

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137714.D
 Acq On : 24 Apr 2024 12:39
 Operator : CG\JU
 Sample : PB160276BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160276BL

Quant Time: Apr 24 13:19:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

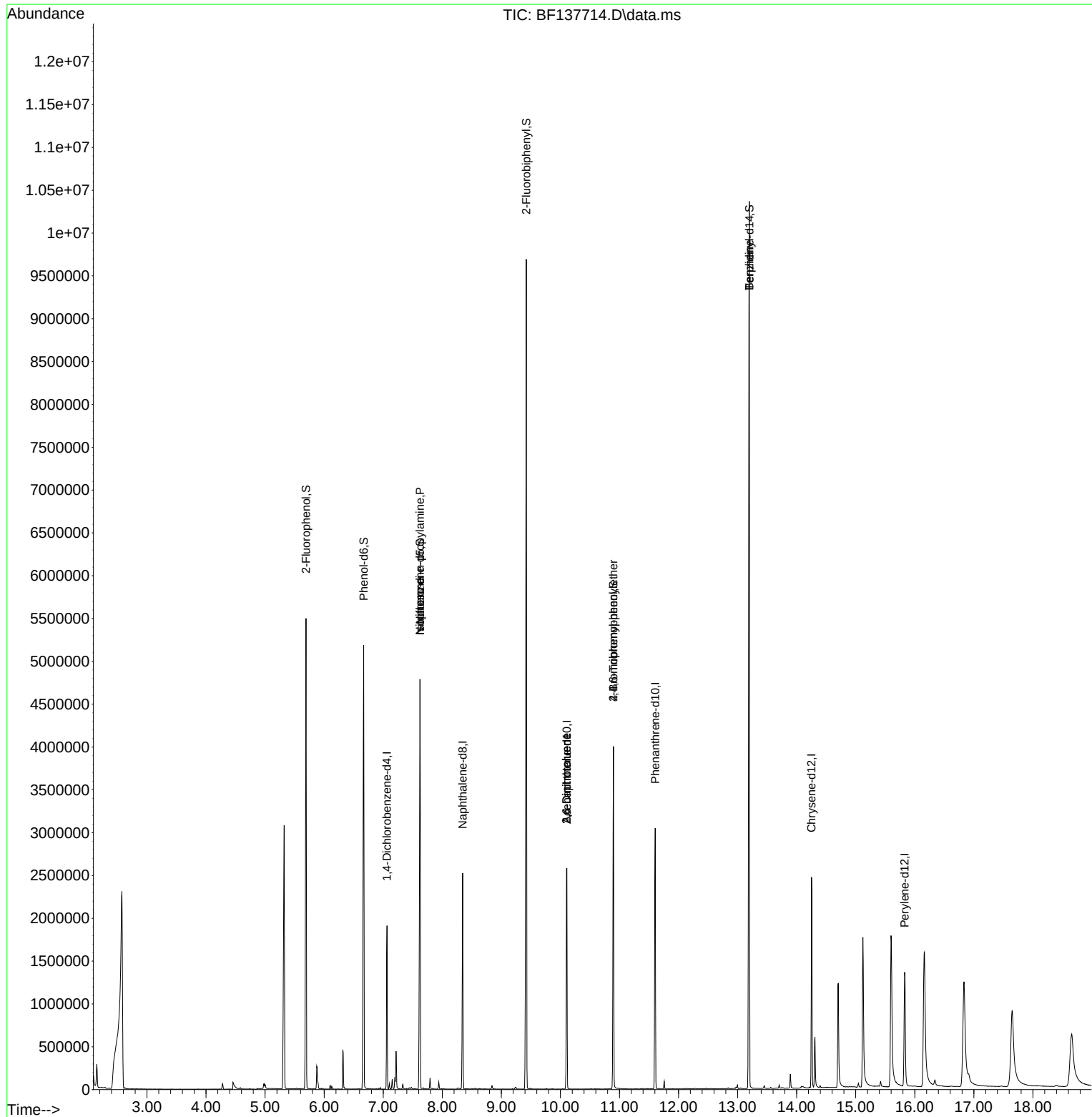
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	267520	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1061072	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	562293	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1047162	20.000	ng	0.00
76) Chrysene-d12	14.251	240	822524	20.000	ng	0.00
86) Perylene-d12	15.827	264	662980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1483427	84.232	ng	0.01
7) Phenol-d6	6.669	99	1867399	83.499	ng	0.00
23) Nitrobenzene-d5	7.622	82	1691200	84.607	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	466317	82.185	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3154117	83.816	ng	0.00
79) Terphenyl-d14	13.198	244	3863545	75.604	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.622	70	227981	15.765	ng	# 77
25) Isophorone	7.622	82	1688741	45.489	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	73659	8.924	ng	# 23
57) 2,4-Dinitrotoluene	10.104	165	73659	7.078	ng	# 25
67) 4-Bromophenyl-phenylether	10.898	248	31358	2.584	ng	# 1
77) Benzidine	13.198	184	49559	2.580	ng	# 94

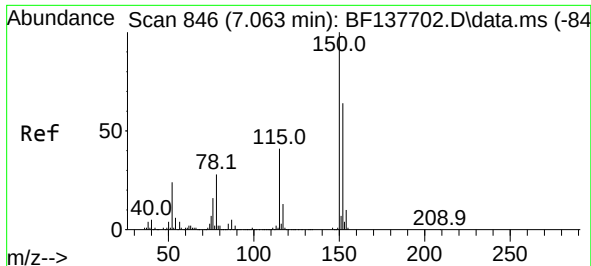
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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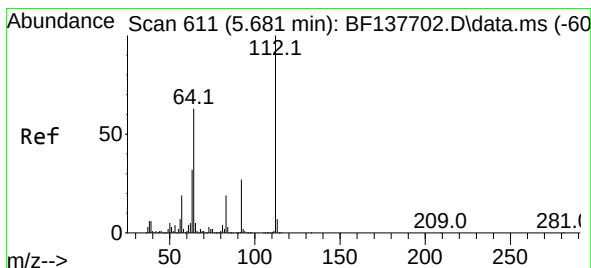
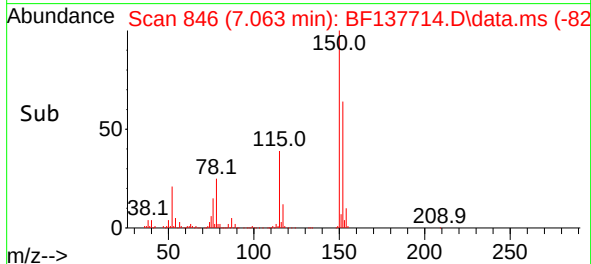
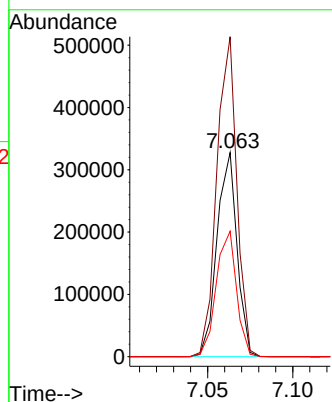
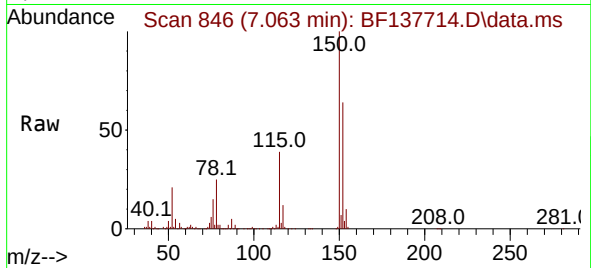




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

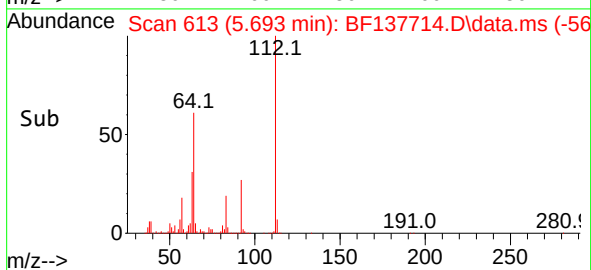
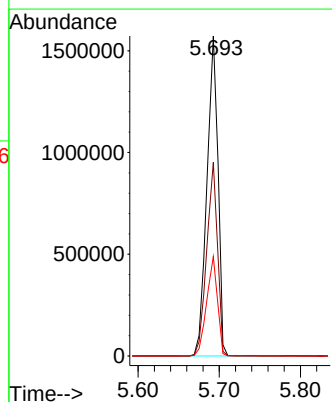
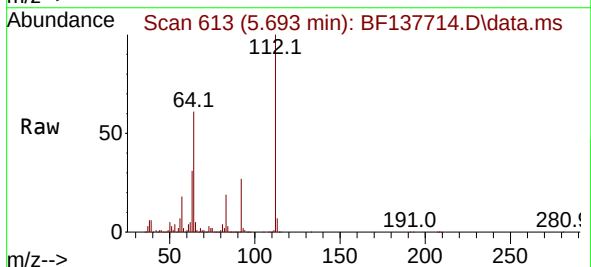
Instrument :
BNA_F
ClientSampleId :
PB160276BL

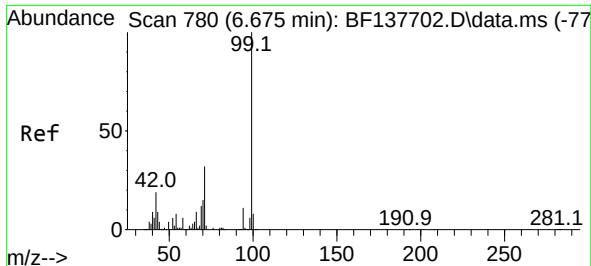
Tgt Ion:152 Resp: 267520
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.4
115 61.5 50.8 76.2



#5
2-Fluorophenol
Concen: 84.232 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.012 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

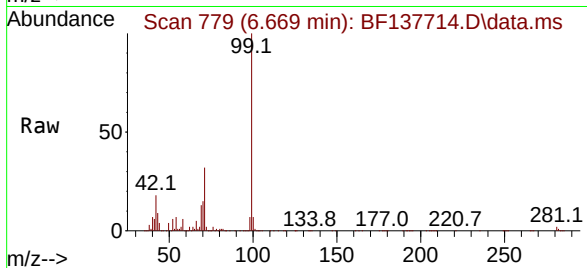
Tgt Ion:112 Resp: 1483427
Ion Ratio Lower Upper
112 100
64 60.5 50.1 75.1
63 31.0 25.2 37.8





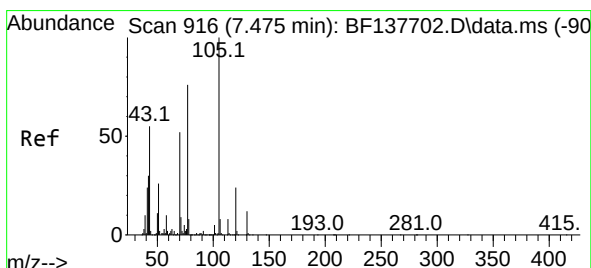
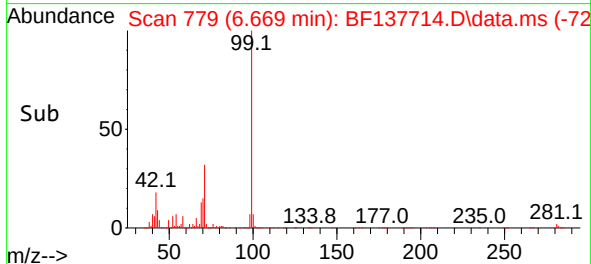
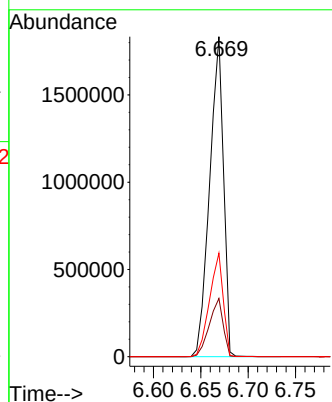
#7
Phenol-d6
Concen: 83.499 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB160276BL



Tgt Ion: 99 Resp: 1867399

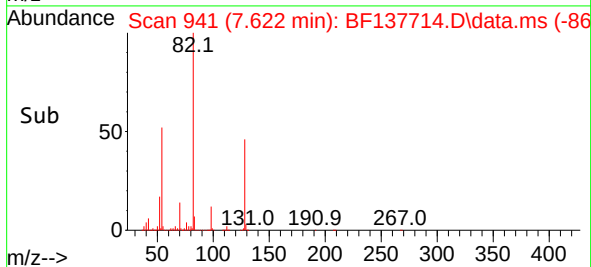
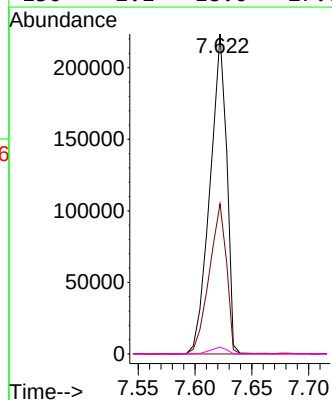
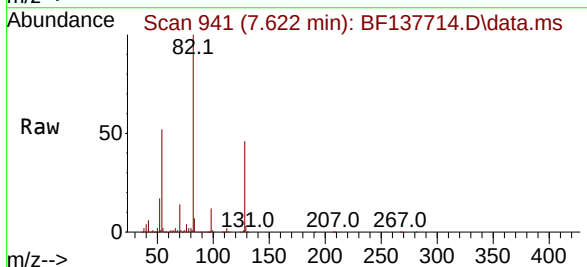
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.4
71	32.4	25.7	38.5

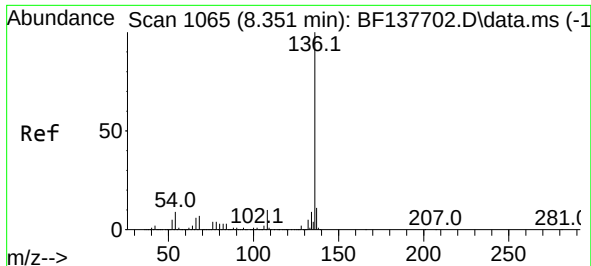


#19
n-Nitroso-di-n-propylamine
Concen: 15.765 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

Tgt Ion: 70 Resp: 227981

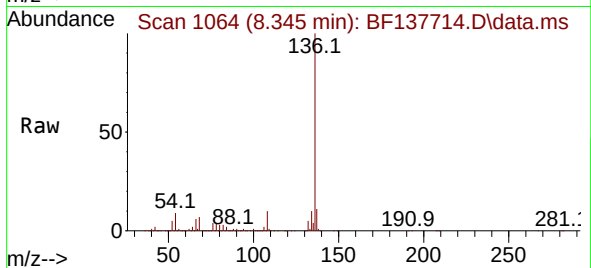
Ion	Ratio	Lower	Upper
70	100		
42	47.0	45.9	68.9
101	0.0	8.0	12.0#
130	2.1	18.0	27.0#





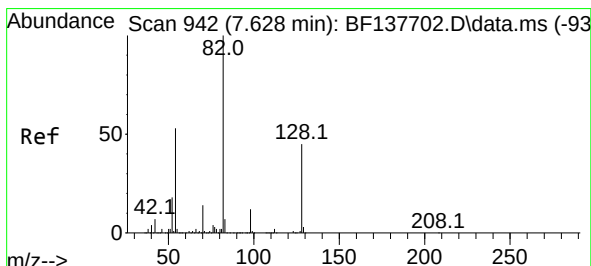
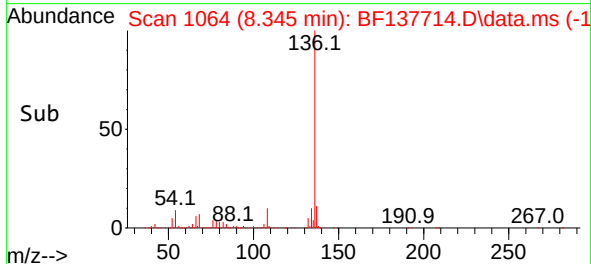
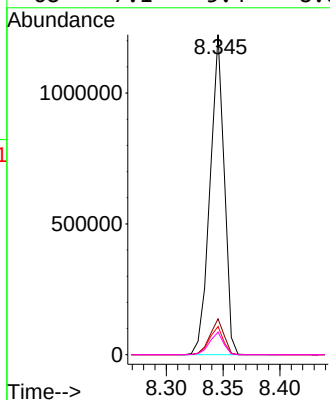
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB160276BL



Tgt Ion:136 Resp: 1061072

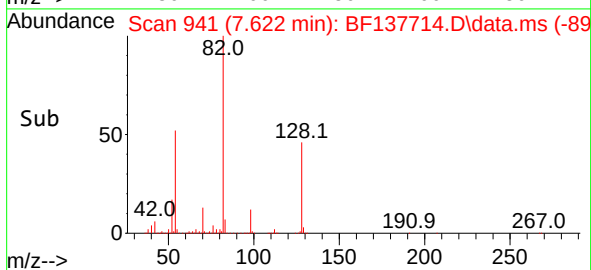
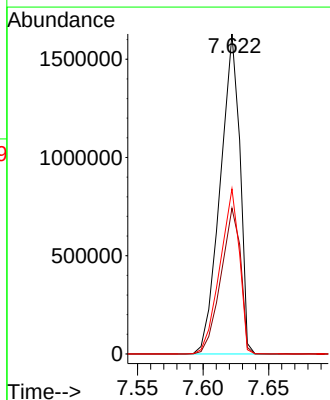
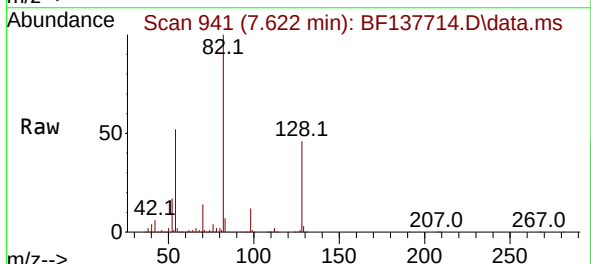
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.8	6.9	10.3
68	7.1	5.4	8.0

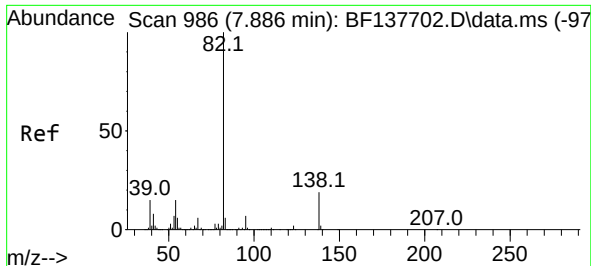


#23
Nitrobenzene-d5
Concen: 84.607 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

Tgt Ion: 82 Resp: 1691200

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.8	53.6
54	51.6	42.5	63.7

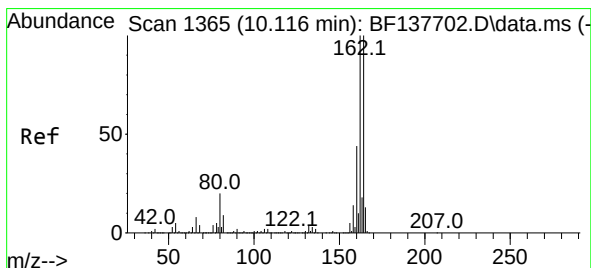
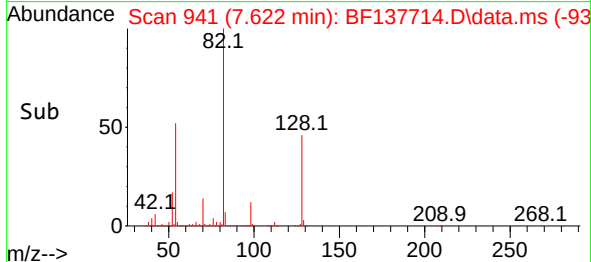
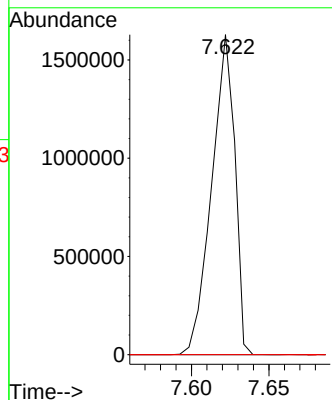
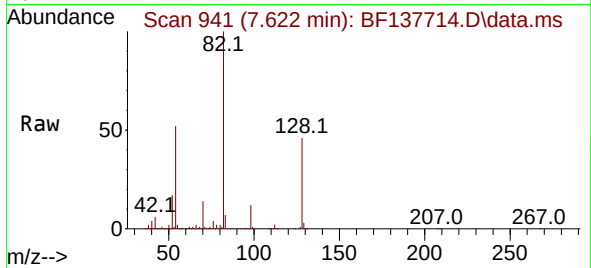




#25
Isophorone
Concen: 45.489 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

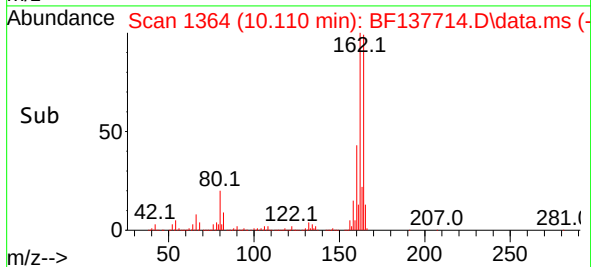
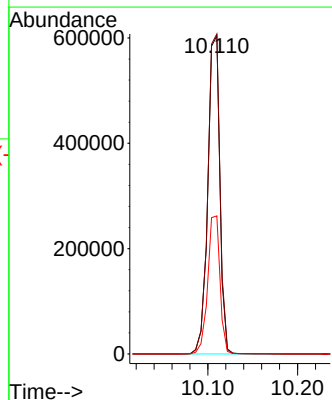
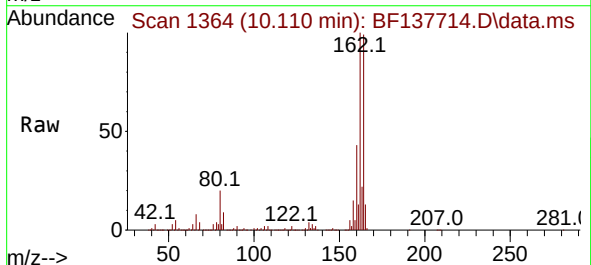
Instrument :
BNA_F
ClientSampleId :
PB160276BL

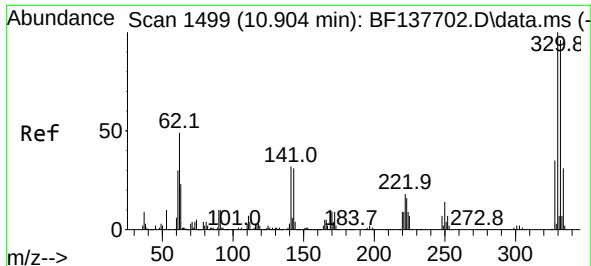
Tgt Ion: 82 Resp: 1688741
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

Tgt Ion:164 Resp: 562293
Ion Ratio Lower Upper
164 100
162 100.6 80.3 120.5
160 43.4 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 82.185 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF137714.D

Acq: 24 Apr 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB160276BL

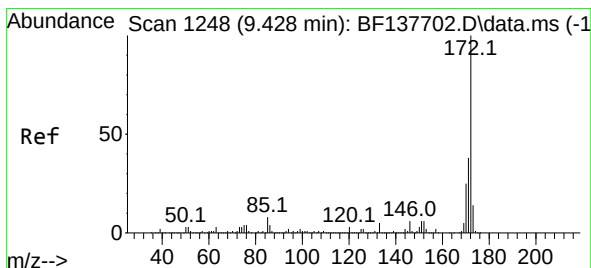
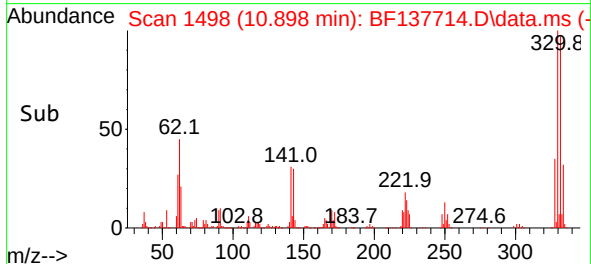
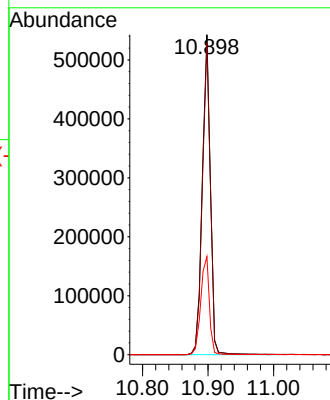
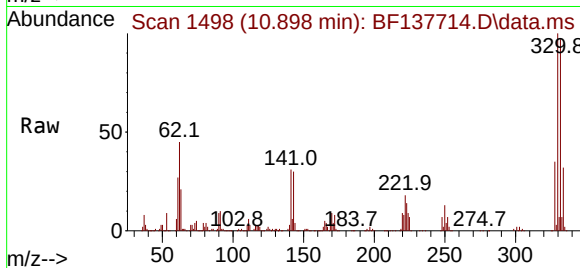
Tgt Ion:330 Resp: 466317

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 32.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 83.816 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137714.D

Acq: 24 Apr 2024 12:39

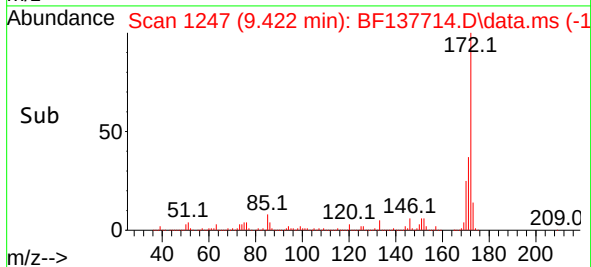
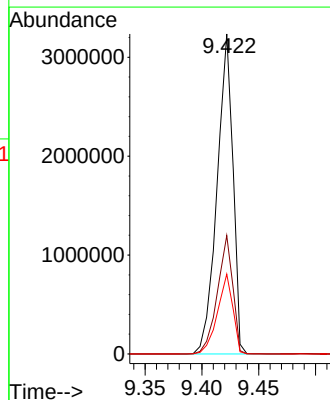
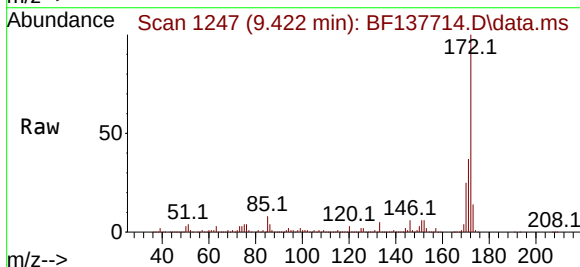
Tgt Ion:172 Resp: 3154117

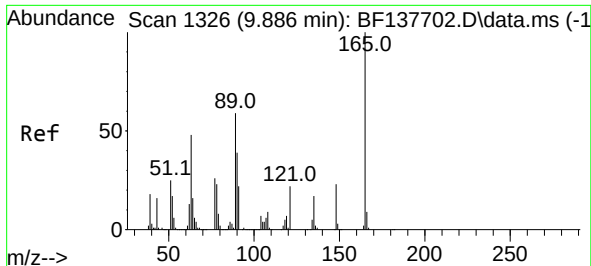
Ion Ratio Lower Upper

172 100

171 37.0 30.2 45.4

170 25.0 20.2 30.4

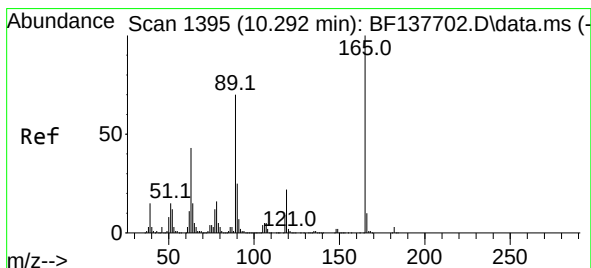
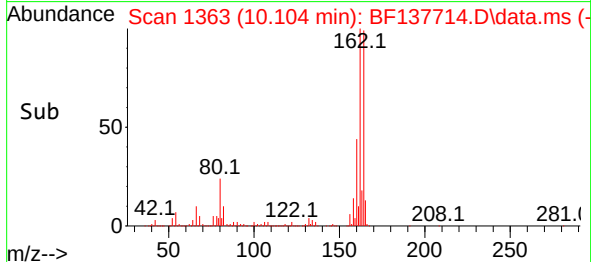
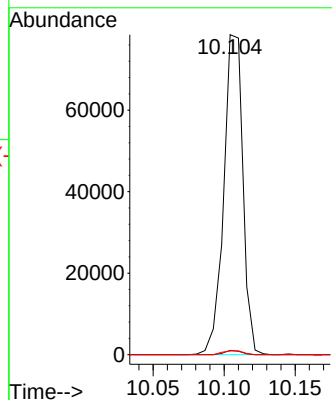
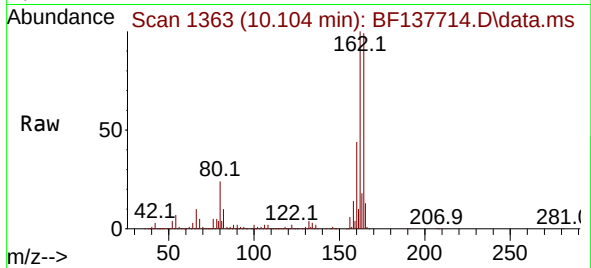




#51
2,6-Dinitrotoluene
Concen: 8.924 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.218 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

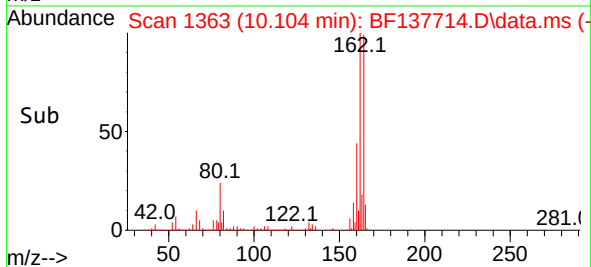
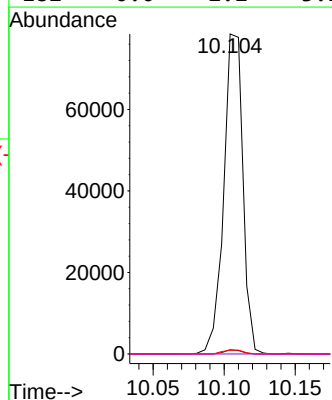
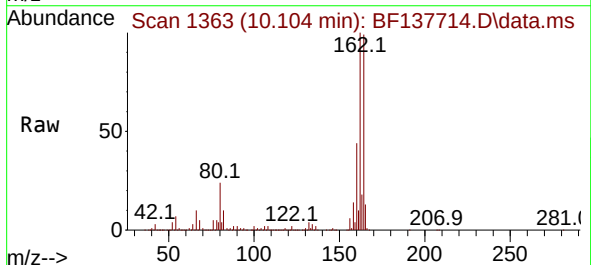
Instrument :
BNA_F
ClientSampleId :
PB160276BL

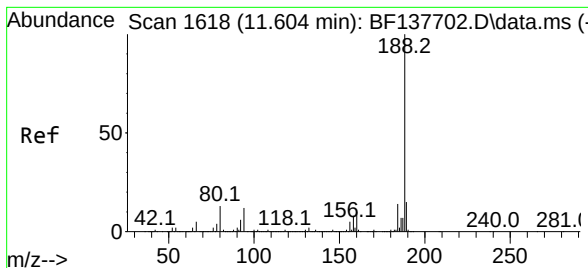
Tgt Ion:165 Resp: 73659
Ion Ratio Lower Upper
165 100
63 1.4 47.7 71.5#
89 1.1 47.3 70.9#



#57
2,4-Dinitrotoluene
Concen: 7.078 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.188 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

Tgt Ion:165 Resp: 73659
Ion Ratio Lower Upper
165 100
63 1.4 34.1 51.1#
89 1.1 56.4 84.6#
182 0.0 2.2 3.2#

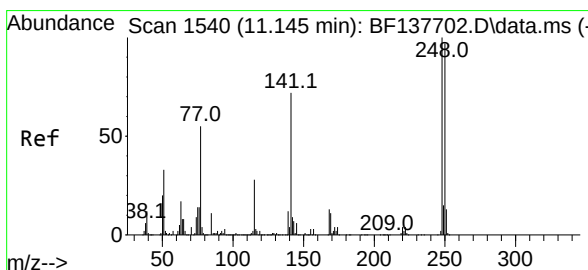
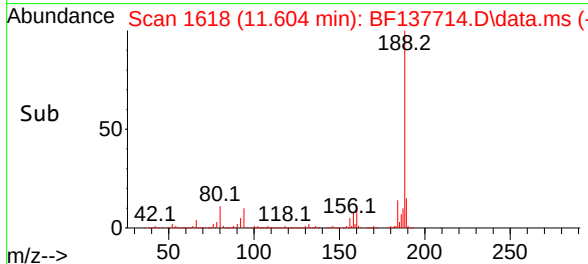
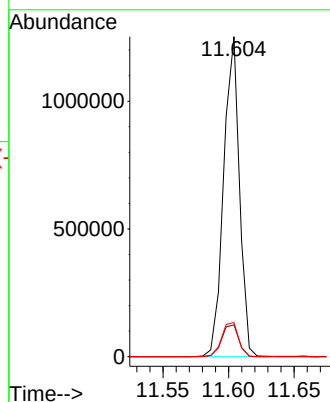
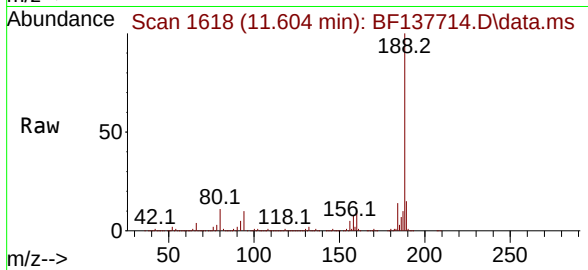




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

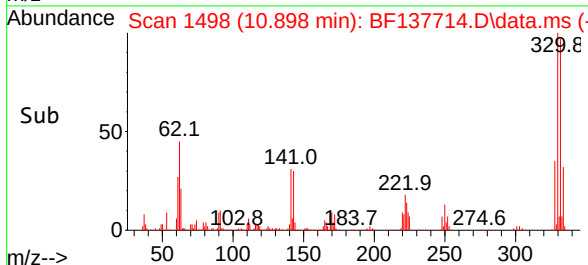
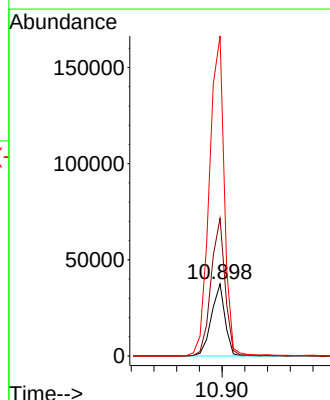
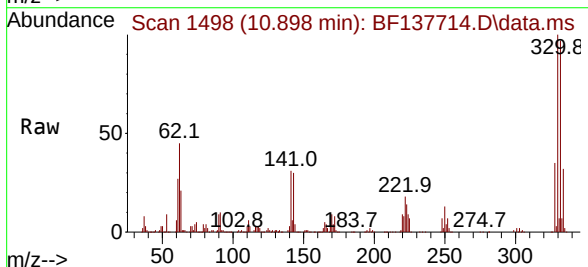
Instrument :
BNA_F
ClientSampleId :
PB160276BL

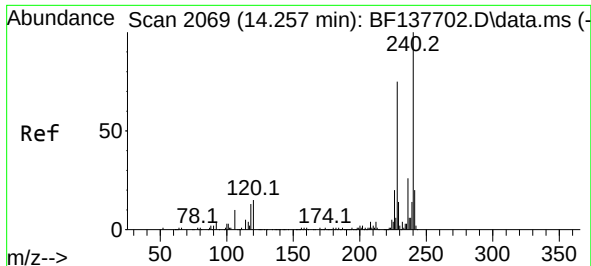
Tgt Ion:188 Resp: 1047162
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 10.7 10.2 15.4



#67
4-Bromophenyl-phenylether
Concen: 2.584 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.247 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

Tgt Ion:248 Resp: 31358
Ion Ratio Lower Upper
248 100
250 191.0 77.4 116.0#
141 444.1 57.9 86.9#

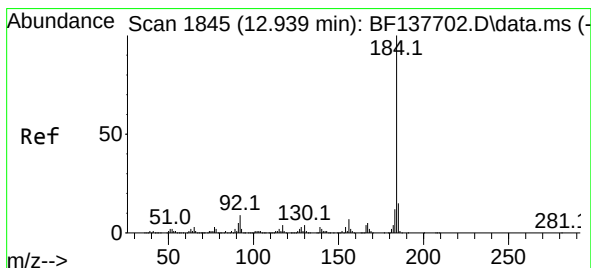
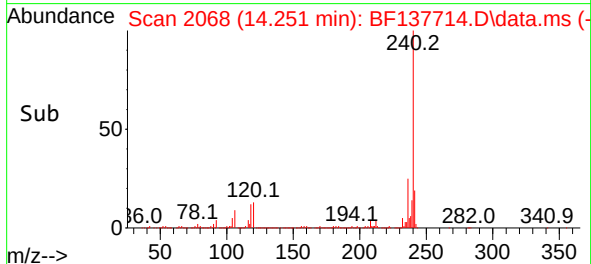
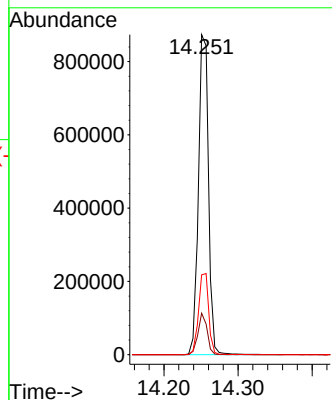
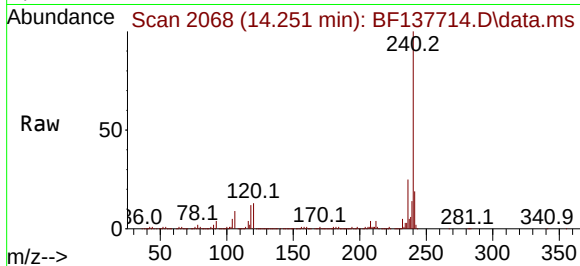




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

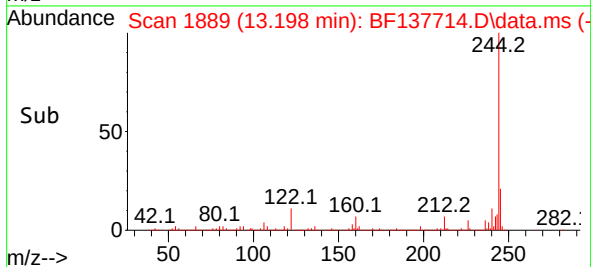
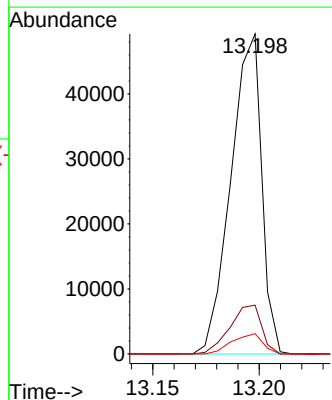
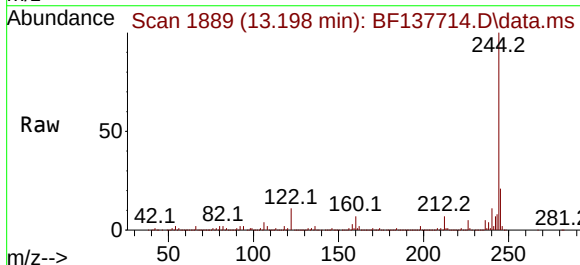
Instrument :
BNA_F
ClientSampleId :
PB160276BL

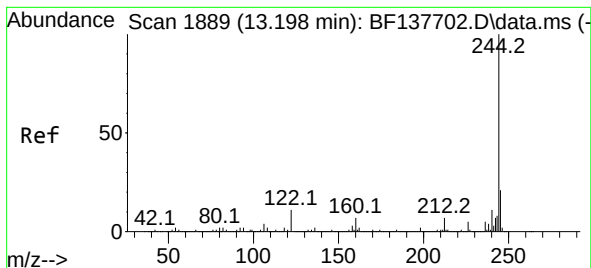
Tgt Ion:240 Resp: 822524
Ion Ratio Lower Upper
240 100
120 13.0 11.9 17.9
236 24.9 20.8 31.2



#77
Benzidine
Concen: 2.580 ng
RT: 13.198 min Scan# 1889
Delta R.T. 0.259 min
Lab File: BF137714.D
Acq: 24 Apr 2024 12:39

Tgt Ion:184 Resp: 49559
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.4
183 6.3 9.4 14.0#





#79

Terphenyl-d14

Concen: 75.604 ng

RT: 13.198 min Scan# 1889

Delta R.T. 0.000 min

Lab File: BF137714.D

Acq: 24 Apr 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB160276BL

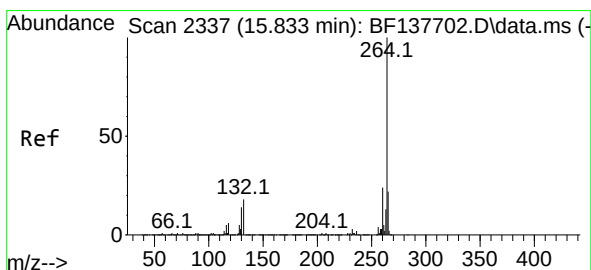
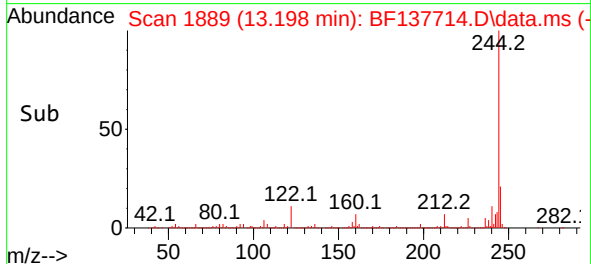
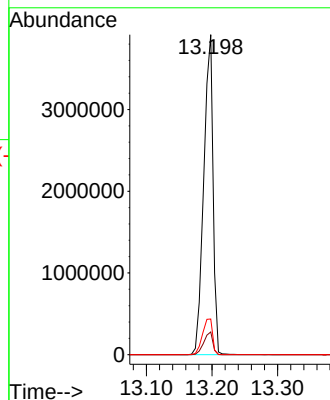
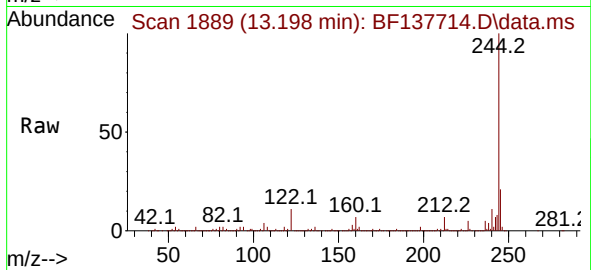
Tgt Ion:244 Resp: 3863545

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.1 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2336

Delta R.T. -0.006 min

Lab File: BF137714.D

Acq: 24 Apr 2024 12:39

Tgt Ion:264 Resp: 662980

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 22.1 17.5 26.3

