

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137614.D
 Acq On : 15 Mar 2024 17:31
 Operator : CG\JU
 Sample : PB159613BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159613BL

Quant Time: Mar 15 17:54:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

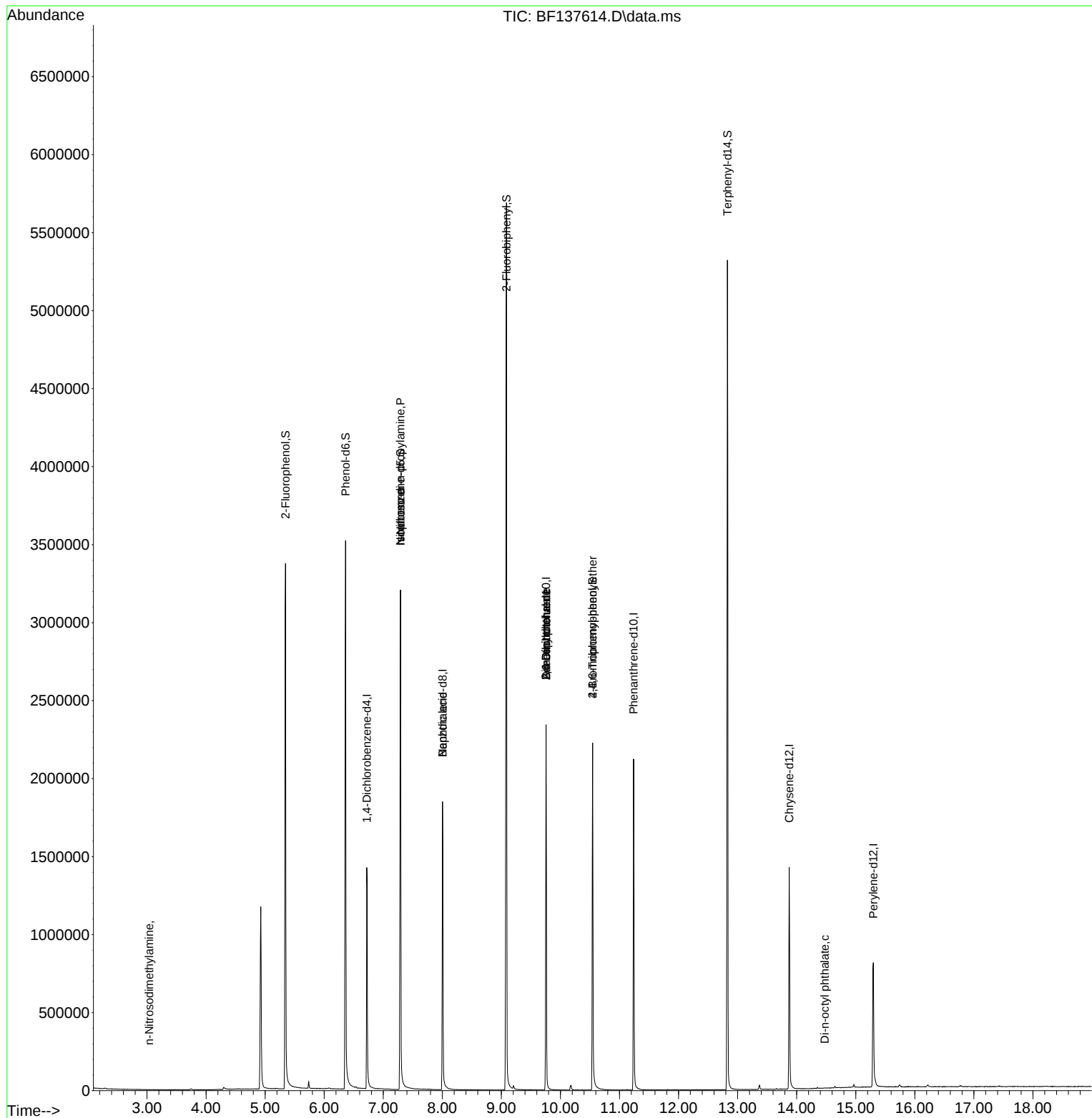
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	225273	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	887267	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	479601	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	777788	20.000	ng	0.00
76) Chrysene-d12	13.874	240	477900	20.000	ng	0.00
86) Perylene-d12	15.298	264	406994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1020779	68.628	ng	0.01
7) Phenol-d6	6.363	99	1363087	63.487	ng	0.00
23) Nitrobenzene-d5	7.292	82	1198267	62.750	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	270492	64.224	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1946554	63.533	ng	0.00
79) Terphenyl-d14	12.827	244	1996229	57.439	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.040	42	228	3.835	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	155171	11.704	ng	# 77
25) Isophorone	7.292	82	1198259	33.029	ng	# 69
32) Benzoic acid	8.004	122	56	6.305	ng	# 1
50) Dimethylphthalate	9.757	163	73159	2.191	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	61891	8.863	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	61892	7.214	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	17861	2.108	ng	# 1
85) Di-n-octyl phthalate	14.474	149	583	5.624	ng	# 35

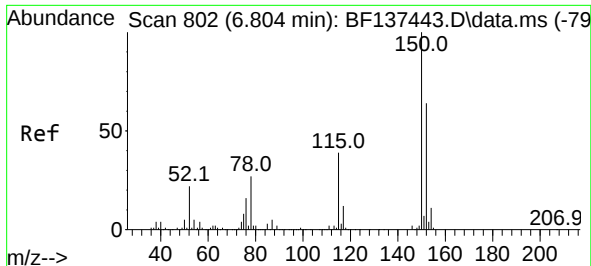
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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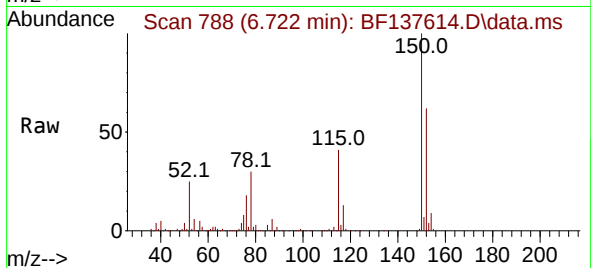
Quant Time: Mar 15 17:54:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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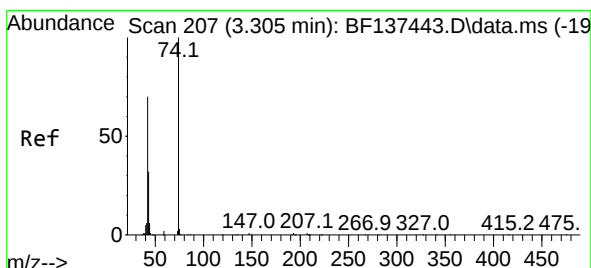
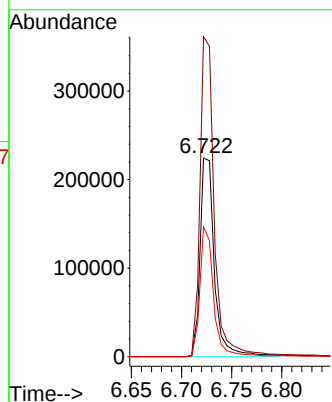
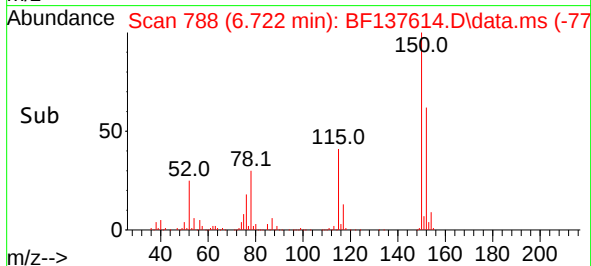


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

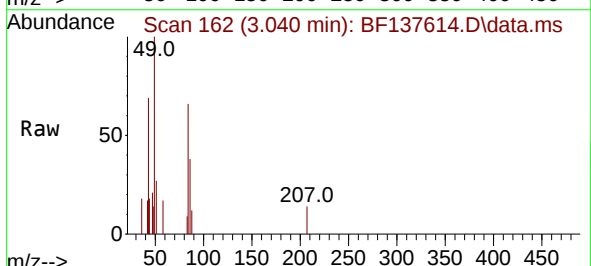
Instrument :
BNA_F
ClientSampleId :
PB159613BL



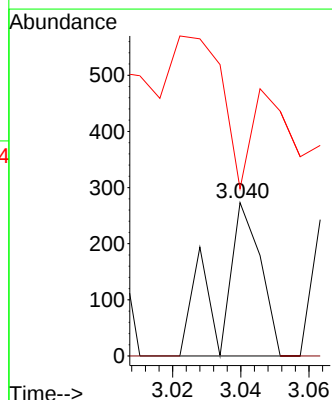
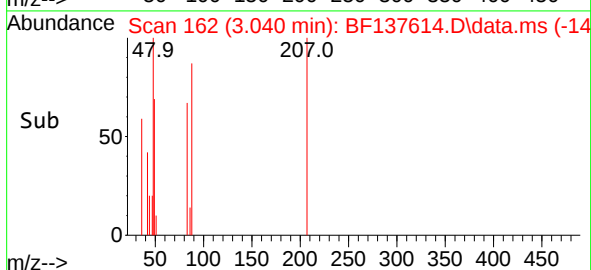
Tgt Ion:152 Resp: 225273
Ion Ratio Lower Upper
152 100
150 161.1 125.8 188.6
115 65.4 48.8 73.2

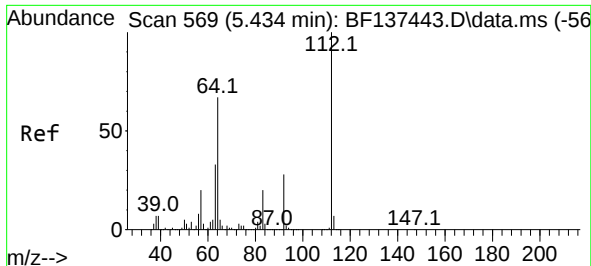


#4
n-Nitrosodimethylamine
Concen: 3.835 ng
RT: 3.040 min Scan# 162
Delta R.T. -0.000 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31



Tgt Ion: 42 Resp: 228
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 109.2 7.0 10.4#

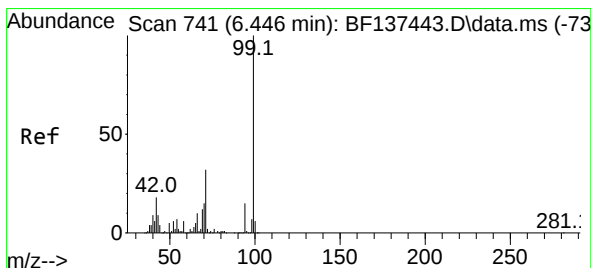
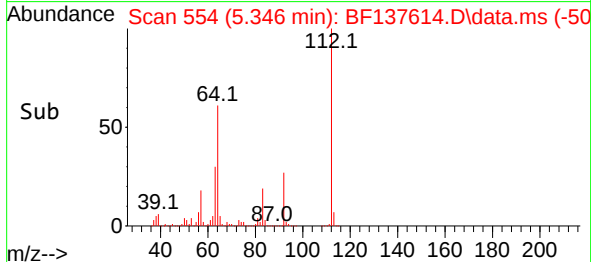
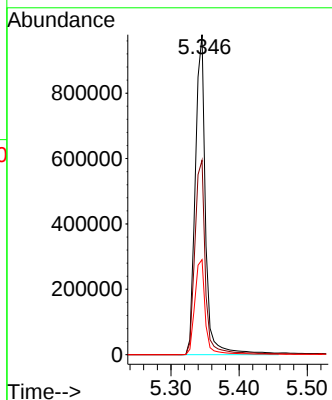
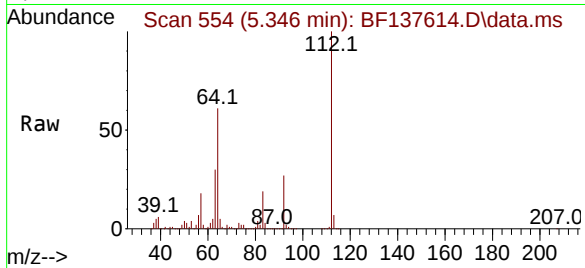




#5
2-Fluorophenol
Concen: 68.628 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

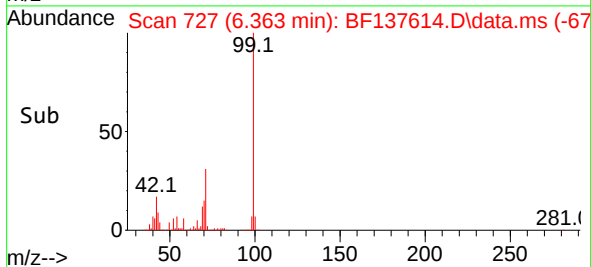
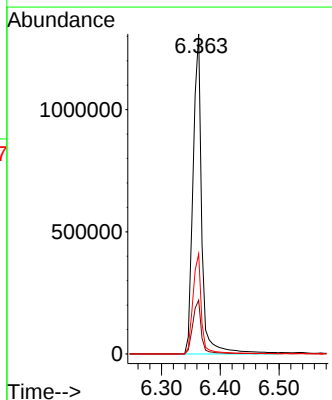
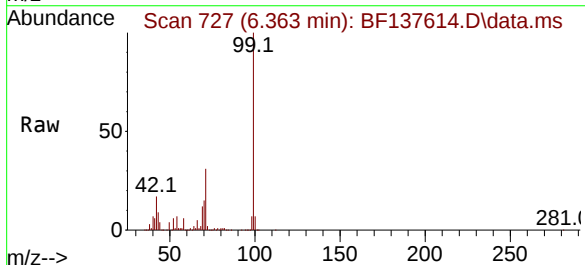
Instrument :
BNA_F
ClientSampleId :
PB159613BL

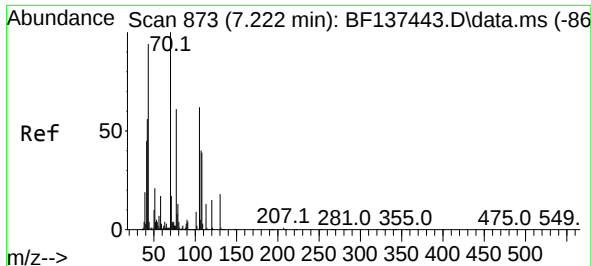
Tgt Ion:112 Resp: 1020779
Ion Ratio Lower Upper
112 100
64 60.8 53.4 80.2
63 29.7 26.2 39.2



#7
Phenol-d6
Concen: 63.487 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

Tgt Ion: 99 Resp: 1363087
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 31.3 25.3 37.9

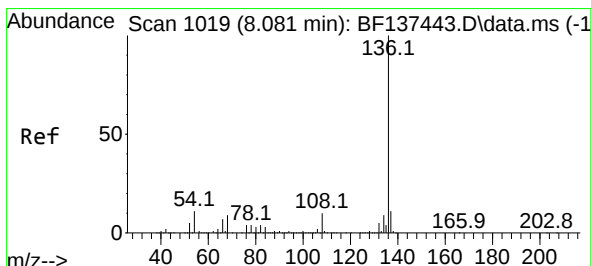
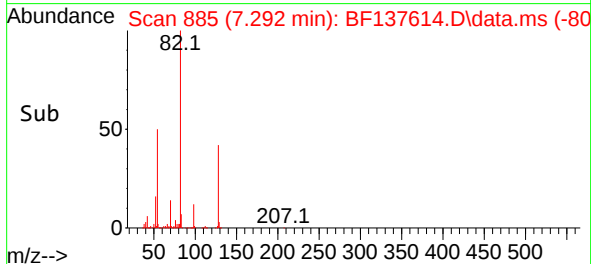
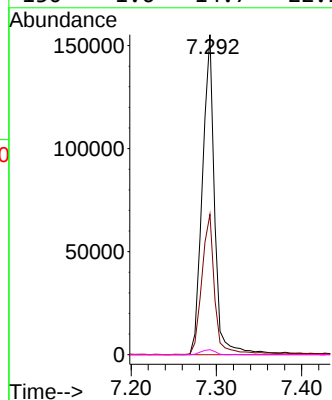
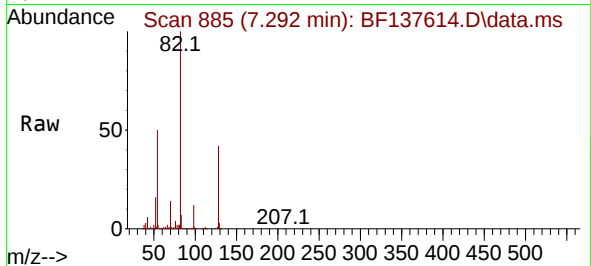




#19
n-Nitroso-di-n-propylamine
Concen: 11.704 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

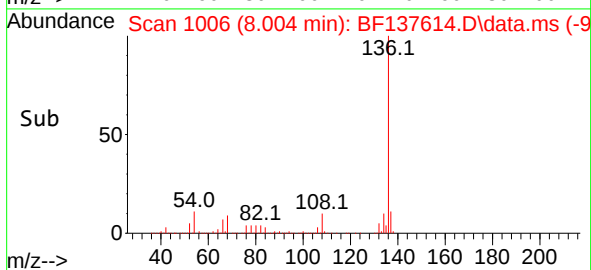
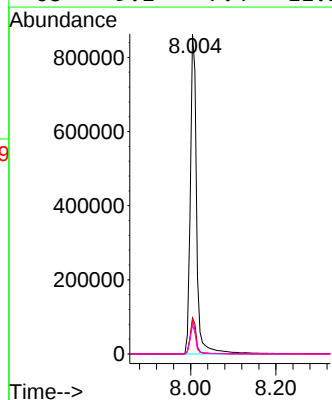
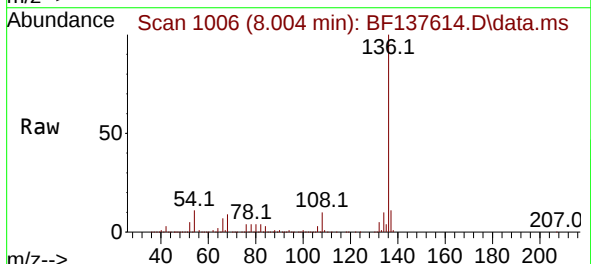
Instrument :
BNA_F
ClientSampleId :
PB159613BL

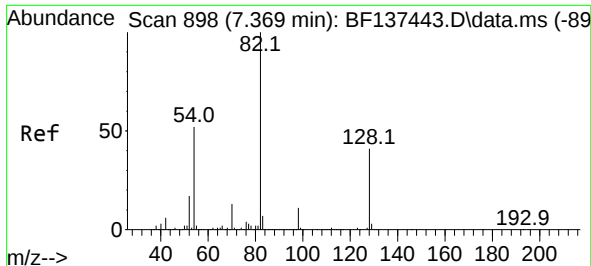
Tgt Ion: 70 Resp: 155171
Ion Ratio Lower Upper
70 100
42 43.9 45.2 67.8#
101 0.0 7.3 10.9#
130 1.6 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

Tgt Ion: 136 Resp: 887267
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.8 8.5 12.7
68 9.1 7.4 11.2

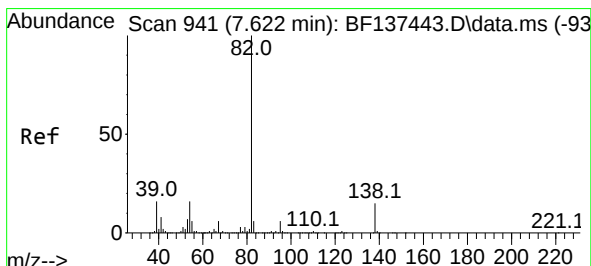
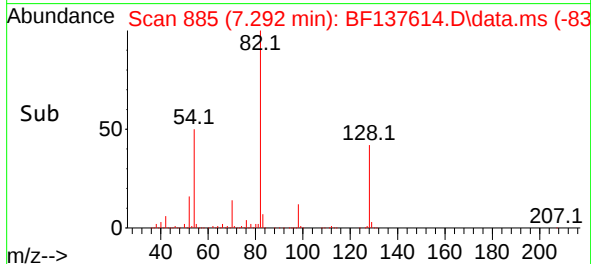
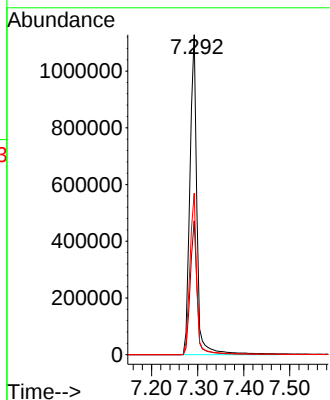
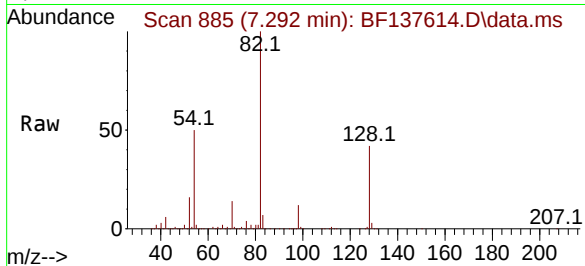




#23
Nitrobenzene-d5
Concen: 62.750 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

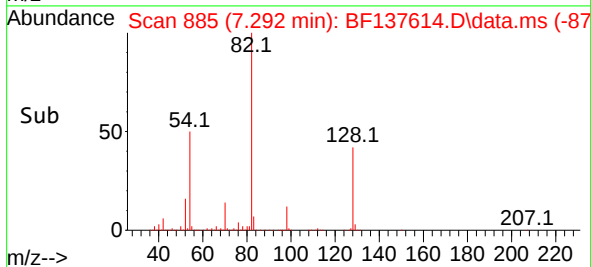
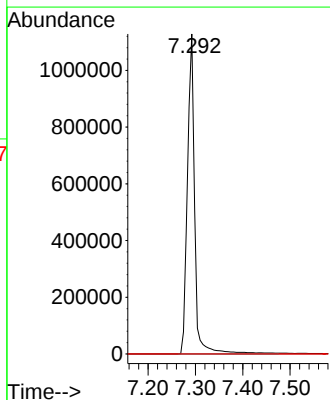
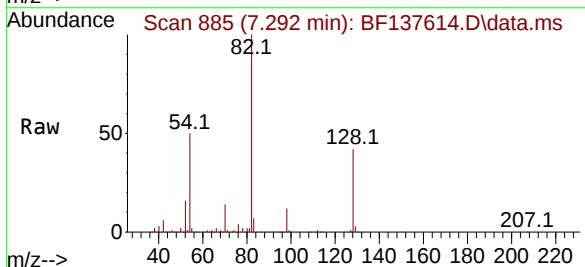
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ClientSampleId :
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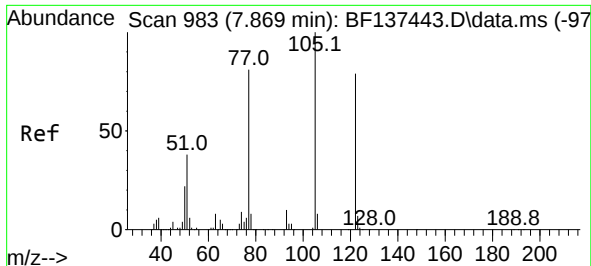
Tgt Ion: 82 Resp: 1198267
Ion Ratio Lower Upper
82 100
128 41.9 32.5 48.7
54 50.5 41.5 62.3



#25
Isophorone
Concen: 33.029 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.259 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

Tgt Ion: 82 Resp: 1198259
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

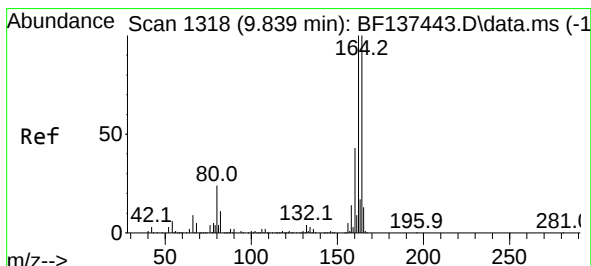
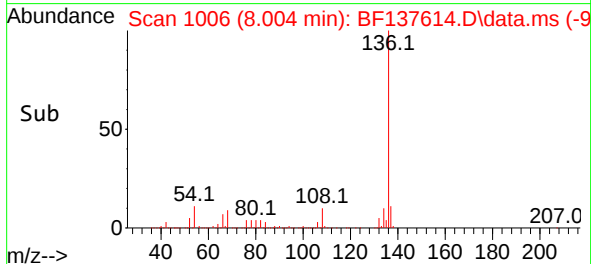
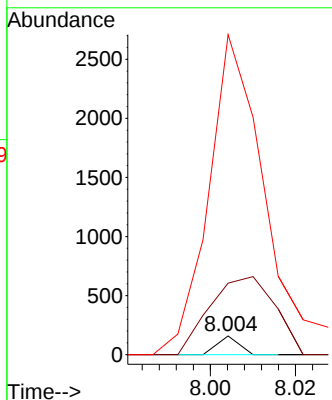
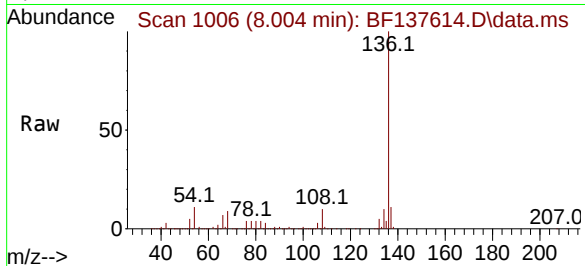




#32
Benzoic acid
Concen: 6.305 ng
RT: 8.004 min Scan# 10
Delta R.T. 0.206 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

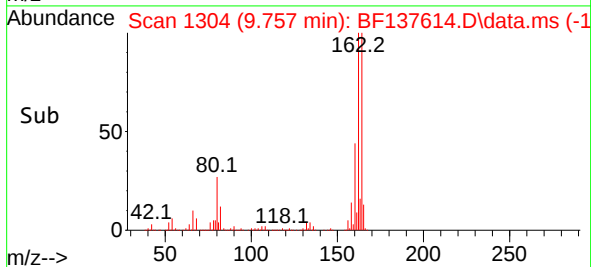
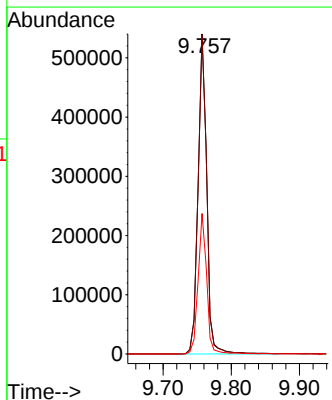
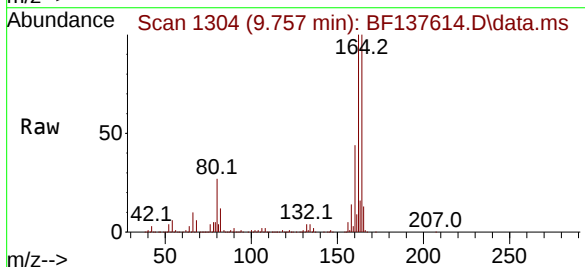
Instrument :
BNA_F
ClientSampleId :
PB159613BL

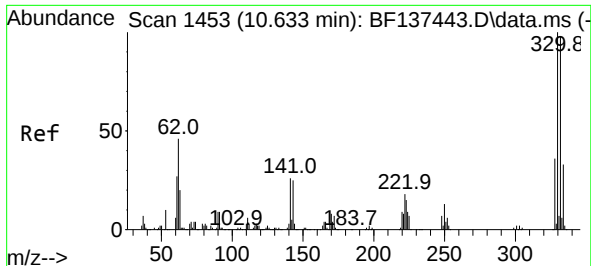
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 381.1 102.4 142.4#
77 1703.1 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

Tgt Ion:164 Resp: 479601
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.8
160 43.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 64.224 ng

RT: 10.545 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF137614.D

Acq: 15 Mar 2024 17:31

Instrument :

BNA_F

ClientSampleId :

PB159613BL

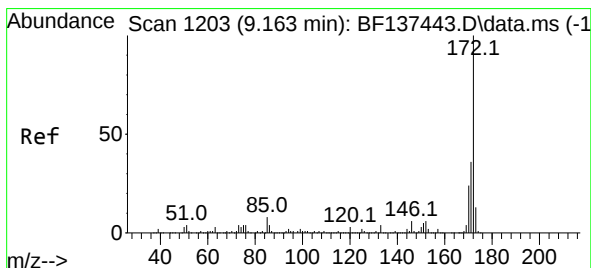
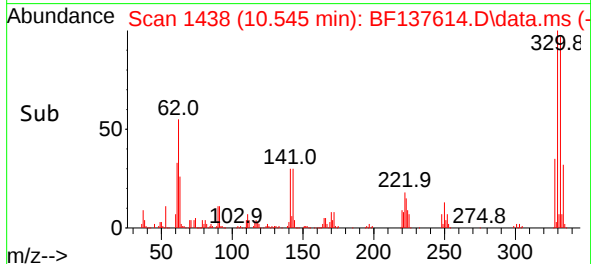
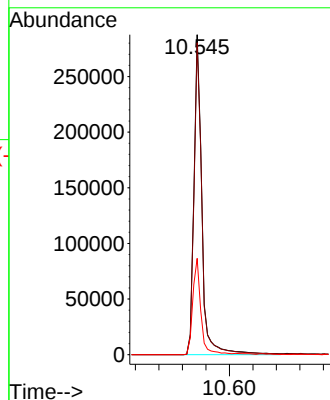
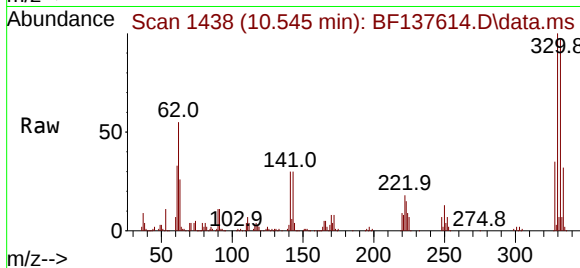
Tgt Ion:330 Resp: 270492

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 31.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 63.533 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137614.D

Acq: 15 Mar 2024 17:31

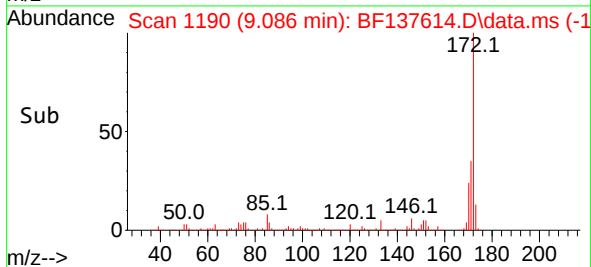
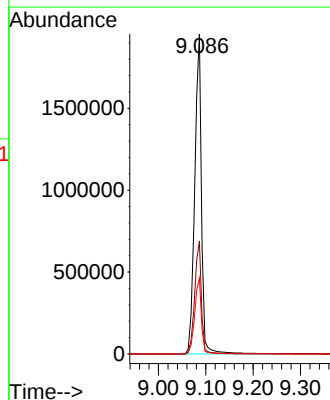
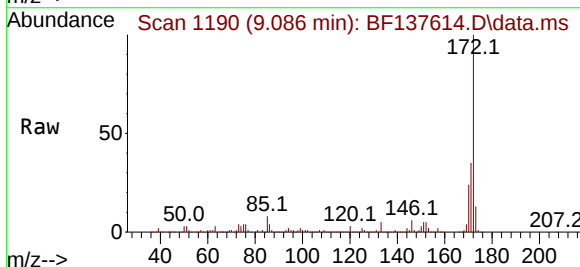
Tgt Ion:172 Resp: 1946554

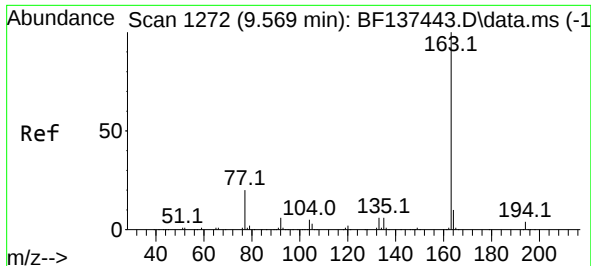
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.7 19.0 28.6

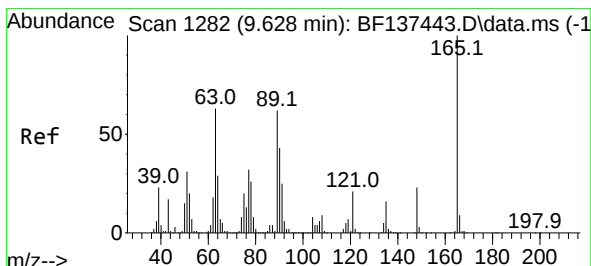
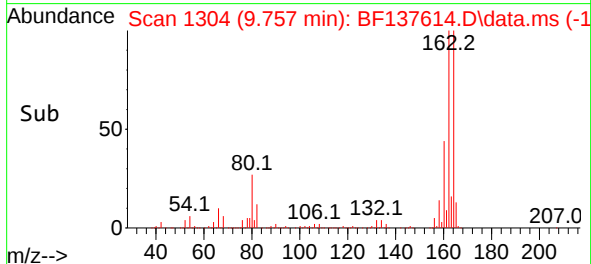
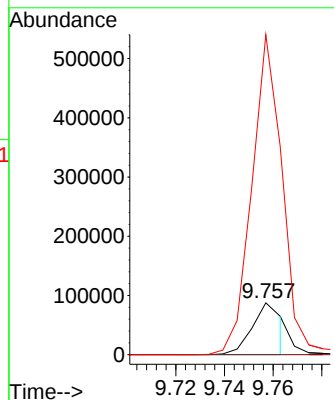
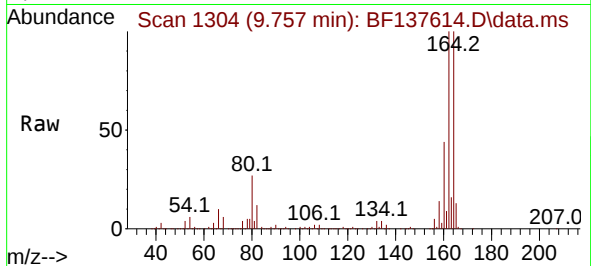




#50
Dimethylphthalate
Concen: 2.191 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

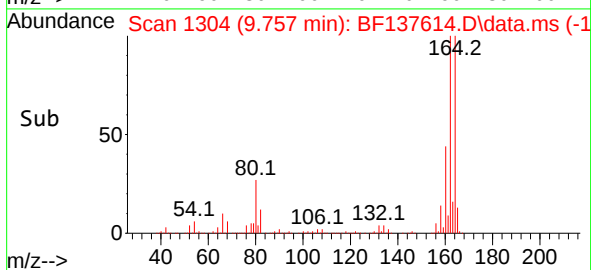
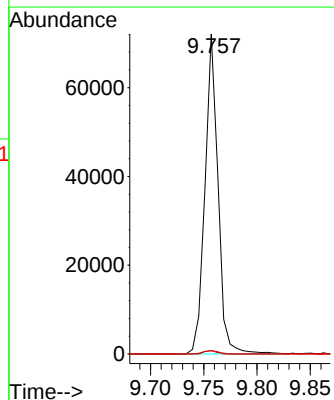
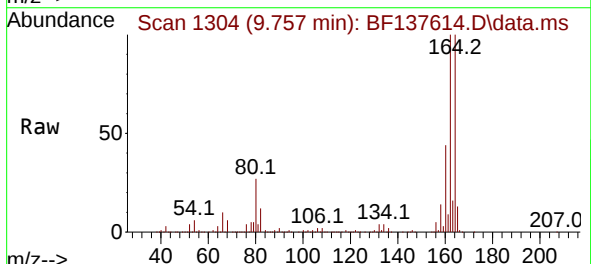
Instrument :
BNA_F
ClientSampleId :
PB159613BL

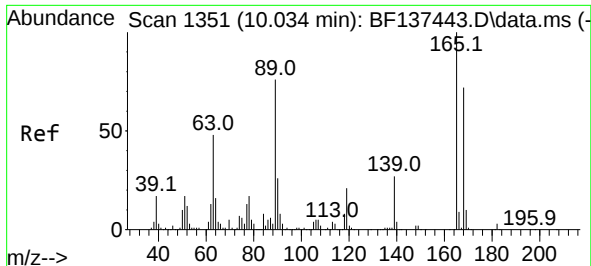
Tgt Ion:163 Resp: 73159
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 617.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.863 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

Tgt Ion:165 Resp: 61891
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 1.0 50.0 75.0#

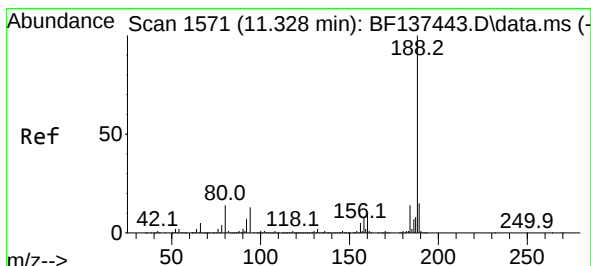
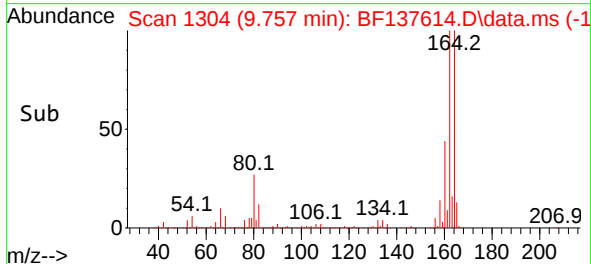
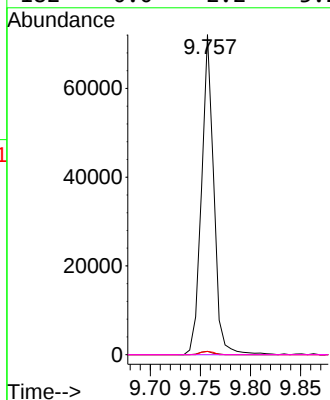
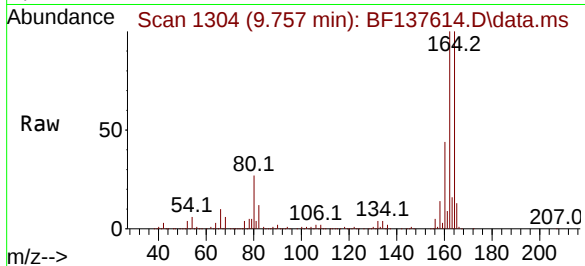




#57
2,4-Dinitrotoluene
Concen: 7.214 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

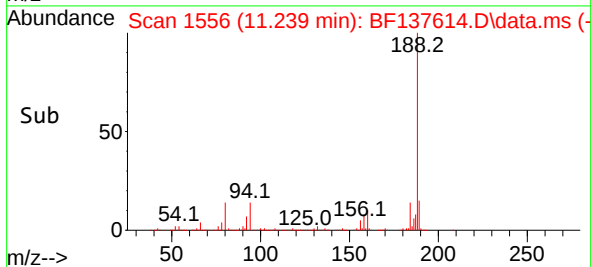
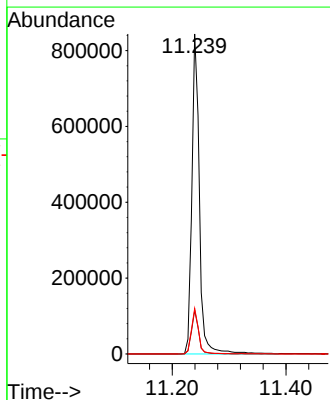
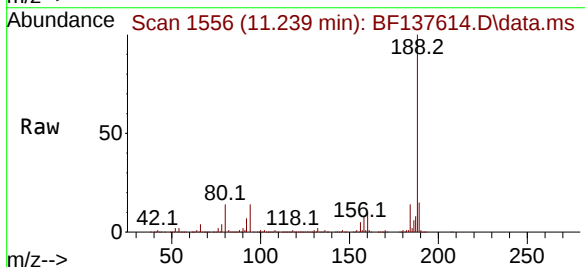
Instrument :
BNA_F
ClientSampleId :
PB159613BL

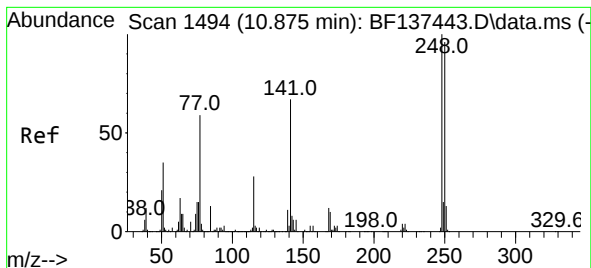
Tgt Ion:165 Resp: 61892
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.0 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

Tgt Ion:188 Resp: 777788
Ion Ratio Lower Upper
188 100
94 13.7 10.6 15.8
80 14.2 11.5 17.3

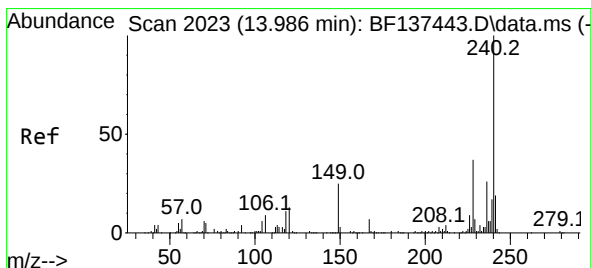
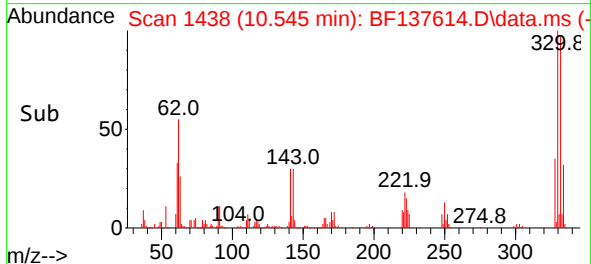
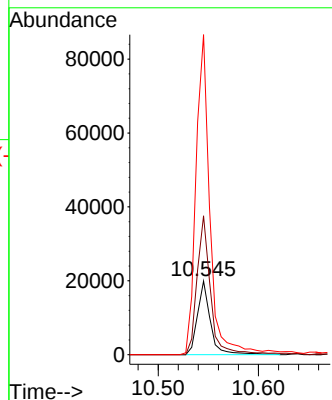
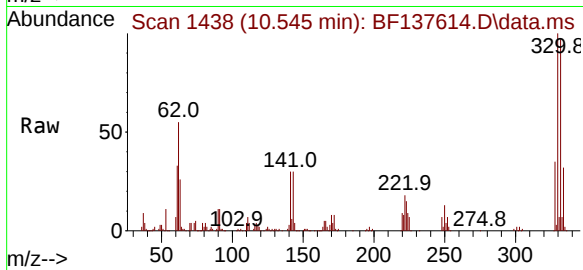




#67
4-Bromophenyl-phenylether
Concen: 2.108 ng
RT: 10.545 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

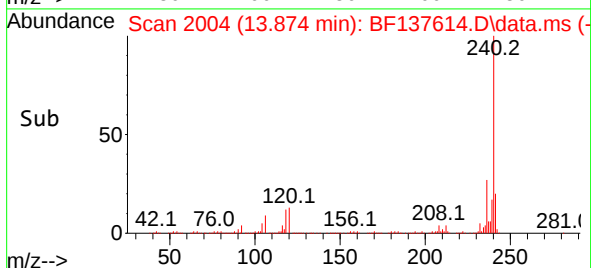
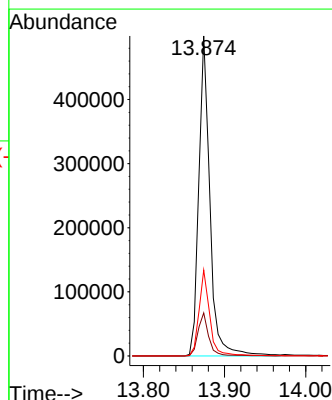
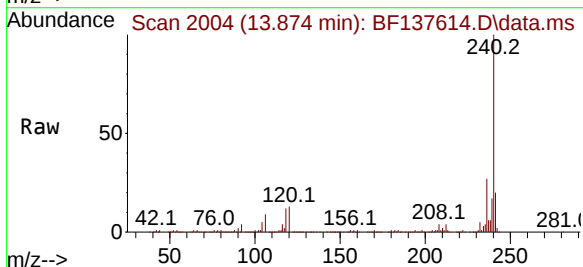
Instrument :
BNA_F
ClientSampleId :
PB159613BL

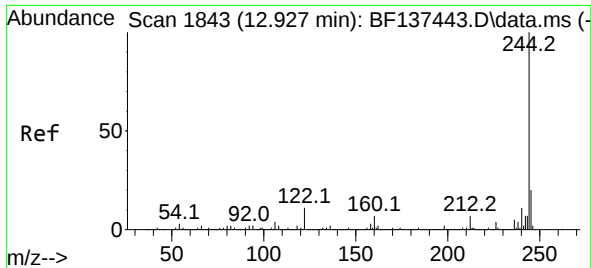
Tgt Ion:248 Resp: 17861
Ion Ratio Lower Upper
248 100
250 188.6 76.8 115.2#
141 434.5 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137614.D
Acq: 15 Mar 2024 17:31

Tgt Ion:240 Resp: 477900
Ion Ratio Lower Upper
240 100
120 13.5 10.4 15.6
236 26.9 20.9 31.3

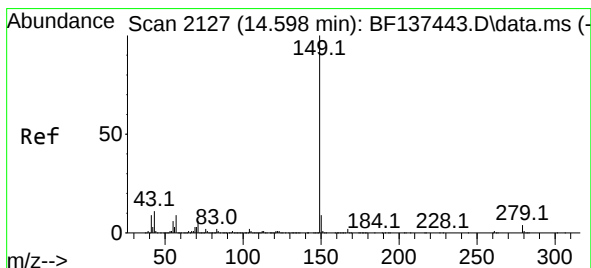
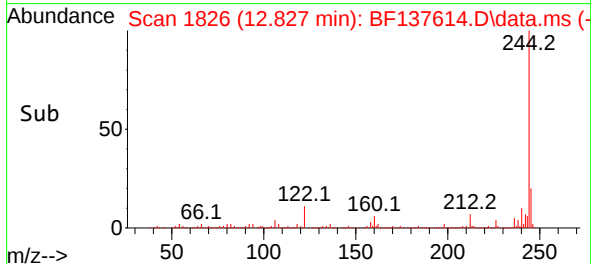
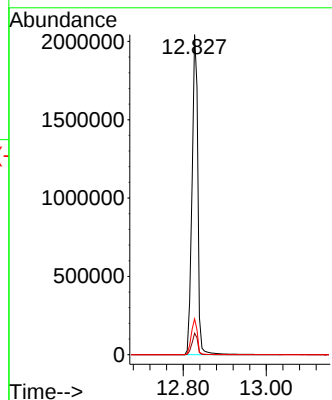
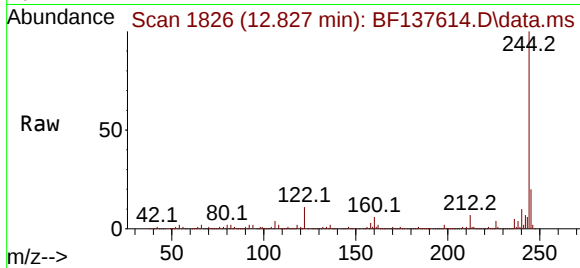




#79
 Terphenyl-d14
 Concen: 57.439 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137614.D
 Acq: 15 Mar 2024 17:31

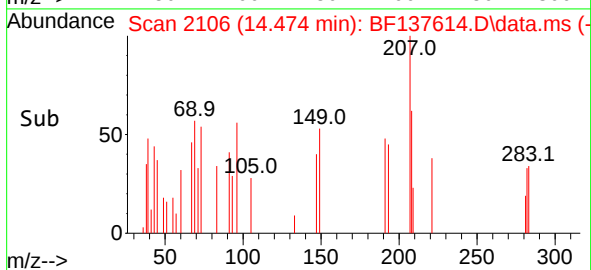
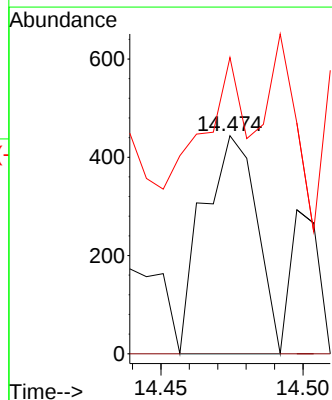
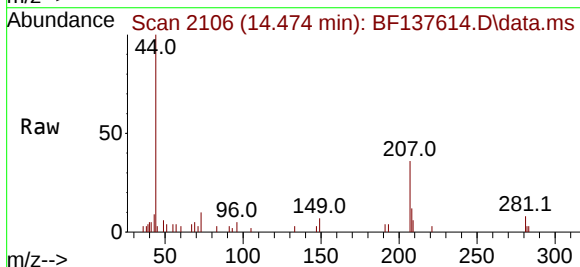
Instrument :
 BNA_F
 ClientSampleId :
 PB159613BL

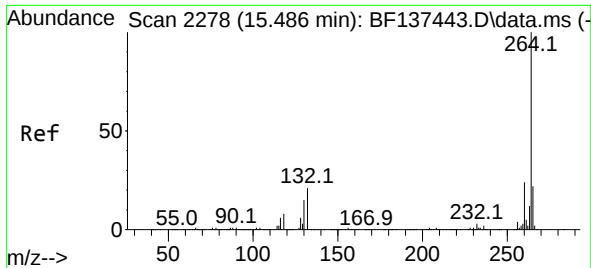
Tgt Ion:244 Resp: 1996229
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.2 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.624 ng
 RT: 14.474 min Scan# 2106
 Delta R.T. -0.000 min
 Lab File: BF137614.D
 Acq: 15 Mar 2024 17:31

Tgt Ion:149 Resp: 583
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 40.3 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF137614.D
 Acq: 15 Mar 2024 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB159613BL

Tgt Ion:264 Resp: 406994
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 21.1 17.4 26.0

