

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137628.D
 Acq On : 18 Mar 2024 13:38
 Operator : CG\JU
 Sample : P1773-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PMW-2

Quant Time: Mar 18 13:58:25 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)

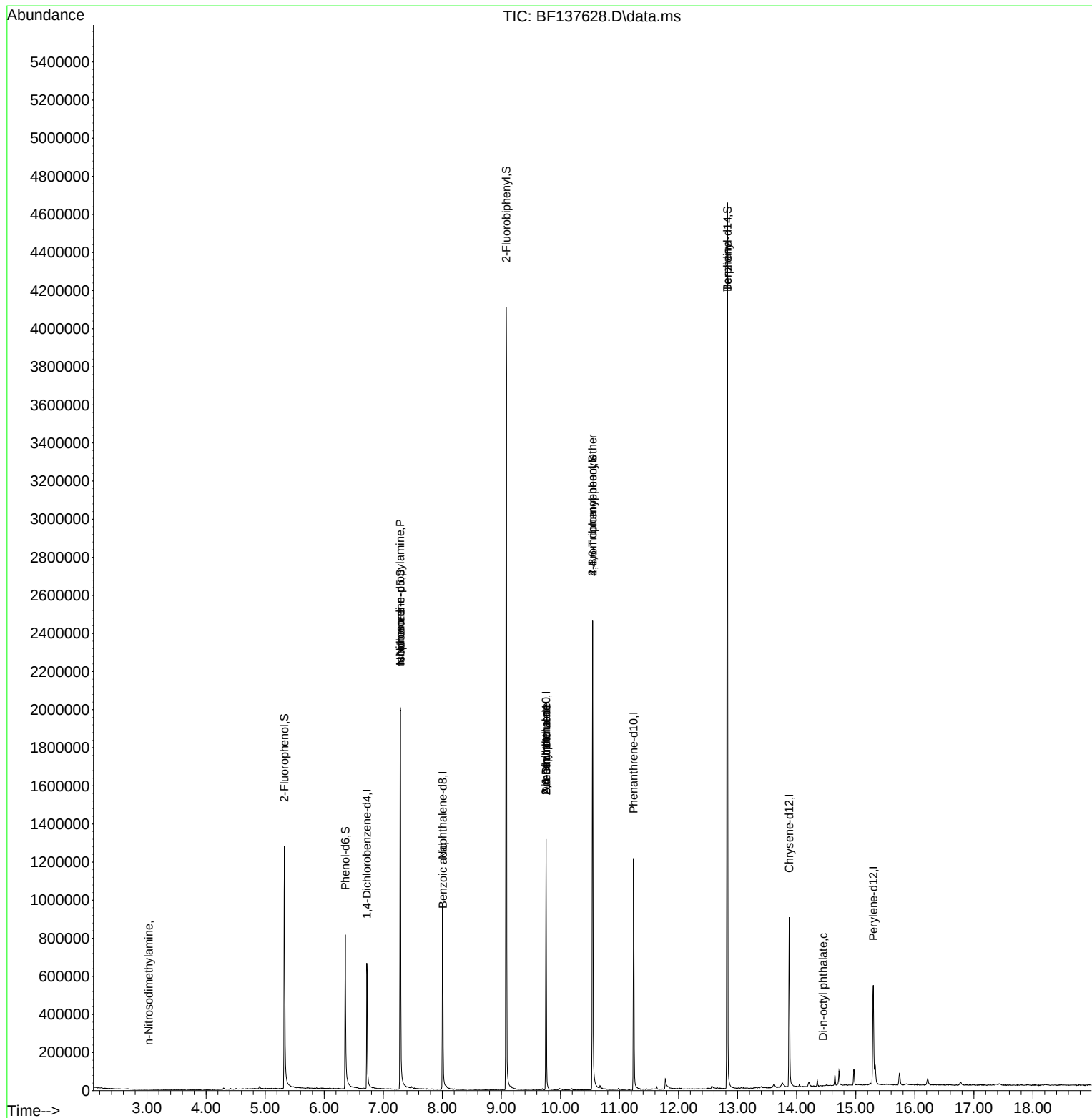
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	108404	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	436594	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	250091	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	440023	20.000	ng	0.00
76) Chrysene-d12	13.874	240	300619	20.000	ng	0.00
86) Perylene-d12	15.298	264	251944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	407163	56.886	ng	0.00
7) Phenol-d6	6.357	99	329375	31.880	ng	-0.01
23) Nitrobenzene-d5	7.292	82	737607	78.499	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	289964	132.028	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1331791	83.359	ng	0.00
79) Terphenyl-d14	12.827	244	1633597	74.725	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.028	42	417	3.909	ng	# 1
19) n-Nitroso-di-n-propyla...	7.287	70	96465	15.120	ng	# 81
25) Isophorone	7.292	82	737601	41.319	ng	# 69
32) Benzoic acid	8.010	122	59	6.311	ng	# 1
50) Dimethylphthalate	9.757	163	39130	2.248	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	32787	9.004	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	32787	7.329	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	18767	3.916	ng	# 1
77) Benzidine	12.827	184	18836	2.560	ng	# 94
85) Di-n-octyl phthalate	14.445	149	205	5.617	ng	# 1

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

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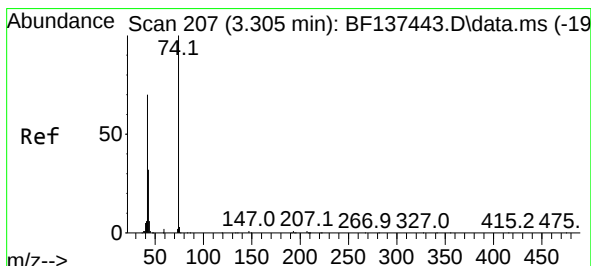
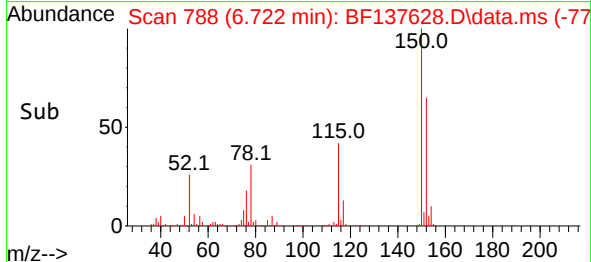
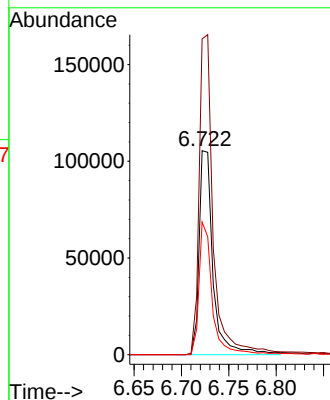
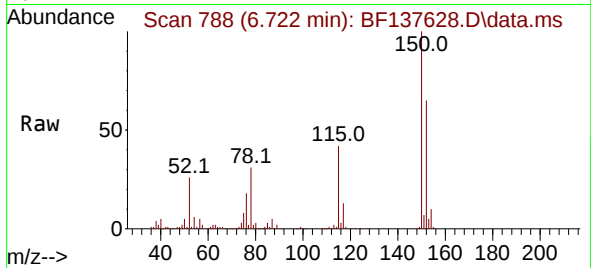




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

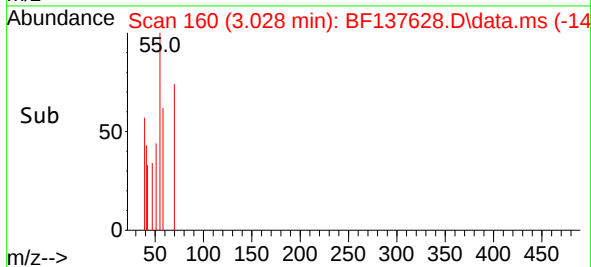
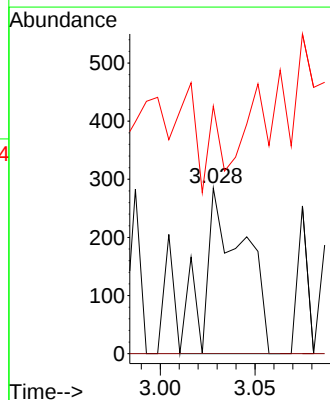
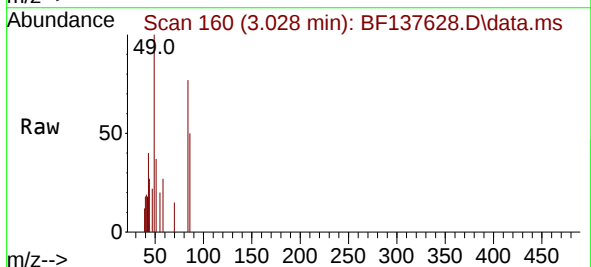
Instrument :
BNA_F
ClientSampleId :
PMW-2

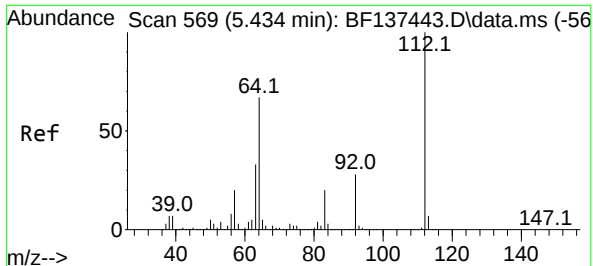
Tgt Ion:152 Resp: 108404
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.6
115 65.0 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.909 ng
RT: 3.028 min Scan# 160
Delta R.T. -0.012 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

Tgt Ion: 42 Resp: 417
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 149.5 7.0 10.4#

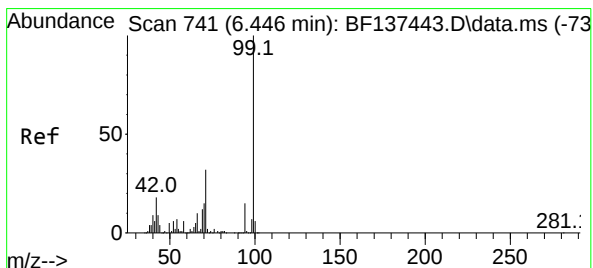
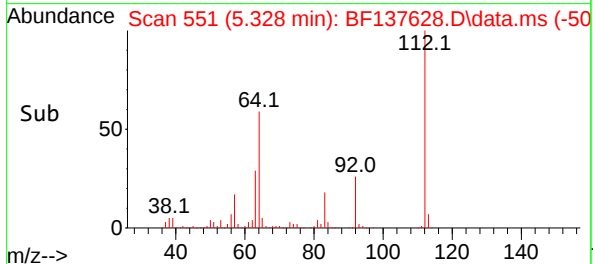
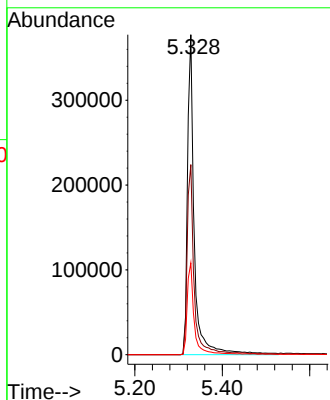
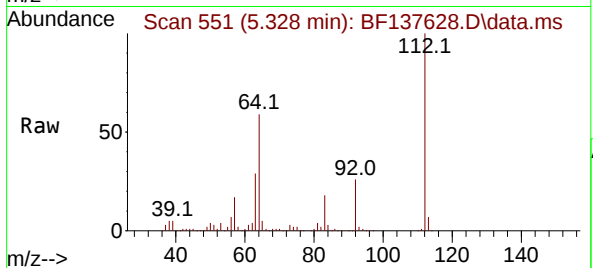




#5
2-Fluorophenol
Concen: 56.886 ng
RT: 5.328 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

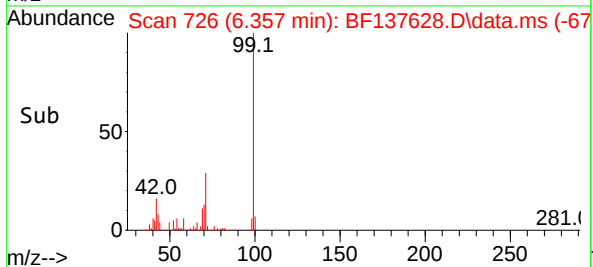
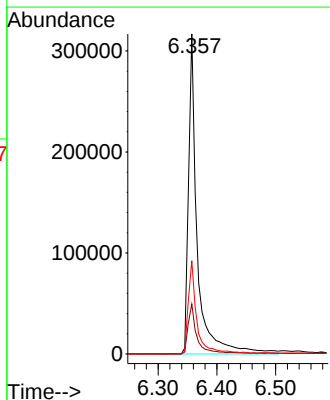
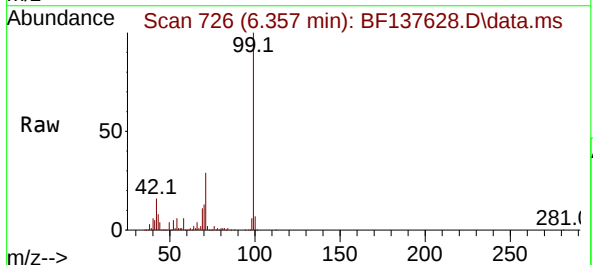
Instrument :
BNA_F
ClientSampleId :
PMW-2

Tgt Ion:112 Resp: 407163
Ion Ratio Lower Upper
112 100
64 59.4 53.4 80.2
63 28.7 26.2 39.2



#7
Phenol-d6
Concen: 31.880 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

Tgt Ion: 99 Resp: 329375
Ion Ratio Lower Upper
99 100
42 15.6 14.6 21.8
71 29.2 25.3 37.9

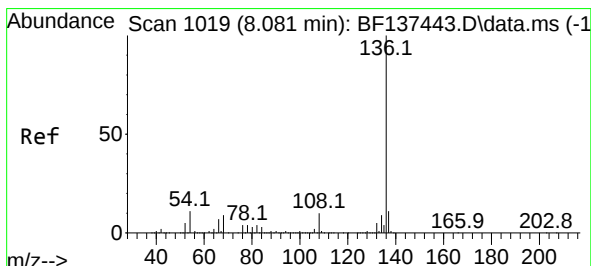
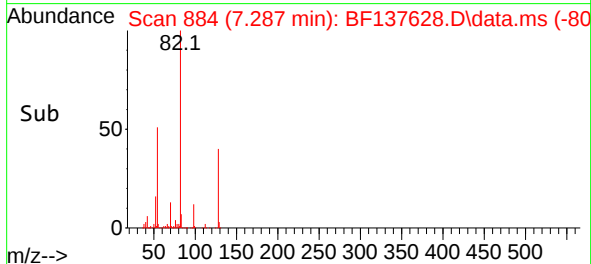
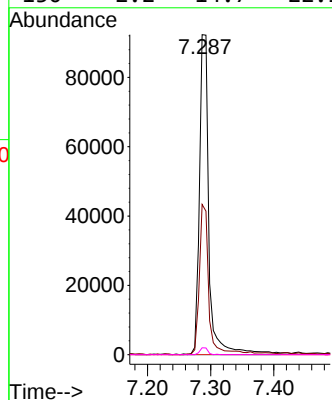
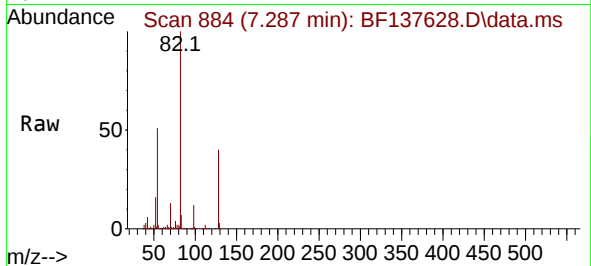




#19
n-Nitroso-di-n-propylamine
Concen: 15.120 ng
RT: 7.287 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

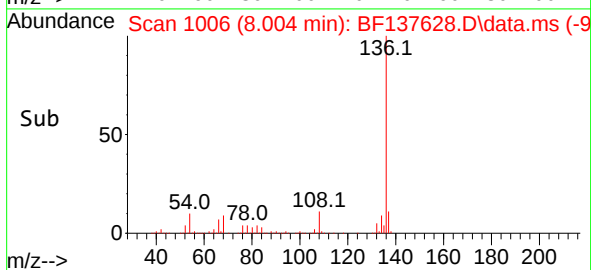
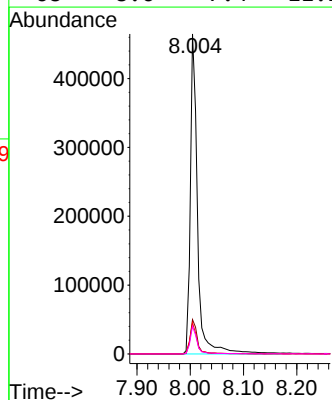
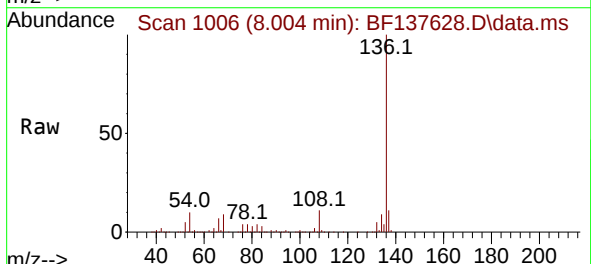
Instrument :
BNA_F
ClientSampleId :
PMW-2

Tgt Ion:	70	Resp:	96465
Ion	Ratio	Lower	Upper
70	100		
42	46.9	45.2	67.8
101	0.0	7.3	10.9#
130	2.2	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: BF137628.D
Acq: 18 Mar 2024 13:38

Tgt Ion:	136	Resp:	436594
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.7	8.5	12.7
68	8.6	7.4	11.2





#23

Nitrobenzene-d5

Concen: 78.499 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137628.D

Acq: 18 Mar 2024 13:38

Instrument :

BNA_F

ClientSampleId :

PMW-2

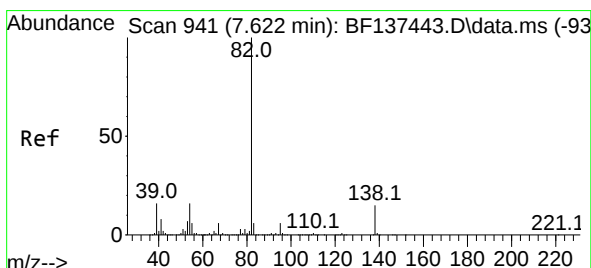
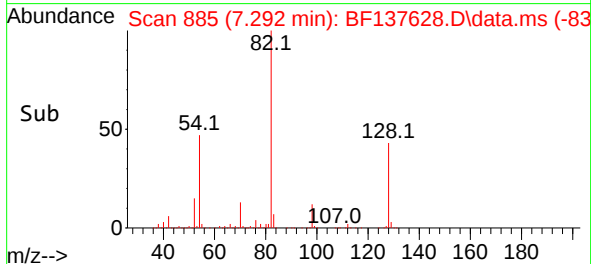
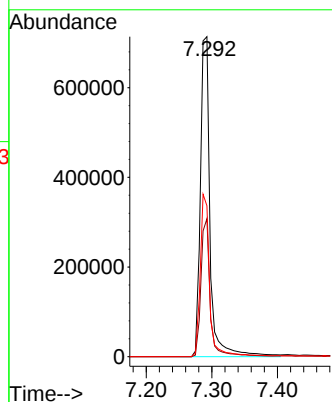
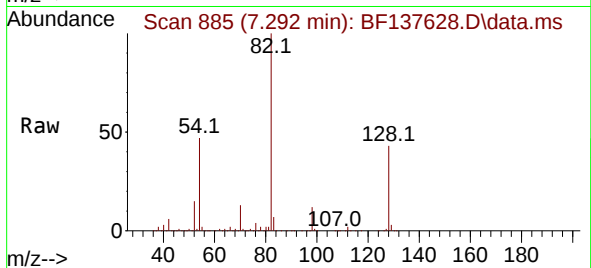
Tgt Ion: 82 Resp: 737607

Ion Ratio Lower Upper

82 100

128 43.1 32.5 48.7

54 47.1 41.5 62.3



#25

Isophorone

Concen: 41.319 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137628.D

Acq: 18 Mar 2024 13:38

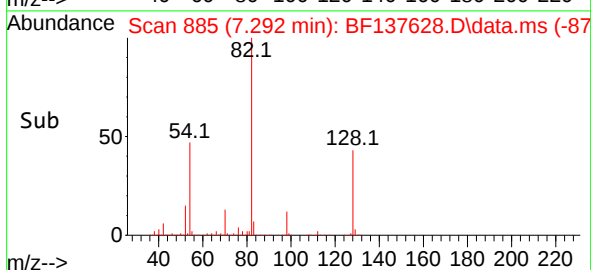
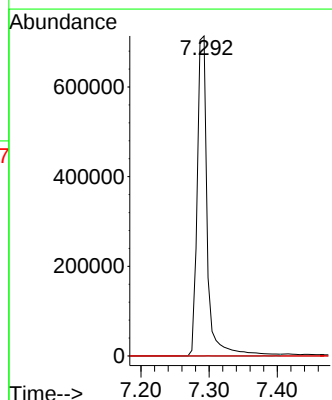
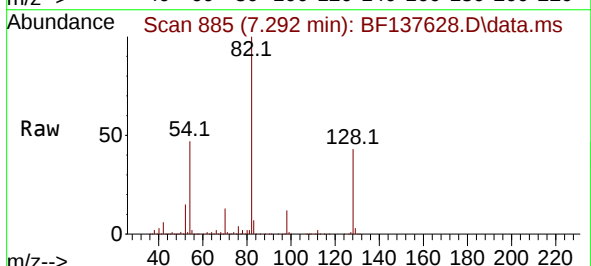
Tgt Ion: 82 Resp: 737601

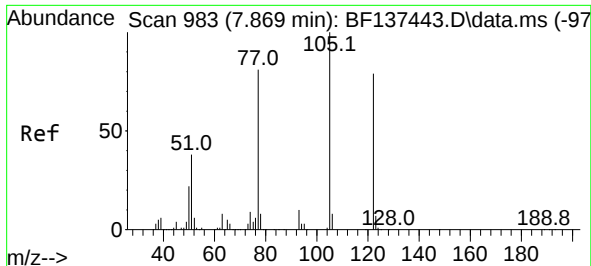
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

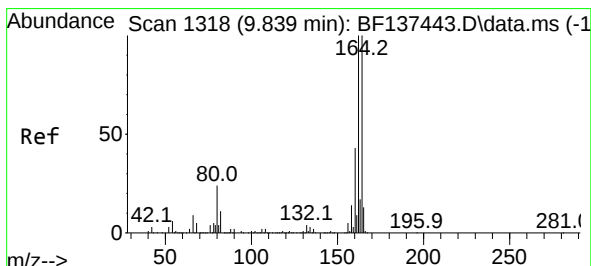
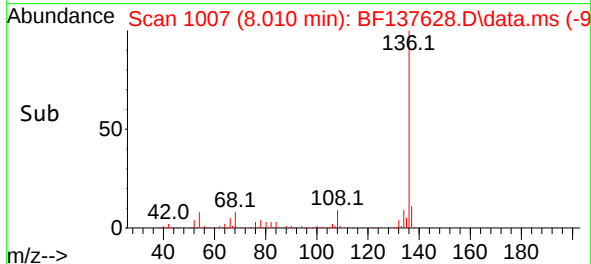
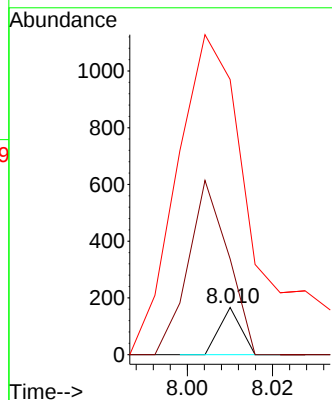
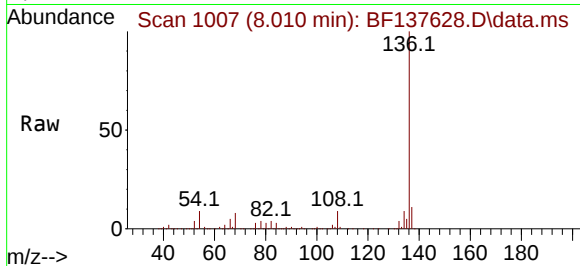




#32
Benzoic acid
Concen: 6.311 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.212 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

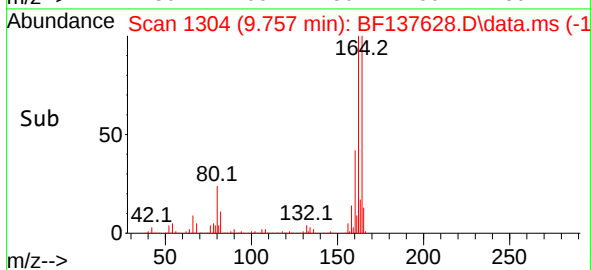
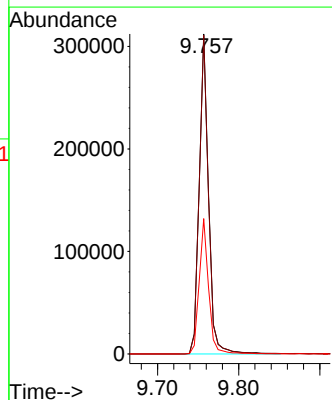
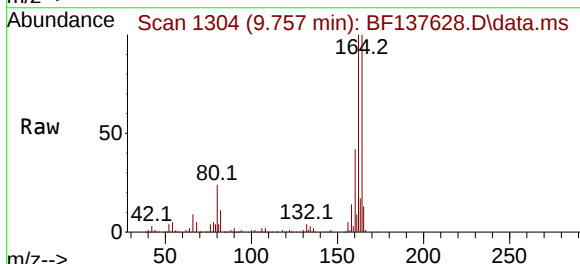
Instrument :
BNA_F
ClientSampleId :
PMW-2

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 203.6 102.4 142.4#
77 584.3 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: BF137628.D
Acq: 18 Mar 2024 13:38

Tgt Ion:164 Resp: 250091
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.8
160 42.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 132.028 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137628.D

Acq: 18 Mar 2024 13:38

Instrument :

BNA_F

ClientSampleId :

PMW-2

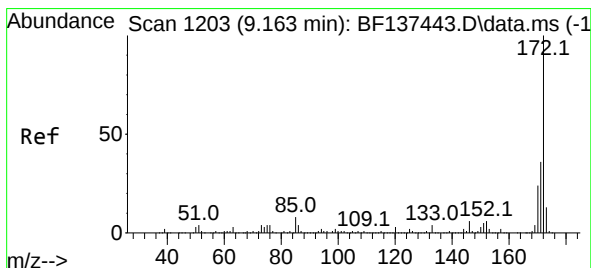
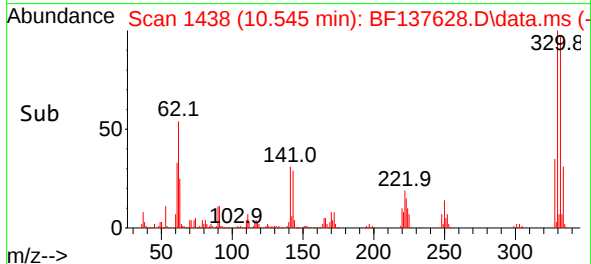
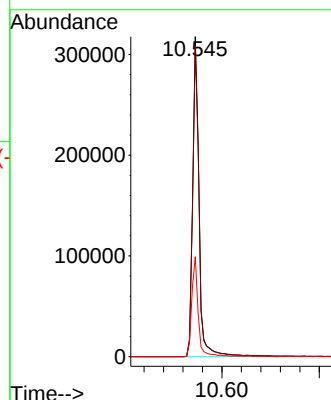
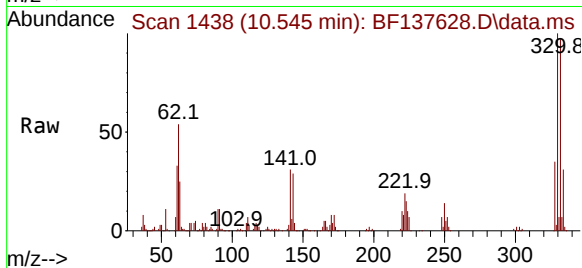
Tgt Ion:330 Resp: 289964

Ion Ratio Lower Upper

330 100

332 95.6 78.0 117.0

141 31.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 83.359 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137628.D

Acq: 18 Mar 2024 13:38

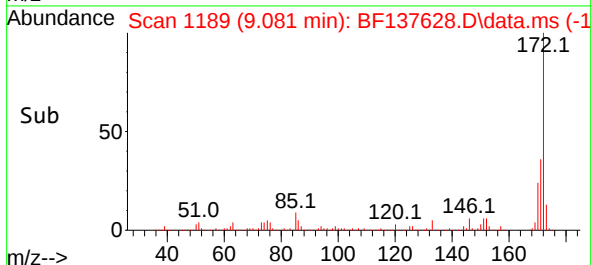
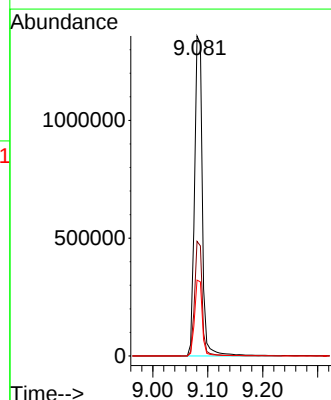
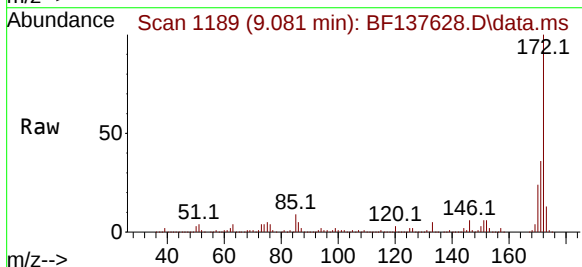
Tgt Ion:172 Resp: 1331791

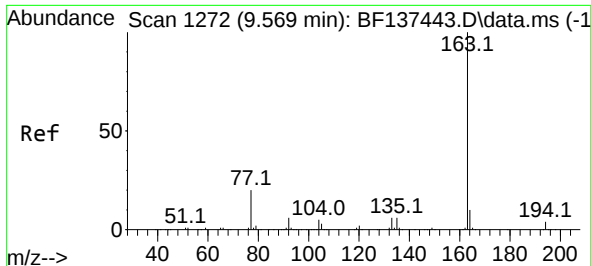
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.7 19.0 28.6

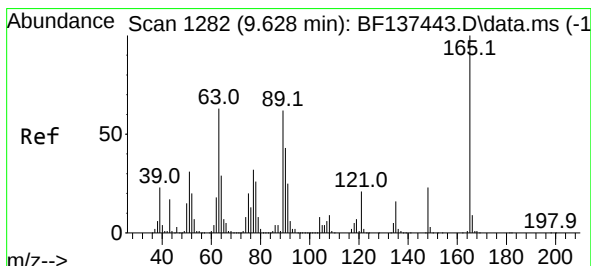
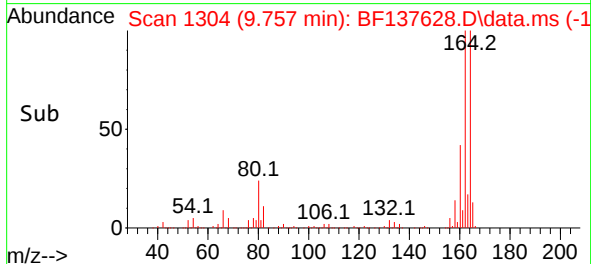
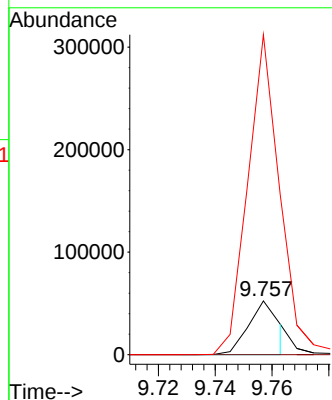
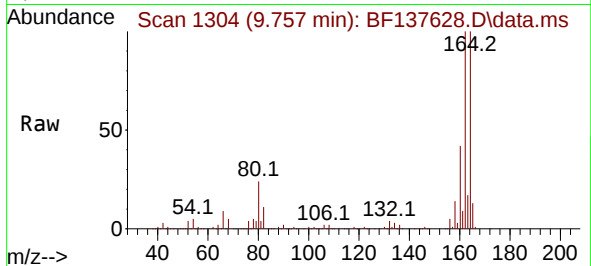




#50
Dimethylphthalate
Concen: 2.248 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

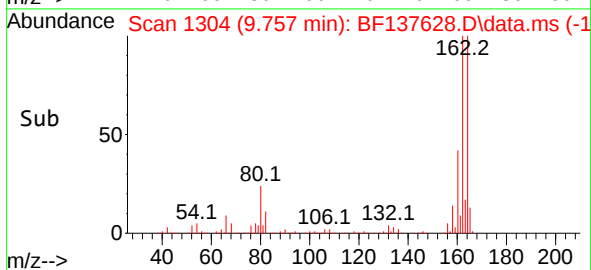
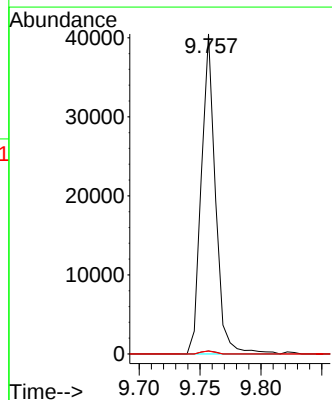
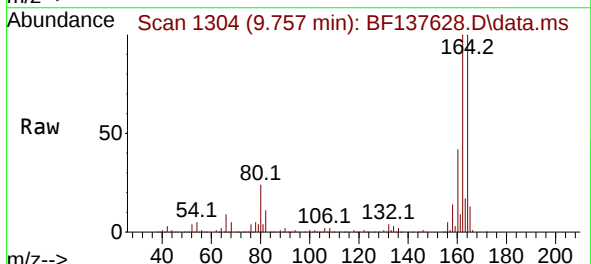
Instrument :
BNA_F
ClientSampleId :
PMW-2

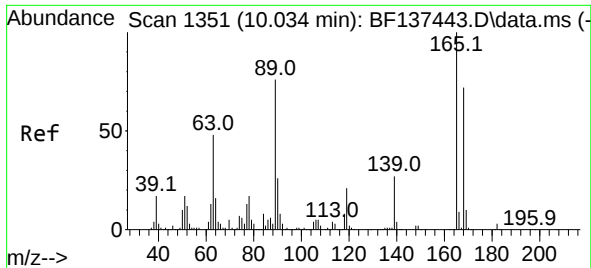
Tgt Ion:163 Resp: 39130
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 595.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.004 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

Tgt Ion:165 Resp: 32787
Ion Ratio Lower Upper
165 100
63 0.9 50.7 76.1#
89 0.9 50.0 75.0#

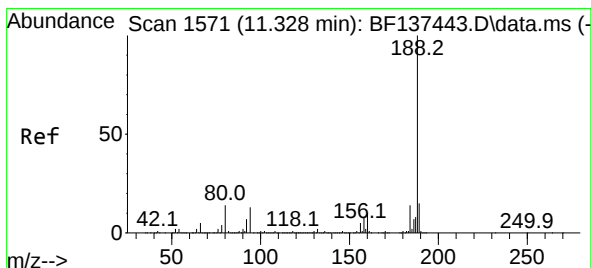
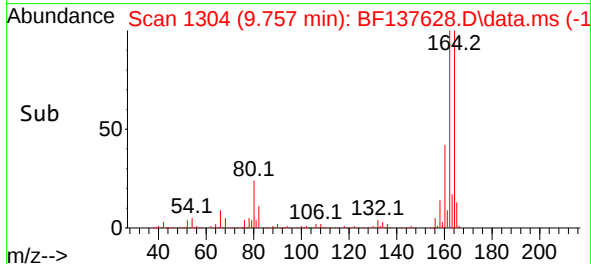
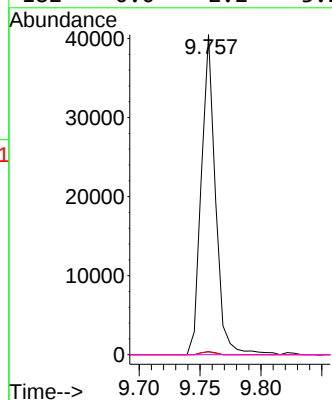
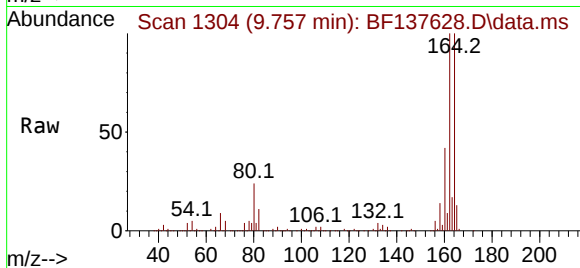




#57
2,4-Dinitrotoluene
Concen: 7.329 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

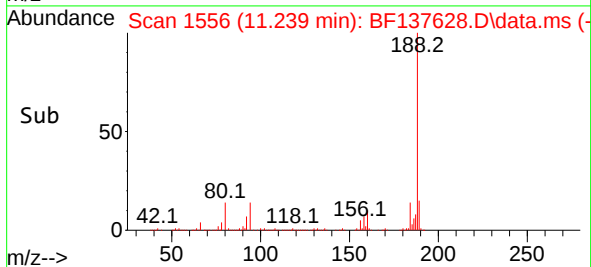
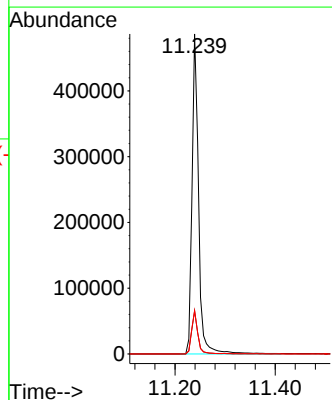
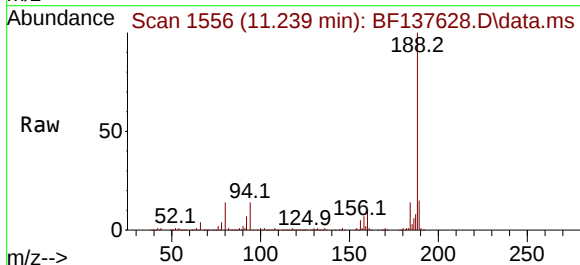
Instrument :
BNA_F
ClientSampleId :
PMW-2

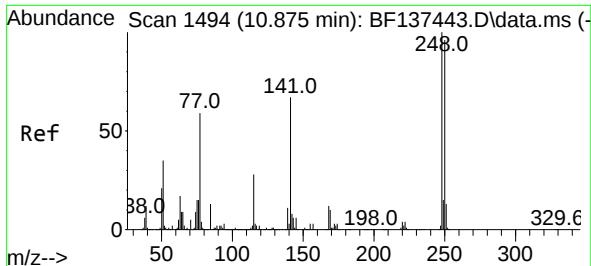
Tgt Ion:165 Resp: 32787
Ion Ratio Lower Upper
165 100
63 0.9 39.0 58.6#
89 0.9 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

Tgt Ion:188 Resp: 440023
Ion Ratio Lower Upper
188 100
94 13.5 10.6 15.8
80 13.5 11.5 17.3

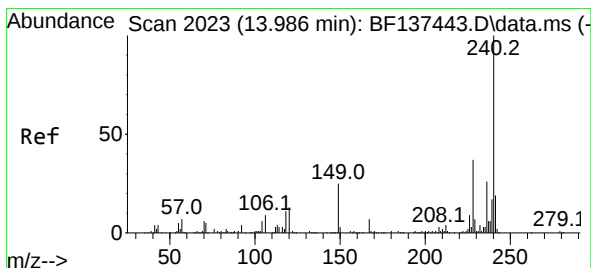
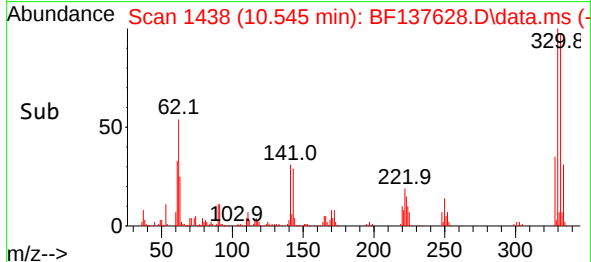
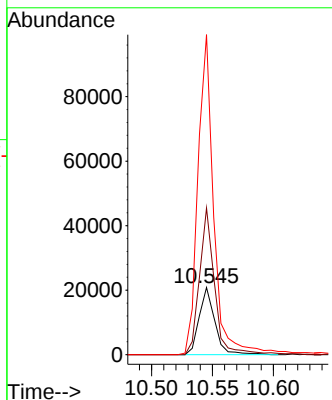
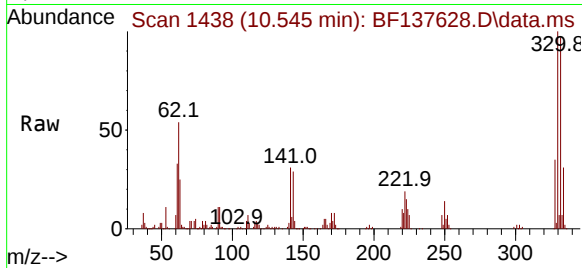




#67
4-Bromophenyl-phenylether
Concen: 3.916 ng
RT: 10.545 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

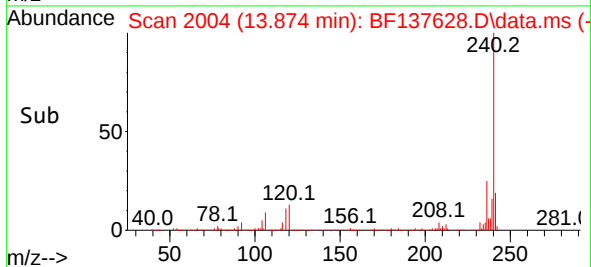
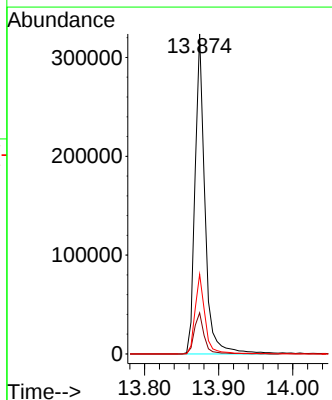
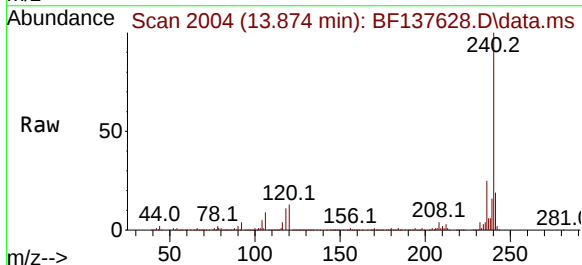
Instrument :
BNA_F
ClientSampleId :
PMW-2

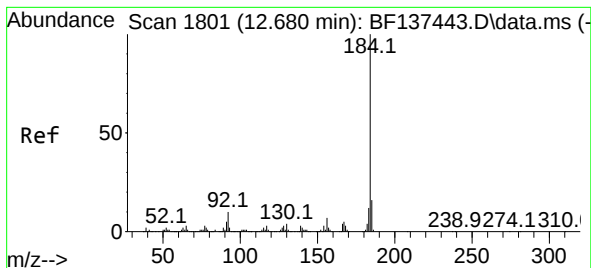
Tgt Ion:248 Resp: 18767
Ion Ratio Lower Upper
248 100
250 218.3 76.8 115.2#
141 476.3 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

Tgt Ion:240 Resp: 300619
Ion Ratio Lower Upper
240 100
120 12.8 10.4 15.6
236 24.9 20.9 31.3





#77

Benzidine

Concen: 2.560 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF137628.D

Acq: 18 Mar 2024 13:38

Instrument :

BNA_F

ClientSampleId :

PMW-2

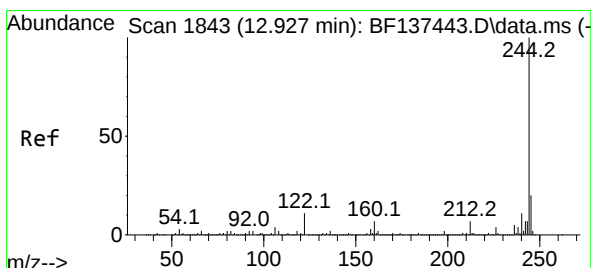
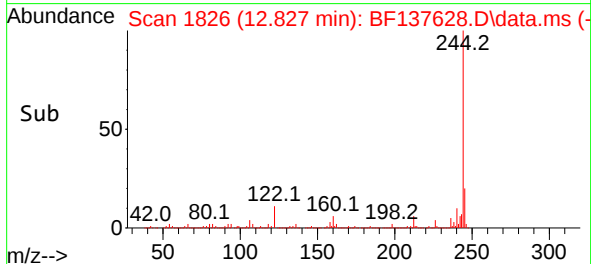
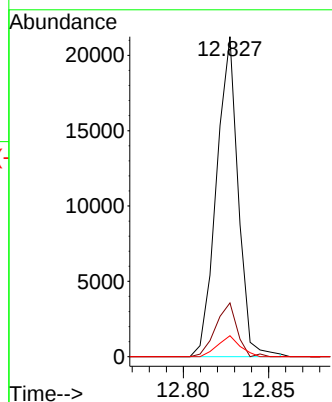
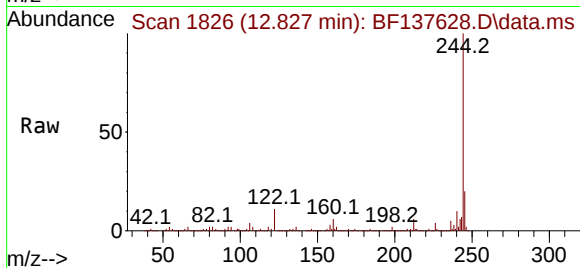
Tgt Ion:184 Resp: 18836

Ion Ratio Lower Upper

184 100

185 16.8 13.2 19.8

183 6.6 9.3 13.9#



#79

Terphenyl-d14

Concen: 74.725 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF137628.D

Acq: 18 Mar 2024 13:38

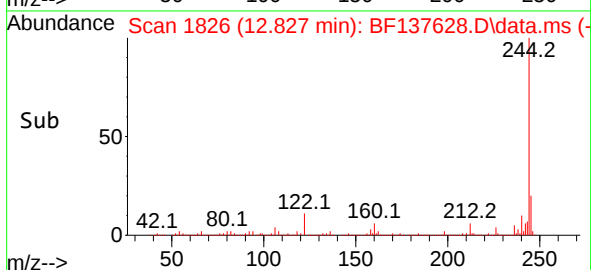
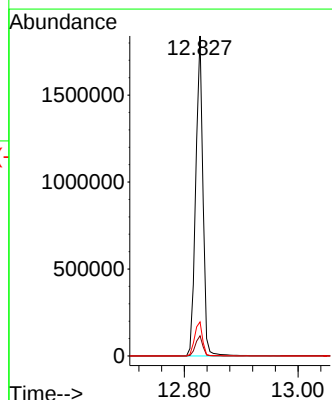
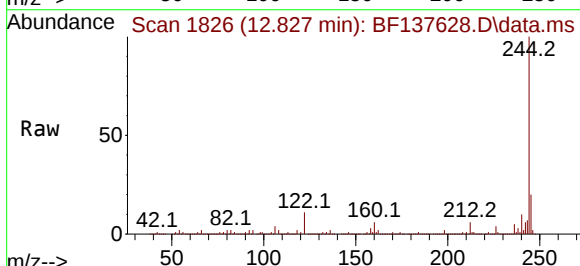
Tgt Ion:244 Resp: 1633597

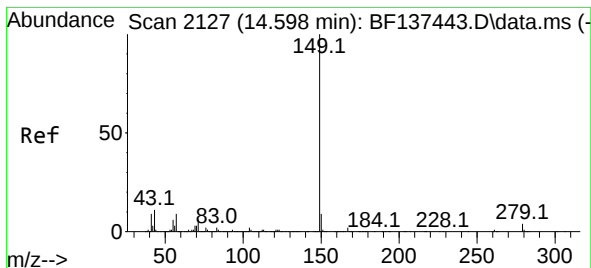
Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 10.6 9.1 13.7

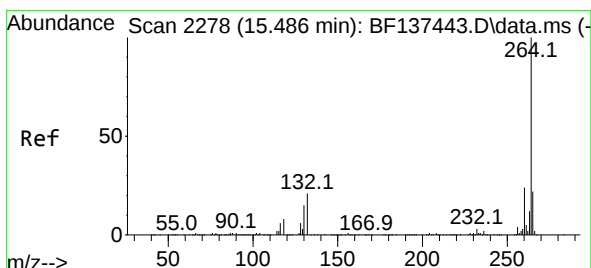
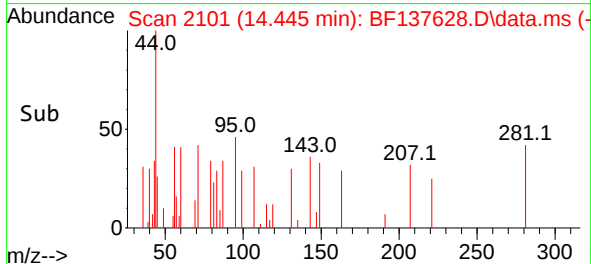
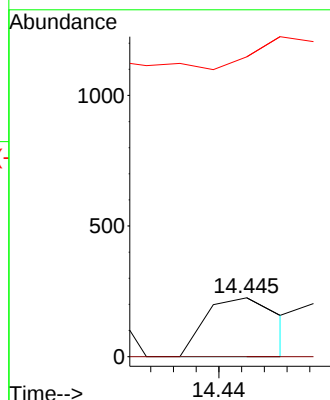
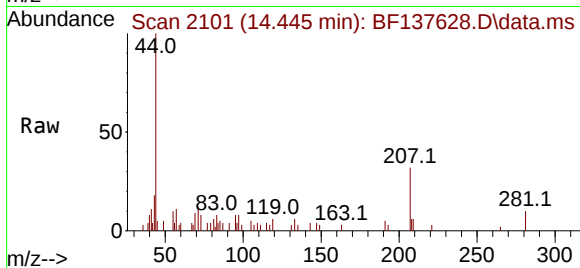




#85
Di-n-octyl phthalate
Concen: 5.617 ng
RT: 14.445 min Scan# 2127
Delta R.T. -0.029 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

Instrument :
BNA_F
ClientSampleId :
PMW-2

Tgt Ion:149 Resp: 205
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 213.7 9.6 14.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF137628.D
Acq: 18 Mar 2024 13:38

Tgt Ion:264 Resp: 251944
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 21.2 17.4 26.0

