

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131644.D
 Acq On : 15 Dec 2022 12:25
 Operator : CG\JU
 Sample : N6038-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-29-(8-10)

Quant Time: Dec 16 01:48:12 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)

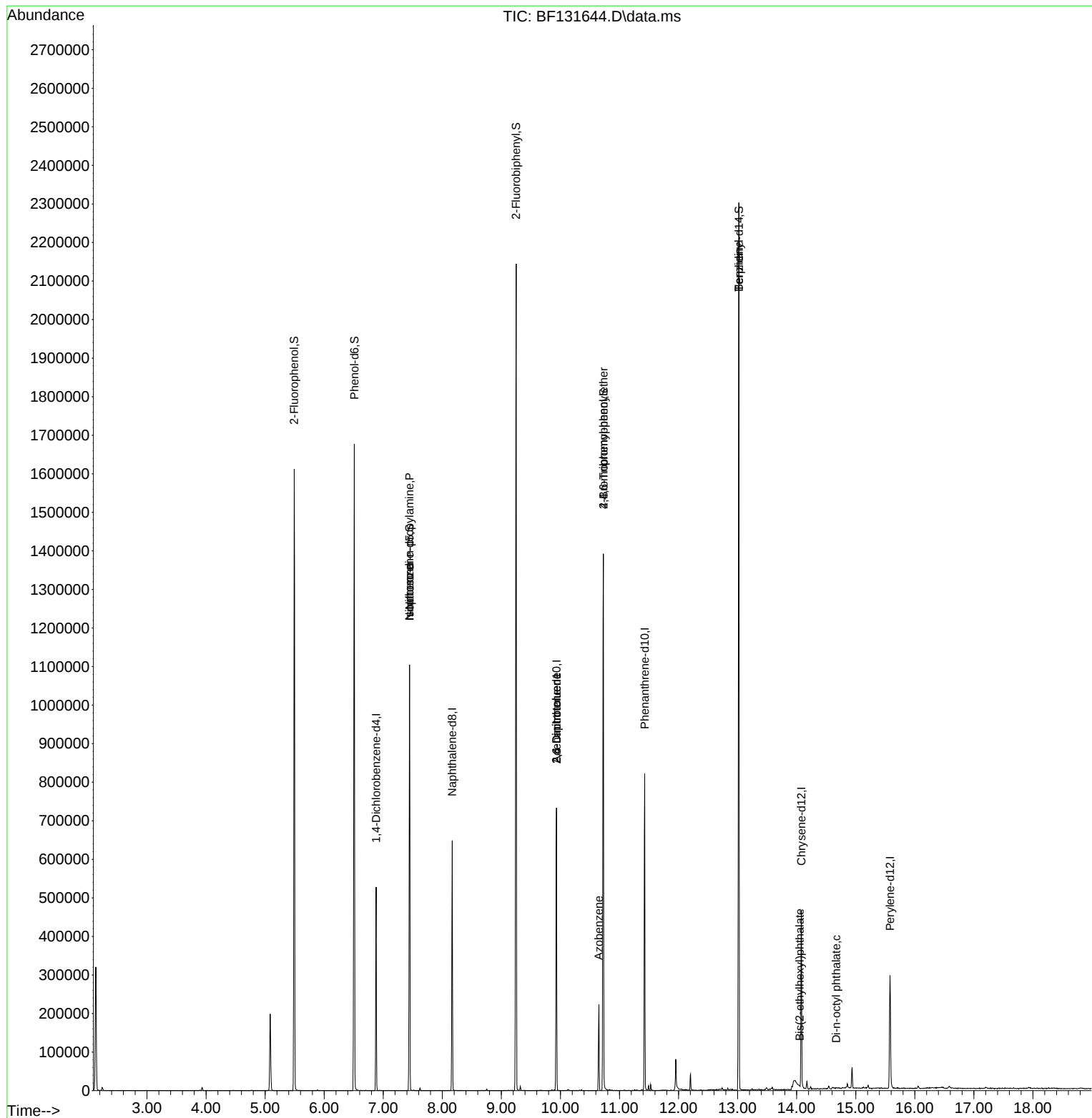
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	66717	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	243555	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	140042	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	278914	20.000	ng	0.00
76) Chrysene-d12	14.080	240	154859	20.000	ng	0.00
86) Perylene-d12	15.580	264	142767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	397155	99.310	ng	0.00
7) Phenol-d6	6.510	99	512053	97.709	ng	0.00
23) Nitrobenzene-d5	7.445	82	360312	55.931	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	148609	95.513	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	631663	56.872	ng	0.00
79) Terphenyl-d14	13.021	244	717187	63.513	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	49658	12.637	ng	# 76
25) Isophorone	7.445	82	360305	34.723	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	18359	8.330	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	18359	6.280	ng	# 16
63) Azobenzene	10.651	77	38654	3.308	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	9994	2.785	ng	# 1
77) Benzidine	13.021	184	11241	2.709	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.051	149	656	3.134	ng	# 67
85) Di-n-octyl phthalate	14.668	149	619	5.275	ng	# 1

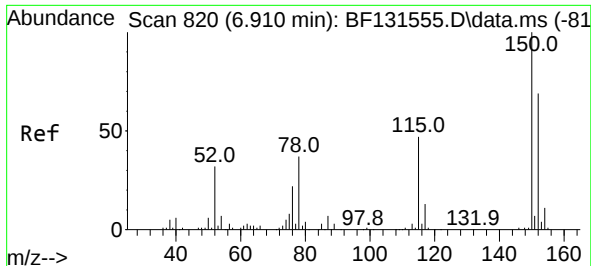
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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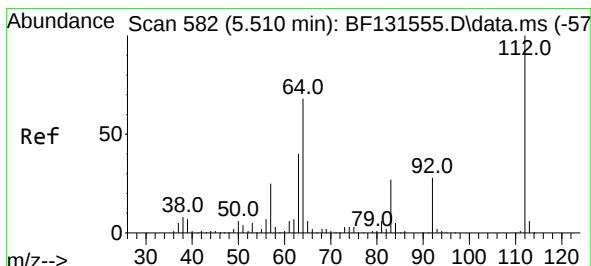
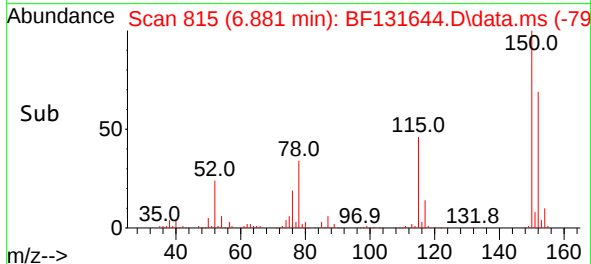
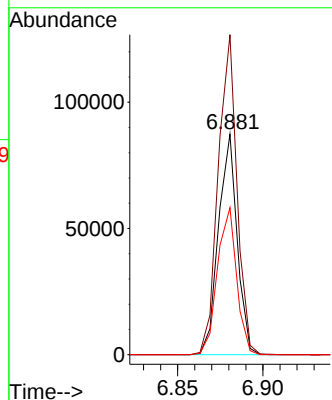
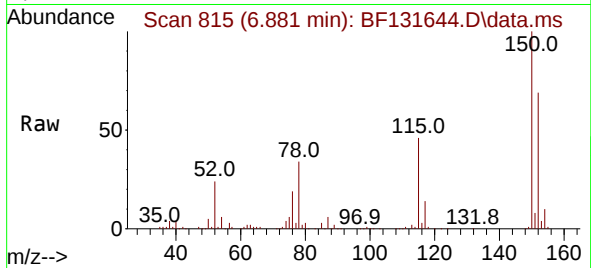




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131644.D
Acq: 15 Dec 2022 12:25

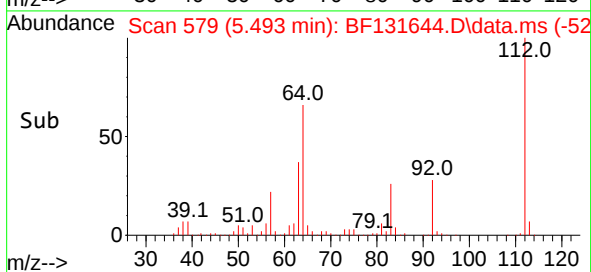
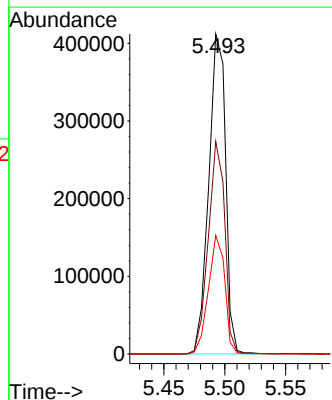
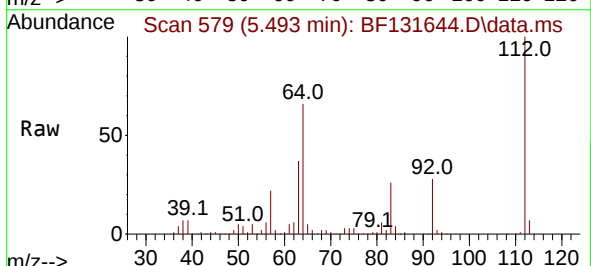
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)

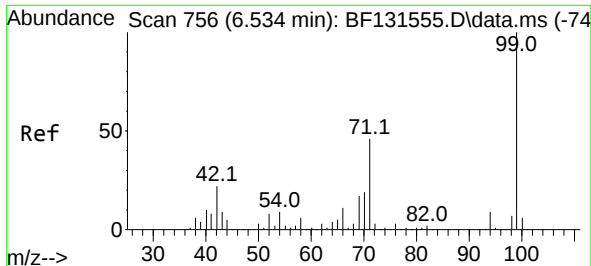
Tgt Ion:152 Resp: 66717
Ion Ratio Lower Upper
152 100
150 145.1 116.7 175.1
115 66.7 54.6 82.0



#5
2-Fluorophenol
Concen: 99.310 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF131644.D
Acq: 15 Dec 2022 12:25

Tgt Ion:112 Resp: 397155
Ion Ratio Lower Upper
112 100
64 66.4 54.5 81.7
63 37.0 31.9 47.9

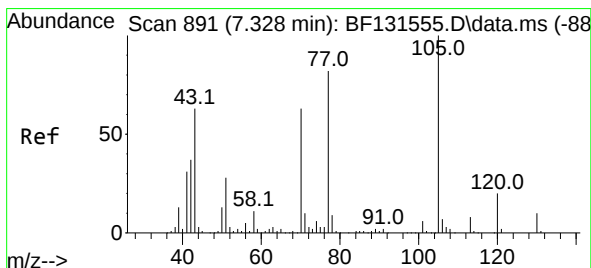
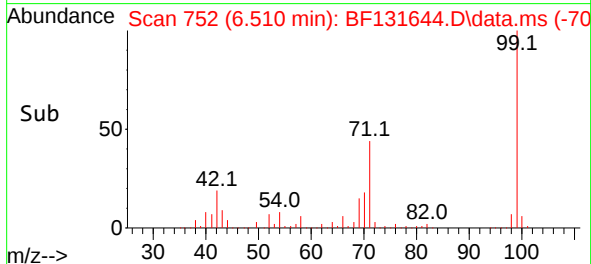
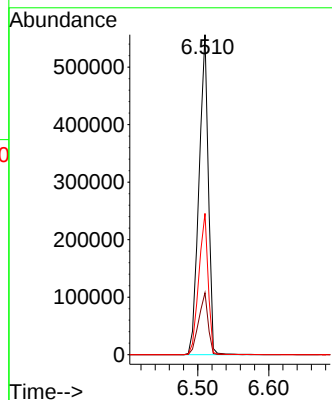
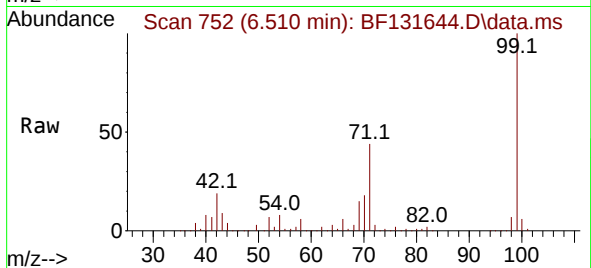




#7
Phenol-d6
Concen: 97.709 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131644.D
Acq: 15 Dec 2022 12:25

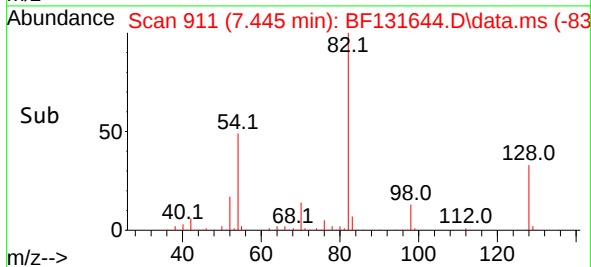
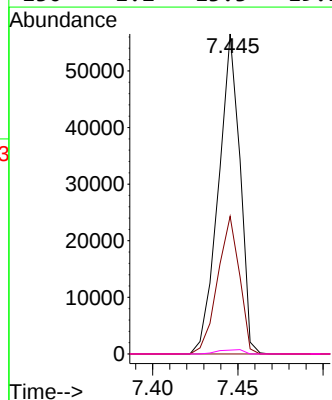
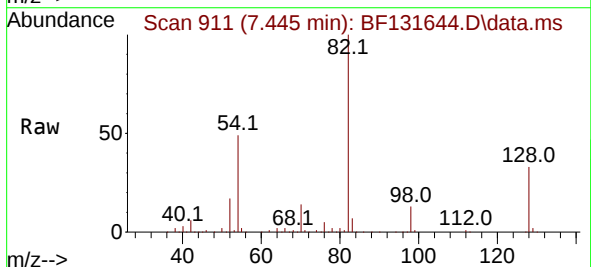
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)

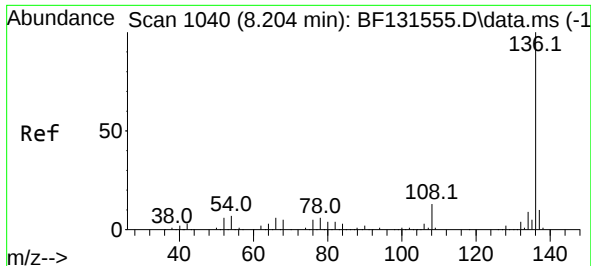
Tgt Ion: 99 Resp: 512053
Ion Ratio Lower Upper
99 100
42 19.4 17.9 26.9
71 44.1 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.637 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF131644.D
Acq: 15 Dec 2022 12:25

Tgt Ion: 70 Resp: 49658
Ion Ratio Lower Upper
70 100
42 43.0 46.4 69.6#
101 0.0 7.2 10.8#
130 1.2 13.3 19.9#

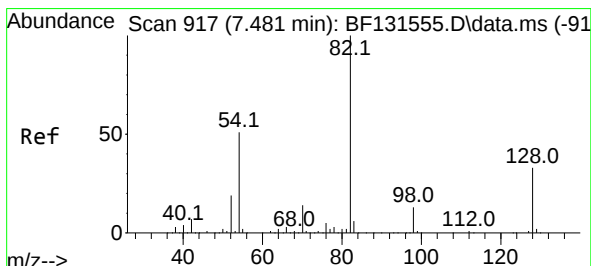
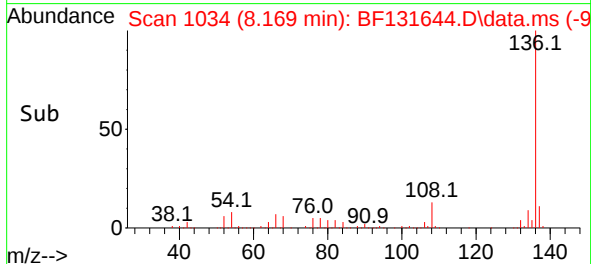
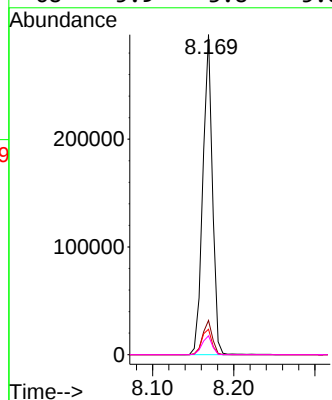
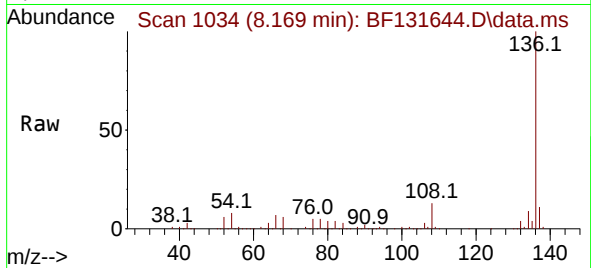




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131644.D
Acq: 15 Dec 2022 12:25

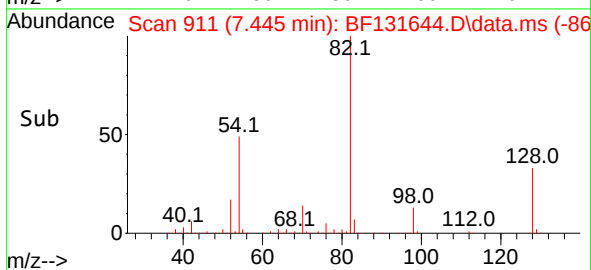
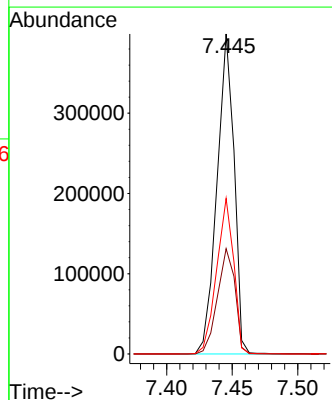
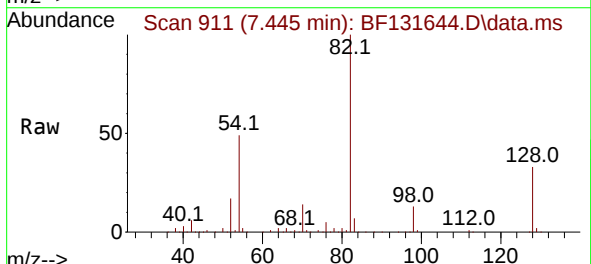
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)

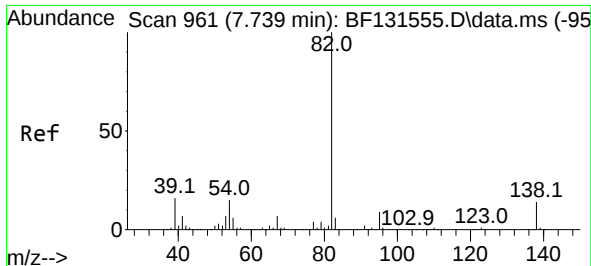
Tgt Ion:136 Resp: 243555
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 8.0 6.0 9.0
68 5.9 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 55.931 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131644.D
Acq: 15 Dec 2022 12:25

Tgt Ion: 82 Resp: 360312
Ion Ratio Lower Upper
82 100
128 32.9 26.1 39.1
54 48.6 40.6 60.8

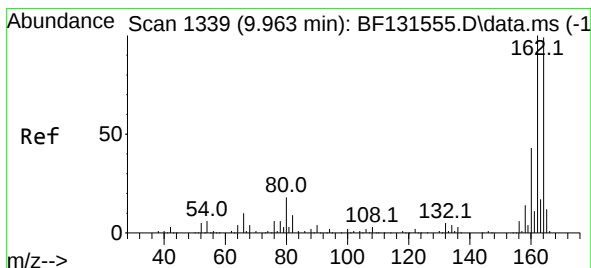
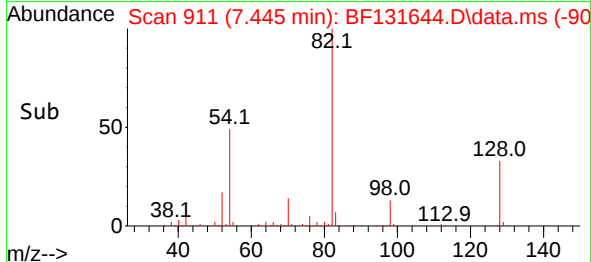
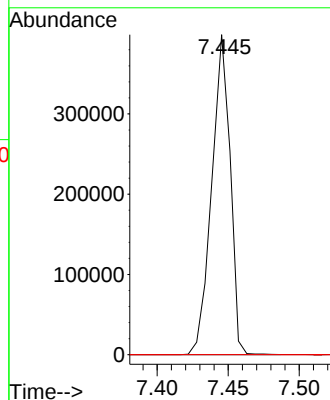
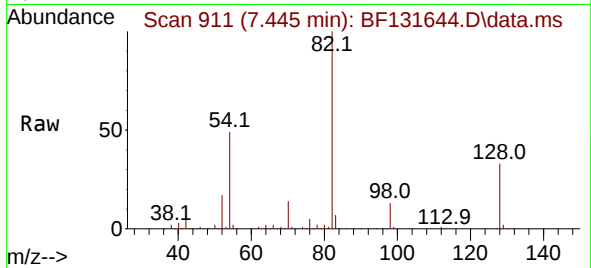




#25
Isophorone
Concen: 34.723 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF131644.D
Acq: 15 Dec 2022 12:25

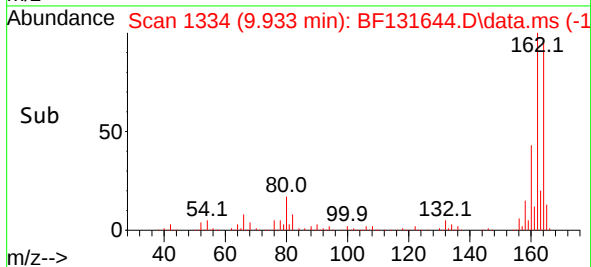
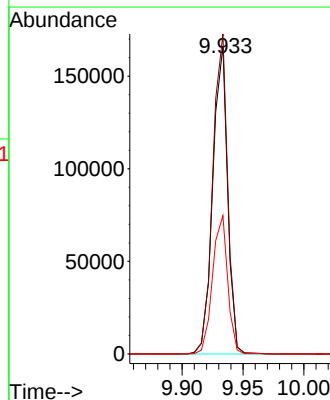
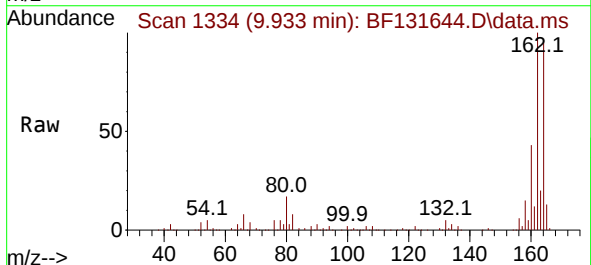
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)

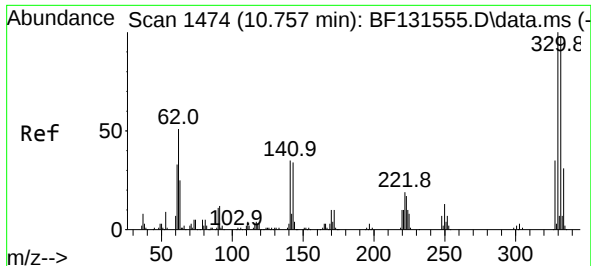
Tgt Ion: 82 Resp: 360305
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131644.D
Acq: 15 Dec 2022 12:25

Tgt Ion:164 Resp: 140042
Ion Ratio Lower Upper
164 100
162 103.9 81.0 121.6
160 44.9 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 95.513 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131644.D

Acq: 15 Dec 2022 12:25

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)

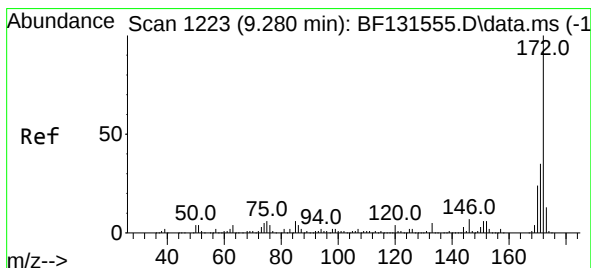
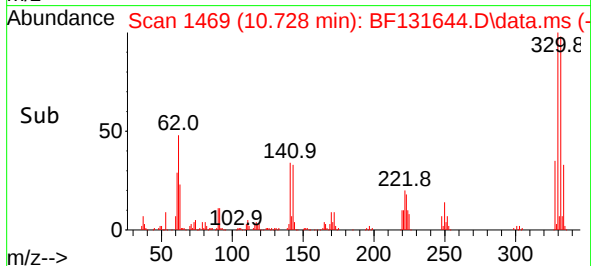
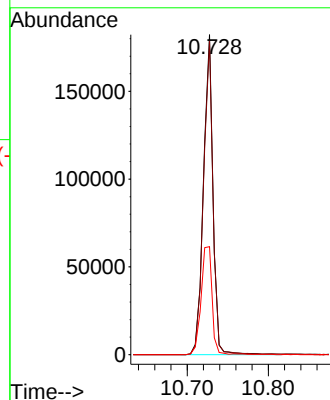
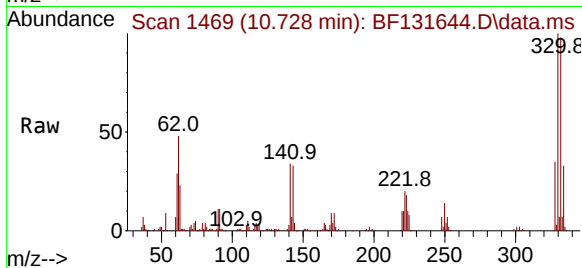
Tgt Ion:330 Resp: 148609

Ion Ratio Lower Upper

330 100

332 97.9 78.3 117.5

141 39.3 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 56.872 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131644.D

Acq: 15 Dec 2022 12:25

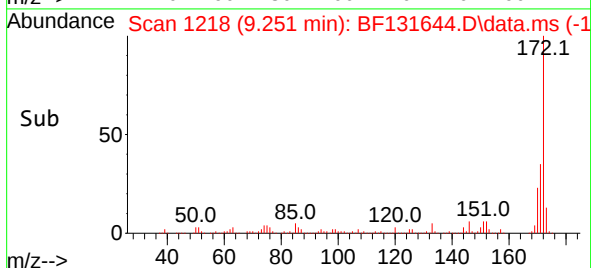
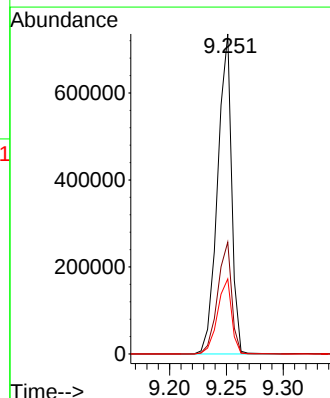
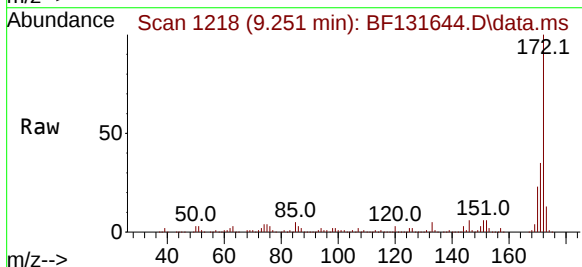
Tgt Ion:172 Resp: 631663

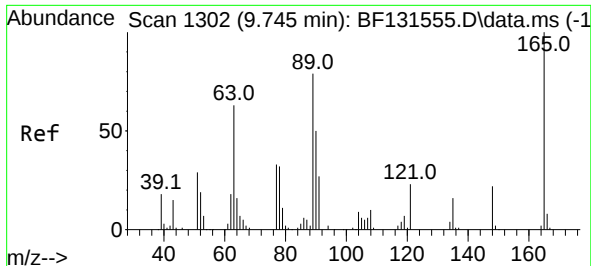
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.5 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 8.330 ng

RT: 9.933 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF131644.D

Acq: 15 Dec 2022 12:25

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)

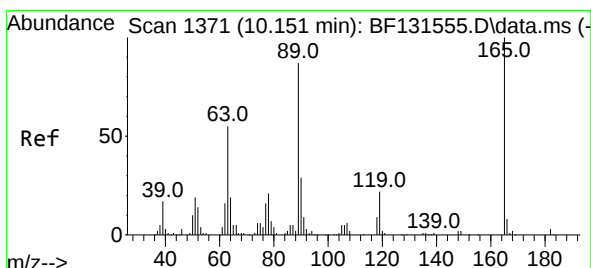
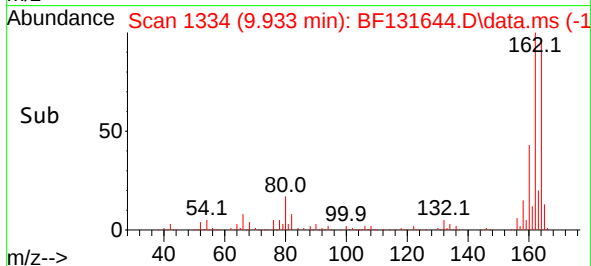
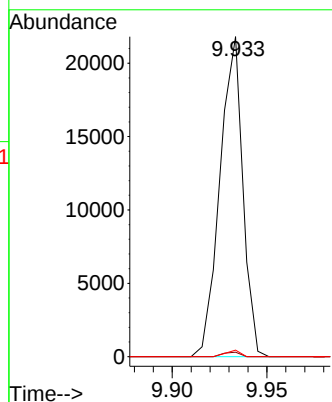
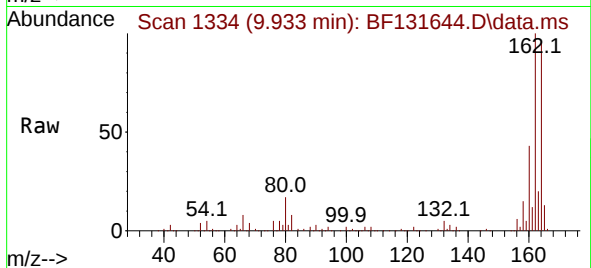
Tgt Ion:165 Resp: 18359

Ion Ratio Lower Upper

165 100

63 1.4 67.9 101.9#

89 2.1 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 6.280 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.194 min

Lab File: BF131644.D

Acq: 15 Dec 2022 12:25

Tgt Ion:165 Resp: 18359

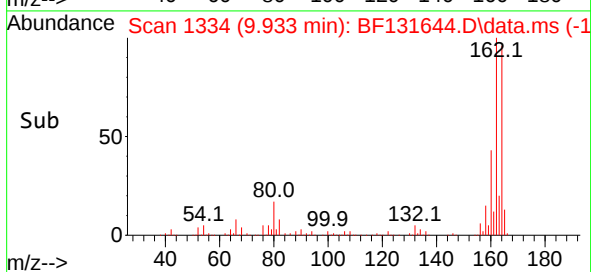
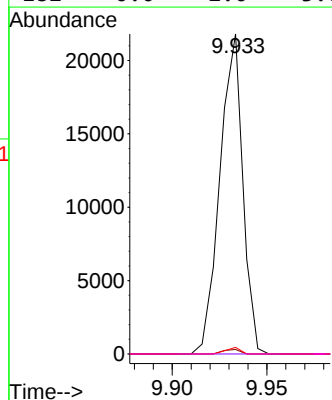
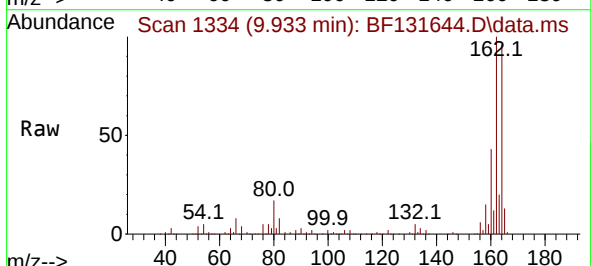
Ion Ratio Lower Upper

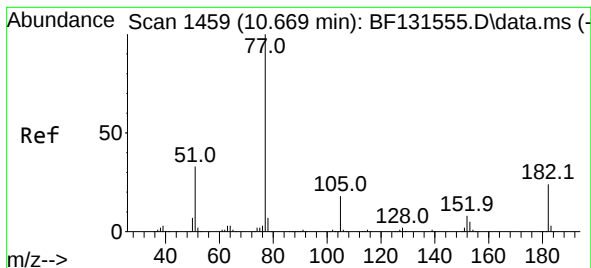
165 100

63 1.4 44.4 66.6#

89 2.1 69.6 104.4#

182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 3.308 ng

RT: 10.651 min Scan# 14

Delta R.T. 0.012 min

Lab File: BF131644.D

Acq: 15 Dec 2022 12:25

Instrument :

BNA_F

ClientSampleId :

RB-29-(8-10)

Tgt Ion: 77 Resp: 38654

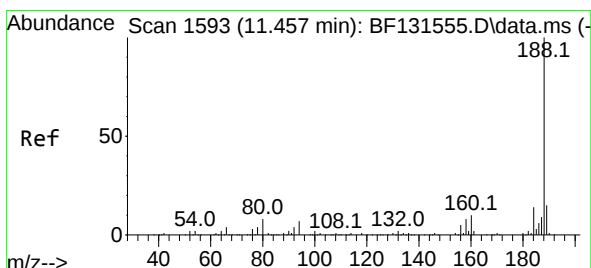
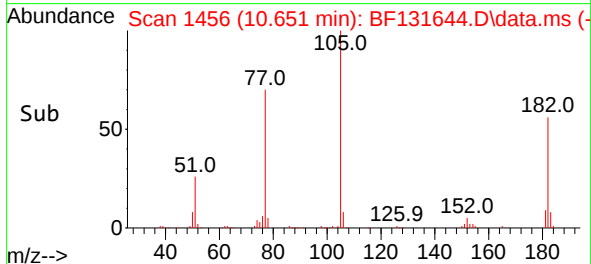
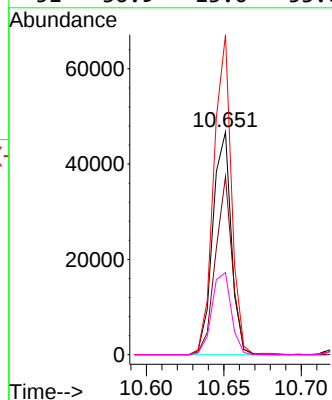
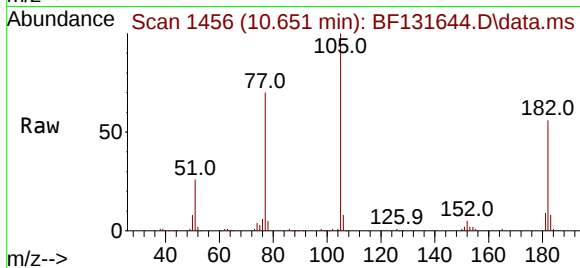
Ion Ratio Lower Upper

77 100

182 80.1 3.9 43.9#

105 143.7 0.0 38.3#

51 36.9 13.0 53.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF131644.D

Acq: 15 Dec 2022 12:25

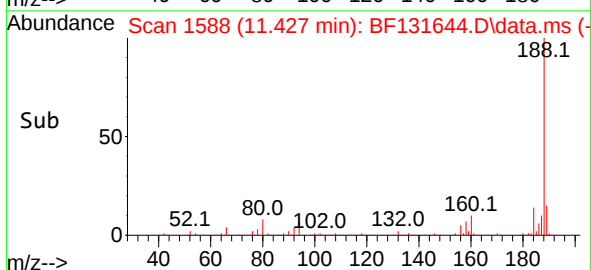
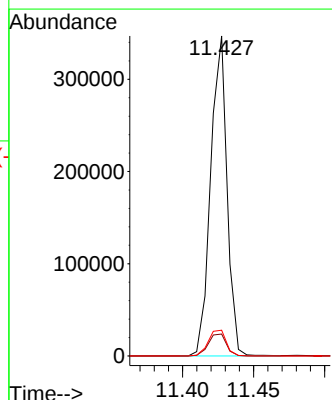
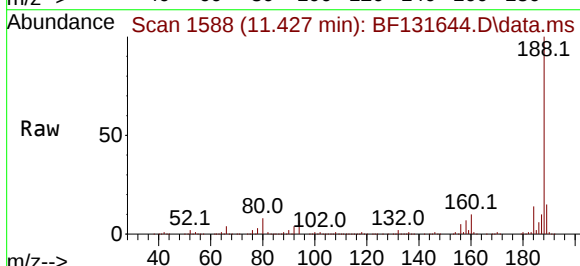
Tgt Ion: 188 Resp: 278914

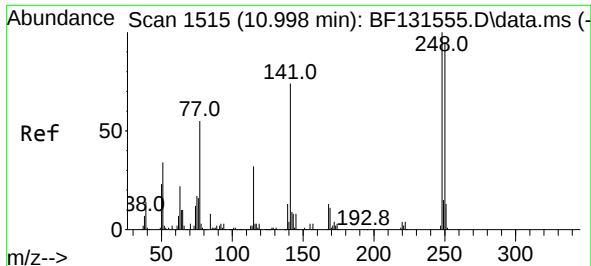
Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

80 8.1 6.6 10.0

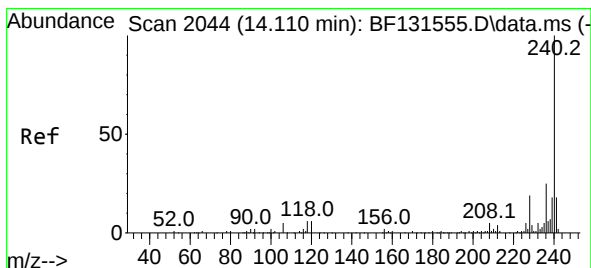
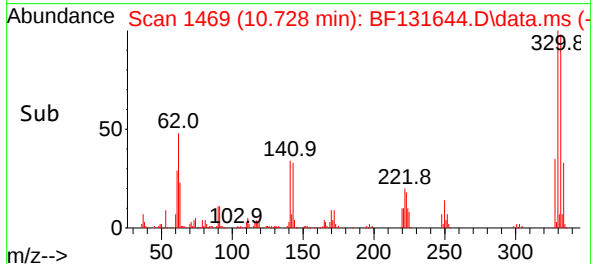
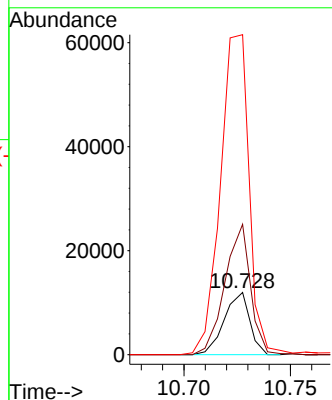
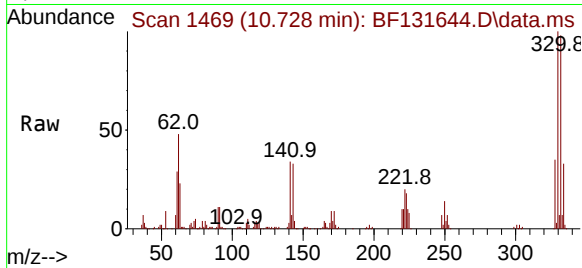




#67
4-Bromophenyl-phenylether
Concen: 2.785 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131644.D
Acq: 15 Dec 2022 12:25

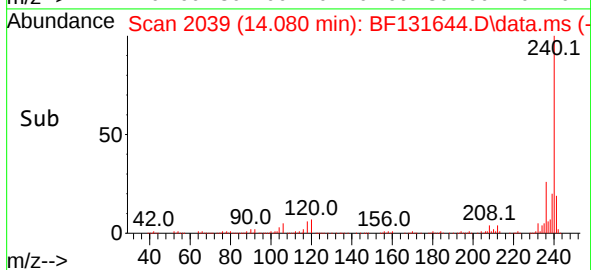
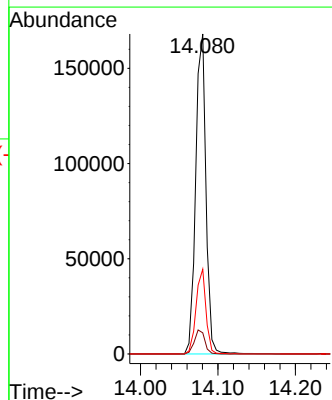
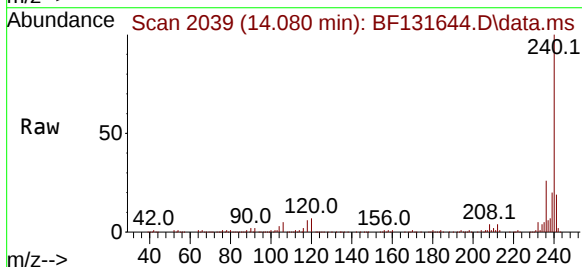
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)

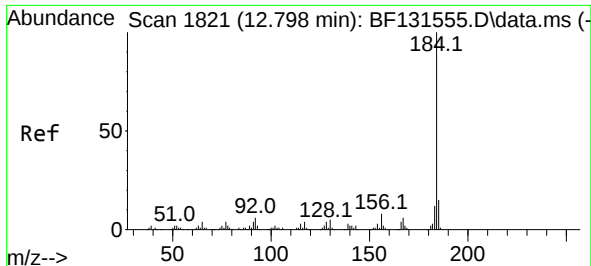
Tgt Ion:248 Resp: 9994
Ion Ratio Lower Upper
248 100
250 209.6 76.2 114.2#
141 514.3 59.5 89.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131644.D
Acq: 15 Dec 2022 12:25

Tgt Ion:240 Resp: 154859
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 26.5 20.2 30.2

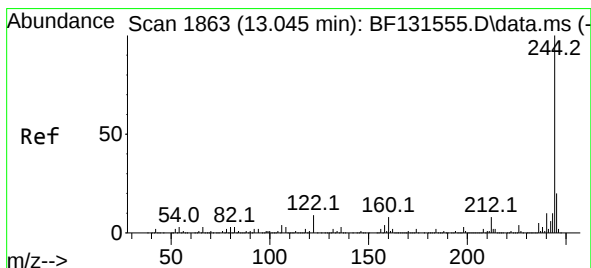
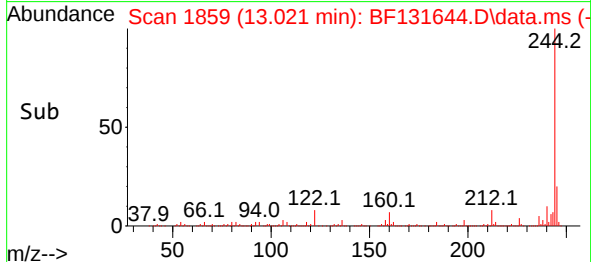
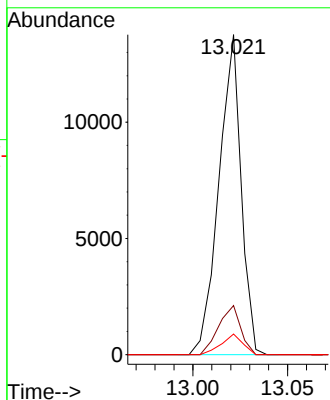
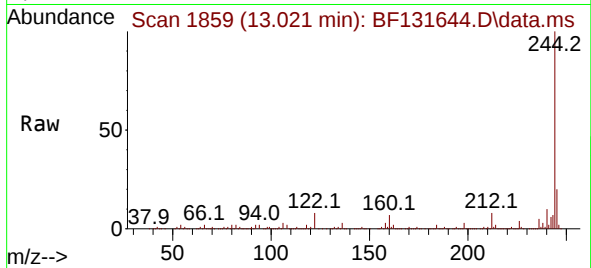




#77
Benzidine
Concen: 2.709 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.247 min
Lab File: BF131644.D
Acq: 15 Dec 2022 12:25

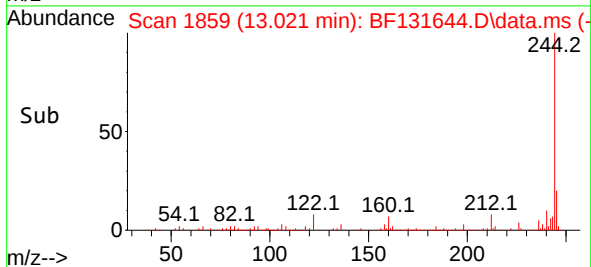
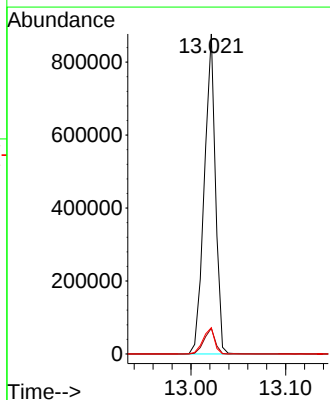
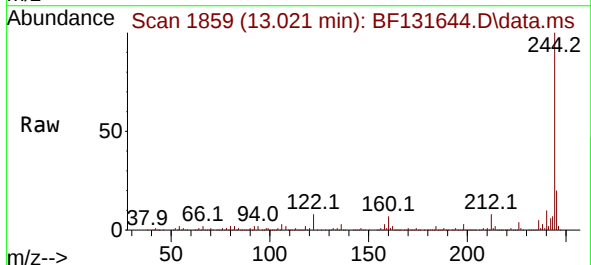
Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)

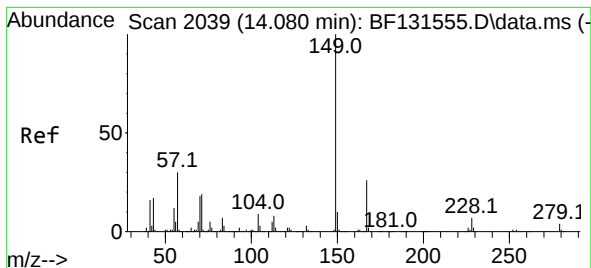
Tgt Ion:184 Resp: 11241
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 6.4 9.3 13.9#



#79
Terphenyl-d14
Concen: 63.513 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF131644.D
Acq: 15 Dec 2022 12:25

Tgt Ion:244 Resp: 717187
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 8.2 7.1 10.7

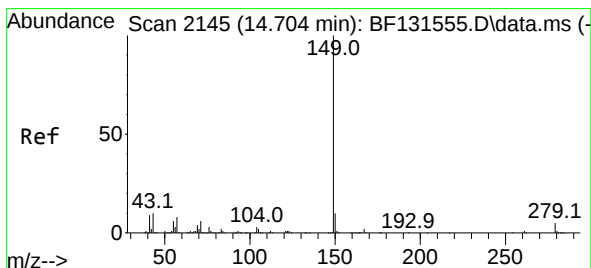
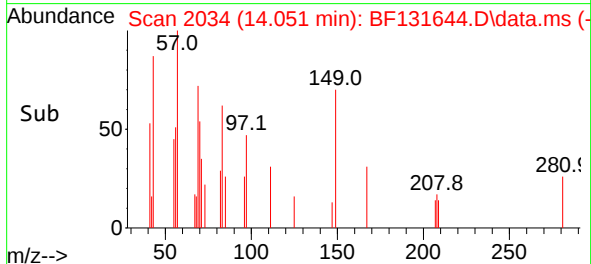
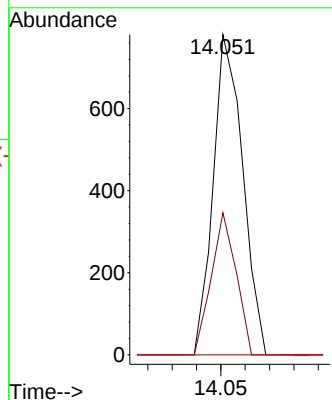
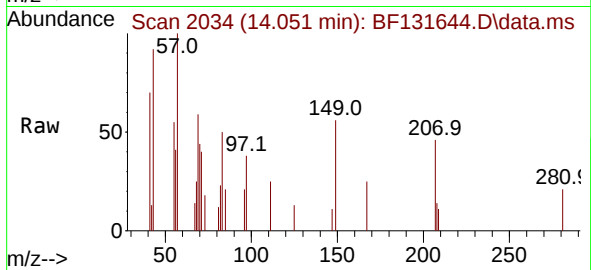




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.134 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: BF131644.D
 Acq: 15 Dec 2022 12:25

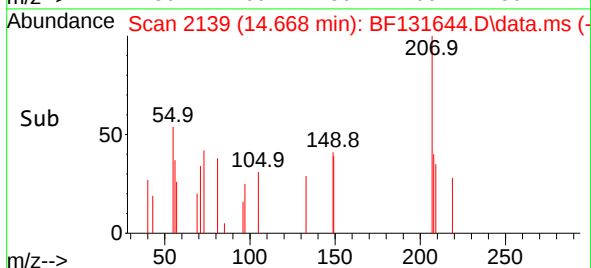
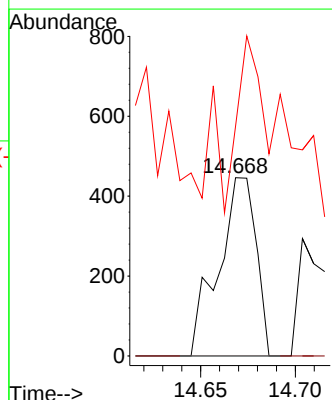
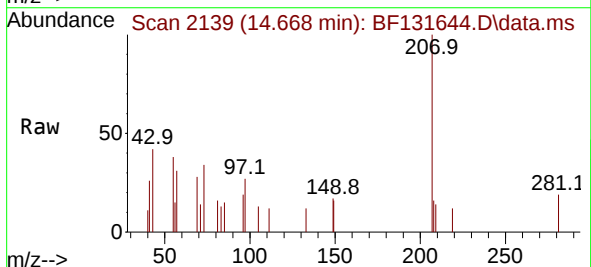
Instrument :
 BNA_F
 ClientSampleId :
 RB-29-(8-10)

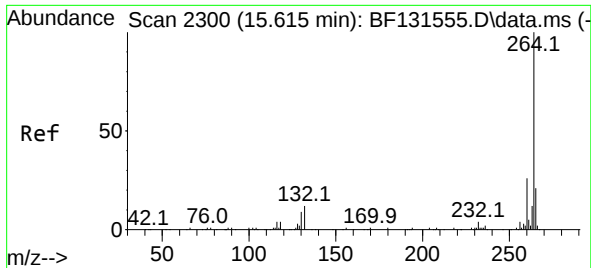
Tgt Ion:149 Resp: 656
 Ion Ratio Lower Upper
 149 100
 167 44.4 20.8 31.2#
 279 0.0 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 5.275 ng
 RT: 14.668 min Scan# 2139
 Delta R.T. -0.006 min
 Lab File: BF131644.D
 Acq: 15 Dec 2022 12:25

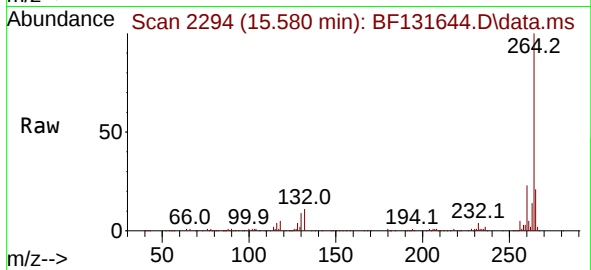
Tgt Ion:149 Resp: 619
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 147.2 8.6 13.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131644.D
 Acq: 15 Dec 2022 12:25

Instrument :
 BNA_F
 ClientSampleId :
 RB-29-(8-10)



Tgt Ion:264 Resp: 142767
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.6 30.8
 265 21.1 16.8 25.2

