

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011924\
 Data File : BF137116.D
 Acq On : 19 Jan 2024 17:24
 Operator : CG\JU
 Sample : PB158464TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158464TB

Quant Time: Jan 20 01:16:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 20 00:58:12 2024
 Response via : Initial Calibration

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

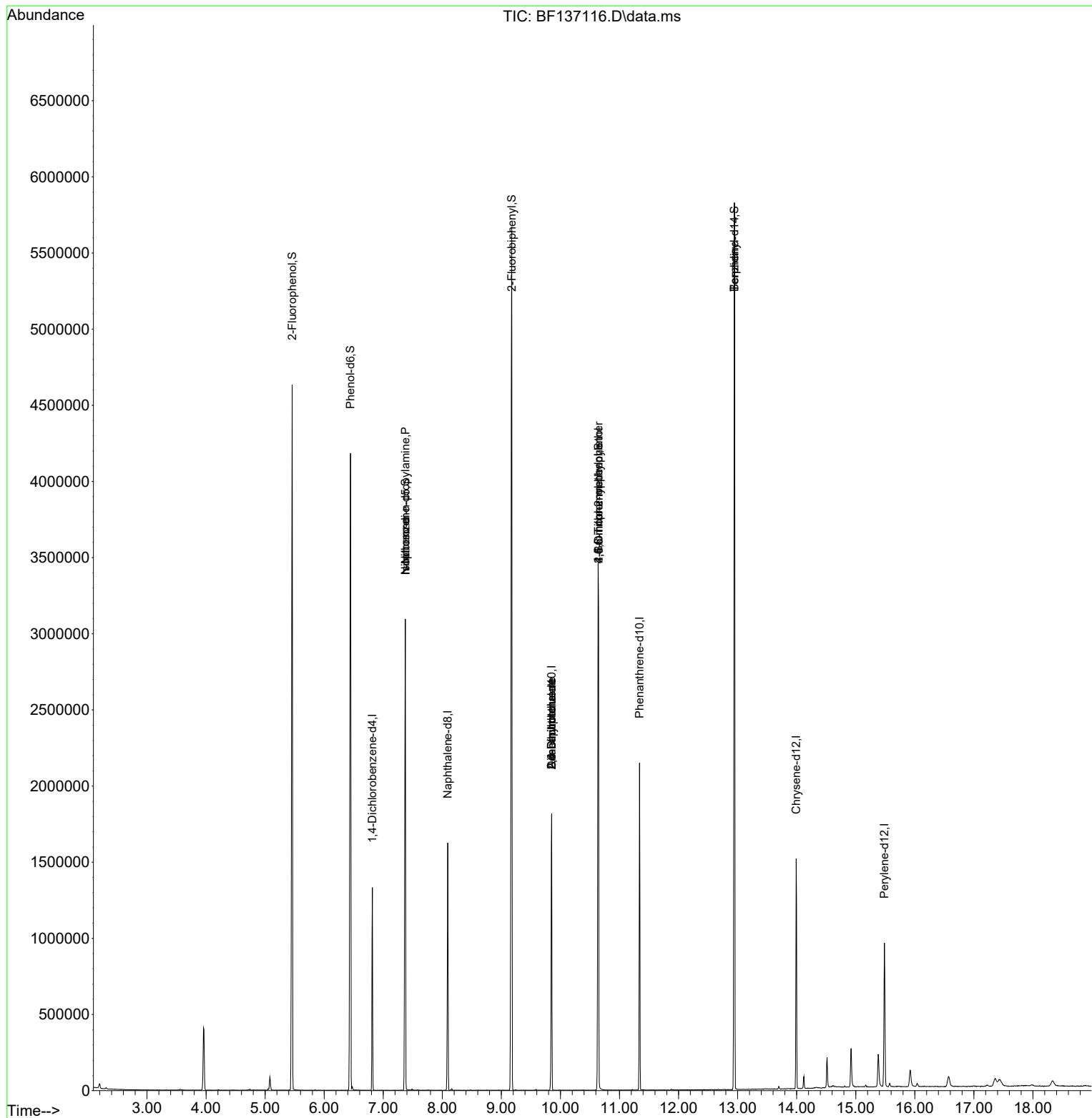
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	175990	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	712071	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	366798	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	698155	20.000	ng	0.00
76) Chrysene-d12	13.992	240	479323	20.000	ng	0.00
86) Perylene-d12	15.486	264	409110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1328413	110.621	ng	0.01
7) Phenol-d6	6.445	99	1660317	110.132	ng	0.00
23) Nitrobenzene-d5	7.375	82	1053686	84.677	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	441977	124.450	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1916259	78.411	ng	0.00
79) Terphenyl-d14	12.945	244	2252671	67.178	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	143703	15.479	ng	# 79
25) Isophorone	7.375	82	1052932	41.106	ng	# 65
50) Dimethylphthalate	9.851	163	77302	3.012	ng	# 1
51) 2,6-Dinitrotoluene	9.851	165	46665	9.122	ng	# 21
57) 2,4-Dinitrotoluene	9.851	165	46665	7.628	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.645	198	1176	7.625	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	28141	3.730	ng	# 1
77) Benzidine	12.945	184	32066	6.627	ng	# 94

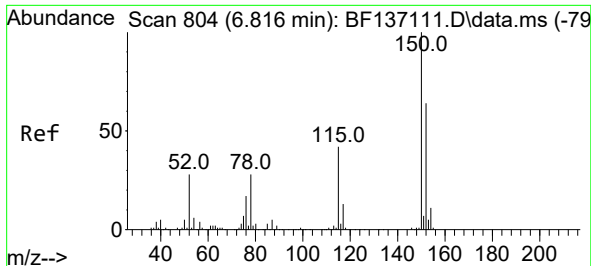
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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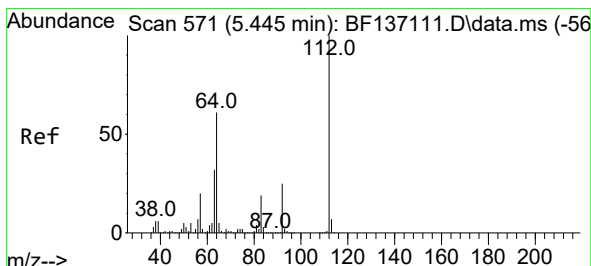
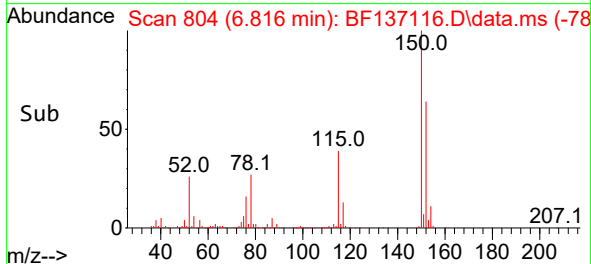
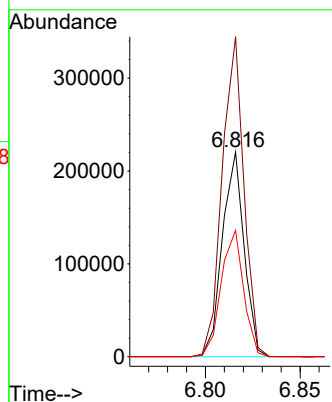
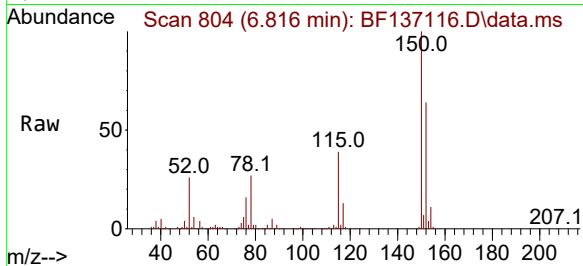




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

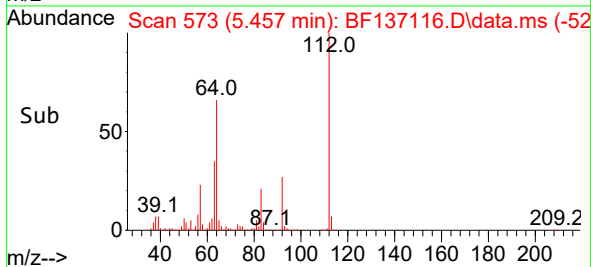
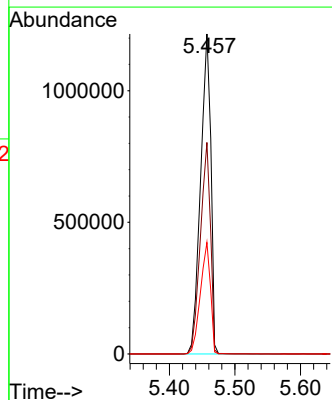
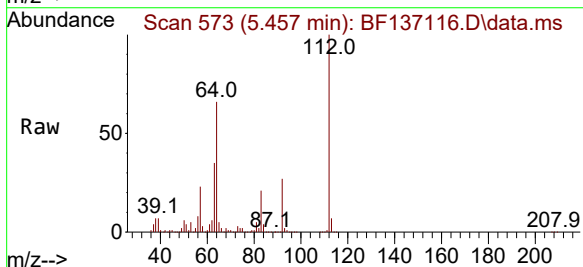
Instrument :
BNA_F
ClientSampleId :
PB158464TB

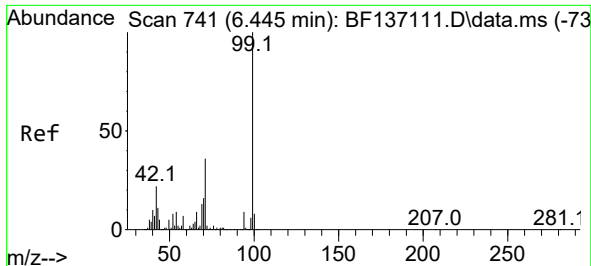
Tgt Ion:152 Resp: 175990
Ion Ratio Lower Upper
152 100
150 156.4 125.1 187.7
115 61.8 52.3 78.5



#5
2-Fluorophenol
Concen: 110.621 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

Tgt Ion:112 Resp: 1328413
Ion Ratio Lower Upper
112 100
64 66.1 48.6 73.0
63 34.9 25.5 38.3



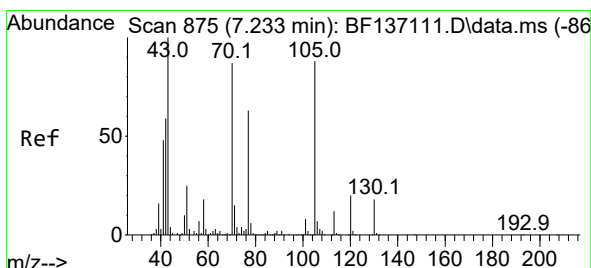
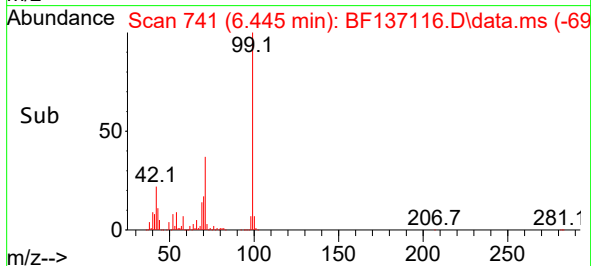
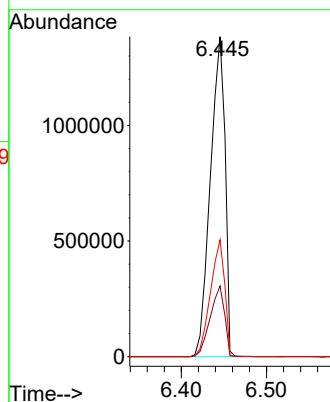
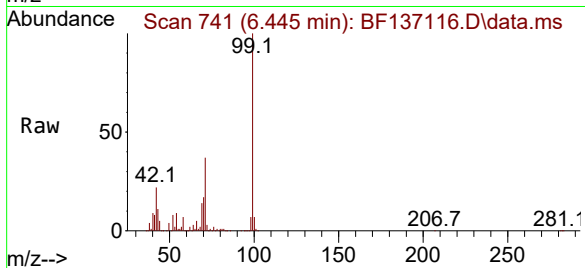


#7
Phenol-d6
Concen: 110.132 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

Instrument :
BNA_F
ClientSampleId :
PB158464TB

Tgt Ion: 99 Resp: 1660317

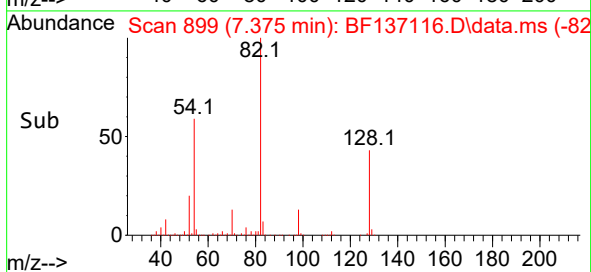
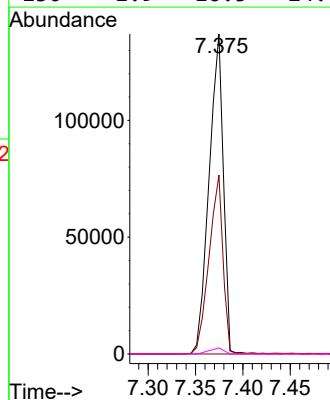
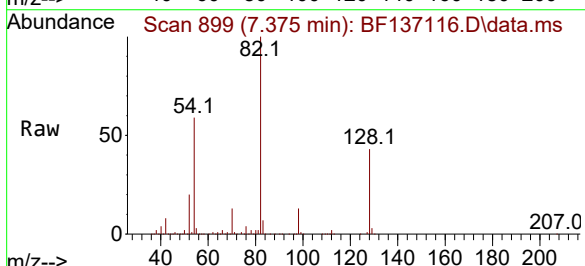
Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.5	26.3
71	36.6	28.6	42.8

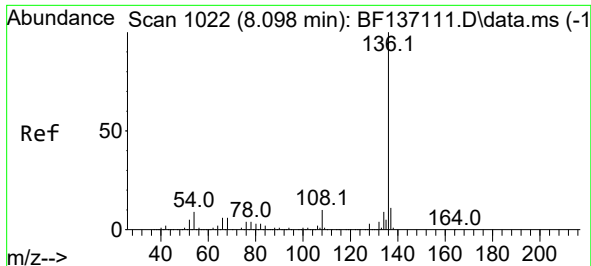


#19
n-Nitroso-di-n-propylamine
Concen: 15.479 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.141 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

Tgt Ion: 70 Resp: 143703

Ion	Ratio	Lower	Upper
70	100		
42	55.9	54.2	81.4
101	0.0	7.6	11.4#
130	1.9	16.5	24.7#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

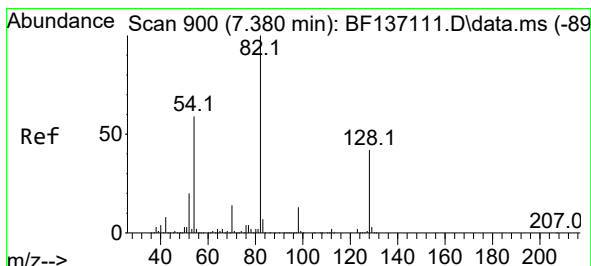
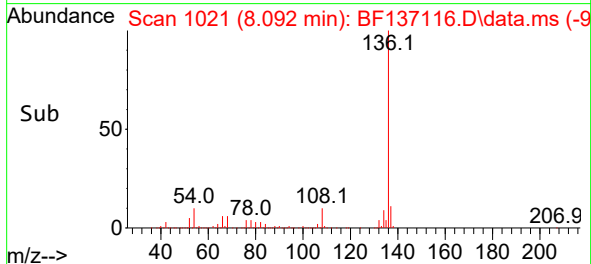
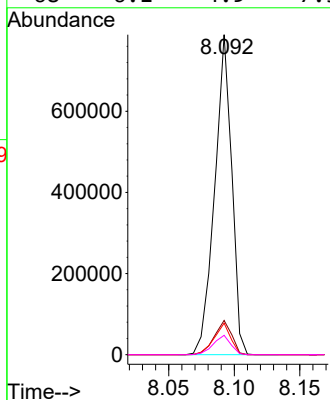
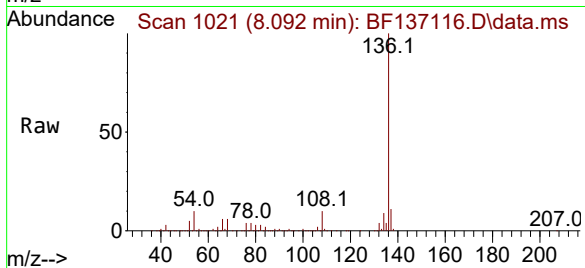
Instrument :

BNA_F

ClientSampleId :

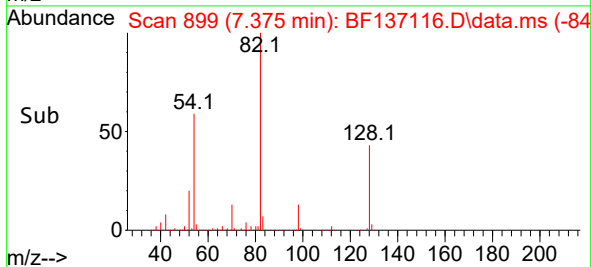
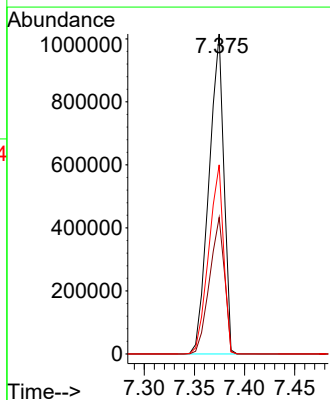
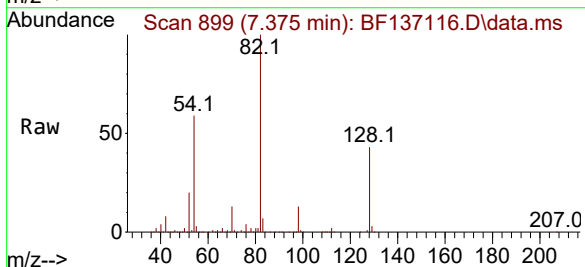
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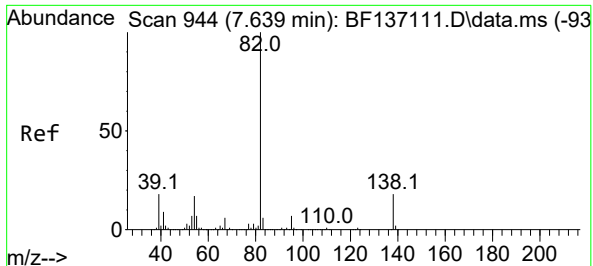
Tgt Ion:136 Resp: 712071
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.9 7.4 11.2
68 6.1 4.9 7.3



#23
Nitrobenzene-d5
Concen: 84.677 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

Tgt Ion: 82 Resp: 1053686
Ion Ratio Lower Upper
82 100
128 42.6 33.8 50.8
54 59.1 47.4 71.0

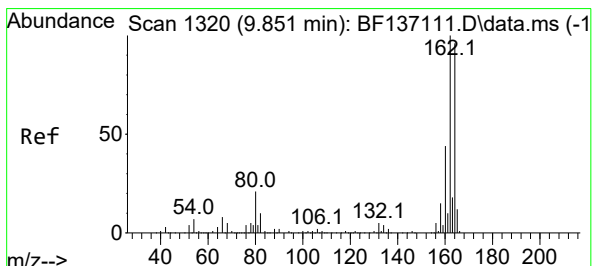
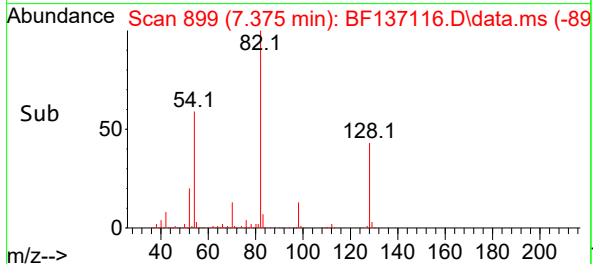
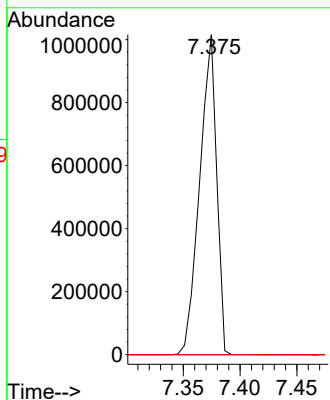
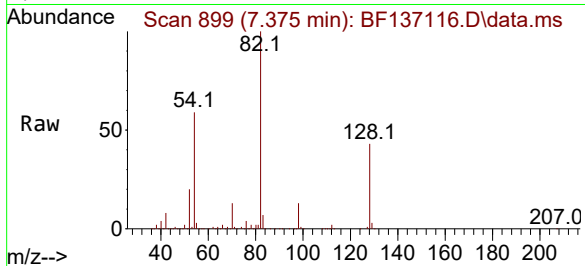




#25
Isophorone
Concen: 41.106 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

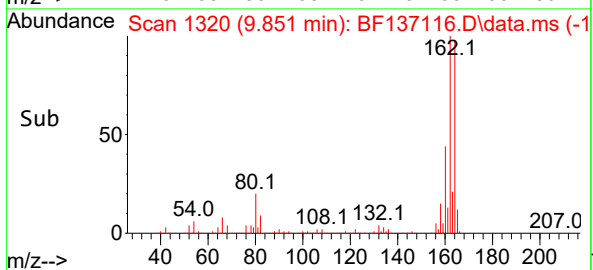
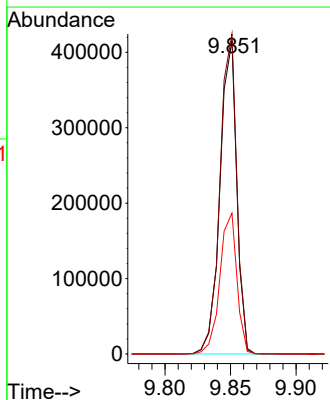
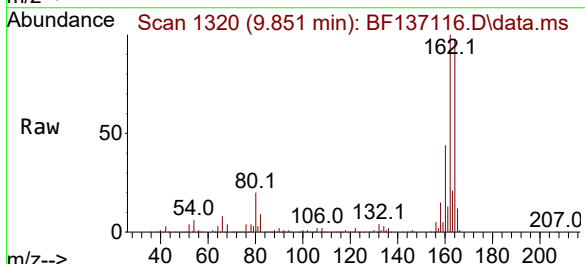
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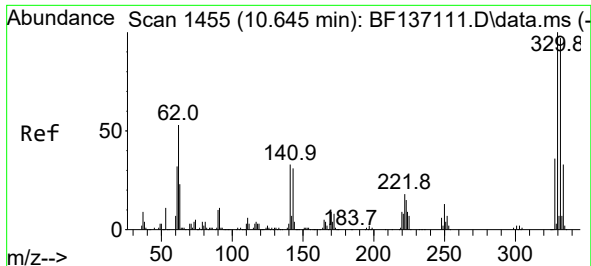
Tgt Ion: 82 Resp: 1052932
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 14.3 21.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

Tgt Ion: 164 Resp: 366798
Ion Ratio Lower Upper
164 100
162 102.1 83.1 124.7
160 44.9 36.7 55.1

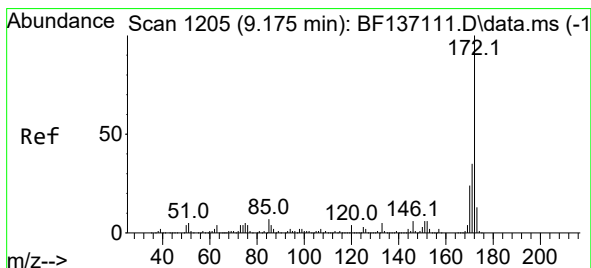
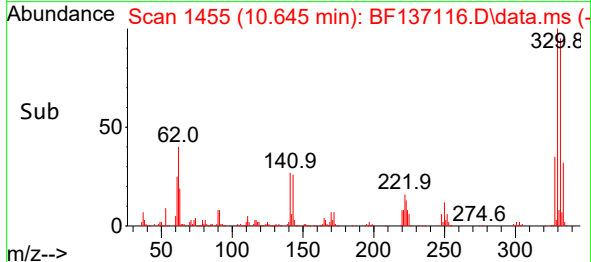
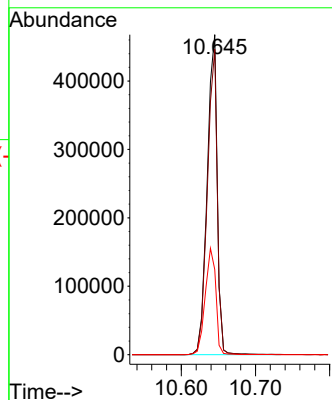
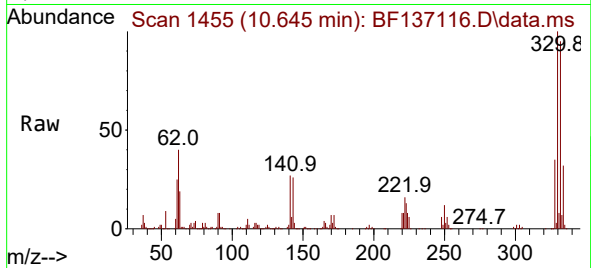




#42
2,4,6-Tribromophenol
Concen: 124.450 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

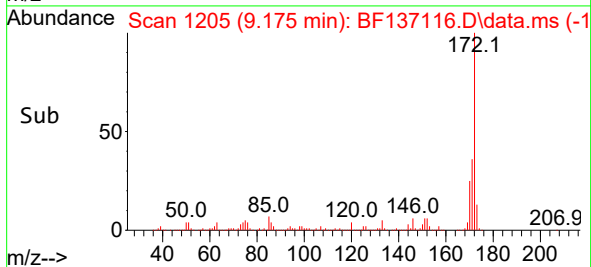
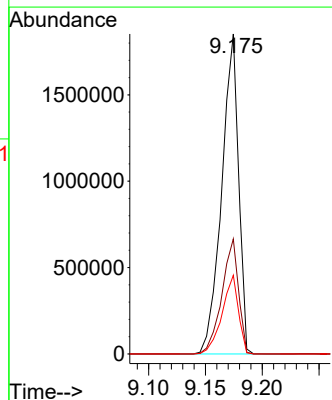
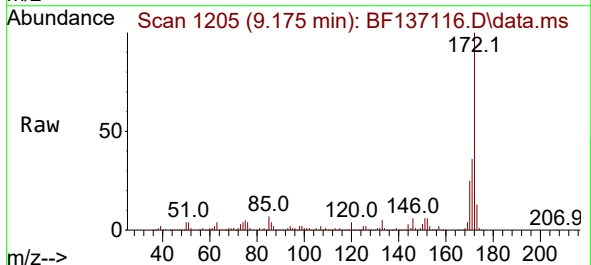
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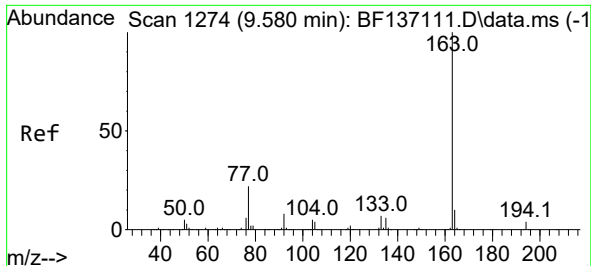
Tgt Ion:330 Resp: 441977
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 35.2 30.2 45.4



#45
2-Fluorobiphenyl
Concen: 78.411 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

Tgt Ion:172 Resp: 1916259
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 24.6 19.0 28.6

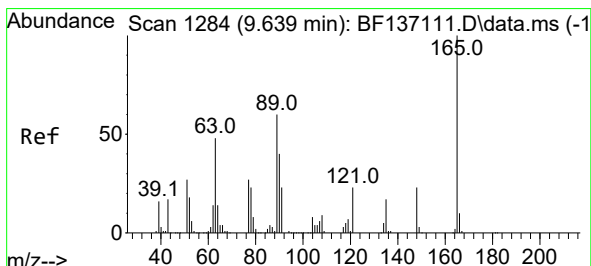
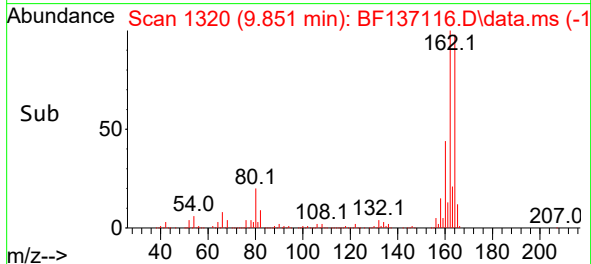
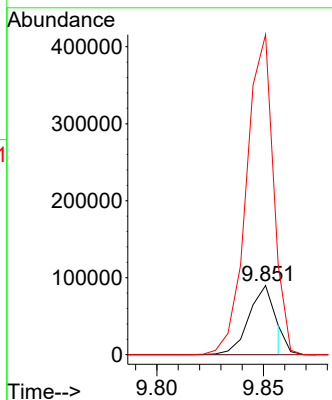
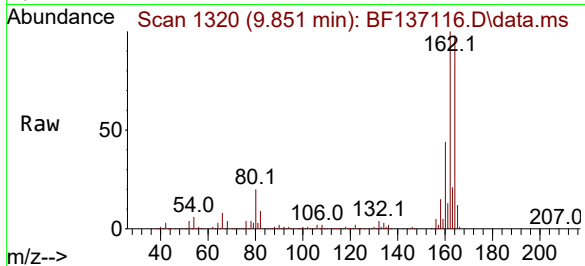




#50
Dimethylphthalate
Concen: 3.012 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

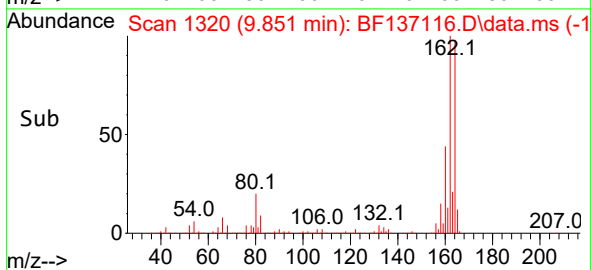
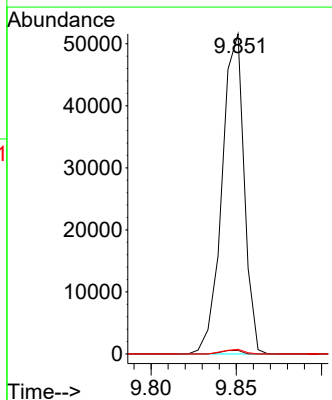
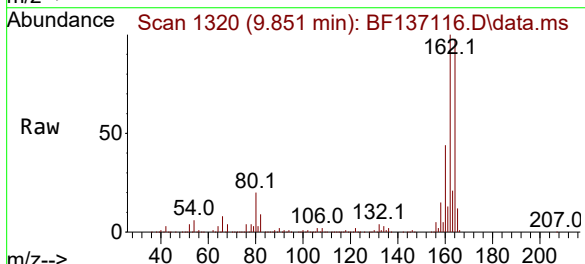
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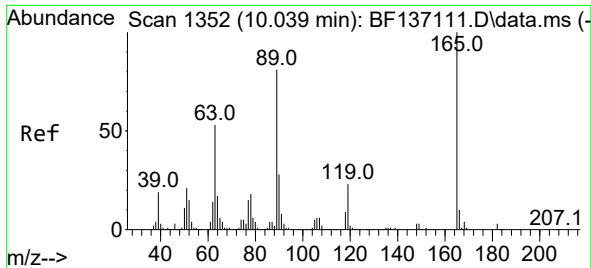
Tgt Ion:163 Resp: 77302
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 462.4 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 9.122 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

Tgt Ion:165 Resp: 46665
Ion Ratio Lower Upper
165 100
63 1.1 50.8 76.2#
89 1.5 48.1 72.1#

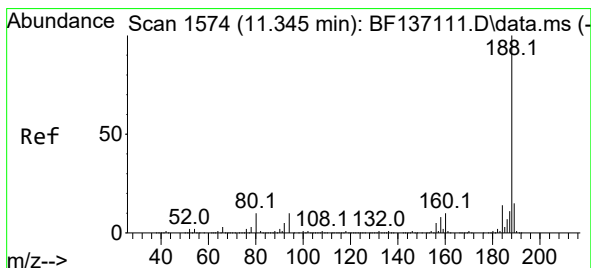
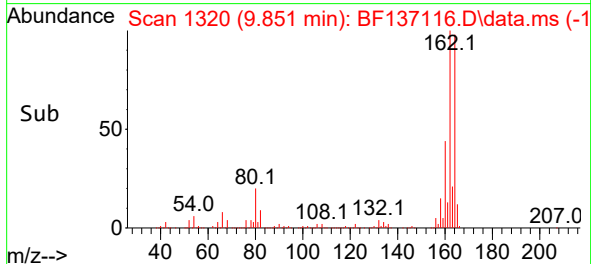
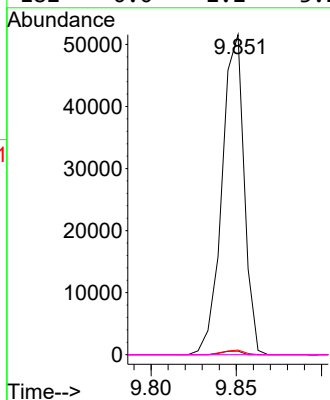
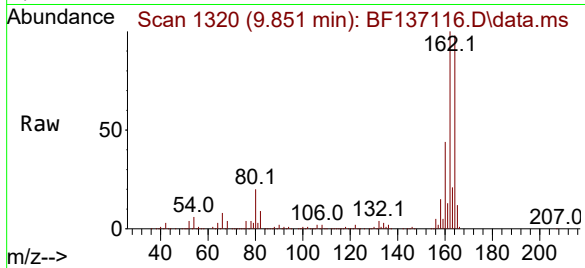




#57
2,4-Dinitrotoluene
Concen: 7.628 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

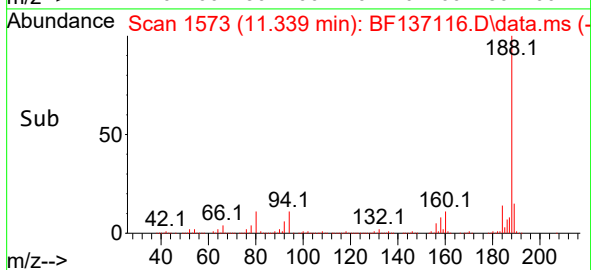
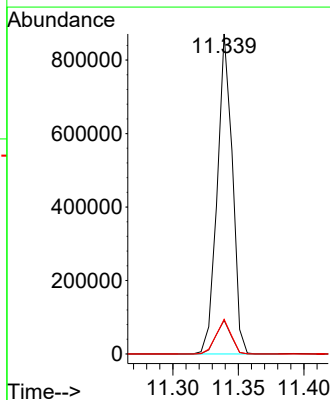
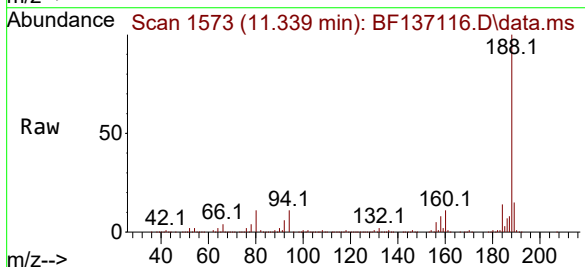
Instrument :
BNA_F
ClientSampleId :
PB158464TB

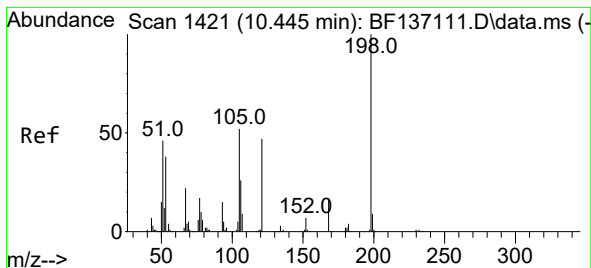
Tgt Ion:165 Resp: 46665
Ion Ratio Lower Upper
165 100
63 1.1 42.3 63.5#
89 1.5 65.0 97.4#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

Tgt Ion:188 Resp: 698155
Ion Ratio Lower Upper
188 100
94 10.5 7.8 11.6
80 10.8 8.2 12.2

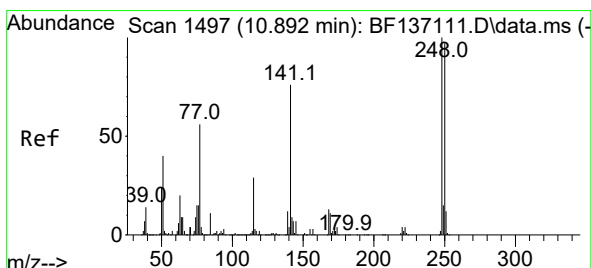
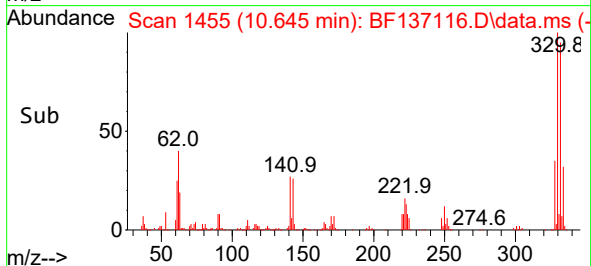
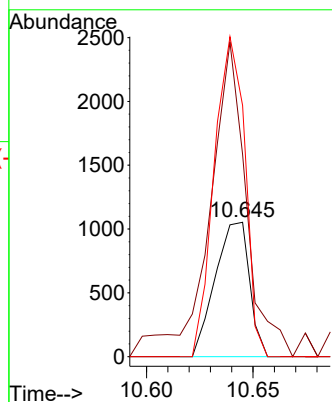
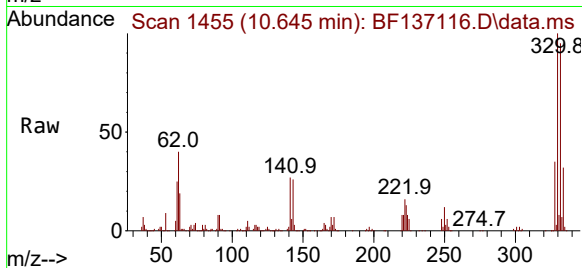




#65
4,6-Dinitro-2-methylphenol
Concen: 7.625 ng
RT: 10.645 min Scan# 1421
Delta R.T. 0.200 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

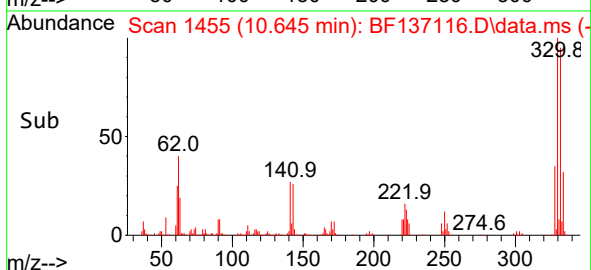
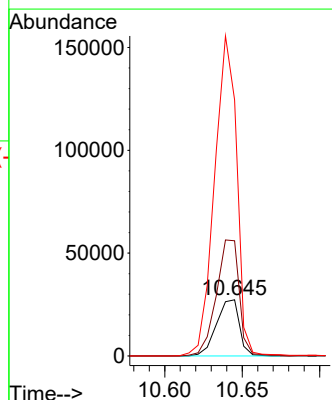
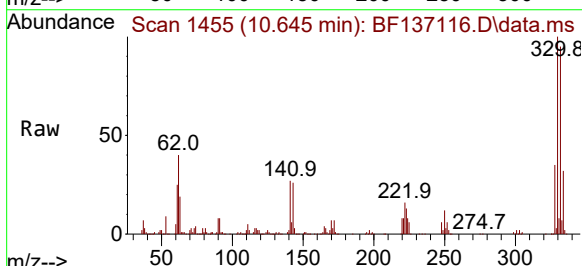
Instrument :
BNA_F
ClientSampleId :
PB158464TB

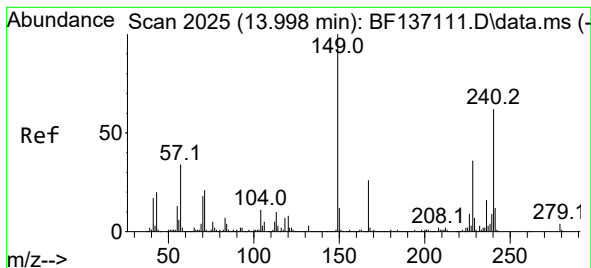
Tgt Ion:198 Resp: 1176
Ion Ratio Lower Upper
198 100
51 150.4 44.4 84.4#
105 186.9 33.6 73.6#



#67
4-Bromophenyl-phenylether
Concen: 3.730 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF137116.D
Acq: 19 Jan 2024 17:24

Tgt Ion:248 Resp: 28141
Ion Ratio Lower Upper
248 100
250 204.7 77.3 115.9#
141 455.1 61.2 91.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137116.D

Acq: 19 Jan 2024 17:24

Instrument :

BNA_F

ClientSampleId :

PB158464TB

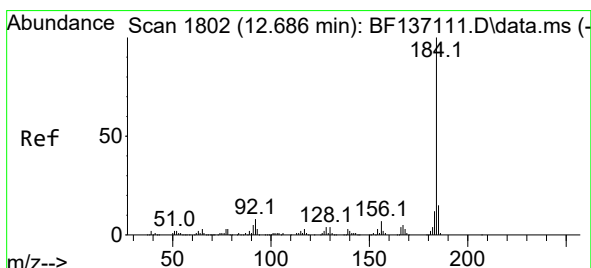
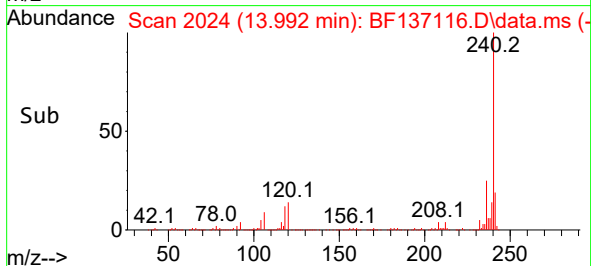
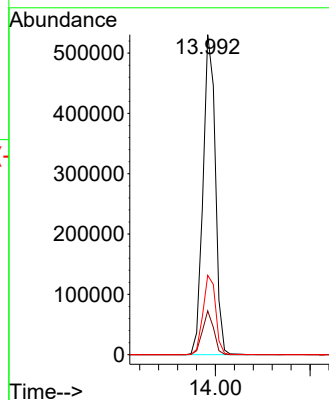
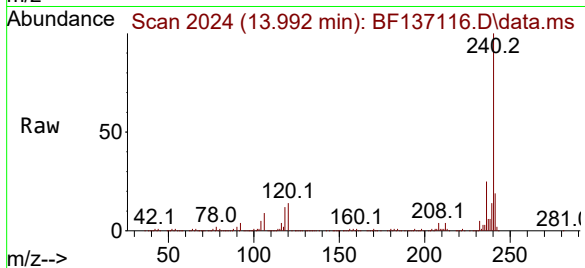
Tgt Ion:240 Resp: 479323

Ion Ratio Lower Upper

240 100

120 13.7 10.3 15.5

236 24.8 20.1 30.1



#77

Benzidine

Concen: 6.627 ng

RT: 12.945 min Scan# 1846

Delta R.T. 0.259 min

Lab File: BF137116.D

Acq: 19 Jan 2024 17:24

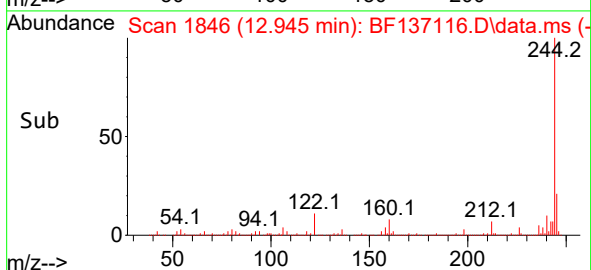
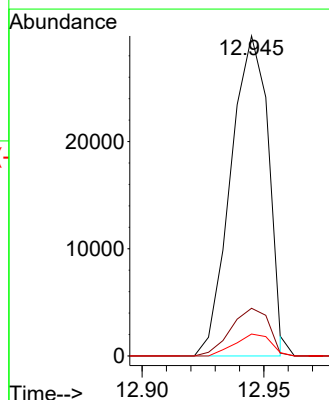
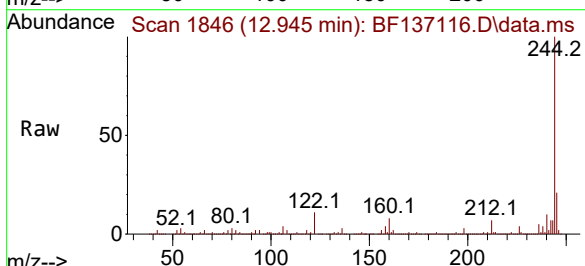
Tgt Ion:184 Resp: 32066

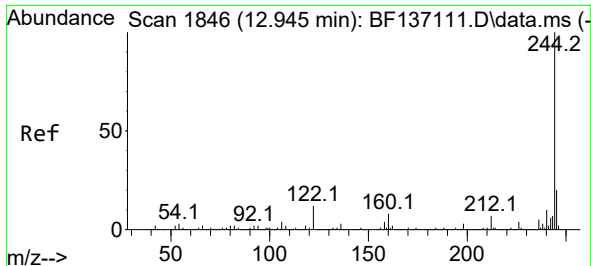
Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

183 6.9 9.2 13.8#

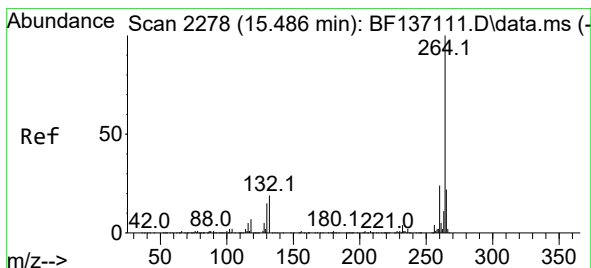
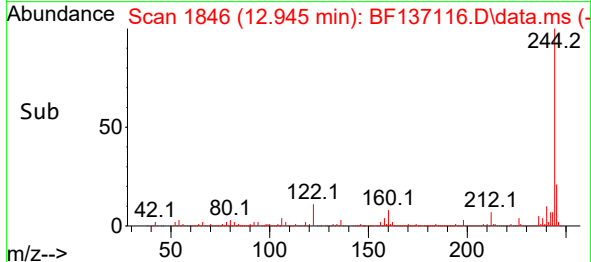
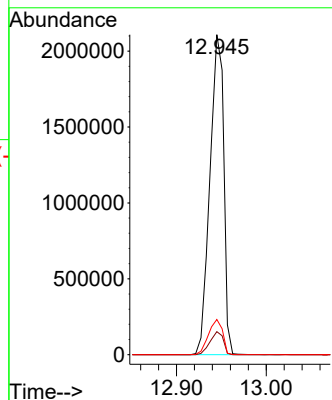
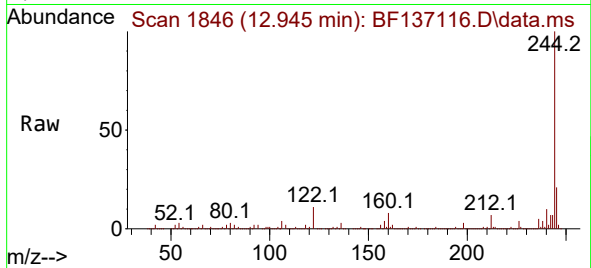




#79
 Terphenyl-d14
 Concen: 67.178 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF137116.D
 Acq: 19 Jan 2024 17:24

Instrument :
 BNA_F
 ClientSampleId :
 PB158464TB

Tgt Ion:244 Resp: 2252671
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.0 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. 0.000 min
 Lab File: BF137116.D
 Acq: 19 Jan 2024 17:24

Tgt Ion:264 Resp: 409110
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 21.7 17.8 26.6

