

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131396.D
 Acq On : 25 Nov 2022 15:06
 Operator : CG\JU
 Sample : N5741-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 23:17:48 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)

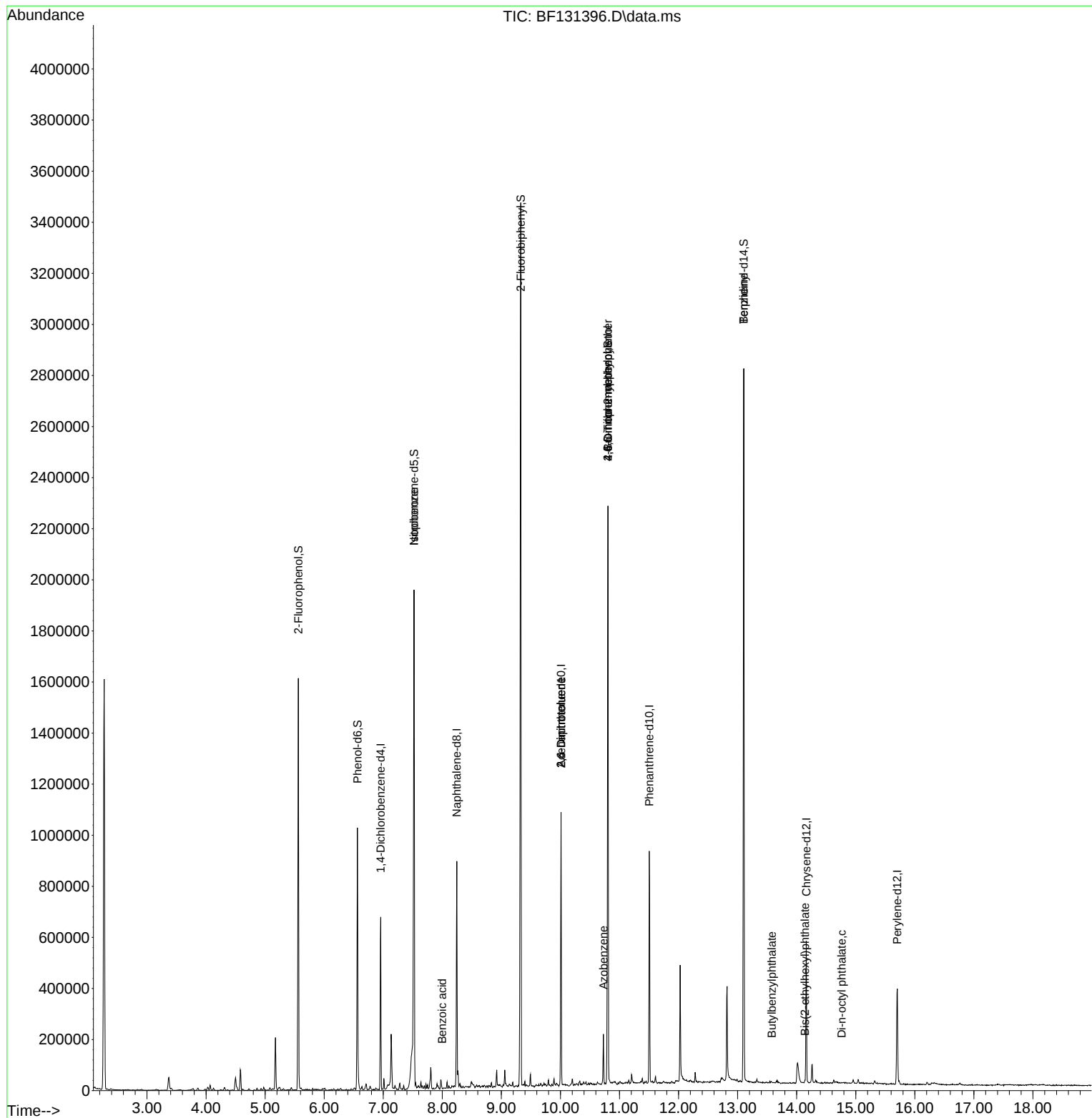
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	96077	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	347992	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	191968	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	329290	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	179988	20.000	ng	-0.01
86) Perylene-d12	15.704	264	183082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	361859	71.682	ng	0.00
7) Phenol-d6	6.563	99	290038	45.031	ng	-0.02
23) Nitrobenzene-d5	7.522	82	593003	85.900	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	251089	155.469	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1056463	80.064	ng	0.00
79) Terphenyl-d14	13.104	244	991007	90.037	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	322	Below Cal	#	1
25) Isophorone	7.522	82	589803	47.888	ng	# 68
32) Benzoic acid	7.998	122	92	5.163	ng	# 60
51) 2,6-Dinitrotoluene	10.010	165	24774	9.262	ng	# 16
57) 2,4-Dinitrotoluene	10.010	165	24774	7.361	ng	# 20
63) Azobenzene	10.727	77	30137	2.219	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.804	198	769	5.184	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	17259	4.276	ng	# 1
77) Benzidine	13.104	184	13481	4.055	ng	# 89
80) Butylbenzylphthalate	13.580	149	241	4.185	ng	# 46
84) Bis(2-ethylhexyl)phtha...	14.139	149	3325	4.181	ng	# 93
85) Di-n-octyl phthalate	14.762	149	1016	4.017	ng	# 56

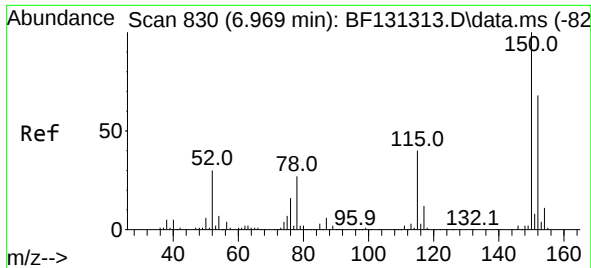
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
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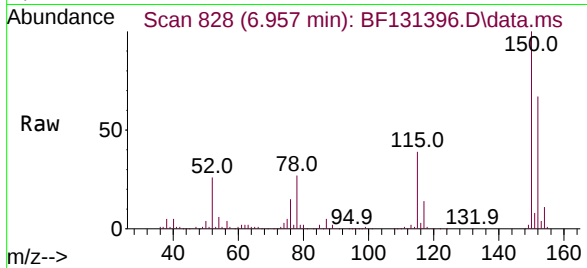
Quant Time: Nov 25 23:17:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
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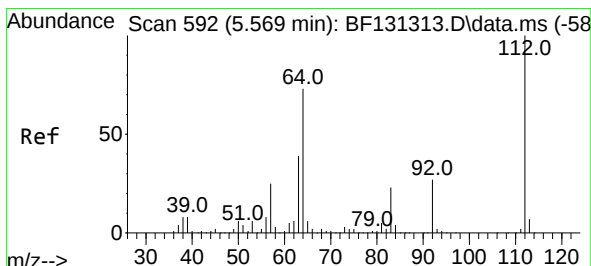
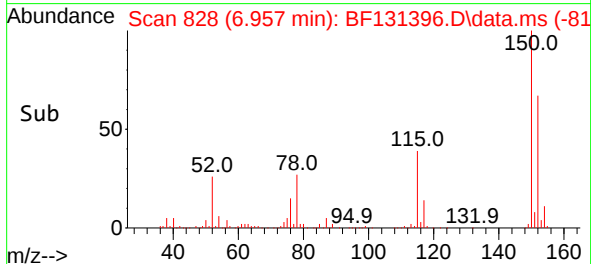
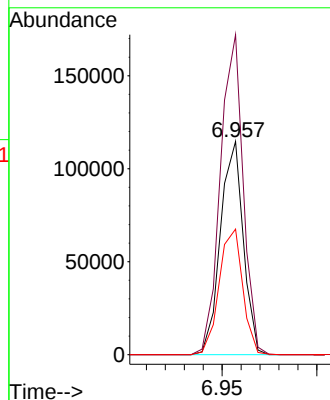


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

Instrument :
BNA_F
ClientSampleId :

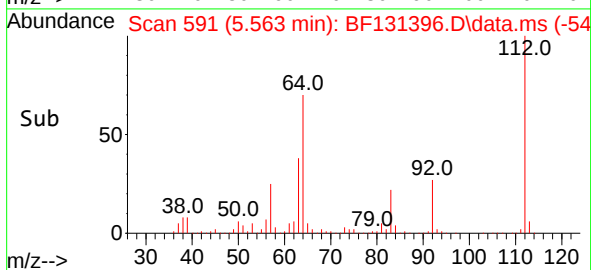
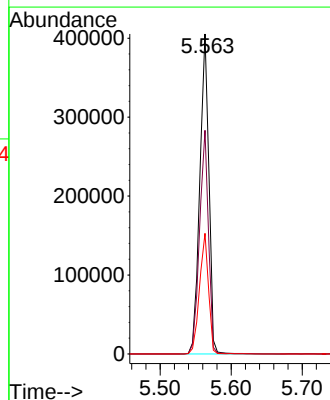
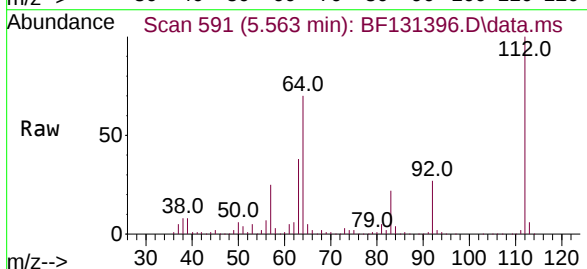


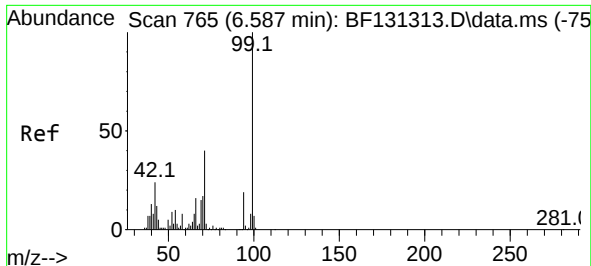
Tgt Ion:152 Resp: 96077
Ion Ratio Lower Upper
152 100
150 150.1 117.8 176.8
115 58.9 47.1 70.7



#5
2-Fluorophenol
Concen: 71.682 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

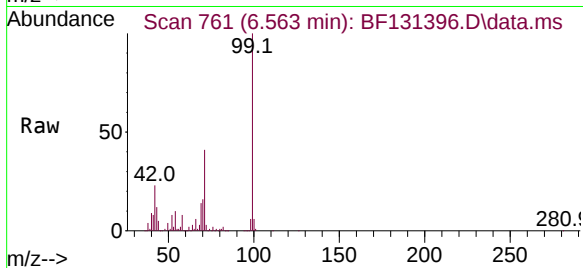
Tgt Ion:112 Resp: 361859
Ion Ratio Lower Upper
112 100
64 69.9 58.6 88.0
63 37.7 31.4 47.0



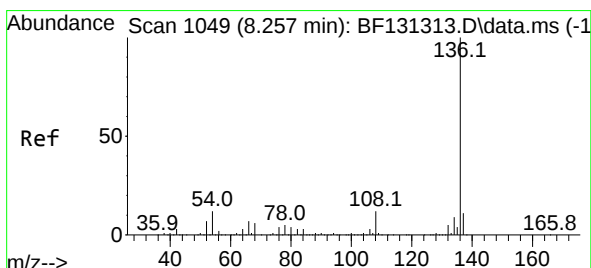
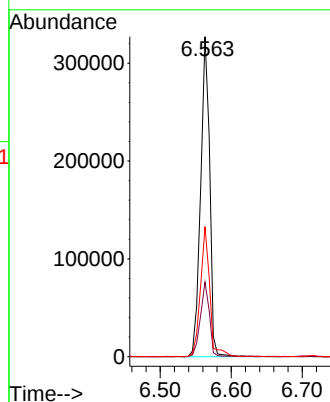
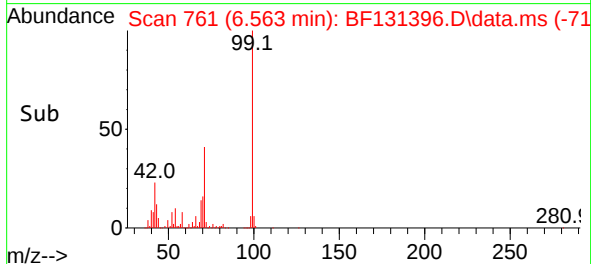


#7
Phenol-d6
Concen: 45.031 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

Instrument :
BNA_F
ClientSampleId :

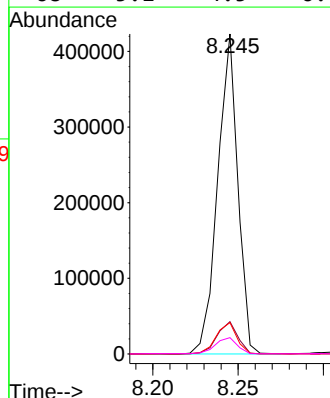
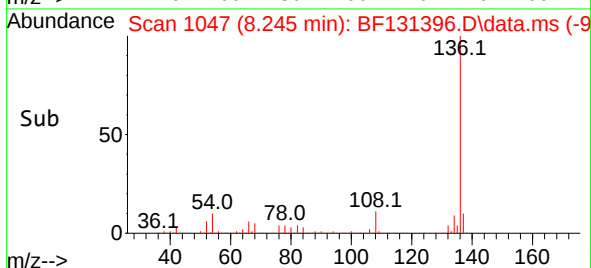
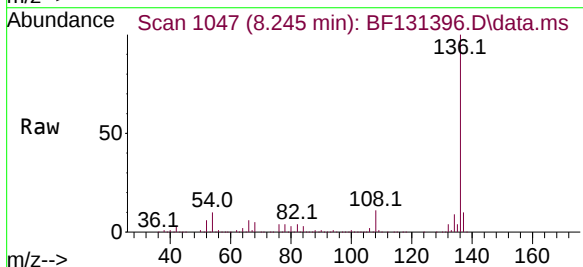


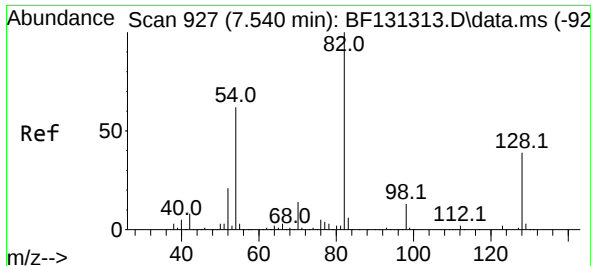
Tgt Ion: 99 Resp: 290038
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.2
71 40.7 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

Tgt Ion: 136 Resp: 347992
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.6
54 9.8 9.4 14.0
68 5.1 4.5 6.7

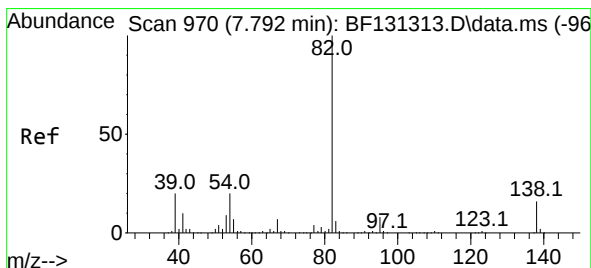
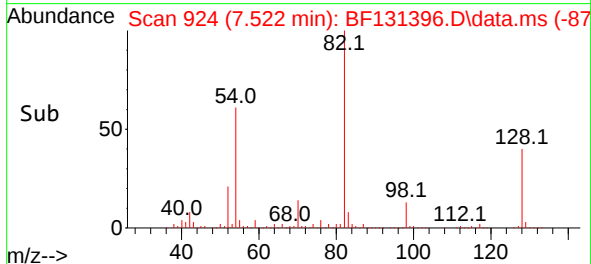
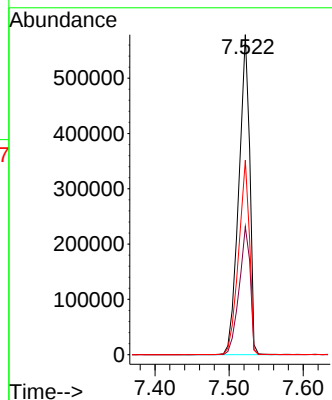
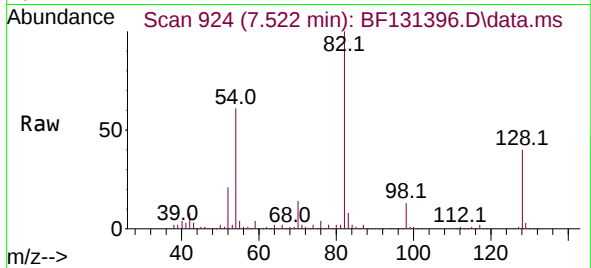




#23
Nitrobenzene-d5
Concen: 85.900 ng
RT: 7.522 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

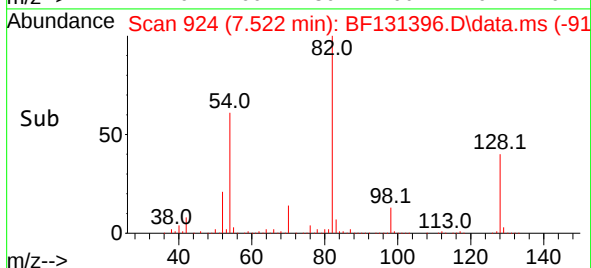
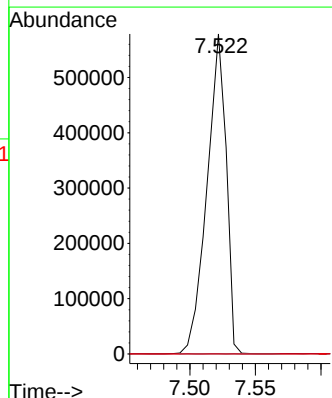
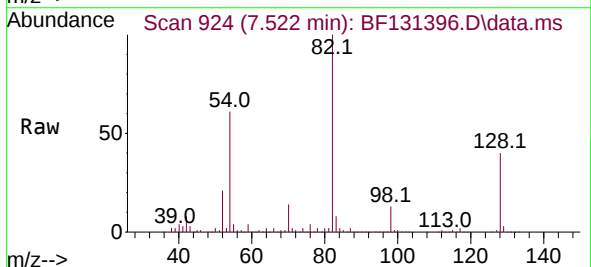
Instrument :
BNA_F
ClientSampleId :

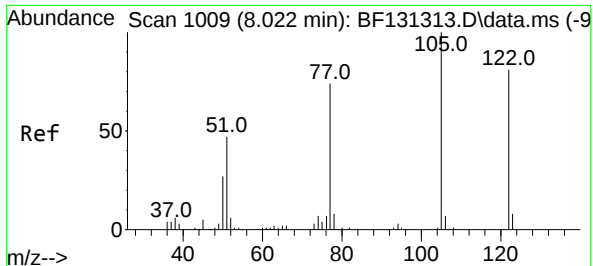
Tgt Ion: 82 Resp: 593003
Ion Ratio Lower Upper
82 100
128 40.0 31.4 47.0
54 60.7 49.8 74.6



#25
Isophorone
Concen: 47.888 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

Tgt Ion: 82 Resp: 589803
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 12.7 19.1#





#32

Benzoic acid

Concen: 5.163 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF131396.D

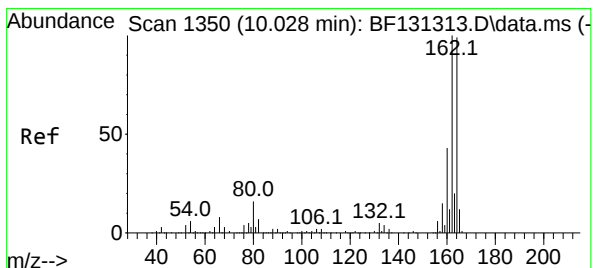
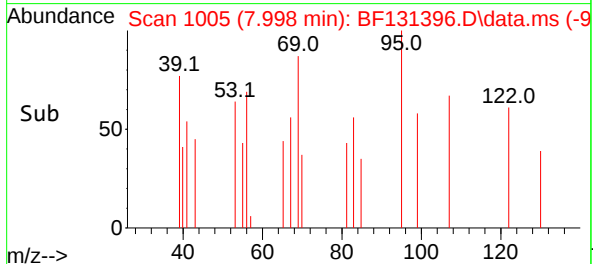
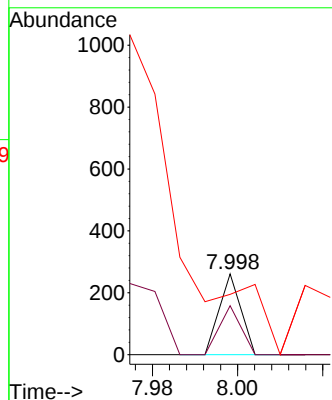
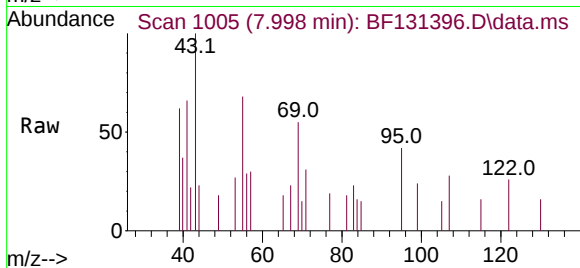
Acq: 25 Nov 2022 15:06

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:122	Resp:	92
Ion	Ratio	Lower Upper
122	100	
105	60.5	103.8 143.8#
77	74.7	74.3 114.3



#39

Acenaphthene-d10

Concen: 20.000 ng

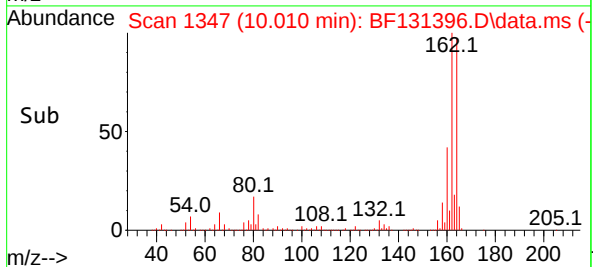
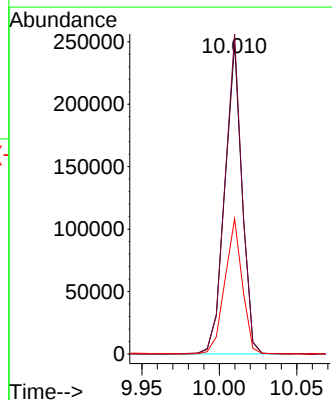
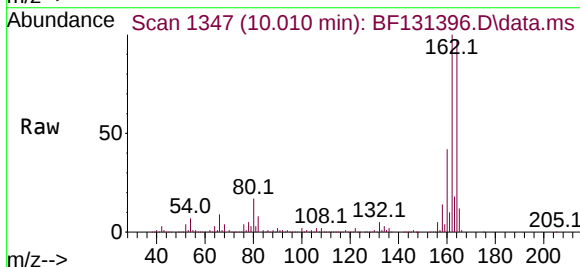
RT: 10.010 min Scan# 1347

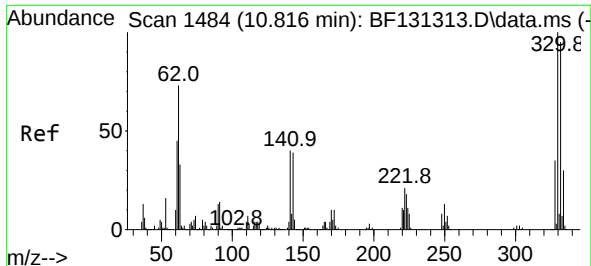
Delta R.T. -0.006 min

Lab File: BF131396.D

Acq: 25 Nov 2022 15:06

Tgt Ion:164	Resp:	191968
Ion	Ratio	Lower Upper
164	100	
162	103.1	80.6 120.8
160	43.6	34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 155.469 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

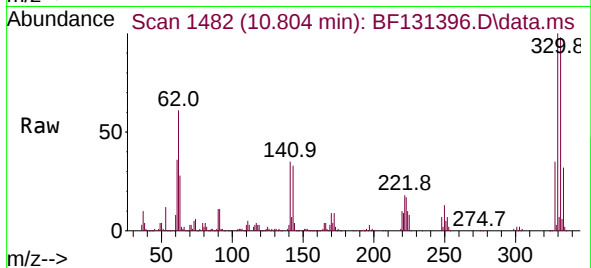
Lab File: BF131396.D

Acq: 25 Nov 2022 15:06

Instrument :

BNA_F

ClientSampleId :



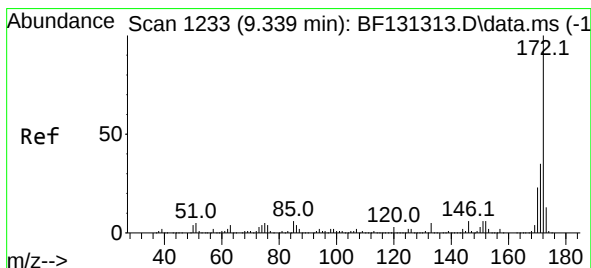
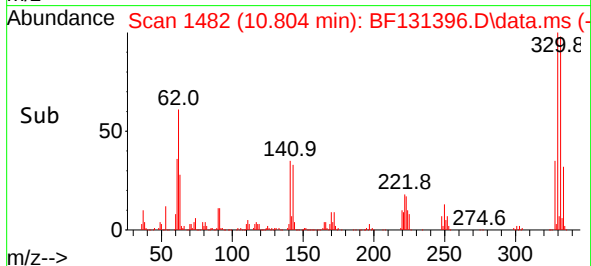
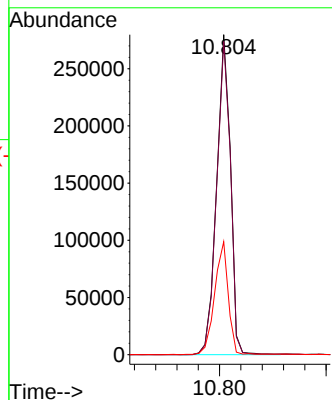
Tgt Ion:330 Resp: 251089

Ion Ratio Lower Upper

330 100

332 98.3 77.5 116.3

141 35.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 80.064 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF131396.D

Acq: 25 Nov 2022 15:06

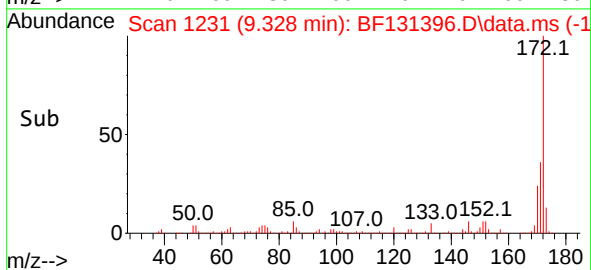
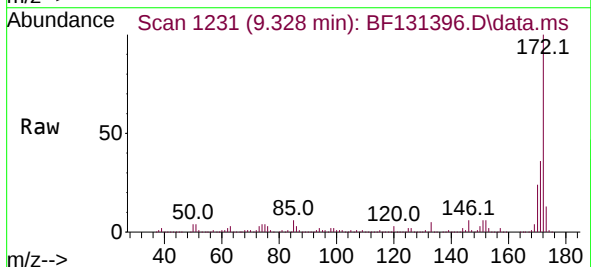
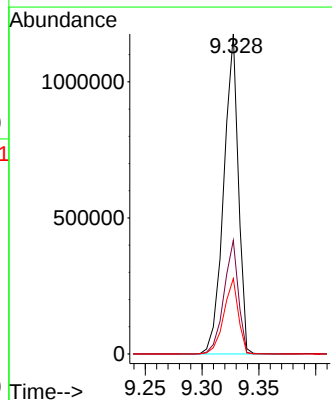
Tgt Ion:172 Resp: 1056463

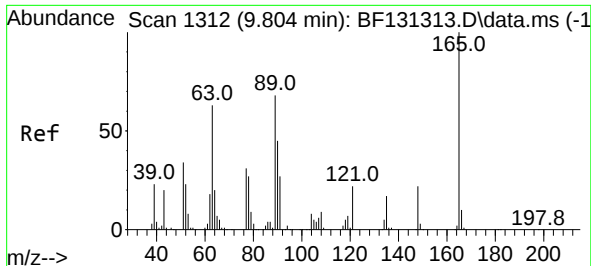
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.5 18.7 28.1

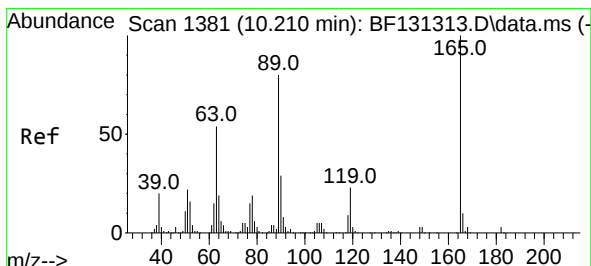
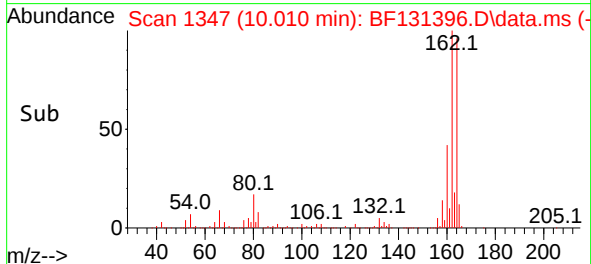
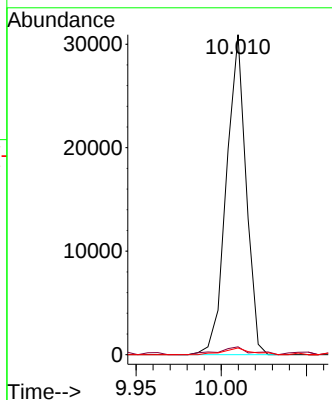
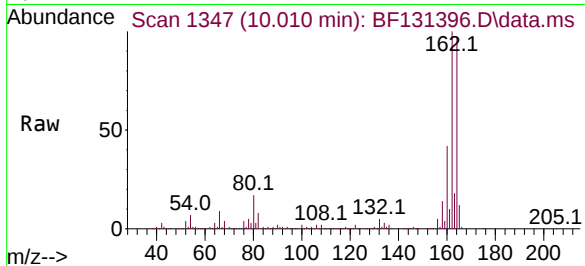




#51
2,6-Dinitrotoluene
Concen: 9.262 ng
RT: 10.010 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

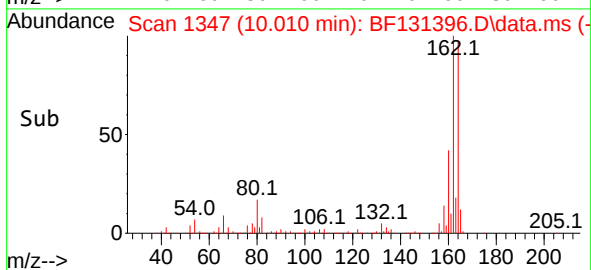
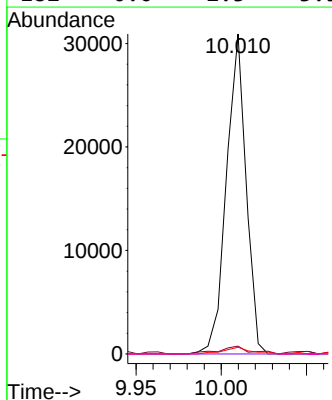
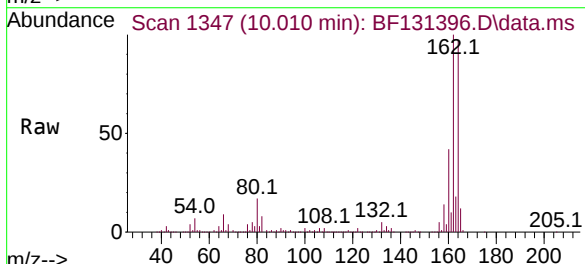
Instrument :
BNA_F
ClientSampleId :

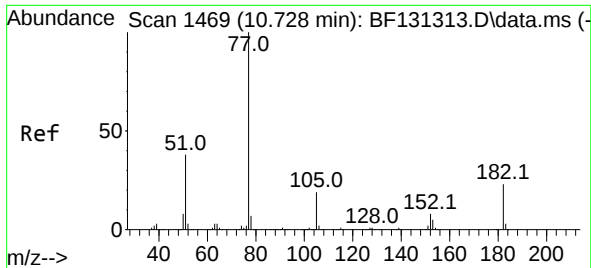
Tgt Ion:165 Resp: 24774
Ion Ratio Lower Upper
165 100
63 2.5 62.0 93.0#
89 2.1 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.361 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.194 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

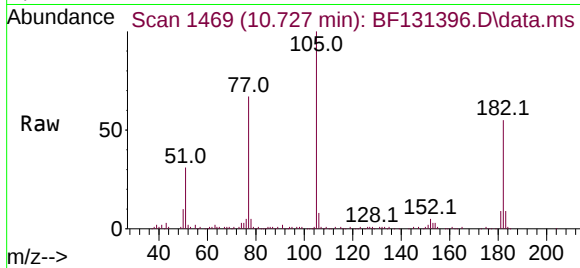
Tgt Ion:165 Resp: 24774
Ion Ratio Lower Upper
165 100
63 2.5 43.4 65.2#
89 2.1 64.0 96.0#
182 0.0 2.3 3.5#



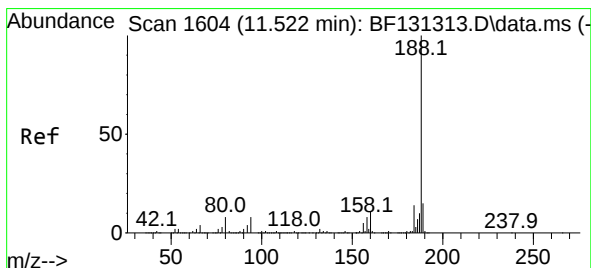
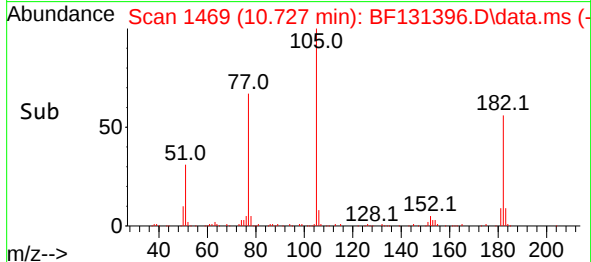
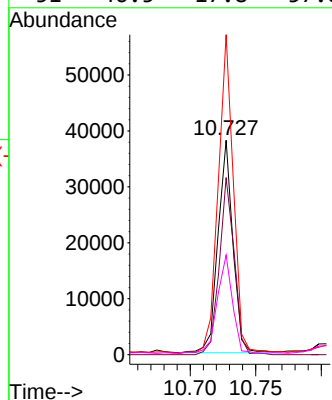


#63
Azobenzene
Concen: 2.219 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

Instrument :
BNA_F
ClientSampleId :

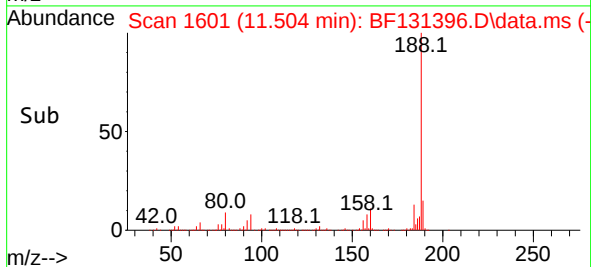
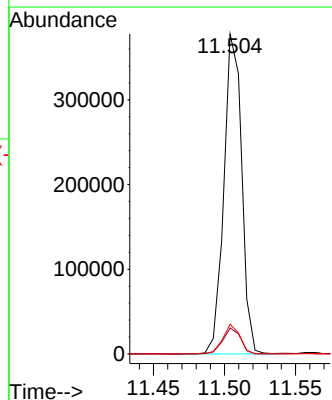
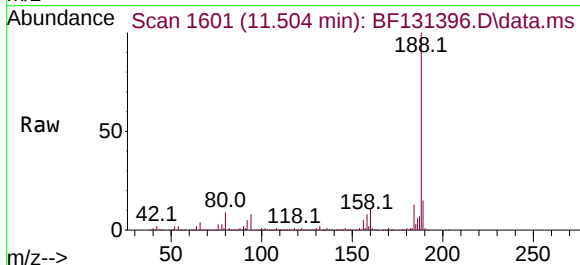


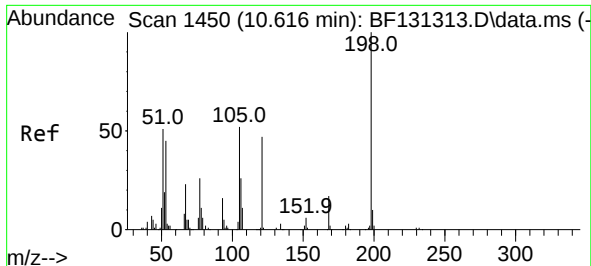
Tgt Ion: 77 Resp: 30137
Ion Ratio Lower Upper
77 100
182 82.6 3.1 43.1#
105 149.2 0.0 39.2#
51 46.5 17.8 57.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

Tgt Ion: 188 Resp: 329290
Ion Ratio Lower Upper
188 100
94 8.1 6.3 9.5
80 9.3 6.8 10.2

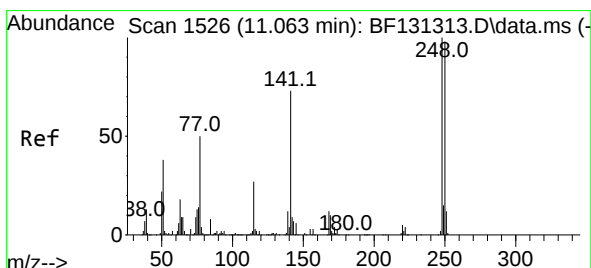
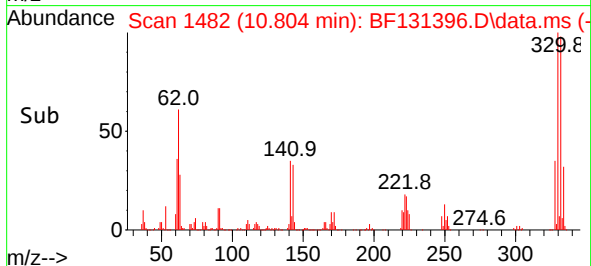
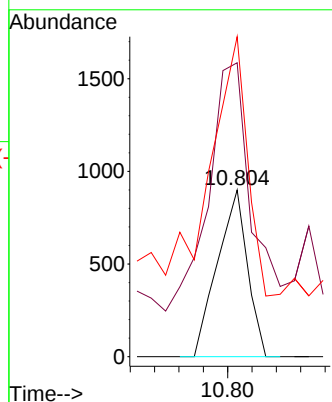
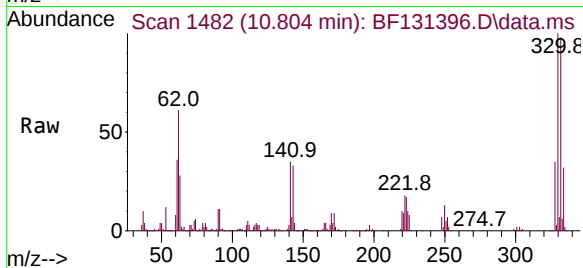




#65
4,6-Dinitro-2-methylphenol
Concen: 5.184 ng
RT: 10.804 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

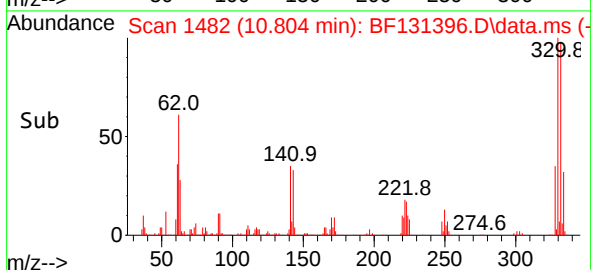
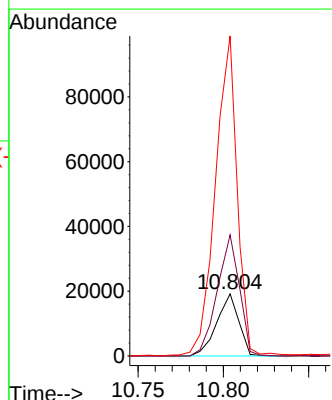
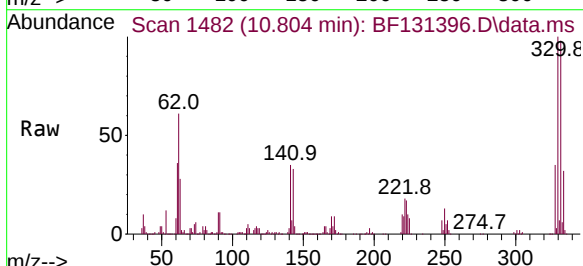
Instrument :
BNA_F
ClientSampleId :

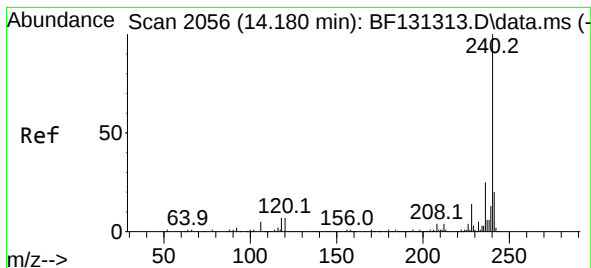
Tgt Ion:198 Resp: 769
Ion Ratio Lower Upper
198 100
51 176.2 50.1 90.1#
105 191.9 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.276 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF131396.D
Acq: 25 Nov 2022 15:06

Tgt Ion:248 Resp: 17259
Ion Ratio Lower Upper
248 100
250 195.0 78.3 117.5#
141 514.9 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: BF131396.D

Acq: 25 Nov 2022 15:06

Instrument :

BNA_F

ClientSampleId :

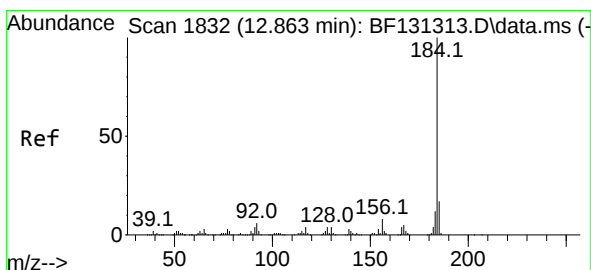
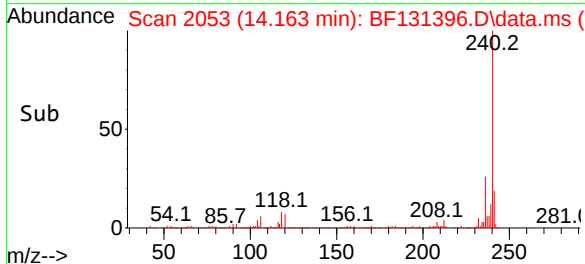
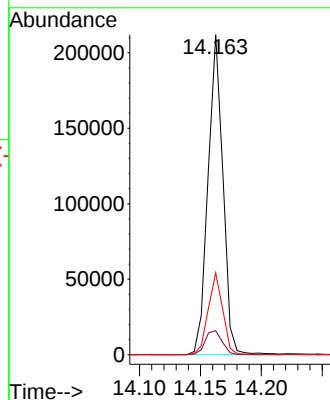
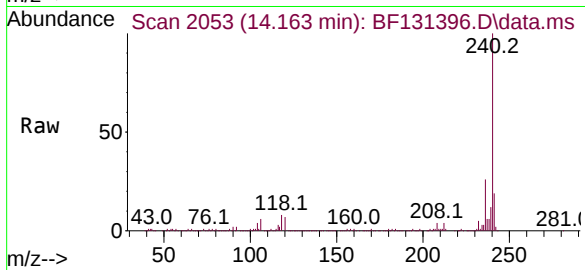
Tgt Ion:240 Resp: 179988

Ion Ratio Lower Upper

240 100

120 7.5 5.8 8.8

236 25.6 20.3 30.5



#77

Benzidine

Concen: 4.055 ng

RT: 13.104 min Scan# 1873

Delta R.T. 0.247 min

Lab File: BF131396.D

Acq: 25 Nov 2022 15:06

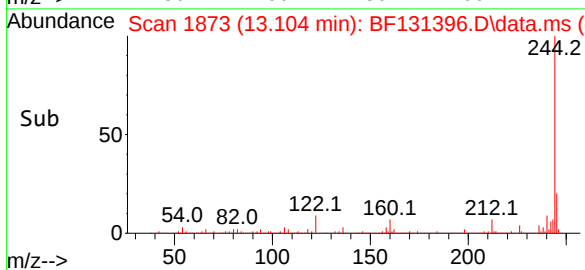
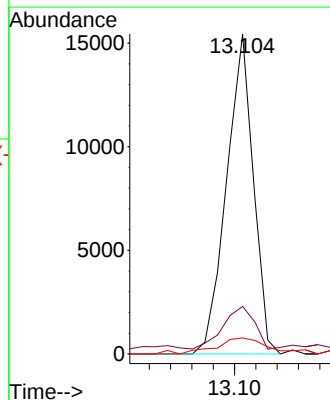
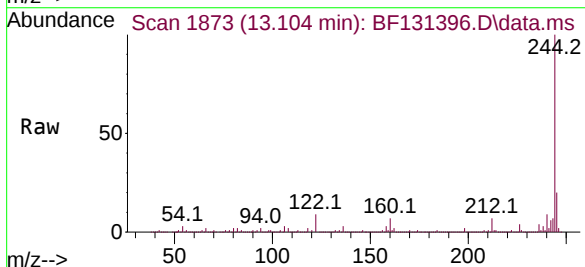
Tgt Ion:184 Resp: 13481

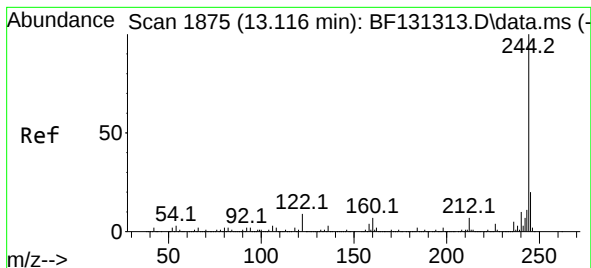
Ion Ratio Lower Upper

184 100

185 14.9 13.8 20.8

183 5.0 9.6 14.4#





#79

Terphenyl-d14

Concen: 90.037 ng

RT: 13.104 min Scan# 11

Delta R.T. -0.006 min

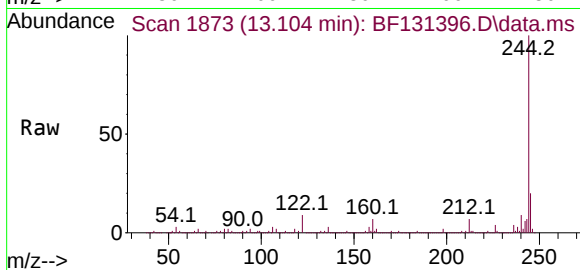
Lab File: BF131396.D

Acq: 25 Nov 2022 15:06

Instrument :

BNA_F

ClientSampleId :



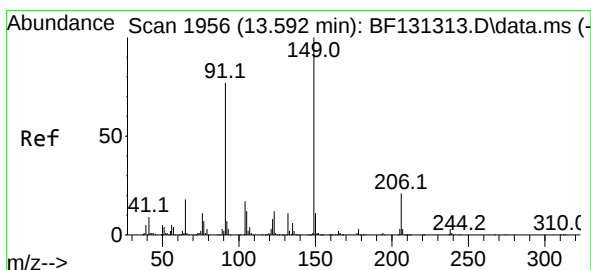
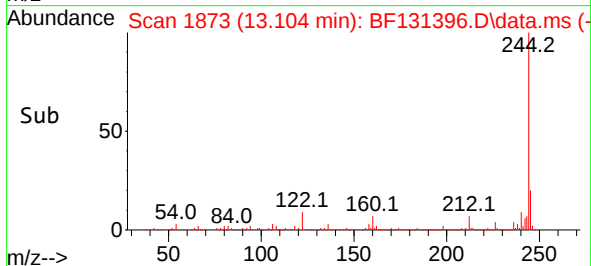
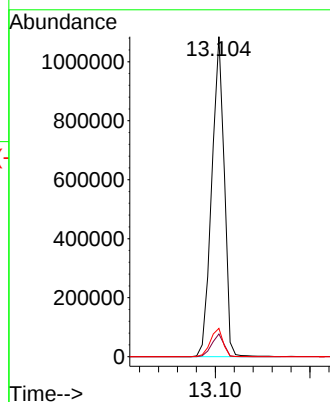
Tgt Ion:244 Resp: 991007

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 8.9 7.5 11.3



#80

Butylbenzylphthalate

Concen: 4.185 ng

RT: 13.580 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BF131396.D

Acq: 25 Nov 2022 15:06

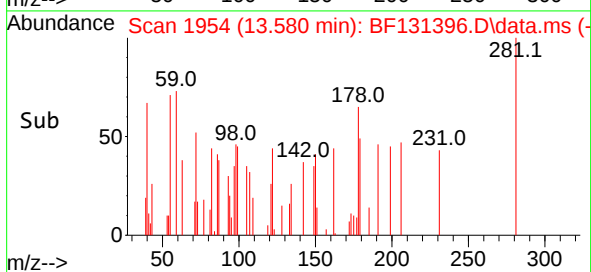
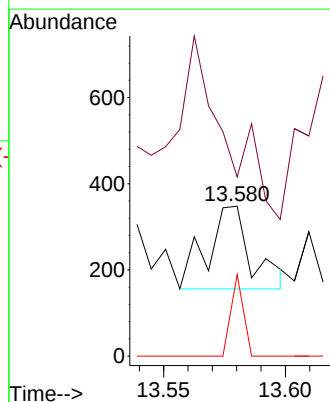
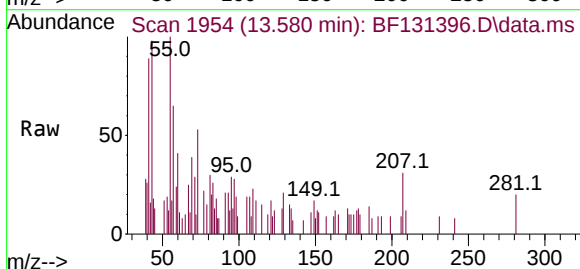
Tgt Ion:149 Resp: 241

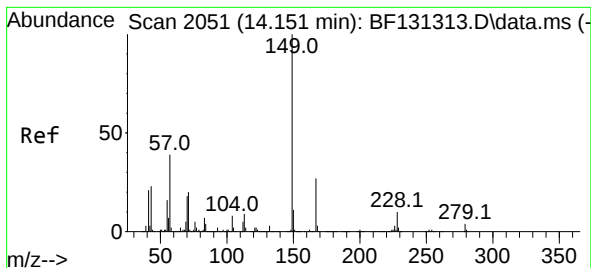
Ion Ratio Lower Upper

149 100

91 119.5 61.9 92.9#

206 54.3 16.5 24.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.181 ng

RT: 14.139 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BF131396.D

Acq: 25 Nov 2022 15:06

Instrument :

BNA_F

ClientSampleId :

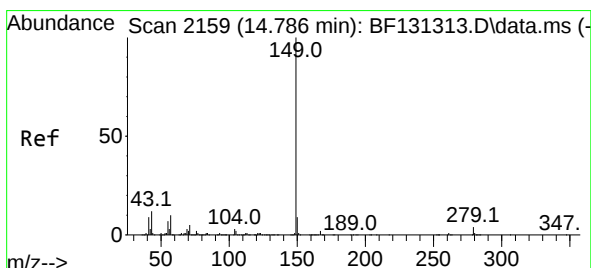
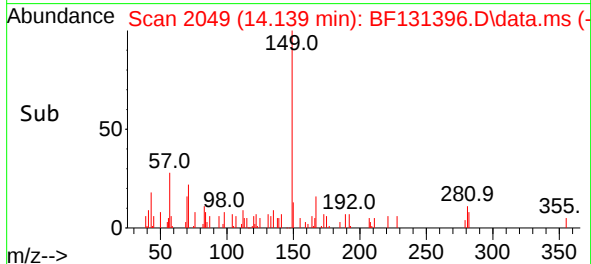
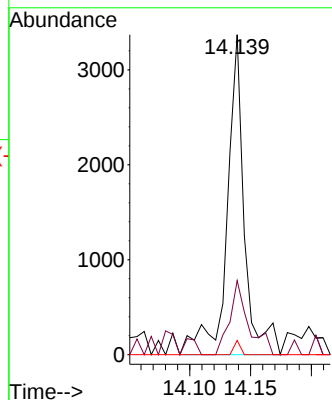
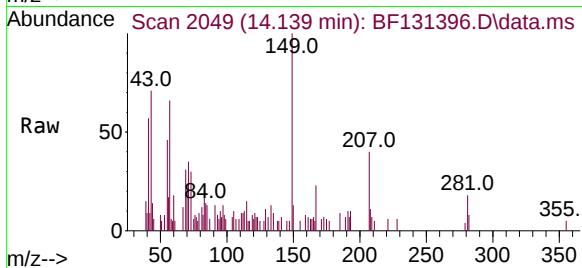
Tgt Ion:149 Resp: 3325

Ion Ratio Lower Upper

149 100

167 23.1 21.9 32.9

279 4.4 3.0 4.4#



#85

Di-n-octyl phthalate

Concen: 4.017 ng

RT: 14.762 min Scan# 2155

Delta R.T. -0.012 min

Lab File: BF131396.D

Acq: 25 Nov 2022 15:06

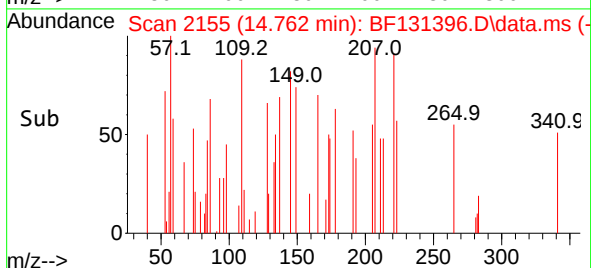
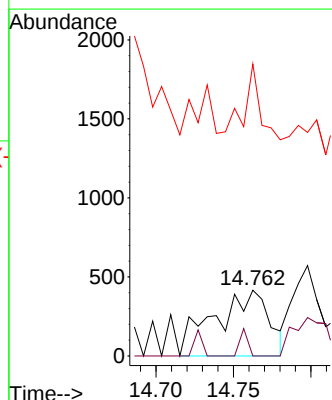
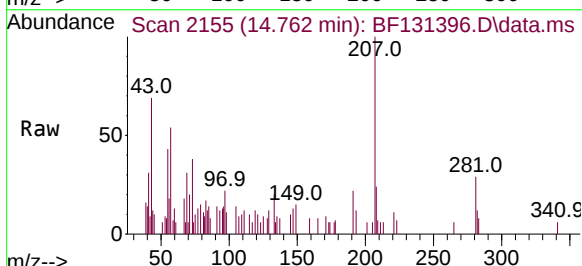
Tgt Ion:149 Resp: 1016

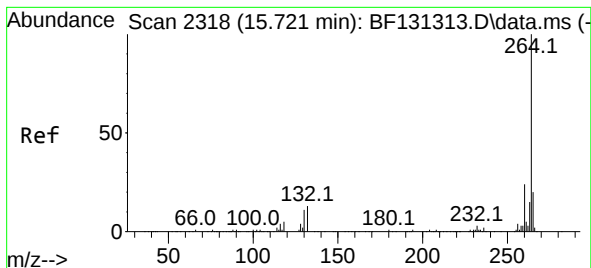
Ion Ratio Lower Upper

149 100

167 6.0 1.2 1.8#

43 32.3 10.7 16.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.704 min Scan# 21

Delta R.T. -0.006 min

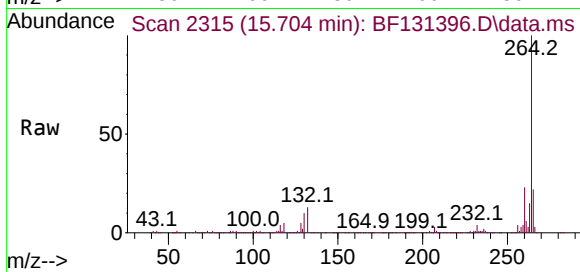
Lab File: BF131396.D

Acq: 25 Nov 2022 15:06

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 183082

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 22.2 16.4 24.6

