

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)

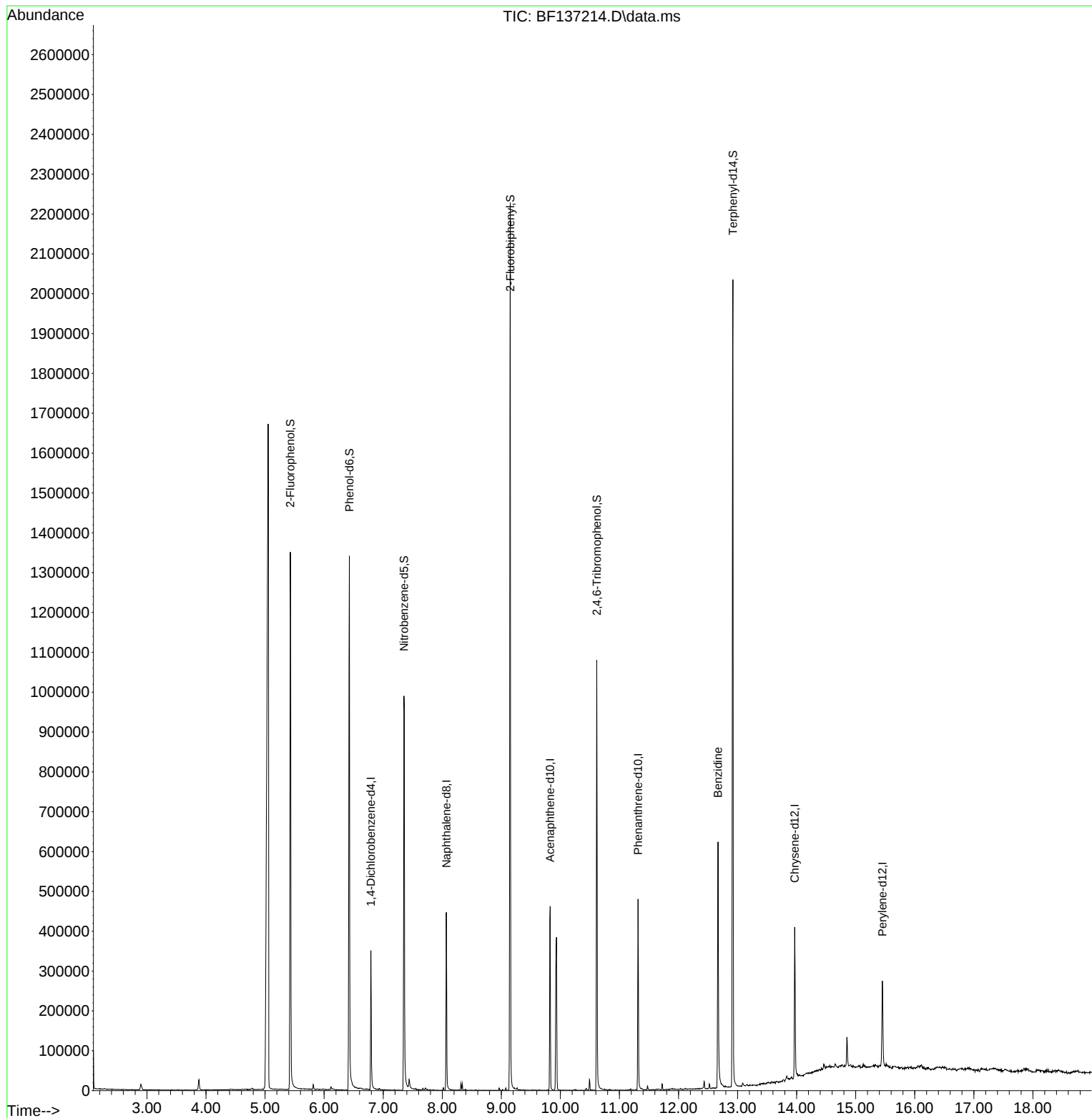
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	48118	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	177751	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	95591	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	178163	20.000	ng	0.00
76) Chrysene-d12	13.968	240	133691	20.000	ng	0.00
86) Perylene-d12	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						
77) Benzidine	12.668	184	253582	105.927	ng	Qvalue 98

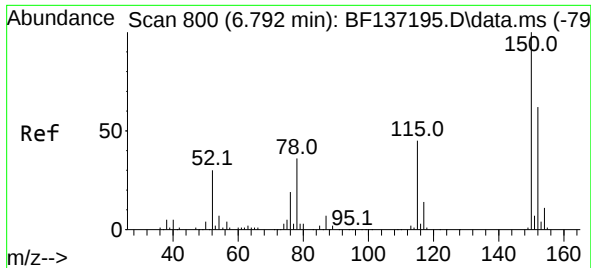
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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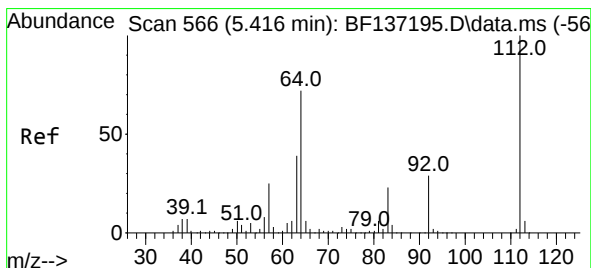
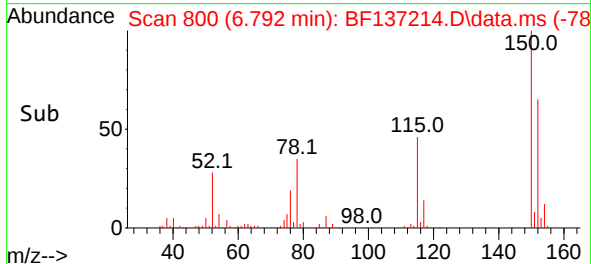
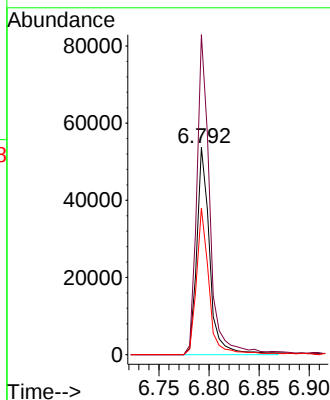
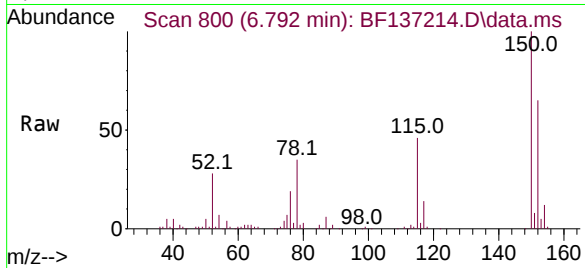




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF137214.D
 Acq: 31 Jan 2024 17:02

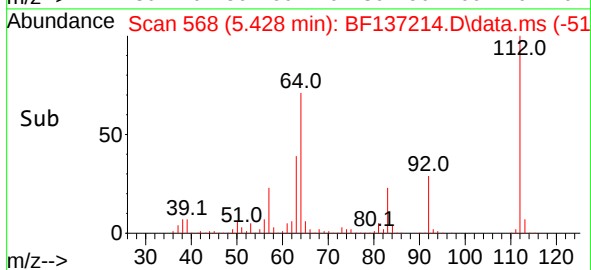
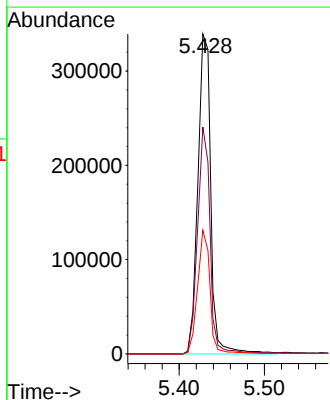
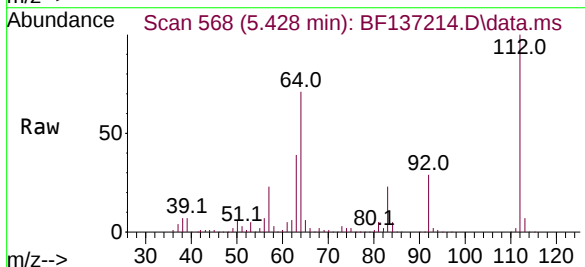
Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUID-20240126

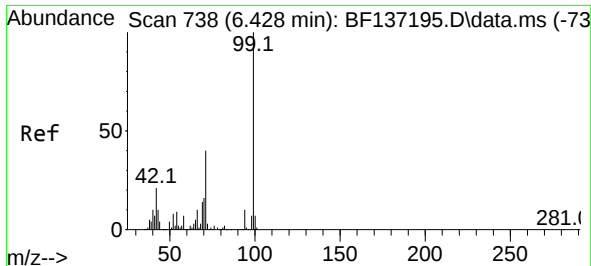
Tgt Ion:152 Resp: 48118
 Ion Ratio Lower Upper
 152 100
 150 154.5 129.8 194.8
 115 70.7 58.5 87.7



#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

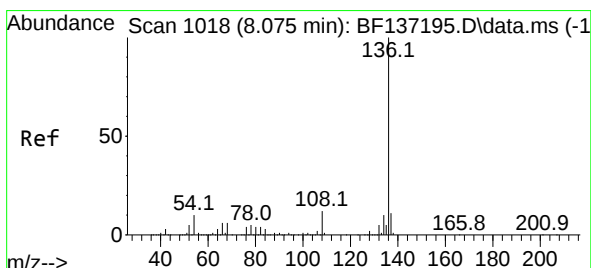
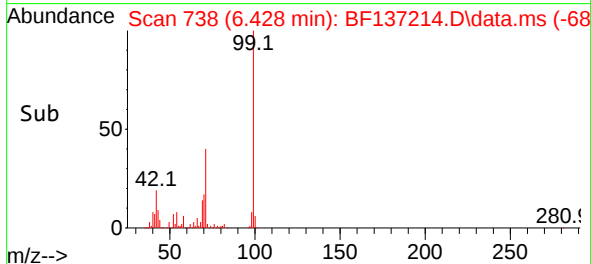
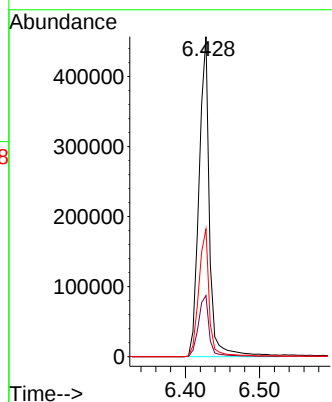
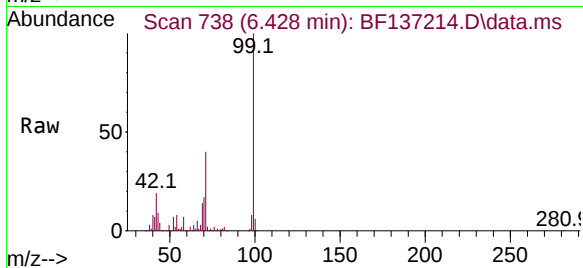




#7
Phenol-d6
Concen: 108.105 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

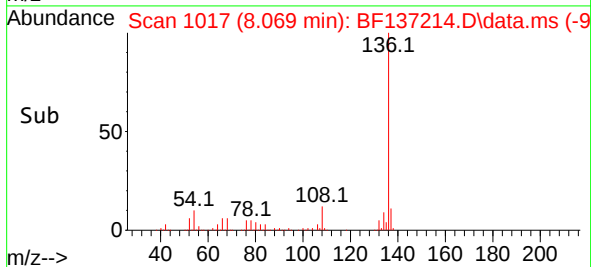
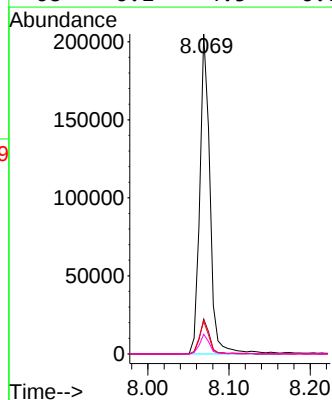
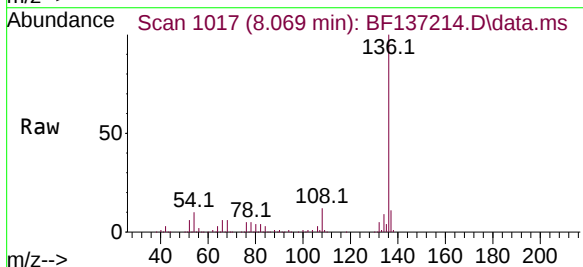
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

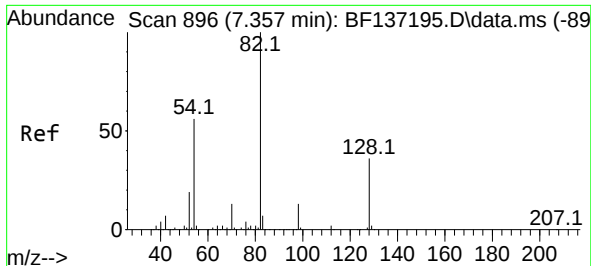
Tgt Ion: 99 Resp: 449888
Ion Ratio Lower Upper
99 100
42 19.1 16.4 24.6
71 39.9 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

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

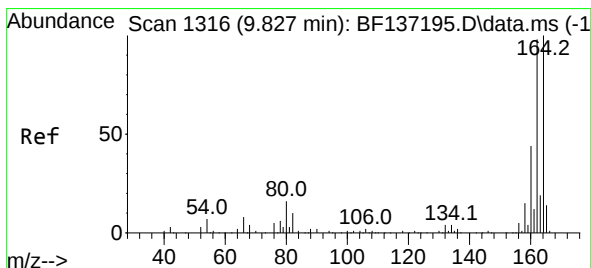
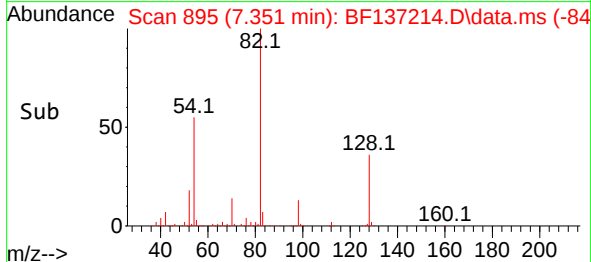
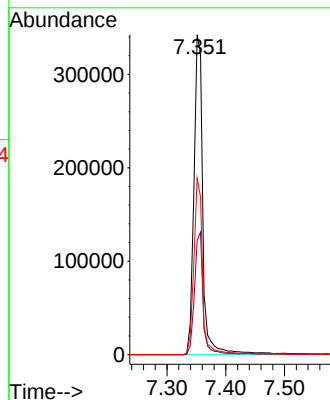
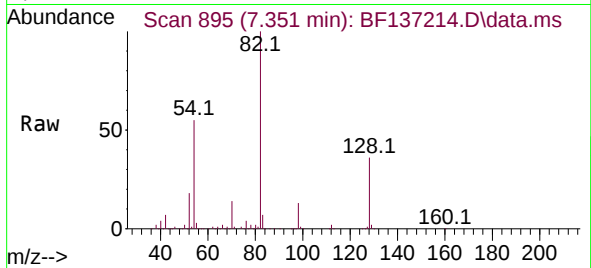




#23
Nitrobenzene-d5
Concen: 91.218 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

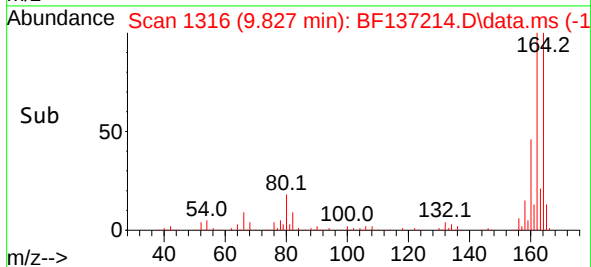
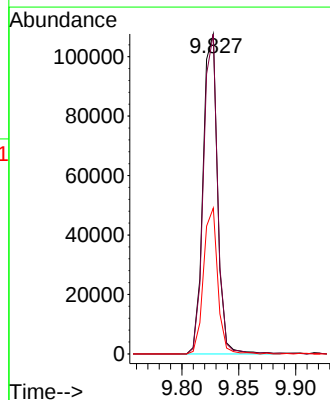
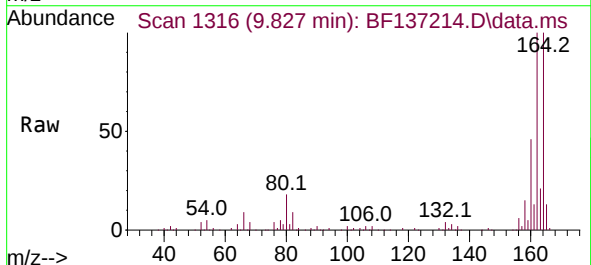
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

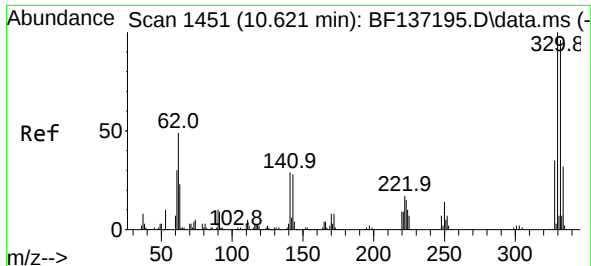
Tgt Ion: 82 Resp: 362150
Ion Ratio Lower Upper
82 100
128 35.7 29.1 43.7
54 55.1 45.0 67.6



#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

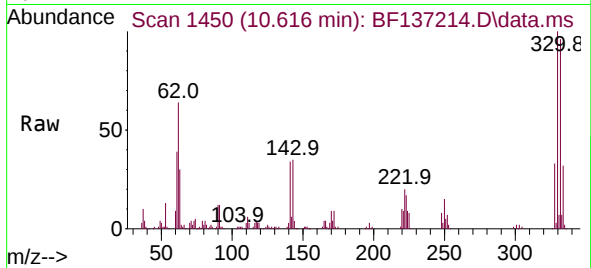
Tgt Ion: 164 Resp: 95591
Ion Ratio Lower Upper
164 100
162 100.0 78.3 117.5
160 45.6 35.4 53.2



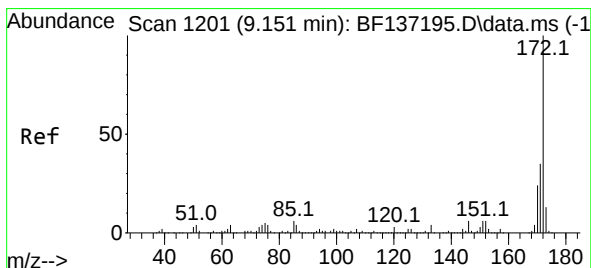
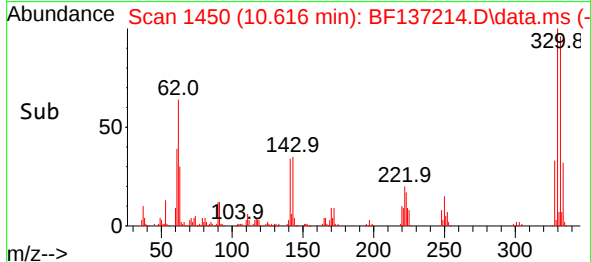
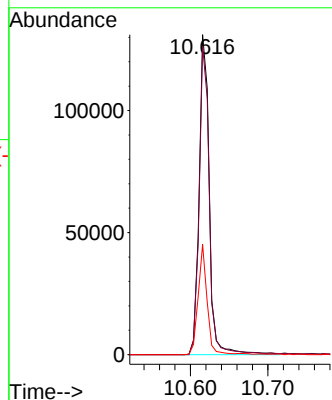


#42
2,4,6-Tribromophenol
Concen: 110.778 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

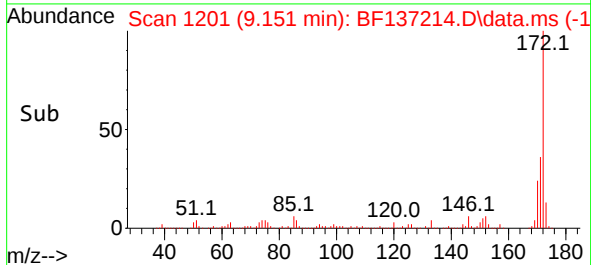
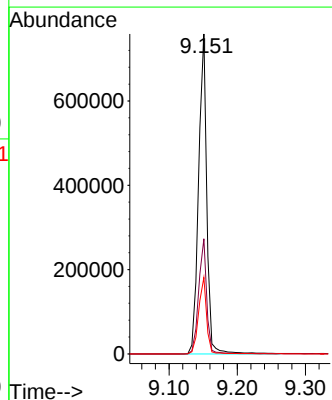
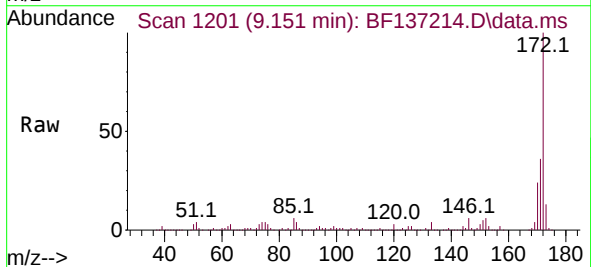


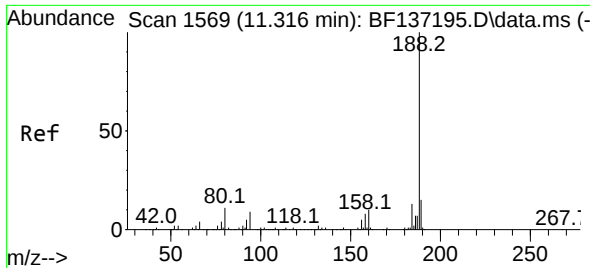
Tgt Ion:330 Resp: 119591
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 30.1 25.2 37.8



#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

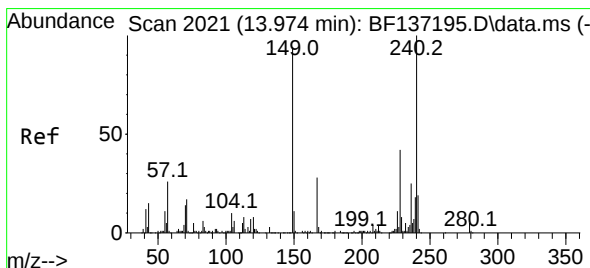
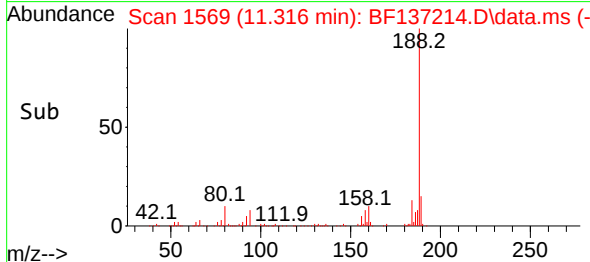
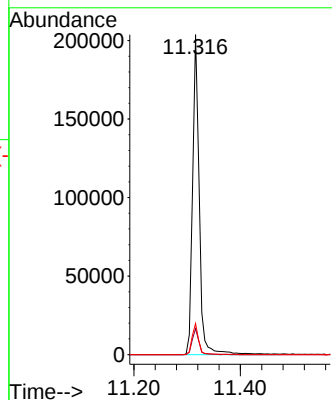
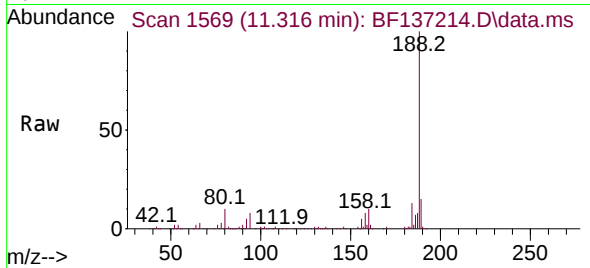




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 111
Delta R.T. -0.000 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

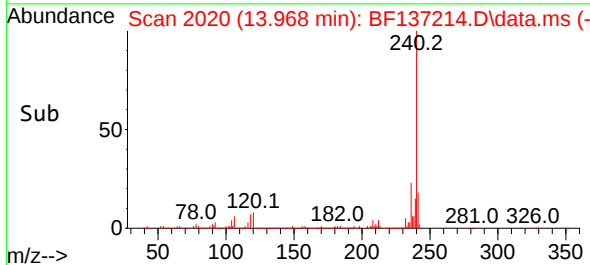
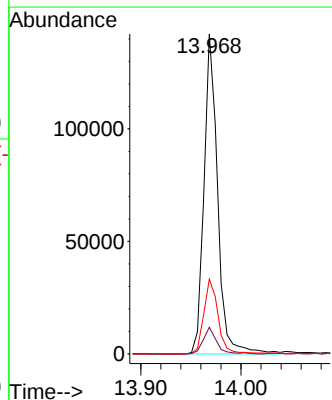
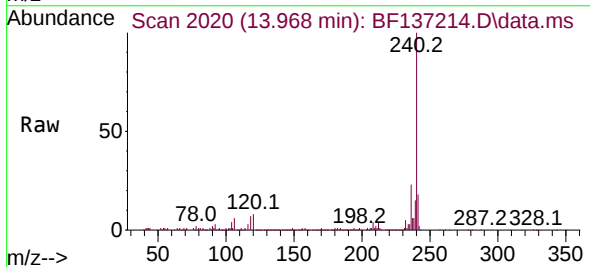
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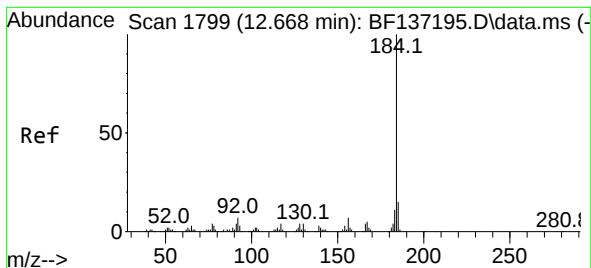
Tgt Ion:188 Resp: 178163
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 9.7 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137214.D
Acq: 31 Jan 2024 17:02

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

Instrument :

BNA_F

ClientSampleId :

WC-LIQUID-20240126

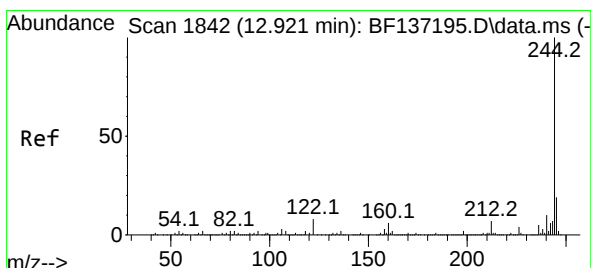
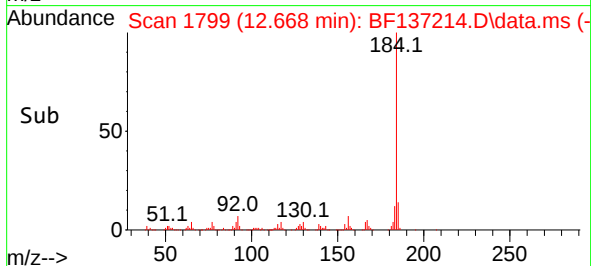
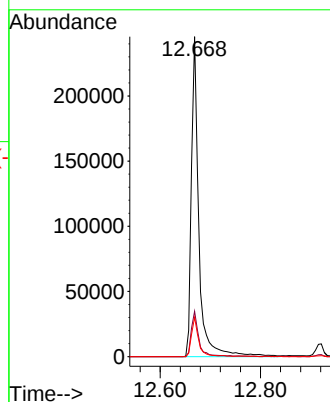
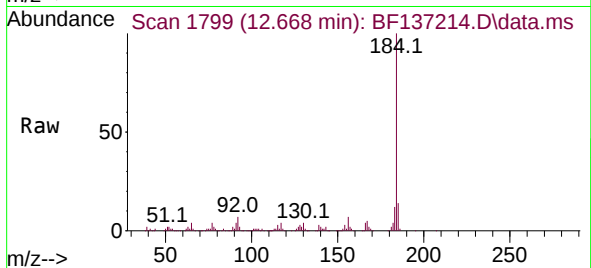
Tgt Ion:184 Resp: 253582

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

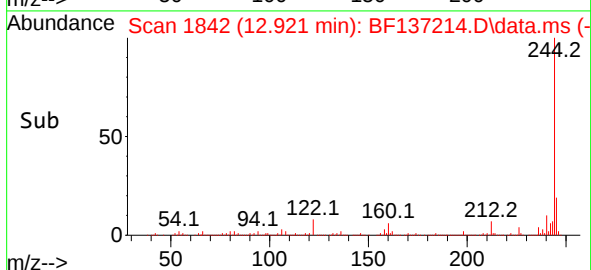
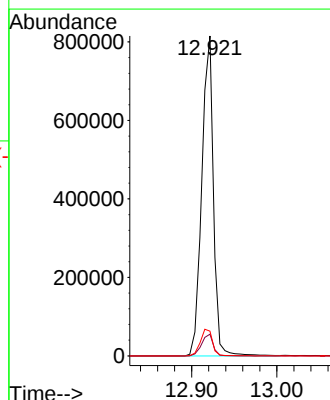
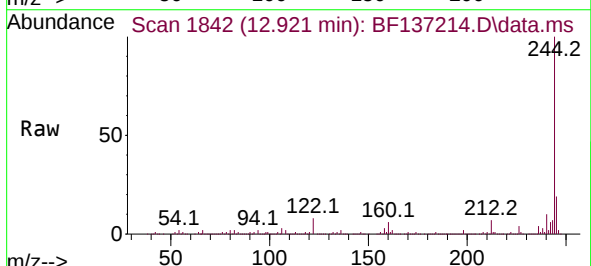
Tgt Ion:244 Resp: 772294

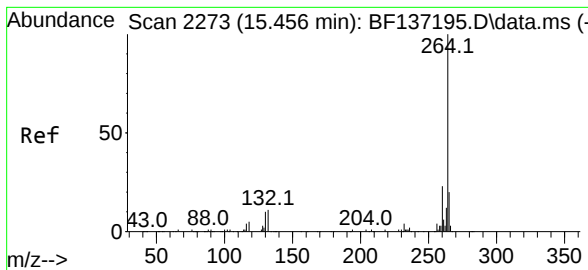
Ion Ratio Lower Upper

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# 21
 Delta R.T. -0.006 min
 Lab File: BF137214.D
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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

