

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137214.D
 Acq On : 31 Jan 2024 17:02
 Operator : CG\JU
 Sample : P1270-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUID-20240126

Quant Time: Feb 01 01:19:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

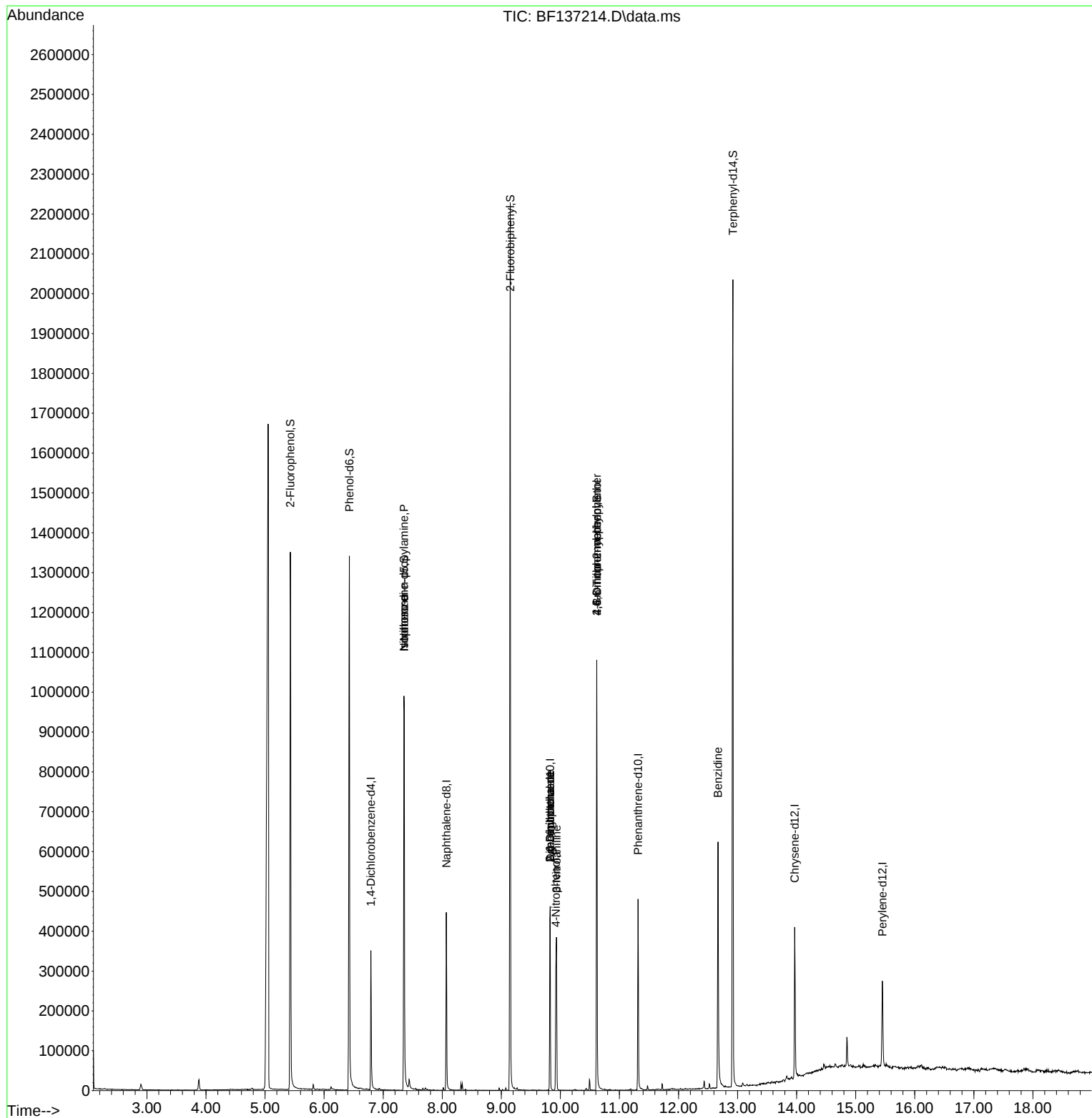
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	48118	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	177751	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	95591	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	178163	20.000	ng	0.00
76) Chrysene-d12	13.968	240	133691	20.000	ng	0.00
86) Perylene-d12	15.451	264	105985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	357892	122.730	ng	0.01
7) Phenol-d6	6.428	99	449888	108.105	ng	0.00
23) Nitrobenzene-d5	7.351	82	362150	91.218	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	119591	110.778	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	636159	91.484	ng	0.00
79) Terphenyl-d14	12.921	244	772294	78.531	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	49390	17.309	ng	# 80
25) Isophorone	7.351	82	362147	49.419	ng	# 68
50) Dimethylphthalate	9.827	163	18989	2.940	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	12347	8.966	ng	# 17
53) 3-Nitroaniline	9.933	138	2786	2.248	ng	# 1
56) 4-Nitrophenol	9.922	139	343	8.780	ng	# 1
57) 2,4-Dinitrotoluene	9.827	165	12347	6.910	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.616	198	179	5.623	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	8214	4.193	ng	# 1
77) Benzidine	12.668	184	253582	105.927	ng	98

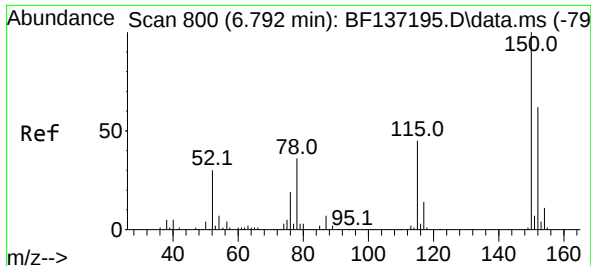
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
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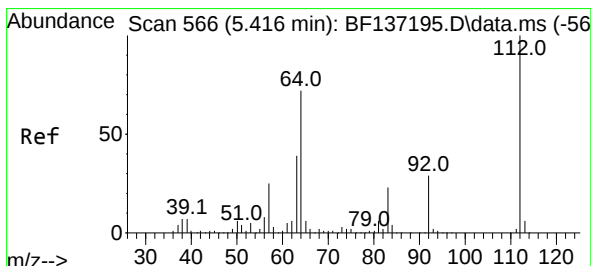
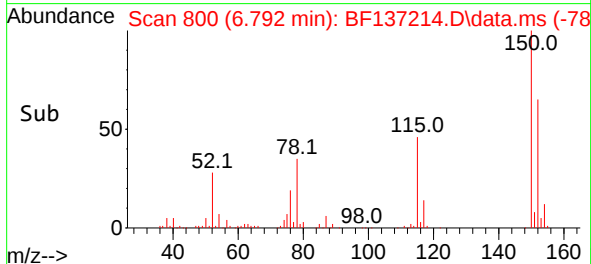
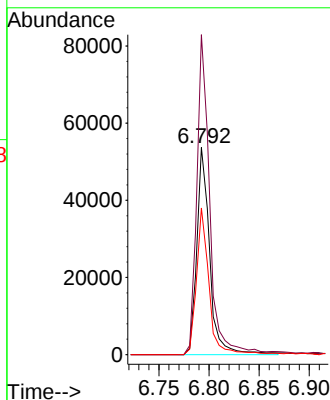
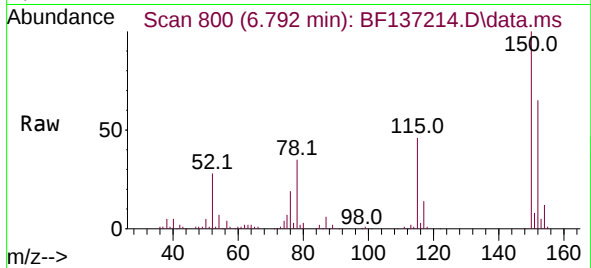




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

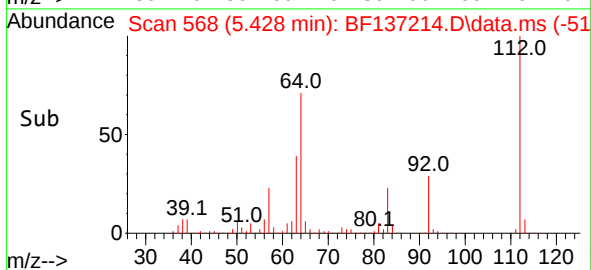
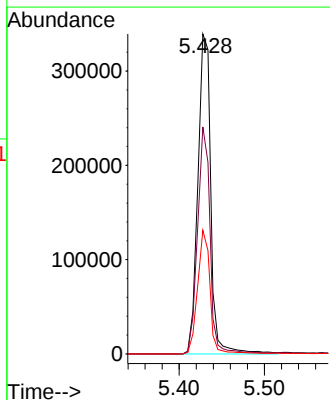
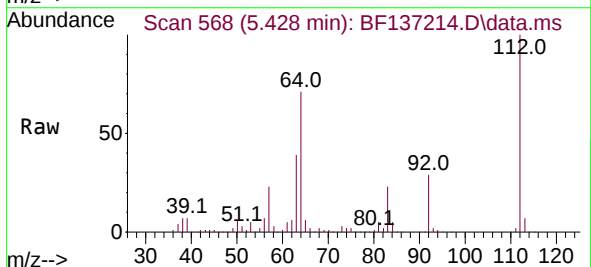
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

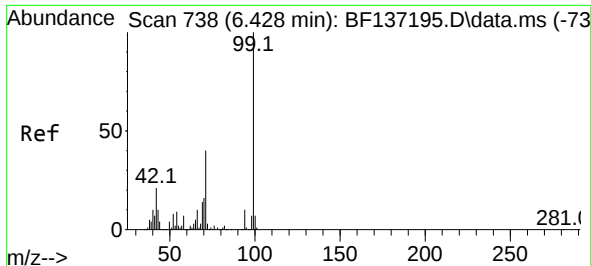
Tgt Ion:152 Resp: 48118
Ion Ratio Lower Upper
152 100
150 154.5 129.8 194.8
115 70.7 58.5 87.7



#5
2-Fluorophenol
Concen: 122.730 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

Tgt Ion:112 Resp: 357892
Ion Ratio Lower Upper
112 100
64 70.9 57.8 86.6
63 38.6 31.4 47.0

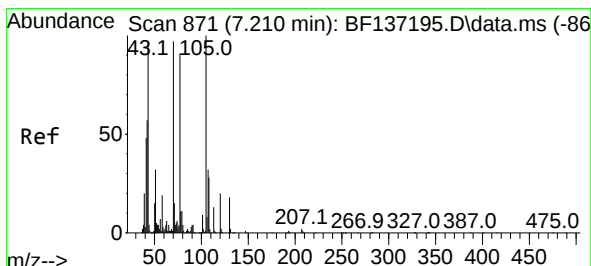
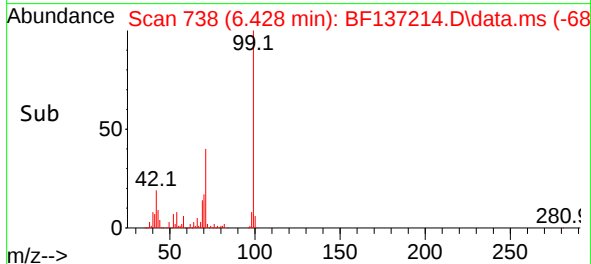
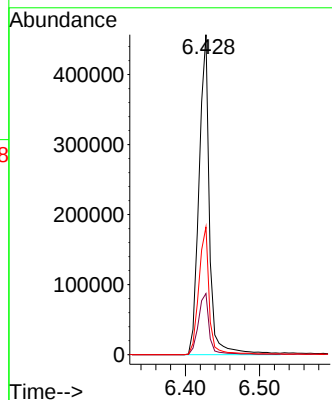
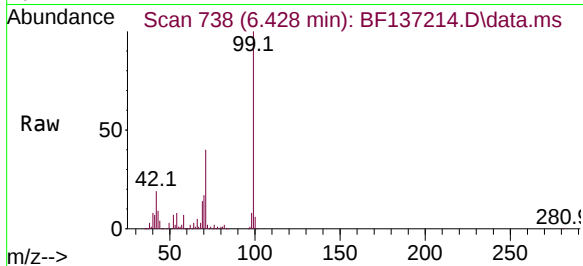




#7
Phenol-d6
Concen: 108.105 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

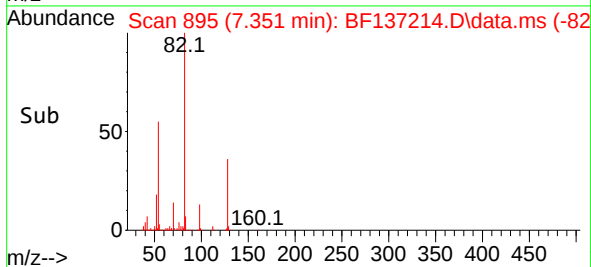
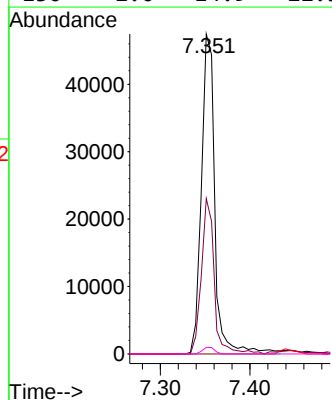
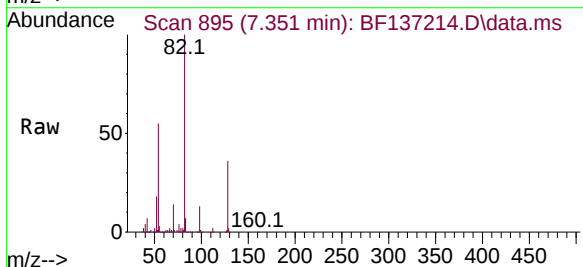
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

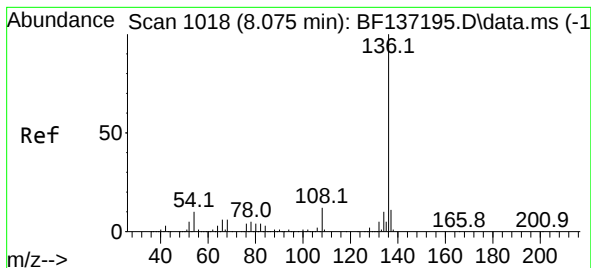
Tgt Ion:	99	Resp:	449888
Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.4	24.6
71	39.9	32.4	48.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.309 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

Tgt Ion:	70	Resp:	49390
Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.2	70.8
101	0.0	7.4	11.0#
130	2.0	14.9	22.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF137214.D

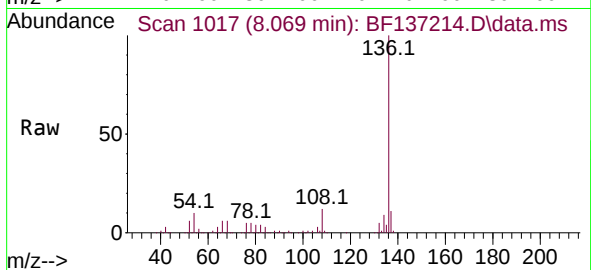
Acq: 31 Jan 2024 17:02

Instrument :

BNA_F

ClientSampleId :

WC-LIQUID-20240126



Tgt Ion:136 Resp: 177751

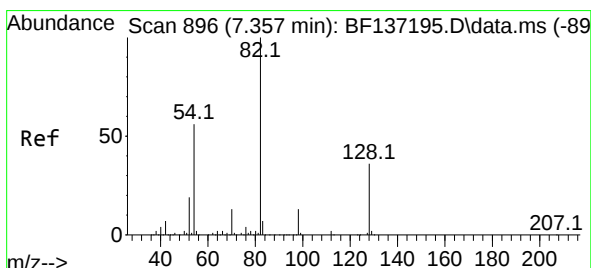
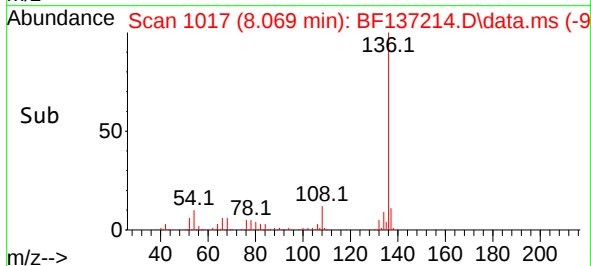
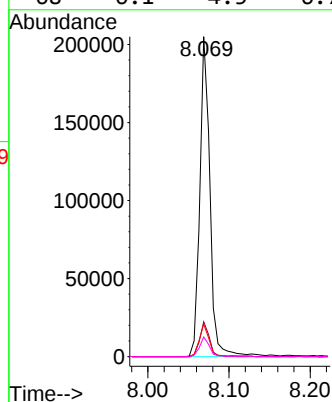
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.1 7.8 11.8

68 6.1 4.5 6.7



#23

Nitrobenzene-d5

Concen: 91.218 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137214.D

Acq: 31 Jan 2024 17:02

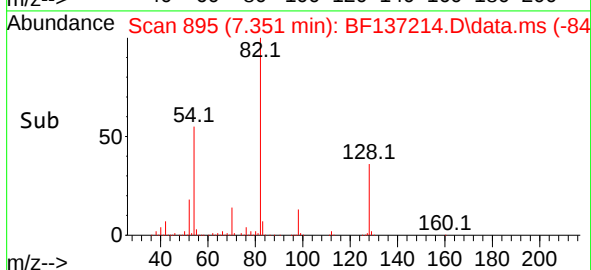
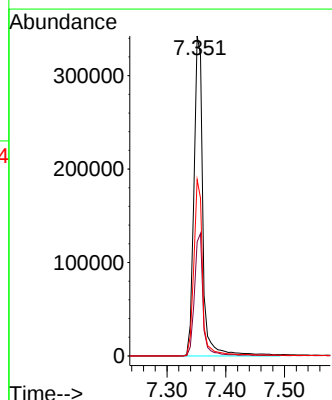
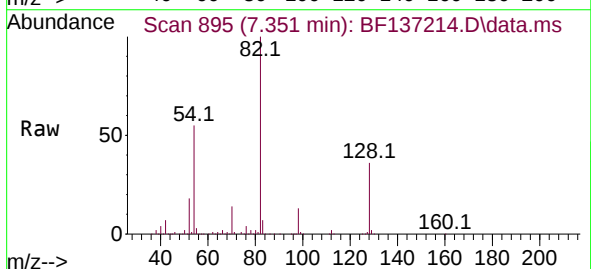
Tgt Ion: 82 Resp: 362150

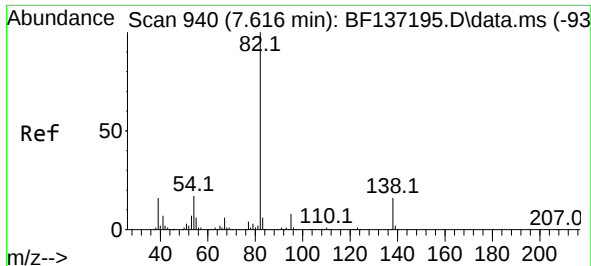
Ion Ratio Lower Upper

82 100

128 35.7 29.1 43.7

54 55.1 45.0 67.6

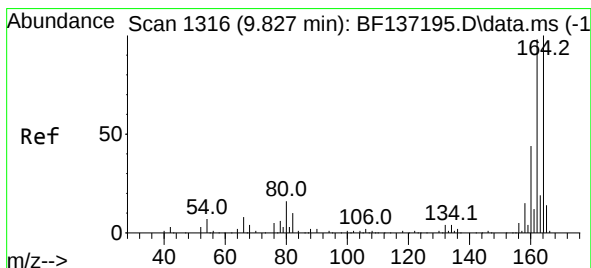
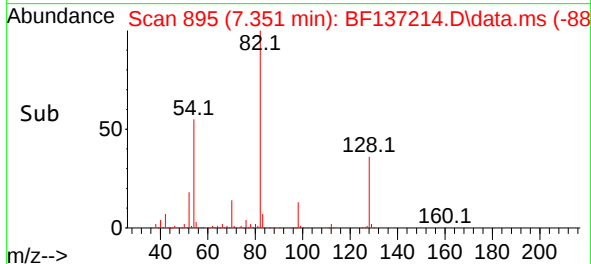
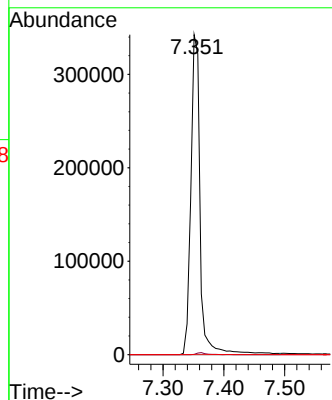
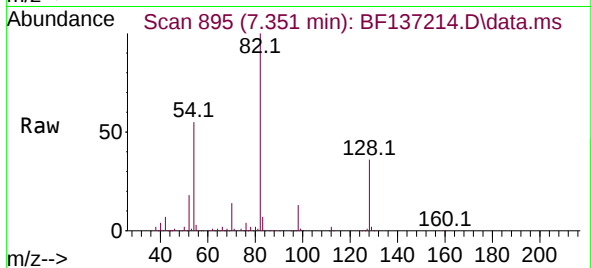




#25
Isophorone
Concen: 49.419 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

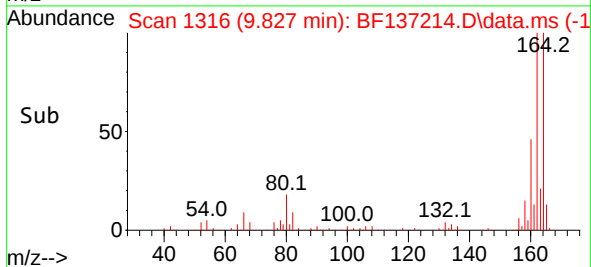
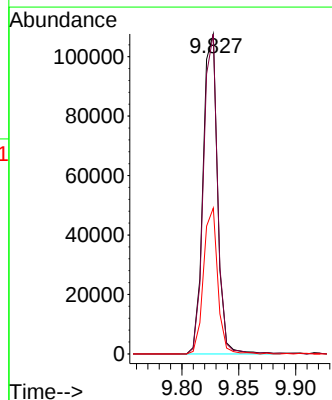
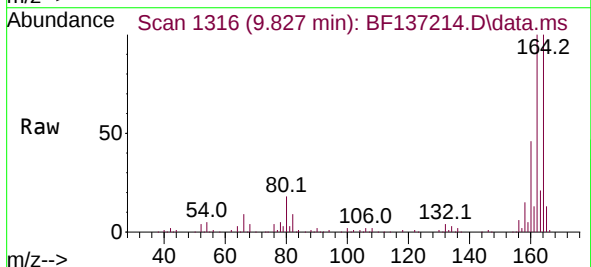
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

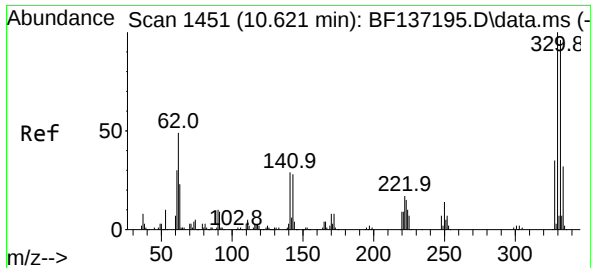
Tgt Ion: 82 Resp: 362147
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

Tgt Ion:164 Resp: 95591
Ion Ratio Lower Upper
164 100
162 100.0 78.3 117.5
160 45.6 35.4 53.2

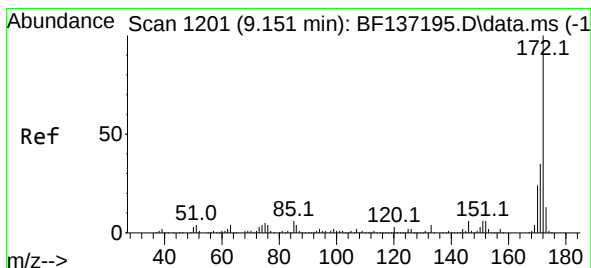
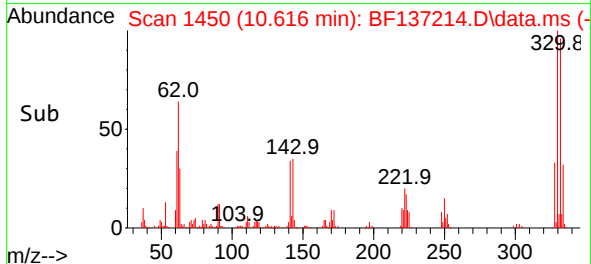
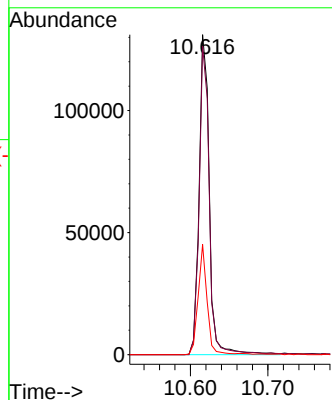
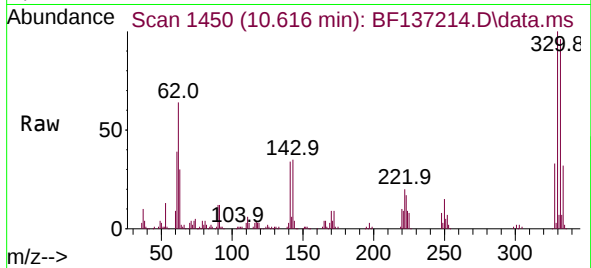




#42
 2,4,6-Tribromophenol
 Concen: 110.778 ng
 RT: 10.616 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF137214.D
 Acq: 31 Jan 2024 17:02

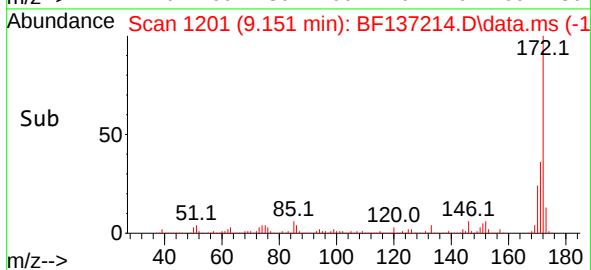
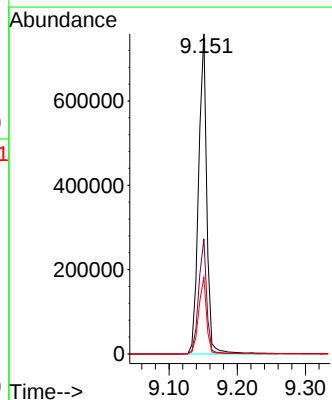
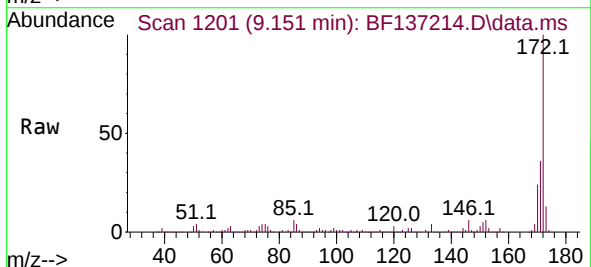
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 BNA_F
 ClientSampleId :
 WC-LIQUID-20240126

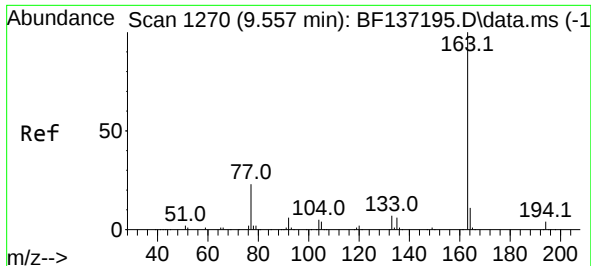
Tgt Ion:330 Resp: 119591
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 30.1 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 91.484 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BF137214.D
 Acq: 31 Jan 2024 17:02

Tgt Ion:172 Resp: 636159
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.3 42.5
 170 23.9 19.1 28.7

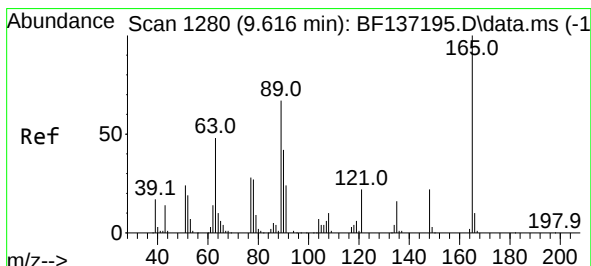
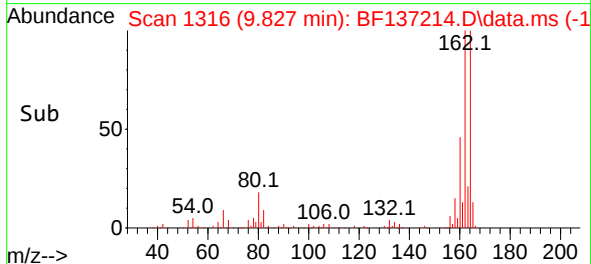
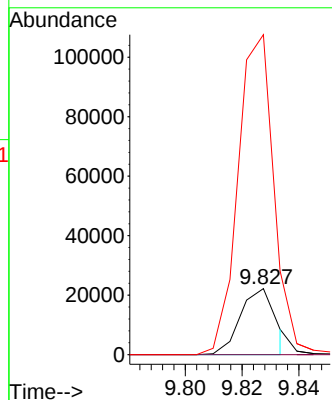
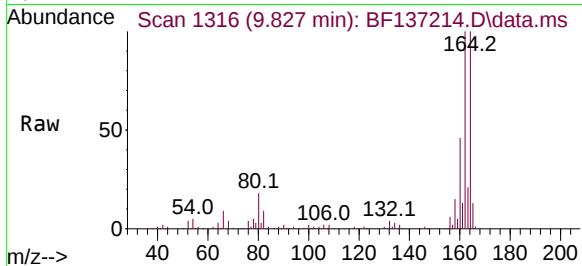




#50
Dimethylphthalate
Concen: 2.940 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.270 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

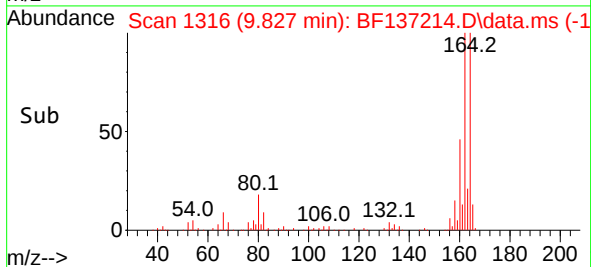
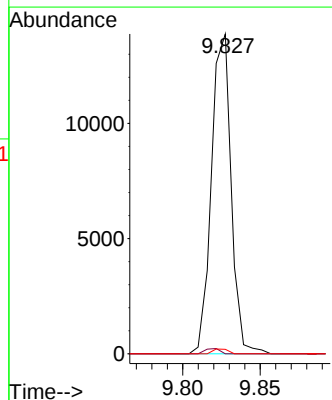
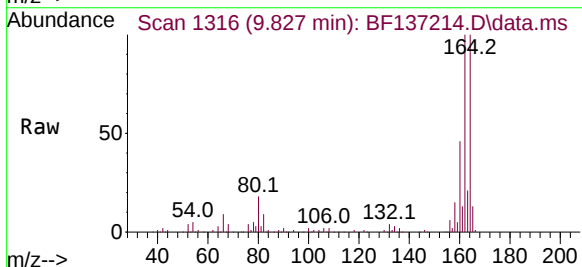
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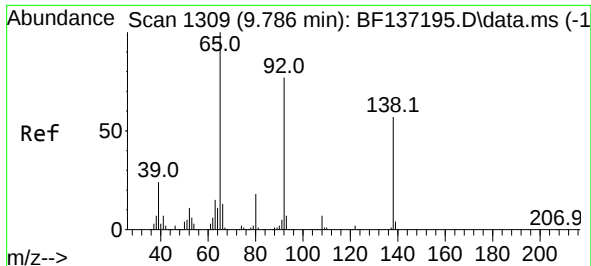
Tgt Ion:163 Resp: 18989
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 484.2 8.6 13.0#



#51
2,6-Dinitrotoluene
Concen: 8.966 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

Tgt Ion:165 Resp: 12347
Ion Ratio Lower Upper
165 100
63 0.0 55.1 82.7#
89 1.4 53.5 80.3#

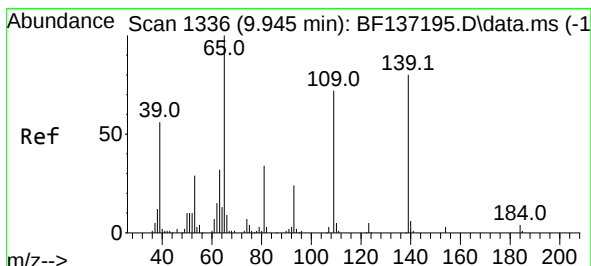
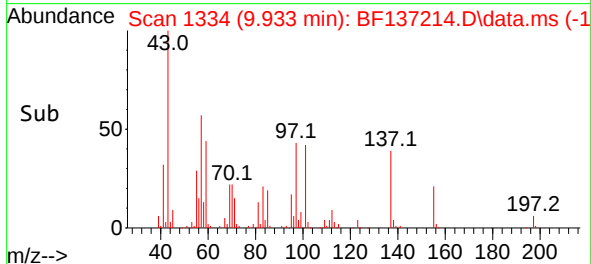
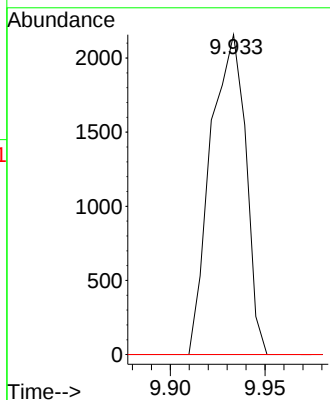
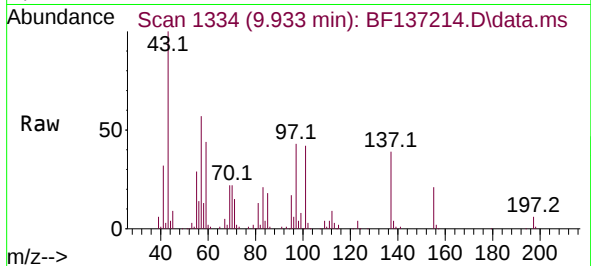




#53
3-Nitroaniline
Concen: 2.248 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.147 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

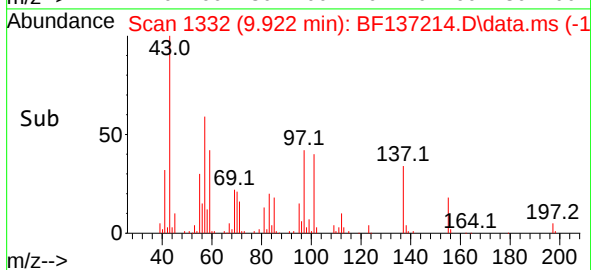
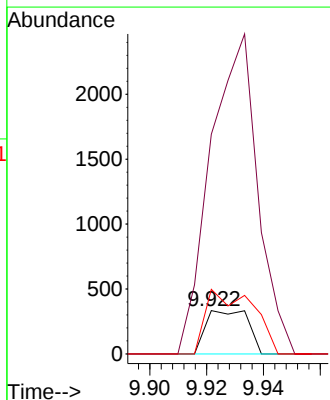
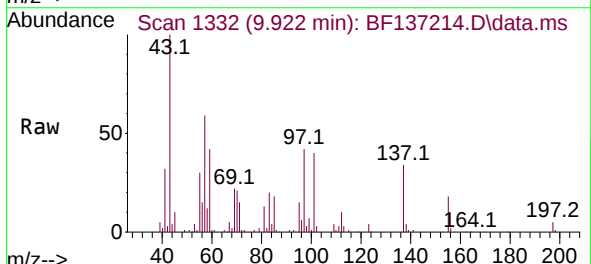
Instrument :
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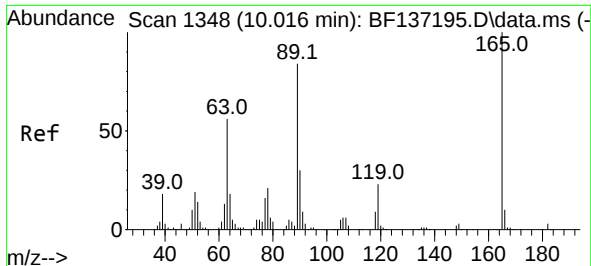
Tgt Ion:138 Resp: 2786
Ion Ratio Lower Upper
138 100
108 0.0 10.4 15.6#
92 0.0 108.6 162.8#



#56
4-Nitrophenol
Concen: 8.780 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.023 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

Tgt Ion:139 Resp: 343
Ion Ratio Lower Upper
139 100
109 508.1 70.4 110.4#
65 149.2 107.6 147.6#

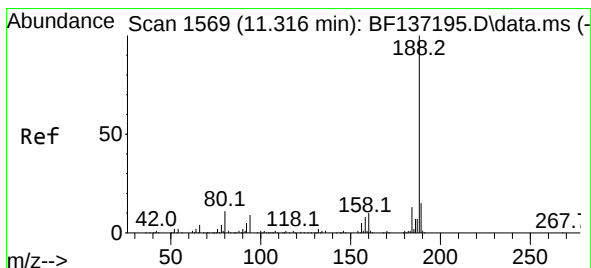
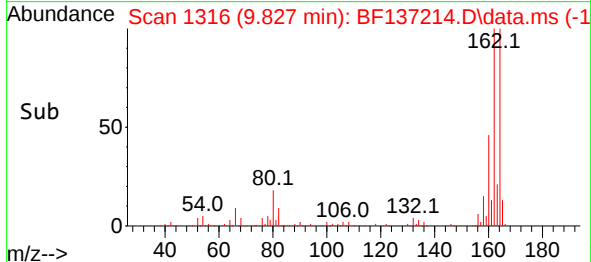
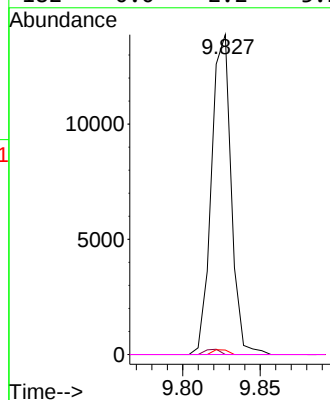
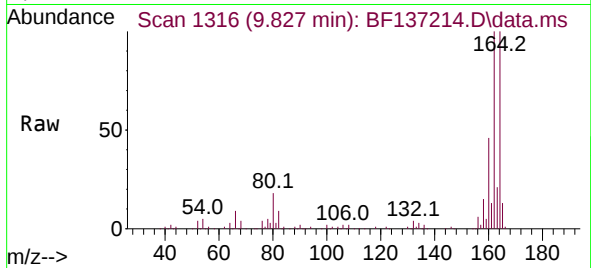




#57
2,4-Dinitrotoluene
Concen: 6.910 ng
RT: 9.827 min Scan# 1348
Delta R.T. -0.188 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

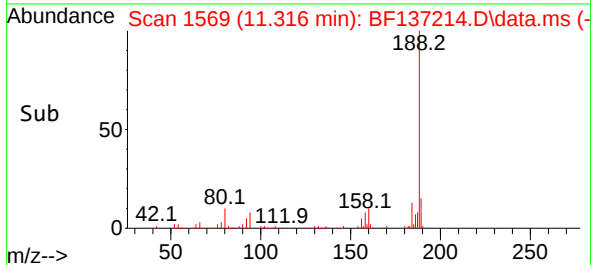
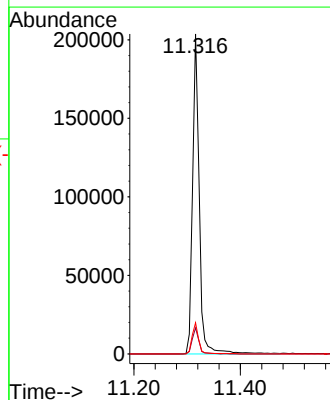
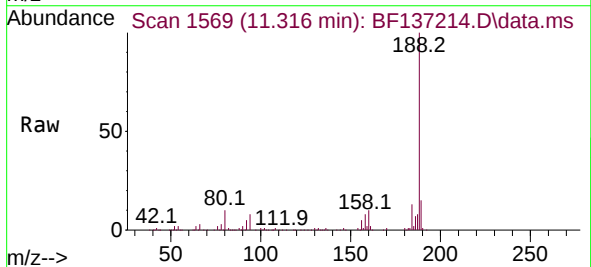
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

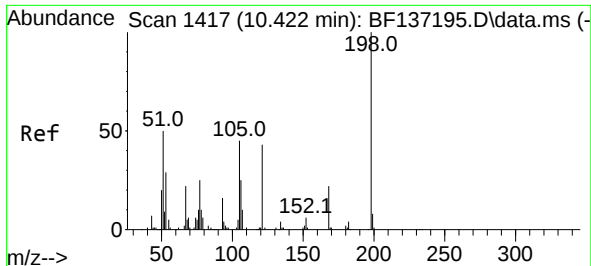
Tgt Ion:165	Resp:	12347
Ion Ratio	Lower	Upper
165	100	
63	0.0	46.1 69.1#
89	1.4	67.5 101.3#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

Tgt Ion:188	Resp:	178163
Ion Ratio	Lower	Upper
188	100	
94	8.1	7.0 10.4
80	9.7	8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.623 ng

RT: 10.616 min Scan# 1417

Delta R.T. 0.194 min

Lab File: BF137214.D

Acq: 31 Jan 2024 17:02

Instrument :

BNA_F

ClientSampleId :

WC-LIQUID-20240126

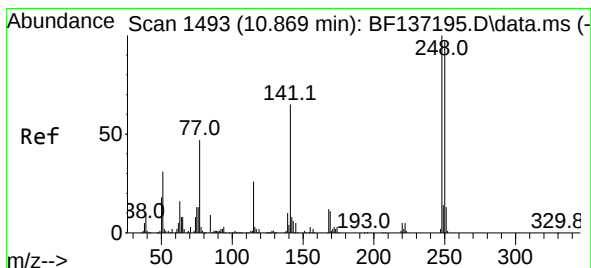
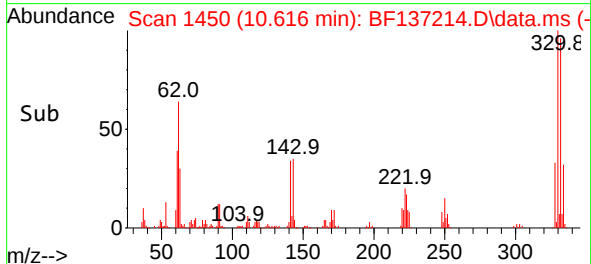
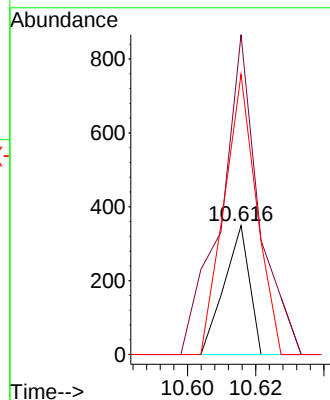
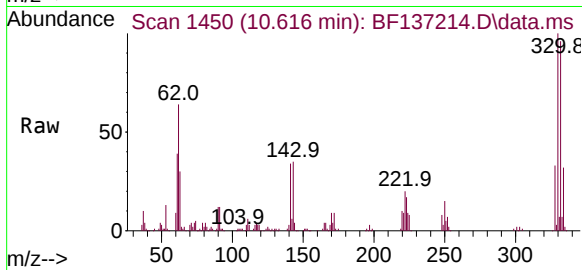
Tgt Ion:198 Resp: 179

Ion Ratio Lower Upper

198 100

51 248.1 40.9 80.9#

105 217.5 26.5 66.5#



#67

4-Bromophenyl-phenylether

Concen: 4.193 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF137214.D

Acq: 31 Jan 2024 17:02

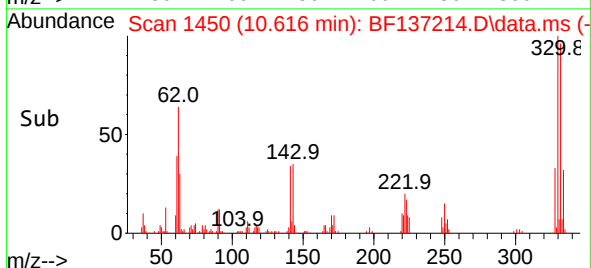
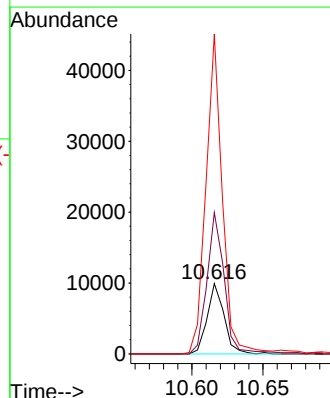
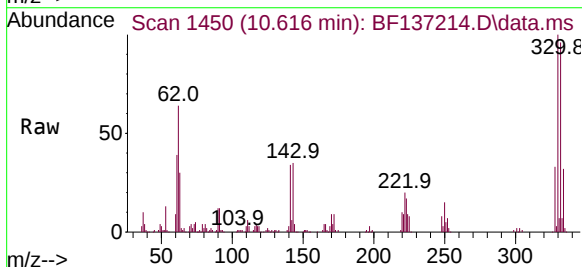
Tgt Ion:248 Resp: 8214

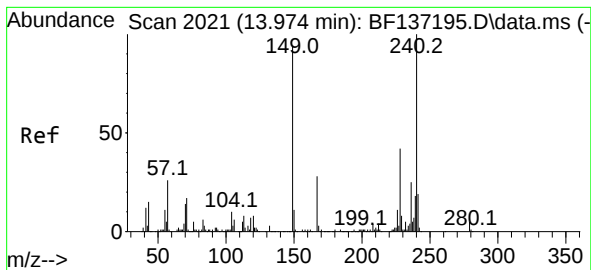
Ion Ratio Lower Upper

248 100

250 201.1 77.7 116.5#

141 455.3 51.6 77.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137214.D

Acq: 31 Jan 2024 17:02

Instrument :

BNA_F

ClientSampleId :

WC-LIQUID-20240126

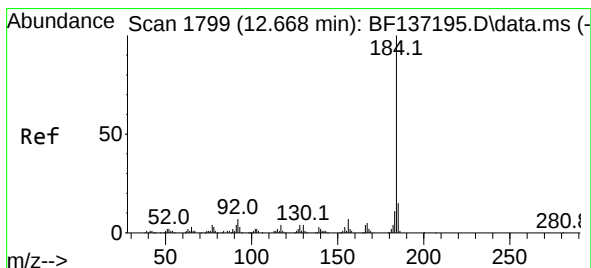
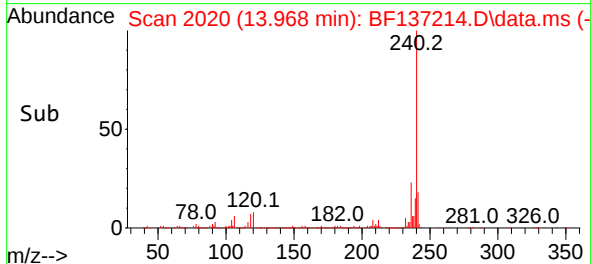
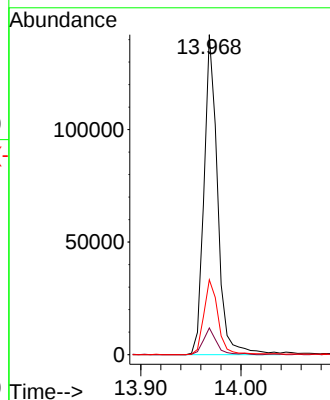
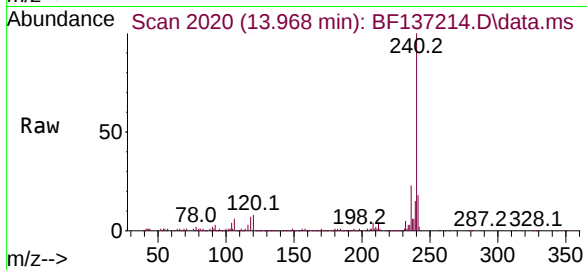
Tgt Ion:240 Resp: 133691

Ion Ratio Lower Upper

240 100

120 8.3 6.3 9.5

236 23.4 20.3 30.5



#77

Benzidine

Concen: 105.927 ng

RT: 12.668 min Scan# 1799

Delta R.T. 0.000 min

Lab File: BF137214.D

Acq: 31 Jan 2024 17:02

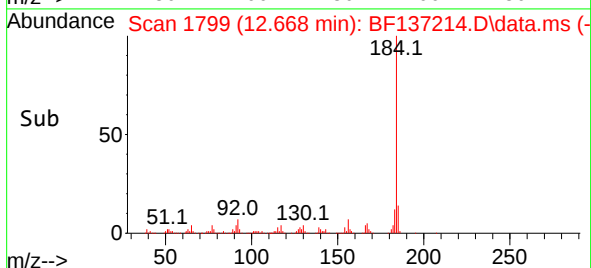
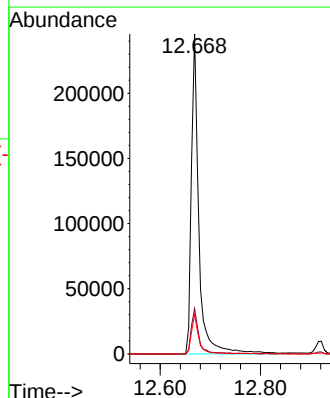
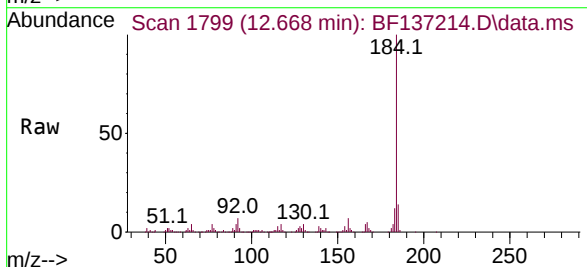
Tgt Ion:184 Resp: 253582

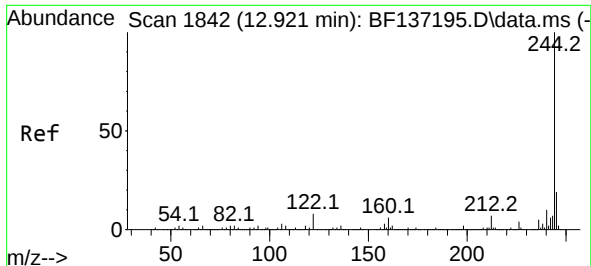
Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

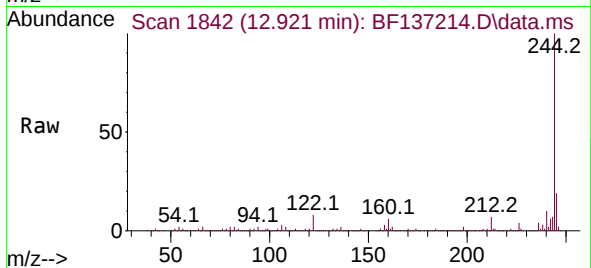
183 12.3 8.8 13.2



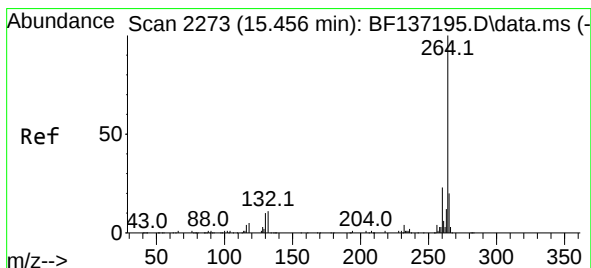
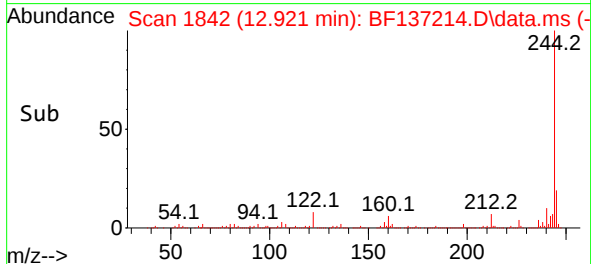
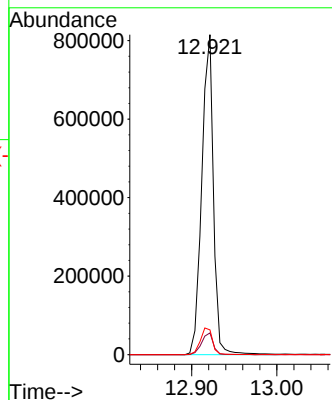


#79
 Terphenyl-d14
 Concen: 78.531 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137214.D
 Acq: 31 Jan 2024 17:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUID-20240126



Tgt Ion:244 Resp: 772294
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 7.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF137214.D
 Acq: 31 Jan 2024 17:02

Tgt Ion:264 Resp: 105985
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.4
 265 20.9 16.2 24.2

