

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137629.D
 Acq On : 18 Mar 2024 14:08
 Operator : CG\JU
 Sample : P1773-02DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6ADL

Quant Time: Mar 18 14:25:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

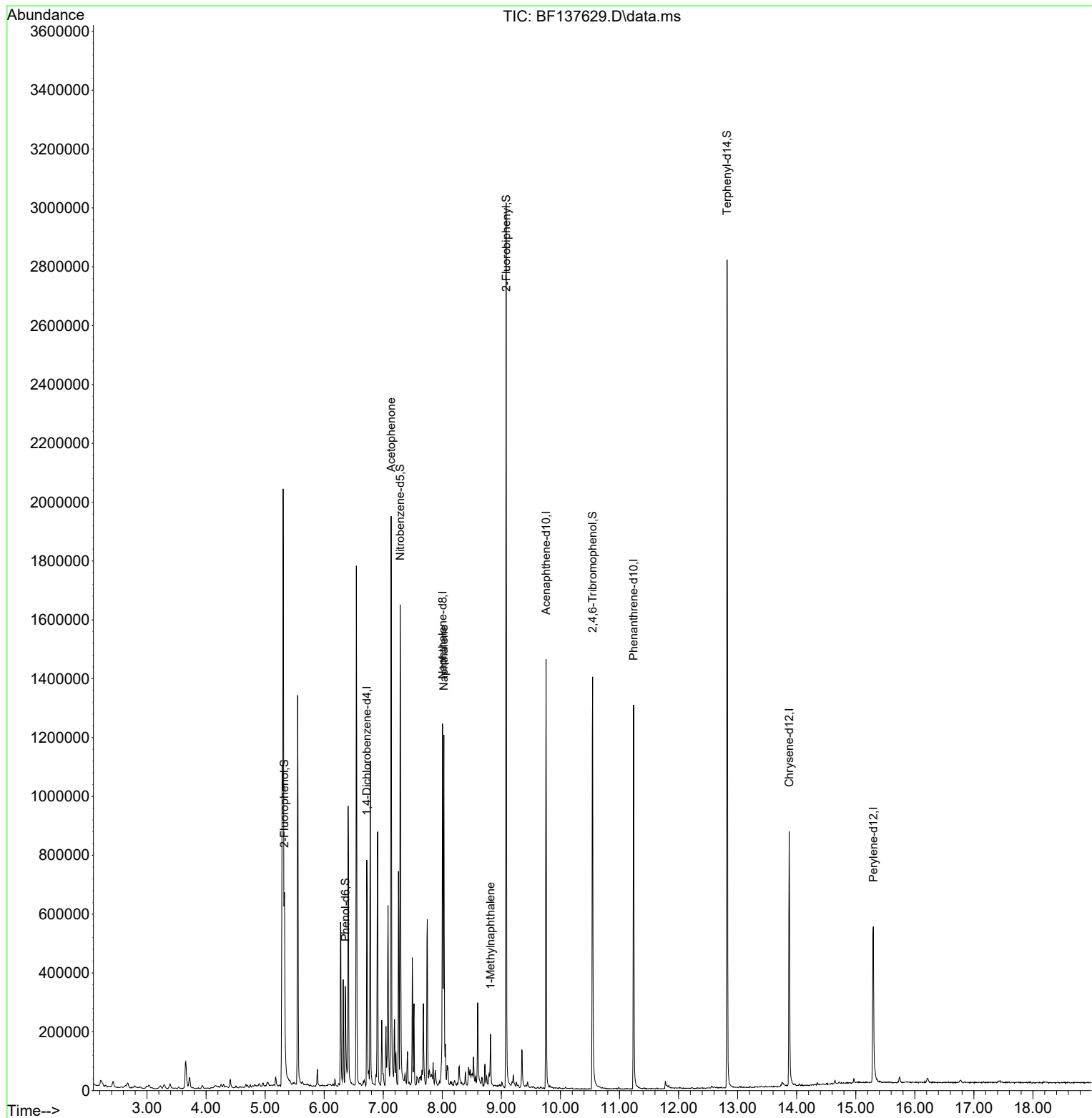
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	117077	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	464544	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	269170	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	465880	20.000	ng	0.00
76) Chrysene-d12	13.874	240	304888	20.000	ng	0.00
86) Perylene-d12	15.298	264	267132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	208490	26.971	ng	0.00
7) Phenol-d6	6.357	99	155064	13.897	ng	-0.01
23) Nitrobenzene-d5	7.287	82	421169	42.126	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	173436	73.372	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	830404	48.292	ng	0.00
79) Terphenyl-d14	12.821	244	976156	44.027	ng	0.00
Target Compounds						
22) Acetophenone	7.134	105	540960	48.129	ng	Qvalue # 86
31) Naphthalene	8.028	128	437114	17.538	ng	99
38) 1-Methylnaphthalene	8.816	142	40079	2.678	ng	99

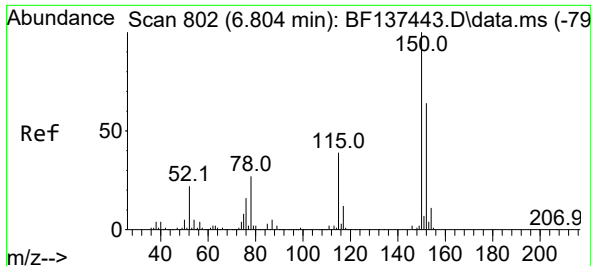
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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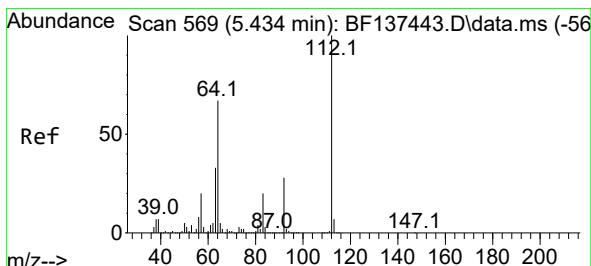
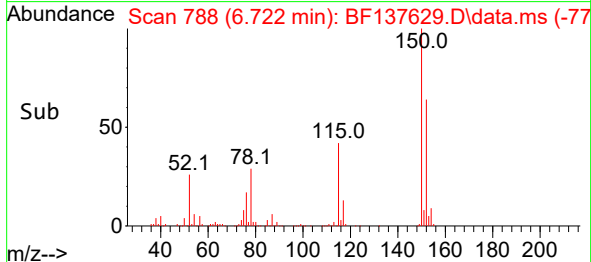
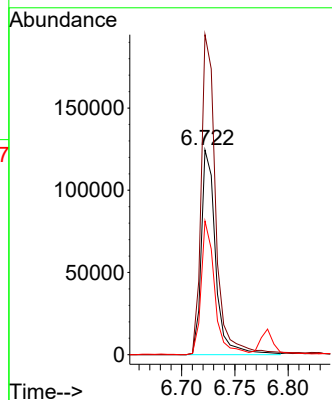
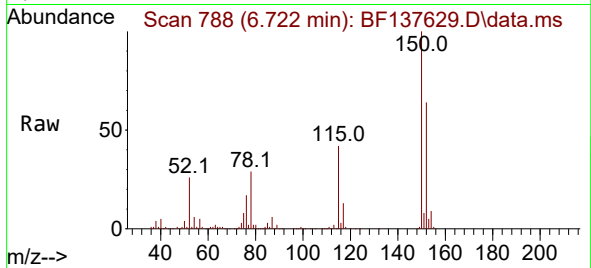




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

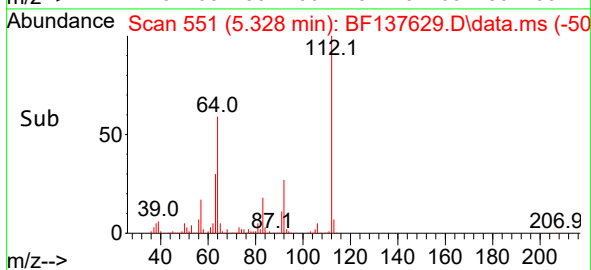
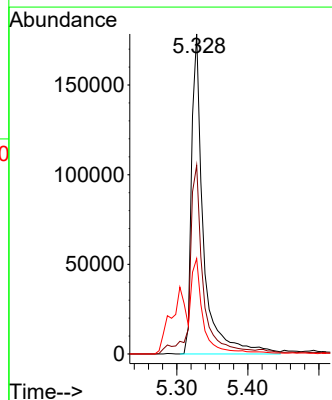
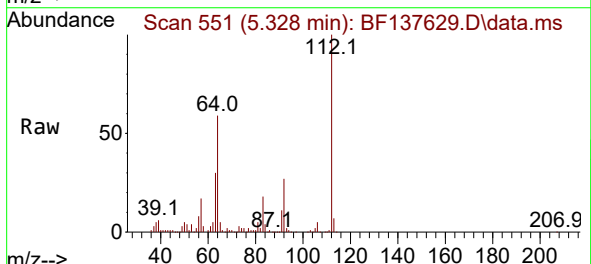
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

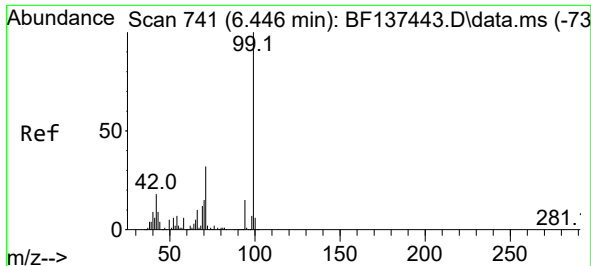
Tgt Ion:152 Resp: 117077
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 65.3 48.8 73.2



#5
2-Fluorophenol
Concen: 26.971 ng
RT: 5.328 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion:112 Resp: 208490
Ion Ratio Lower Upper
112 100
64 59.0 53.4 80.2
63 29.8 26.2 39.2

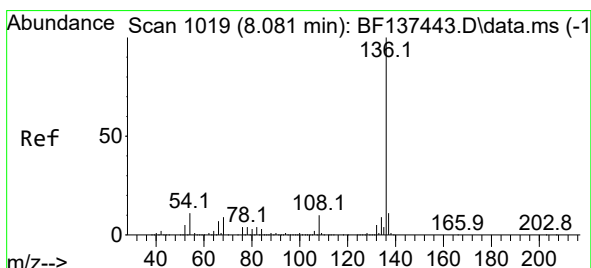
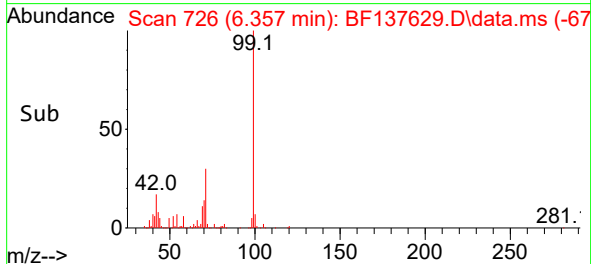
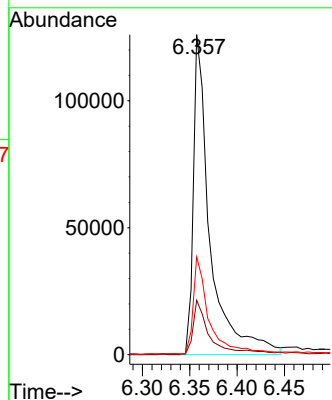
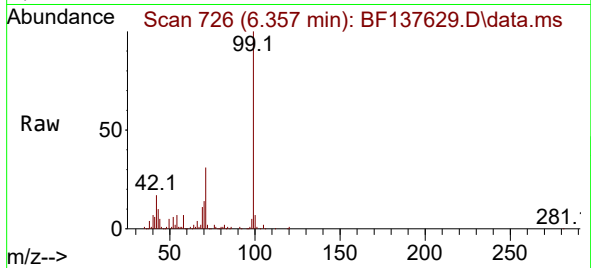




#7
Phenol-d6
Concen: 13.897 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

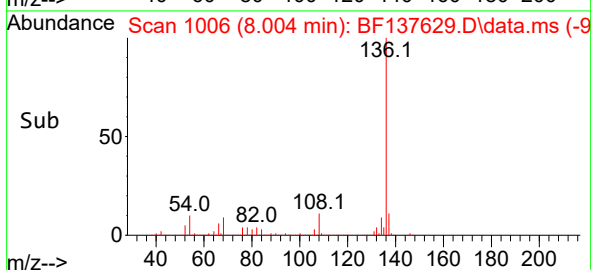
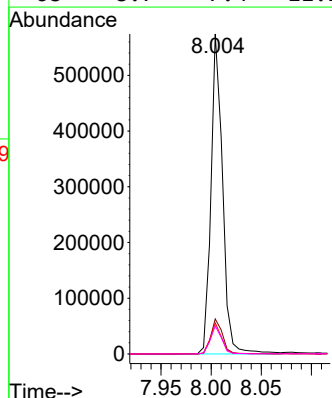
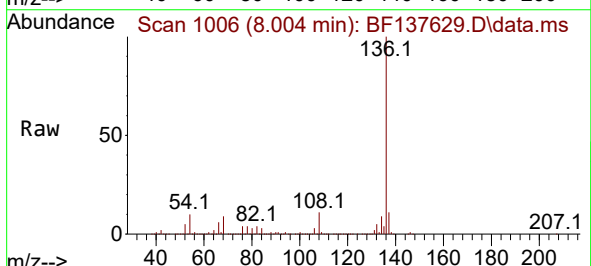
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

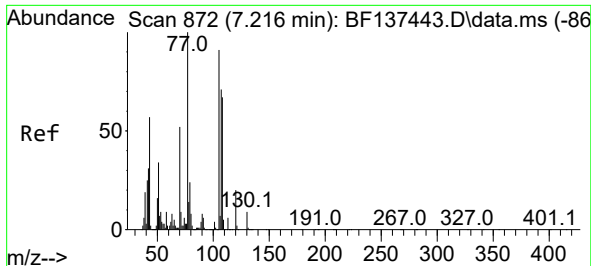
Tgt Ion: 99 Resp: 155064
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 30.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion: 136 Resp: 464544
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.7 8.5 12.7
68 8.7 7.4 11.2

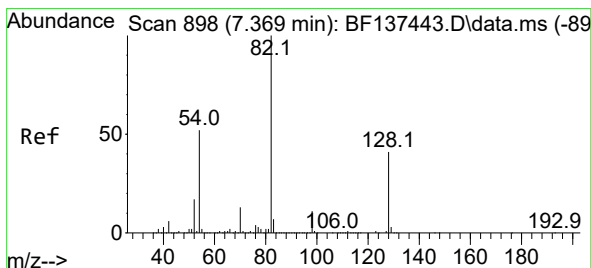
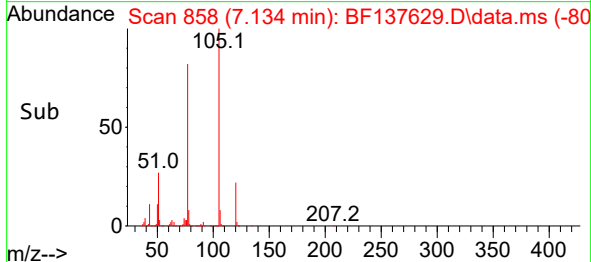
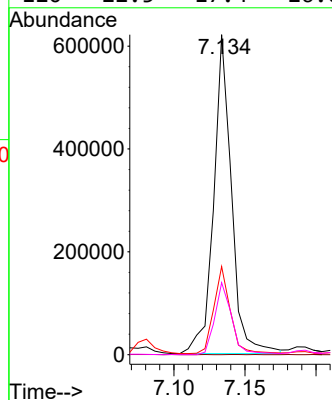
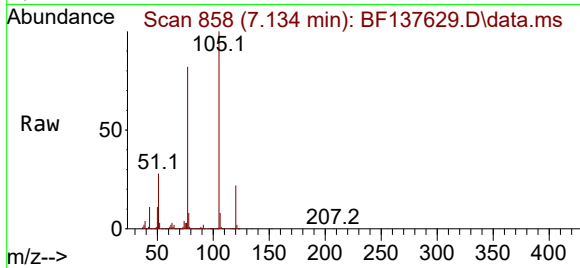




#22
Acetophenone
Concen: 48.129 ng
RT: 7.134 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

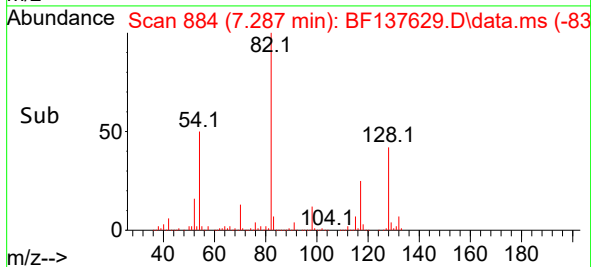
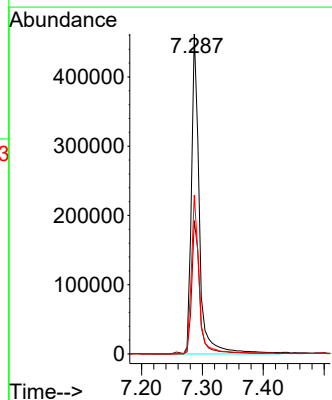
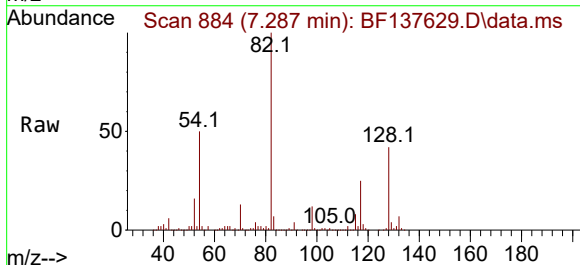
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

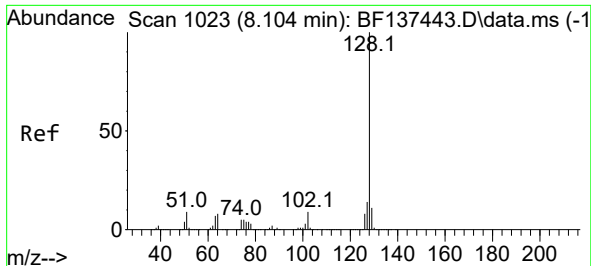
Tgt Ion:105 Resp: 540960
Ion Ratio Lower Upper
105 100
71 0.0 7.7 11.5#
51 27.6 30.4 45.6#
120 22.5 17.4 26.0



#23
Nitrobenzene-d5
Concen: 42.126 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion: 82 Resp: 421169
Ion Ratio Lower Upper
82 100
128 41.7 32.5 48.7
54 49.7 41.5 62.3

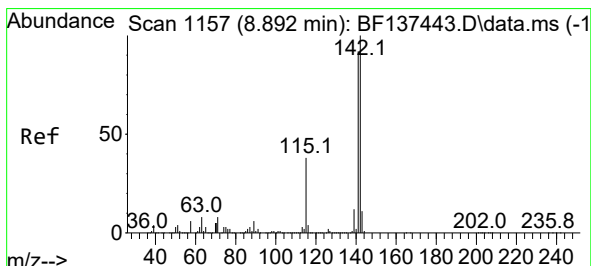
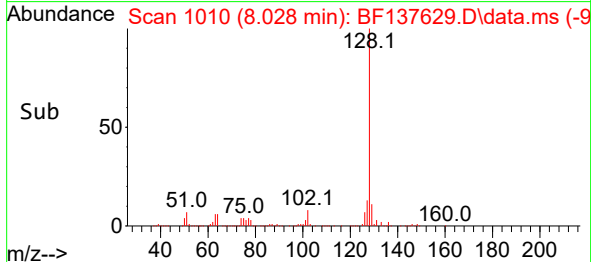
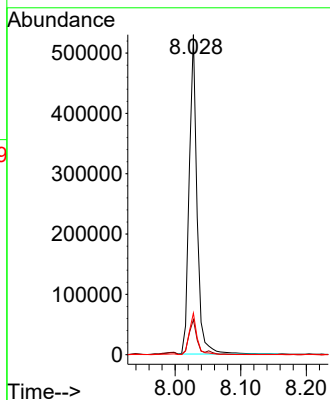
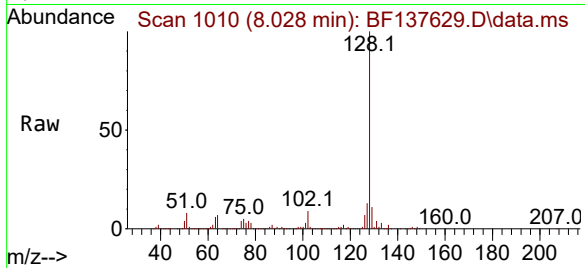




#31
Naphthalene
Concen: 17.538 ng
RT: 8.028 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

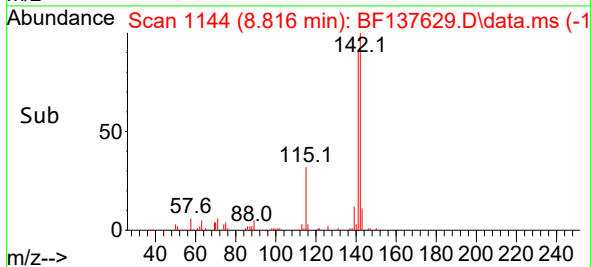
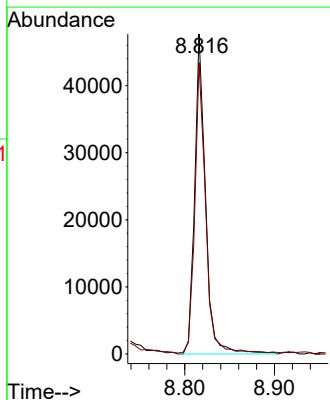
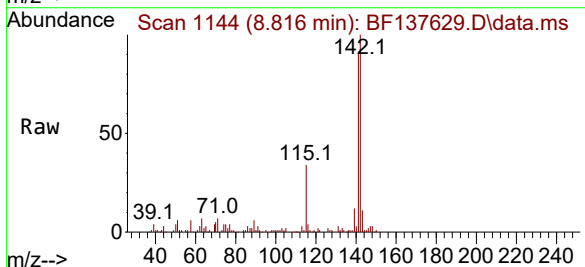
Instrument :
BNA_F
ClientSampleId :
MW-6ADL

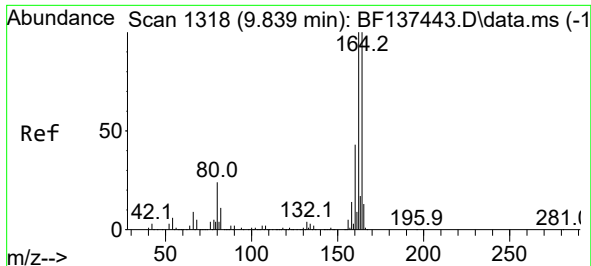
Tgt Ion:128 Resp: 437114
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.0 10.8 16.2



#38
1-Methylnaphthalene
Concen: 2.678 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

Tgt Ion:142 Resp: 40079
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

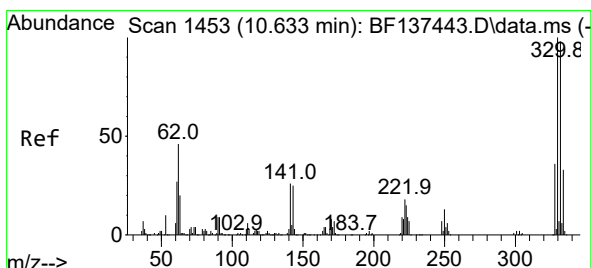
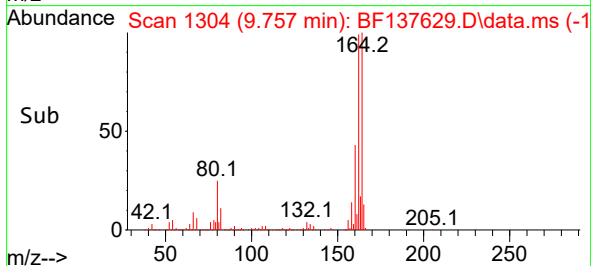
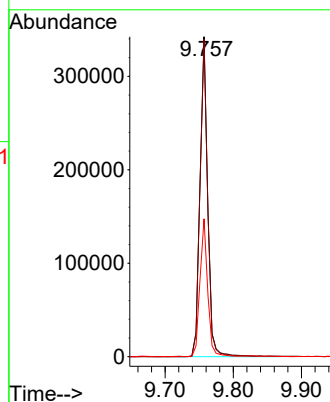
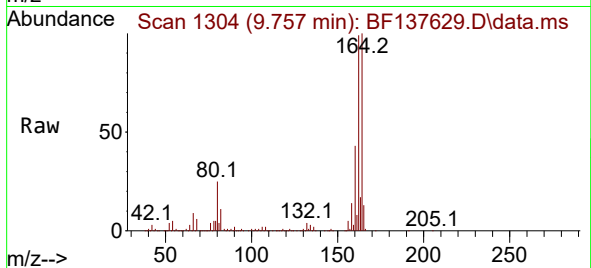
Tgt Ion:164 Resp: 269170

Ion Ratio Lower Upper

164 100

162 99.2 79.8 119.8

160 43.1 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 73.372 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

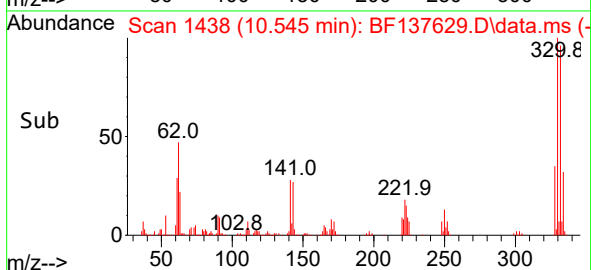
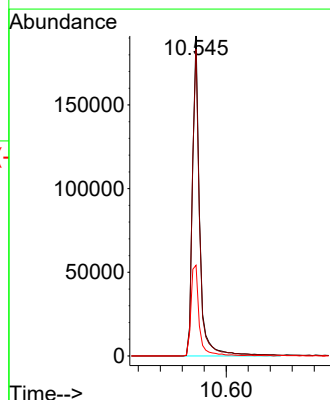
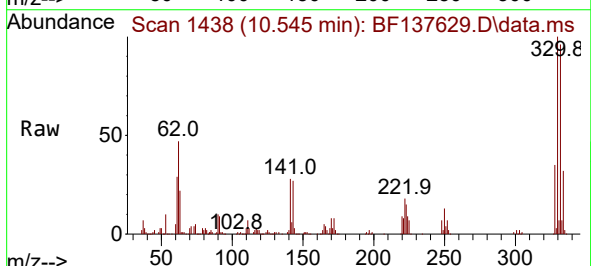
Tgt Ion:330 Resp: 173436

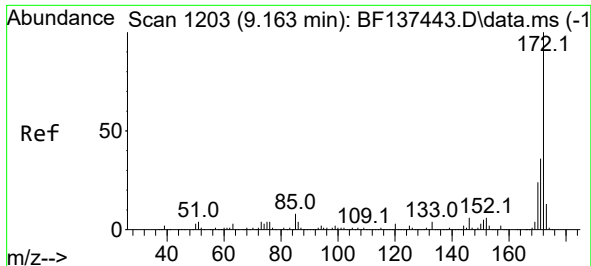
Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

141 33.0 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 48.292 ng

RT: 9.081 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

Instrument :

BNA_F

ClientSampleId :

MW-6ADL

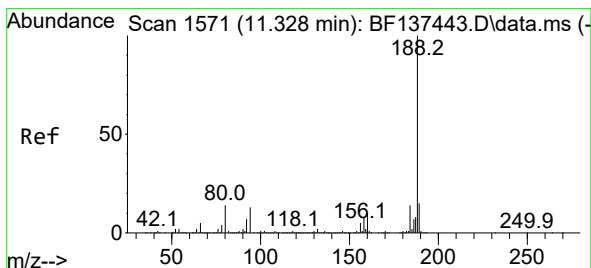
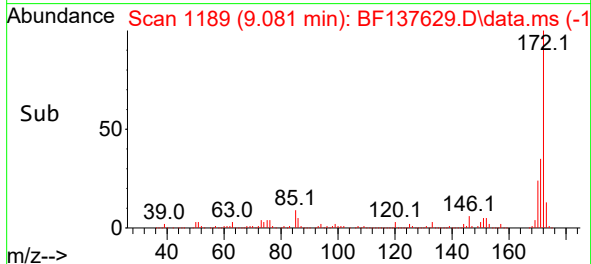
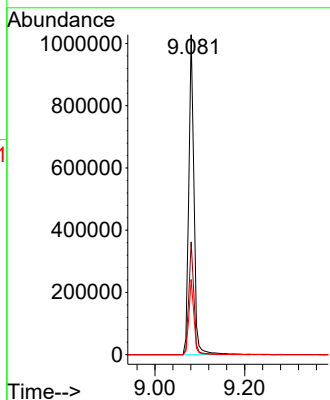
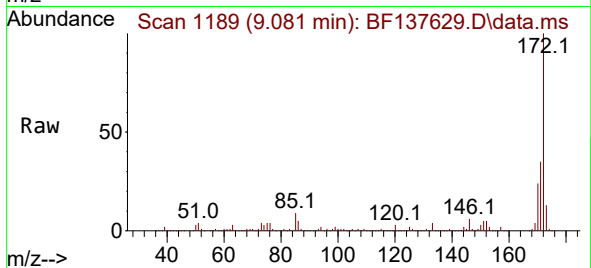
Tgt Ion:172 Resp: 830404

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.5 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. -0.000 min

Lab File: BF137629.D

Acq: 18 Mar 2024 14:08

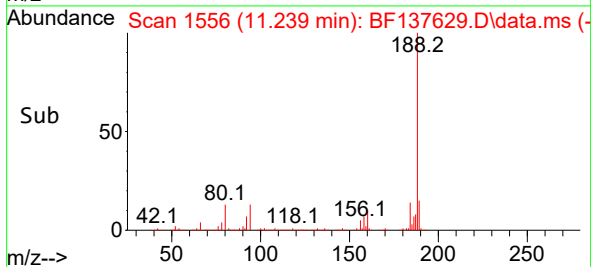
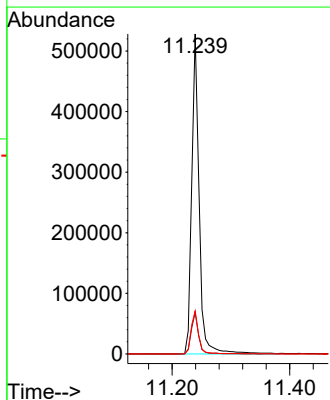
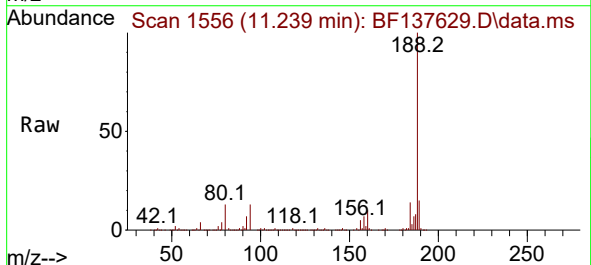
Tgt Ion:188 Resp: 465880

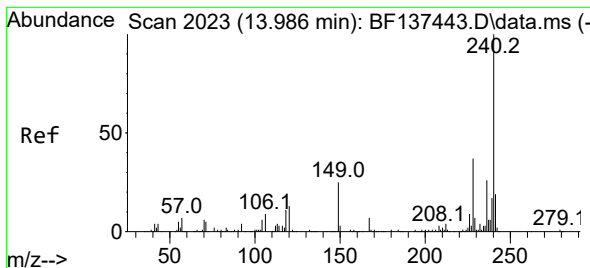
Ion Ratio Lower Upper

188 100

94 12.9 10.6 15.8

80 13.5 11.5 17.3

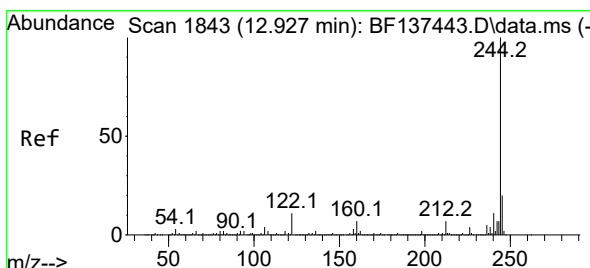
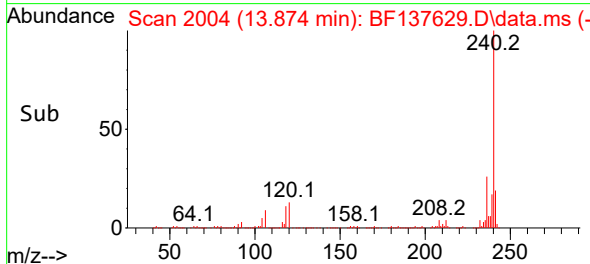
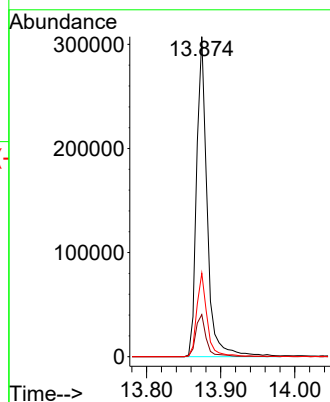
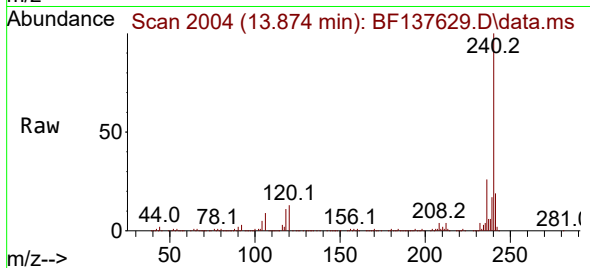




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

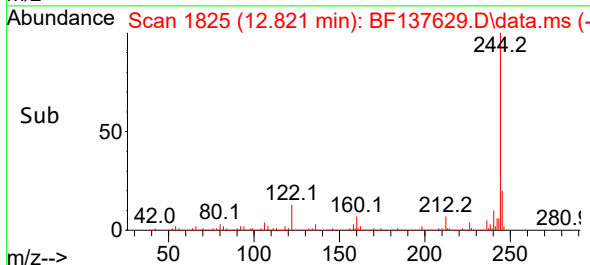
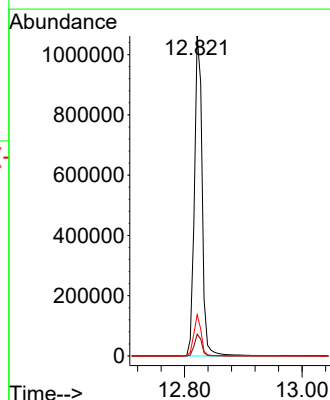
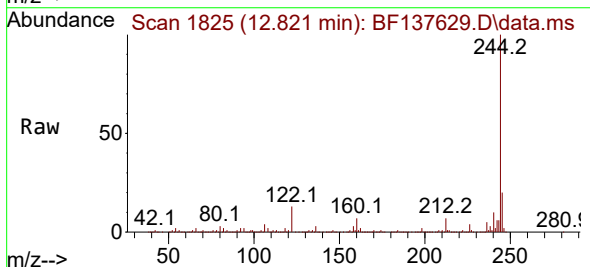
Instrument :
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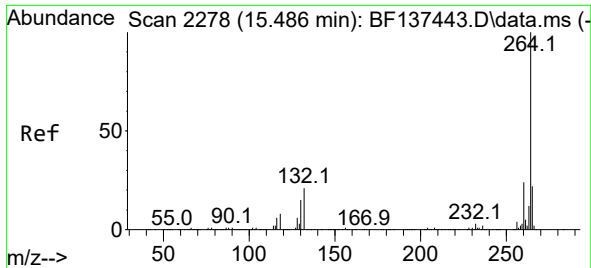
Tgt Ion:240 Resp: 304888
Ion Ratio Lower Upper
240 100
120 13.2 10.4 15.6
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 44.027 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF137629.D
Acq: 18 Mar 2024 14:08

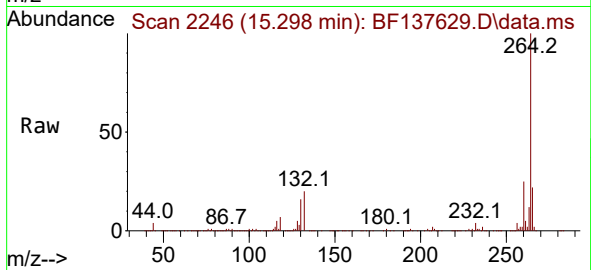
Tgt Ion:244 Resp: 976156
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 12.9 9.1 13.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF137629.D
 Acq: 18 Mar 2024 14:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-6ADL



Tgt Ion:264 Resp: 267132
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 21.6 17.4 26.0

