

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137636.D
 Acq On : 18 Mar 2024 17:35
 Operator : CG\JU
 Sample : P1784-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5B

Quant Time: Mar 18 17:56:13 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)

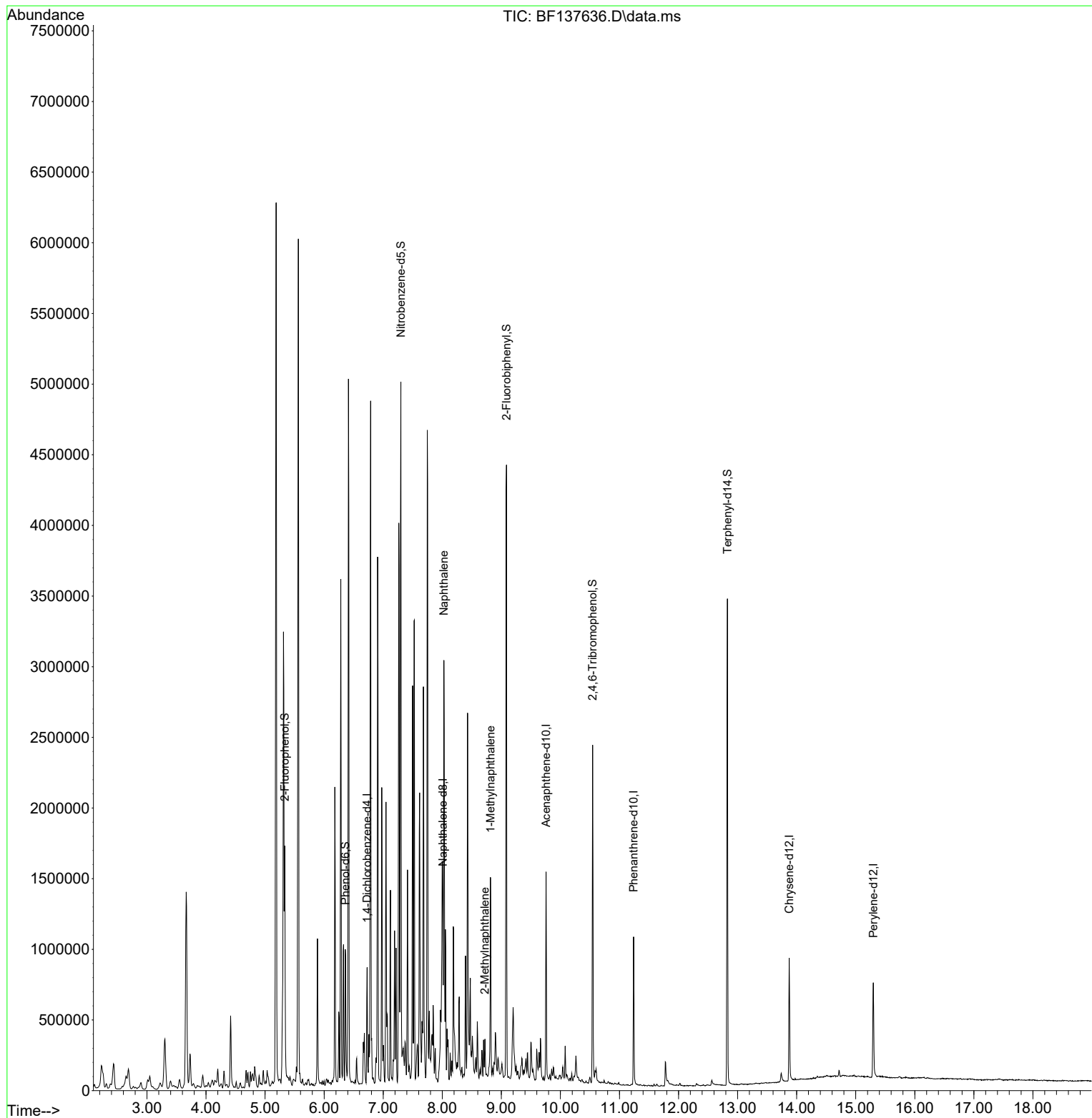
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	127509	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	462016	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	246221	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	370130	20.000	ng	0.00
76) Chrysene-d12	13.874	240	293605	20.000	ng	0.00
86) Perylene-d12	15.298	264	306684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	483658	57.448	ng	0.00
7) Phenol-d6	6.357	99	398972	32.830	ng	-0.01
23) Nitrobenzene-d5	7.298	82	786405	79.087	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	275381	127.359	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1372474	87.256	ng	0.00
79) Terphenyl-d14	12.827	244	1203366	56.360	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.028	128	885357	35.716	ng	# 96
37) 2-Methylnaphthalene	8.722	142	43571	2.757	ng	98
38) 1-Methylnaphthalene	8.816	142	332745	22.359	ng	100

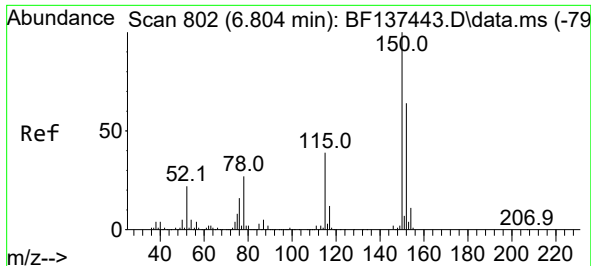
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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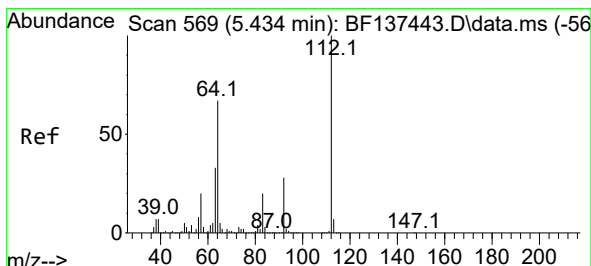
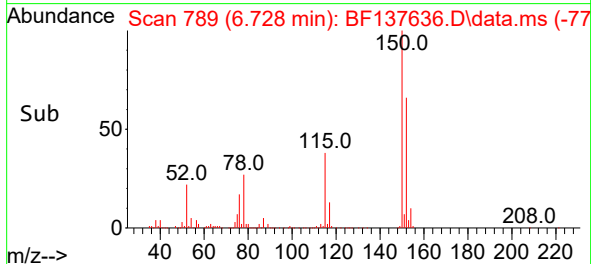
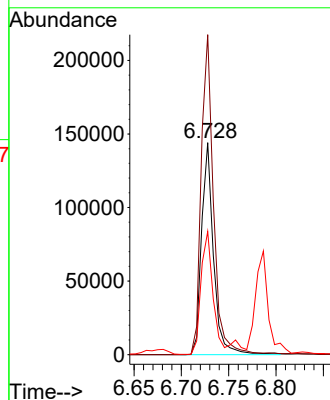
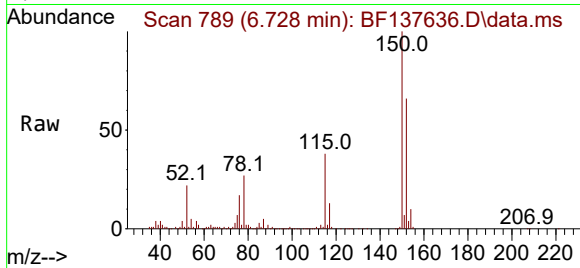




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

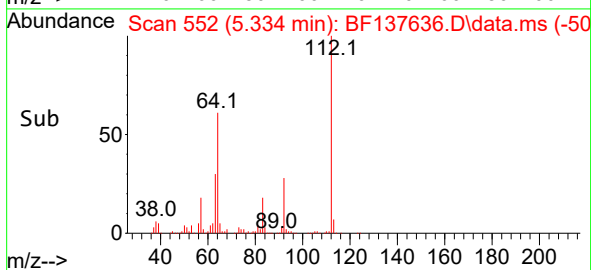
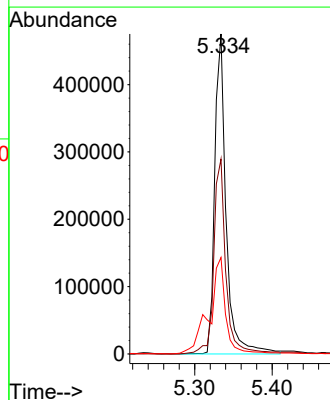
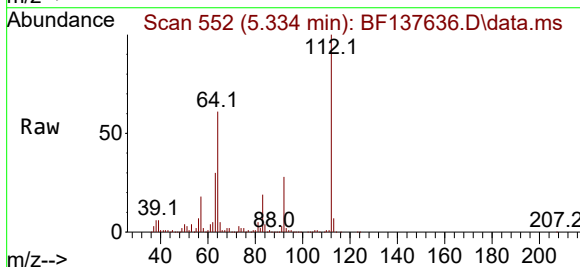
Instrument :
BNA_F
ClientSampleId :
MW-5B

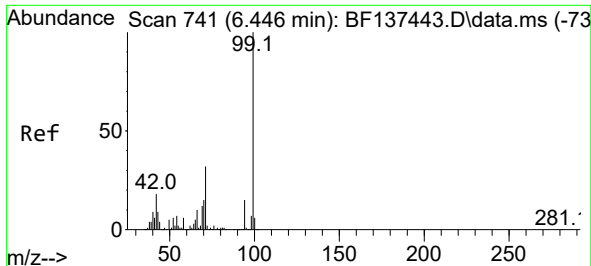
Tgt Ion:152 Resp: 127509
Ion Ratio Lower Upper
152 100
150 151.0 125.8 188.6
115 58.1 48.8 73.2



#5
2-Fluorophenol
Concen: 57.448 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion:112 Resp: 483658
Ion Ratio Lower Upper
112 100
64 60.9 53.4 80.2
63 30.1 26.2 39.2

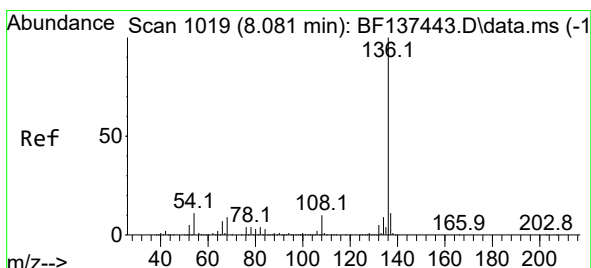
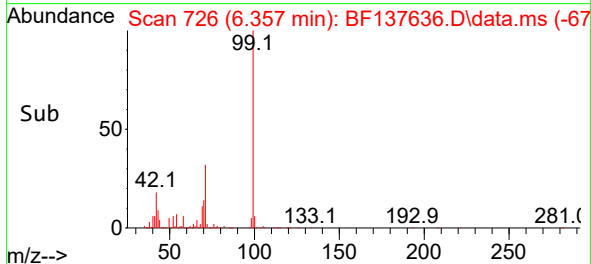
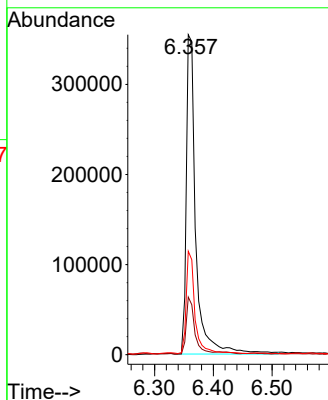
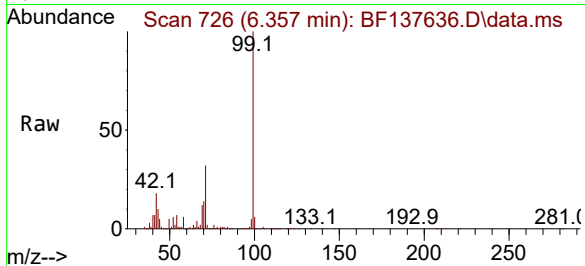




#7
Phenol-d6
Concen: 32.830 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

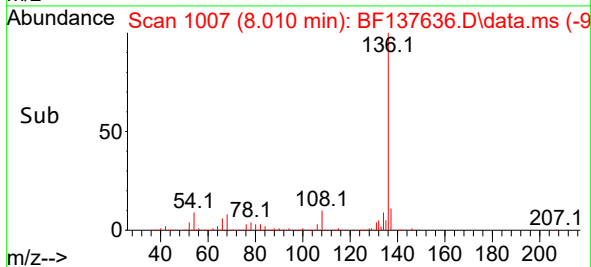
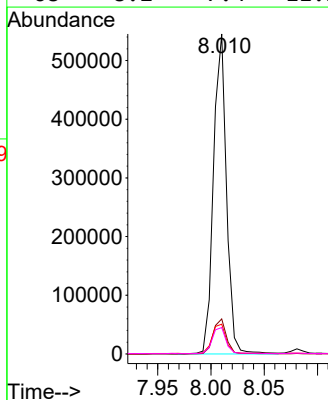
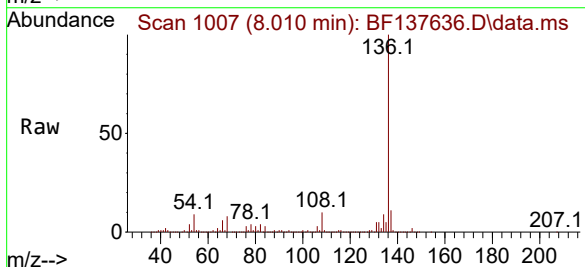
Instrument :
BNA_F
ClientSampleId :
MW-5B

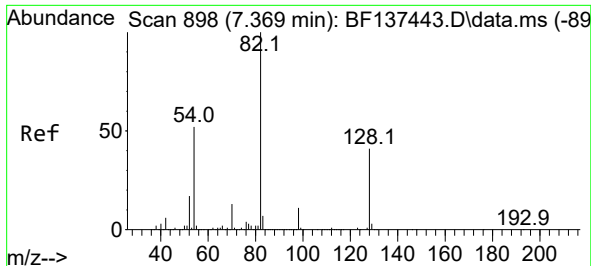
Tgt Ion: 99 Resp: 398972
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 32.4 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion: 136 Resp: 462016
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.3 8.5 12.7
68 8.2 7.4 11.2





#23

Nitrobenzene-d5

Concen: 79.087 ng

RT: 7.298 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF137636.D

Acq: 18 Mar 2024 17:35

Instrument :

BNA_F

ClientSampleId :

MW-5B

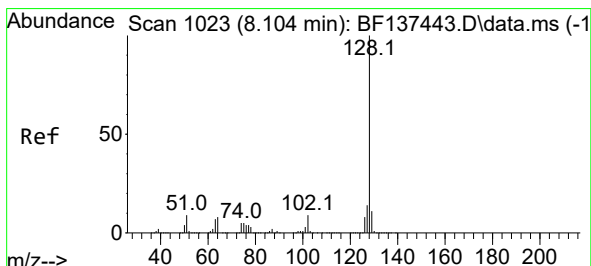
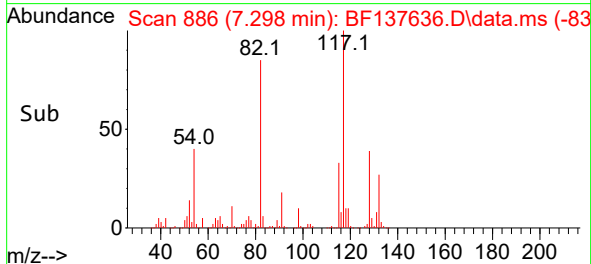
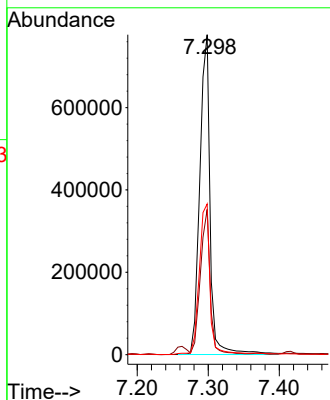
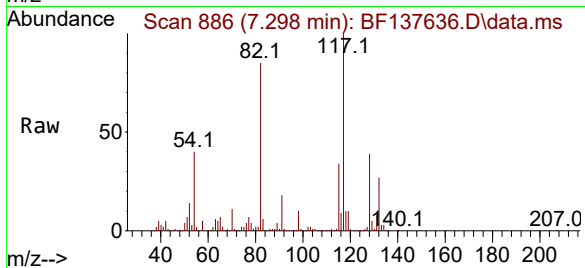
Tgt Ion: 82 Resp: 786405

Ion Ratio Lower Upper

82 100

128 45.4 32.5 48.7

54 47.1 41.5 62.3



#31

Naphthalene

Concen: 35.716 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BF137636.D

Acq: 18 Mar 2024 17:35

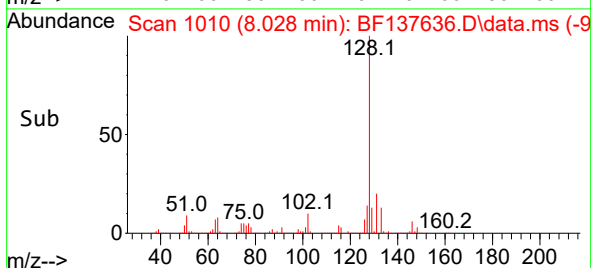
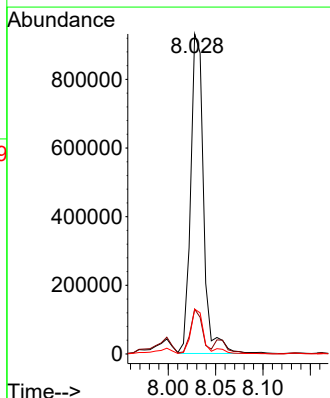
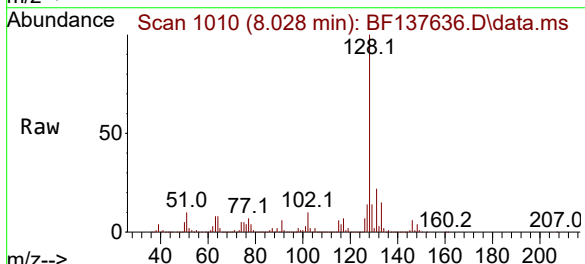
Tgt Ion: 128 Resp: 885357

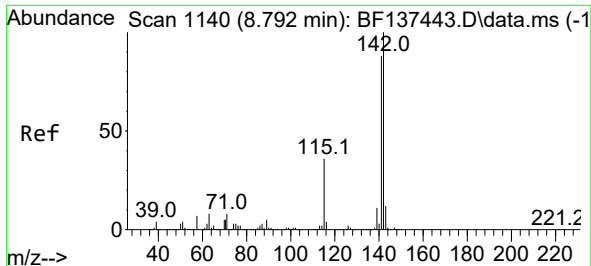
Ion Ratio Lower Upper

128 100

129 14.0 9.2 13.8#

127 14.0 10.8 16.2

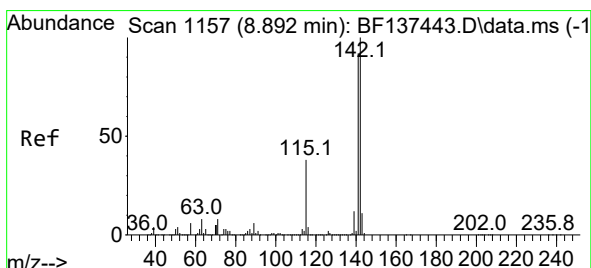
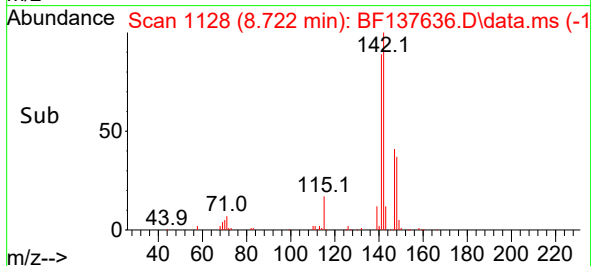
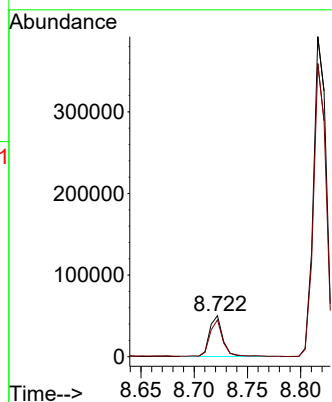
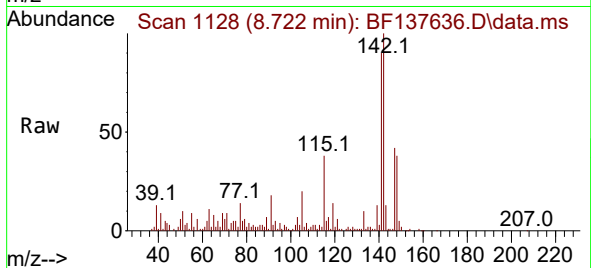




#37
2-Methylnaphthalene
Concen: 2.757 ng
RT: 8.722 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

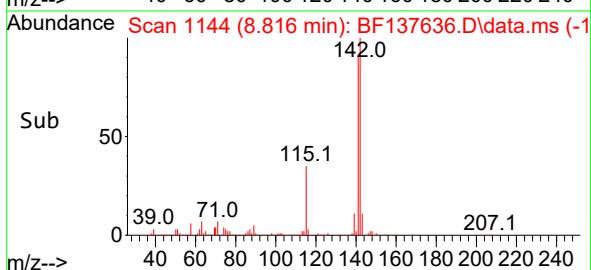
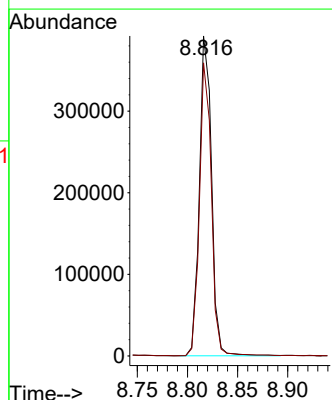
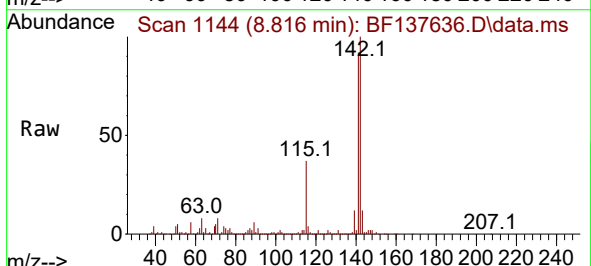
Instrument :
BNA_F
ClientSampleId :
MW-5B

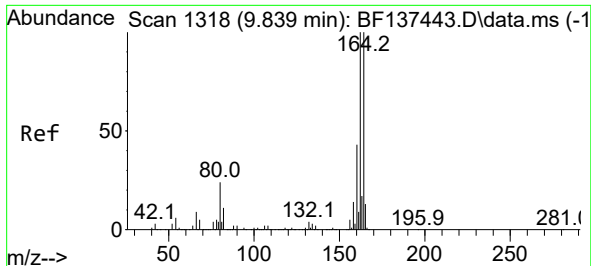
Tgt Ion:142 Resp: 43571
Ion Ratio Lower Upper
142 100
141 90.0 70.4 105.6



#38
1-Methylnaphthalene
Concen: 22.359 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion:142 Resp: 332745
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2

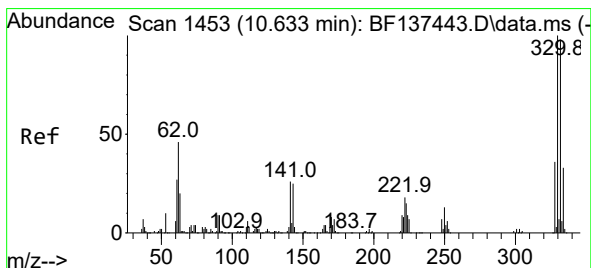
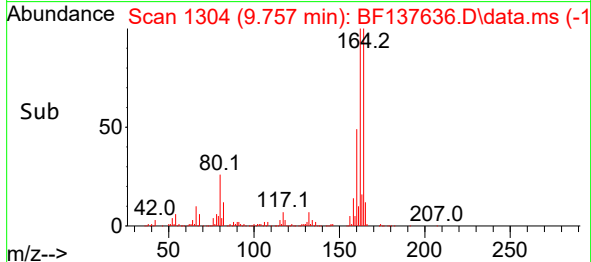
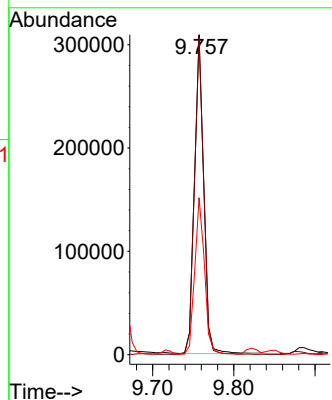
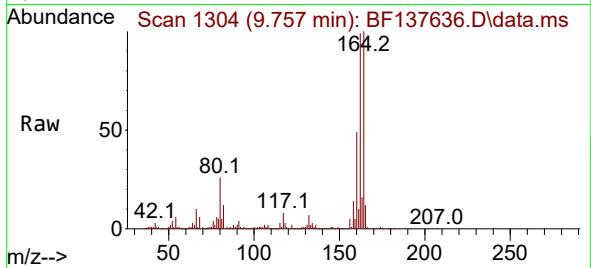




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

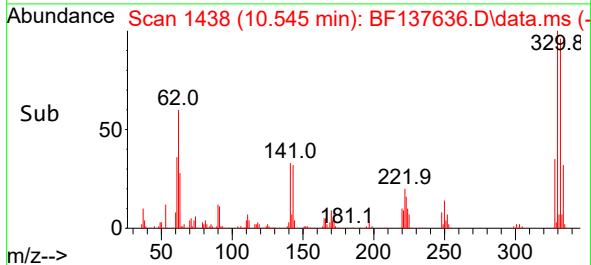
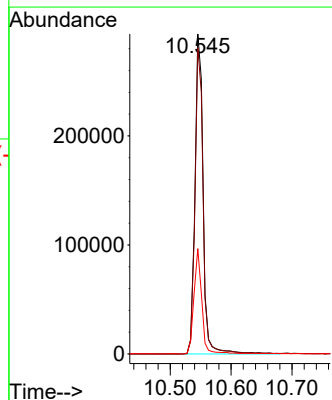
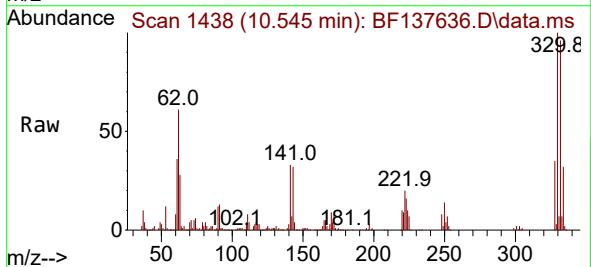
Instrument :
BNA_F
ClientSampleId :
MW-5B

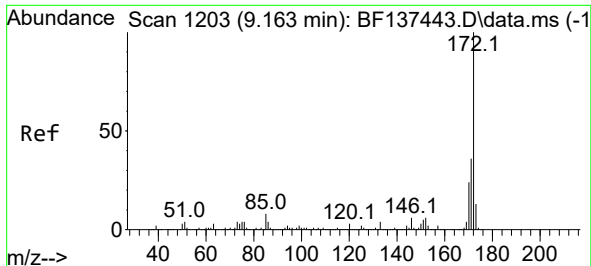
Tgt Ion:164 Resp: 246221
Ion Ratio Lower Upper
164 100
162 99.2 79.8 119.8
160 49.0 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 127.359 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion:330 Resp: 275381
Ion Ratio Lower Upper
330 100
332 95.3 78.0 117.0
141 31.6 27.3 40.9

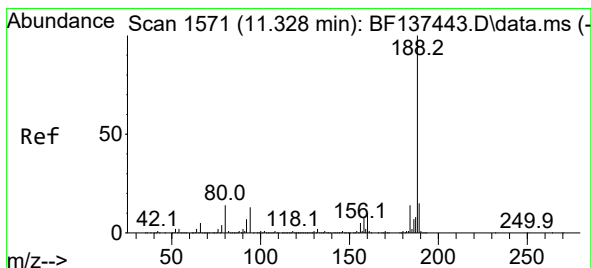
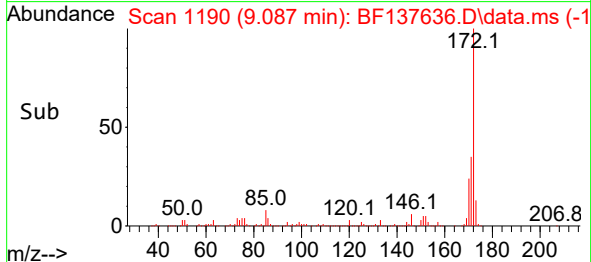
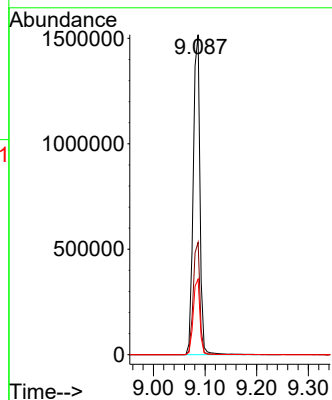
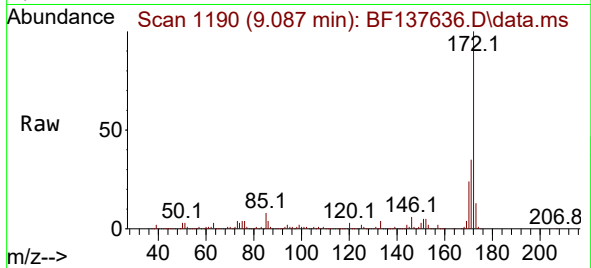




#45
2-Fluorobiphenyl
Concen: 87.256 ng
RT: 9.087 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

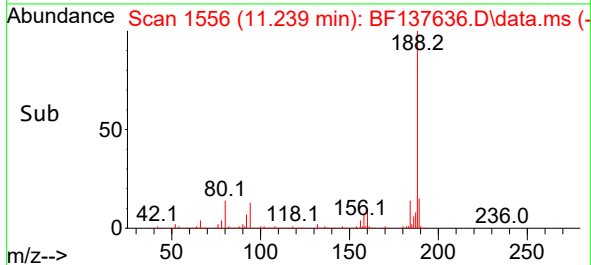
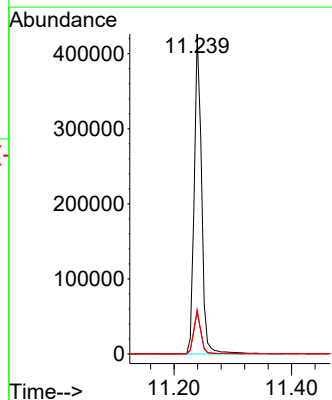
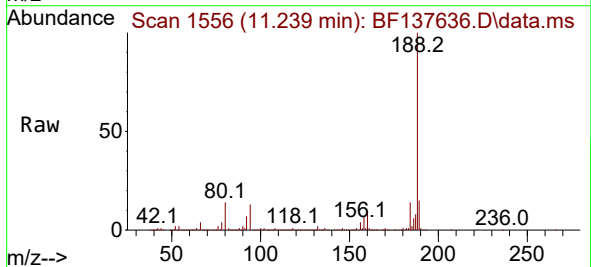
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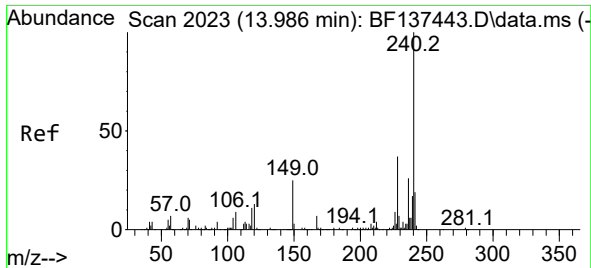
Tgt Ion:172 Resp: 1372474
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.6 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion:188 Resp: 370130
Ion Ratio Lower Upper
188 100
94 13.0 10.6 15.8
80 13.8 11.5 17.3

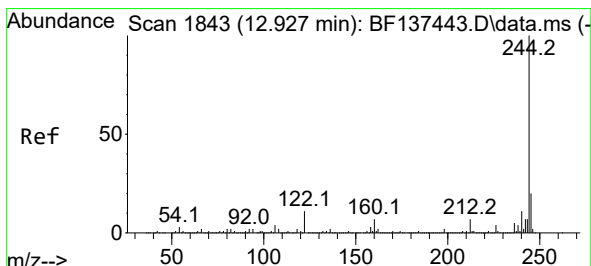
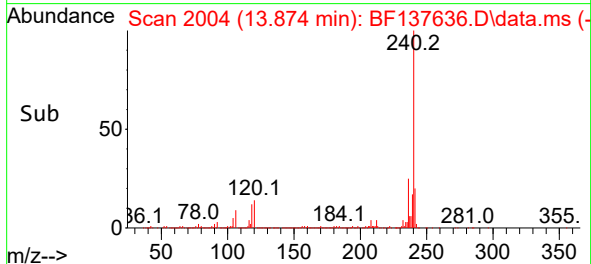
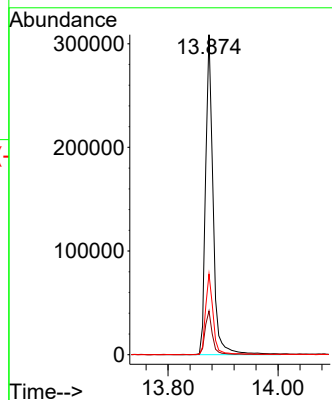
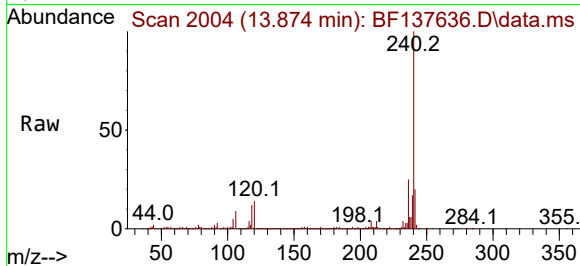




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

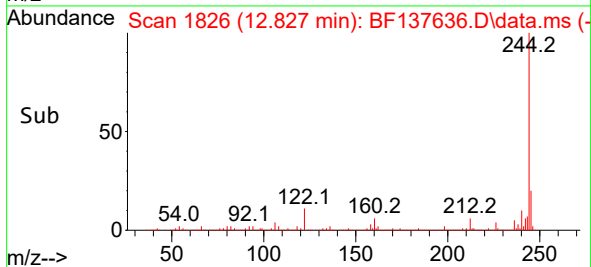
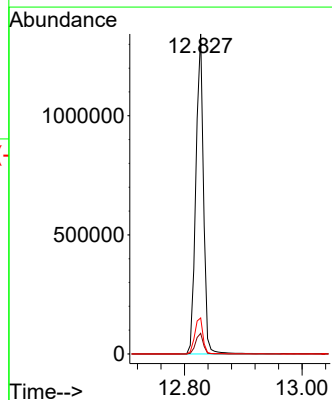
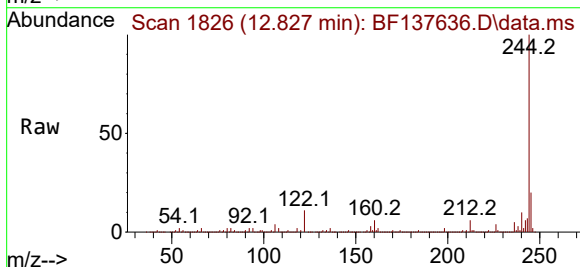
Instrument :
BNA_F
ClientSampleId :
MW-5B

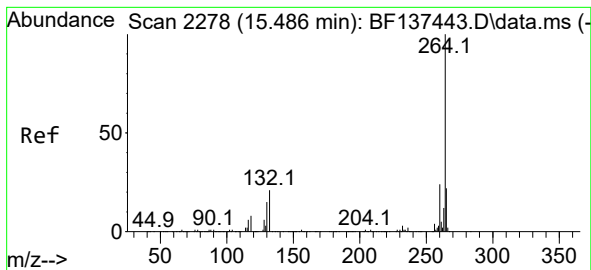
Tgt Ion:240 Resp: 293605
Ion Ratio Lower Upper
240 100
120 13.7 10.4 15.6
236 25.2 20.9 31.3



#79
Terphenyl-d14
Concen: 56.360 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BF137636.D
Acq: 18 Mar 2024 17:35

Tgt Ion:244 Resp: 1203366
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 11.3 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: BF137636.D
Acq: 18 Mar 2024 17:35

Instrument :
BNA_F
ClientSampleId :
MW-5B

Tgt Ion:264 Resp: 306684

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.7	17.4	26.0

