

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137728.D
 Acq On : 24 Apr 2024 20:30
 Operator : CG\JU
 Sample : P2226-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATERRE

Quant Time: Apr 25 04:20:59 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)

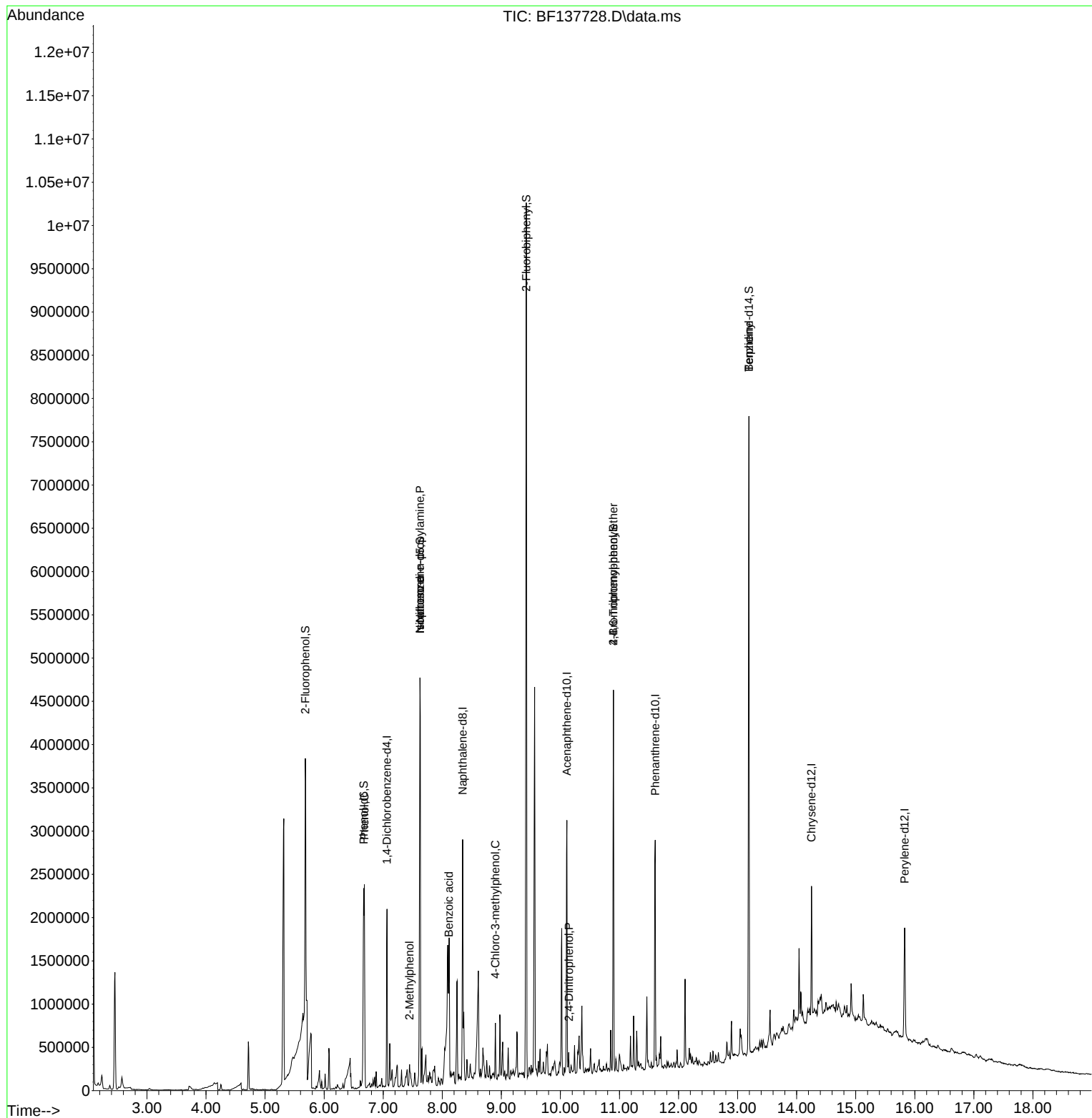
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	285671	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1136938	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	604286	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	901316	20.000	ng	0.00
76) Chrysene-d12	14.251	240	485789	20.000	ng	0.00
86) Perylene-d12	15.827	264	604041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	825845	43.914	ng	0.00
7) Phenol-d6	6.669	99	690471	28.912	ng	0.00
23) Nitrobenzene-d5	7.622	82	1770823	82.679	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	505687	82.931	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3193504	78.965	ng	0.00
79) Terphenyl-d14	13.192	244	2532756	83.918	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.681	94	578528	24.249	ng	97
17) 2-Methylphenol	7.445	107	42619	2.444	ng	85
19) n-Nitroso-di-n-propyla...	7.622	70	242051	15.674	ng	# 78
25) Isophorone	7.622	82	1764586	44.361	ng	# 64
32) Benzoic acid	8.110	122	705122	58.128	ng	88
36) 4-Chloro-3-methylphenol	8.898	107	71398	4.009	ng	# 22
54) 2,4-Dinitrophenol	10.145	184	75	5.604	ng	# 1
67) 4-Bromophenyl-phenylether	10.898	248	33752	3.232	ng	# 1
77) Benzidine	13.192	184	30983	2.731	ng	# 96

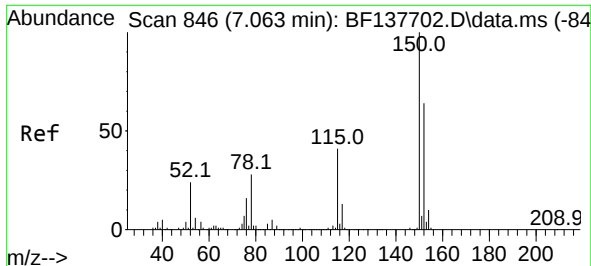
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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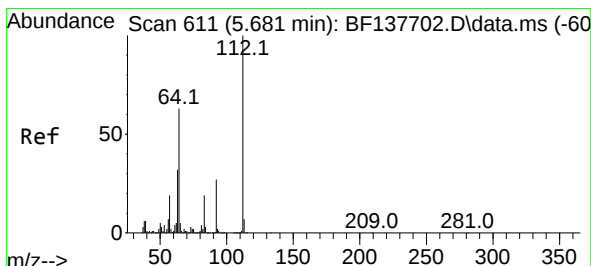
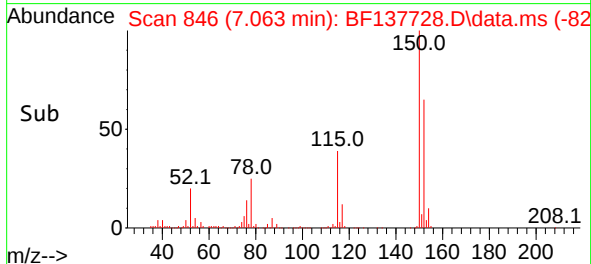
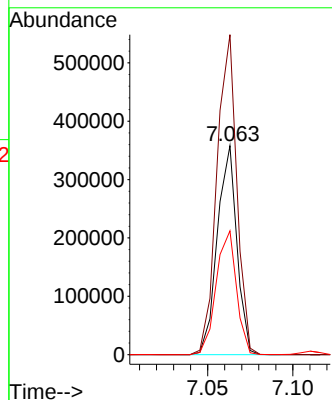
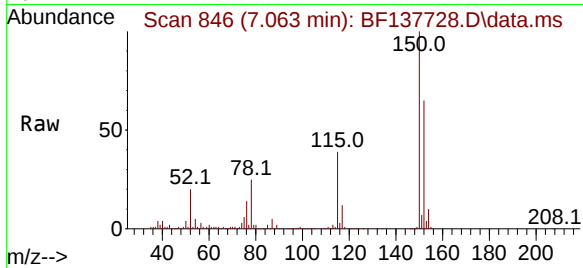




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

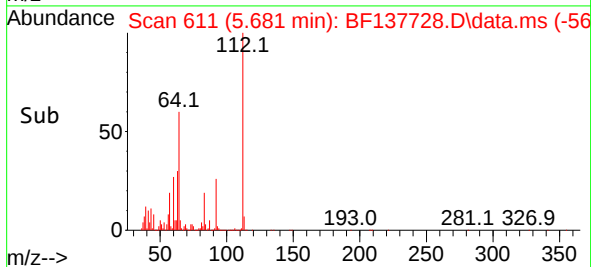
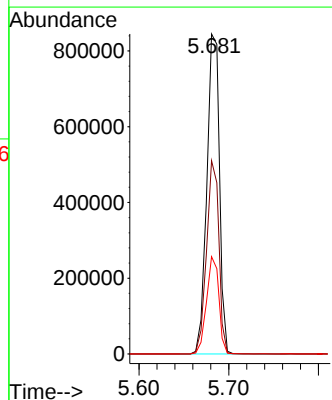
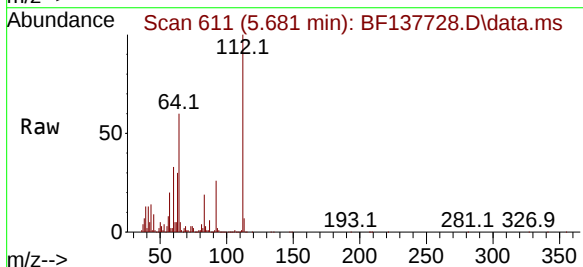
Instrument :
BNA_F
ClientSampleId :
GROUND-WATERRE

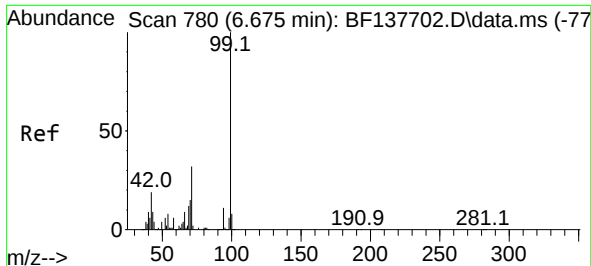
Tgt Ion:152 Resp: 285671
Ion Ratio Lower Upper
152 100
150 153.2 124.2 186.4
115 59.3 50.8 76.2



#5
2-Fluorophenol
Concen: 43.914 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

Tgt Ion:112 Resp: 825845
Ion Ratio Lower Upper
112 100
64 60.4 50.1 75.1
63 30.4 25.2 37.8

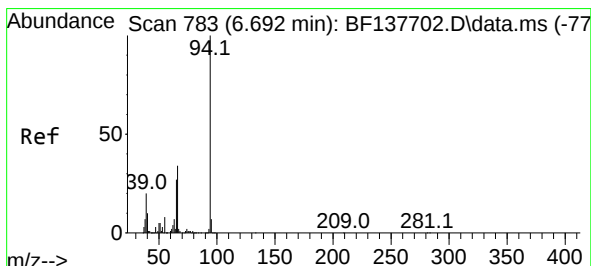
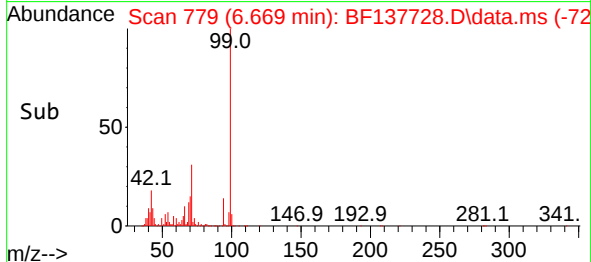
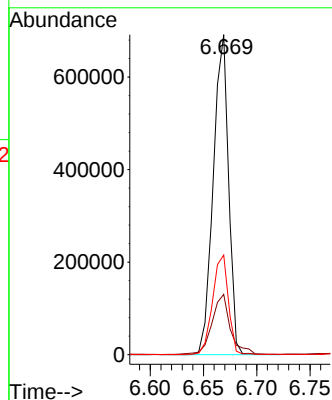
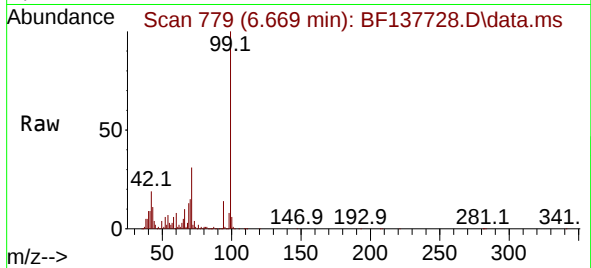




#7
Phenol-d6
Concen: 28.912 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

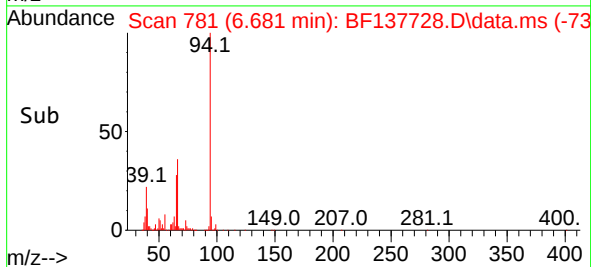
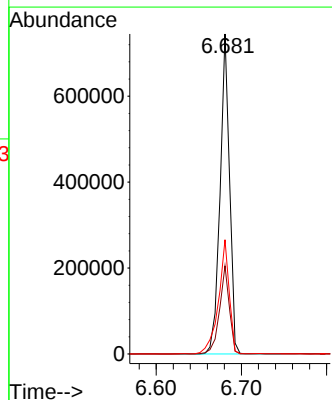
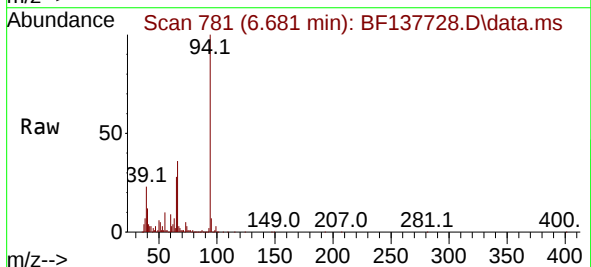
Instrument :
BNA_F
ClientSampleId :
GROUND-WATERRE

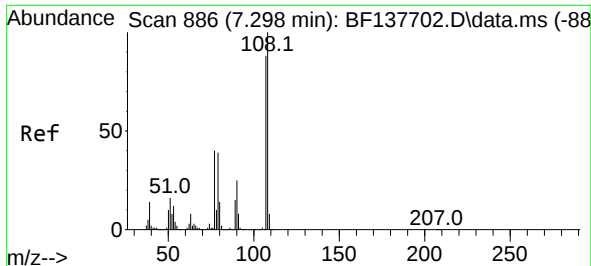
Tgt Ion: 99 Resp: 690471
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 31.1 25.7 38.5



#10
Phenol
Concen: 24.249 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.012 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

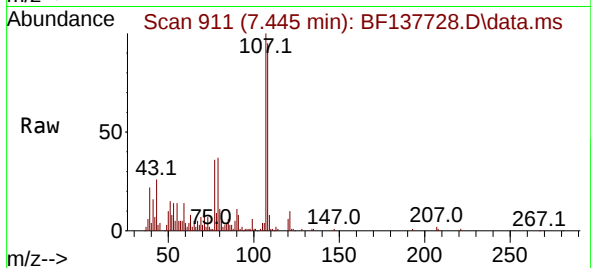
Tgt Ion: 94 Resp: 578528
Ion Ratio Lower Upper
94 100
65 27.6 6.5 46.5
66 35.7 13.9 53.9



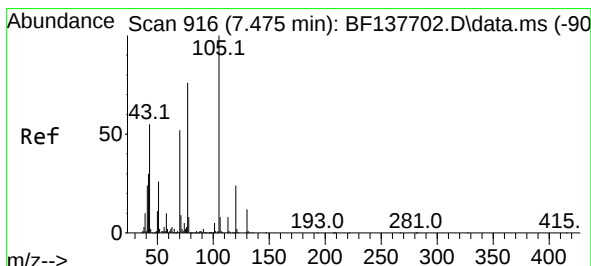
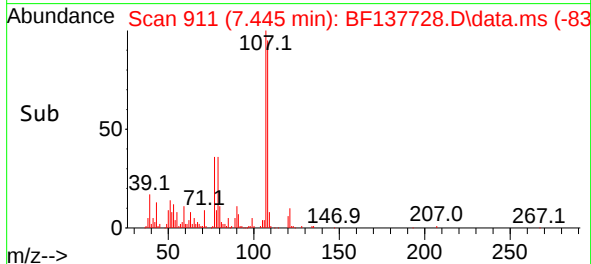
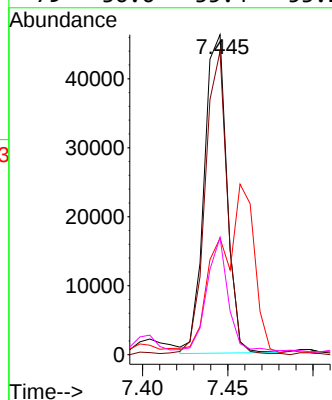


#17
2-Methylphenol
Concen: 2.444 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

Instrument :
BNA_F
ClientSampleId :
GROUND-WATERRE

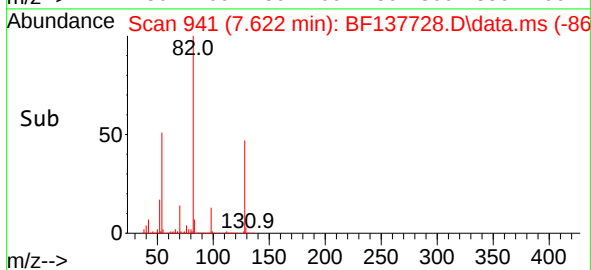
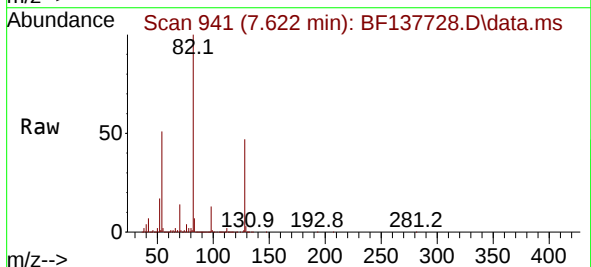
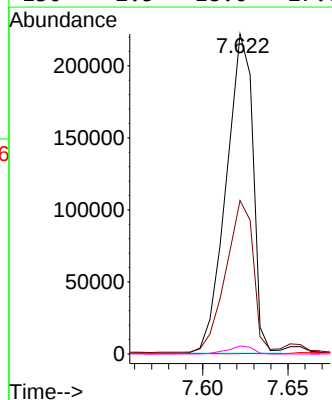


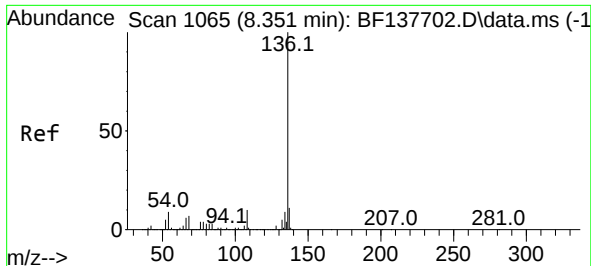
Tgt Ion:	107	Resp:	42619
Ion	Ratio	Lower	Upper
107	100		
108	94.8	90.6	135.8
77	36.4	35.8	53.8
79	36.6	35.4	53.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.674 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

Tgt Ion:	70	Resp:	242051
Ion	Ratio	Lower	Upper
70	100		
42	47.9	45.9	68.9
101	0.1	8.0	12.0#
130	2.5	18.0	27.0#

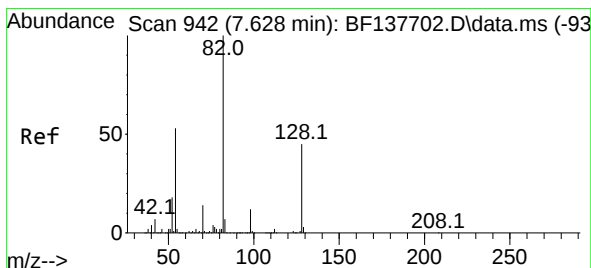
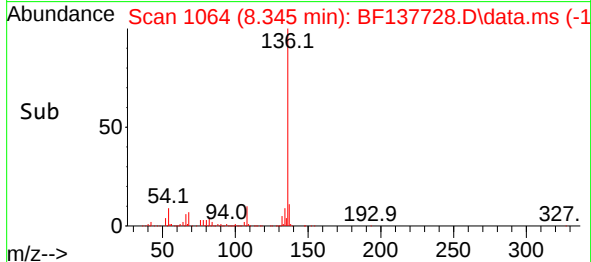
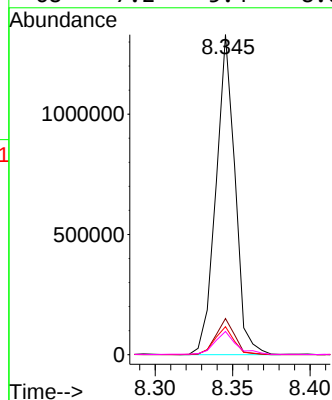
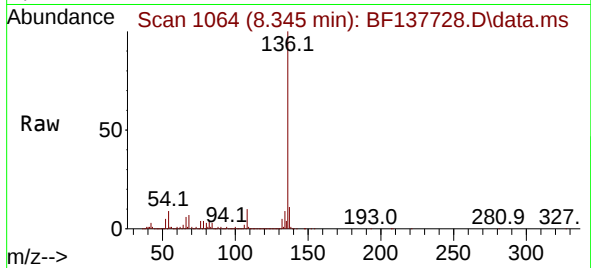




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

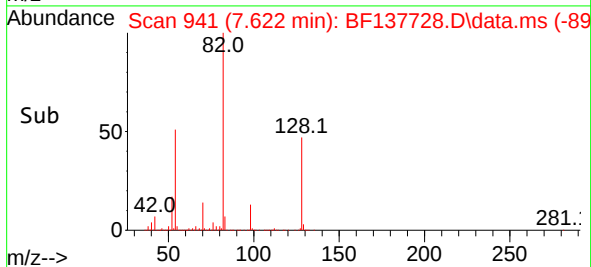
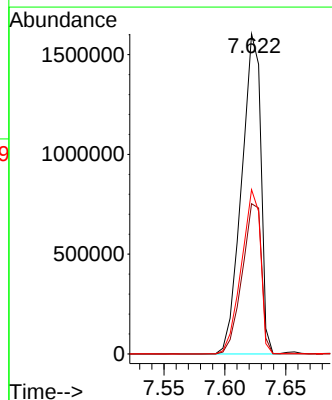
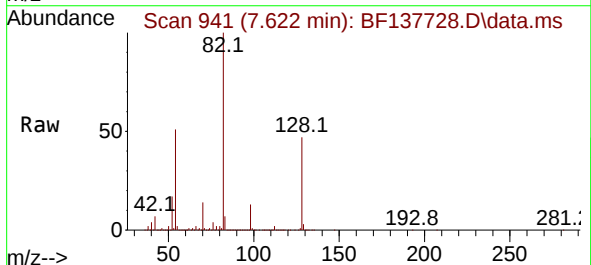
Instrument :
BNA_F
ClientSampleId :
GROUND-WATERRE

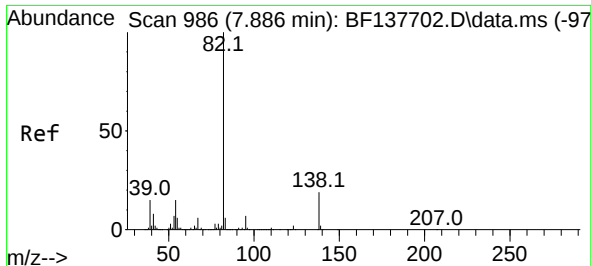
Tgt Ion:136 Resp: 1136938
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.8 6.9 10.3
68 7.2 5.4 8.0



#23
Nitrobenzene-d5
Concen: 82.679 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

Tgt Ion: 82 Resp: 1770823
Ion Ratio Lower Upper
82 100
128 46.9 35.8 53.6
54 51.3 42.5 63.7

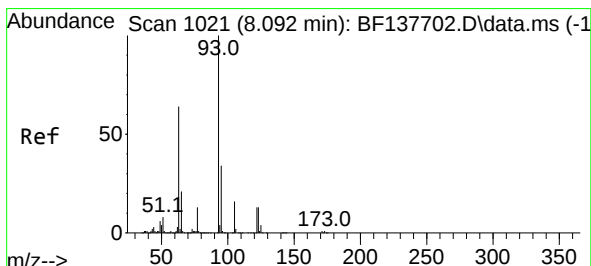
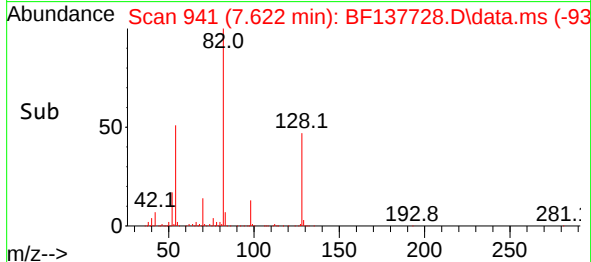
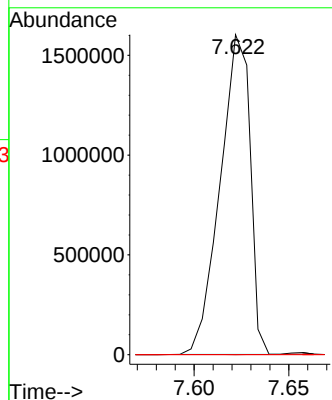
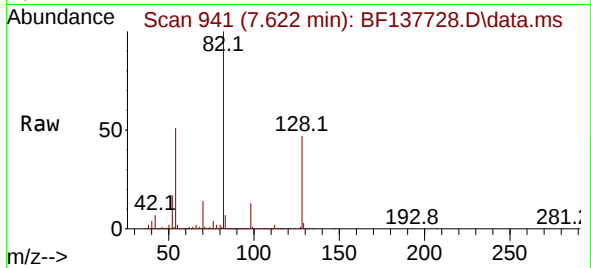




#25
Isophorone
Concen: 44.361 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

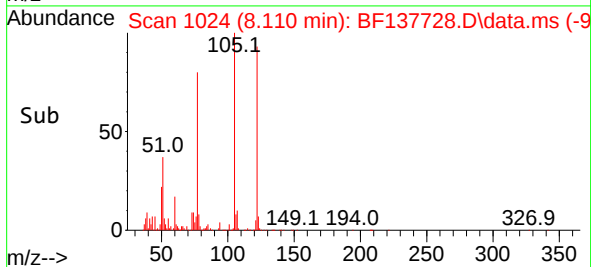
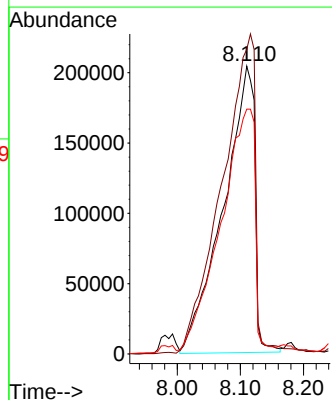
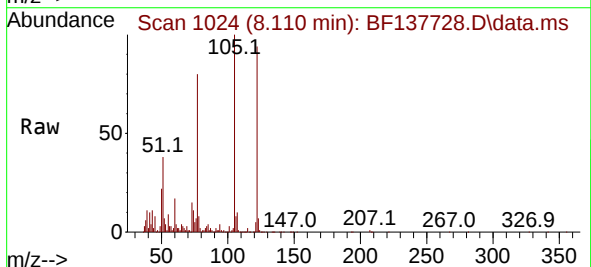
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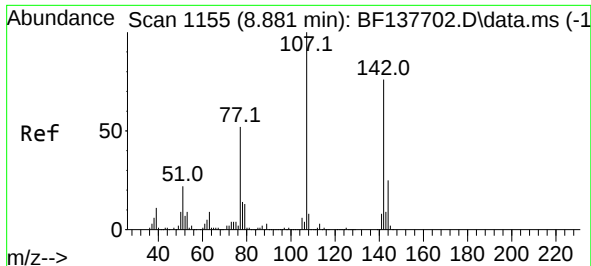
Tgt Ion: 82 Resp: 1764586
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 58.128 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.018 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

Tgt Ion:122 Resp: 705122
Ion Ratio Lower Upper
122 100
105 105.8 101.1 141.1
77 85.0 75.7 115.7

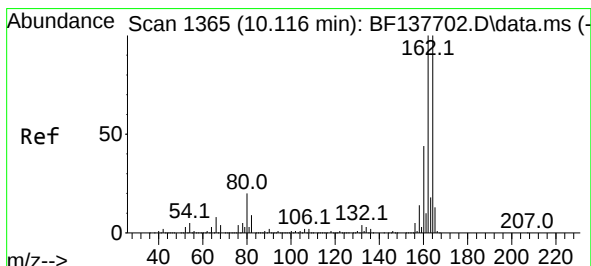
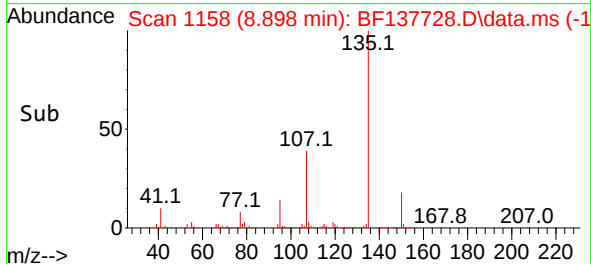
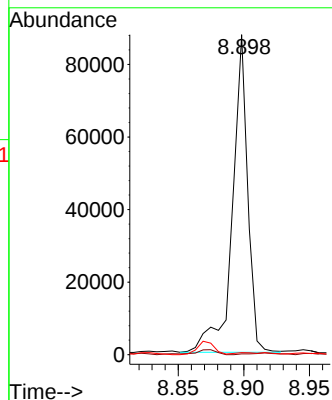
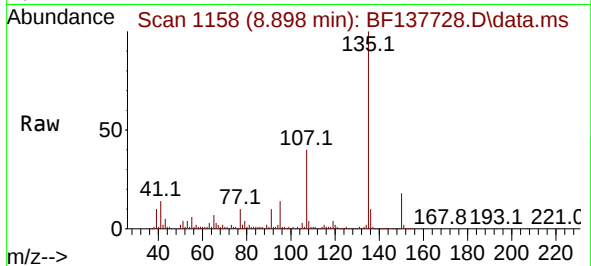




#36
4-Chloro-3-methylphenol
Concen: 4.009 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.018 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

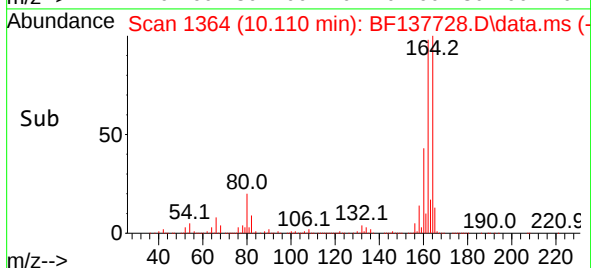
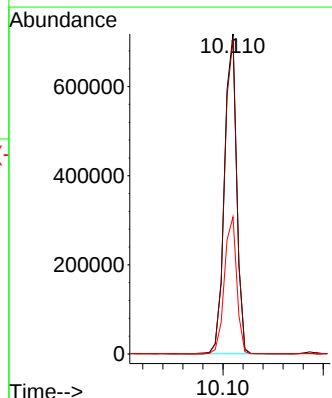
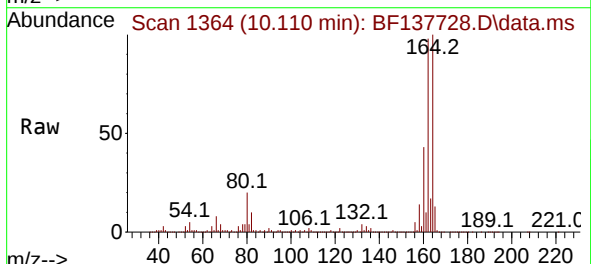
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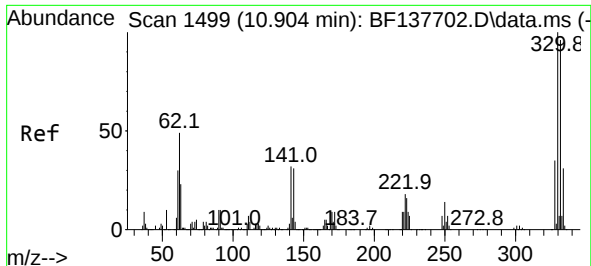
Tgt Ion:107 Resp: 71398
Ion Ratio Lower Upper
107 100
144 0.2 19.8 29.8#
142 0.6 60.5 90.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

Tgt Ion:164 Resp: 604286
Ion Ratio Lower Upper
164 100
162 98.3 80.3 120.5
160 42.8 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 82.931 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF137728.D

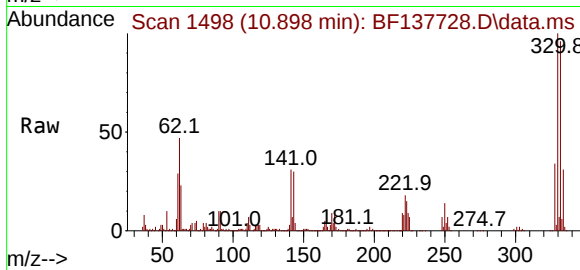
Acq: 24 Apr 2024 20:30

Instrument :

BNA_F

ClientSampleId :

GROUND-WATERRE



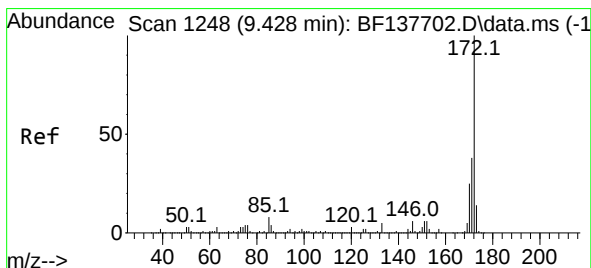
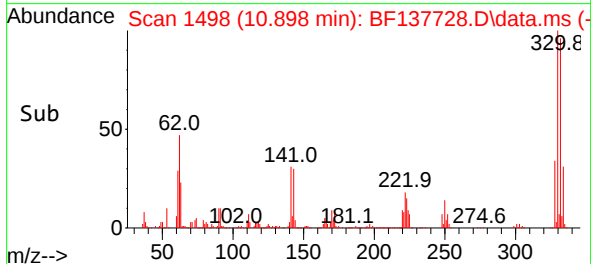
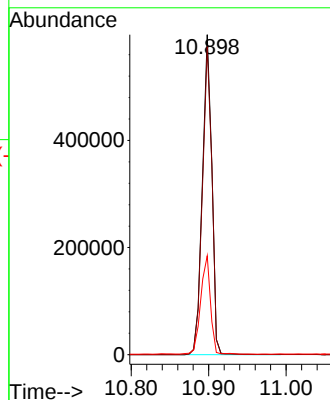
Tgt Ion:330 Resp: 505687

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 31.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 78.965 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137728.D

Acq: 24 Apr 2024 20:30

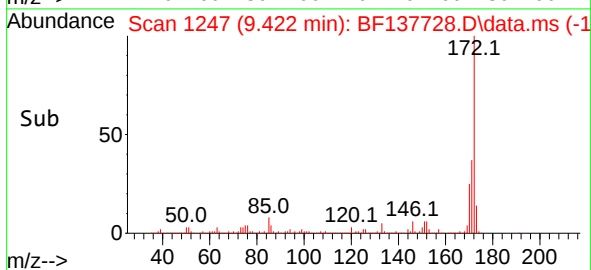
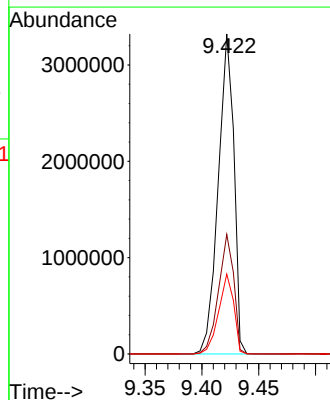
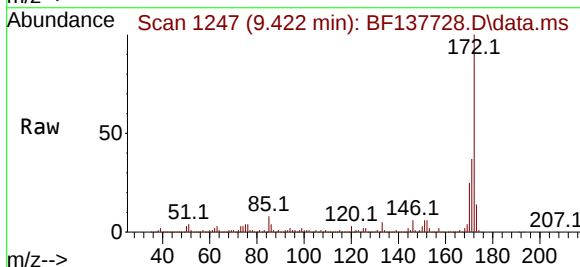
Tgt Ion:172 Resp: 3193504

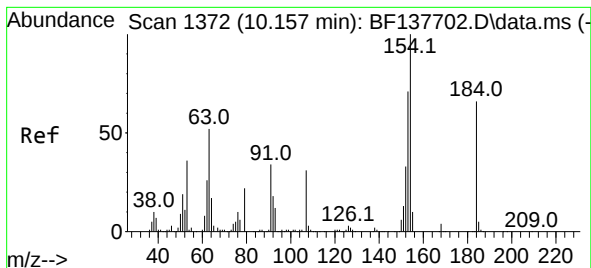
Ion Ratio Lower Upper

172 100

171 37.4 30.2 45.4

170 25.0 20.2 30.4

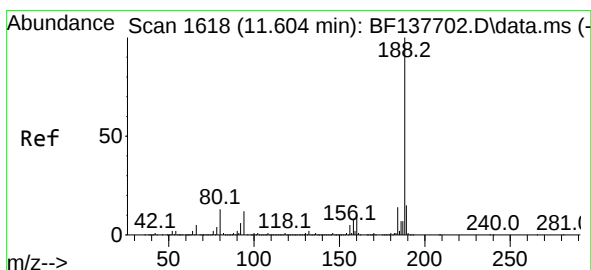
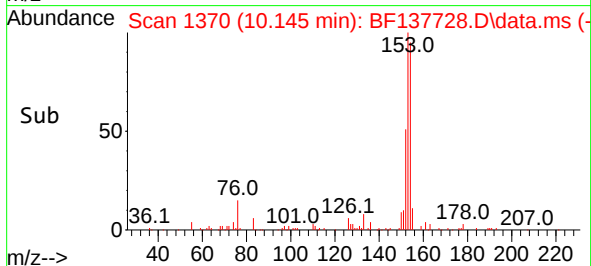
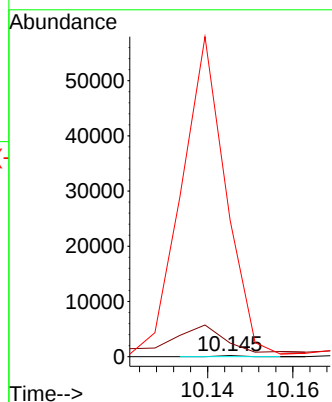
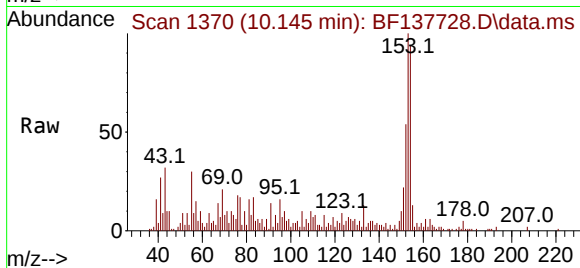




#54
2,4-Dinitrophenol
Concen: 5.604 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

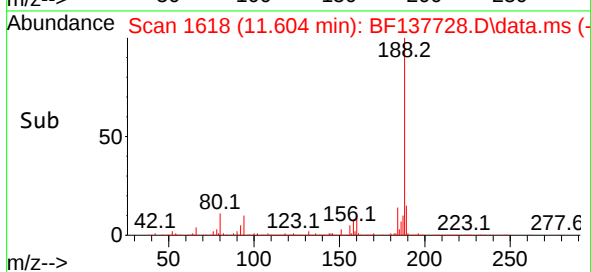
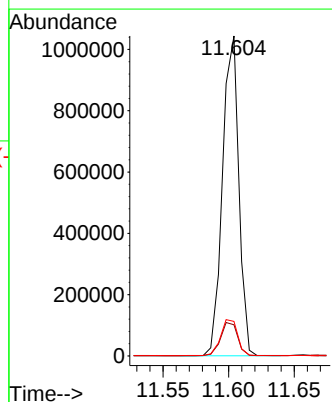
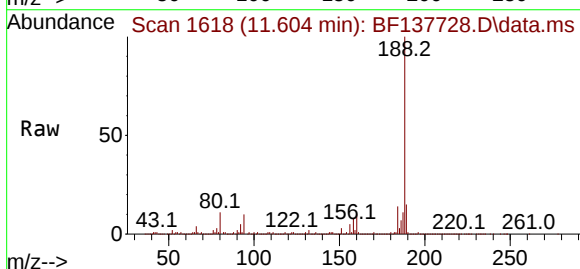
Instrument :
BNA_F
ClientSampleId :
GROUND-WATERRE

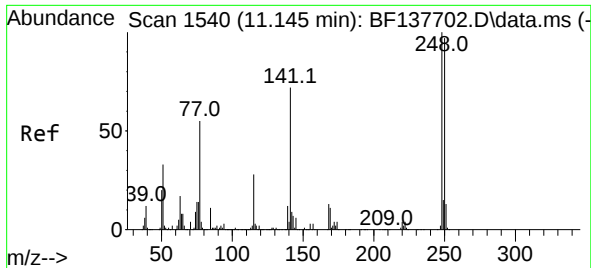
Tgt Ion:184 Resp: 75
Ion Ratio Lower Upper
184 100
63 1162.7 63.5 95.3#
154 11660.4 123.0 184.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

Tgt Ion:188 Resp: 901316
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.8 10.2 15.4

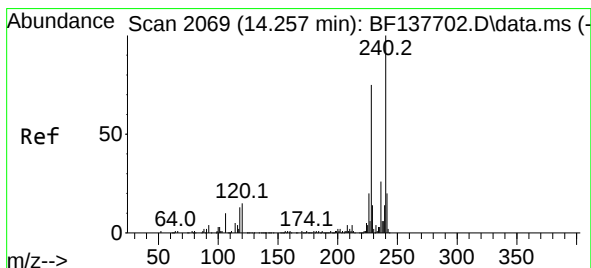
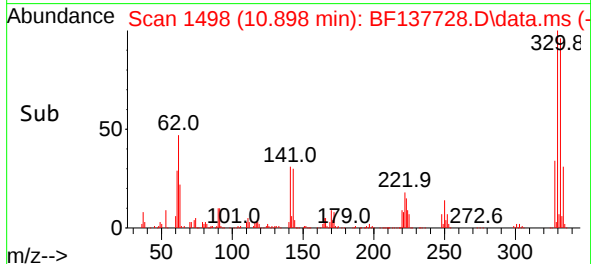
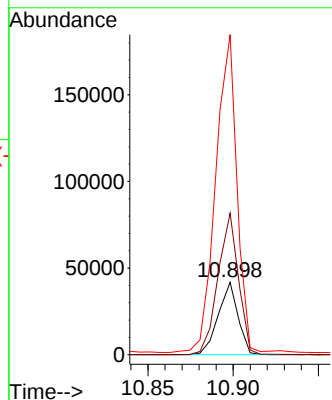
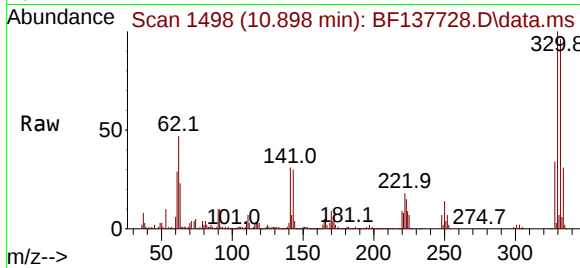




#67
4-Bromophenyl-phenylether
Concen: 3.232 ng
RT: 10.898 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

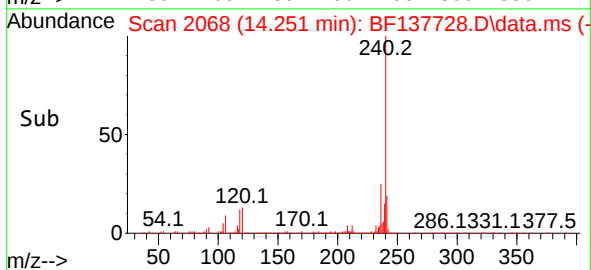
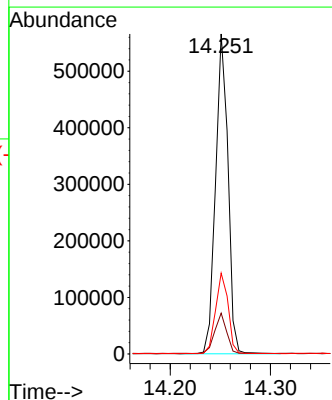
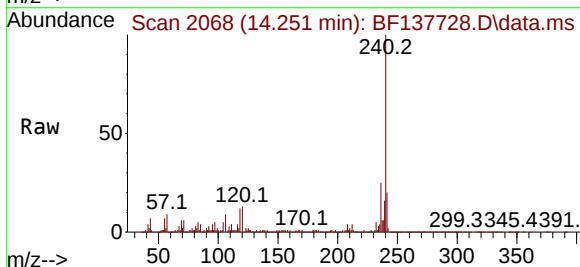
Instrument :
BNA_F
ClientSampleId :
GROUND-WATERRE

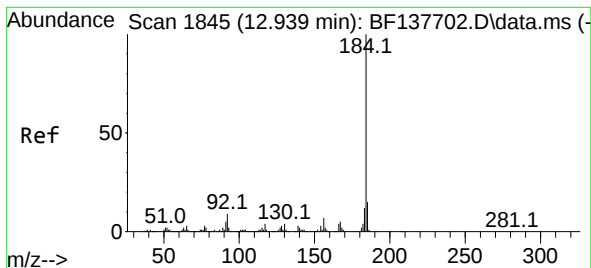
Tgt Ion:248 Resp: 33752
Ion Ratio Lower Upper
248 100
250 195.8 77.4 116.0#
141 442.4 57.9 86.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

Tgt Ion:240 Resp: 485789
Ion Ratio Lower Upper
240 100
120 12.7 11.9 17.9
236 25.3 20.8 31.2





#77

Benzidine

Concen: 2.731 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.253 min

Lab File: BF137728.D

Acq: 24 Apr 2024 20:30

Instrument :

BNA_F

ClientSampleId :

GROUND-WATERRE

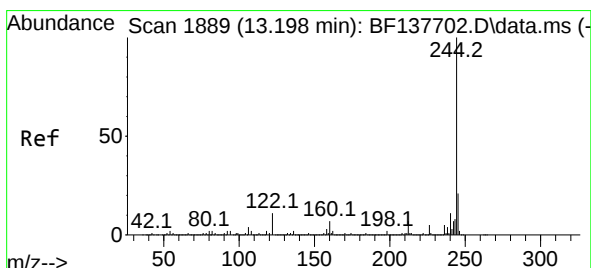
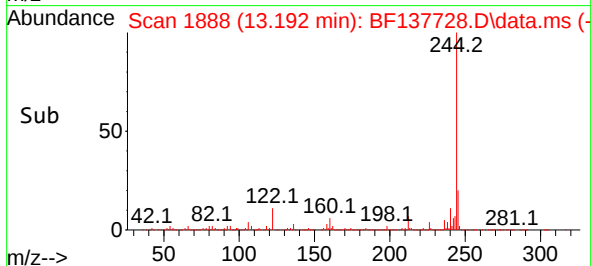
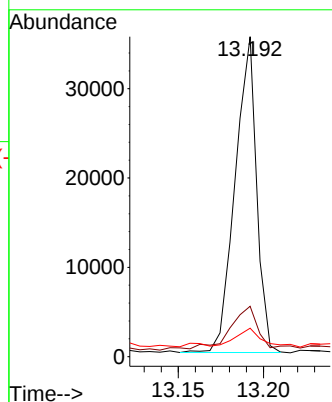
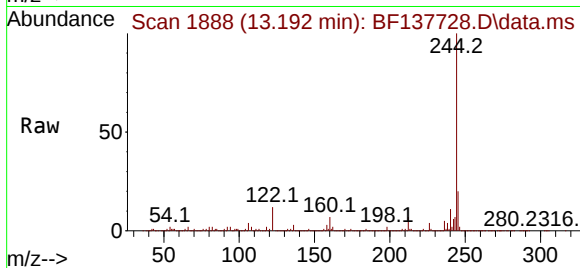
Tgt Ion:184 Resp: 30983

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.4

183 8.9 9.4 14.0#



#79

Terphenyl-d14

Concen: 83.918 ng

RT: 13.192 min Scan# 1888

Delta R.T. -0.006 min

Lab File: BF137728.D

Acq: 24 Apr 2024 20:30

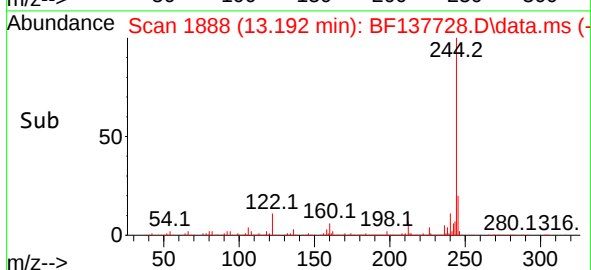
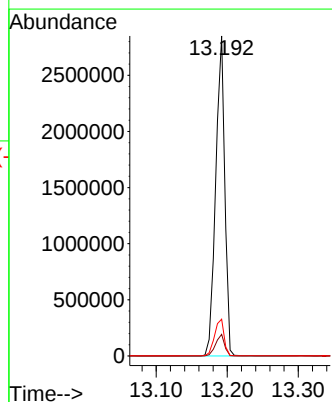
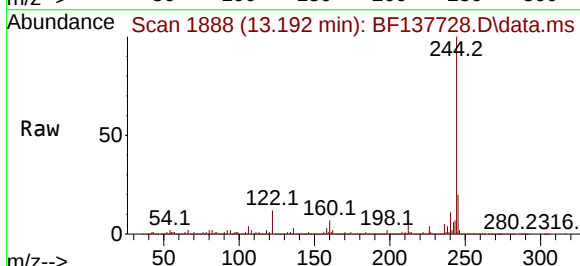
Tgt Ion:244 Resp: 2532756

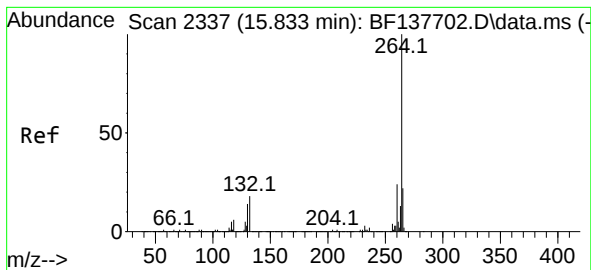
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

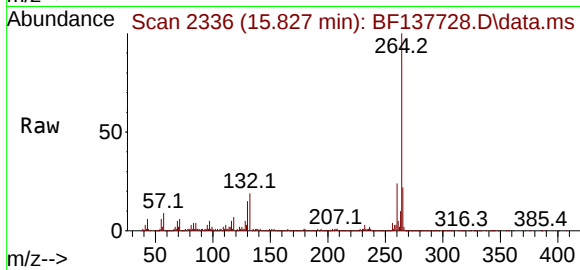
122 11.5 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.827 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137728.D
Acq: 24 Apr 2024 20:30

Instrument :
BNA_F
ClientSampleId :
GROUND-WATERRE



Tgt Ion:264 Resp: 604041

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.7	17.5	26.3

