

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137620.D
 Acq On : 15 Mar 2024 20:32
 Operator : CG\JU
 Sample : P1769-01DL 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2DL

Quant Time: Mar 15 23:24:53 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)

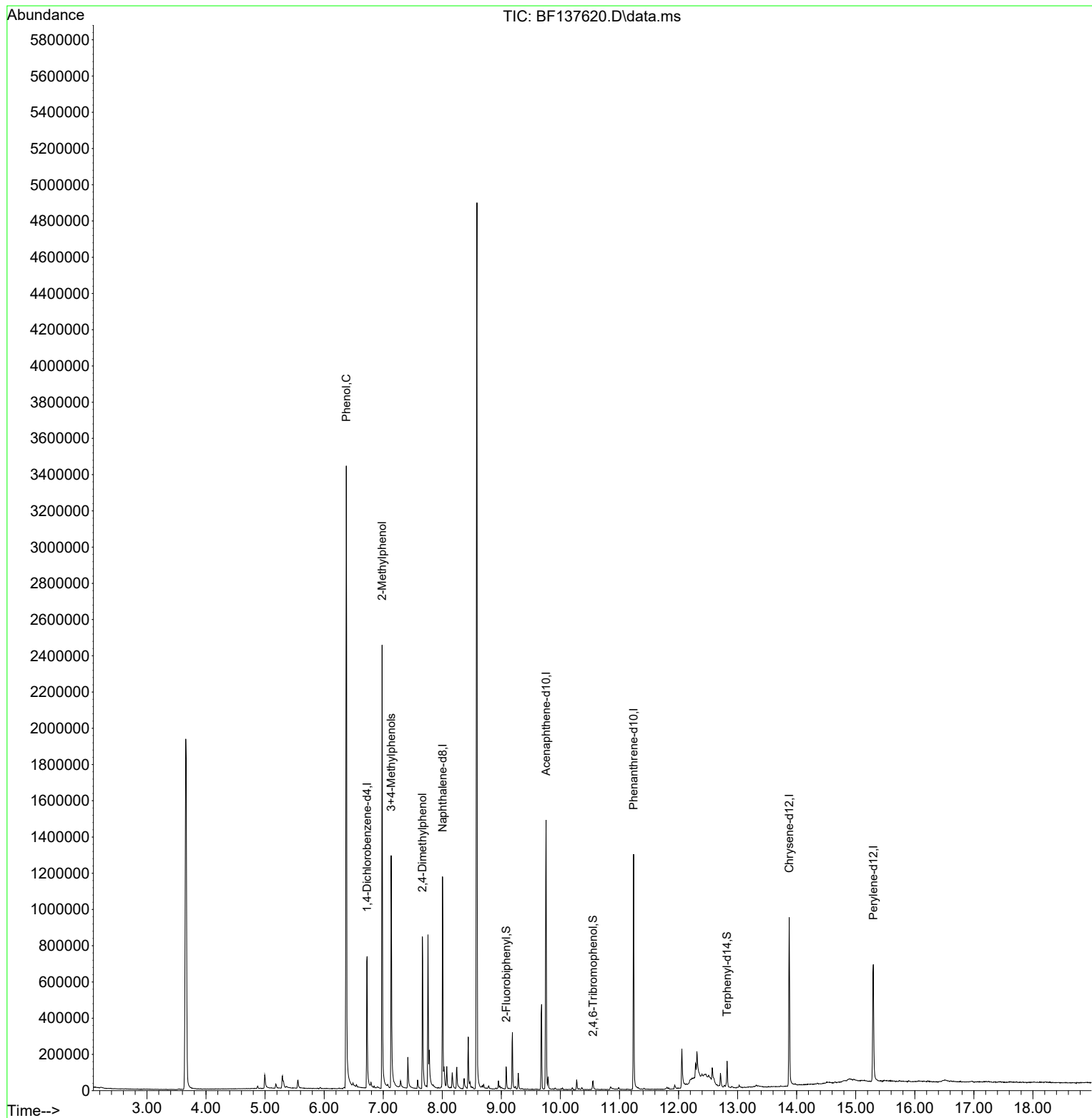
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	121800	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	475231	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	263433	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	467263	20.000	ng	0.00
76) Chrysene-d12	13.874	240	311826	20.000	ng	0.00
86) Perylene-d12	15.298	264	317708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	7680	0.955	ng	0.02
7) Phenol-d6	6.363	99	8749	0.754	ng	0.00
23) Nitrobenzene-d5	7.293	82	17815	1.742	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	5900	2.550	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	39202	2.329	ng	0.00
79) Terphenyl-d14	12.822	244	45956	2.027	ng	0.00
Target Compounds						
10) Phenol	6.375	94	1308268	104.707	ng	Qvalue 96
17) 2-Methylphenol	6.981	107	369689	46.577	ng	99
20) 3+4-Methylphenols	7.134	107	348990	38.392	ng	# 53
27) 2,4-Dimethylphenol	7.663	122	158329	20.773	ng	98

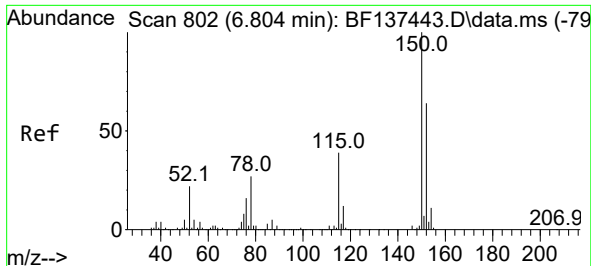
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

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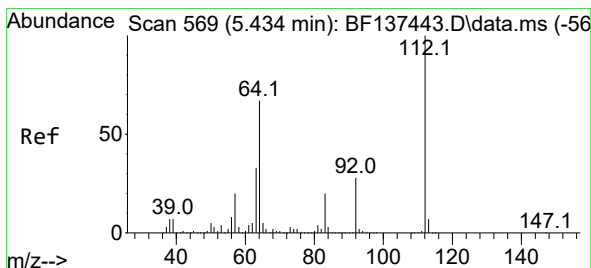
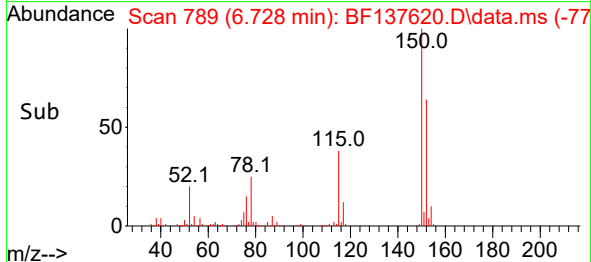
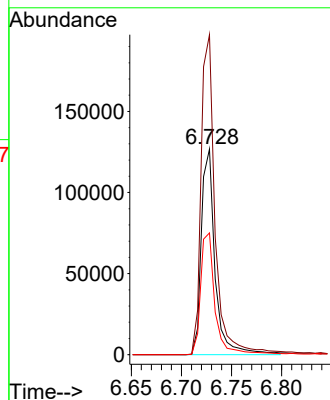
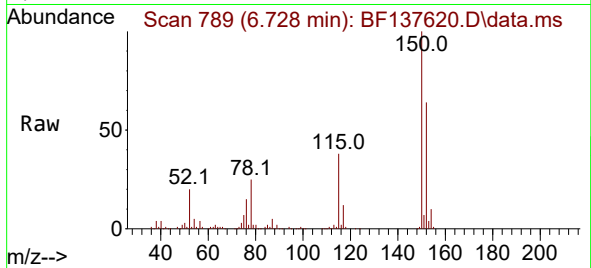




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

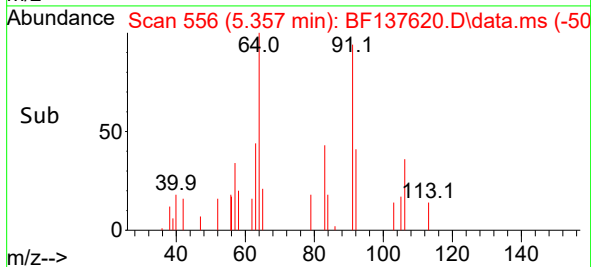
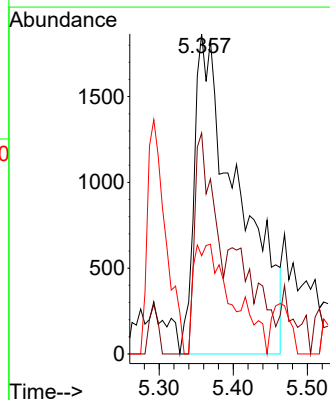
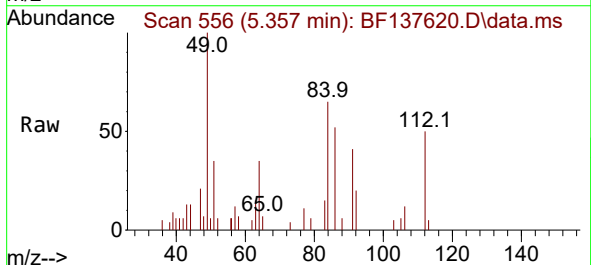
Instrument :
BNA_F
ClientSampleId :
MW-2DL

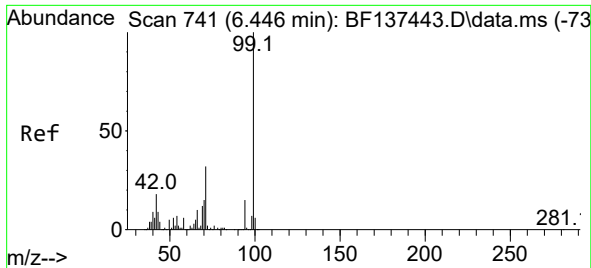
Tgt Ion:152 Resp: 121800
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 59.2 48.8 73.2



#5
2-Fluorophenol
Concen: 0.955 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.024 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Tgt Ion:112 Resp: 7680
Ion Ratio Lower Upper
112 100
64 69.1 53.4 80.2
63 30.7 26.2 39.2





#7

Phenol-d6

Concen: 0.754 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137620.D

Acq: 15 Mar 2024 20:32

Instrument :

BNA_F

ClientSampleId :

MW-2DL

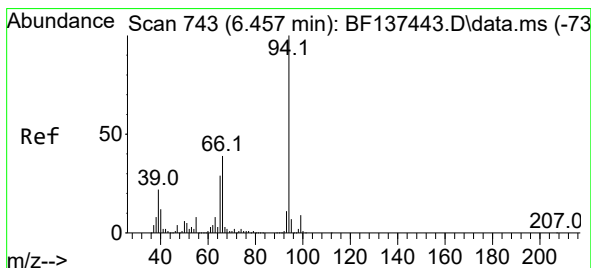
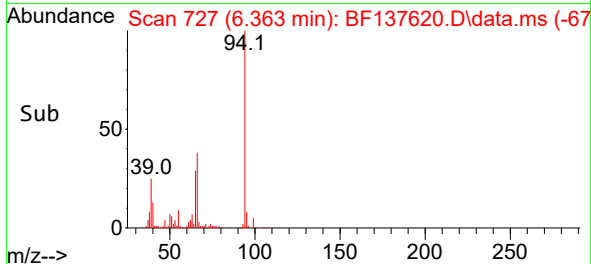
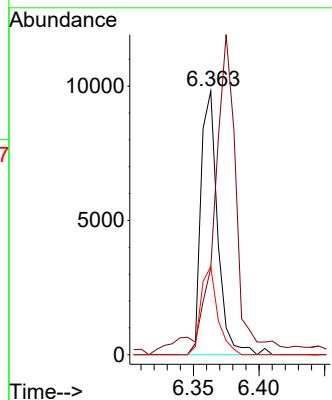
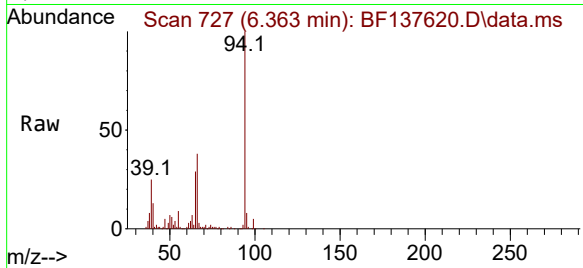
Tgt Ion: 99 Resp: 8749

Ion Ratio Lower Upper

99 100

42 32.9 14.6 21.8#

71 33.5 25.3 37.9



#10

Phenol

Concen: 104.707 ng

RT: 6.375 min Scan# 729

Delta R.T. -0.006 min

Lab File: BF137620.D

Acq: 15 Mar 2024 20:32

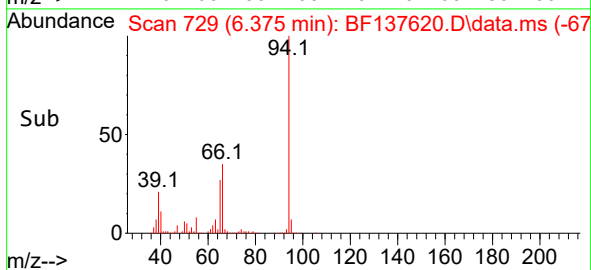
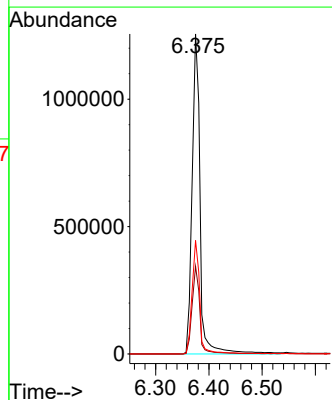
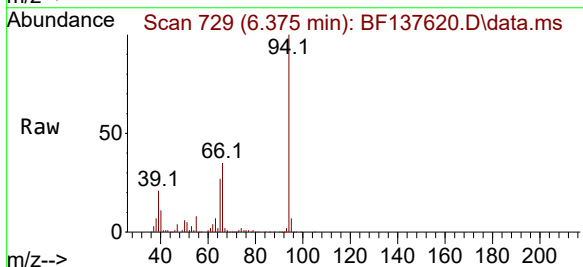
Tgt Ion: 94 Resp: 1308268

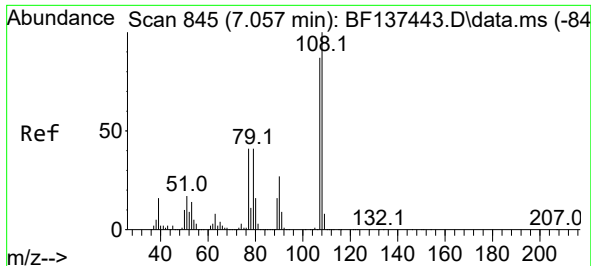
Ion Ratio Lower Upper

94 100

65 27.4 8.7 48.7

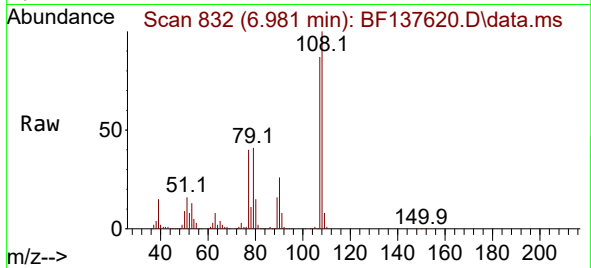
66 35.4 18.6 58.6



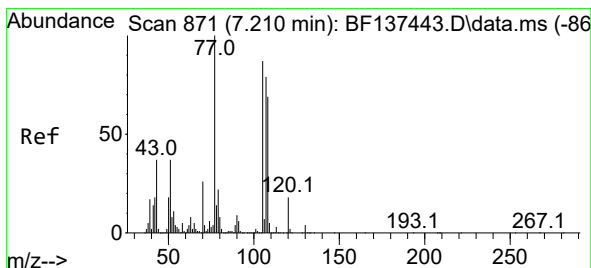
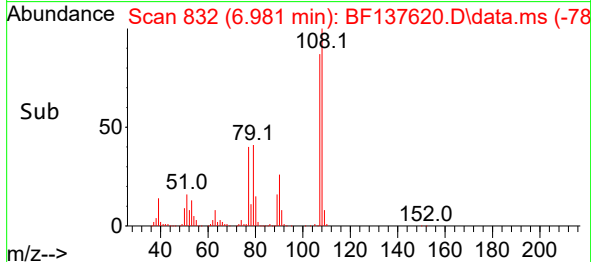
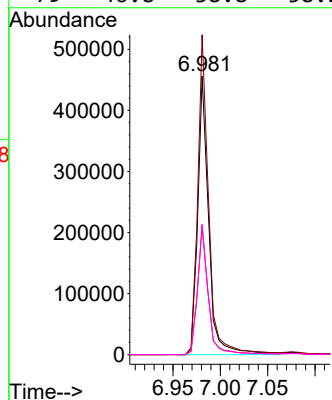


#17
2-Methylphenol
Concen: 46.577 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Instrument :
BNA_F
ClientSampleId :
MW-2DL

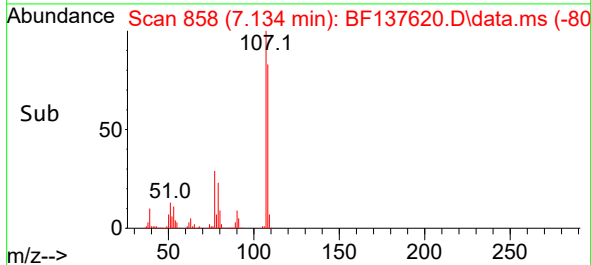
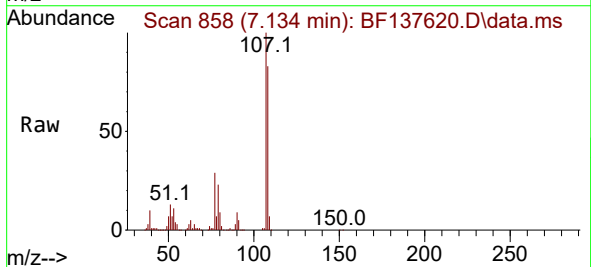
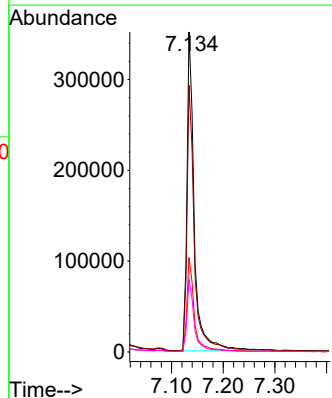


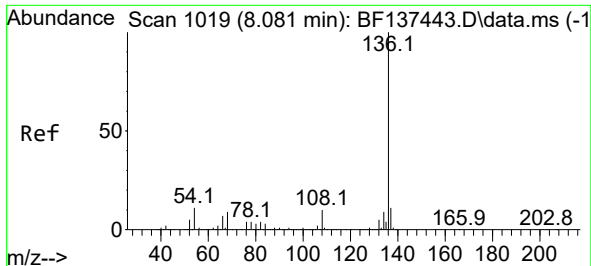
Tgt Ion:107 Resp: 369689
Ion Ratio Lower Upper
107 100
108 114.9 92.2 138.4
77 46.3 38.6 57.8
79 46.8 38.8 58.2



#20
3+4-Methylphenols
Concen: 38.392 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Tgt Ion:107 Resp: 348990
Ion Ratio Lower Upper
107 100
108 83.4 67.6 107.6
77 29.5 107.1 147.1#
79 22.7 8.6 48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF137620.D

Acq: 15 Mar 2024 20:32

Instrument :

BNA_F

ClientSampleId :

MW-2DL

Tgt Ion:136 Resp: 475231

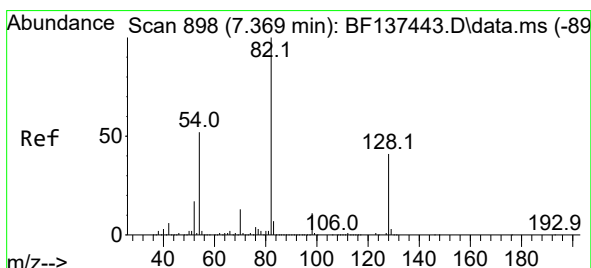
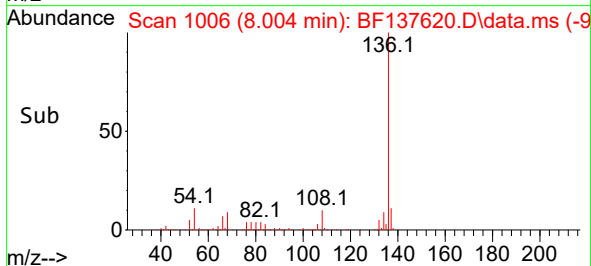
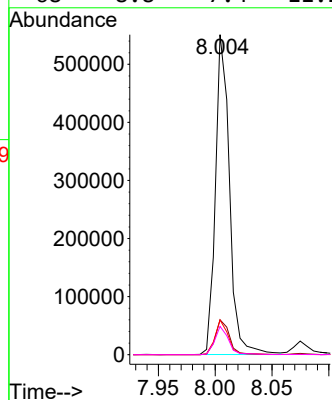
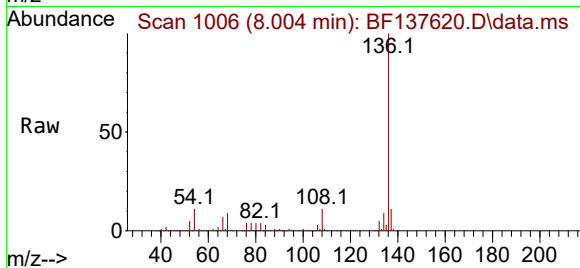
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 10.8 8.5 12.7

68 8.8 7.4 11.2



#23

Nitrobenzene-d5

Concen: 1.742 ng

RT: 7.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137620.D

Acq: 15 Mar 2024 20:32

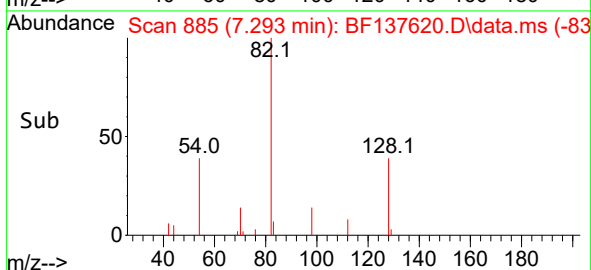
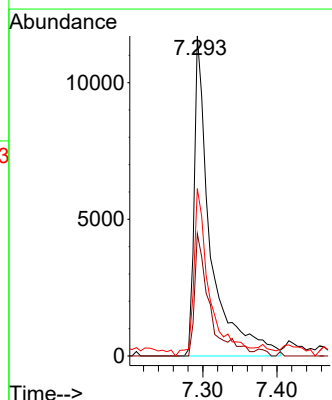
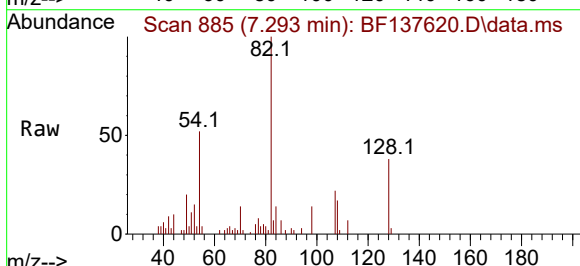
Tgt Ion: 82 Resp: 17815

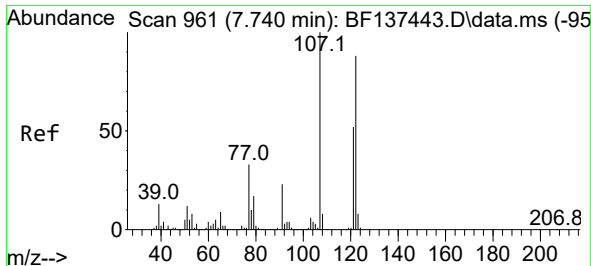
Ion Ratio Lower Upper

82 100

128 38.2 32.5 48.7

54 52.3 41.5 62.3

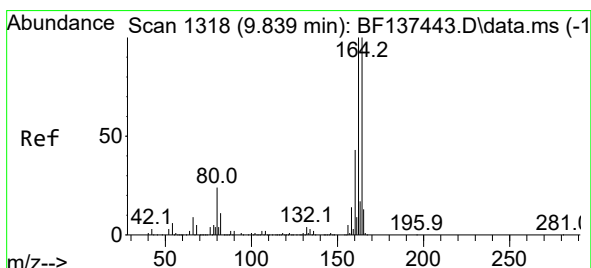
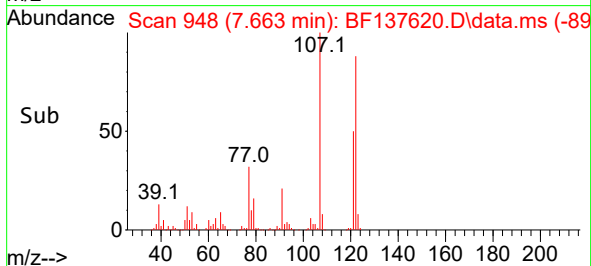
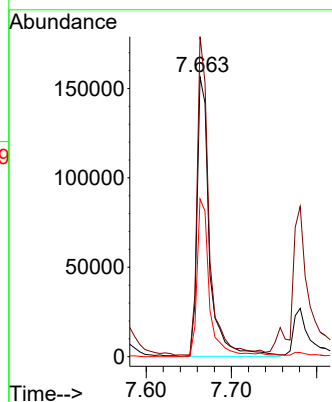
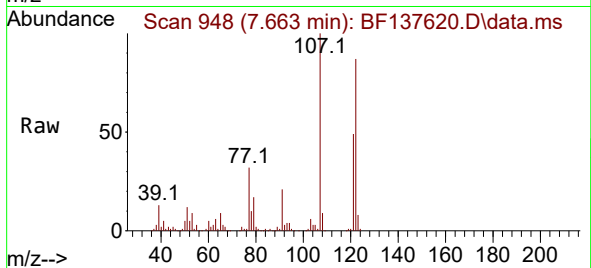




#27
2,4-Dimethylphenol
Concen: 20.773 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

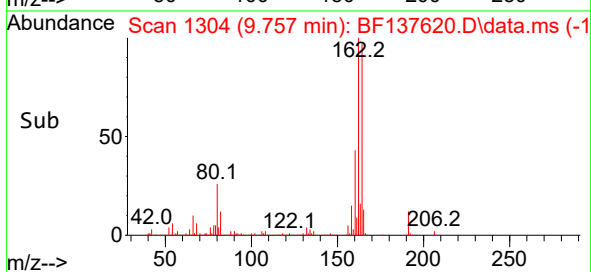
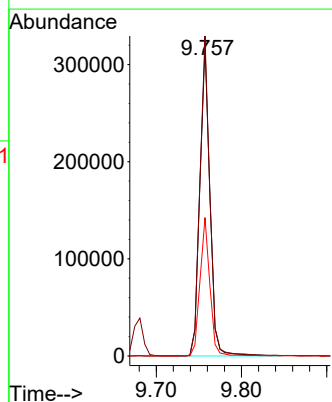
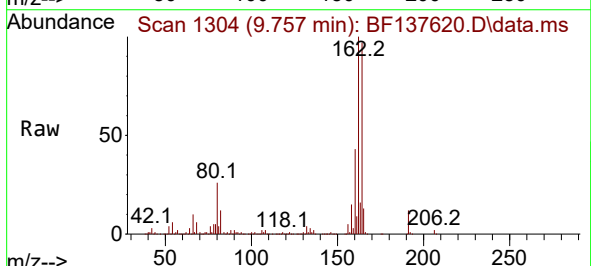
Instrument :
BNA_F
ClientSampleId :
MW-2DL

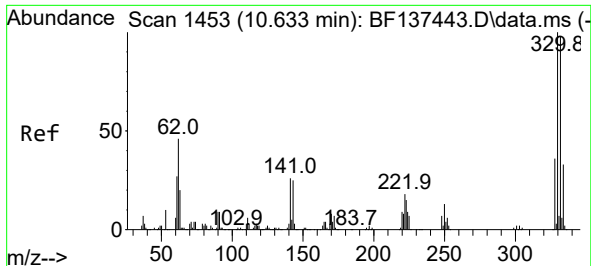
Tgt Ion:122 Resp: 158329
Ion Ratio Lower Upper
122 100
107 114.4 90.9 136.3
121 56.4 47.0 70.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137620.D
Acq: 15 Mar 2024 20:32

Tgt Ion:164 Resp: 263433
Ion Ratio Lower Upper
164 100
162 103.0 79.8 119.8
160 44.6 34.4 51.6

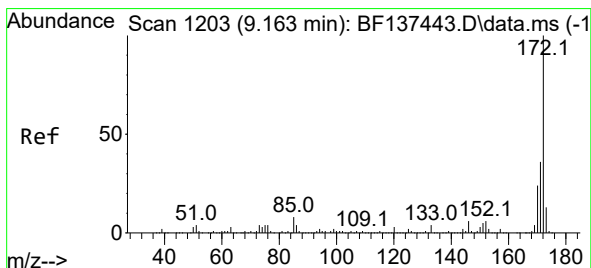
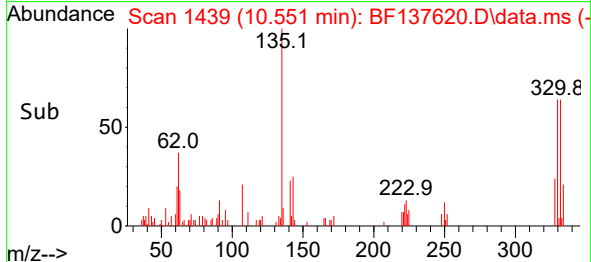
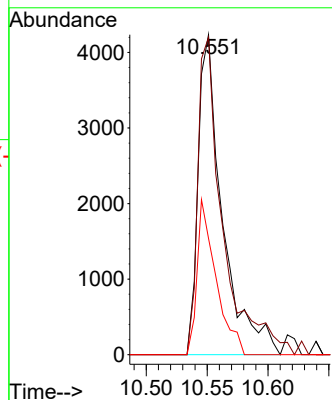
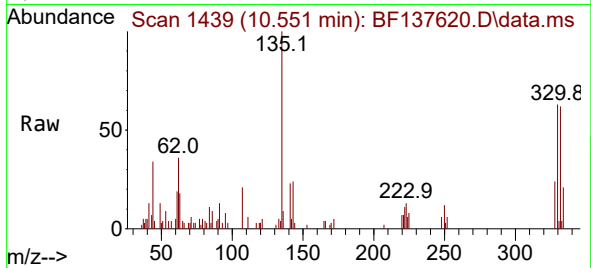




#42
 2,4,6-Tribromophenol
 Concen: 2.550 ng
 RT: 10.551 min Scan# 1453
 Delta R.T. 0.000 min
 Lab File: BF137620.D
 Acq: 15 Mar 2024 20:32

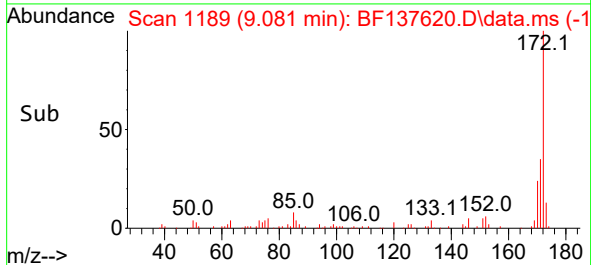
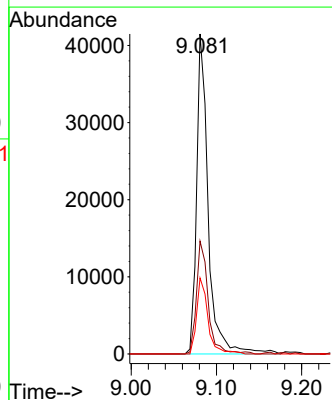
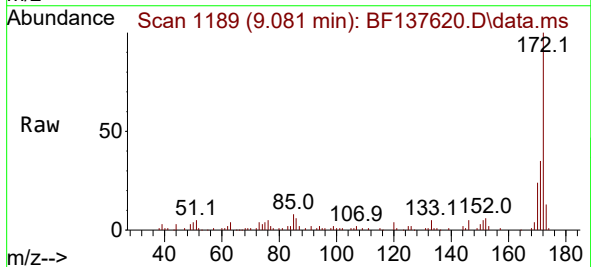
Instrument :
 BNA_F
 ClientSampleId :
 MW-2DL

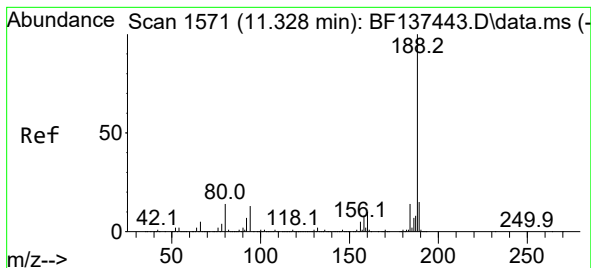
Tgt Ion: 330 Resp: 5900
 Ion Ratio Lower Upper
 330 100
 332 102.6 78.0 117.0
 141 37.6 27.3 40.9



#45
 2-Fluorobiphenyl
 Concen: 2.329 ng
 RT: 9.081 min Scan# 1189
 Delta R.T. -0.006 min
 Lab File: BF137620.D
 Acq: 15 Mar 2024 20:32

Tgt Ion: 172 Resp: 39202
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137620.D

Acq: 15 Mar 2024 20:32

Instrument :

BNA_F

ClientSampleId :

MW-2DL

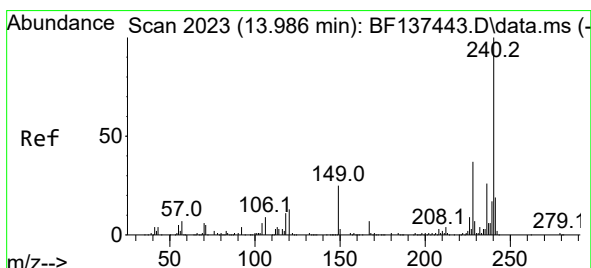
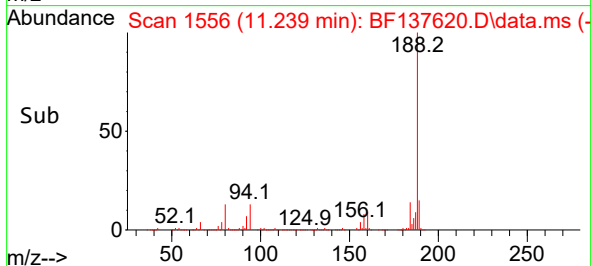
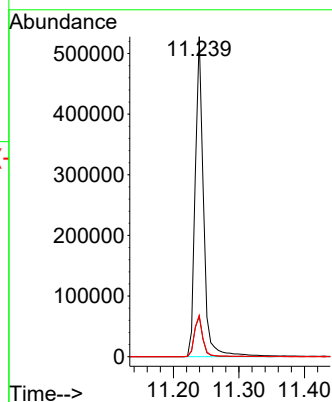
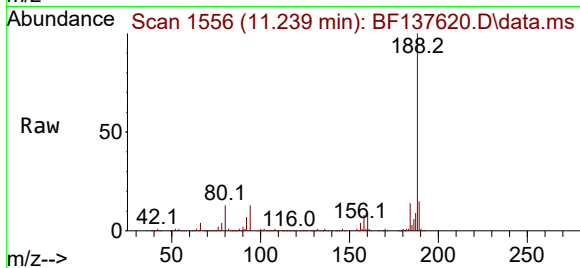
Tgt Ion:188 Resp: 467263

Ion Ratio Lower Upper

188 100

94 12.6 10.6 15.8

80 13.0 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BF137620.D

Acq: 15 Mar 2024 20:32

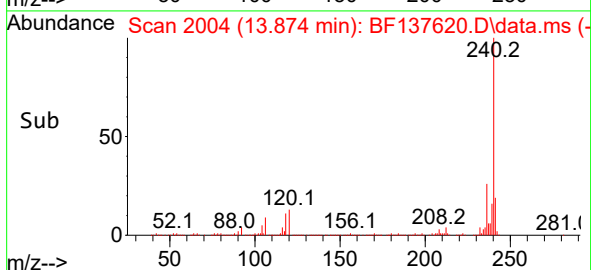
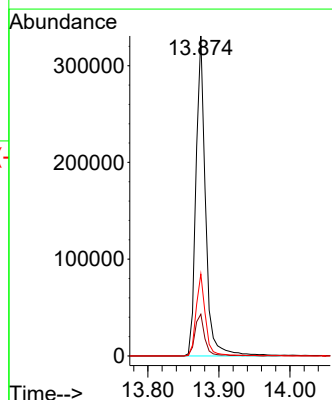
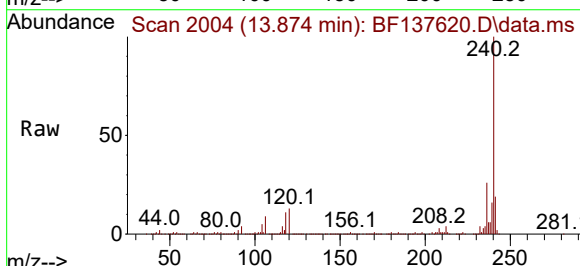
Tgt Ion:240 Resp: 311826

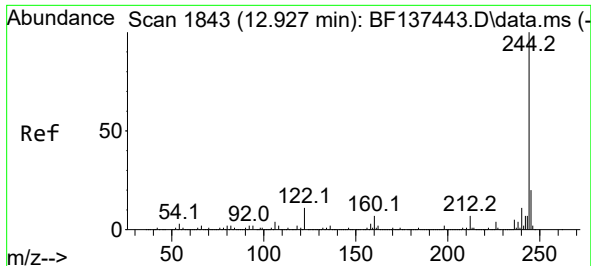
Ion Ratio Lower Upper

240 100

120 13.1 10.4 15.6

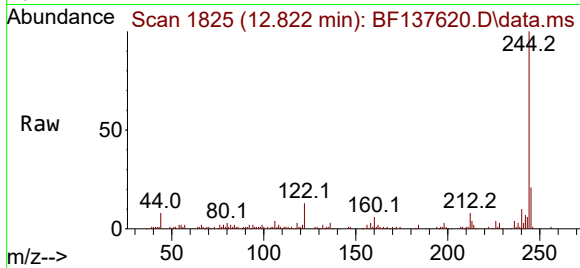
236 25.6 20.9 31.3



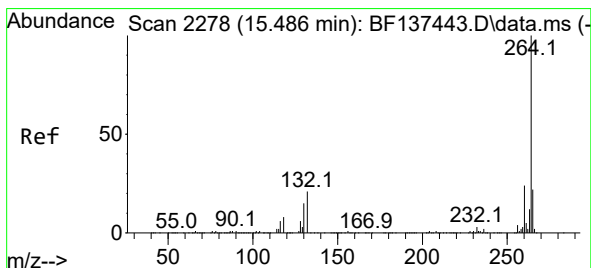
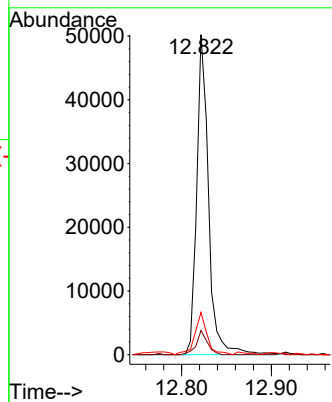
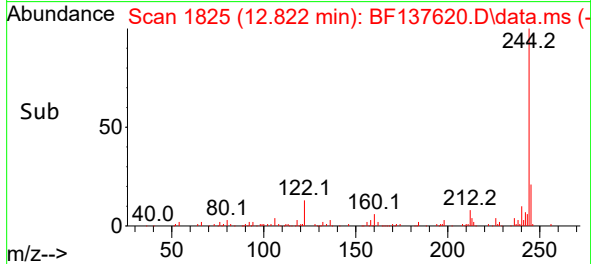


#79
 Terphenyl-d14
 Concen: 2.027 ng
 RT: 12.822 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137620.D
 Acq: 15 Mar 2024 20:32

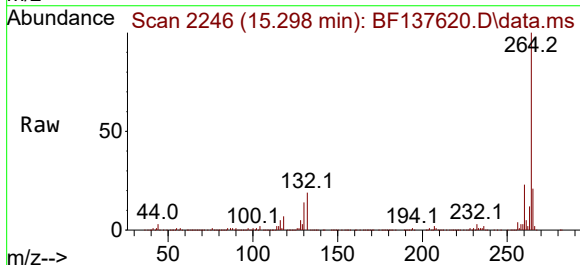
Instrument :
 BNA_F
 ClientSampleId :
 MW-2DL



Tgt Ion:244 Resp: 45956
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 13.2 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. 0.000 min
 Lab File: BF137620.D
 Acq: 15 Mar 2024 20:32



Tgt Ion:264 Resp: 317708
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 21.2 17.4 26.0

