

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131411.D
 Acq On : 25 Nov 2022 23:28
 Operator : CG\JU
 Sample : N5762-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 00:14:04 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)

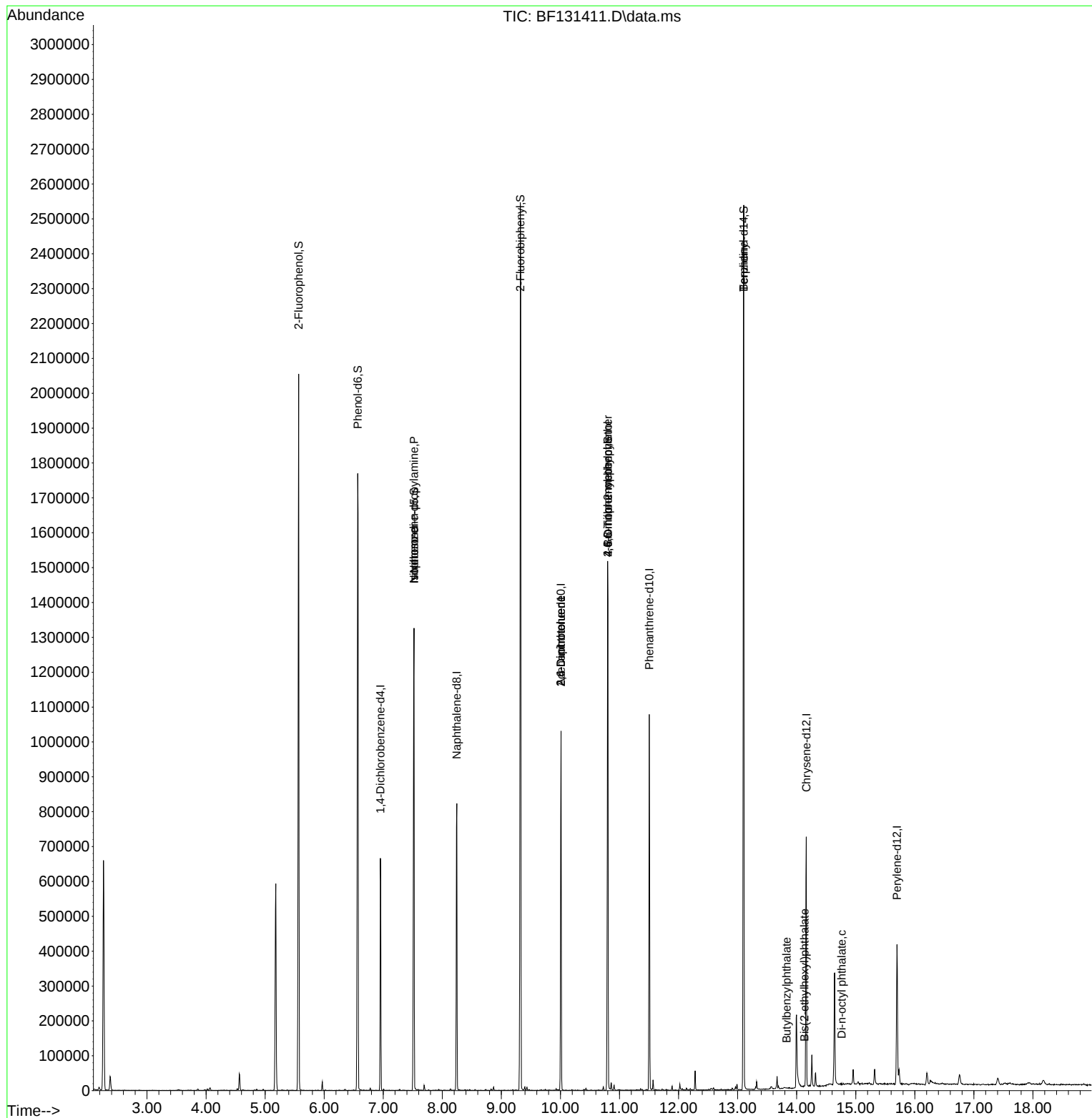
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	95300	20.000	ng	-0.01
21) Naphthalene-d8	8.245	136	351488	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	204286	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	370799	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	245459	20.000	ng	-0.01
86) Perylene-d12	15.698	264	188697	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	483919	96.642	ng	0.00
7) Phenol-d6	6.569	99	628829	98.427	ng	-0.01
23) Nitrobenzene-d5	7.522	82	430916	61.800	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	182780	106.349	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	836949	59.603	ng	-0.01
79) Terphenyl-d14	13.104	244	965212	64.303	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.569	77	932	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.522	70	60289	12.891	ng	# 71
25) Isophorone	7.522	82	430592	34.613	ng	# 68
51) 2,6-Dinitrotoluene	10.010	165	26034	9.146	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	26034	7.269	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.804	198	519	4.939	ng	# 52
67) 4-Bromophenyl-phenylether	10.804	248	12391	2.727	ng	# 1
77) Benzidine	13.104	184	13293	2.932	ng	# 91
80) Butylbenzylphthalate	13.827	149	57	4.151	ng	# 73
84) Bis(2-ethylhexyl)phtha...	14.133	149	911	3.836	ng	# 91
85) Di-n-octyl phthalate	14.762	149	530	3.946	ng	# 1

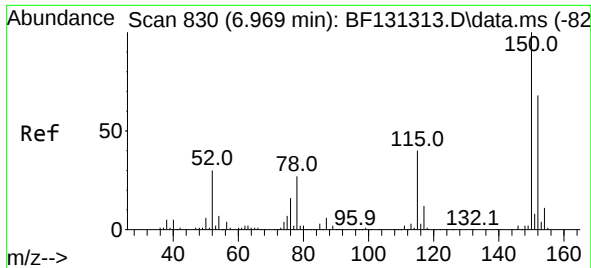
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
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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

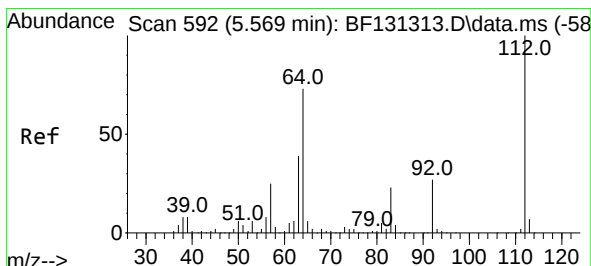
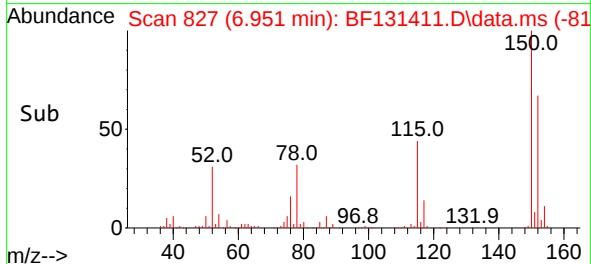
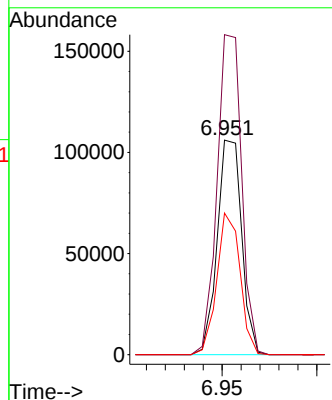
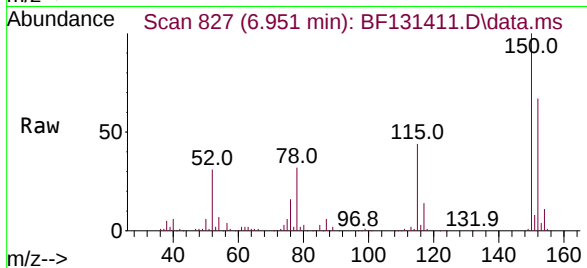




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF131411.D
Acq: 25 Nov 2022 23:28

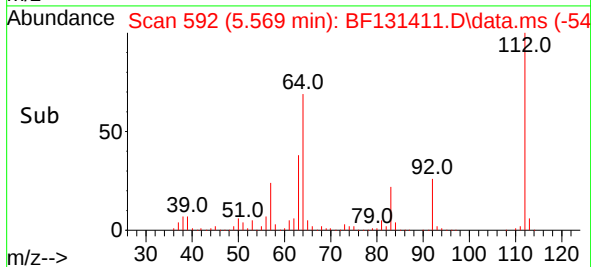
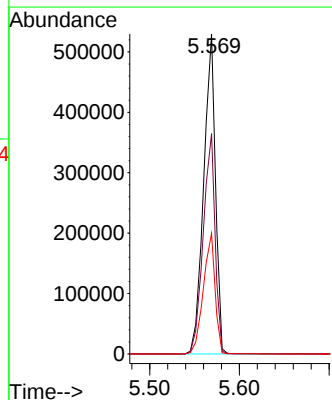
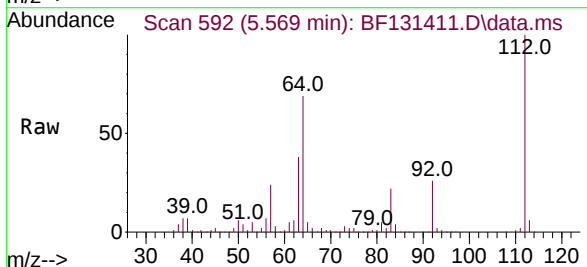
Instrument :
BNA_F
ClientSampleId :

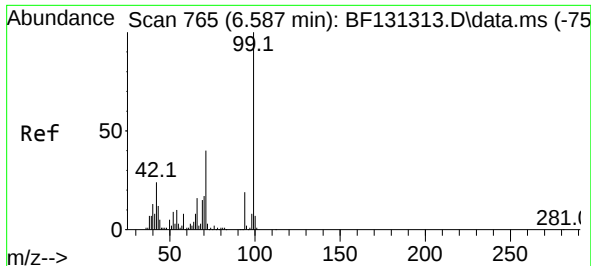
Tgt Ion:152 Resp: 95300
Ion Ratio Lower Upper
152 100
150 149.1 117.8 176.8
115 66.0 47.1 70.7



#5
2-Fluorophenol
Concen: 96.642 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.006 min
Lab File: BF131411.D
Acq: 25 Nov 2022 23:28

Tgt Ion:112 Resp: 483919
Ion Ratio Lower Upper
112 100
64 68.9 58.6 88.0
63 37.6 31.4 47.0

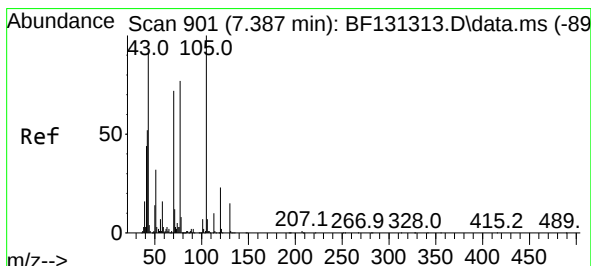
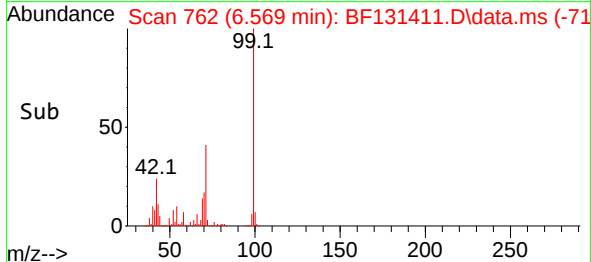
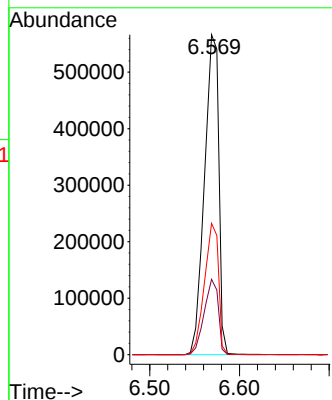
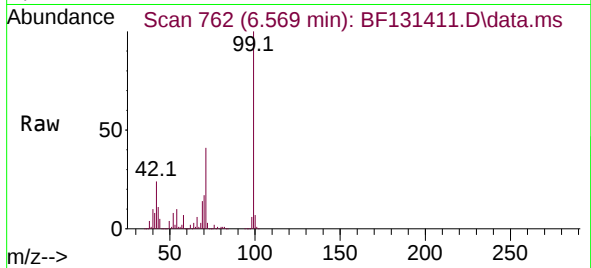




#7
Phenol-d6
Concen: 98.427 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131411.D
Acq: 25 Nov 2022 23:28

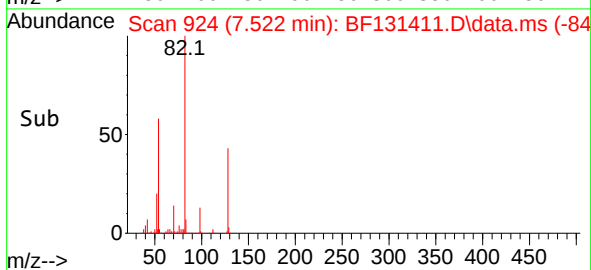
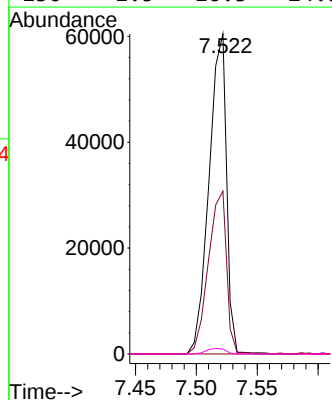
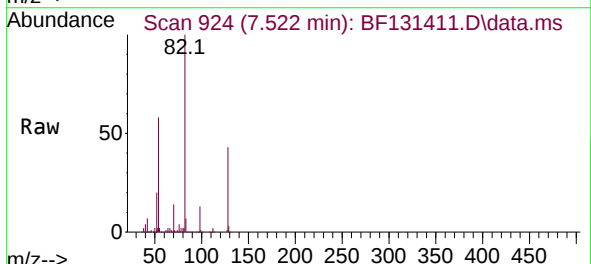
Instrument :
BNA_F
ClientSampleId :

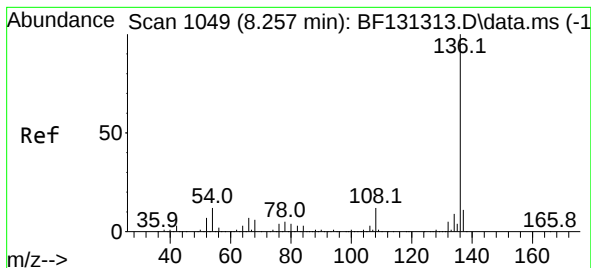
Tgt Ion: 99 Resp: 628829
Ion Ratio Lower Upper
99 100
42 23.6 19.4 29.2
71 41.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.891 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131411.D
Acq: 25 Nov 2022 23:28

Tgt Ion: 70 Resp: 60289
Ion Ratio Lower Upper
70 100
42 50.9 57.6 86.4#
101 0.0 8.2 12.2#
130 1.5 16.3 24.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1047

Delta R.T. -0.006 min

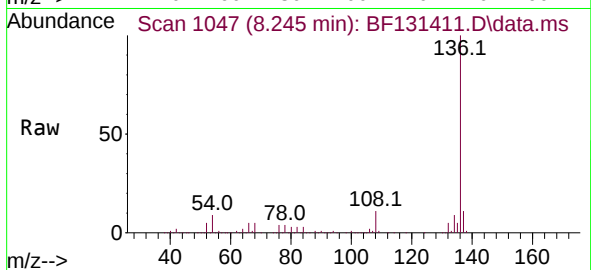
Lab File: BF131411.D

Acq: 25 Nov 2022 23:28

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 351488

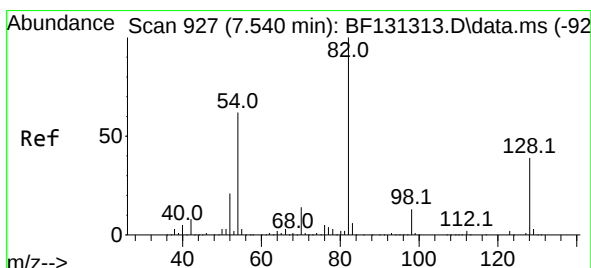
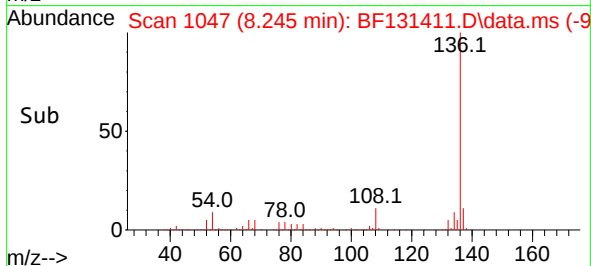
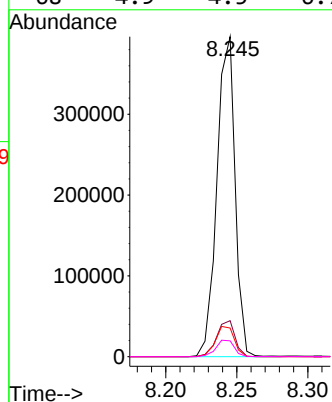
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 9.0 9.4 14.0

68 4.9 4.5 6.7



#23

Nitrobenzene-d5

Concen: 61.800 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.012 min

Lab File: BF131411.D

Acq: 25 Nov 2022 23:28

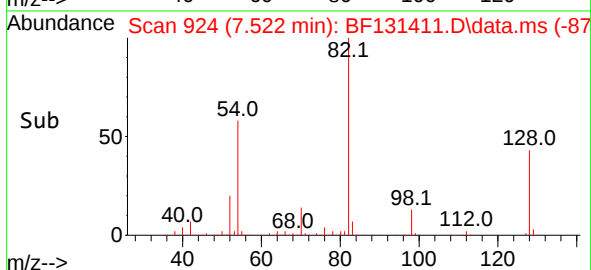
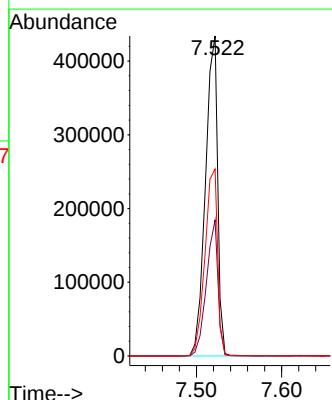
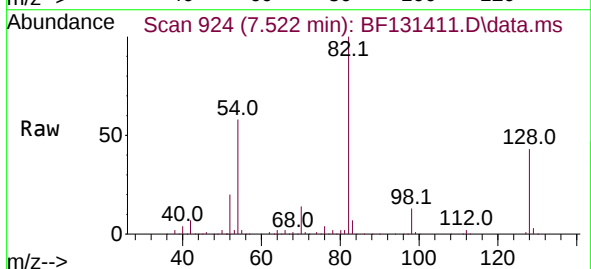
Tgt Ion: 82 Resp: 430916

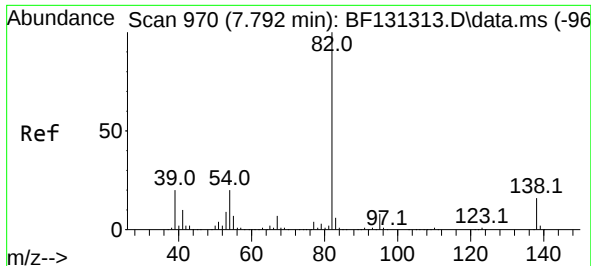
Ion Ratio Lower Upper

82 100

128 42.5 31.4 47.0

54 58.5 49.8 74.6

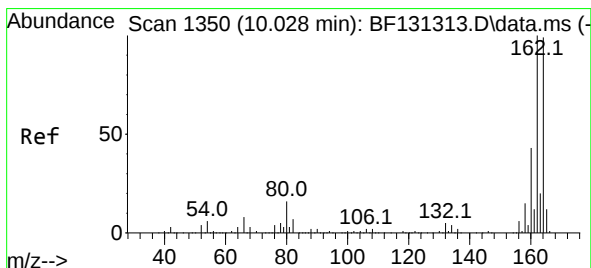
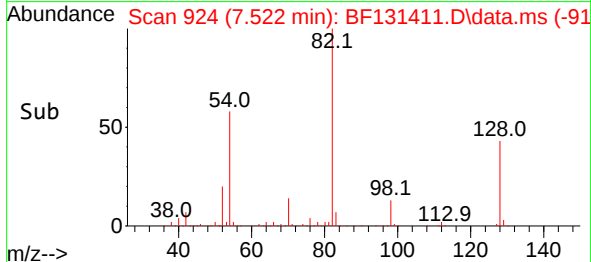
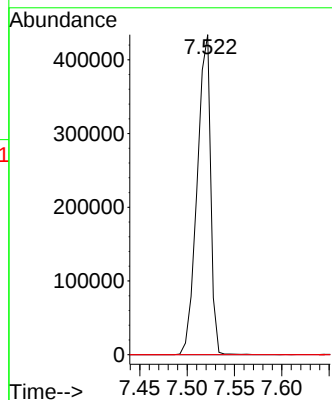
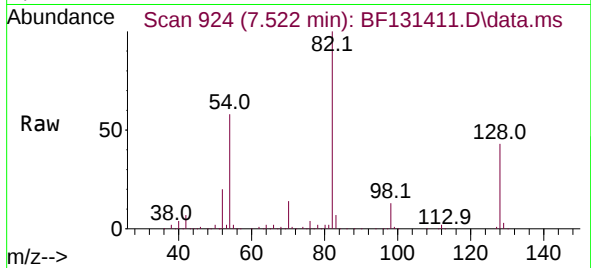




#25
Isophorone
Concen: 34.613 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131411.D
Acq: 25 Nov 2022 23:28

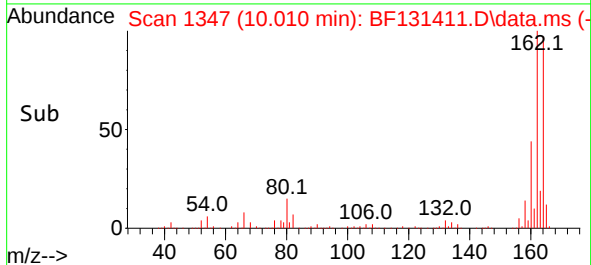
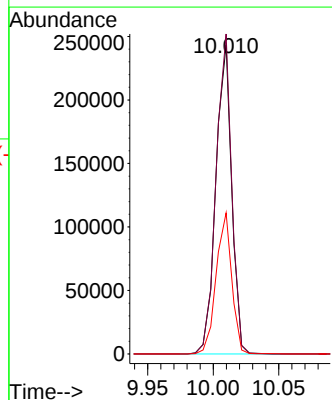
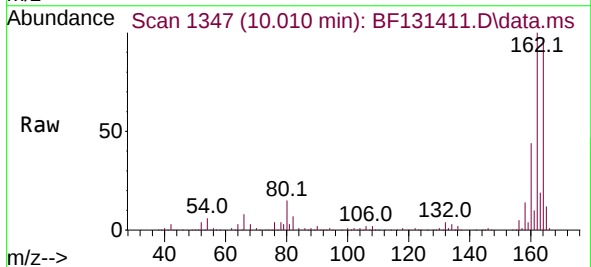
Instrument :
BNA_F
ClientSampleId :

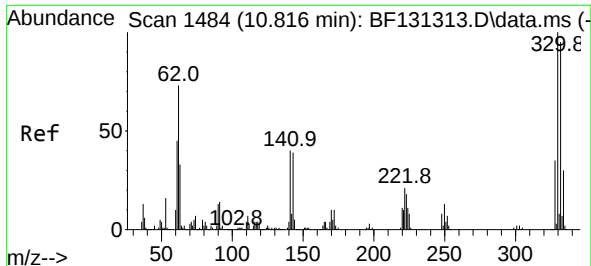
Tgt Ion: 82 Resp: 430592
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131411.D
Acq: 25 Nov 2022 23:28

Tgt Ion: 164 Resp: 204286
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 45.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 106.349 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

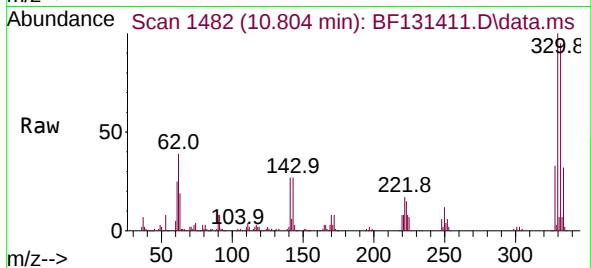
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Instrument :

BNA_F

ClientSampleId :



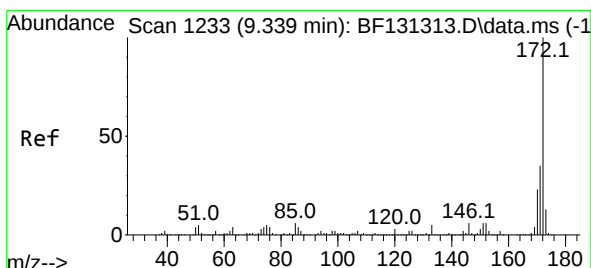
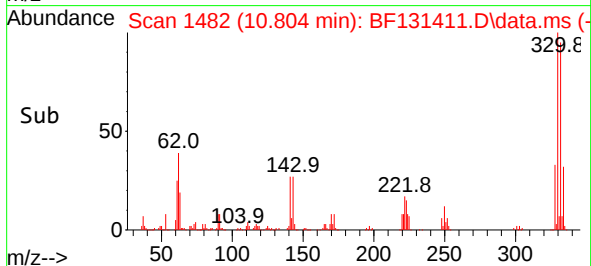
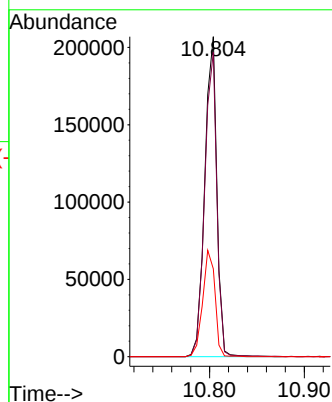
Tgt Ion:330 Resp: 182780

Ion Ratio Lower Upper

330 100

332 95.9 77.5 116.3

141 33.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 59.603 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.012 min

Lab File: BF131411.D

Acq: 25 Nov 2022 23:28

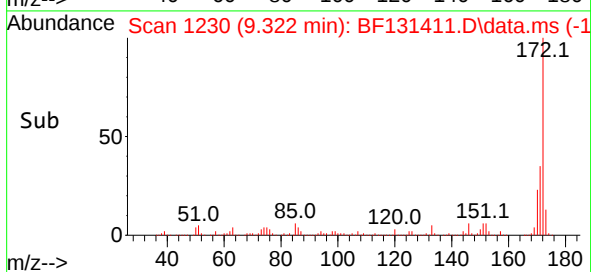
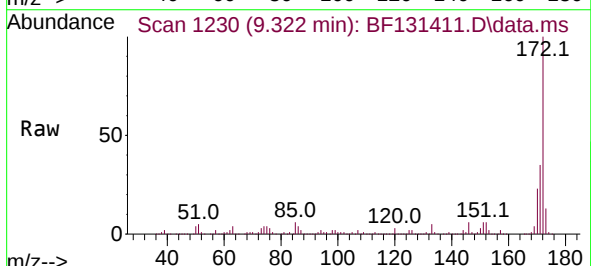
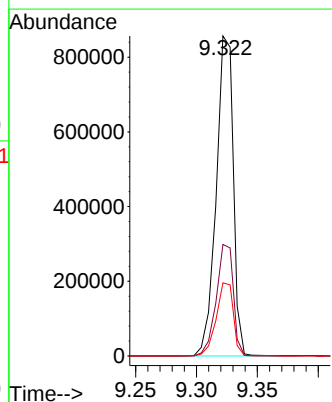
Tgt Ion:172 Resp: 836949

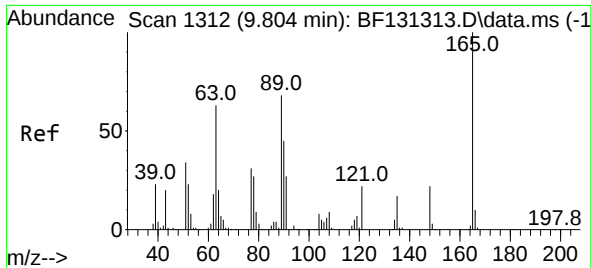
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 22.8 18.7 28.1

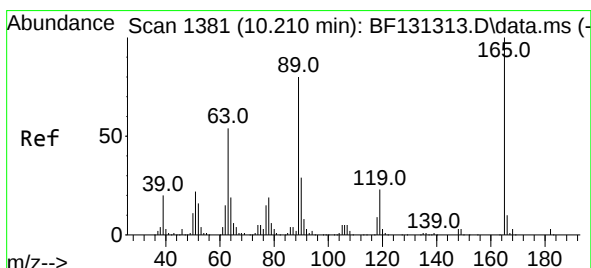
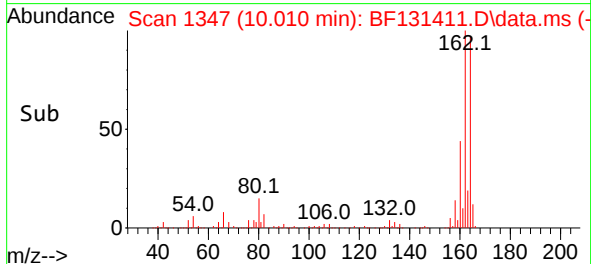
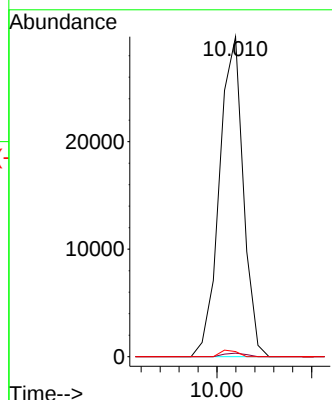
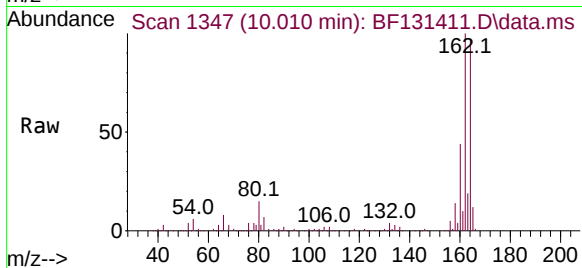




#51
2,6-Dinitrotoluene
Concen: 9.146 ng
RT: 10.010 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF131411.D
Acq: 25 Nov 2022 23:28

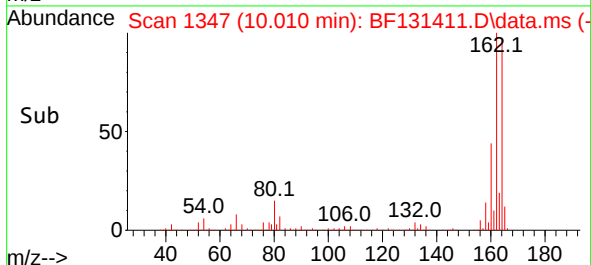
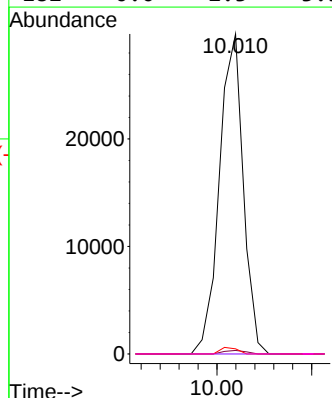
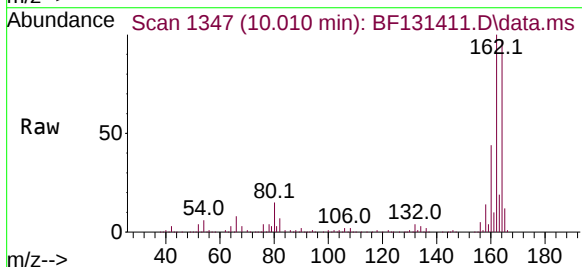
Instrument :
BNA_F
ClientSampleId :

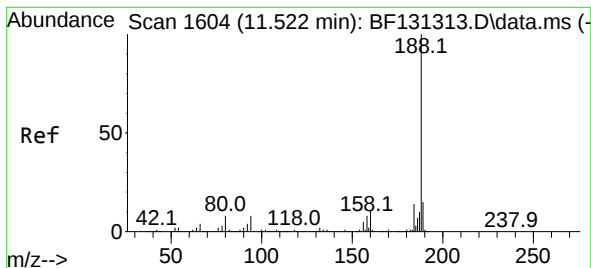
Tgt Ion:165 Resp: 26034
Ion Ratio Lower Upper
165 100
63 1.1 62.0 93.0#
89 1.6 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.269 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.194 min
Lab File: BF131411.D
Acq: 25 Nov 2022 23:28

Tgt Ion:165 Resp: 26034
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.2#
89 1.6 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. -0.012 min

Lab File: BF131411.D

Acq: 25 Nov 2022 23:28

Instrument :

BNA_F

ClientSampleId :

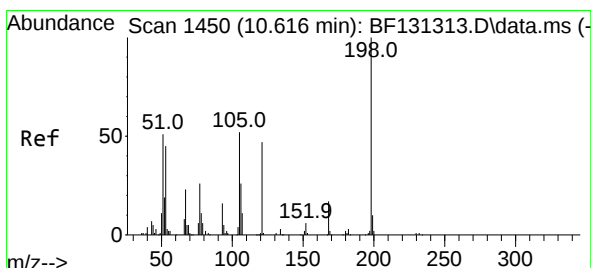
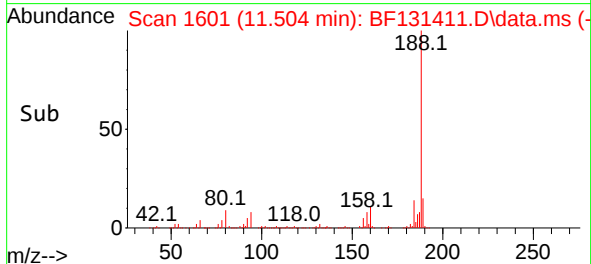
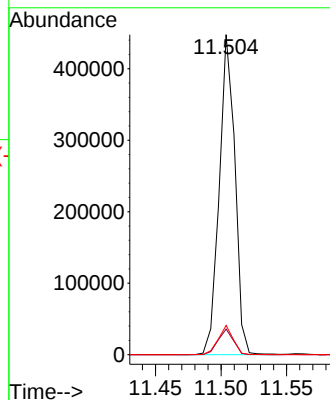
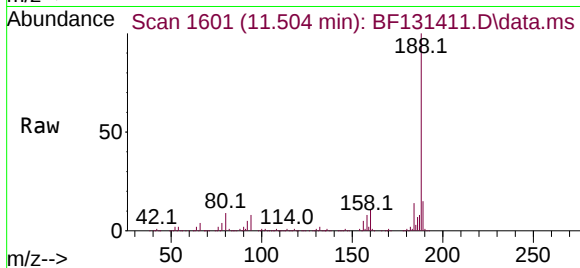
Tgt Ion:188 Resp: 370799

Ion Ratio Lower Upper

188 100

94 8.0 6.3 9.5

80 9.1 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.939 ng

RT: 10.804 min Scan# 1482

Delta R.T. 0.194 min

Lab File: BF131411.D

Acq: 25 Nov 2022 23:28

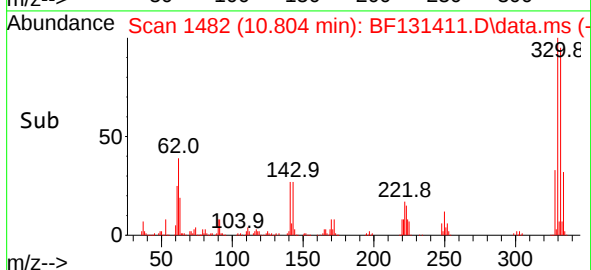
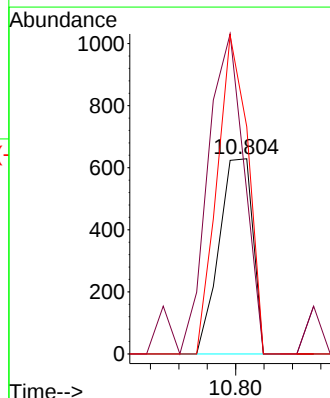
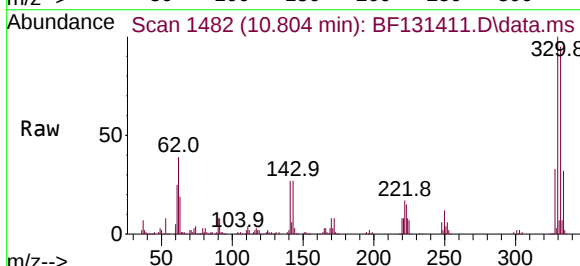
Tgt Ion:198 Resp: 519

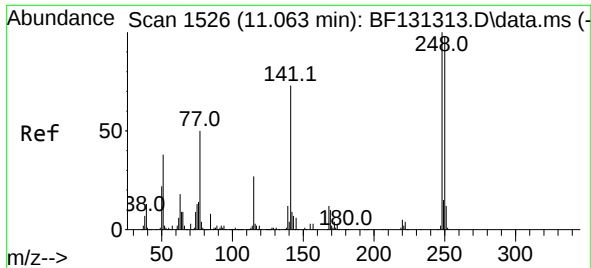
Ion Ratio Lower Upper

198 100

51 83.0 50.1 90.1

105 116.4 32.5 72.5#

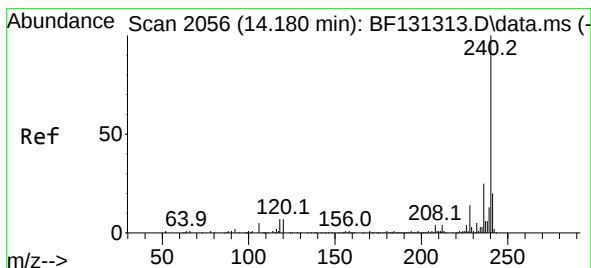
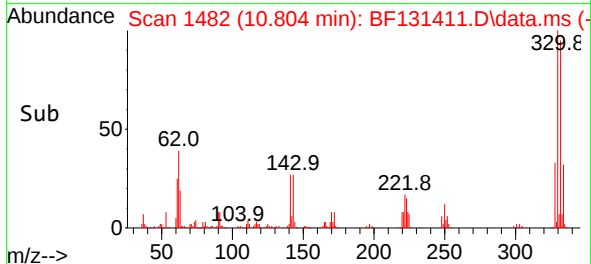
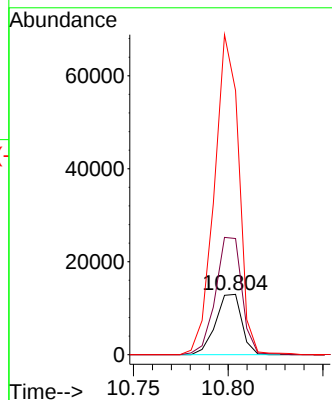
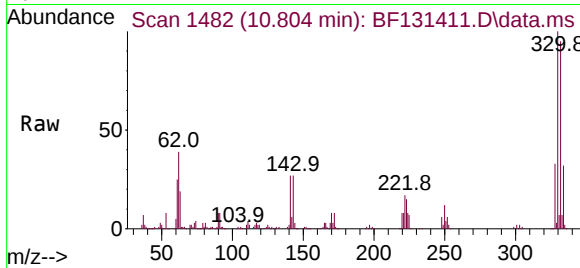




#67
4-Bromophenyl-phenylether
Concen: 2.727 ng
RT: 10.804 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF131411.D
Acq: 25 Nov 2022 23:28

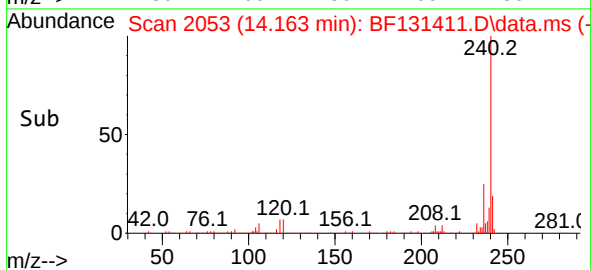
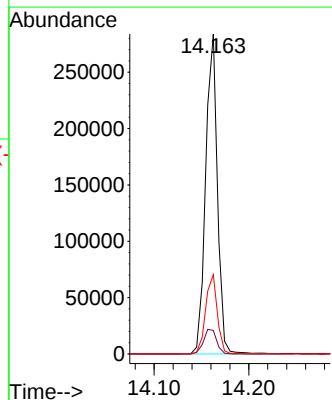
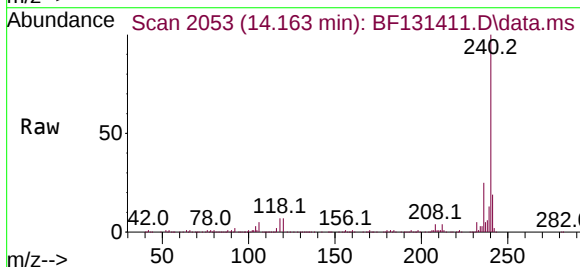
Instrument :
BNA_F
ClientSampleId :

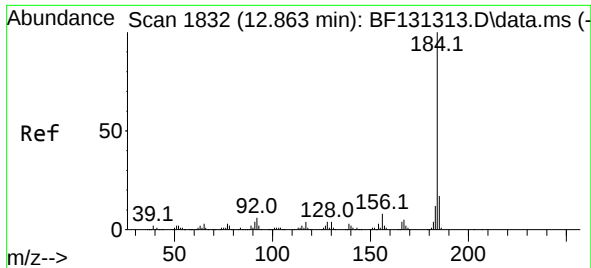
Tgt Ion:248 Resp: 12391
Ion Ratio Lower Upper
248 100
250 192.7 78.3 117.5#
141 438.1 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131411.D
Acq: 25 Nov 2022 23:28

Tgt Ion:240 Resp: 245459
Ion Ratio Lower Upper
240 100
120 7.4 5.8 8.8
236 24.8 20.3 30.5

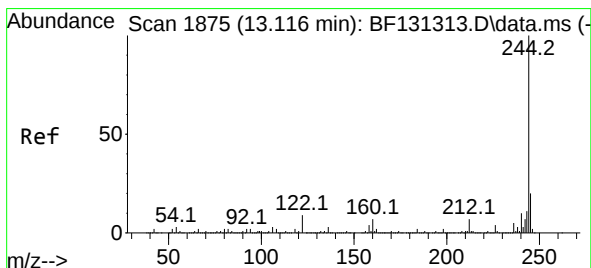
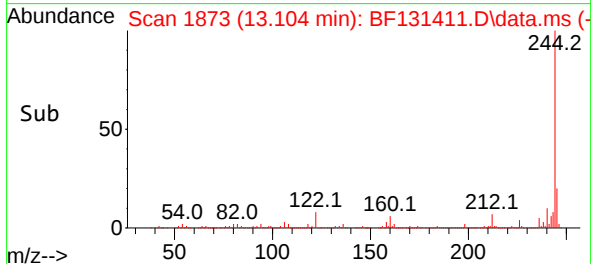
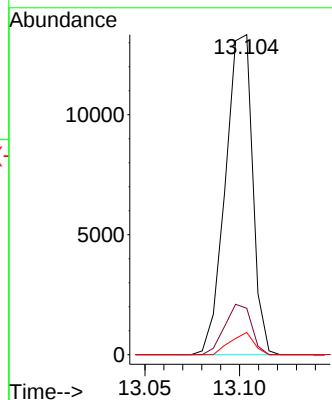
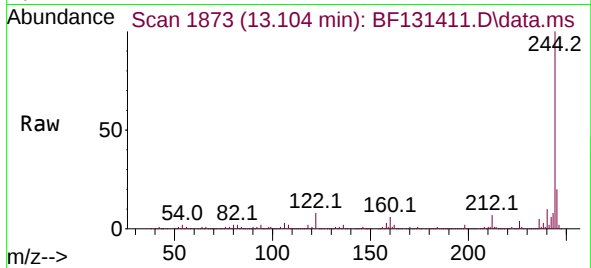




#77
Benzidine
Concen: 2.932 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.247 min
Lab File: BF131411.D
Acq: 25 Nov 2022 23:28

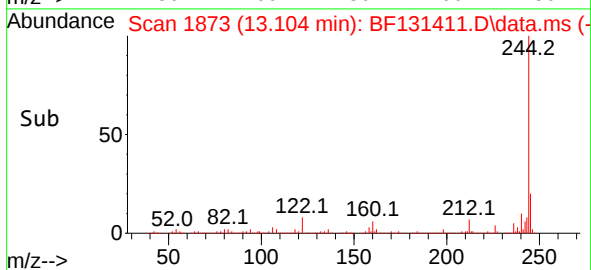
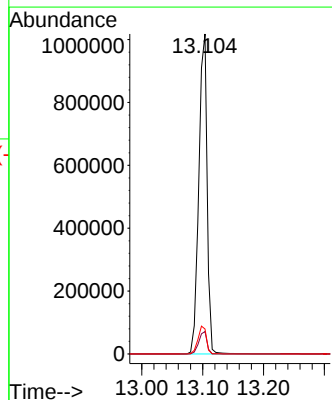
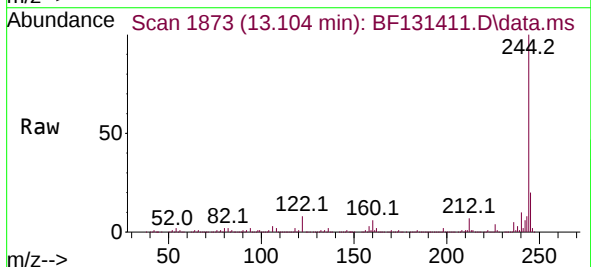
Instrument :
BNA_F
ClientSampleId :

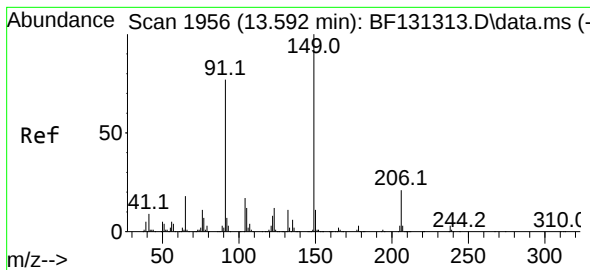
Tgt Ion:184 Resp: 13293
Ion Ratio Lower Upper
184 100
185 14.5 13.8 20.8
183 6.9 9.6 14.4#



#79
Terphenyl-d14
Concen: 64.303 ng
RT: 13.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BF131411.D
Acq: 25 Nov 2022 23:28

Tgt Ion:244 Resp: 965212
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 7.8 7.5 11.3

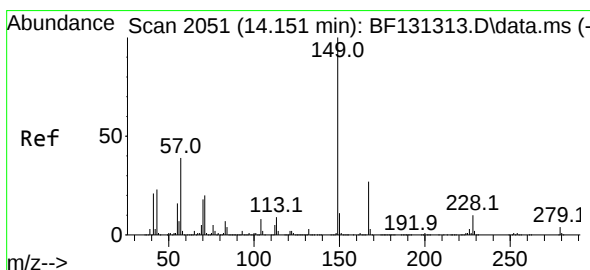
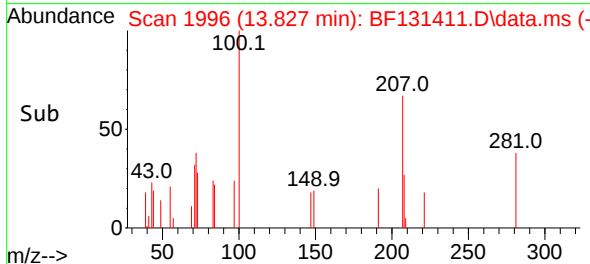
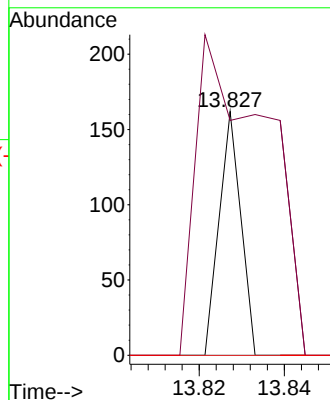
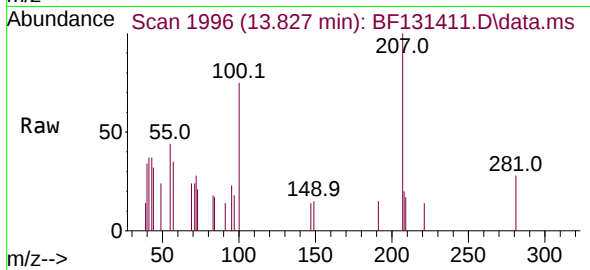




#80
 Butylbenzylphthalate
 Concen: 4.151 ng
 RT: 13.827 min Scan# 1956
 Delta R.T. 0.241 min
 Lab File: BF131411.D
 Acq: 25 Nov 2022 23:28

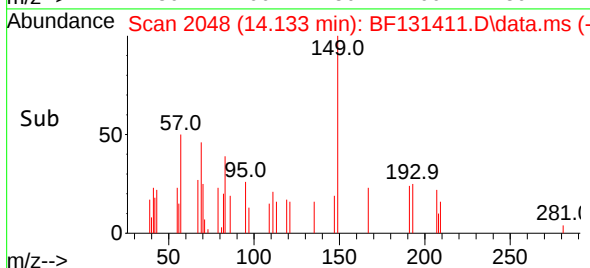
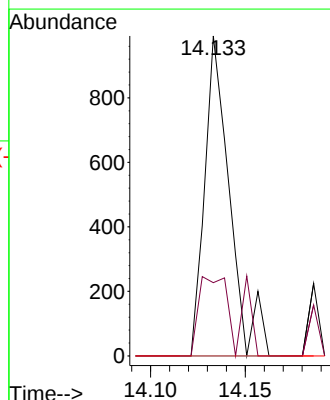
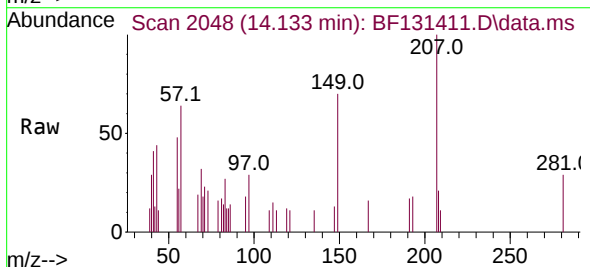
Instrument :
 BNA_F
 ClientSampleId :

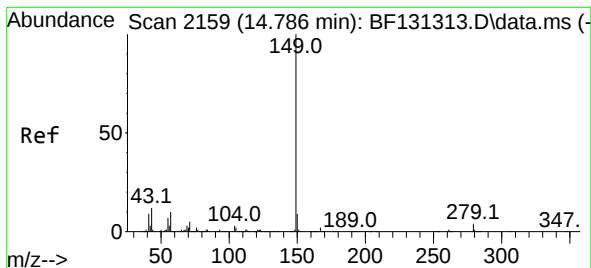
Tgt Ion:	149	Resp:	57
Ion	Ratio	Lower	Upper
149	100		
91	96.3	61.9	92.9#
206	0.0	16.5	24.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.836 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. -0.012 min
 Lab File: BF131411.D
 Acq: 25 Nov 2022 23:28

Tgt Ion:	149	Resp:	911
Ion	Ratio	Lower	Upper
149	100		
167	22.9	21.9	32.9
279	0.0	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 3.946 ng

RT: 14.762 min Scan# 2155

Delta R.T. -0.012 min

Lab File: BF131411.D

Acq: 25 Nov 2022 23:28

Instrument :

BNA_F

ClientSampleId :

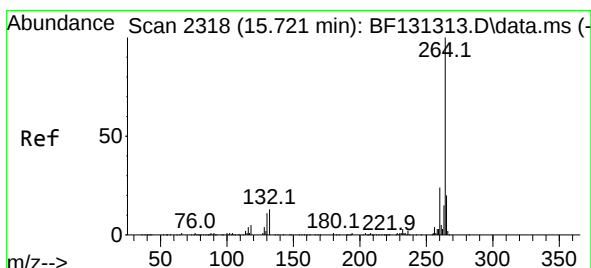
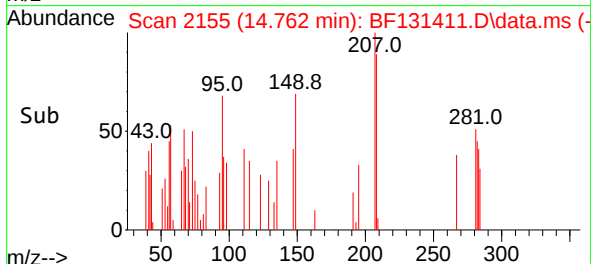
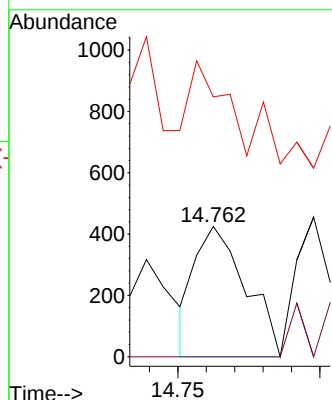
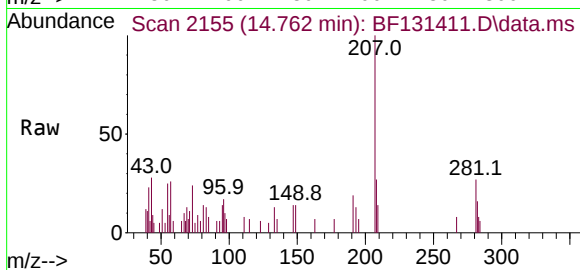
Tgt Ion:149 Resp: 530

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 78.5 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 2314

Delta R.T. -0.012 min

Lab File: BF131411.D

Acq: 25 Nov 2022 23:28

Tgt Ion:264 Resp: 188697

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

265 22.1 16.4 24.6

