

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132462.D
 Acq On : 17 Feb 2023 21:43
 Operator : CG\JU
 Sample : 01595-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-322-1

Quant Time: Feb 18 01:02:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

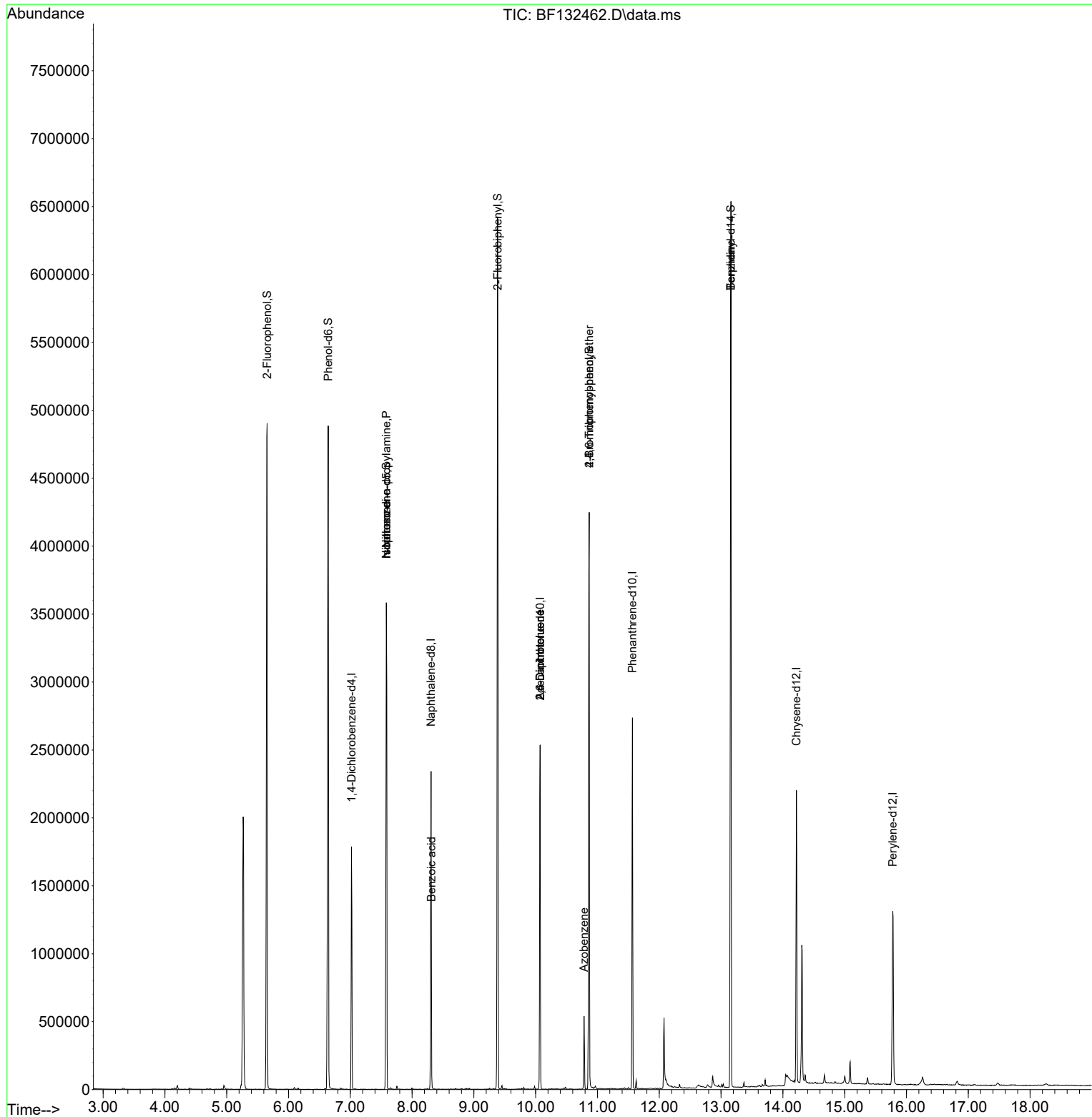
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	245587	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	910654	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	497421	20.000	ng	0.00
64) Phenanthrene-d10	11.566	188	959660	20.000	ng	0.00
76) Chrysene-d12	14.219	240	700836	20.000	ng	#-0.01
86) Perylene-d12	15.777	264	636760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1516141	98.923	ng	0.01
7) Phenol-d6	6.643	99	1964766	98.175	ng	0.00
23) Nitrobenzene-d5	7.584	82	1284525	67.776	ng	-0.01
42) 2,4,6-Tribromophenol	10.866	330	510410	102.844	ng	0.00
45) 2-Fluorobiphenyl	9.384	172	1979590	61.459	ng	0.00
79) Terphenyl-d14	13.160	244	2364298	61.439	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.584	70	170597	13.905	ng	# 80
25) Isophorone	7.584	82	1282263	34.431	ng	# 68
32) Benzoic acid	8.313	122	121	7.160	ng	# 1
51) 2,6-Dinitrotoluene	10.072	165	64103	8.047	ng	# 20
57) 2,4-Dinitrotoluene	10.072	165	64103	6.113	ng	# 20
63) Azobenzene	10.783	77	86914	2.181	ng	# 1
67) 4-Bromophenyl-phenylether	10.866	248	34939	3.322	ng	# 1
77) Benzidine	13.160	184	35710	2.393	ng	# 94

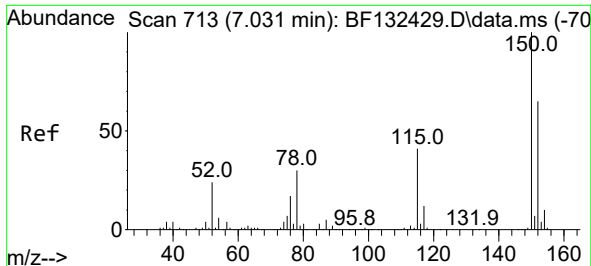
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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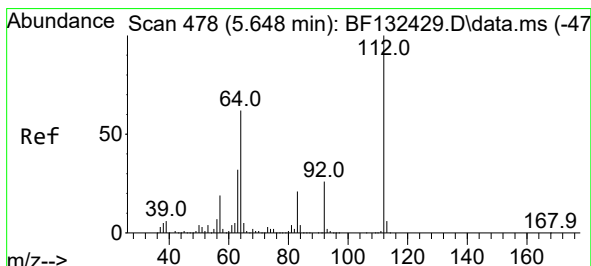
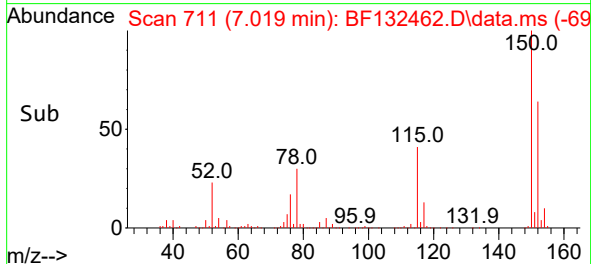
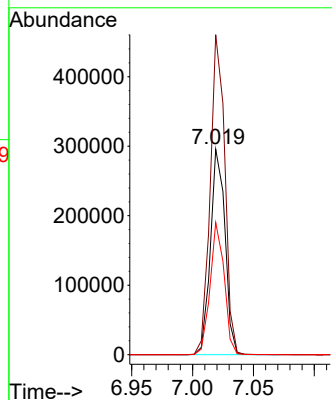
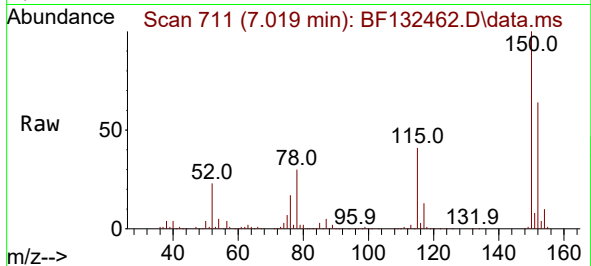




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

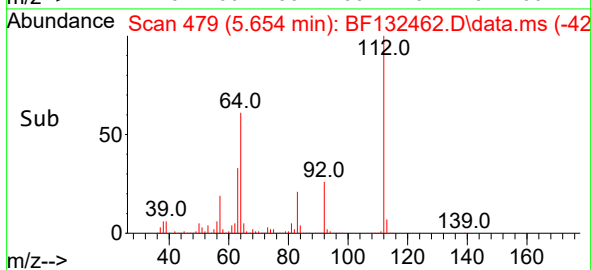
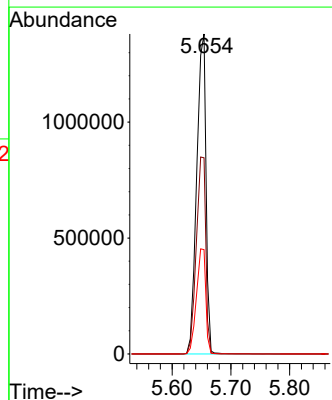
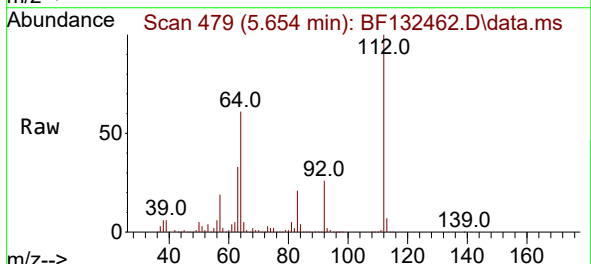
Instrument :
BNA_F
ClientSampleId :
S-322-1

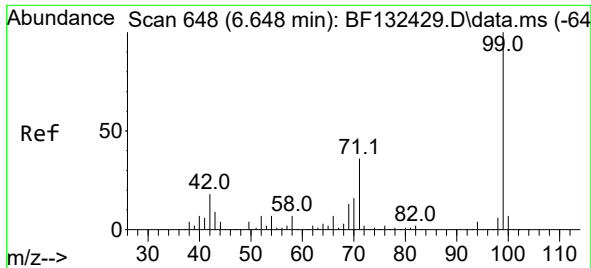
Tgt Ion:152 Resp: 245587
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.8
115 64.3 50.4 75.6



#5
2-Fluorophenol
Concen: 98.923 ng
RT: 5.654 min Scan# 479
Delta R.T. 0.012 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

Tgt Ion:112 Resp: 1516141
Ion Ratio Lower Upper
112 100
64 61.3 49.7 74.5
63 32.6 25.8 38.8

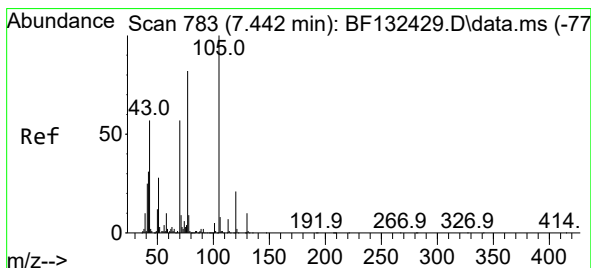
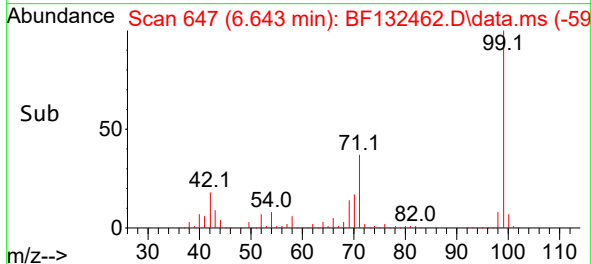
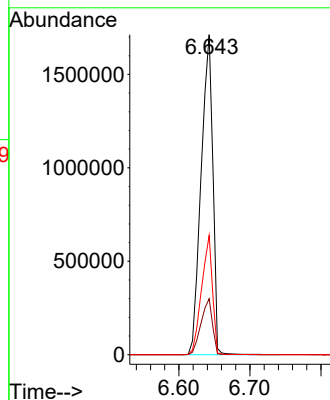
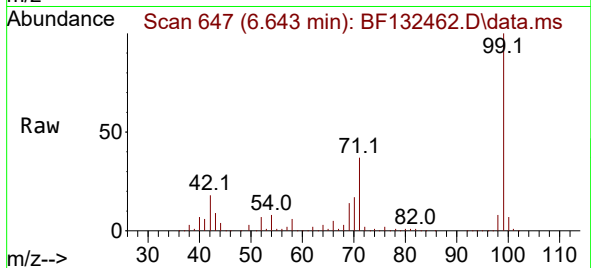




#7
Phenol-d6
Concen: 98.175 ng
RT: 6.643 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

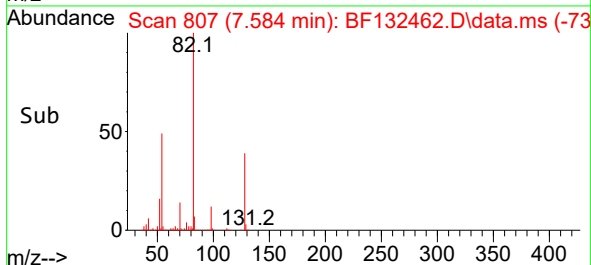
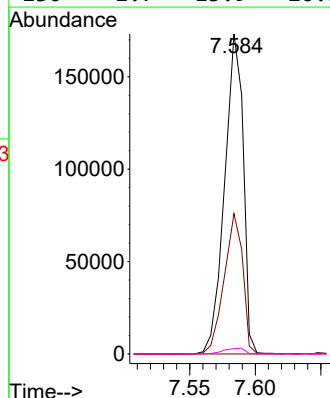
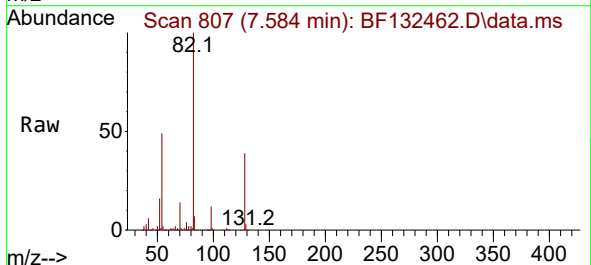
Instrument :
BNA_F
ClientSampleId :
S-322-1

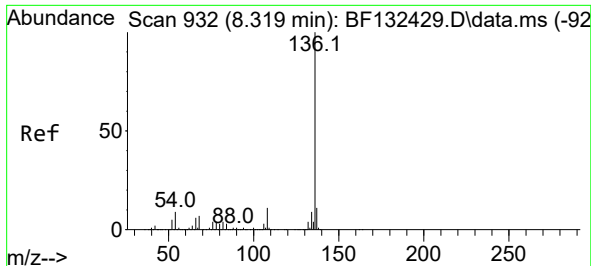
Tgt Ion: 99 Resp: 1964766
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 37.2 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.905 ng
RT: 7.584 min Scan# 807
Delta R.T. 0.147 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

Tgt Ion: 70 Resp: 170597
Ion Ratio Lower Upper
70 100
42 43.8 43.5 65.3
101 0.0 7.3 10.9#
130 1.7 13.9 20.9#



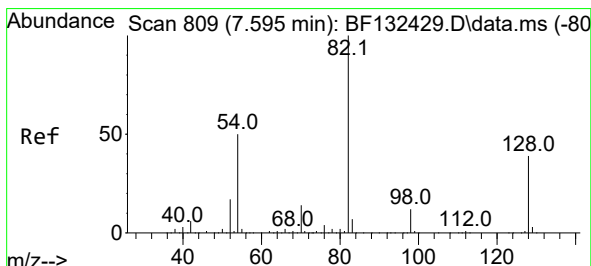
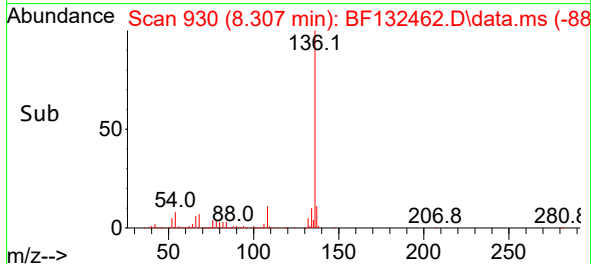
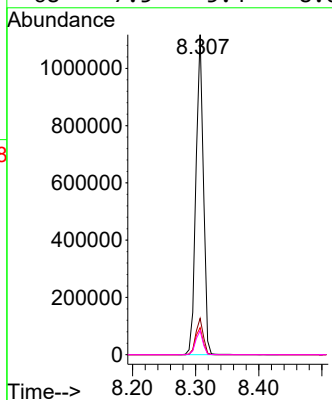
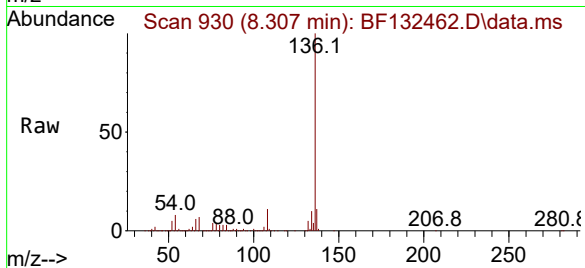


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

Instrument :
BNA_F
ClientSampleId :
S-322-1

Tgt Ion:136 Resp: 910654

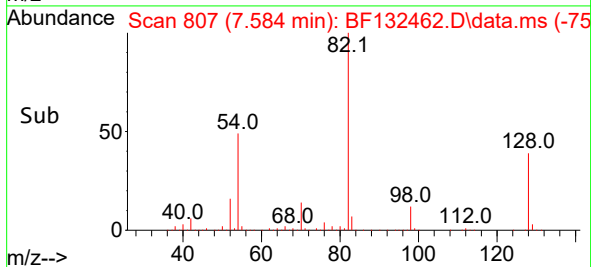
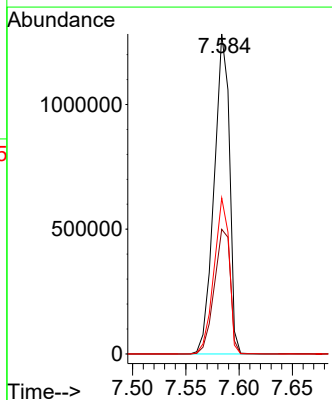
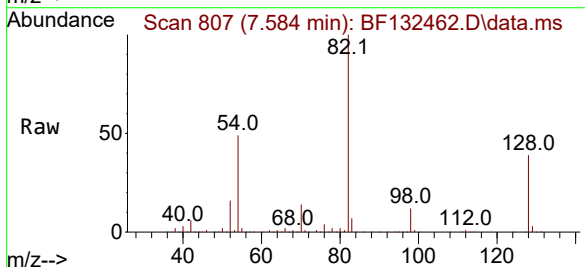
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.5	6.9	10.3
68	7.5	5.4	8.0

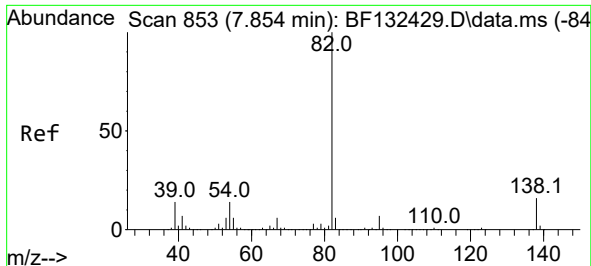


#23
Nitrobenzene-d5
Concen: 67.776 ng
RT: 7.584 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

Tgt Ion: 82 Resp: 1284525

Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.8	46.2
54	48.7	40.2	60.4

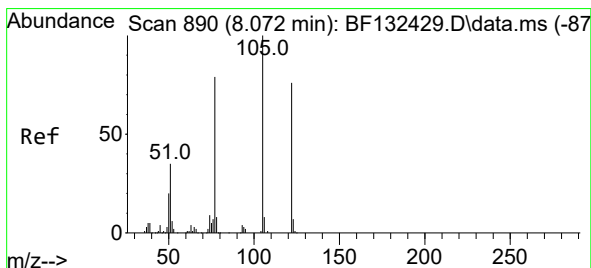
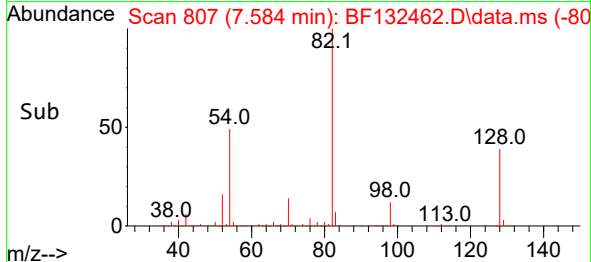
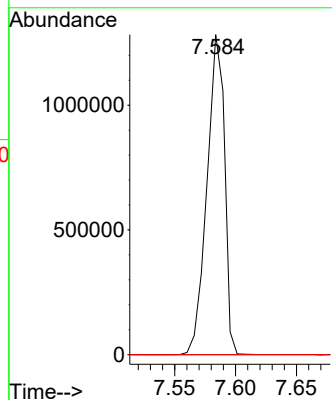
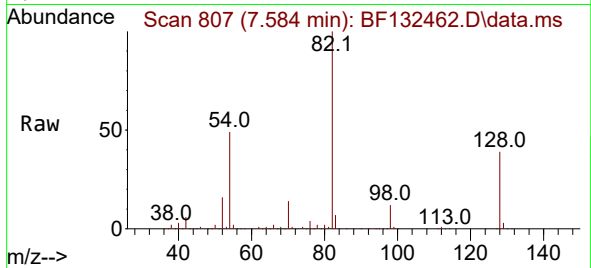




#25
Isophorone
Concen: 34.431 ng
RT: 7.584 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

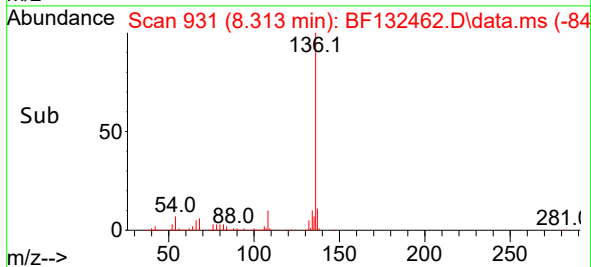
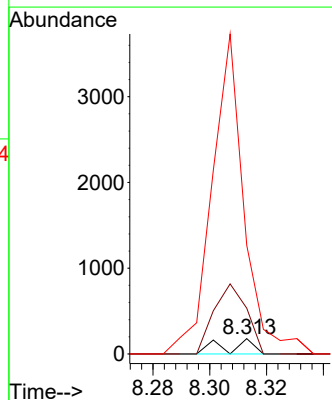
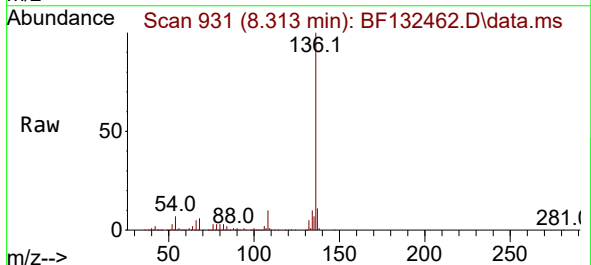
Instrument :
BNA_F
ClientSampleId :
S-322-1

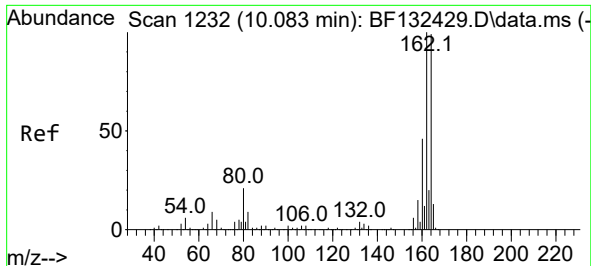
Tgt Ion: 82 Resp: 1282263
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.160 ng
RT: 8.313 min Scan# 931
Delta R.T. 0.235 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

Tgt Ion:122 Resp: 121
Ion Ratio Lower Upper
122 100
105 296.7 109.7 149.7#
77 703.9 83.8 123.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.072 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132462.D

Acq: 17 Feb 2023 21:43

Instrument :

BNA_F

ClientSampleId :

S-322-1

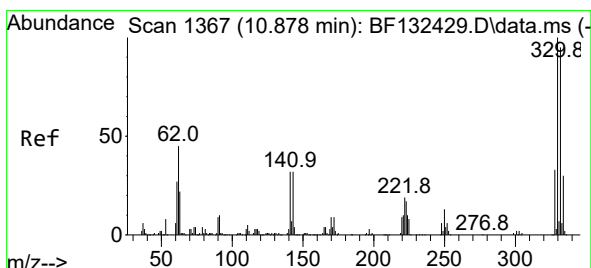
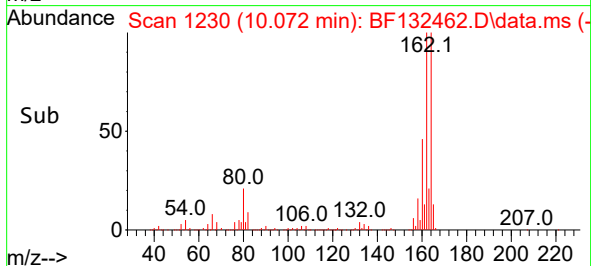
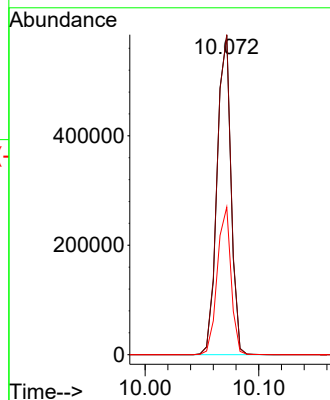
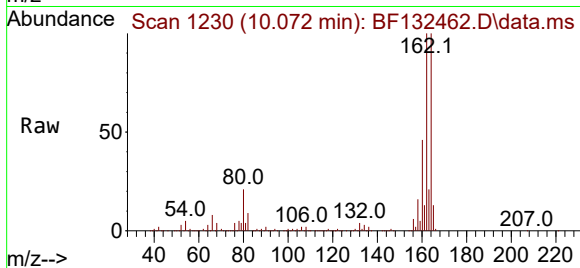
Tgt Ion:164 Resp: 497421

Ion Ratio Lower Upper

164 100

162 100.2 80.8 121.2

160 46.2 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 102.844 ng

RT: 10.866 min Scan# 1365

Delta R.T. -0.006 min

Lab File: BF132462.D

Acq: 17 Feb 2023 21:43

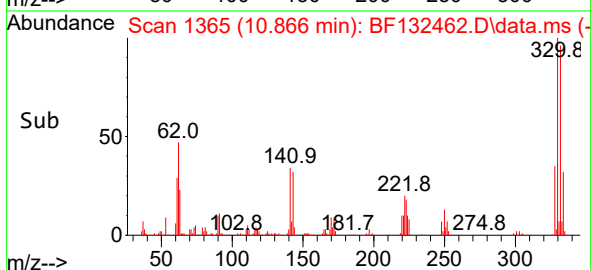
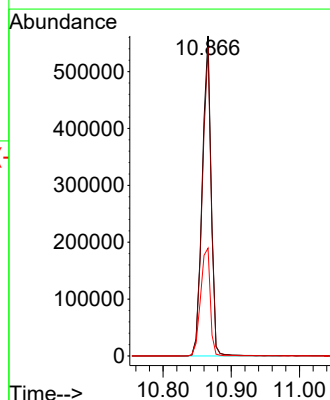
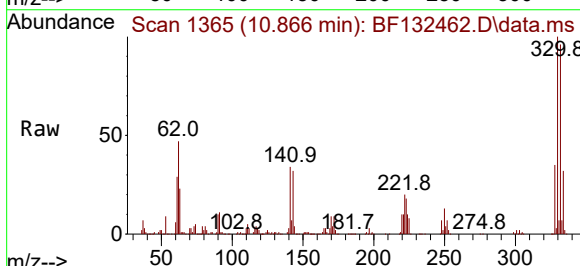
Tgt Ion:330 Resp: 510410

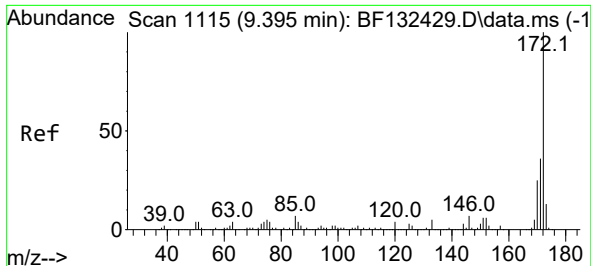
Ion Ratio Lower Upper

330 100

332 95.9 76.3 114.5

141 36.6 30.3 45.5





#45

2-Fluorobiphenyl

Concen: 61.459 ng

RT: 9.384 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF132462.D

Acq: 17 Feb 2023 21:43

Instrument :

BNA_F

ClientSampleId :

S-322-1

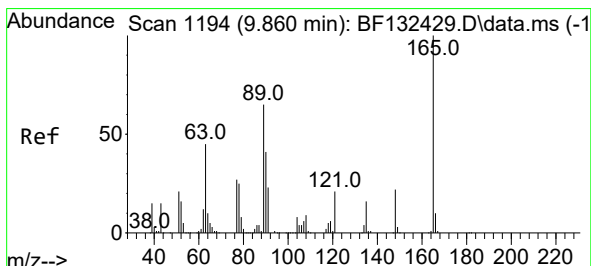
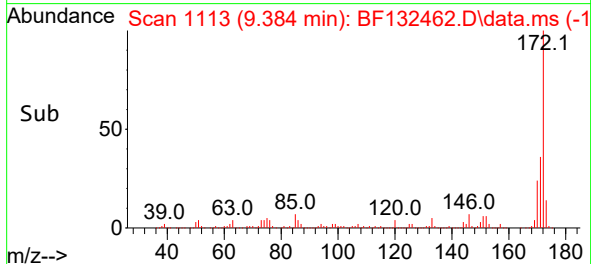
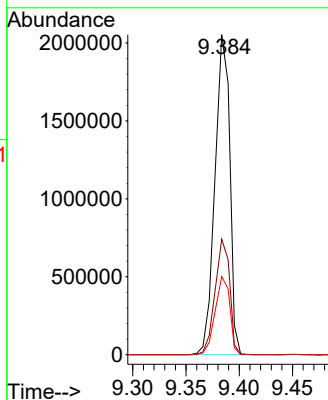
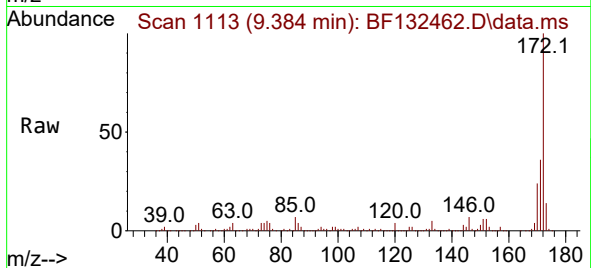
Tgt Ion:172 Resp: 1979590

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

170 24.4 19.9 29.9



#51

2,6-Dinitrotoluene

Concen: 8.047 ng

RT: 10.072 min Scan# 1230

Delta R.T. 0.218 min

Lab File: BF132462.D

Acq: 17 Feb 2023 21:43

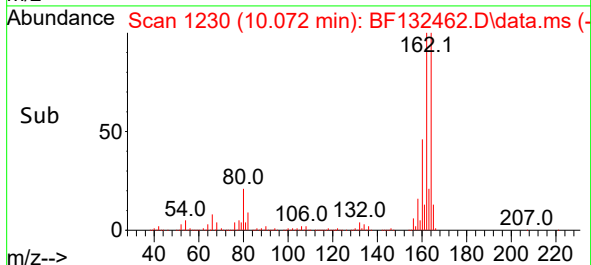
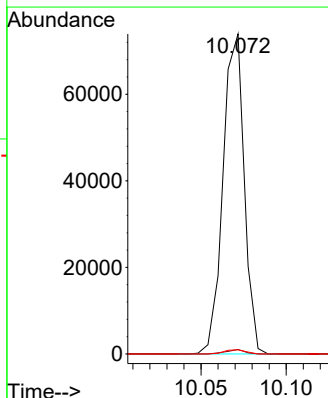
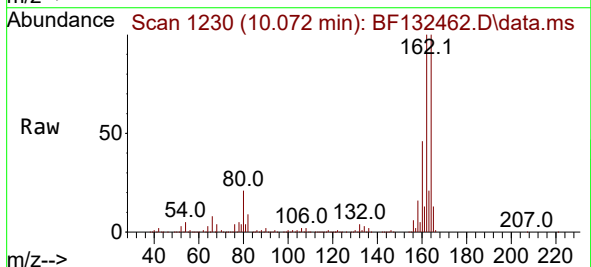
Tgt Ion:165 Resp: 64103

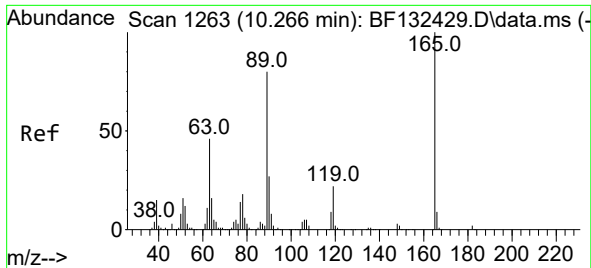
Ion Ratio Lower Upper

165 100

63 1.4 50.4 75.6#

89 1.3 52.2 78.2#

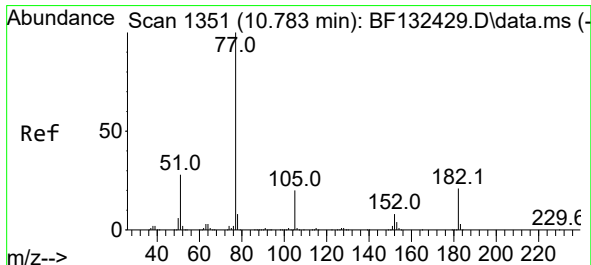
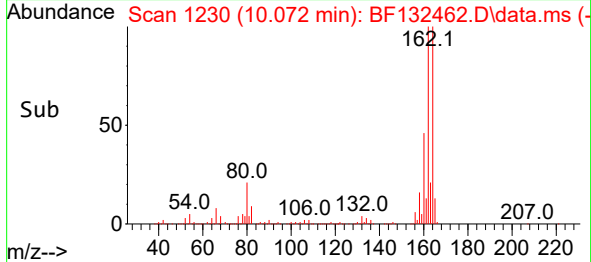
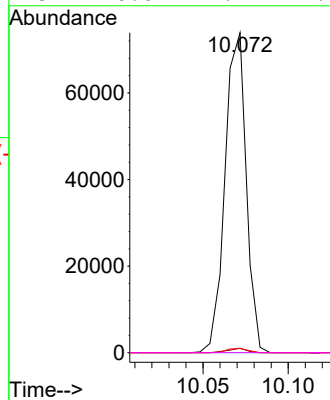
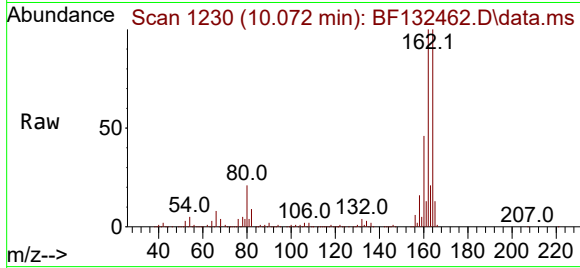




#57
2,4-Dinitrotoluene
Concen: 6.113 ng
RT: 10.072 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

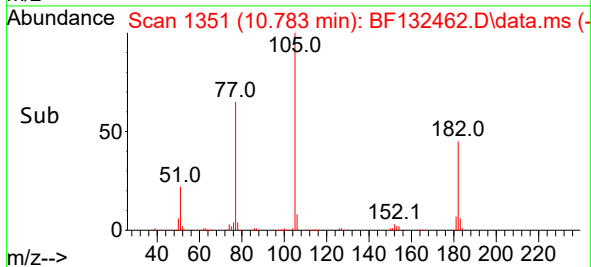
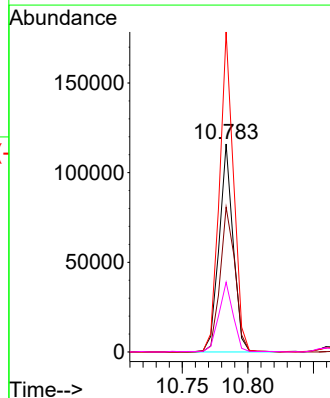
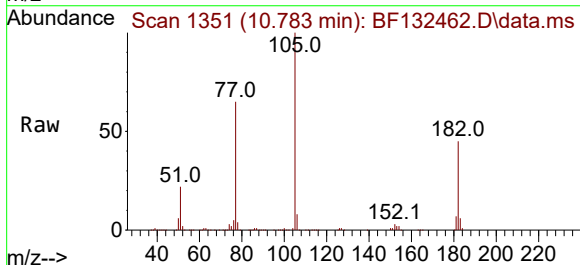
Instrument :
BNA_F
ClientSampleId :
S-322-1

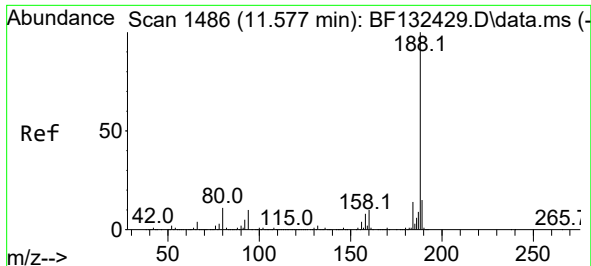
Tgt Ion:165 Resp: 64103
Ion Ratio Lower Upper
165 100
63 1.4 37.1 55.7#
89 1.3 63.6 95.4#
182 0.0 1.9 2.9#



#63
Azobenzene
Concen: 2.181 ng
RT: 10.783 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

Tgt Ion: 77 Resp: 86914
Ion Ratio Lower Upper
77 100
182 69.6 1.4 41.4#
105 153.8 0.1 40.1#
51 33.5 8.2 48.2

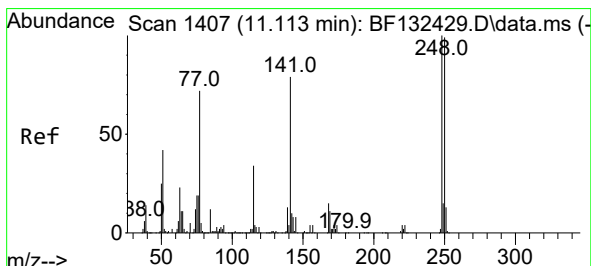
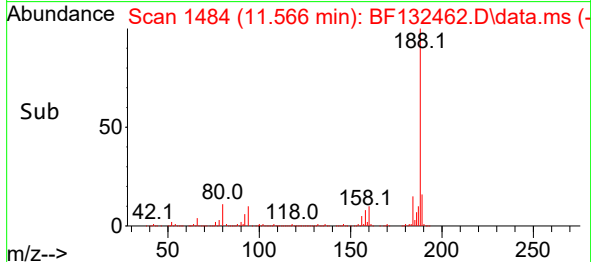
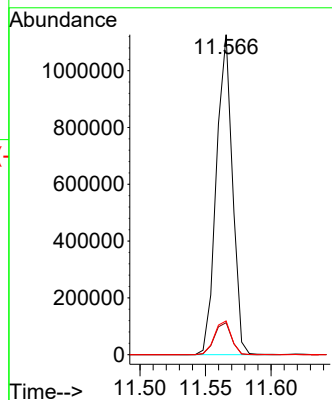
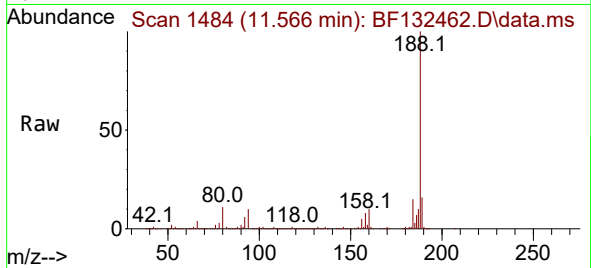




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.566 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

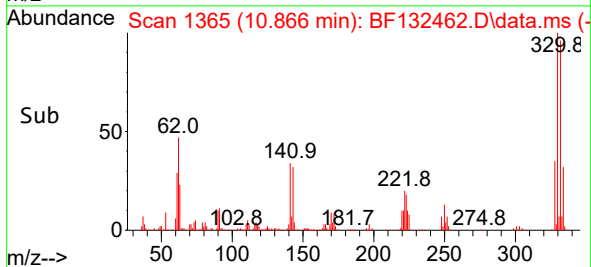
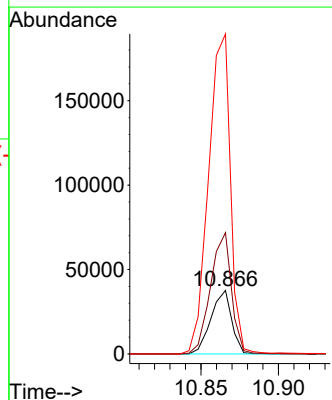
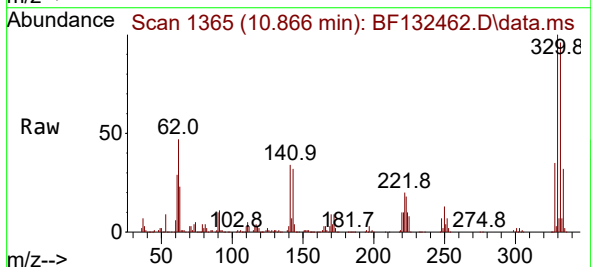
Instrument :
BNA_F
ClientSampleId :
S-322-1

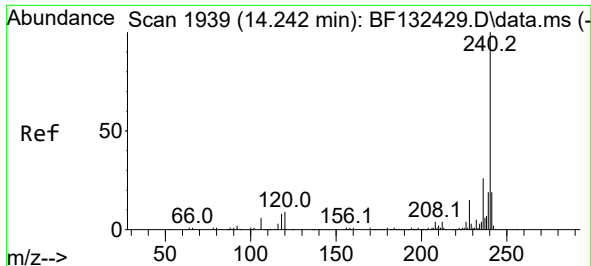
Tgt Ion:188 Resp: 959660
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.6 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 3.322 ng
RT: 10.866 min Scan# 1365
Delta R.T. -0.241 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

Tgt Ion:248 Resp: 34939
Ion Ratio Lower Upper
248 100
250 191.0 79.0 118.4#
141 503.8 63.3 94.9#

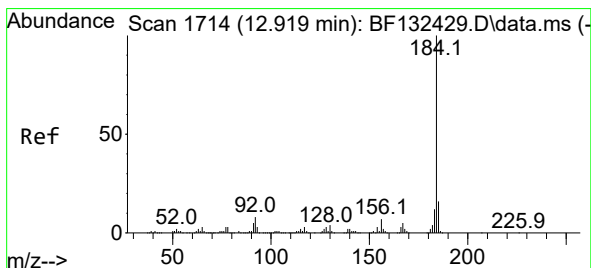
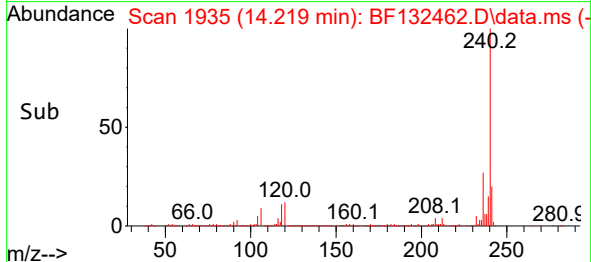
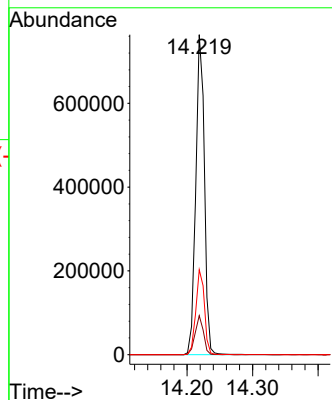
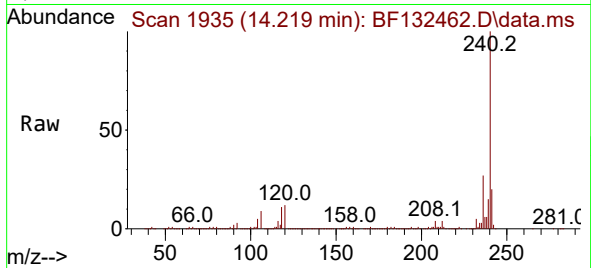




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.219 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

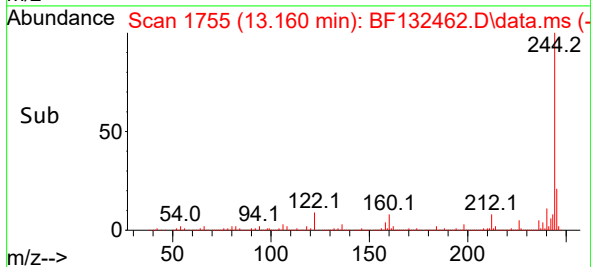
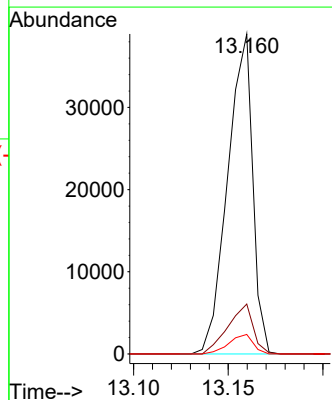
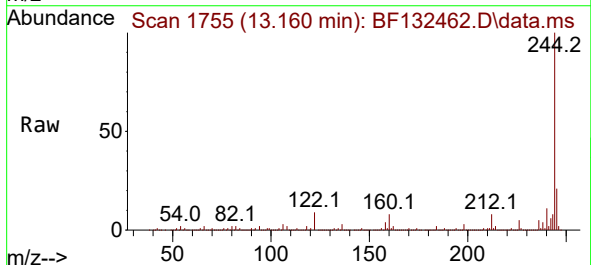
Instrument :
BNA_F
ClientSampleId :
S-322-1

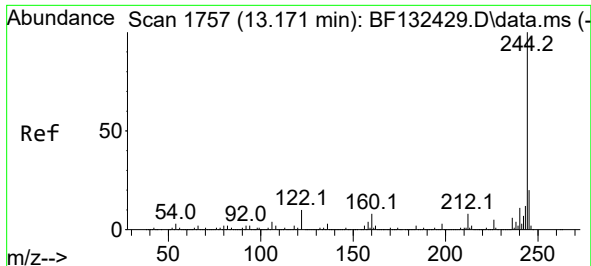
Tgt Ion:240 Resp: 700836
Ion Ratio Lower Upper
240 100
120 12.2 7.5 11.3#
236 26.5 21.0 31.6



#77
Benzidine
Concen: 2.393 ng
RT: 13.160 min Scan# 1755
Delta R.T. 0.247 min
Lab File: BF132462.D
Acq: 17 Feb 2023 21:43

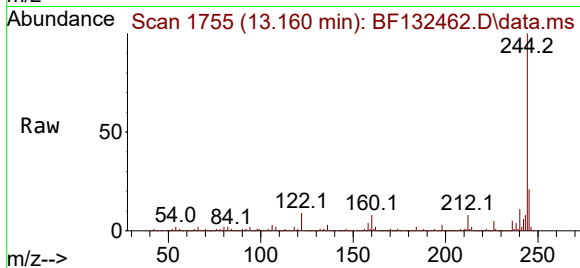
Tgt Ion:184 Resp: 35710
Ion Ratio Lower Upper
184 100
185 15.6 12.4 18.6
183 6.1 9.2 13.8#



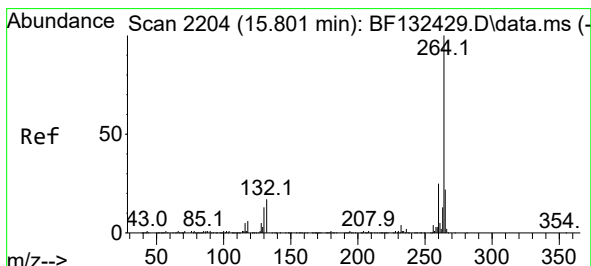
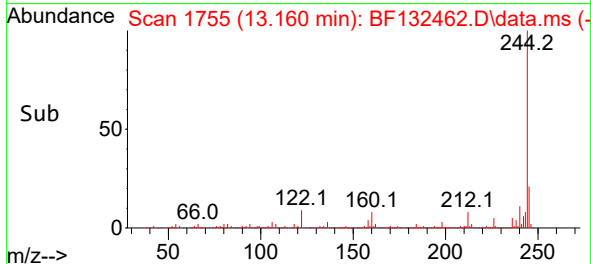
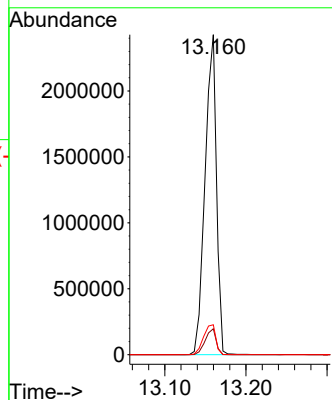


#79
 Terphenyl-d14
 Concen: 61.439 ng
 RT: 13.160 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BF132462.D
 Acq: 17 Feb 2023 21:43

Instrument :
 BNA_F
 ClientSampleId :
 S-322-1



Tgt Ion:244 Resp: 2364298
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.7 10.1
 122 9.4 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.777 min Scan# 2200
 Delta R.T. -0.006 min
 Lab File: BF132462.D
 Acq: 17 Feb 2023 21:43

Tgt Ion:264 Resp: 636760
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.0 30.0
 265 22.2 17.2 25.8

