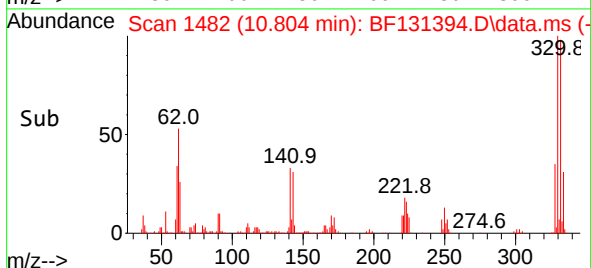
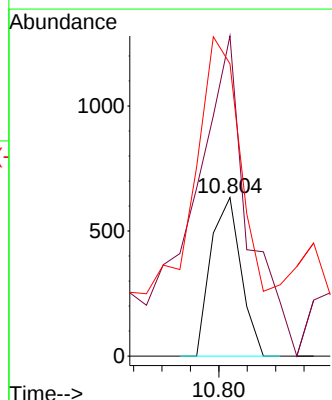
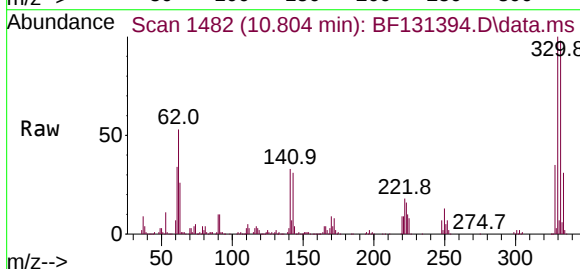
Tgt Ion:198 Resp: 467

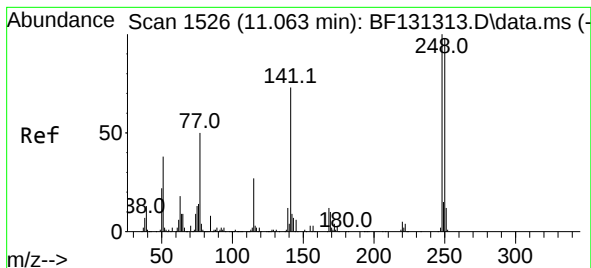
Ion Ratio Lower Upper

198 100

51 201.9 50.1 90.1#

105 184.4 32.5 72.5#

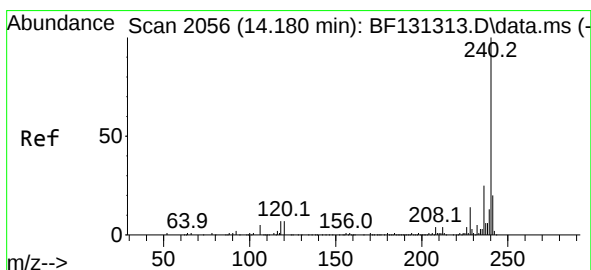
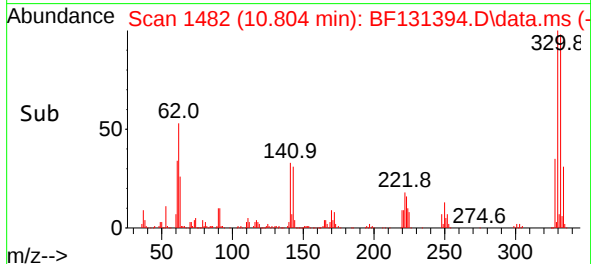
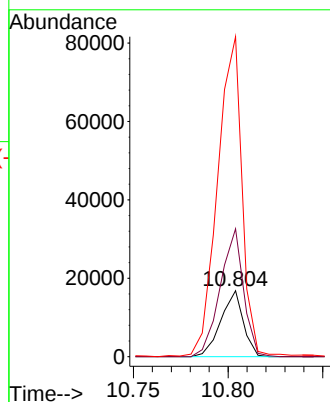
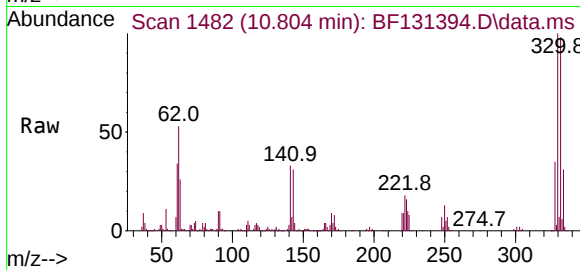




#67
4-Bromophenyl-phenylether
Concen: 3.588 ng
RT: 10.804 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

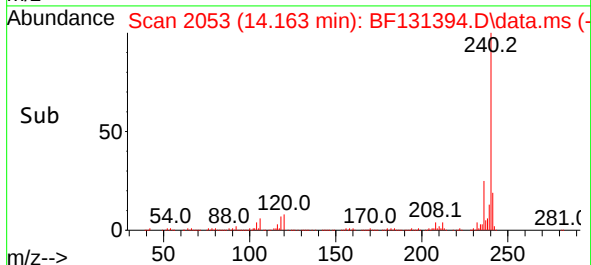
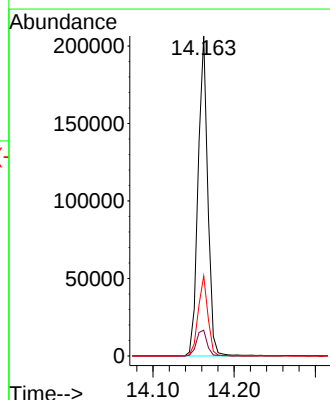
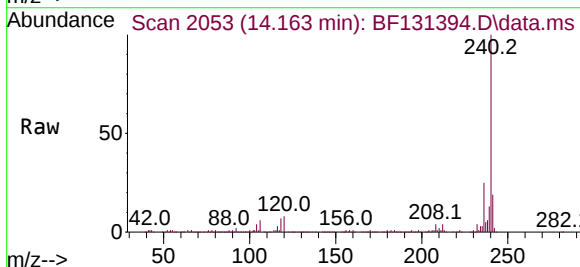
Instrument :
BNA_F
ClientSampleId :

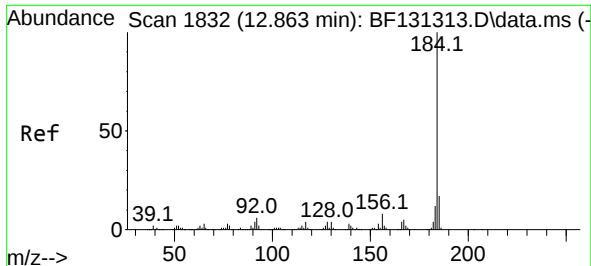
Tgt Ion:248 Resp: 13900
Ion Ratio Lower Upper
248 100
250 193.8 78.3 117.5#
141 485.0 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

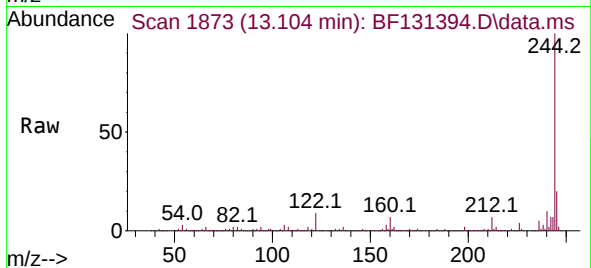
Tgt Ion:240 Resp: 172101
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.8
236 25.0 20.3 30.5



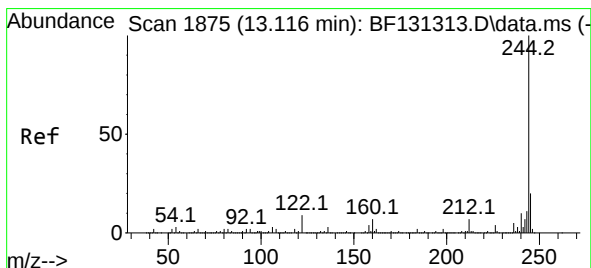
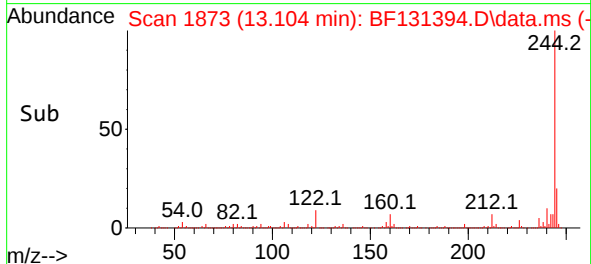
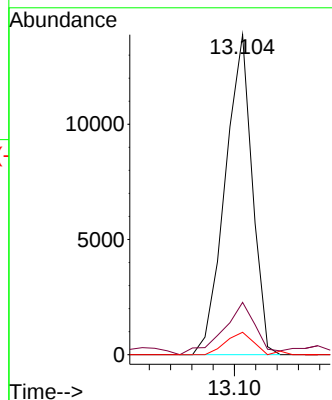


#77
Benzidine
Concen: 3.844 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.247 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

Instrument :
BNA_F
ClientSampleId :

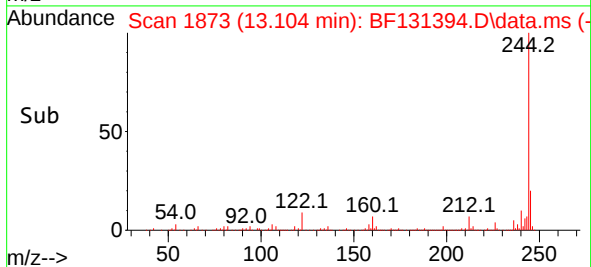
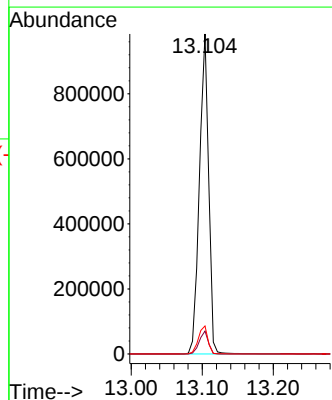
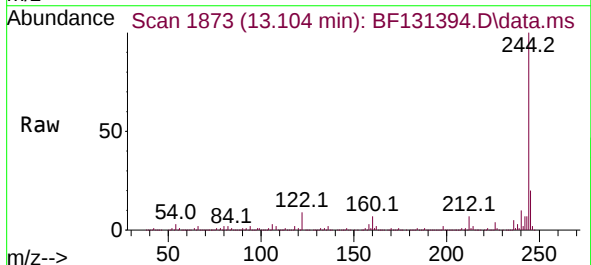


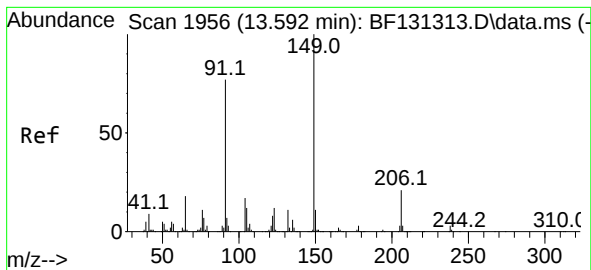
Tgt Ion:184 Resp: 12221
Ion Ratio Lower Upper
184 100
185 16.3 13.8 20.8
183 7.0 9.6 14.4#



#79
Terphenyl-d14
Concen: 84.649 ng
RT: 13.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

Tgt Ion:244 Resp: 890880
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.7 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.195 ng

RT: 13.586 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BF131394.D

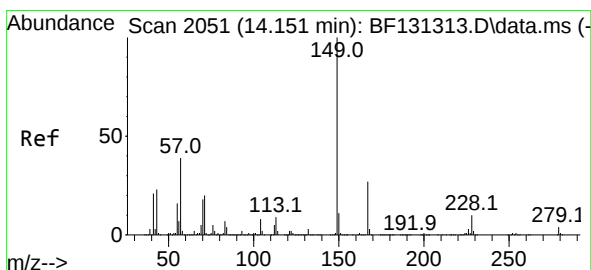
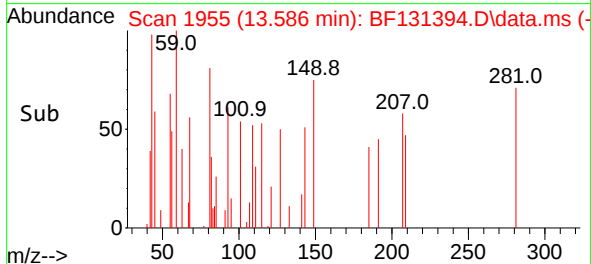
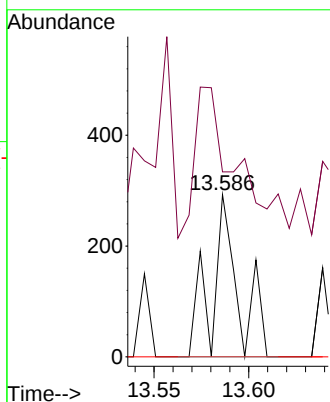
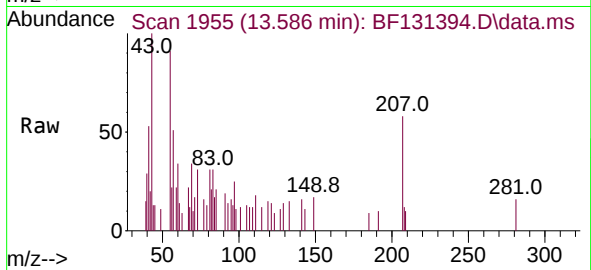
Acq: 25 Nov 2022 14:00

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	288
Ion	Ratio	Lower	Upper
149	100		
91	114.0	61.9	92.9#
206	0.0	16.5	24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.166 ng

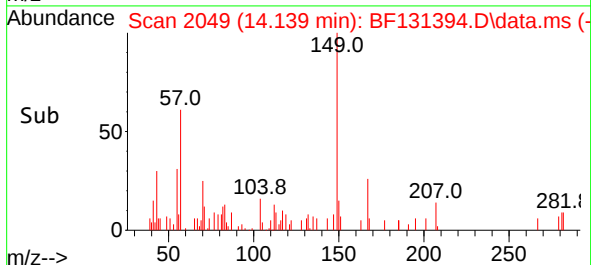
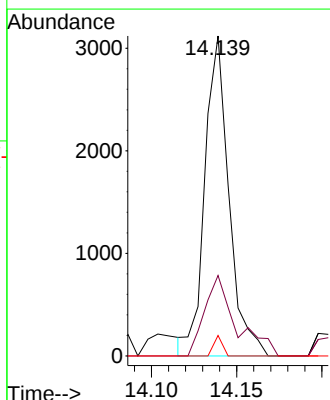
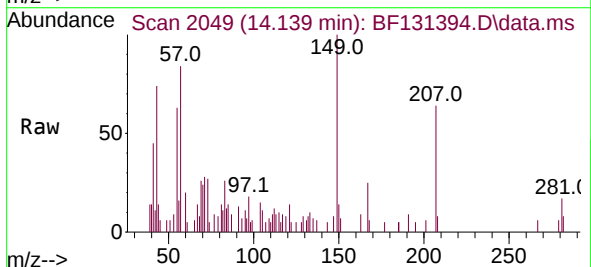
RT: 14.139 min Scan# 2049

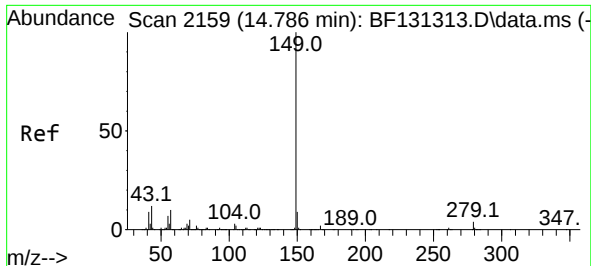
Delta R.T. -0.006 min

Lab File: BF131394.D

Acq: 25 Nov 2022 14:00

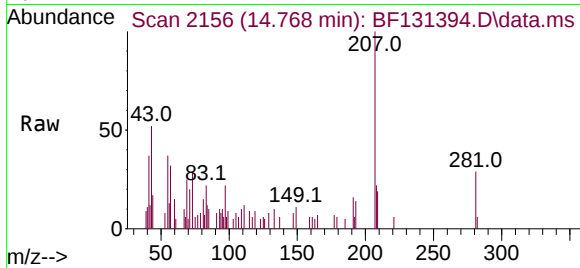
Tgt Ion:	149	Resp:	3071
Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.9	32.9
279	6.4	3.0	4.4#



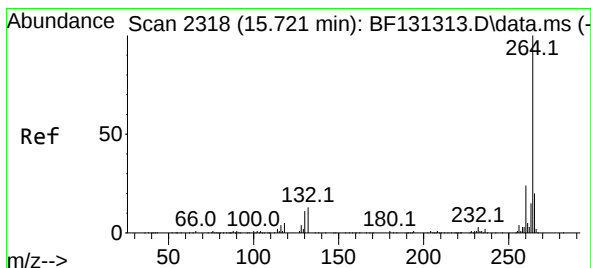
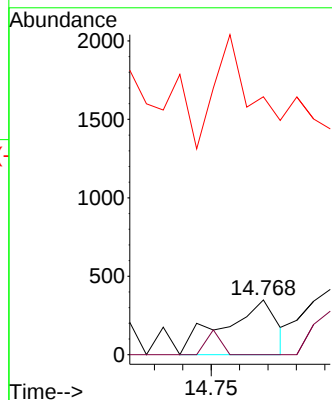
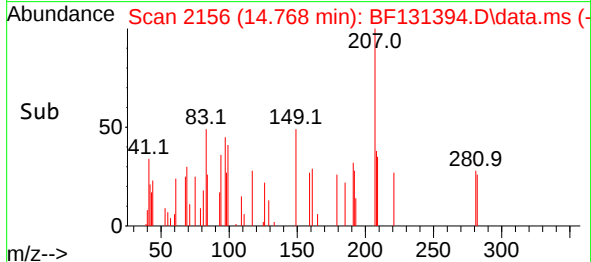


#85
Di-n-octyl phthalate
Concen: 3.956 ng
RT: 14.768 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:149 Resp: 459
Ion Ratio Lower Upper
149 100
167 12.2 1.2 1.8#
43 195.4 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.704 min Scan# 2315
Delta R.T. -0.006 min
Lab File: BF131394.D
Acq: 25 Nov 2022 14:00

Tgt Ion:264 Resp: 189428
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.0 16.4 24.6

