

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131652.D
 Acq On : 15 Dec 2022 16:47
 Operator : CG\JU
 Sample : N6038-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-35-(2.5-4.5)

Quant Time: Dec 16 01:52:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

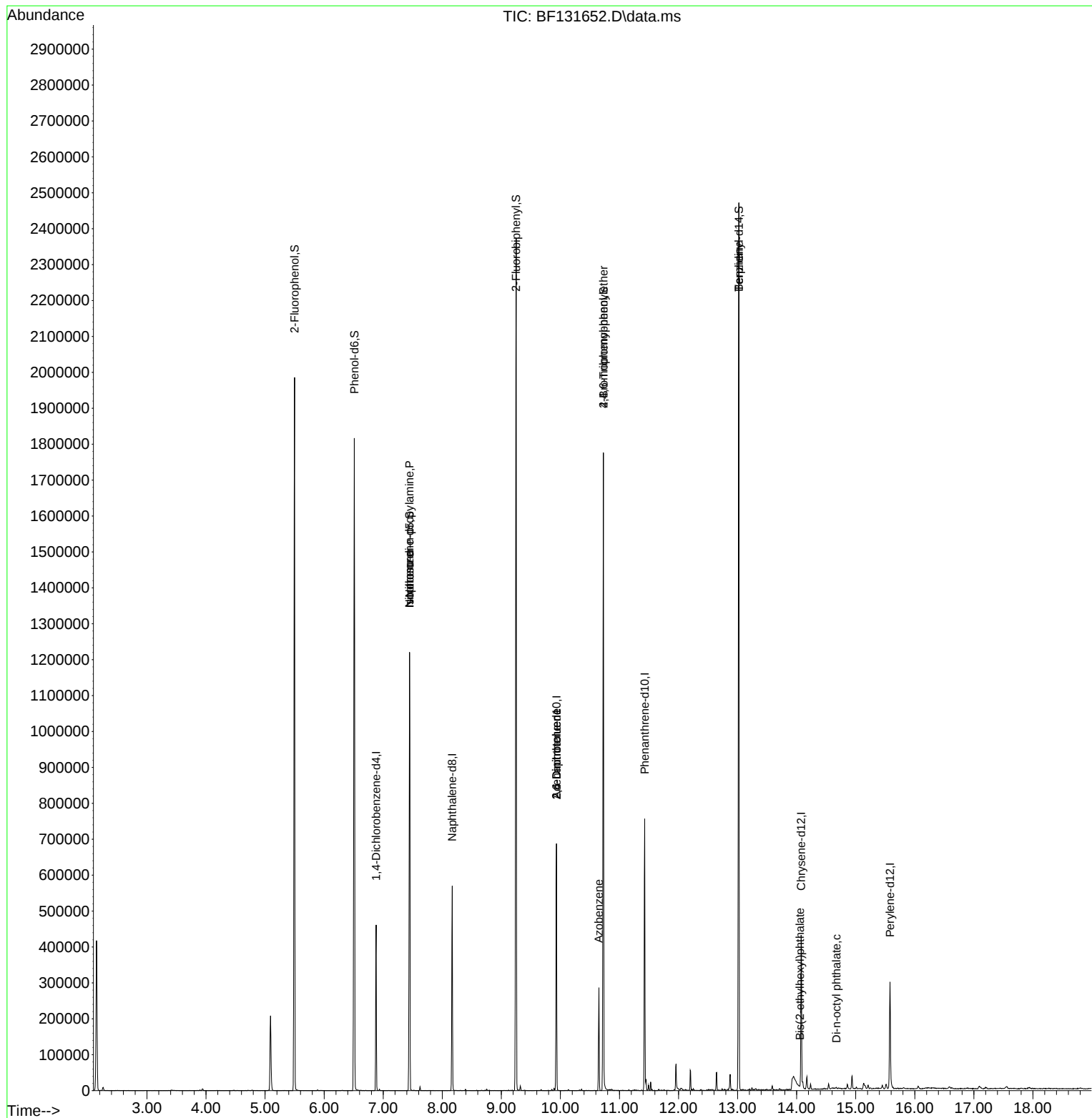
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	60904	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	221275	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	129610	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	257243	20.000	ng	0.00
76) Chrysene-d12	14.074	240	141277	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	131765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	482405	132.141	ng	0.00
7) Phenol-d6	6.510	99	632724	132.259	ng	0.00
23) Nitrobenzene-d5	7.445	82	437191	74.698	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	180629	125.436	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	726298	70.656	ng	0.00
79) Terphenyl-d14	13.022	244	809499	78.580	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	61004	17.006	ng	# 76
25) Isophorone	7.445	82	437186	46.374	ng	# 69
51) 2,6-Dinitrotoluene	9.934	165	16694	8.184	ng	# 10
57) 2,4-Dinitrotoluene	9.934	165	16694	6.170	ng	# 16
63) Azobenzene	10.651	77	47806	4.421	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	12527	3.785	ng	# 1
77) Benzidine	13.022	184	12781	3.376	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.057	149	486	3.115	ng	# 54
85) Di-n-octyl phthalate	14.674	149	434	5.262	ng	# 1

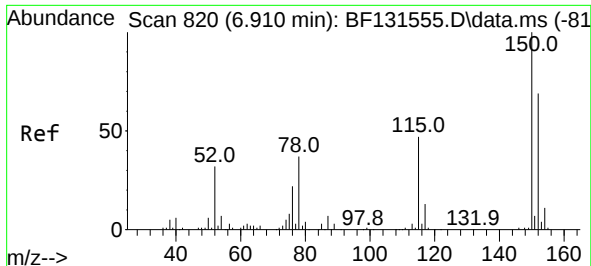
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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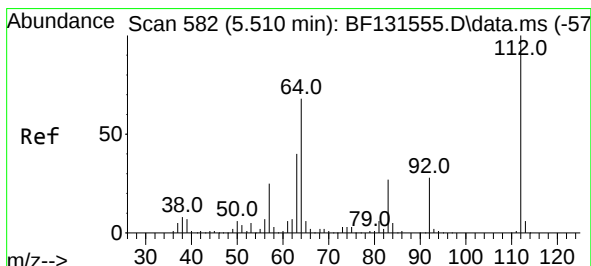
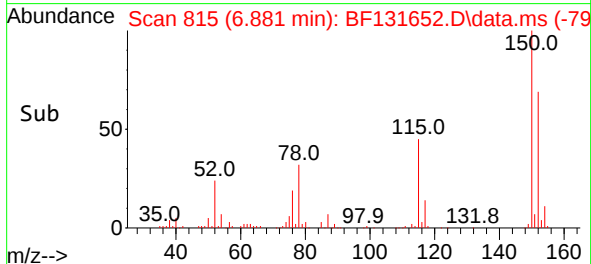
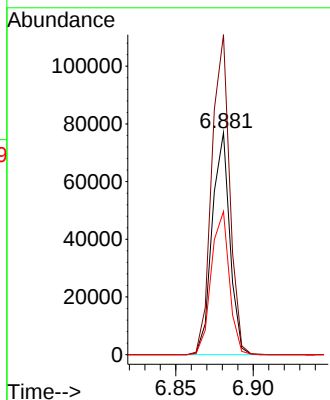
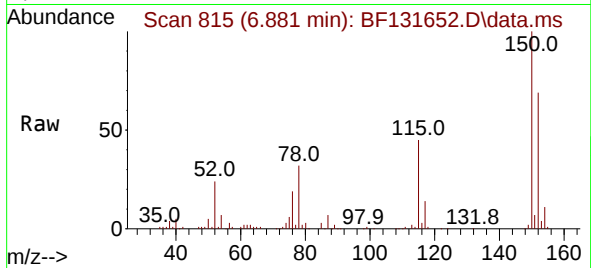




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

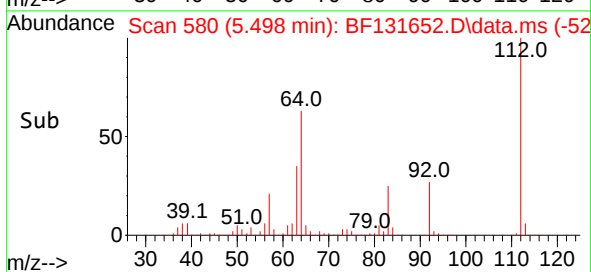
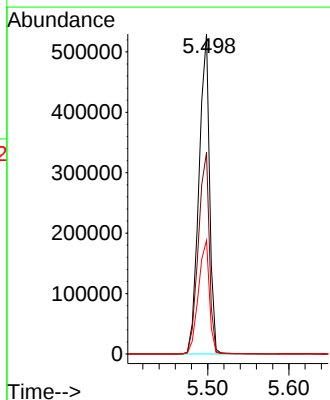
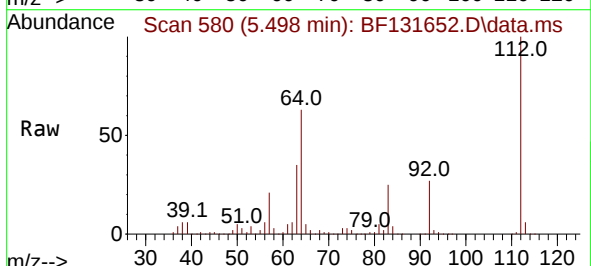
Instrument :
BNA_F
ClientSampleId :
RB-35-(2.5-4.5)

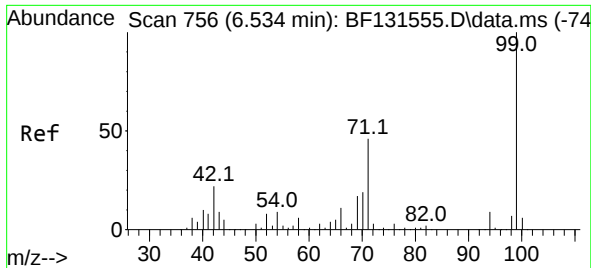
Tgt Ion:152 Resp: 60904
Ion Ratio Lower Upper
152 100
150 144.1 116.7 175.1
115 64.5 54.6 82.0



#5
2-Fluorophenol
Concen: 132.141 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

Tgt Ion:112 Resp: 482405
Ion Ratio Lower Upper
112 100
64 62.9 54.5 81.7
63 35.5 31.9 47.9

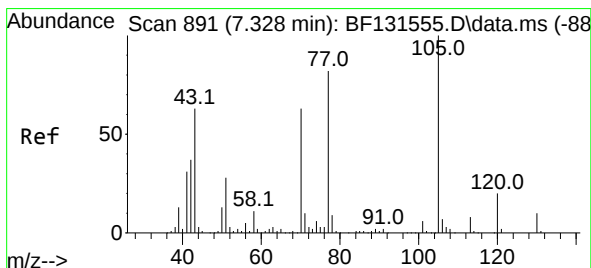
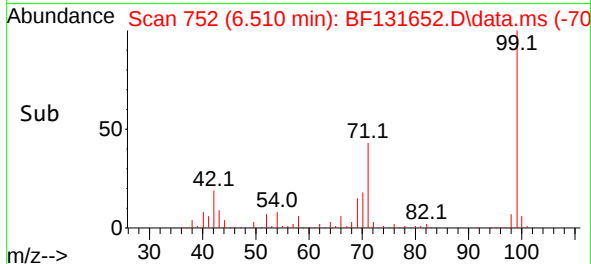
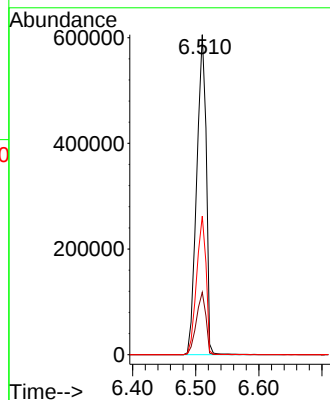
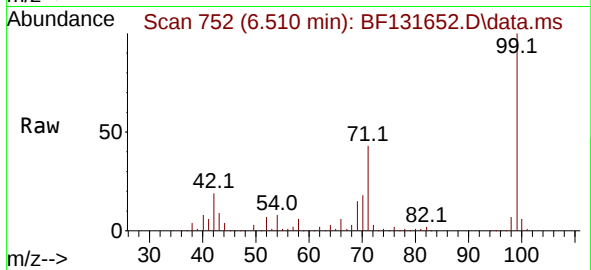




#7
Phenol-d6
Concen: 132.259 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

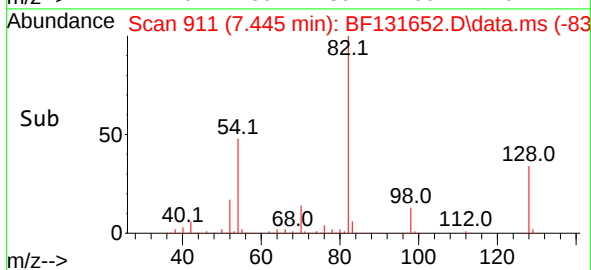
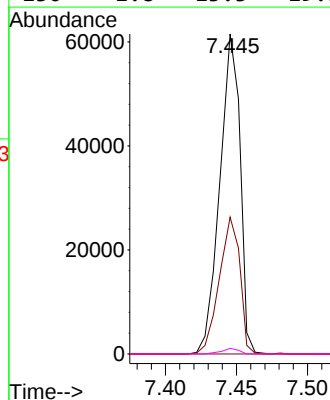
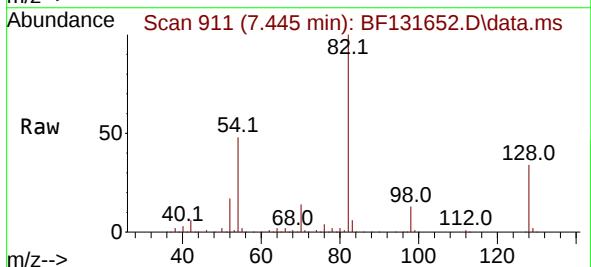
Instrument :
BNA_F
ClientSampleId :
RB-35-(2.5-4.5)

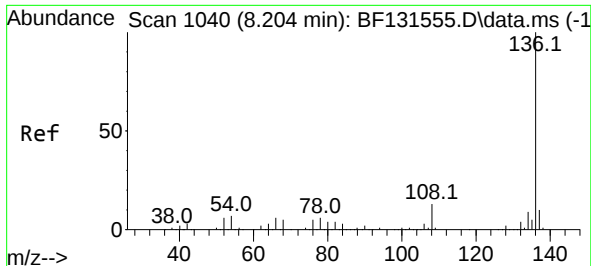
Tgt Ion: 99 Resp: 632724
Ion Ratio Lower Upper
99 100
42 19.5 17.9 26.9
71 43.3 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.006 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

Tgt Ion: 70 Resp: 61004
Ion Ratio Lower Upper
70 100
42 42.7 46.4 69.6#
101 0.0 7.2 10.8#
130 1.8 13.3 19.9#

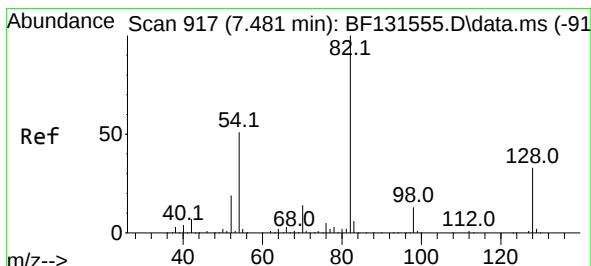
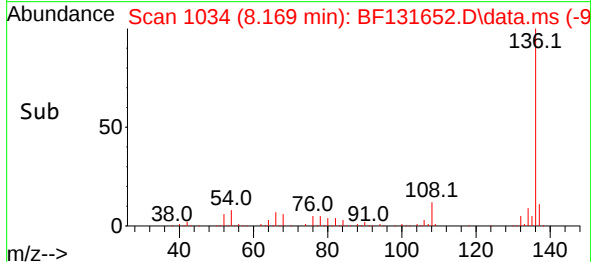
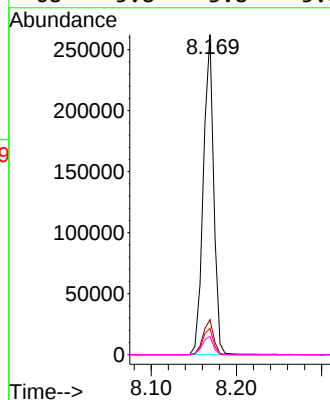
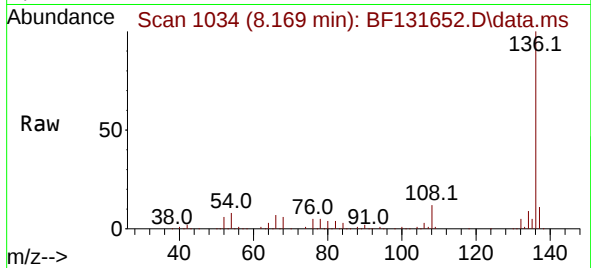




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

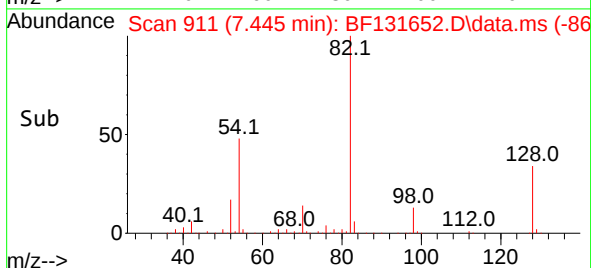
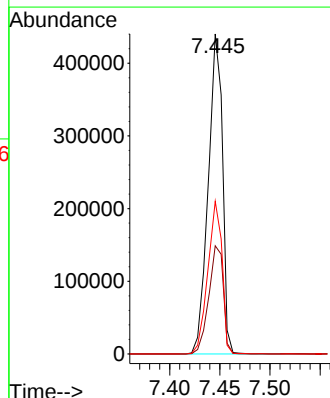
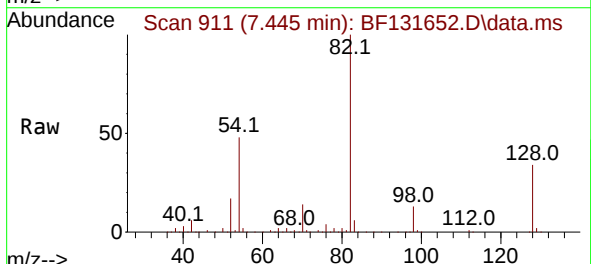
Instrument :
BNA_F
ClientSampleId :
RB-35-(2.5-4.5)

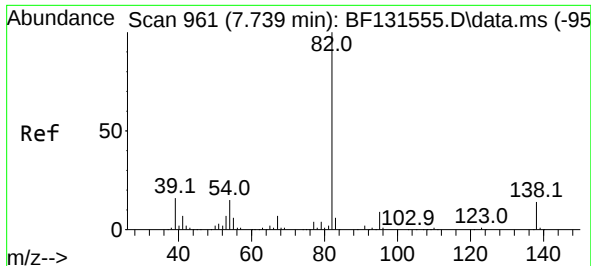
Tgt Ion:136 Resp: 221275
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 8.2 6.0 9.0
68 5.8 3.8 5.8



#23
Nitrobenzene-d5
Concen: 74.698 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

Tgt Ion: 82 Resp: 437191
Ion Ratio Lower Upper
82 100
128 33.8 26.1 39.1
54 47.7 40.6 60.8

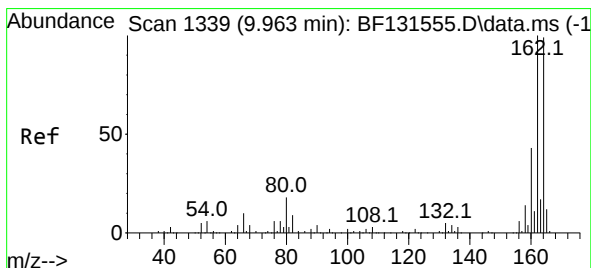
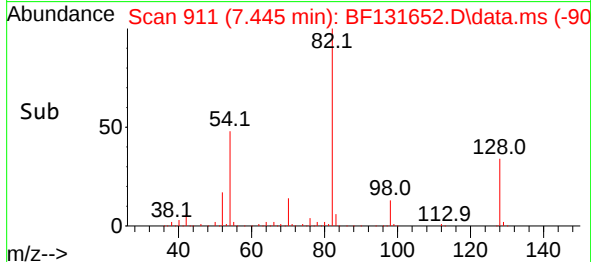
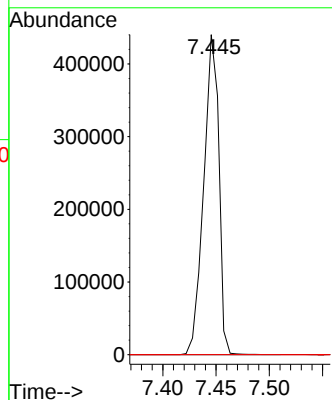
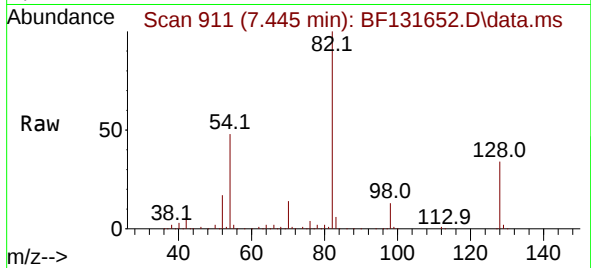




#25
Isophorone
Concen: 46.374 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

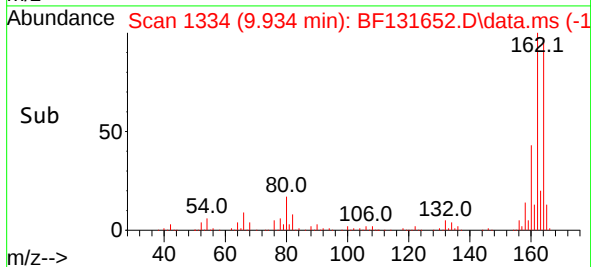
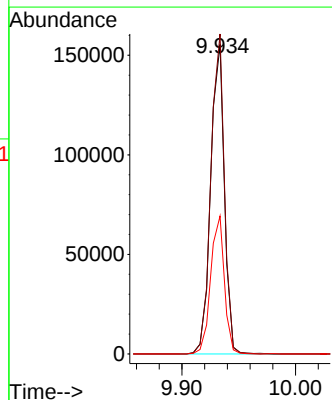
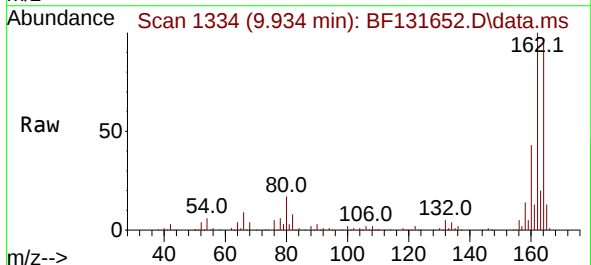
Instrument :
BNA_F
ClientSampleId :
RB-35-(2.5-4.5)

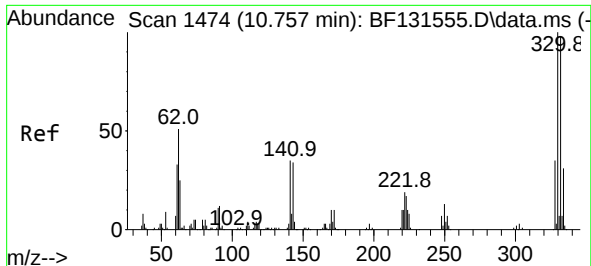
Tgt Ion: 82 Resp: 437186
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

Tgt Ion:164 Resp: 129610
Ion Ratio Lower Upper
164 100
162 103.4 81.0 121.6
160 44.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 125.436 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131652.D

Acq: 15 Dec 2022 16:47

Instrument :

BNA_F

ClientSampleId :

RB-35-(2.5-4.5)

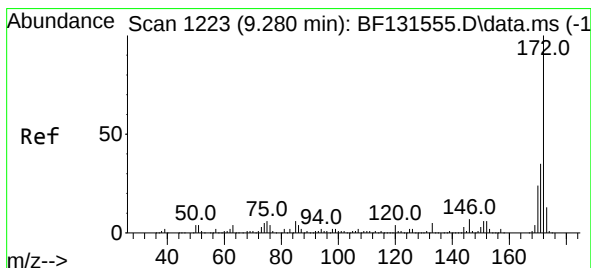
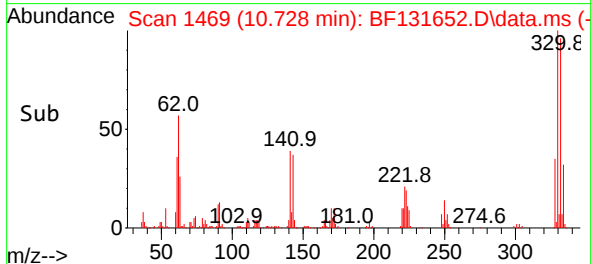
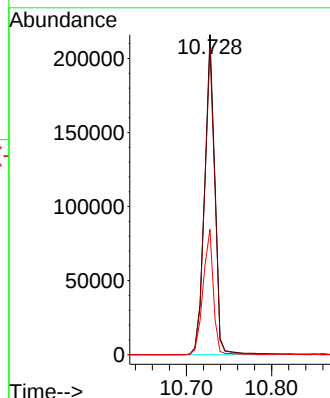
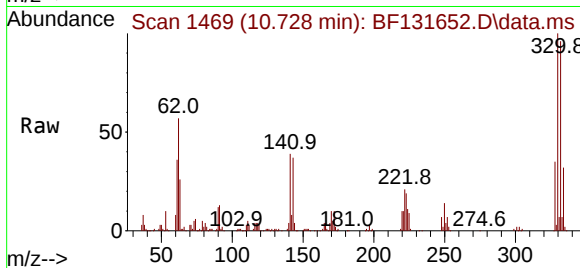
Tgt Ion:330 Resp: 180629

Ion Ratio Lower Upper

330 100

332 96.9 78.3 117.5

141 39.3 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 70.656 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131652.D

Acq: 15 Dec 2022 16:47

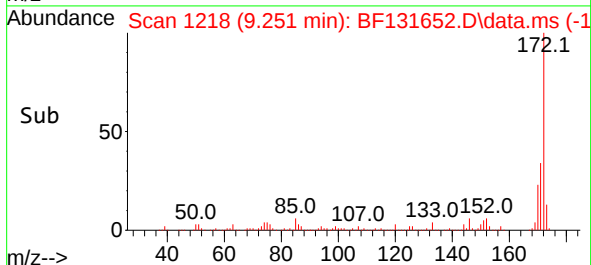
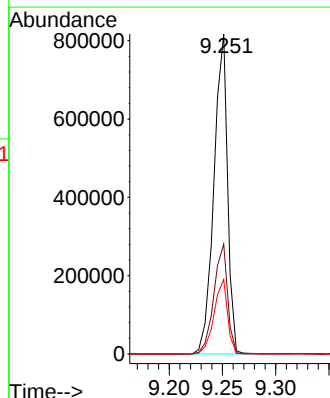
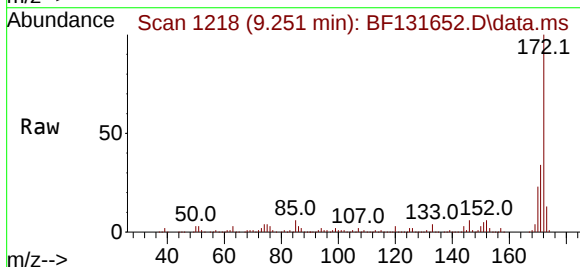
Tgt Ion:172 Resp: 726298

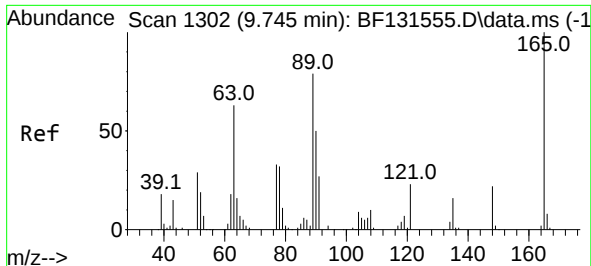
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.3 19.3 28.9

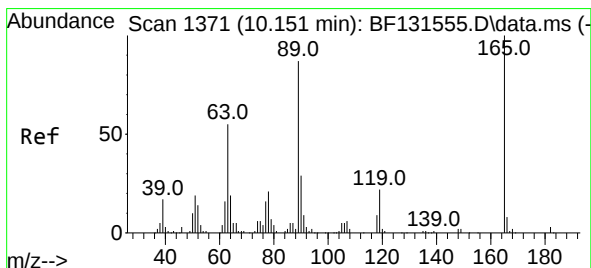
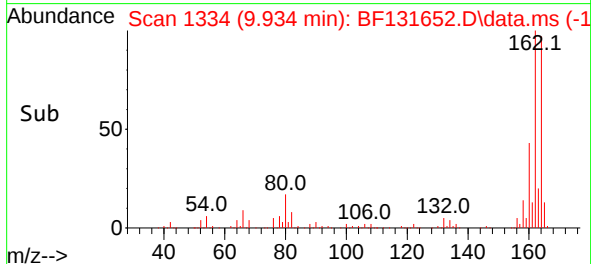
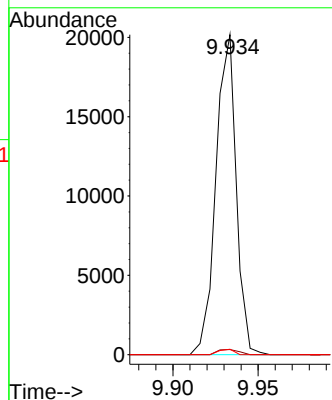
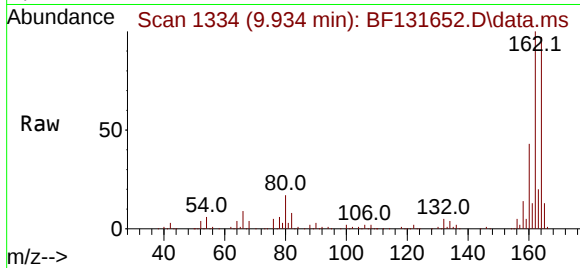




#51
2,6-Dinitrotoluene
Concen: 8.184 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

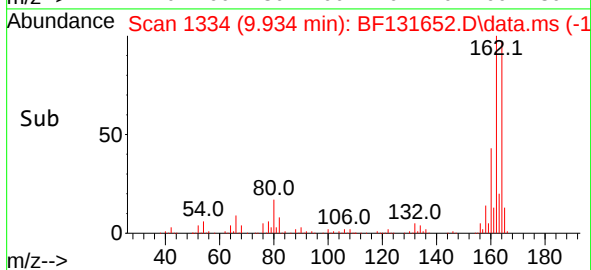
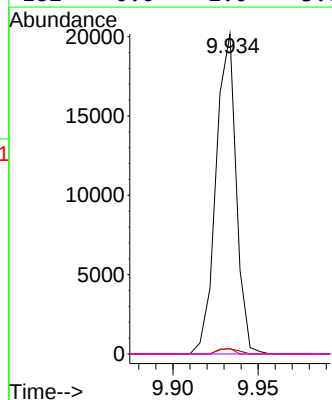
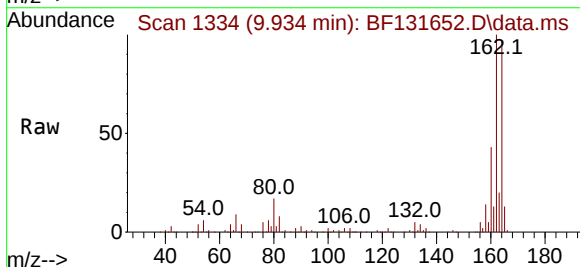
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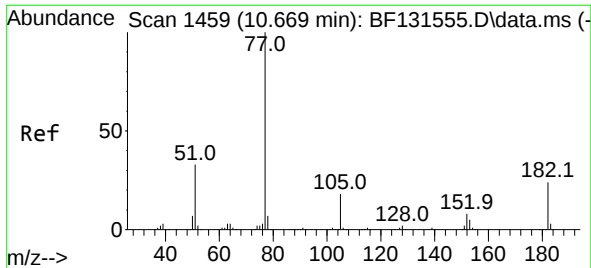
Tgt Ion:165 Resp: 16694
Ion Ratio Lower Upper
165 100
63 1.6 67.9 101.9#
89 1.7 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.170 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

Tgt Ion:165 Resp: 16694
Ion Ratio Lower Upper
165 100
63 1.6 44.4 66.6#
89 1.7 69.6 104.4#
182 0.0 2.0 3.0#

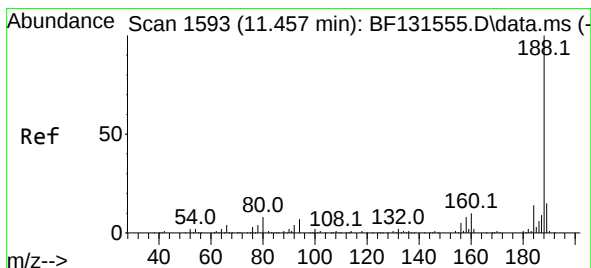
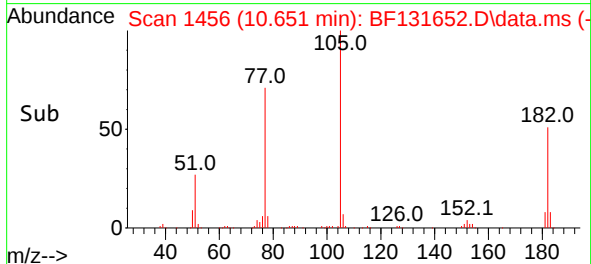
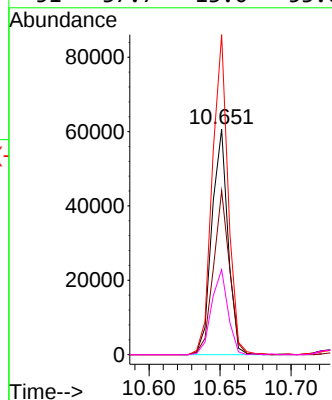
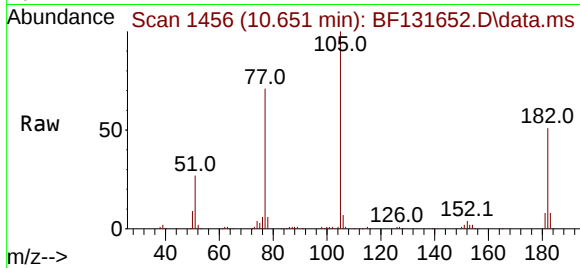




#63
 Azobenzene
 Concen: 4.421 ng
 RT: 10.651 min Scan# 14
 Delta R.T. 0.012 min
 Lab File: BF131652.D
 Acq: 15 Dec 2022 16:47

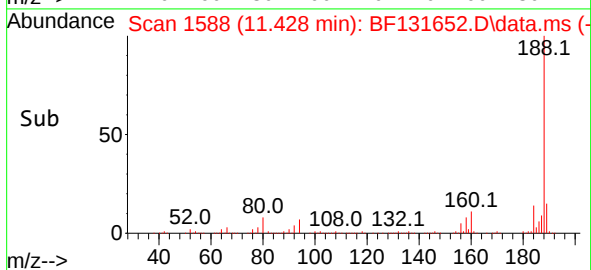
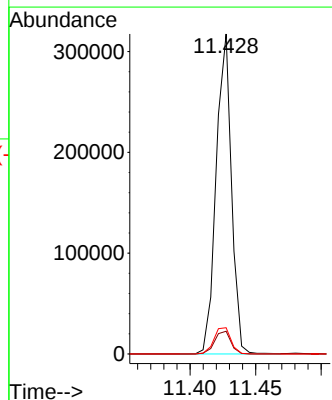
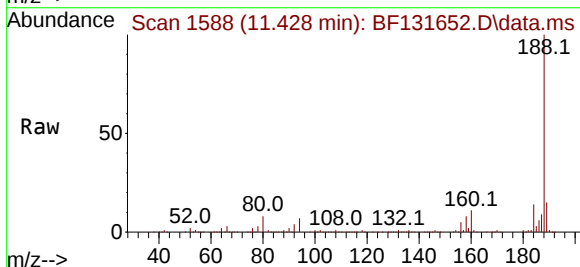
Instrument :
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 RB-35-(2.5-4.5)

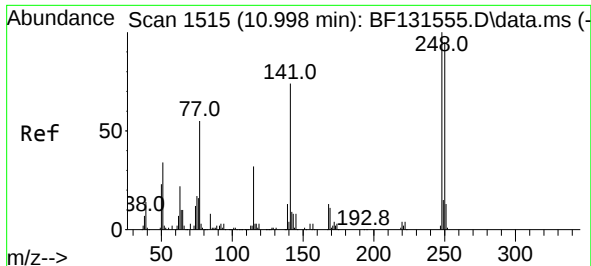
Tgt Ion: 77	Resp: 47806
Ion Ratio	Lower Upper
77 100	
182 72.8	3.9 43.9#
105 141.8	0.0 38.3#
51 37.7	13.0 53.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.428 min Scan# 1588
 Delta R.T. 0.000 min
 Lab File: BF131652.D
 Acq: 15 Dec 2022 16:47

Tgt Ion: 188	Resp: 257243
Ion Ratio	Lower Upper
188 100	
94 7.1	5.5 8.3
80 8.2	6.6 10.0

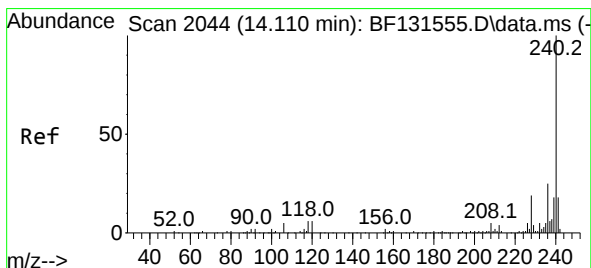
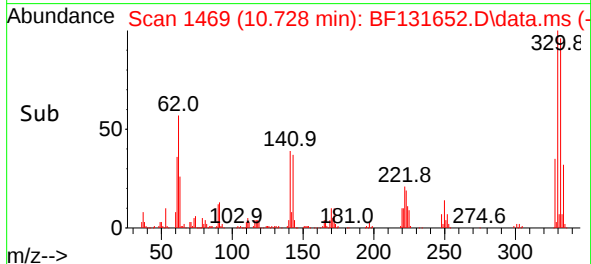
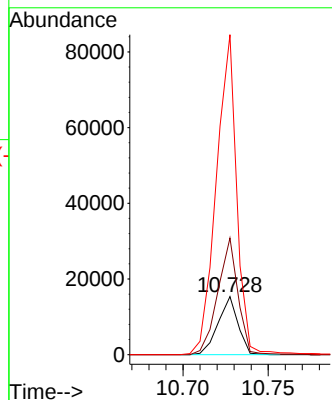
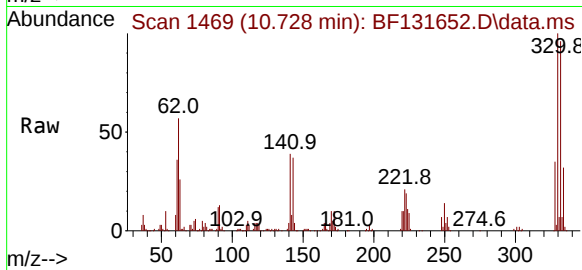




#67
4-Bromophenyl-phenylether
Concen: 3.785 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

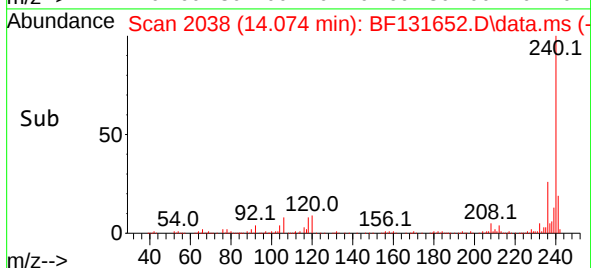
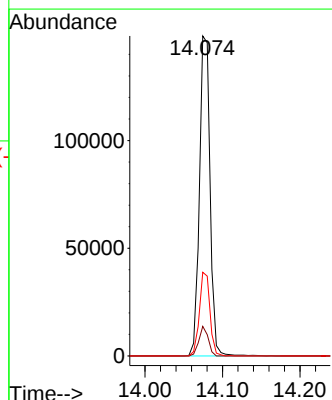
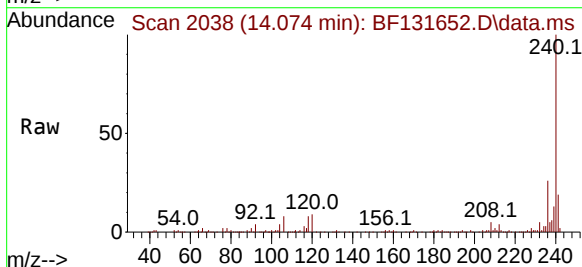
Instrument :
BNA_F
ClientSampleId :
RB-35-(2.5-4.5)

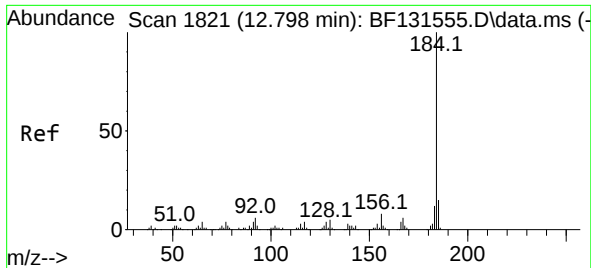
Tgt Ion:248 Resp: 12527
Ion Ratio Lower Upper
248 100
250 200.5 76.2 114.2#
141 550.3 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

Tgt Ion:240 Resp: 141277
Ion Ratio Lower Upper
240 100
120 9.3 4.6 7.0#
236 26.2 20.2 30.2

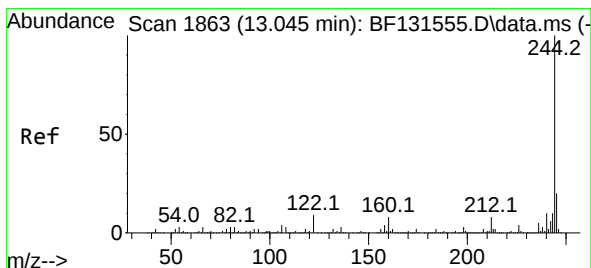
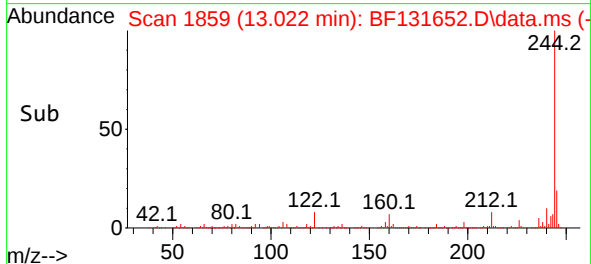
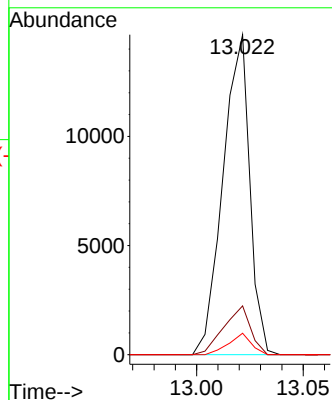
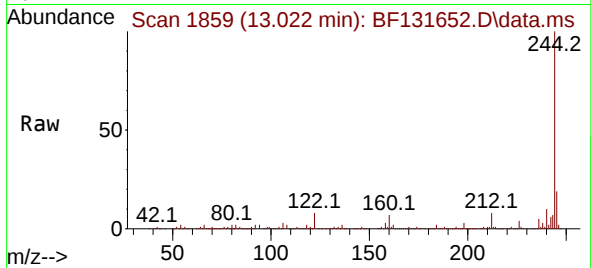




#77
Benzidine
Concen: 3.376 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

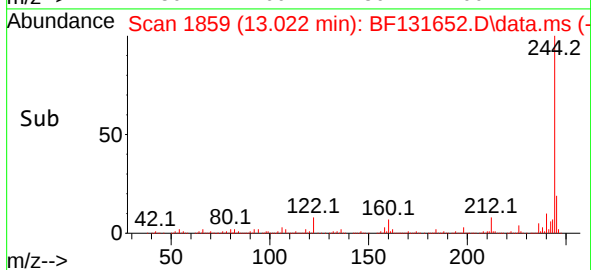
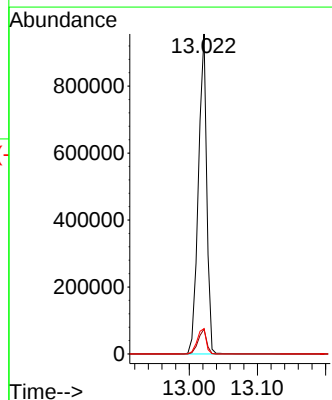
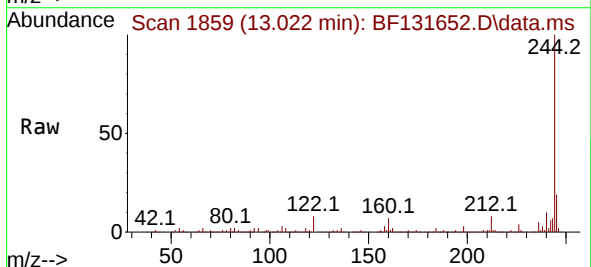
Instrument :
BNA_F
ClientSampleId :
RB-35-(2.5-4.5)

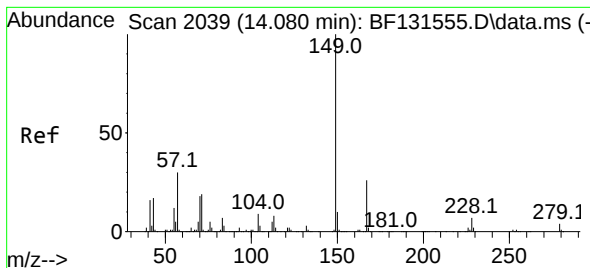
Tgt Ion:184 Resp: 12781
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 6.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 78.580 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

Tgt Ion:244 Resp: 809499
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 7.9 7.1 10.7

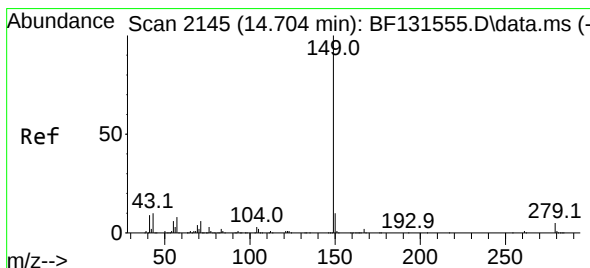
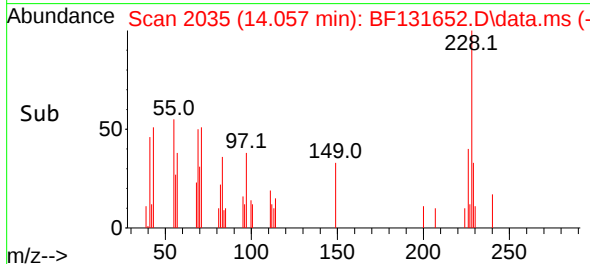
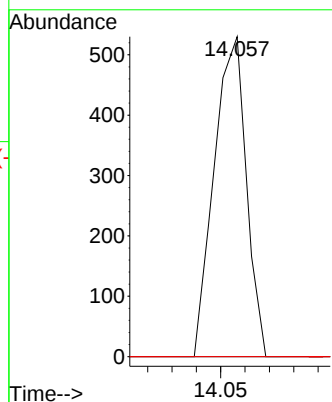
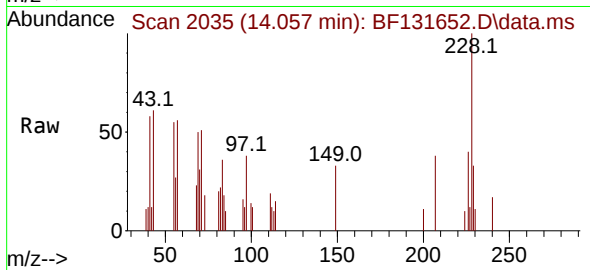




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.115 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: BF131652.D
 Acq: 15 Dec 2022 16:47

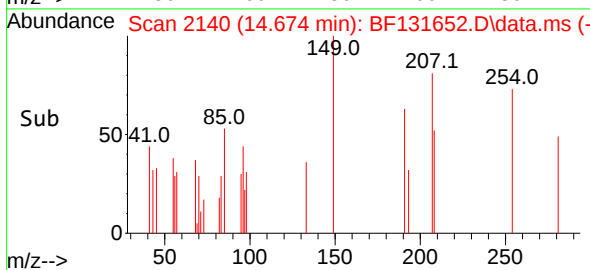
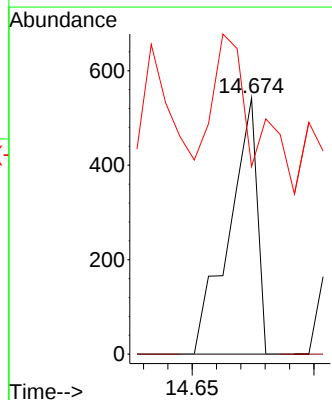
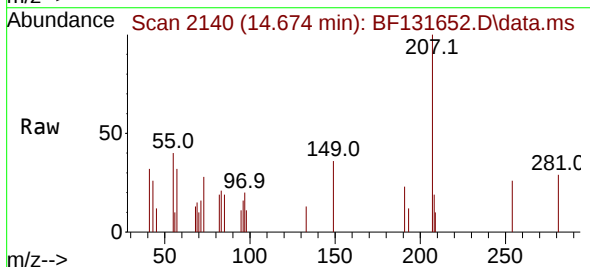
Instrument :
 BNA_F
 ClientSampleId :
 RB-35-(2.5-4.5)

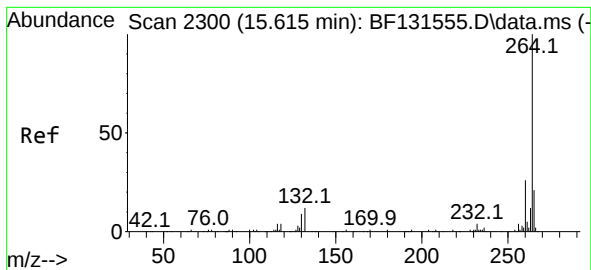
Tgt Ion:149 Resp: 486
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.8 31.2#
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 5.262 ng
 RT: 14.674 min Scan# 2140
 Delta R.T. 0.000 min
 Lab File: BF131652.D
 Acq: 15 Dec 2022 16:47

Tgt Ion:149 Resp: 434
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 97.5 8.6 13.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131652.D

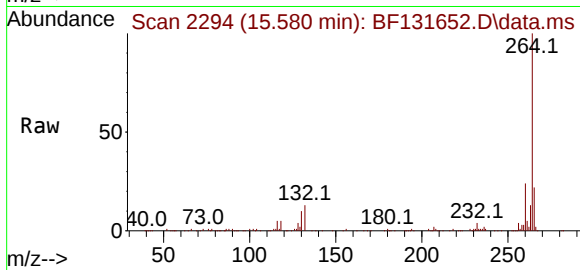
Acq: 15 Dec 2022 16:47

Instrument :

BNA_F

ClientSampleId :

RB-35-(2.5-4.5)



Tgt Ion:264 Resp: 131765

Ion Ratio Lower Upper

264 100

260 23.7 20.6 30.8

265 22.1 16.8 25.2

