

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132437.D
 Acq On : 16 Feb 2023 16:56
 Operator : CG\JU
 Sample : PB150899BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150899BL

Quant Time: Feb 17 04:44:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 03:08:40 2023
 Response via : Initial Calibration

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

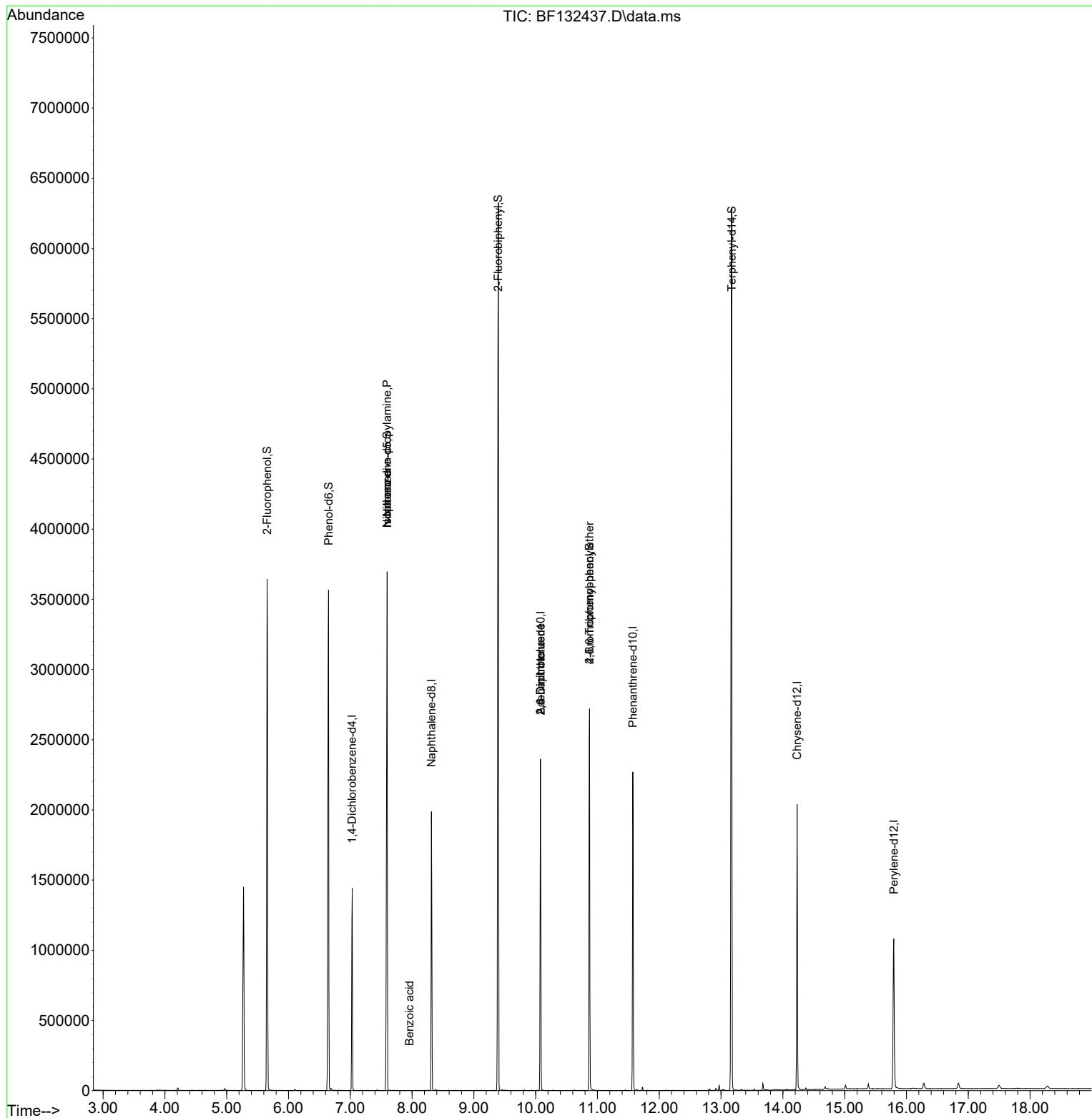
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	200585	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	777913	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	436730	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	822804	20.000	ng	0.00
76) Chrysene-d12	14.230	240	641461	20.000	ng	-0.01
86) Perylene-d12	15.795	264	513459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1025241	81.901	ng	0.00
7) Phenol-d6	6.648	99	1316473	80.540	ng	0.00
23) Nitrobenzene-d5	7.595	82	1240359	76.613	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	298096	68.411	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1893867	66.968	ng	0.00
79) Terphenyl-d14	13.171	244	2389264	67.835	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.595	70	167864	16.752	ng	# 79
25) Isophorone	7.595	82	1240345	38.989	ng	# 68
32) Benzoic acid	7.960	122	454	7.193	ng	# 23
51) 2,6-Dinitrotoluene	10.078	165	56625	8.096	ng	# 20
57) 2,4-Dinitrotoluene	10.078	165	56625	6.150	ng	# 20
67) 4-Bromophenyl-phenylether	10.872	248	20628	2.287	ng	# 1

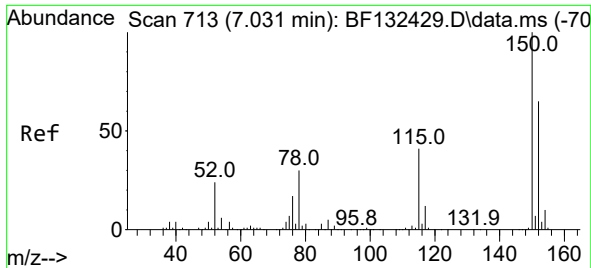
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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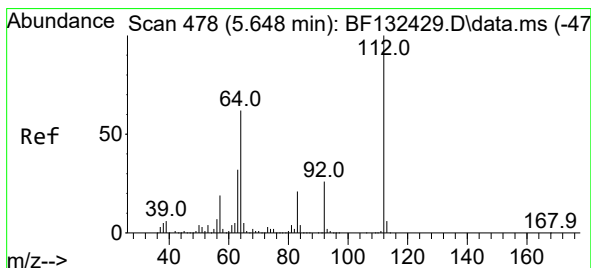
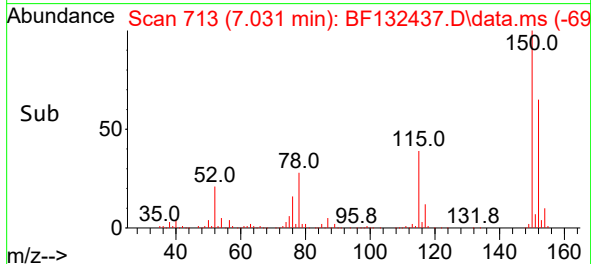
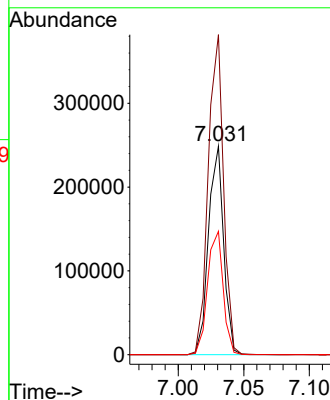
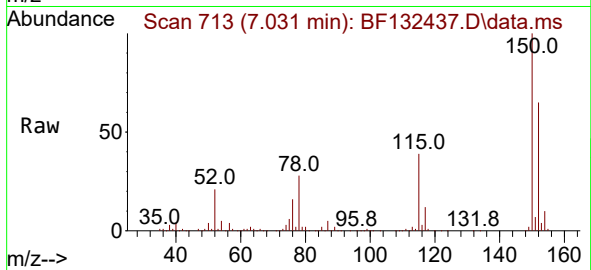




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132437.D
Acq: 16 Feb 2023 16:56

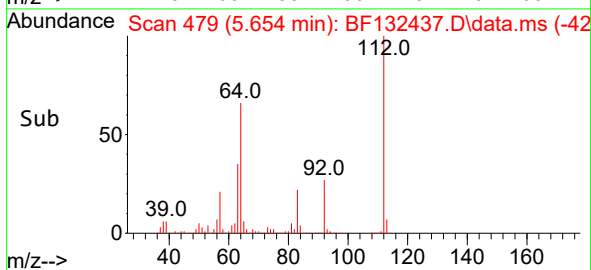
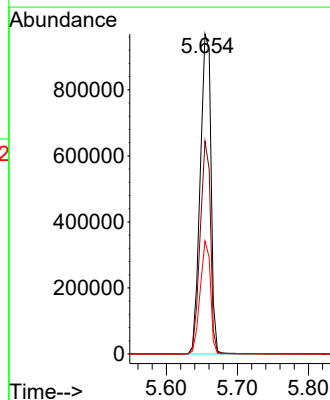
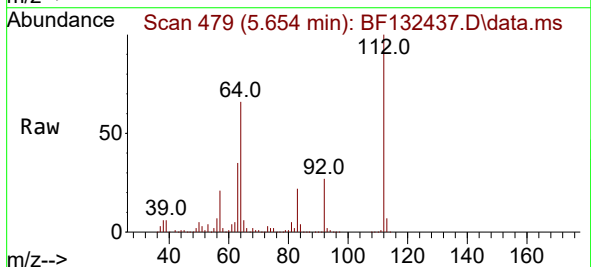
Instrument :
BNA_F
ClientSampleId :
PB150899BL

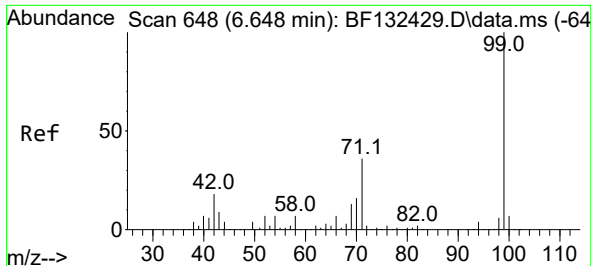
Tgt Ion:152 Resp: 200585
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.8
115 59.1 50.4 75.6



#5
2-Fluorophenol
Concen: 81.901 ng
RT: 5.654 min Scan# 479
Delta R.T. 0.006 min
Lab File: BF132437.D
Acq: 16 Feb 2023 16:56

Tgt Ion:112 Resp: 1025241
Ion Ratio Lower Upper
112 100
64 66.5 49.7 74.5
63 35.3 25.8 38.8

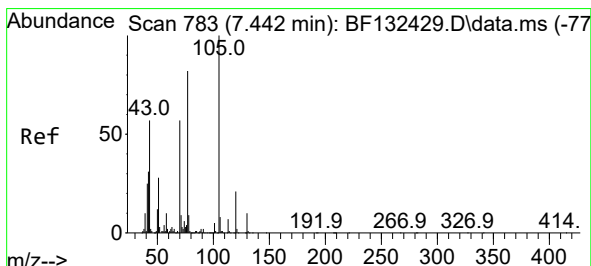
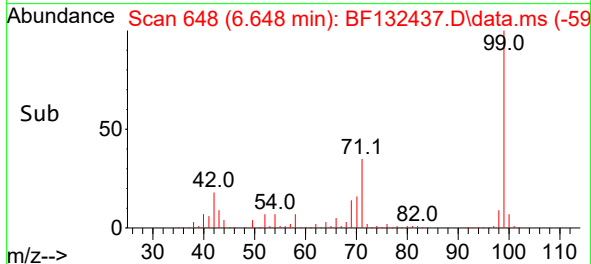
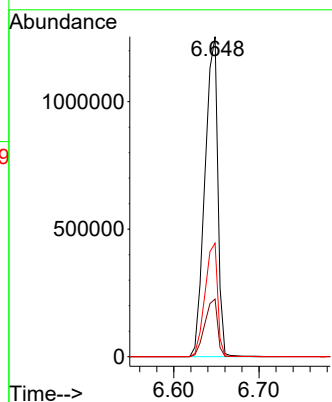
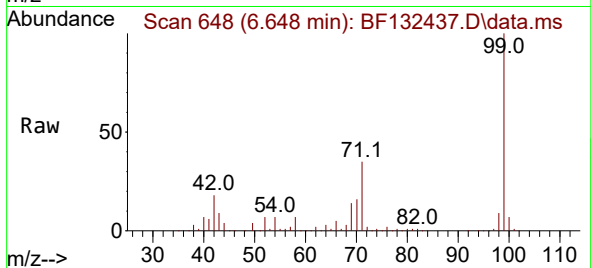




#7
Phenol-d6
Concen: 80.540 ng
RT: 6.648 min Scan# 64
Delta R.T. -0.000 min
Lab File: BF132437.D
Acq: 16 Feb 2023 16:56

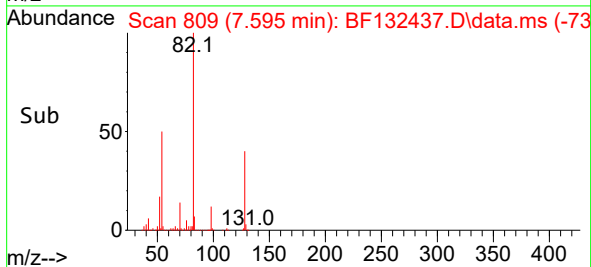
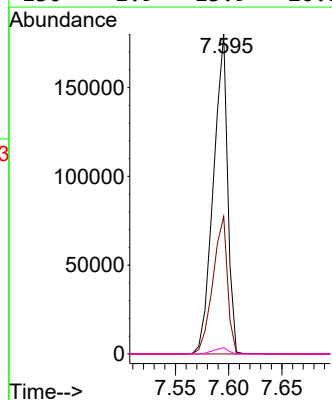
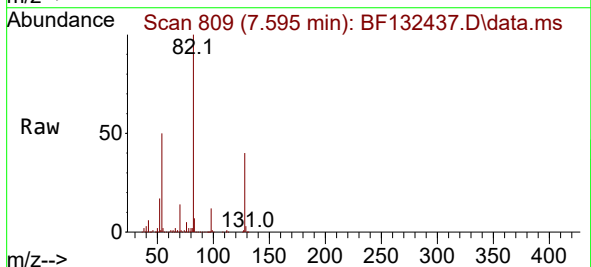
Instrument :
BNA_F
ClientSampleId :
PB150899BL

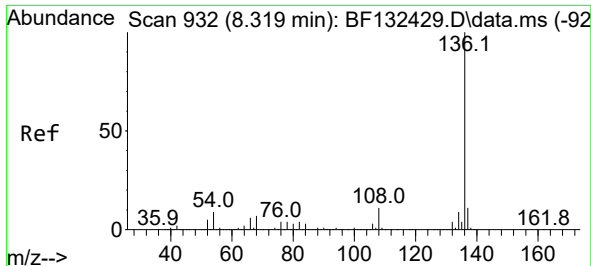
Tgt Ion: 99 Resp: 1316473
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 35.5 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 16.752 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.153 min
Lab File: BF132437.D
Acq: 16 Feb 2023 16:56

Tgt Ion: 70 Resp: 167864
Ion Ratio Lower Upper
70 100
42 42.9 43.5 65.3#
101 0.0 7.3 10.9#
130 1.9 13.9 20.9#



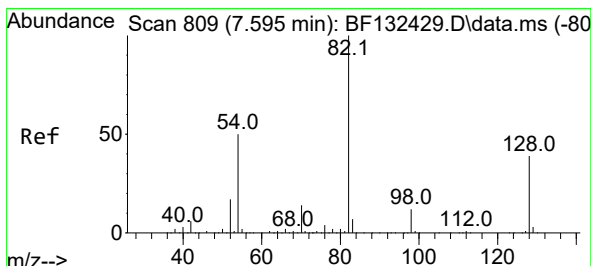
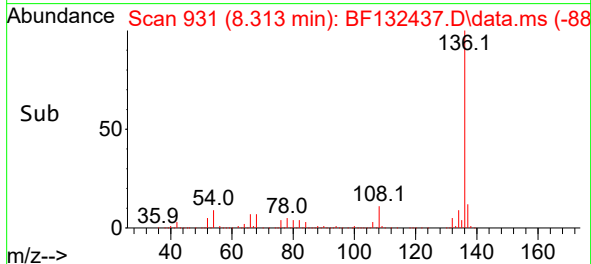
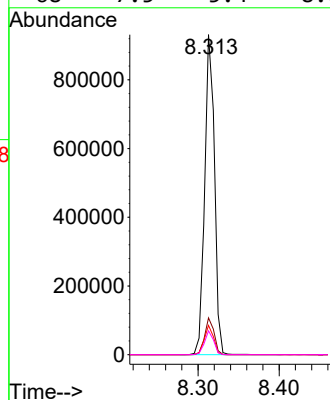
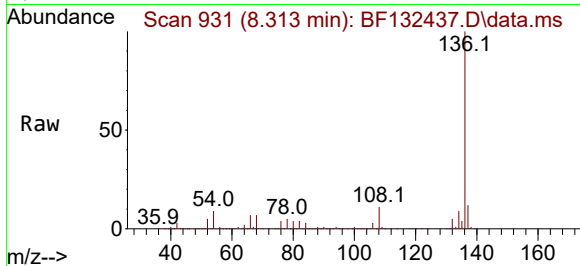


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF132437.D
Acq: 16 Feb 2023 16:56

Instrument :
BNA_F
ClientSampleId :
PB150899BL

Tgt Ion:136 Resp: 777913

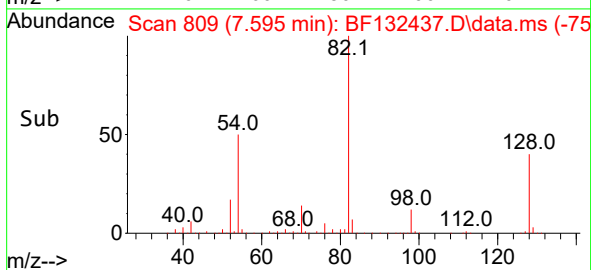
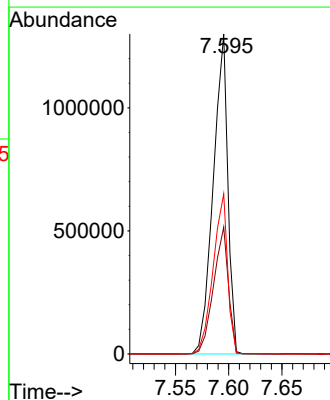
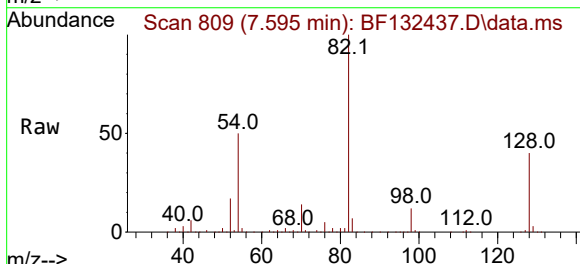
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	9.1	6.9	10.3
68	7.5	5.4	8.0

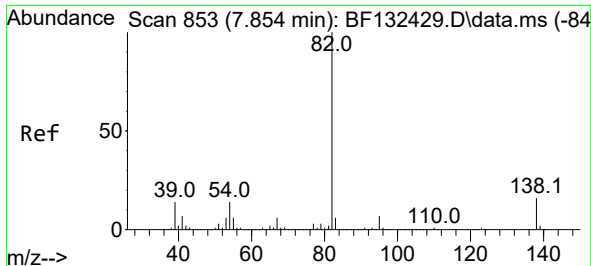


#23
Nitrobenzene-d5
Concen: 76.613 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF132437.D
Acq: 16 Feb 2023 16:56

Tgt Ion: 82 Resp: 1240359

Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.8	46.2
54	50.1	40.2	60.4

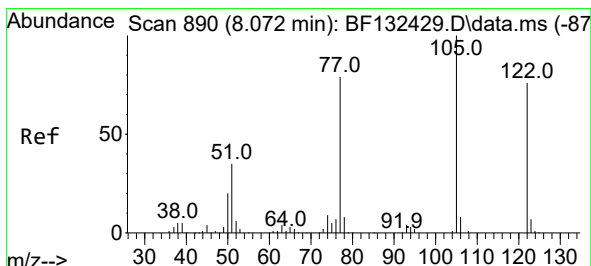
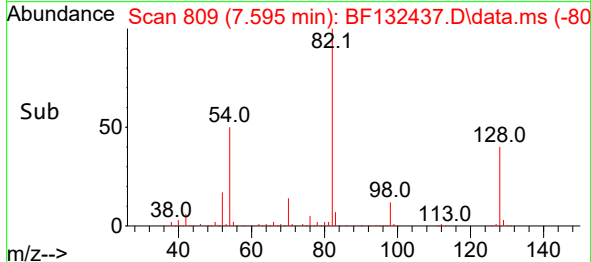
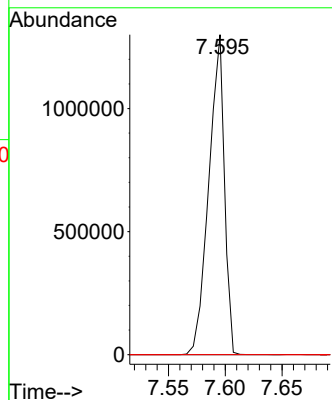
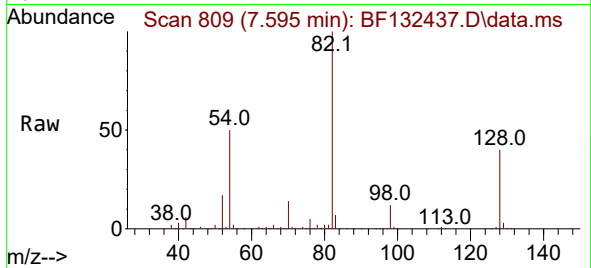




#25
Isophorone
Concen: 38.989 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.259 min
Lab File: BF132437.D
Acq: 16 Feb 2023 16:56

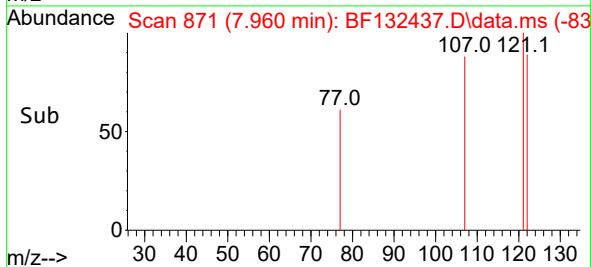
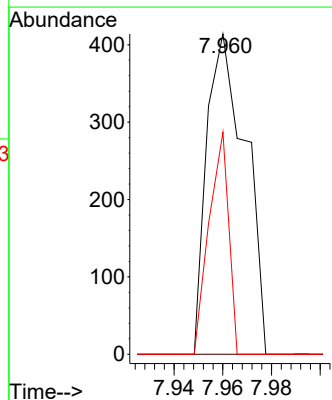
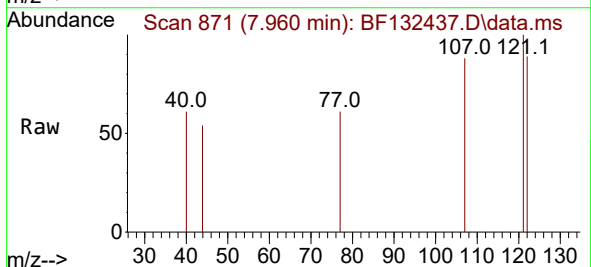
Instrument :
BNA_F
ClientSampleId :
PB150899BL

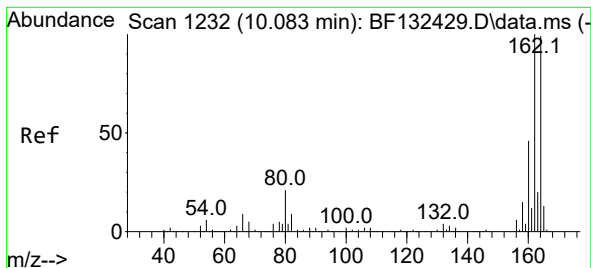
Tgt Ion: 82 Resp: 1240345
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.193 ng
RT: 7.960 min Scan# 871
Delta R.T. -0.112 min
Lab File: BF132437.D
Acq: 16 Feb 2023 16:56

Tgt Ion: 122 Resp: 454
Ion Ratio Lower Upper
122 100
105 0.0 109.7 149.7#
77 69.3 83.8 123.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.078 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132437.D

Acq: 16 Feb 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB150899BL

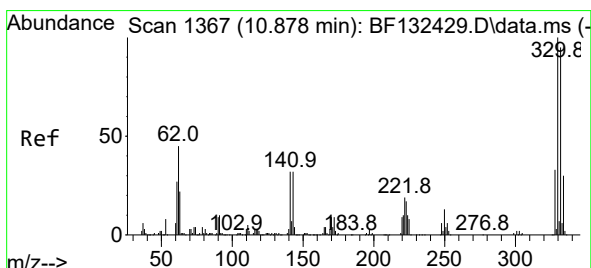
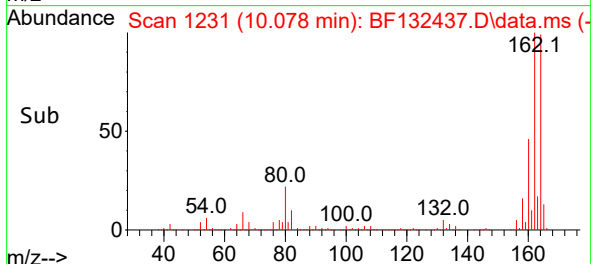
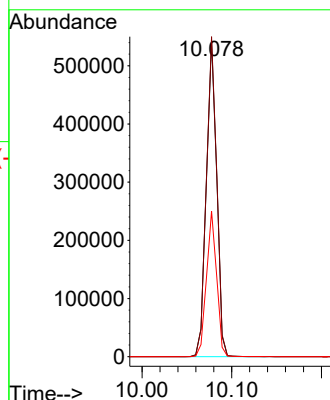
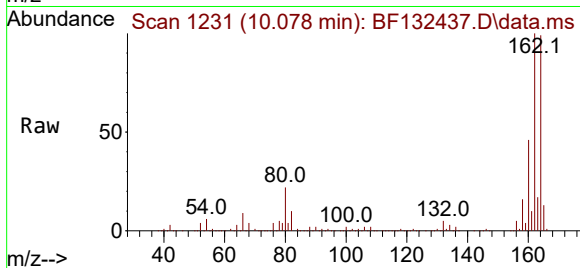
Tgt Ion:164 Resp: 436730

Ion Ratio Lower Upper

164 100

162 101.2 80.8 121.2

160 46.0 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 68.411 ng

RT: 10.872 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF132437.D

Acq: 16 Feb 2023 16:56

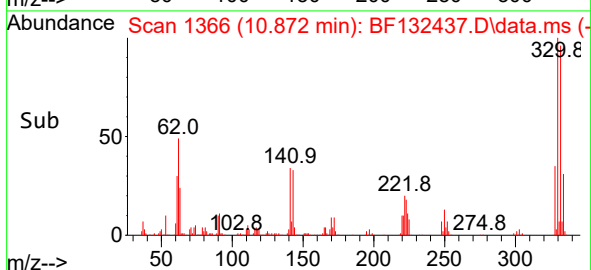
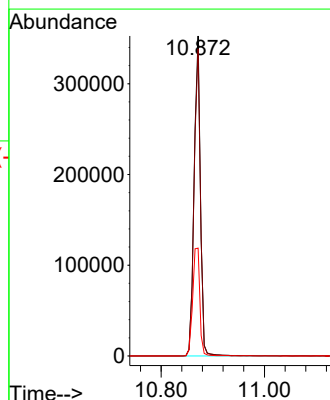
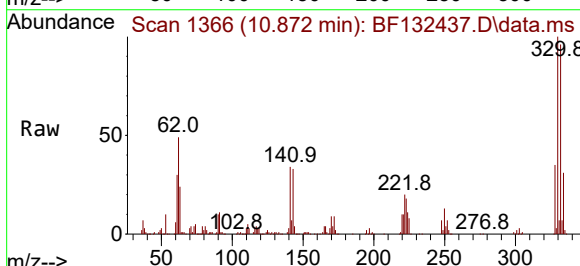
Tgt Ion:330 Resp: 298096

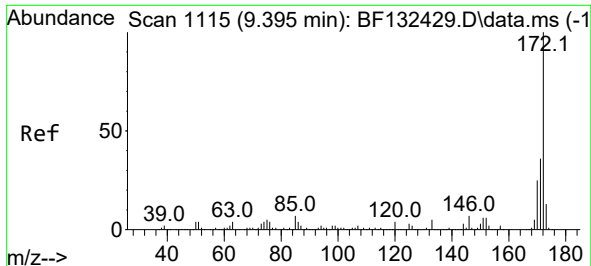
Ion Ratio Lower Upper

330 100

332 97.0 76.3 114.5

141 38.3 30.3 45.5





#45

2-Fluorobiphenyl

Concen: 66.968 ng

RT: 9.395 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF132437.D

Acq: 16 Feb 2023 16:56

Instrument :

BNA_F

ClientSampleId :

PB150899BL

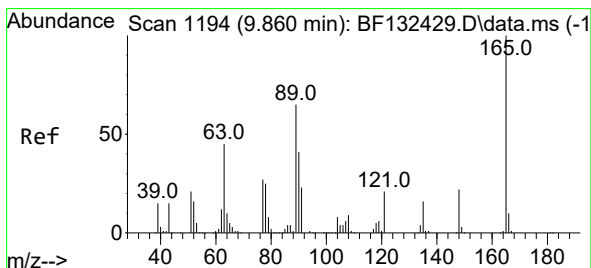
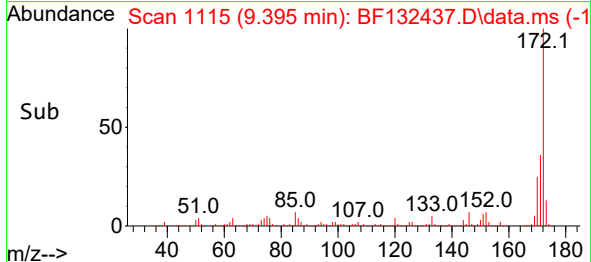
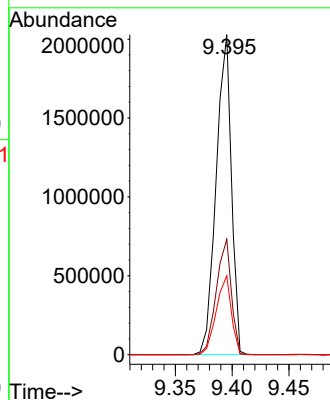
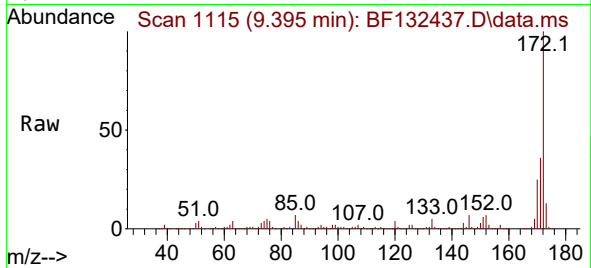
Tgt Ion:172 Resp: 1893867

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

170 24.6 19.9 29.9



#51

2,6-Dinitrotoluene

Concen: 8.096 ng

RT: 10.078 min Scan# 1231

Delta R.T. 0.218 min

Lab File: BF132437.D

Acq: 16 Feb 2023 16:56

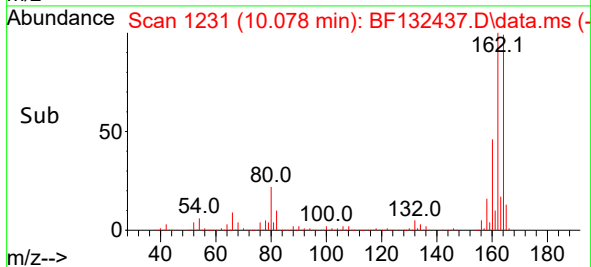
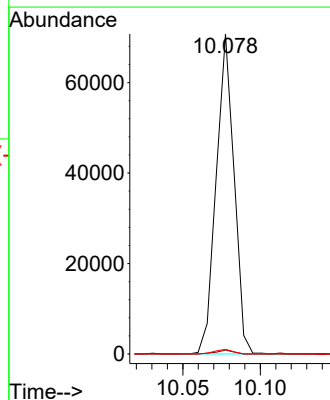
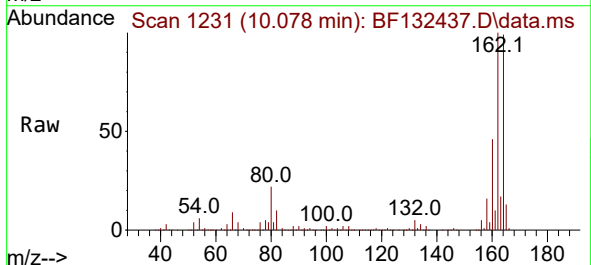
Tgt Ion:165 Resp: 56625

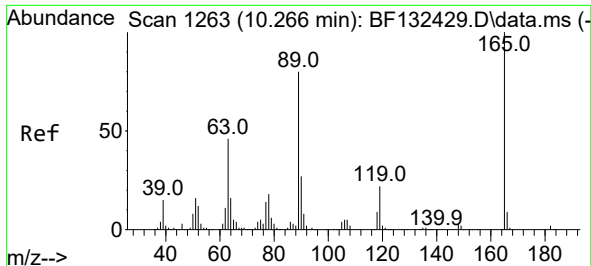
Ion Ratio Lower Upper

165 100

63 1.2 50.4 75.6#

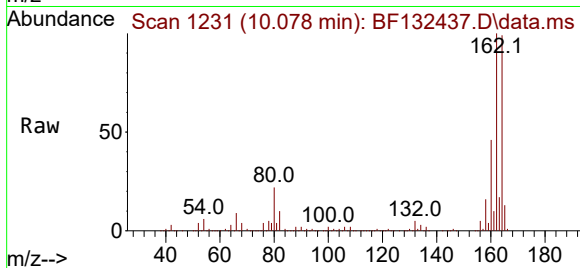
89 1.5 52.2 78.2#



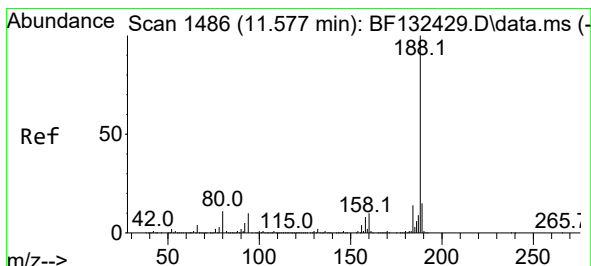
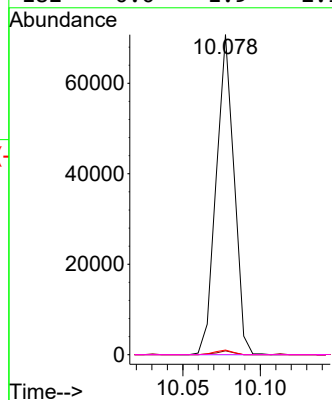
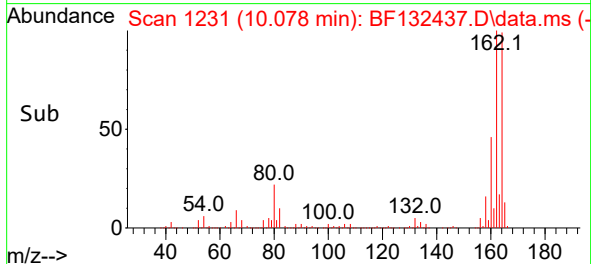


#57
2,4-Dinitrotoluene
Concen: 6.150 ng
RT: 10.078 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132437.D
Acq: 16 Feb 2023 16:56

Instrument :
BNA_F
ClientSampleId :
PB150899BL

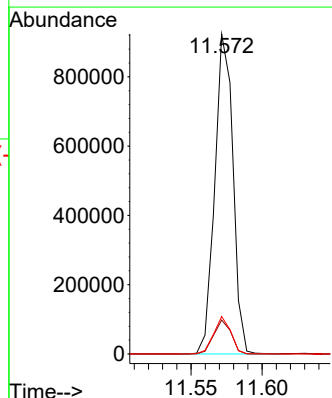
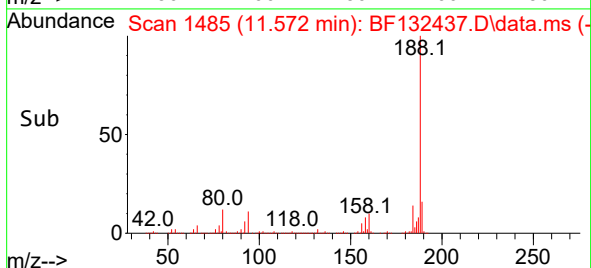
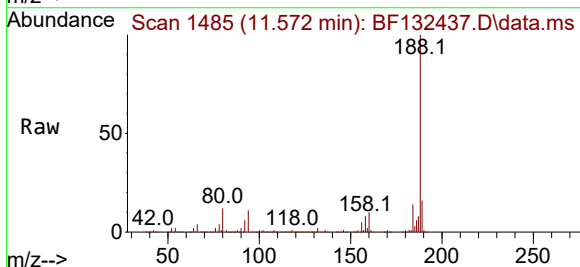


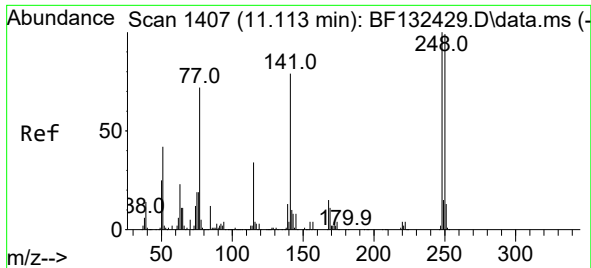
Tgt Ion:165 Resp: 56625
Ion Ratio Lower Upper
165 100
63 1.2 37.1 55.7#
89 1.5 63.6 95.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF132437.D
Acq: 16 Feb 2023 16:56

Tgt Ion:188 Resp: 822804
Ion Ratio Lower Upper
188 100
94 10.6 8.0 12.0
80 11.7 8.6 12.8

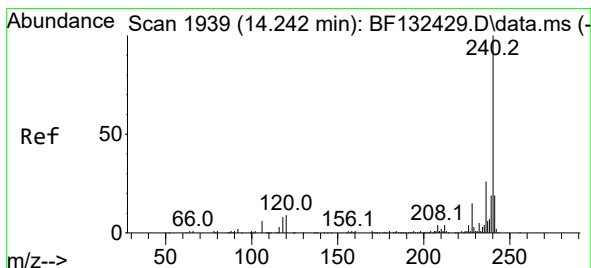
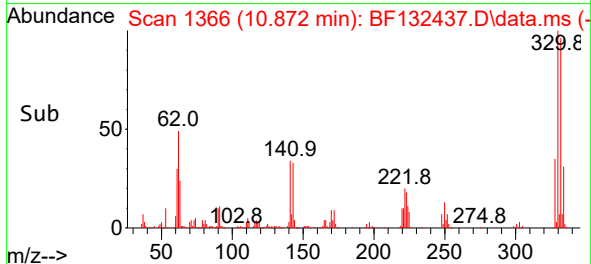
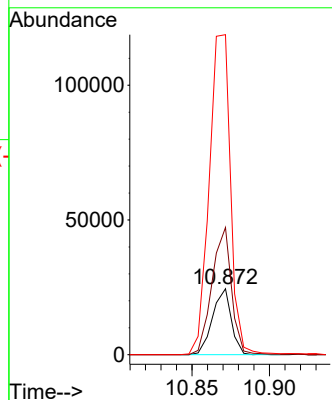
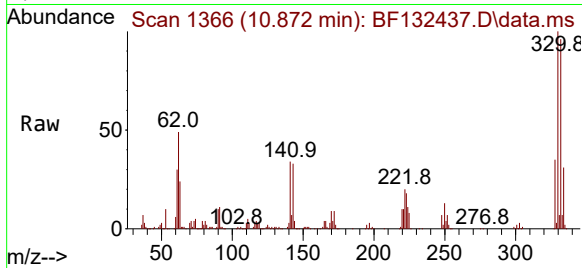




#67
4-Bromophenyl-phenylether
Concen: 2.287 ng
RT: 10.872 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132437.D
Acq: 16 Feb 2023 16:56

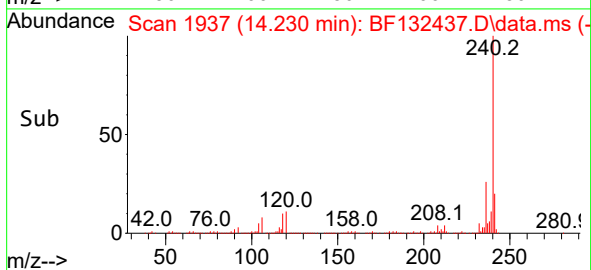
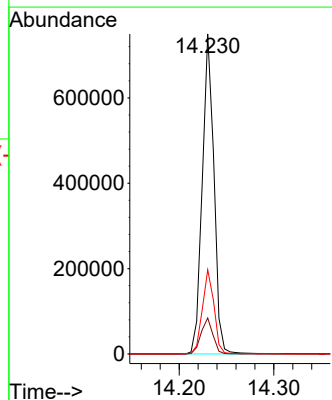
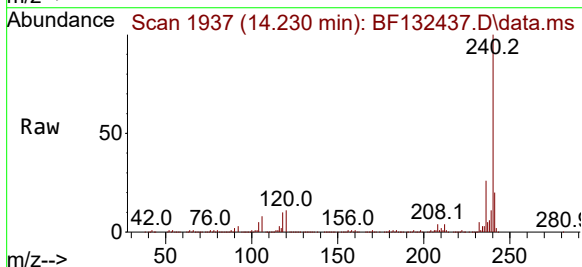
Instrument :
BNA_F
ClientSampleId :
PB150899BL

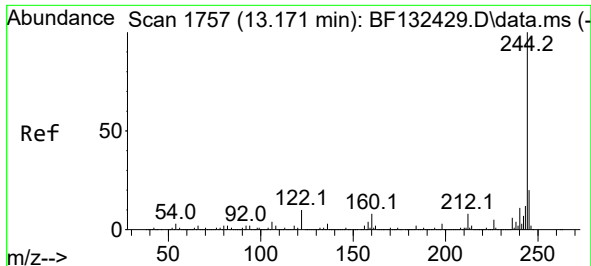
Tgt Ion:248 Resp: 20628
Ion Ratio Lower Upper
248 100
250 192.8 79.0 118.4#
141 485.1 63.3 94.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.230 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BF132437.D
Acq: 16 Feb 2023 16:56

Tgt Ion:240 Resp: 641461
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3
236 26.3 21.0 31.6

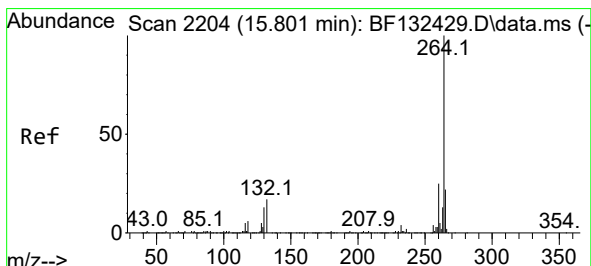
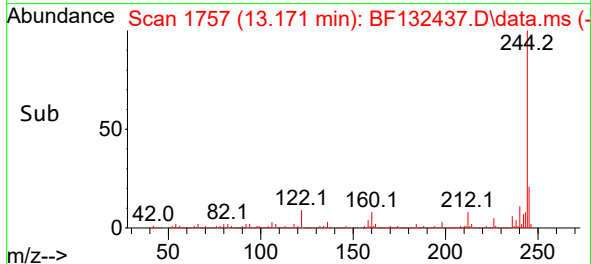
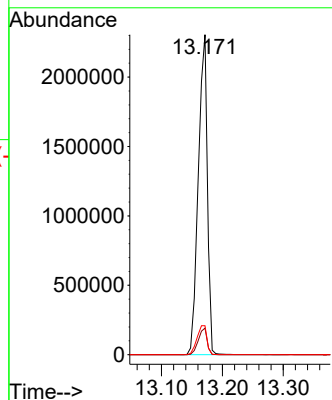
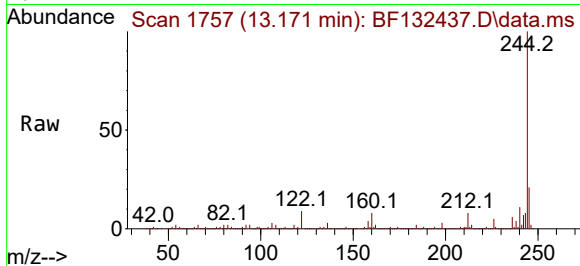




#79
 Terphenyl-d14
 Concen: 67.835 ng
 RT: 13.171 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF132437.D
 Acq: 16 Feb 2023 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB150899BL

Tgt Ion:244 Resp: 2389264
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.7 10.1
 122 9.1 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.795 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF132437.D
 Acq: 16 Feb 2023 16:56

Tgt Ion:264 Resp: 513459
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.0 30.0
 265 20.6 17.2 25.8

