

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137617.D
 Acq On : 15 Mar 2024 19:05
 Operator : CG\JU
 Sample : P1771-01DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1DL

Quant Time: Mar 15 23:24:00 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)

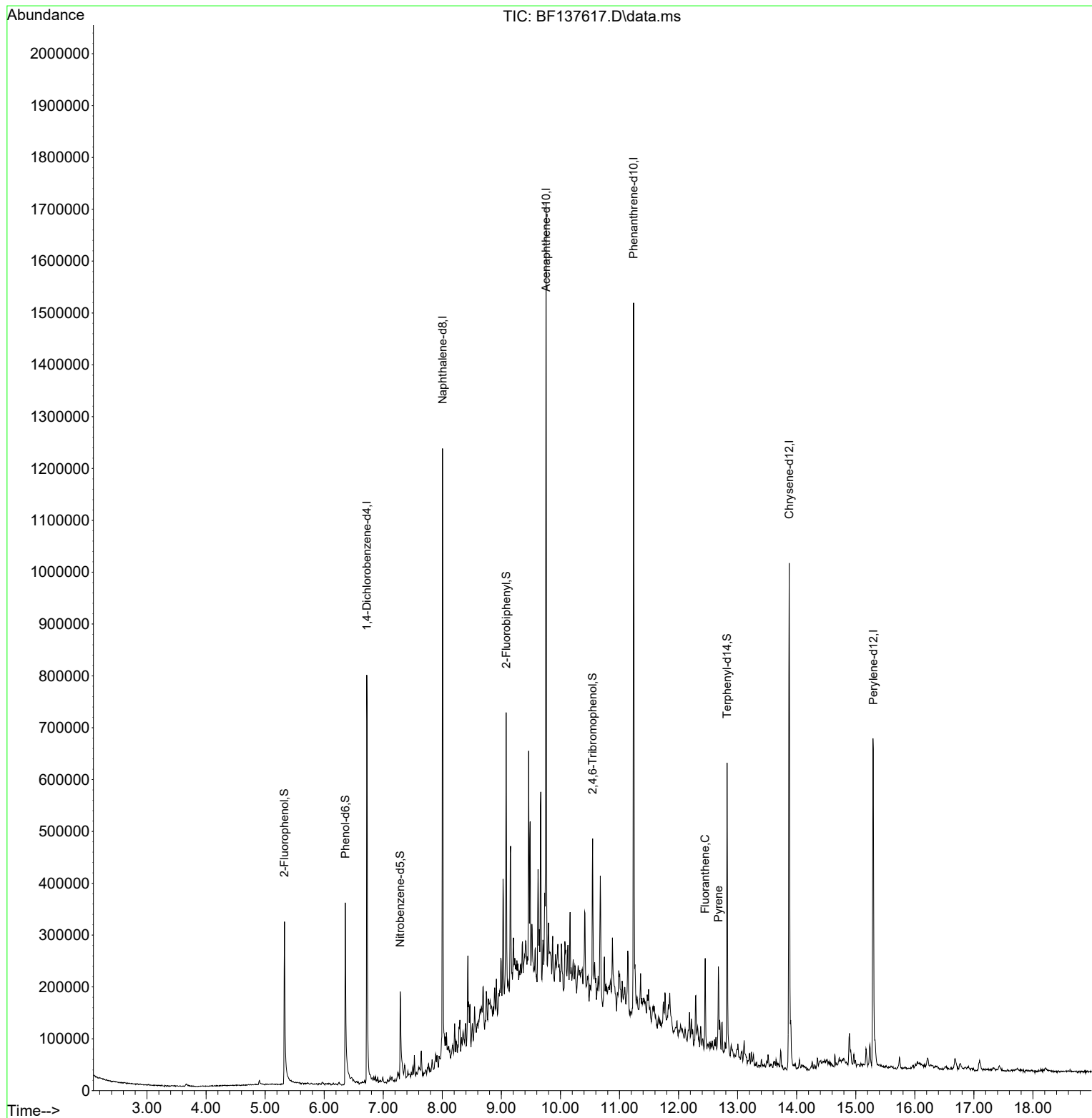
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	127819	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	502499	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	278061	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	499328	20.000	ng	0.00
76) Chrysene-d12	13.874	240	326790	20.000	ng	0.00
86) Perylene-d12	15.298	264	295085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	123982	14.691	ng	0.00
7) Phenol-d6	6.357	99	170881	14.027	ng	-0.01
23) Nitrobenzene-d5	7.287	82	91039	8.418	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	34573	14.158	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	168545	9.488	ng	0.00
79) Terphenyl-d14	12.822	244	183679	7.729	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.451	202	67193	2.530	ng	96
78) Pyrene	12.674	202	69296	2.161	ng	96

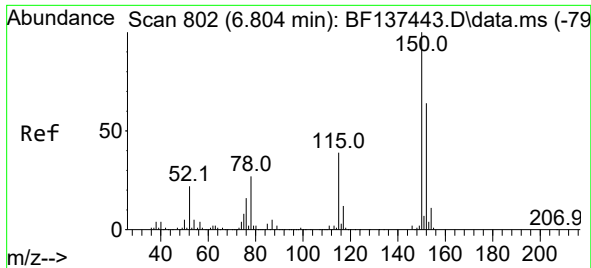
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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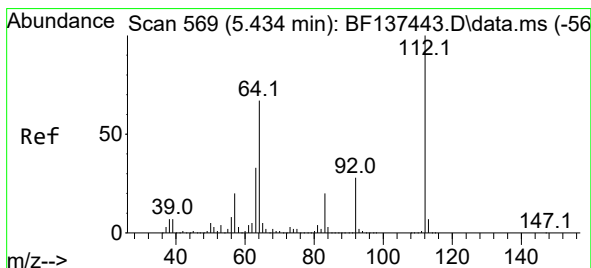
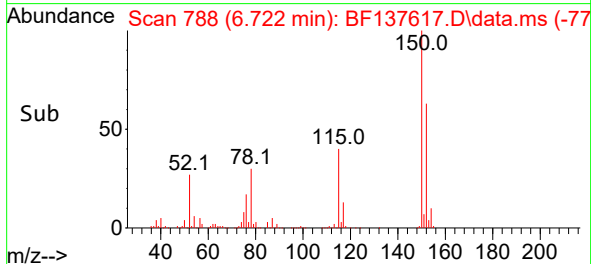
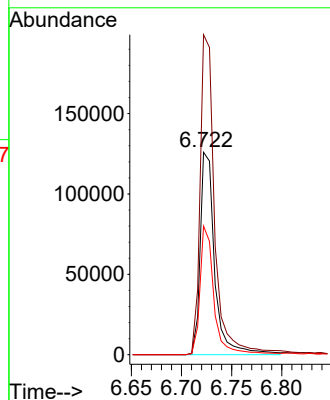
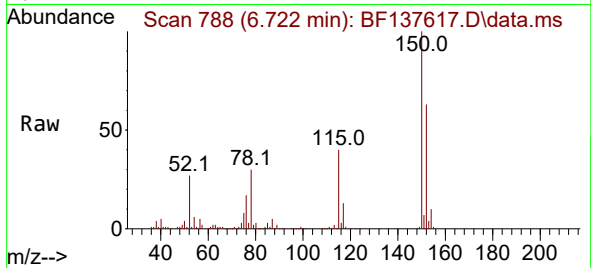




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

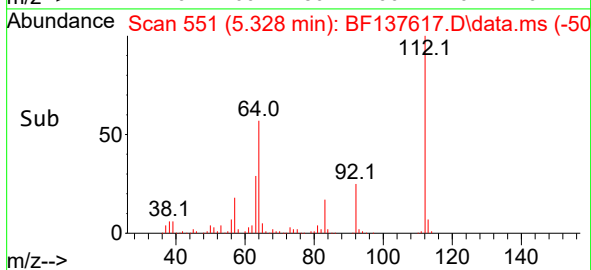
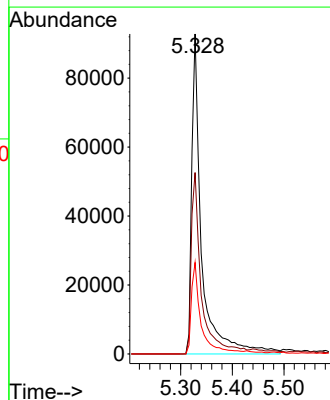
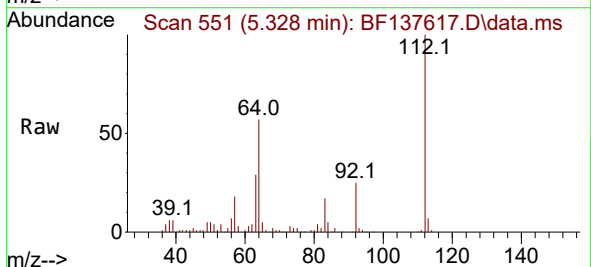
Instrument :
BNA_F
ClientSampleId :
COMP-1DL

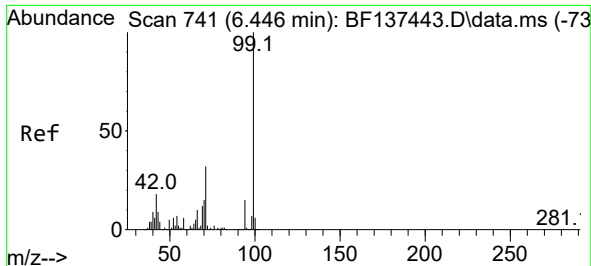
Tgt Ion:152 Resp: 127819
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 63.6 48.8 73.2



#5
2-Fluorophenol
Concen: 14.691 ng
RT: 5.328 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

Tgt Ion:112 Resp: 123982
Ion Ratio Lower Upper
112 100
64 56.7 53.4 80.2
63 28.6 26.2 39.2

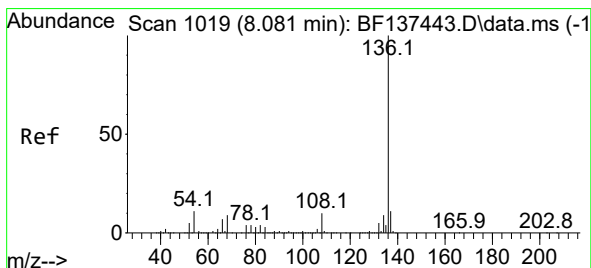
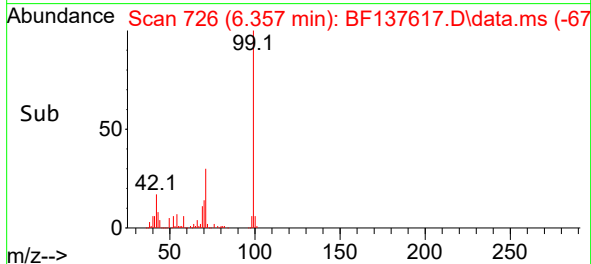
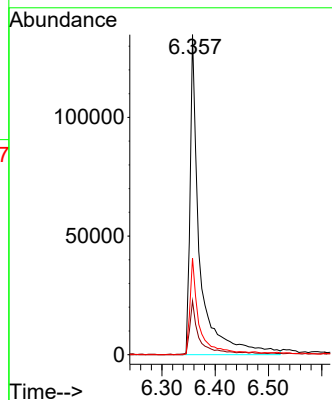
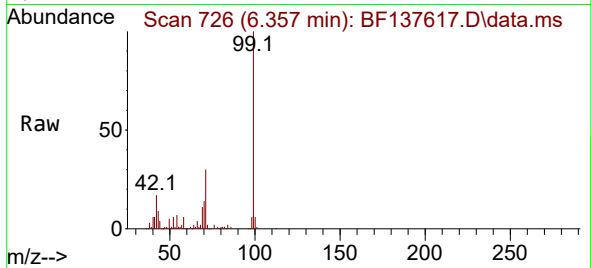




#7
Phenol-d6
Concen: 14.027 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

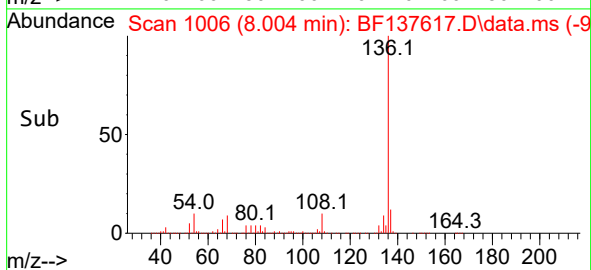
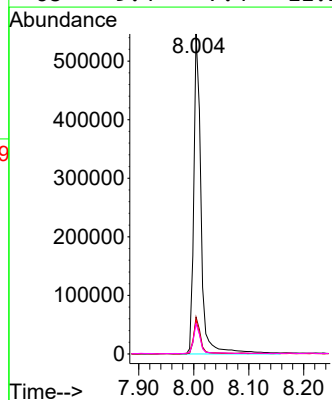
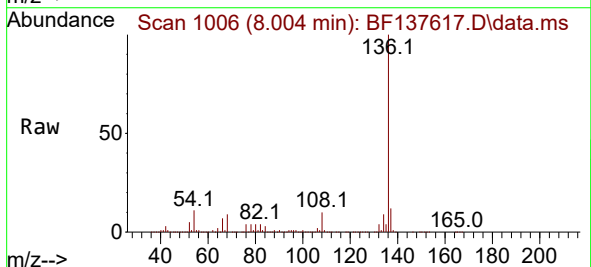
Instrument :
BNA_F
ClientSampleId :
COMP-1DL

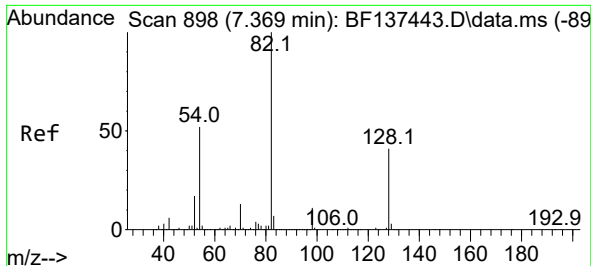
Tgt Ion: 99 Resp: 170881
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 30.2 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

Tgt Ion: 136 Resp: 502499
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 10.5 8.5 12.7
68 9.4 7.4 11.2





#23

Nitrobenzene-d5

Concen: 8.418 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF137617.D

Acq: 15 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1DL

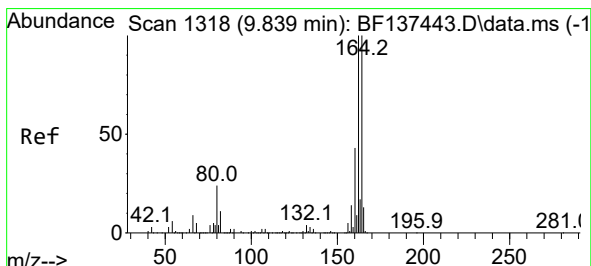
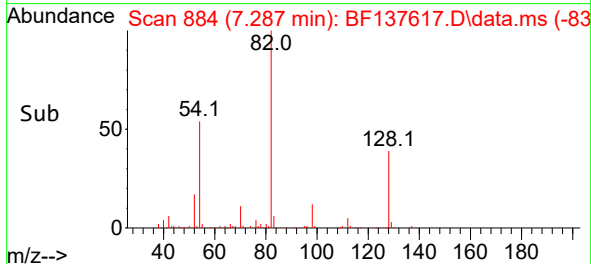
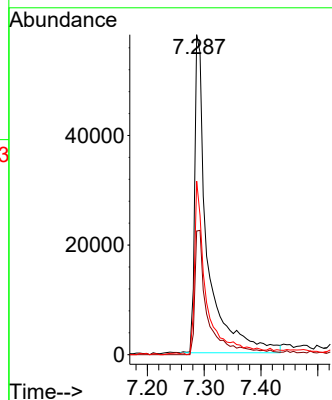
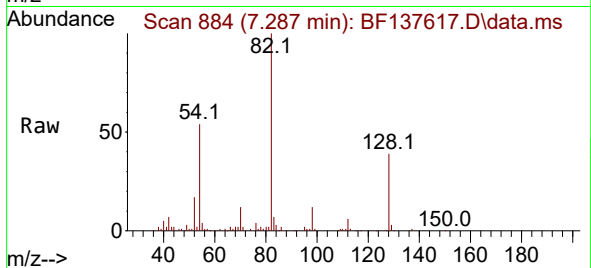
Tgt Ion: 82 Resp: 91039

Ion Ratio Lower Upper

82 100

128 38.6 32.5 48.7

54 54.2 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF137617.D

Acq: 15 Mar 2024 19:05

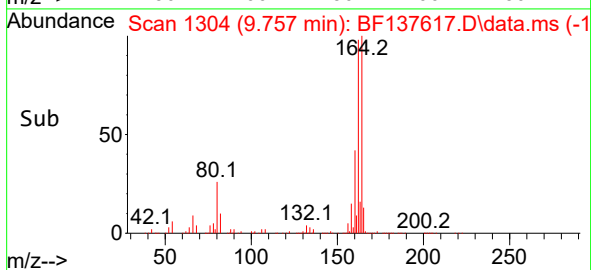
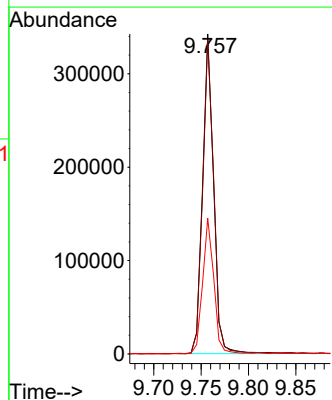
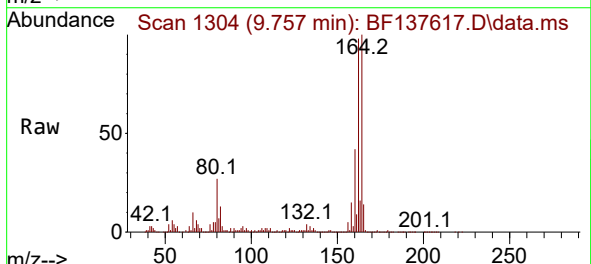
Tgt Ion:164 Resp: 278061

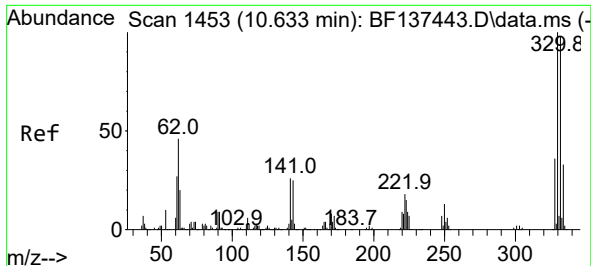
Ion Ratio Lower Upper

164 100

162 98.2 79.8 119.8

160 42.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 14.158 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137617.D

Acq: 15 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1DL

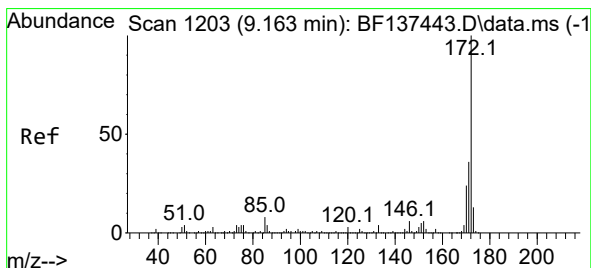
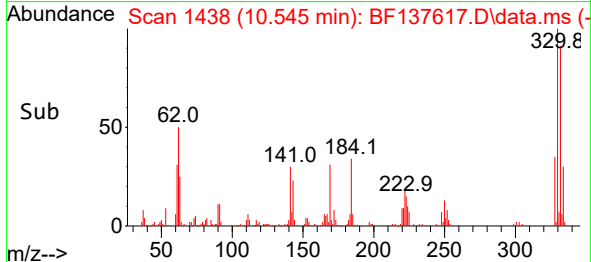
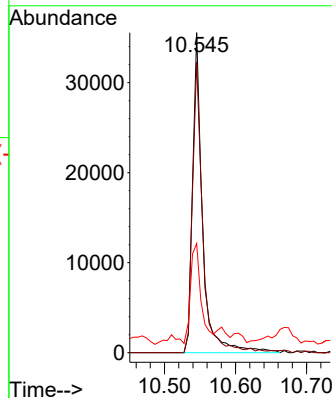
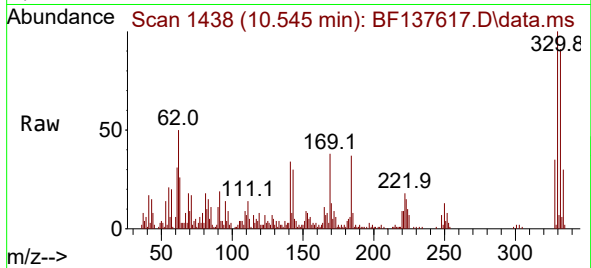
Tgt Ion:330 Resp: 34573

Ion Ratio Lower Upper

330 100

332 94.5 78.0 117.0

141 33.2 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 9.488 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137617.D

Acq: 15 Mar 2024 19:05

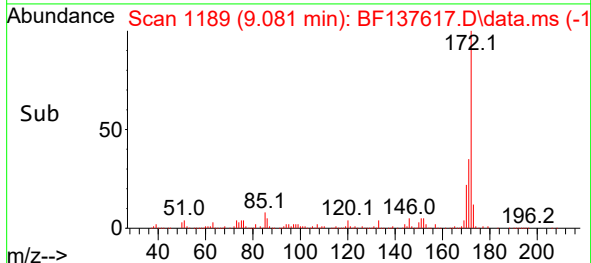
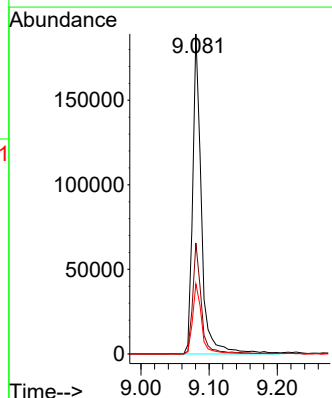
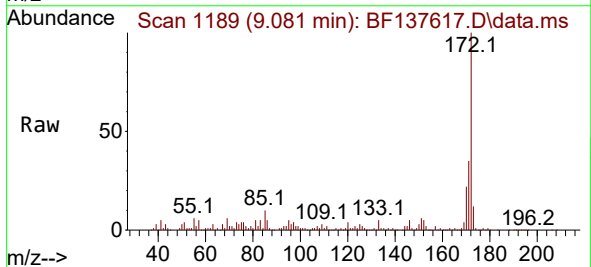
Tgt Ion:172 Resp: 168545

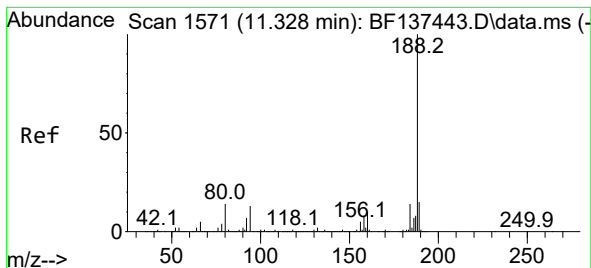
Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 21.9 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: BF137617.D

Acq: 15 Mar 2024 19:05

Instrument :

BNA_F

ClientSampleId :

COMP-1DL

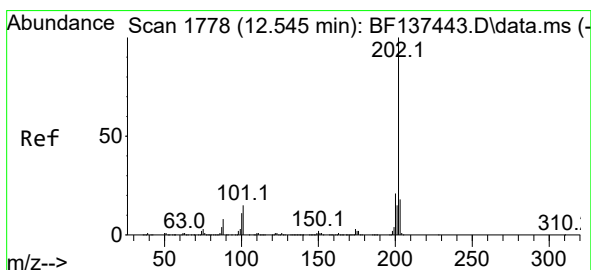
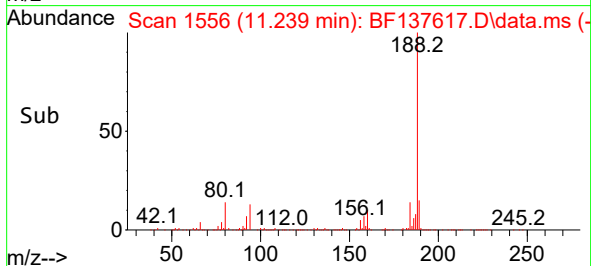
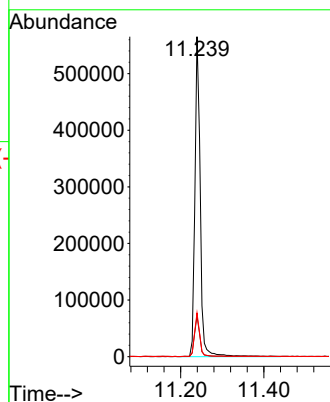
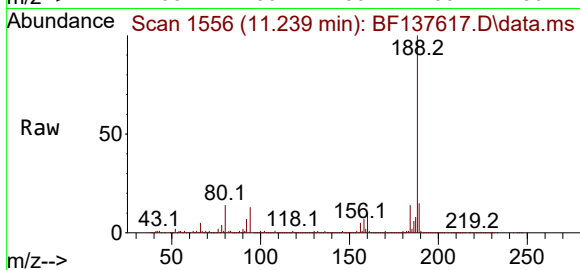
Tgt Ion:188 Resp: 499328

Ion Ratio Lower Upper

188 100

94 12.7 10.6 15.8

80 13.7 11.5 17.3



#75

Fluoranthene

Concen: 2.530 ng

RT: 12.451 min Scan# 1762

Delta R.T. -0.000 min

Lab File: BF137617.D

Acq: 15 Mar 2024 19:05

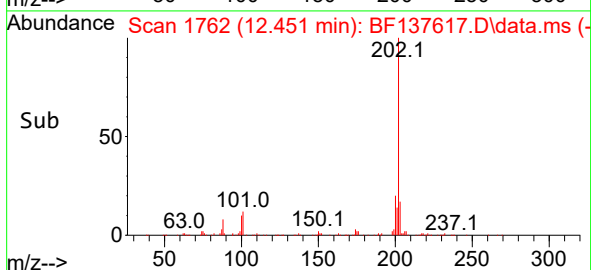
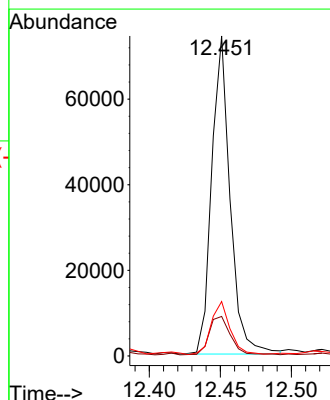
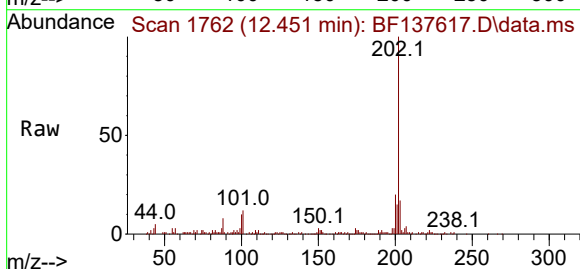
Tgt Ion:202 Resp: 67193

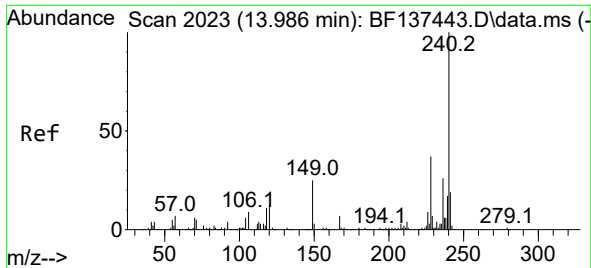
Ion Ratio Lower Upper

202 100

101 12.3 0.0 35.0

203 17.0 0.0 37.7

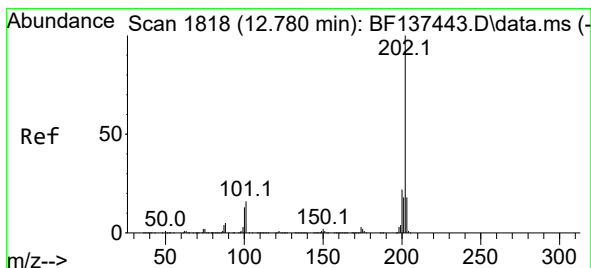
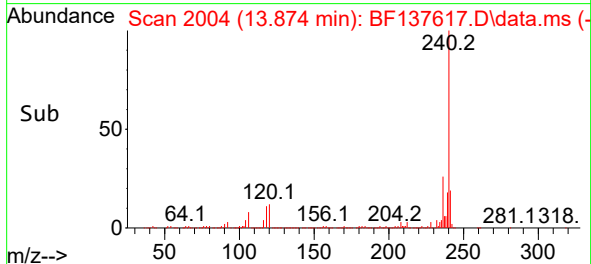
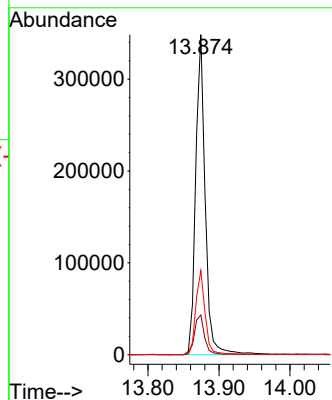
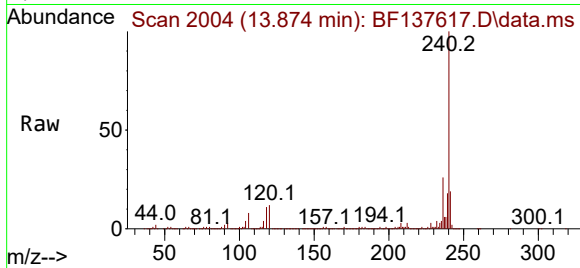




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

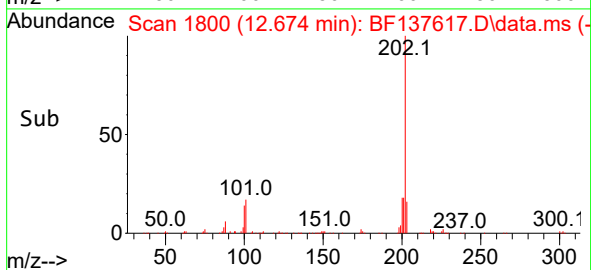
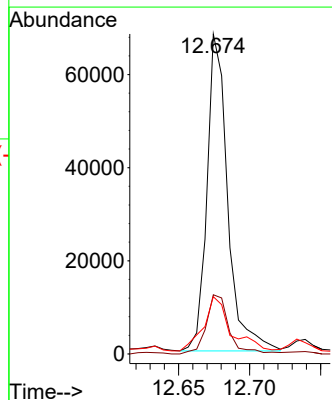
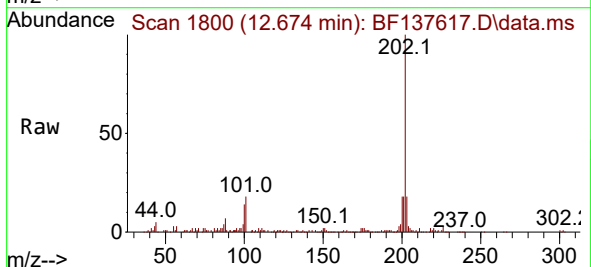
Instrument :
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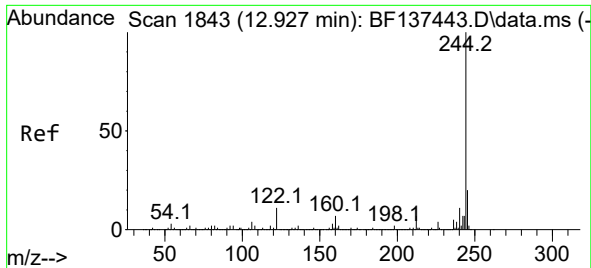
Tgt Ion:240 Resp: 326790
Ion Ratio Lower Upper
240 100
120 12.4 10.4 15.6
236 26.3 20.9 31.3



#78
Pyrene
Concen: 2.161 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF137617.D
Acq: 15 Mar 2024 19:05

Tgt Ion:202 Resp: 69296
Ion Ratio Lower Upper
202 100
200 18.5 17.4 26.2
203 17.9 14.1 21.1

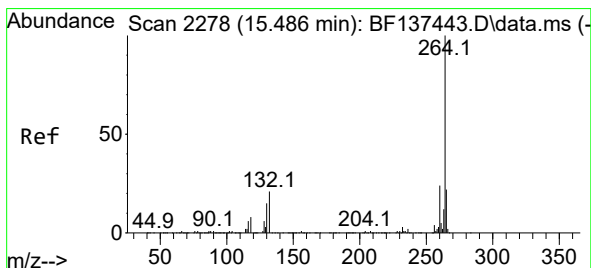
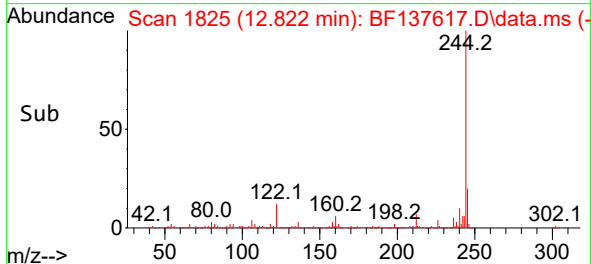
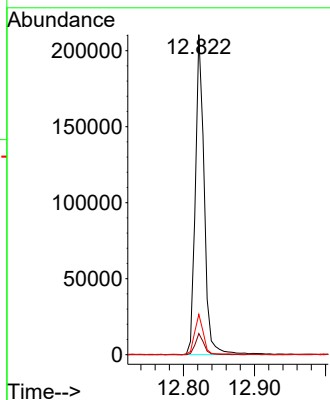
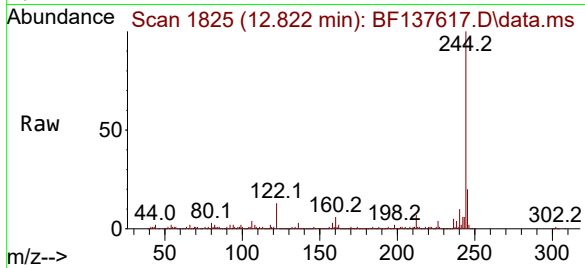




#79
 Terphenyl-d14
 Concen: 7.729 ng
 RT: 12.822 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137617.D
 Acq: 15 Mar 2024 19:05

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1DL

Tgt Ion:244 Resp: 183679
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 12.6 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: BF137617.D
 Acq: 15 Mar 2024 19:05

Tgt Ion:264 Resp: 295085
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 21.5 17.4 26.0

