

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137159.D
 Acq On : 25 Jan 2024 20:57
 Operator : CG\JU
 Sample : P1243-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-308-17-19

Quant Time: Jan 26 10:18:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 23:14:32 2024
 Response via : Initial Calibration

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

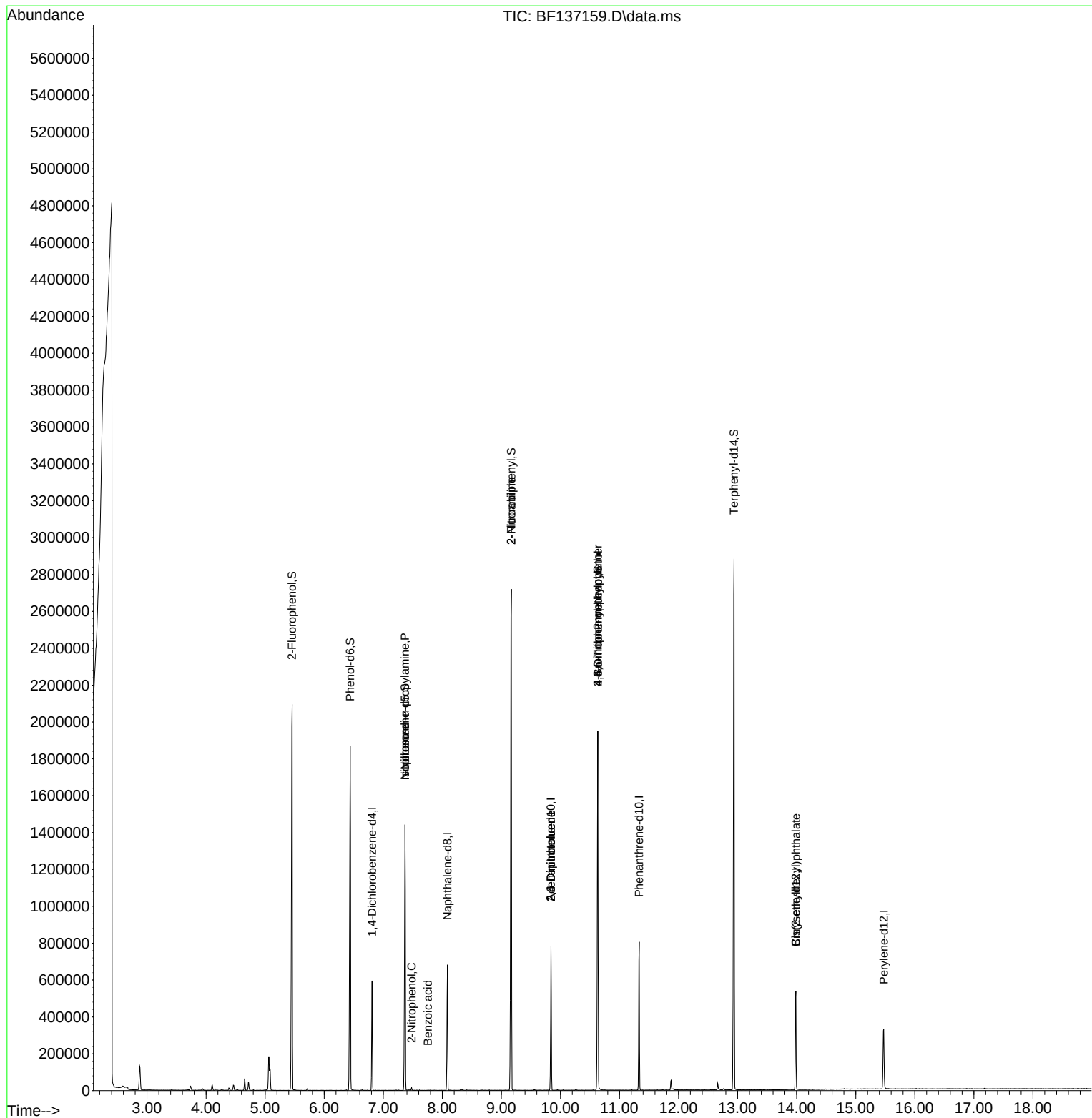
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	69943	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	261457	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	149245	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	293977	20.000	ng	0.00
76) Chrysene-d12	13.986	240	181975	20.000	ng	0.00
86) Perylene-d12	15.474	264	167502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	570810	120.909	ng	0.02
7) Phenol-d6	6.440	99	694455	111.879	ng	0.00
23) Nitrobenzene-d5	7.369	82	515748	92.472	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	229767	146.352	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	917097	85.548	ng	0.00
79) Terphenyl-d14	12.939	244	1125277	88.425	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	70365	16.755	ng	# 78
25) Isophorone	7.369	82	515601	46.817	ng	# 70
26) 2-Nitrophenol	7.481	139	55	4.309	ng	# 24
32) Benzoic acid	7.757	122	65	7.979	ng	# 60
48) 2-Nitroaniline	9.169	65	1926	4.742	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	18761	11.558	ng	# 14
57) 2,4-Dinitrotoluene	9.839	165	18761	10.928	ng	# 13
65) 4,6-Dinitro-2-methylph...	10.633	198	598	8.633	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	15618	4.611	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.986	149	285	6.329	ng	# 53

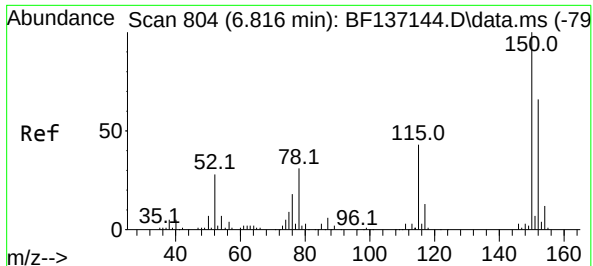
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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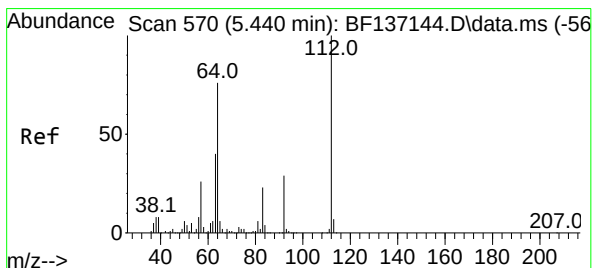
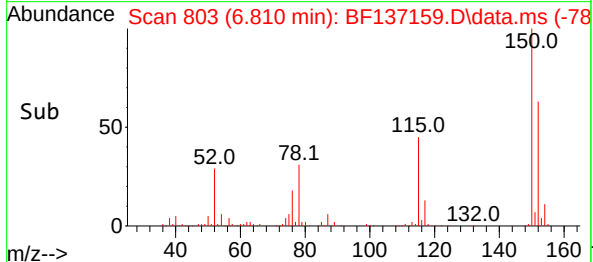
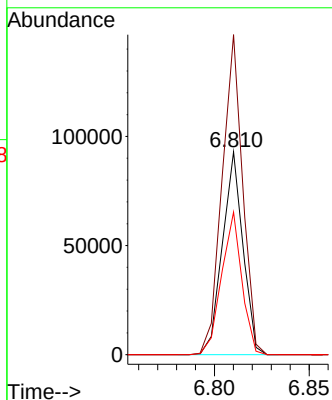
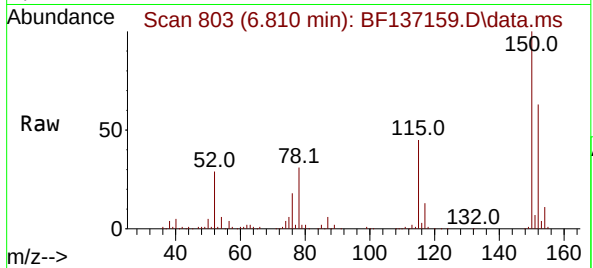




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

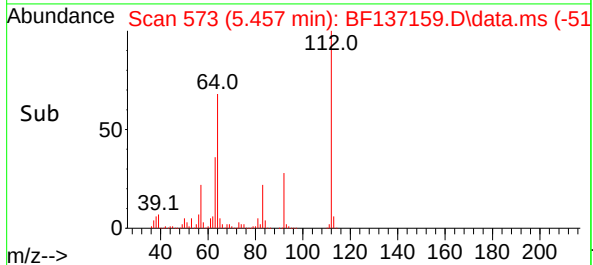
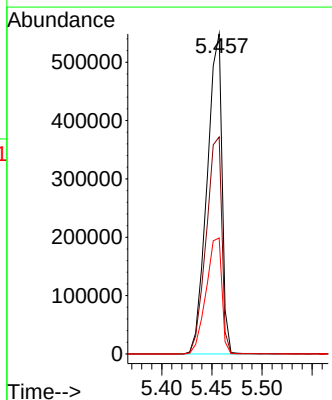
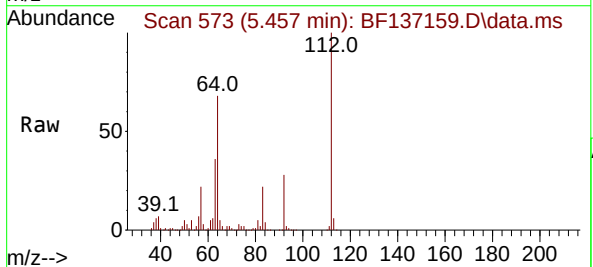
Instrument :
BNA_F
ClientSampleId :
MR-308-17-19

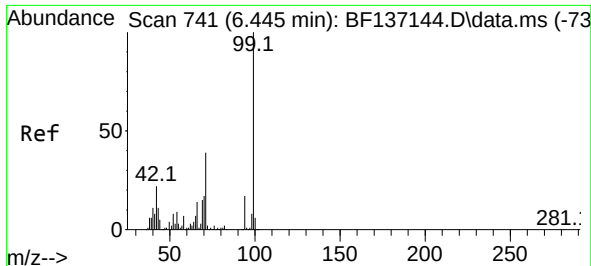
Tgt Ion:152 Resp: 69943
Ion Ratio Lower Upper
152 100
150 157.7 121.2 181.8
115 70.3 52.5 78.7



#5
2-Fluorophenol
Concen: 120.909 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

Tgt Ion:112 Resp: 570810
Ion Ratio Lower Upper
112 100
64 67.8 60.8 91.2
63 36.2 32.1 48.1

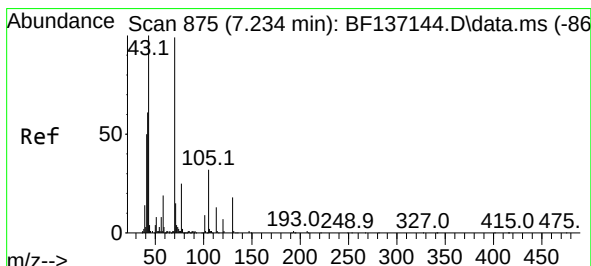
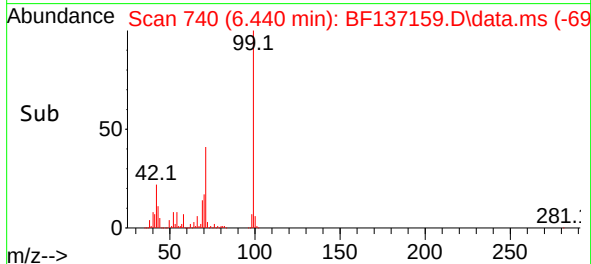
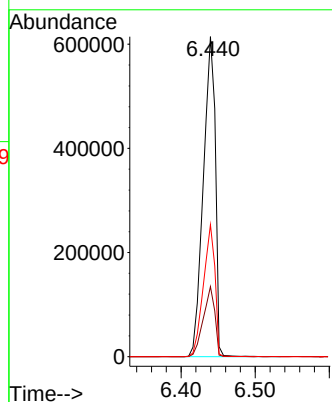
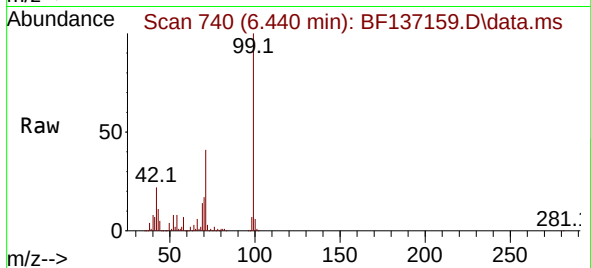




#7
Phenol-d6
Concen: 111.879 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

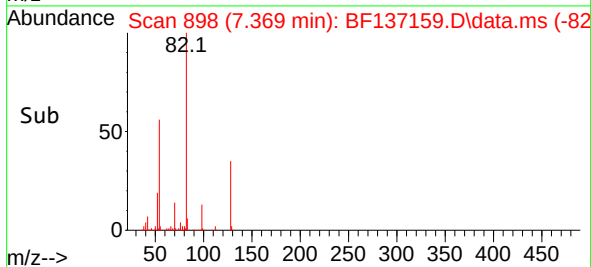
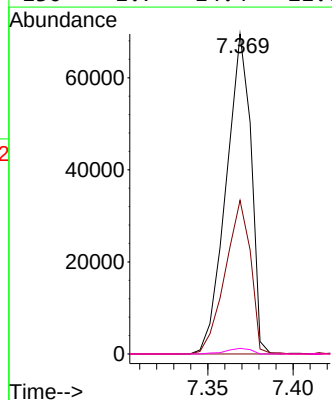
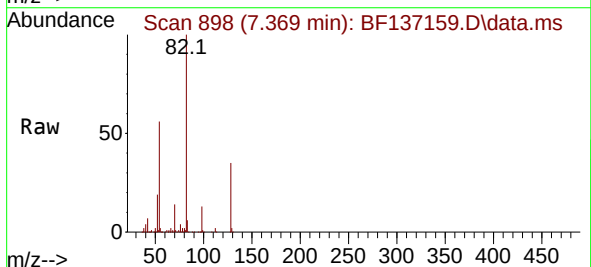
Instrument :
BNA_F
ClientSampleId :
MR-308-17-19

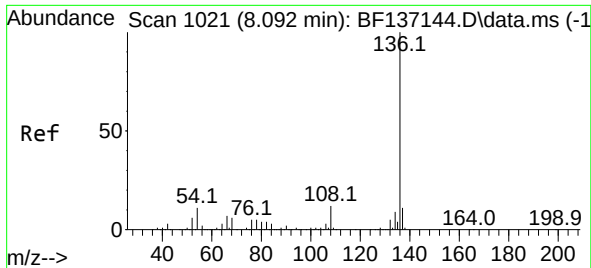
Tgt Ion: 99 Resp: 694455
Ion Ratio Lower Upper
99 100
42 21.9 17.5 26.3
71 41.3 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.755 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

Tgt Ion: 70 Resp: 70365
Ion Ratio Lower Upper
70 100
42 48.0 49.3 73.9#
101 0.0 7.4 11.0#
130 1.7 14.4 21.6#



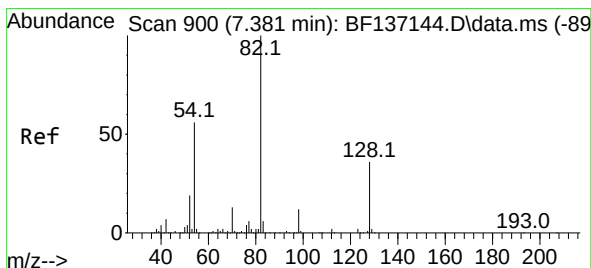
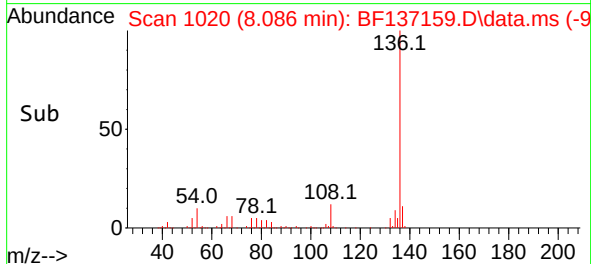
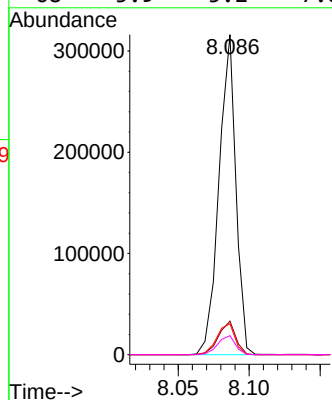
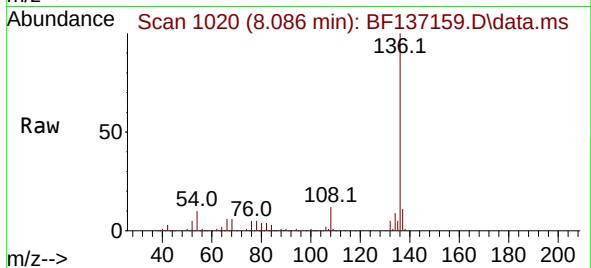


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

Instrument :
BNA_F
ClientSampleId :
MR-308-17-19

Tgt Ion:136 Resp: 261457

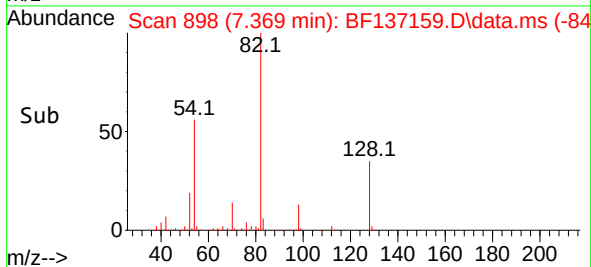
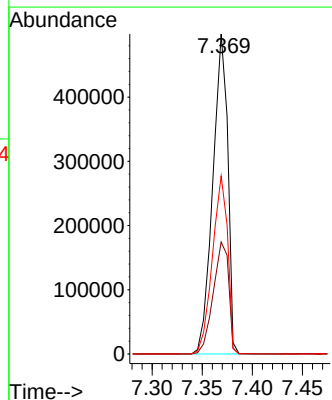
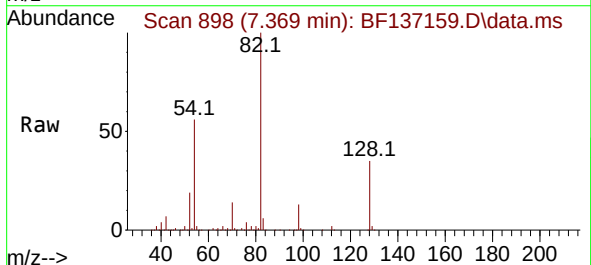
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.7	8.8	13.2
68	5.9	5.2	7.8

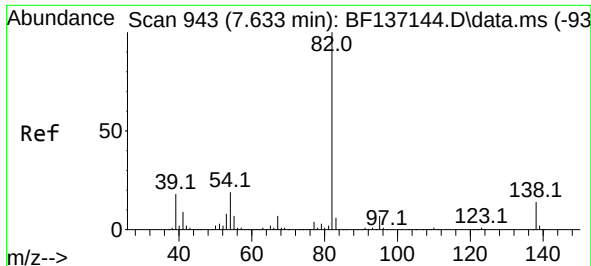


#23
Nitrobenzene-d5
Concen: 92.472 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

Tgt Ion: 82 Resp: 515748

Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.0	43.6
54	55.7	44.6	67.0

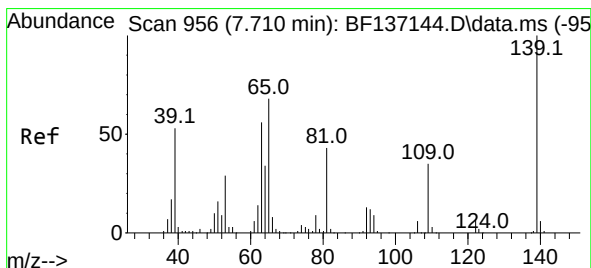
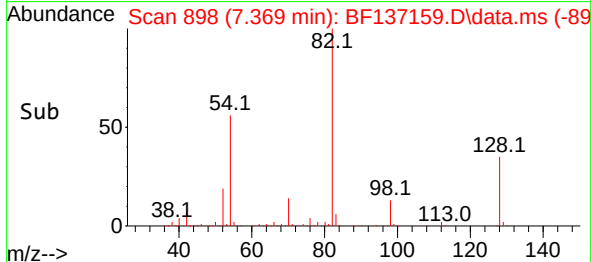
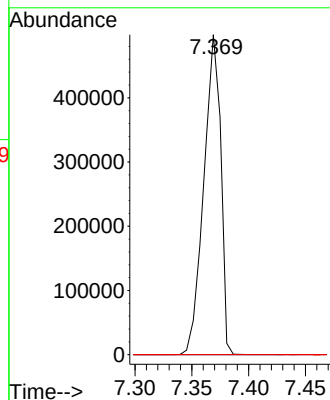
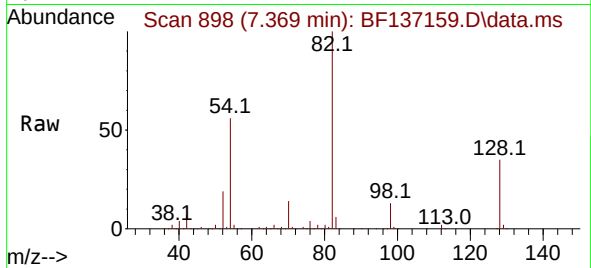




#25
Isophorone
Concen: 46.817 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.264 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

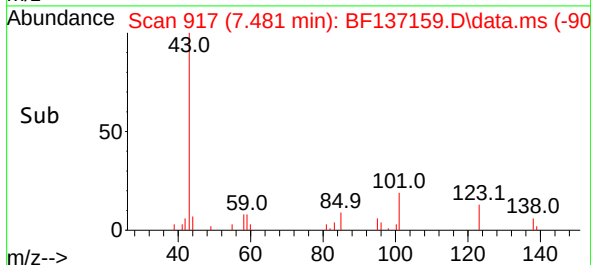
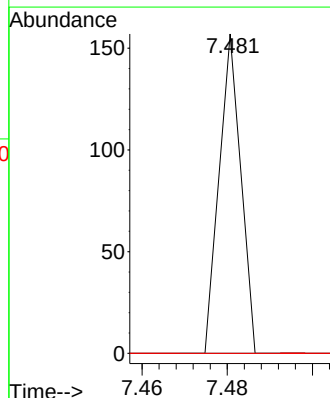
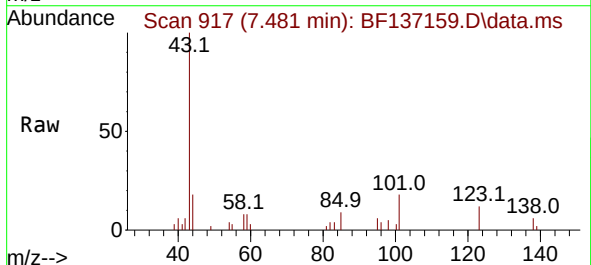
Instrument :
BNA_F
ClientSampleId :
MR-308-17-19

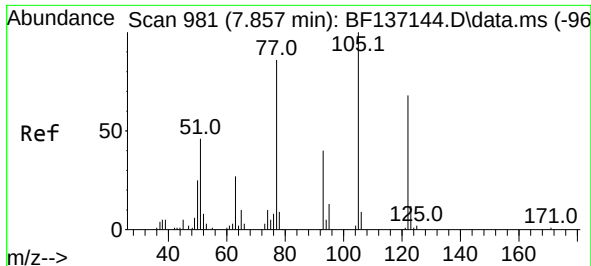
Tgt Ion: 82 Resp: 515601
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 11.5 17.3#



#26
2-Nitrophenol
Concen: 4.309 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.229 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 0.0 27.8 41.8#
65 0.0 54.6 82.0#

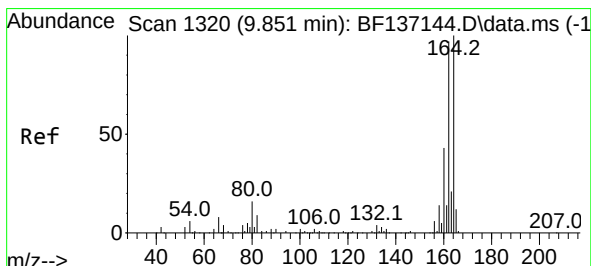
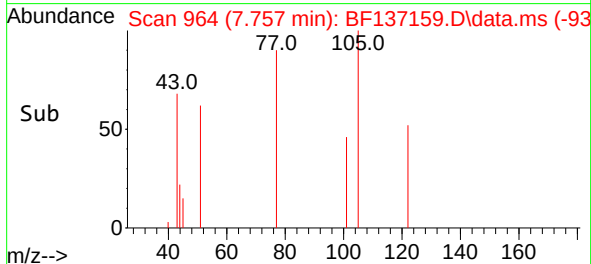
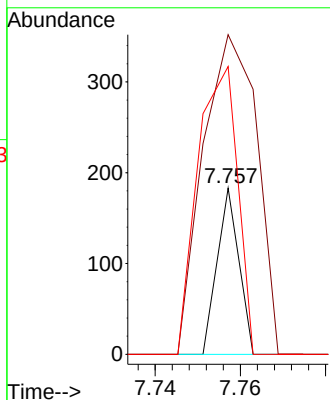
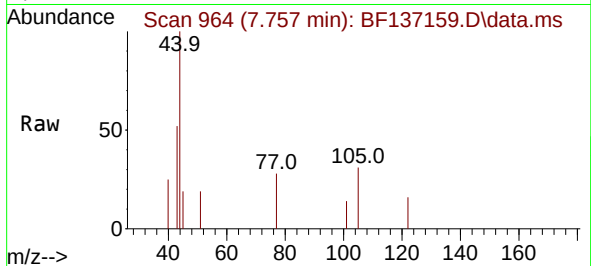




#32
Benzoic acid
Concen: 7.979 ng
RT: 7.757 min Scan# 90
Delta R.T. -0.100 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

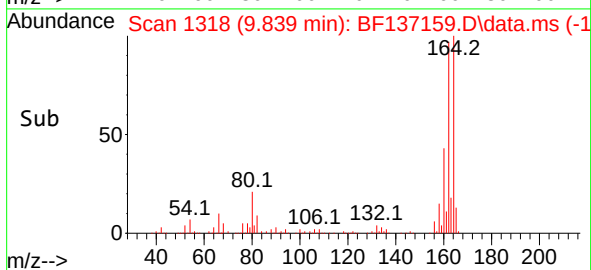
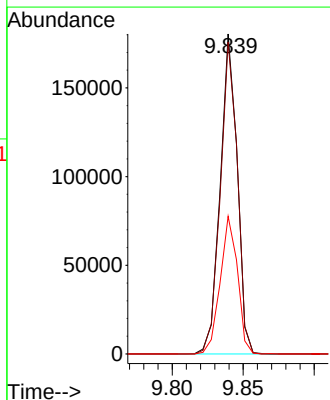
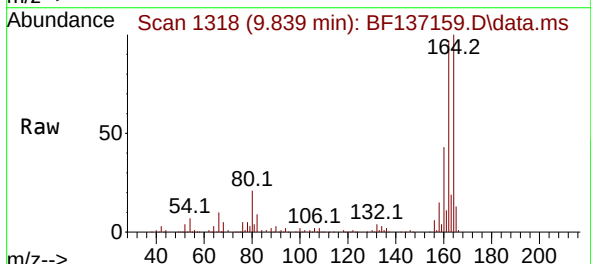
Instrument :
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ClientSampleId :
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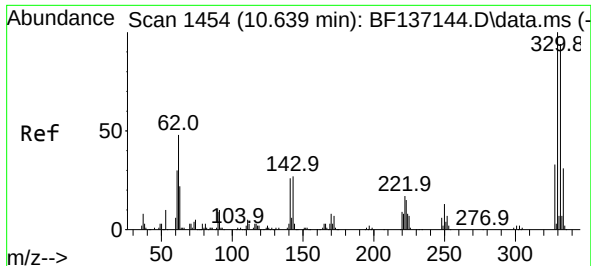
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 192.3 123.2 163.2#
77 173.2 107.6 147.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

Tgt Ion:164 Resp: 149245
Ion Ratio Lower Upper
164 100
162 97.5 77.5 116.3
160 43.0 34.7 52.1





#42

2,4,6-Tribromophenol

Concen: 146.352 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF137159.D

Acq: 25 Jan 2024 20:57

Instrument :

BNA_F

ClientSampleId :

MR-308-17-19

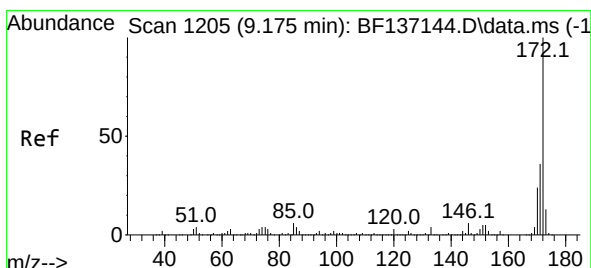
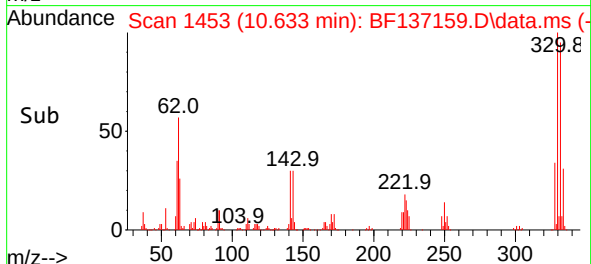
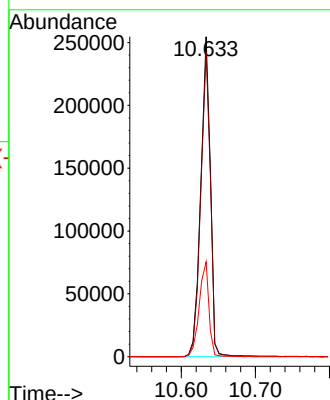
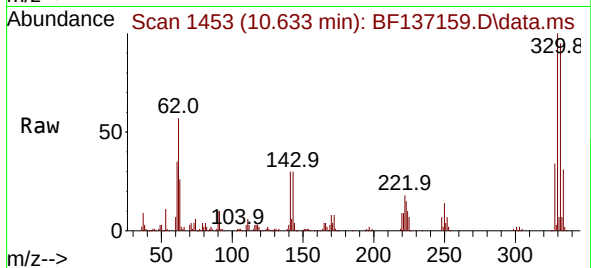
Tgt Ion:330 Resp: 229767

Ion Ratio Lower Upper

330 100

332 95.4 75.4 113.0

141 29.8 24.8 37.2



#45

2-Fluorobiphenyl

Concen: 85.548 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF137159.D

Acq: 25 Jan 2024 20:57

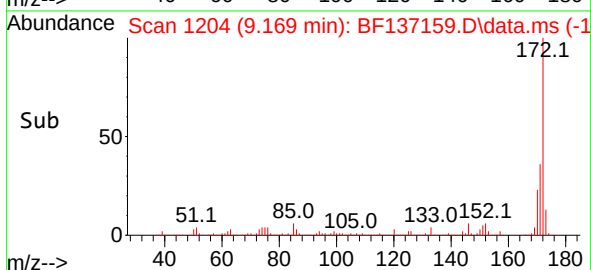
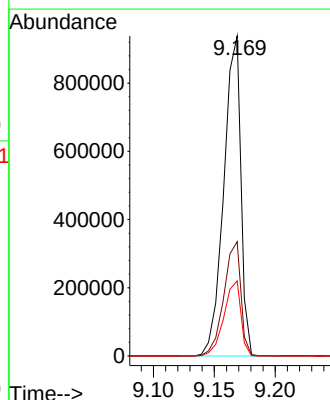
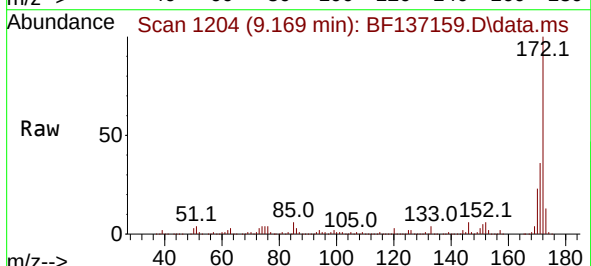
Tgt Ion:172 Resp: 917097

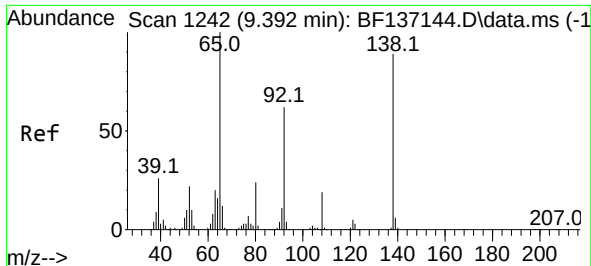
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.5 18.8 28.2





#48

2-Nitroaniline

Concen: 4.742 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.223 min

Lab File: BF137159.D

Acq: 25 Jan 2024 20:57

Instrument :

BNA_F

ClientSampleId :

MR-308-17-19

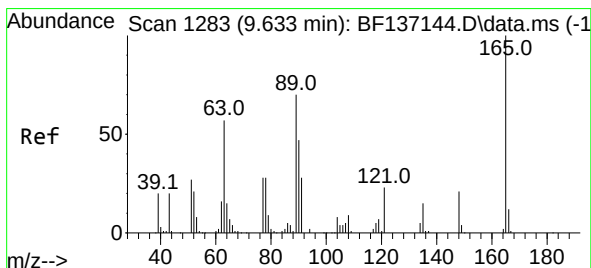
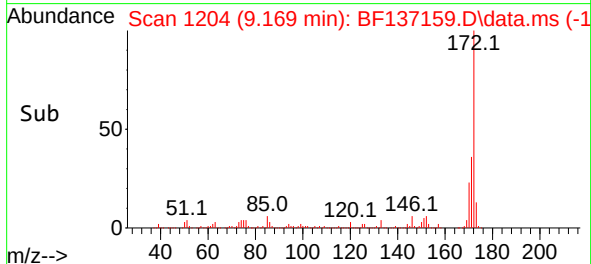
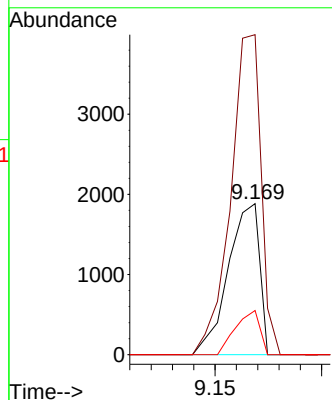
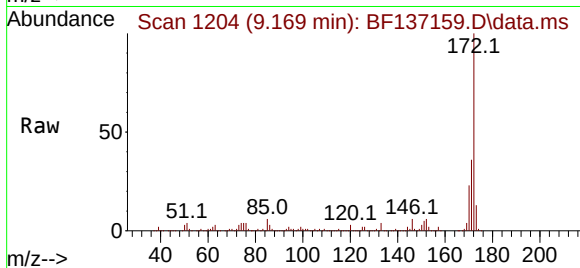
Tgt Ion: 65 Resp: 1926

Ion Ratio Lower Upper

65 100

92 211.9 49.4 74.2#

138 29.2 70.8 106.2#



#51

2,6-Dinitrotoluene

Concen: 11.558 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.206 min

Lab File: BF137159.D

Acq: 25 Jan 2024 20:57

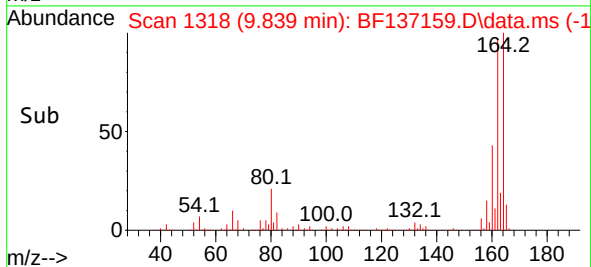
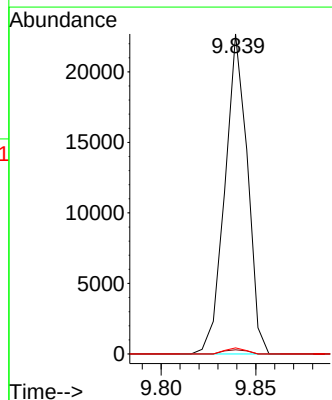
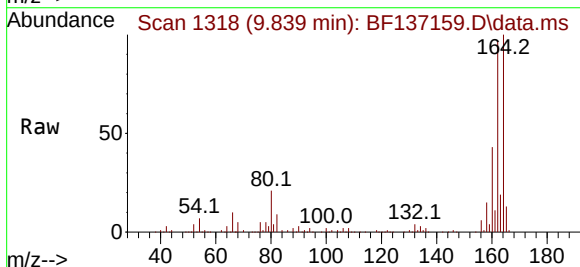
Tgt Ion: 165 Resp: 18761

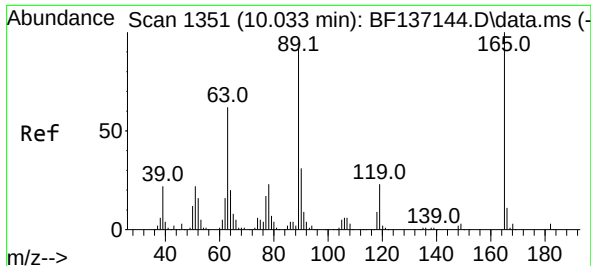
Ion Ratio Lower Upper

165 100

63 1.3 64.4 96.6#

89 1.9 55.7 83.5#

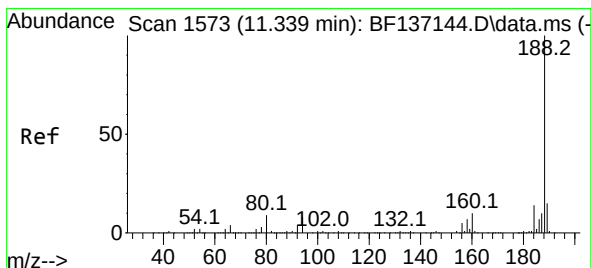
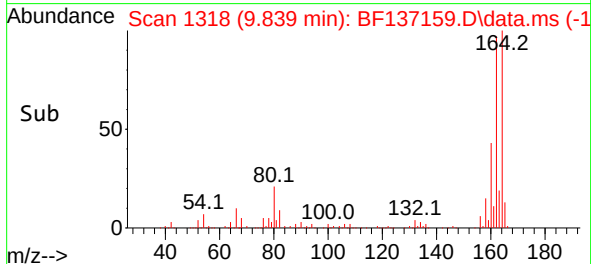
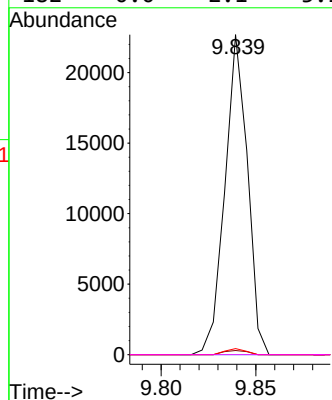
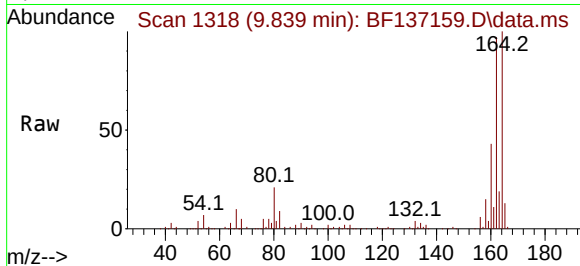




#57
2,4-Dinitrotoluene
Concen: 10.928 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

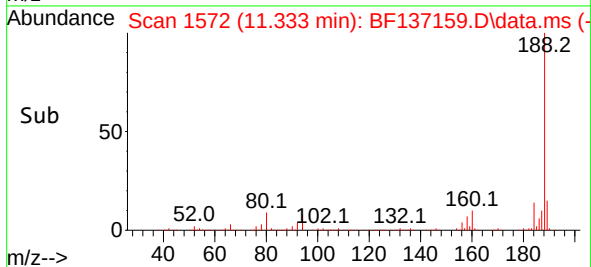
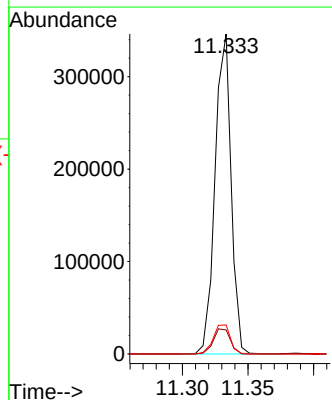
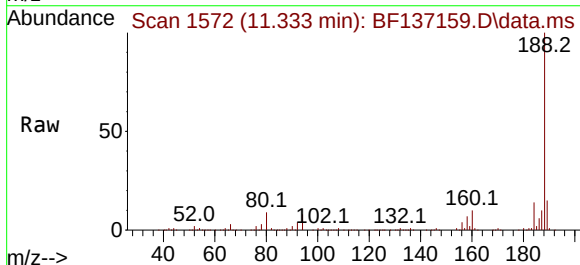
Instrument :
BNA_F
ClientSampleId :
MR-308-17-19

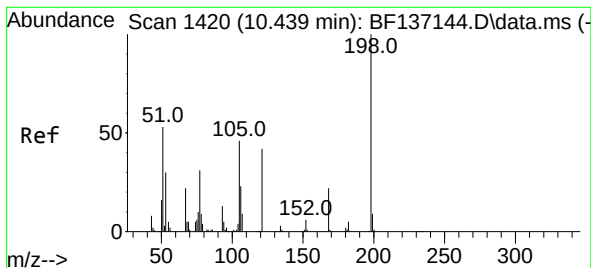
Tgt Ion:165 Resp: 18761
Ion Ratio Lower Upper
165 100
63 1.3 49.4 74.2#
89 1.9 73.5 110.3#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

Tgt Ion:188 Resp: 293977
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 9.0 7.4 11.0

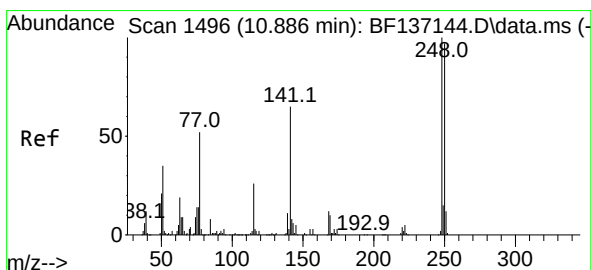
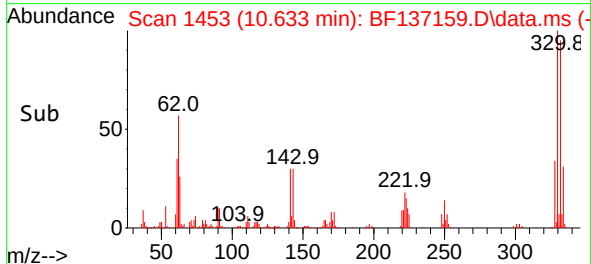
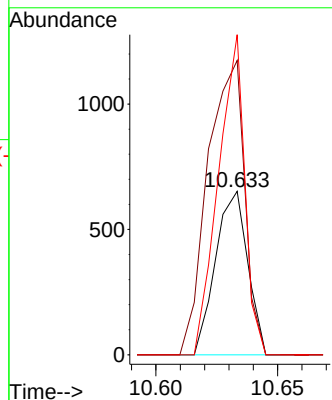
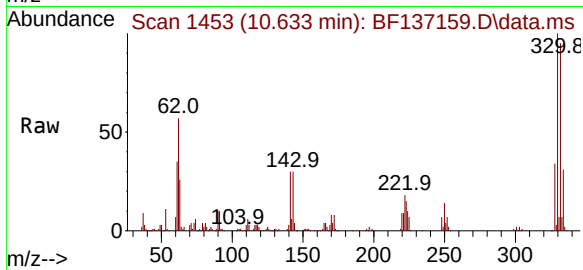




#65
4,6-Dinitro-2-methylphenol
Concen: 8.633 ng
RT: 10.633 min Scan# 1420
Delta R.T. 0.194 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

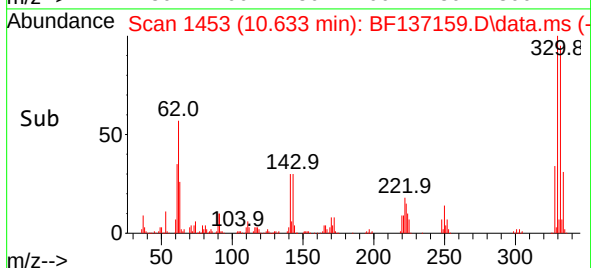
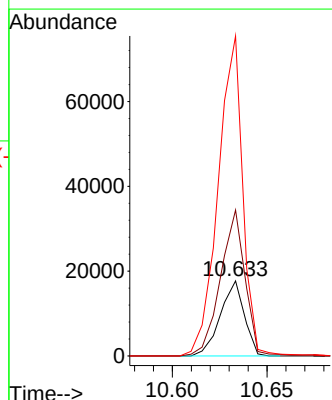
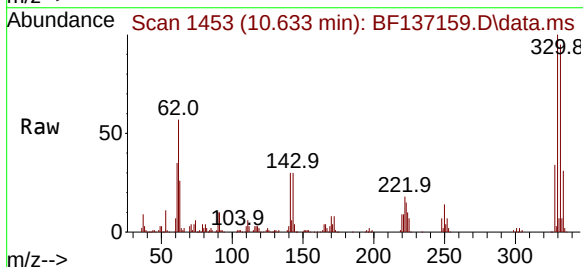
Instrument :
BNA_F
ClientSampleId :
MR-308-17-19

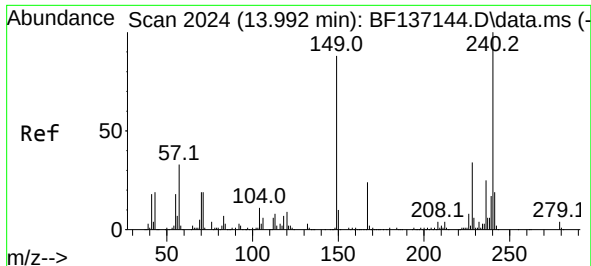
Tgt Ion:198 Resp: 598
Ion Ratio Lower Upper
198 100
51 180.1 44.7 84.7#
105 195.9 28.2 68.2#



#67
4-Bromophenyl-phenylether
Concen: 4.611 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

Tgt Ion:248 Resp: 15618
Ion Ratio Lower Upper
248 100
250 194.7 77.7 116.5#
141 426.7 52.3 78.5#

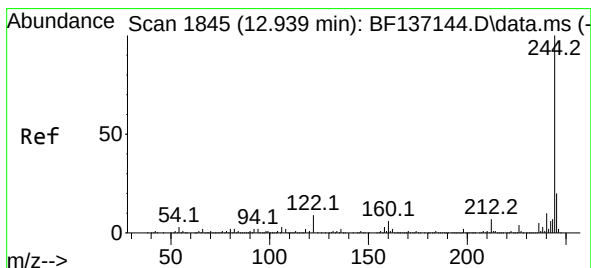
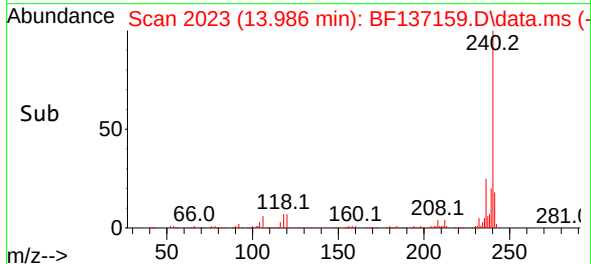
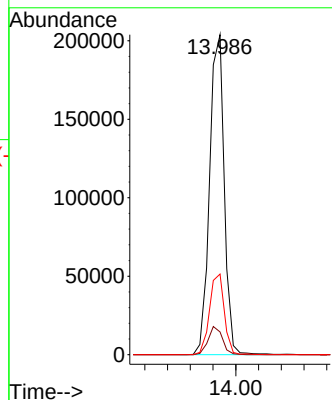
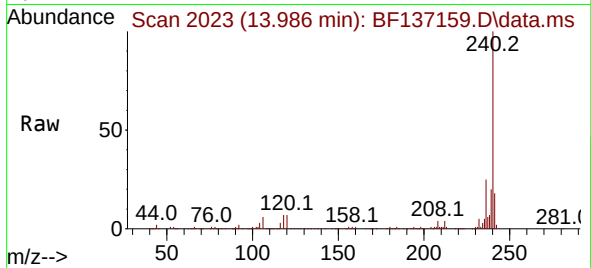




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

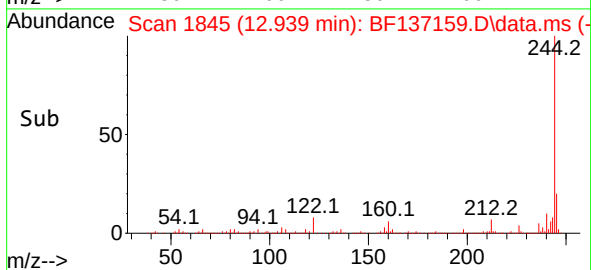
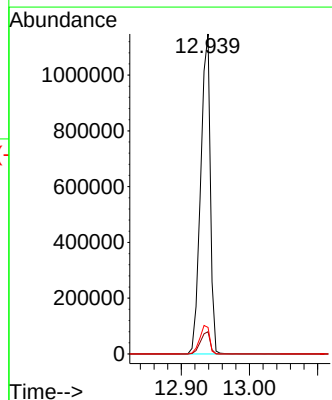
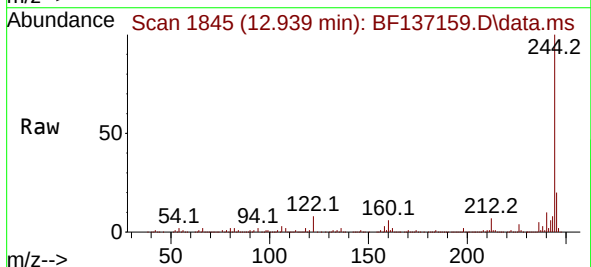
Instrument :
BNA_F
ClientSampleId :
MR-308-17-19

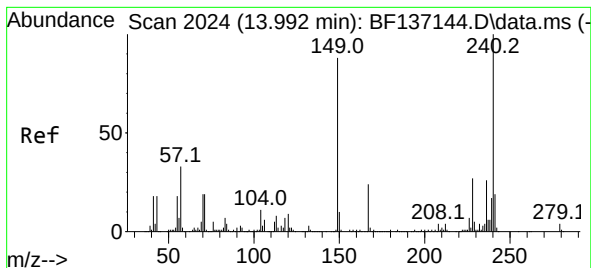
Tgt Ion:240 Resp: 181975
Ion Ratio Lower Upper
240 100
120 7.1 6.9 10.3
236 25.2 20.4 30.6



#79
Terphenyl-d14
Concen: 88.425 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

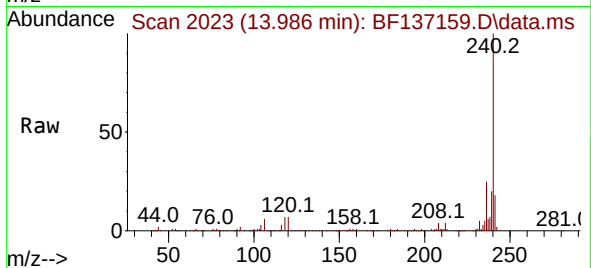
Tgt Ion:244 Resp: 1125277
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.3 7.3 10.9



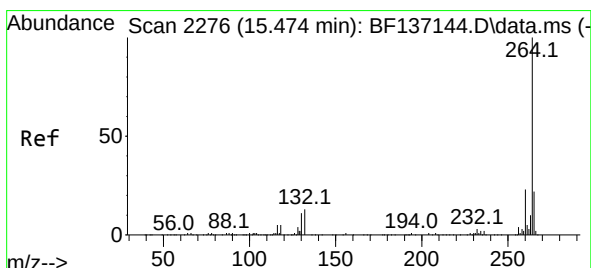
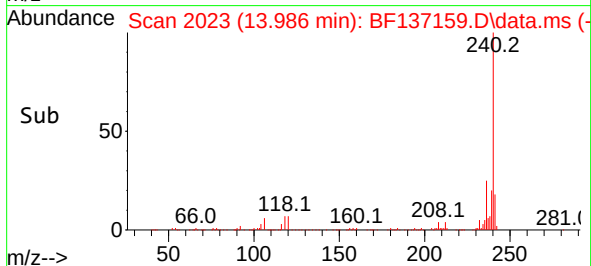
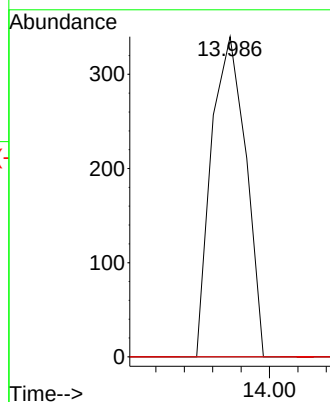


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.329 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

Instrument :
BNA_F
ClientSampleId :
MR-308-17-19



Tgt Ion:149 Resp: 285
Ion Ratio Lower Upper
149 100
167 0.0 21.7 32.5#
279 0.0 3.6 5.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF137159.D
Acq: 25 Jan 2024 20:57

Tgt Ion:264 Resp: 167502
Ion Ratio Lower Upper
264 100
260 24.8 18.5 27.7
265 21.9 17.2 25.8

