

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137618.D
 Acq On : 15 Mar 2024 19:34
 Operator : CG\JU
 Sample : P1771-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Mar 15 23:24:17 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)

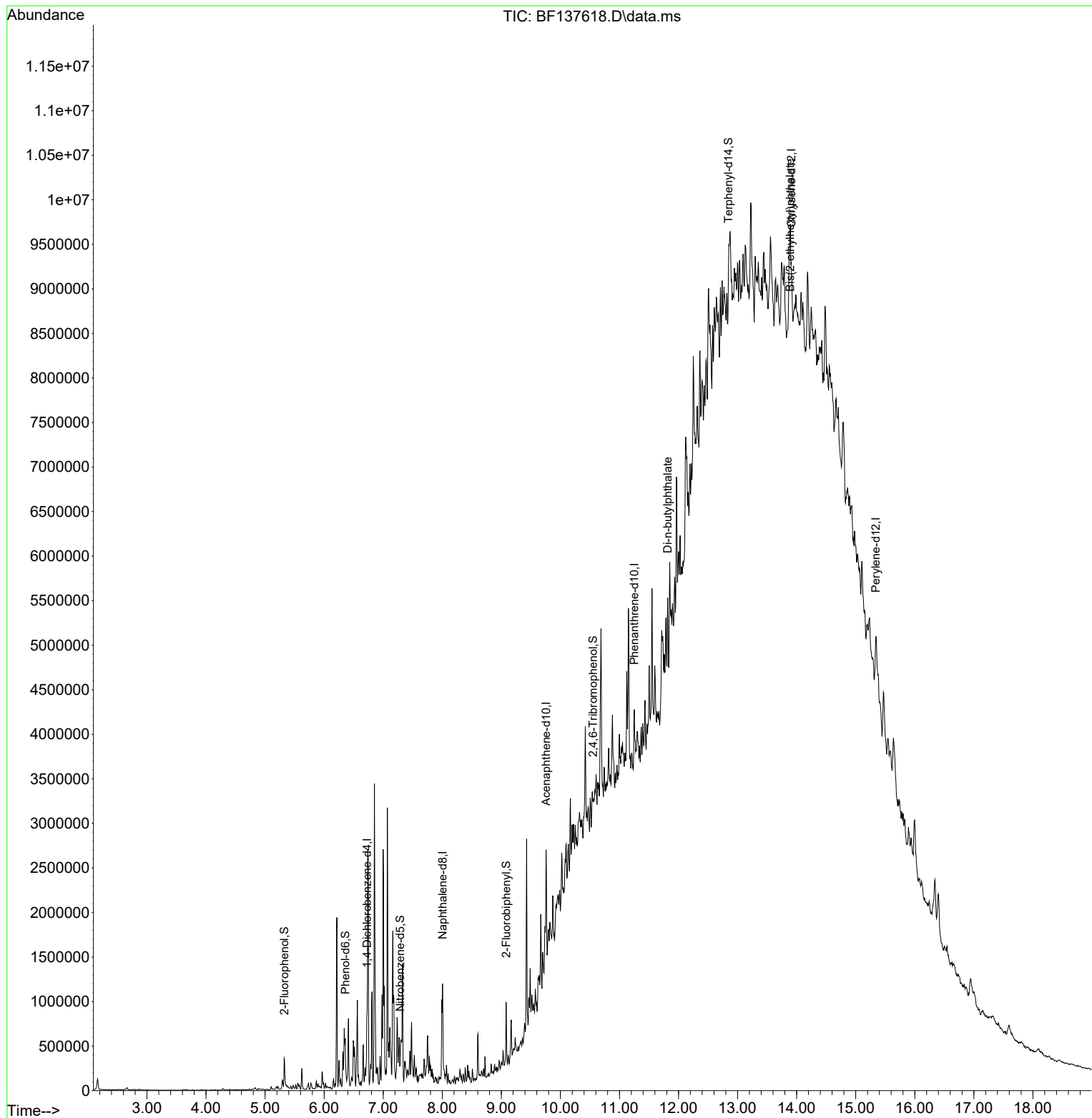
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	113478	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	441372	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	200314	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	288442	20.000	ng	# 0.01
76) Chrysene-d12	13.910	240	226856	20.000	ng	0.04
86) Perylene-d12	15.339	264	267788	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	137364	18.333	ng	0.00
7) Phenol-d6	6.357	99	182441	16.869	ng	-0.01
23) Nitrobenzene-d5	7.287	82	96774	10.188	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	27757	15.779	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	207143	16.187	ng	0.00
79) Terphenyl-d14	12.845	244	165277	10.018	ng	0.02
Target Compounds						
74) Di-n-butylphthalate	11.816	149	214747	13.070	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.892	149	535826	74.157	ng	# 90

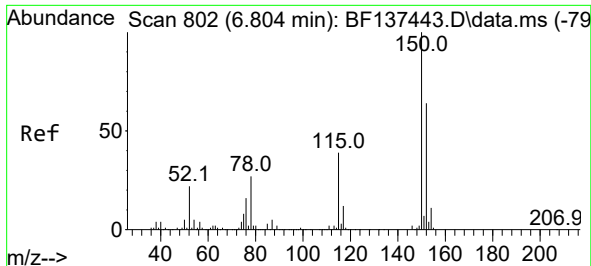
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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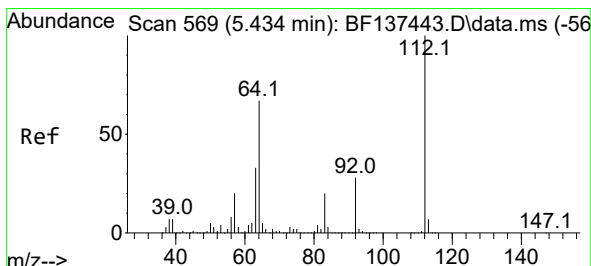
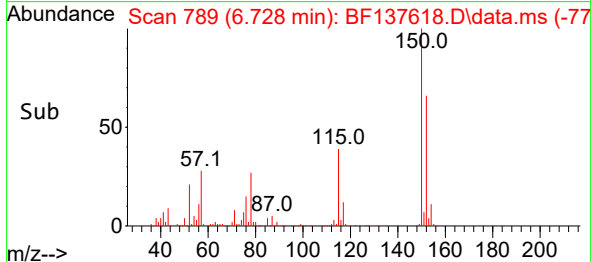
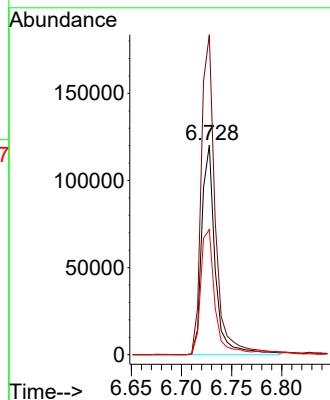
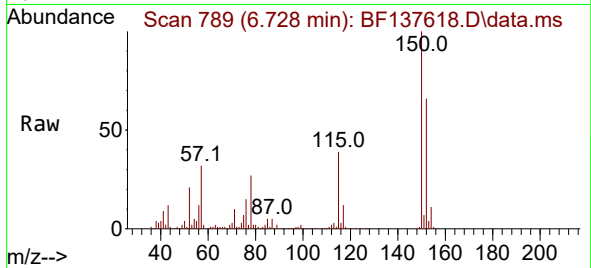




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137618.D
Acq: 15 Mar 2024 19:34

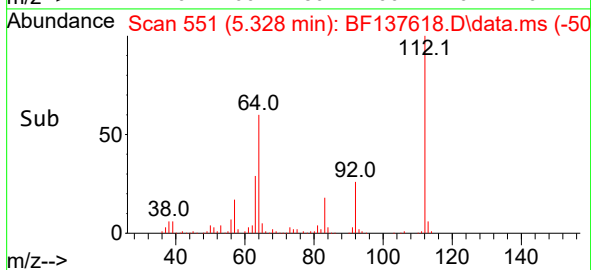
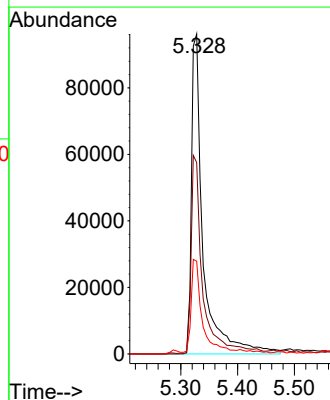
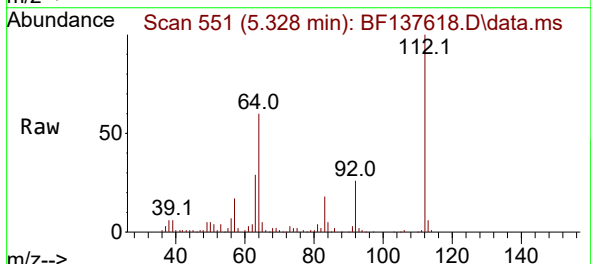
Instrument :
BNA_F
ClientSampleId :
COMP-3

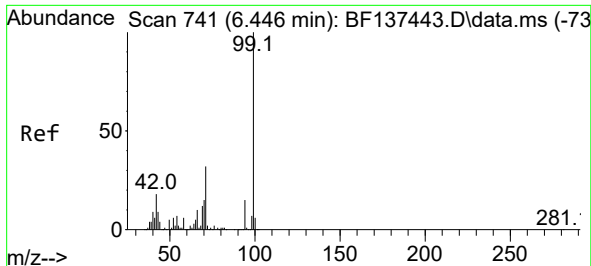
Tgt Ion:152 Resp: 113478
Ion Ratio Lower Upper
152 100
150 152.7 125.8 188.6
115 59.7 48.8 73.2



#5
2-Fluorophenol
Concen: 18.333 ng
RT: 5.328 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF137618.D
Acq: 15 Mar 2024 19:34

Tgt Ion:112 Resp: 137364
Ion Ratio Lower Upper
112 100
64 59.8 53.4 80.2
63 29.0 26.2 39.2

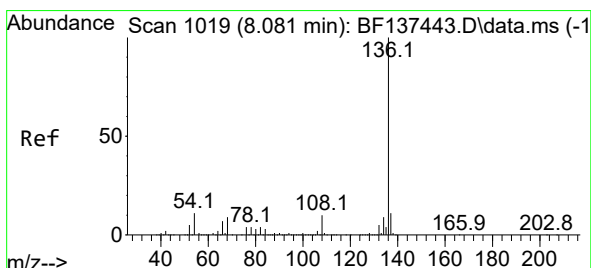
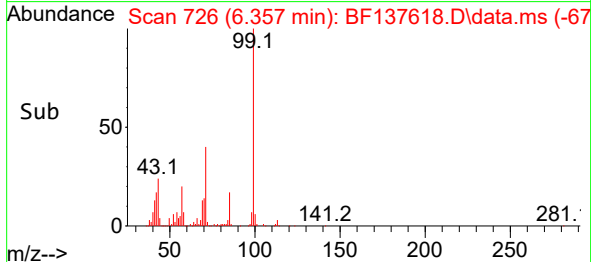
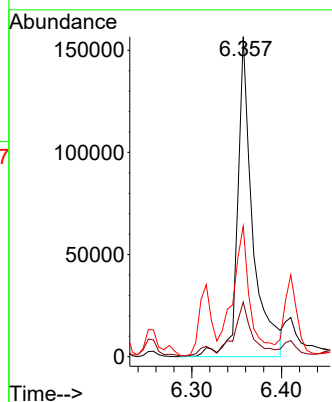
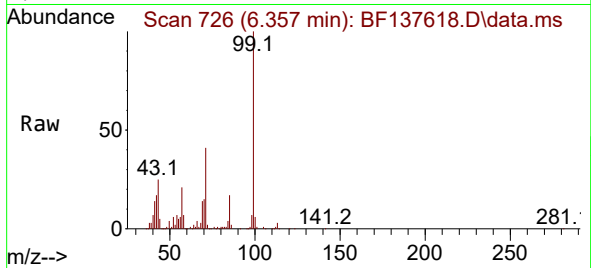




#7
Phenol-d6
Concen: 16.869 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137618.D
Acq: 15 Mar 2024 19:34

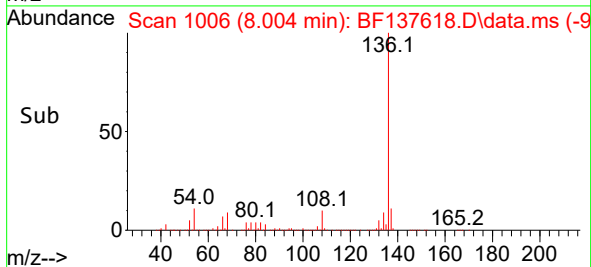
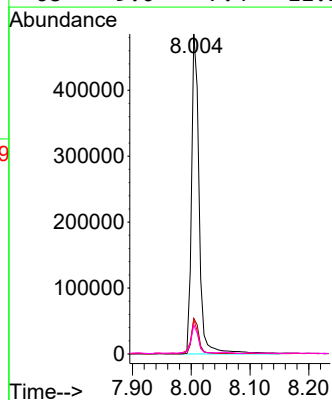
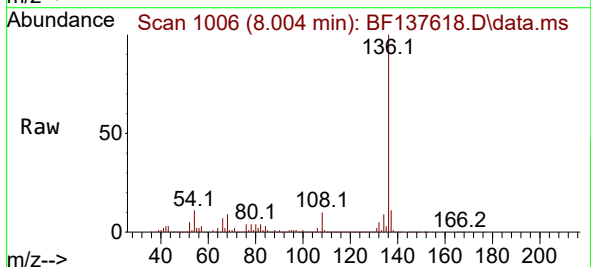
Instrument :
BNA_F
ClientSampleId :
COMP-3

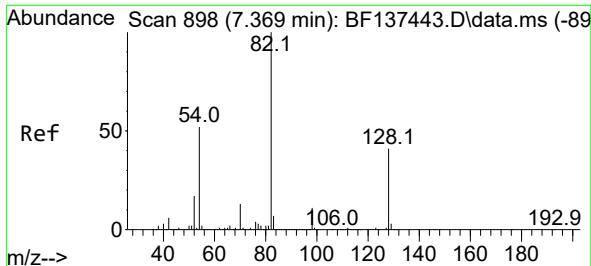
Tgt Ion: 99 Resp: 182441
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 40.8 25.3 37.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137618.D
Acq: 15 Mar 2024 19:34

Tgt Ion: 136 Resp: 441372
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.8 8.5 12.7
68 9.0 7.4 11.2





#23

Nitrobenzene-d5

Concen: 10.188 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

Instrument :

BNA_F

ClientSampleId :

COMP-3

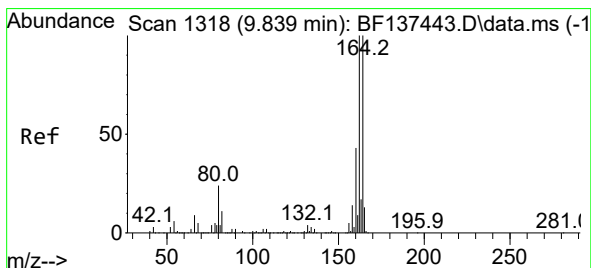
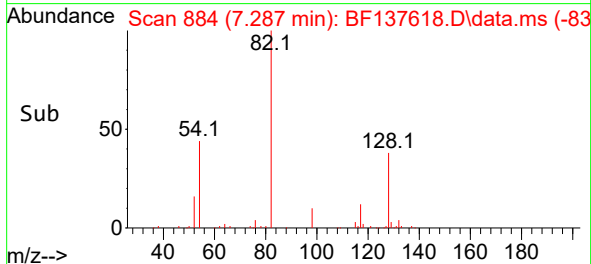
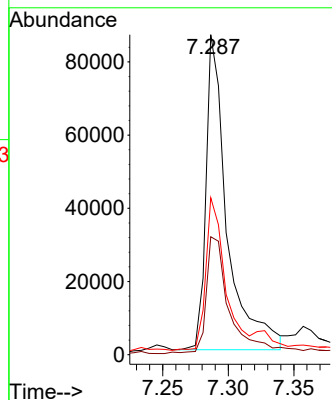
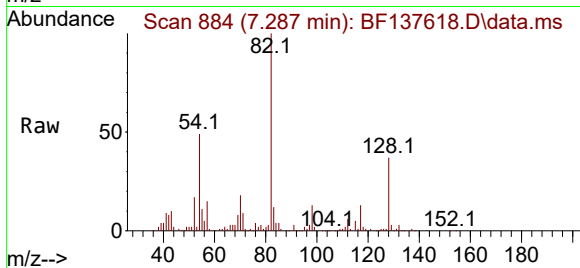
Tgt Ion: 82 Resp: 96774

Ion Ratio Lower Upper

82 100

128 36.9 32.5 48.7

54 49.1 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: BF137618.D

Acq: 15 Mar 2024 19:34

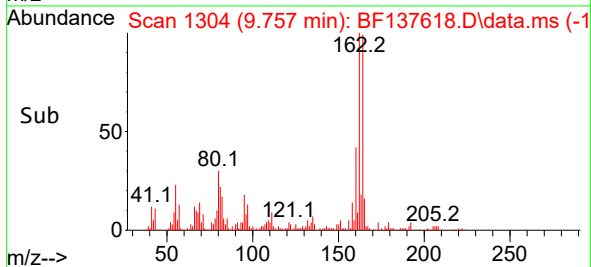
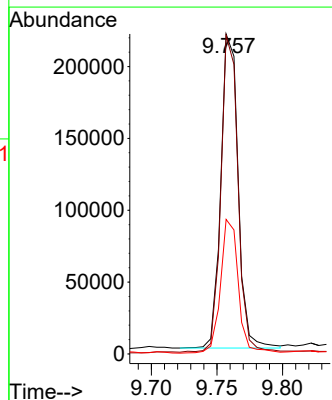
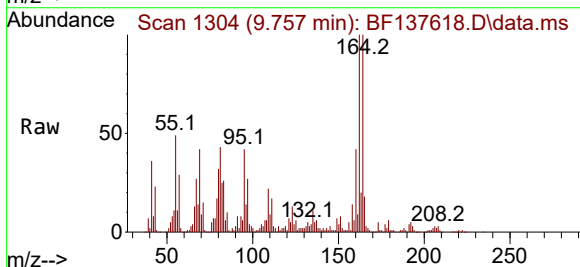
Tgt Ion:164 Resp: 200314

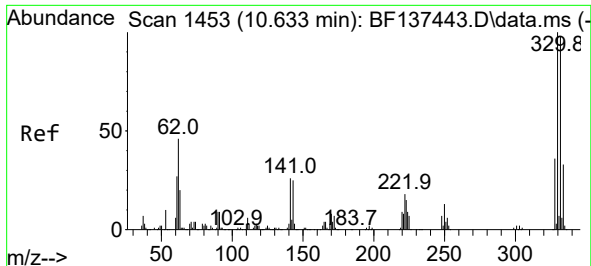
Ion Ratio Lower Upper

164 100

162 99.5 79.8 119.8

160 42.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 15.779 ng

RT: 10.551 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

Instrument :

BNA_F

ClientSampleId :

COMP-3

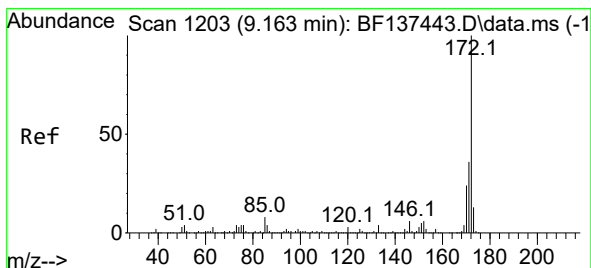
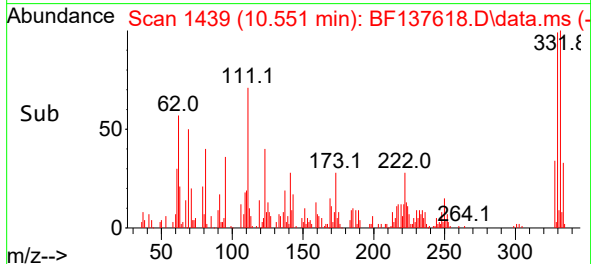
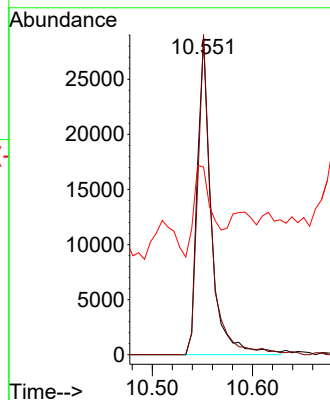
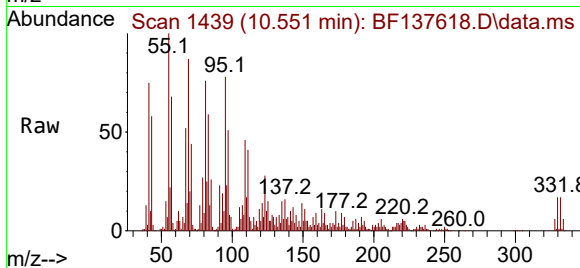
Tgt Ion:330 Resp: 27757

Ion Ratio Lower Upper

330 100

332 99.5 78.0 117.0

141 37.5 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 16.187 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

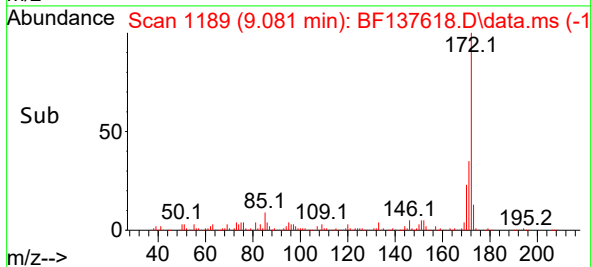
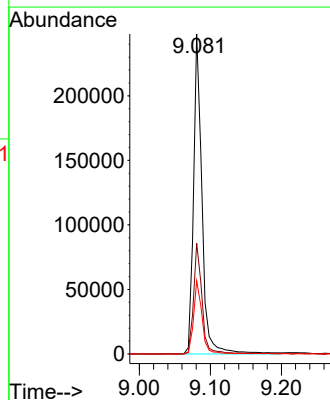
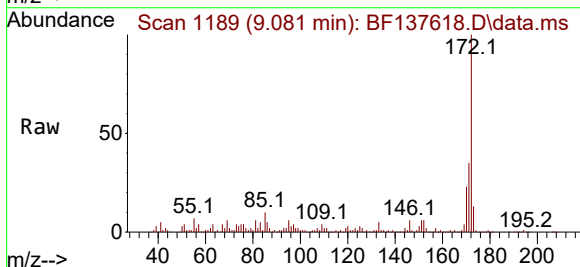
Tgt Ion:172 Resp: 207143

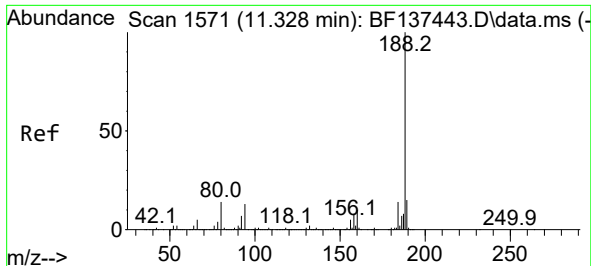
Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 22.9 19.0 28.6

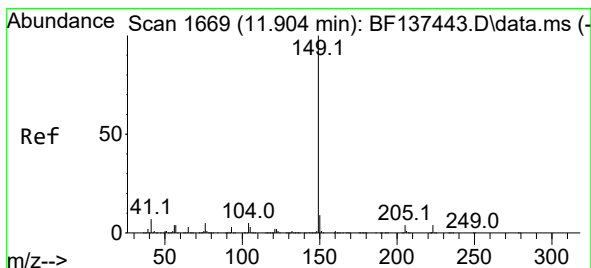
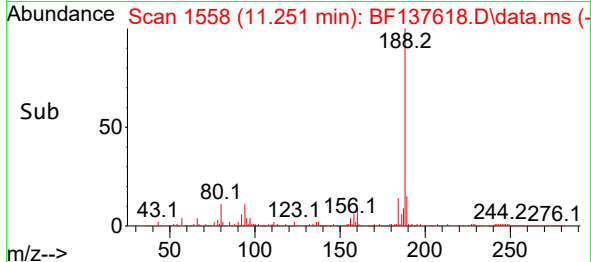
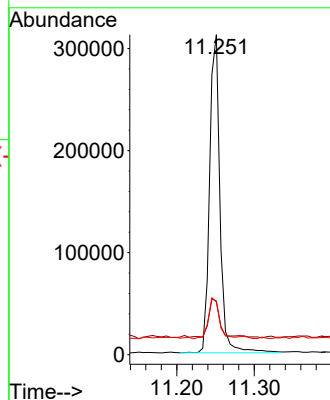
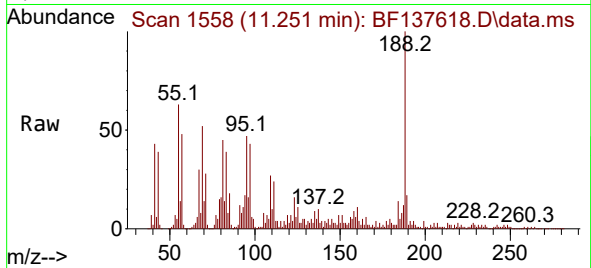




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137618.D
Acq: 15 Mar 2024 19:34

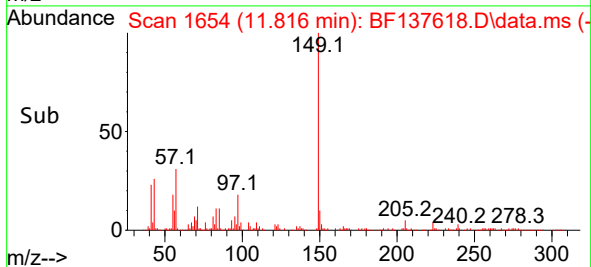
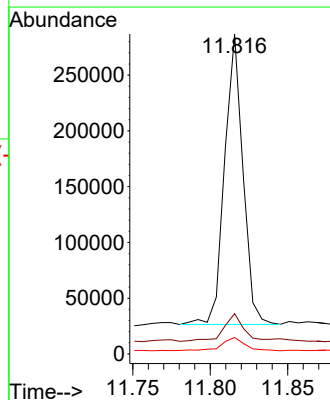
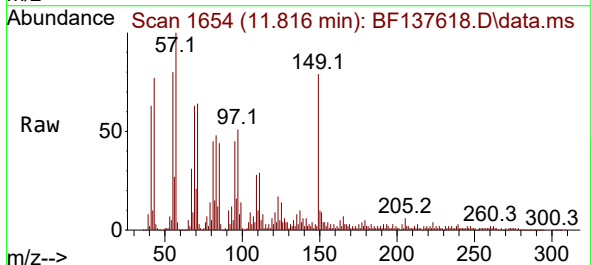
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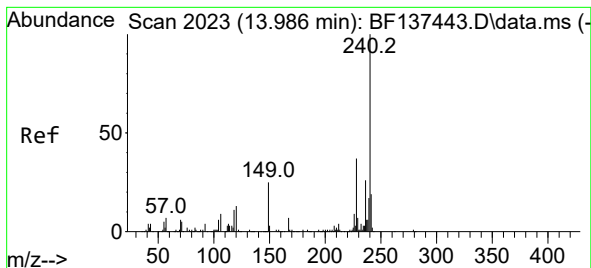
Tgt Ion:188 Resp: 288442
Ion Ratio Lower Upper
188 100
94 16.8 10.6 15.8#
80 16.5 11.5 17.3



#74
Di-n-butylphthalate
Concen: 13.070 ng
RT: 11.816 min Scan# 1654
Delta R.T. 0.006 min
Lab File: BF137618.D
Acq: 15 Mar 2024 19:34

Tgt Ion:149 Resp: 214747
Ion Ratio Lower Upper
149 100
150 12.6 7.4 11.0#
104 5.2 3.8 5.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.910 min Scan# 20

Delta R.T. 0.035 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

Instrument :

BNA_F

ClientSampleId :

COMP-3

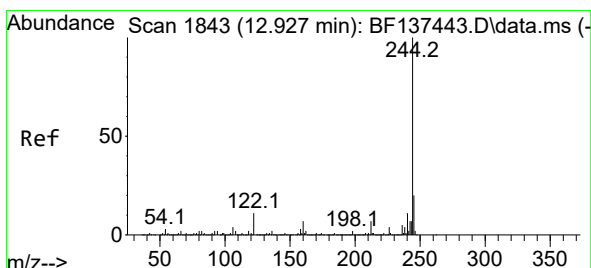
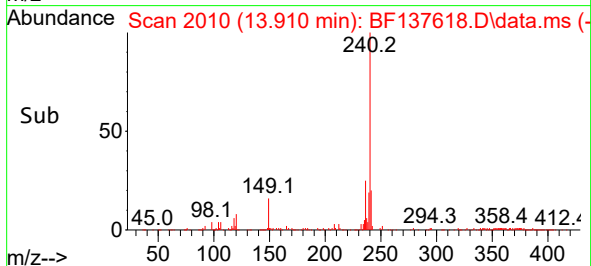
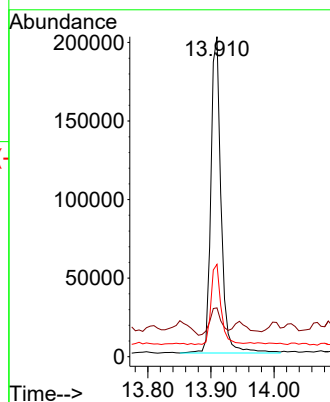
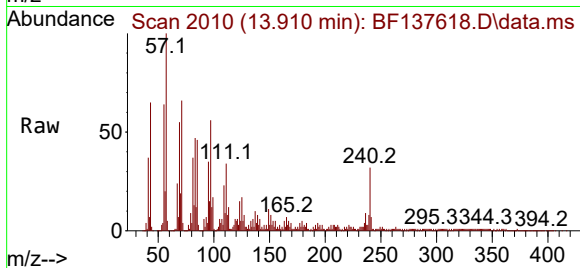
Tgt Ion:240 Resp: 226856

Ion Ratio Lower Upper

240 100

120 15.3 10.4 15.6

236 28.9 20.9 31.3



#79

Terphenyl-d14

Concen: 10.018 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.018 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

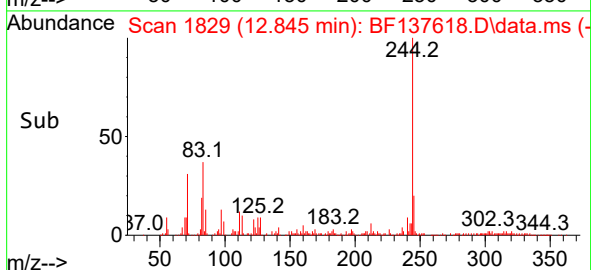
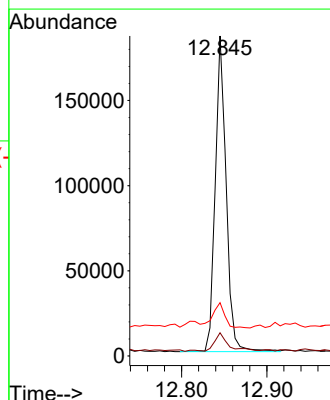
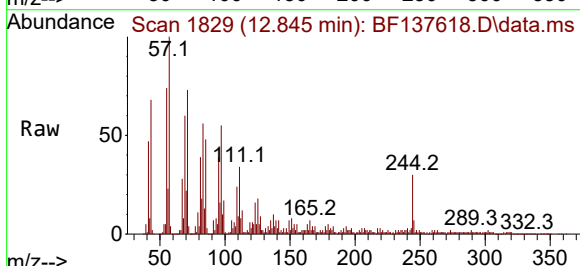
Tgt Ion:244 Resp: 165277

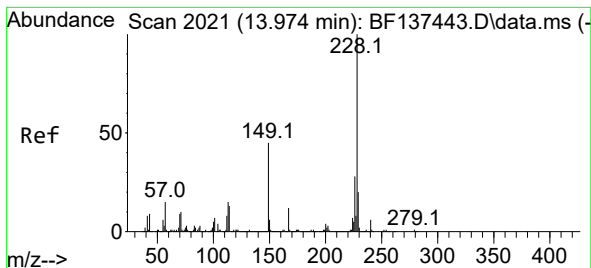
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 16.7 9.1 13.7#

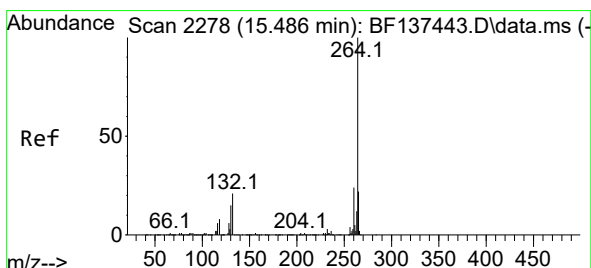
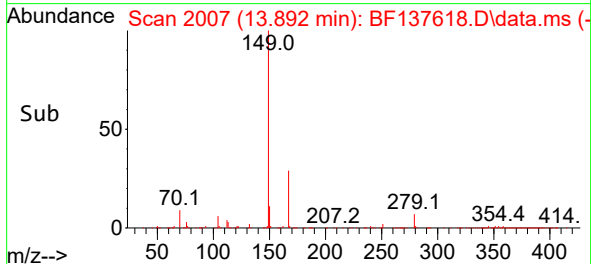
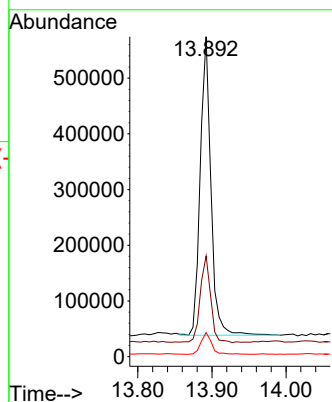
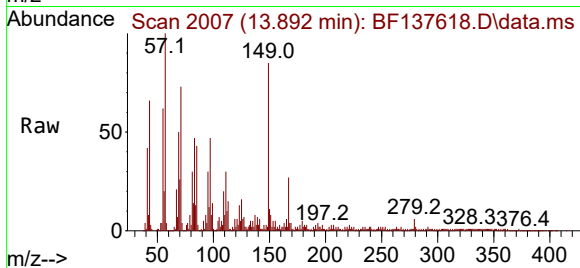




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 74.157 ng
 RT: 13.892 min Scan# 20
 Delta R.T. 0.029 min
 Lab File: BF137618.D
 Acq: 15 Mar 2024 19:34

Instrument :
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 ClientSampleId :
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Tgt Ion:149 Resp: 535826
 Ion Ratio Lower Upper
 149 100
 167 31.5 21.3 31.9
 279 7.5 2.6 4.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.339 min Scan# 2253
 Delta R.T. 0.041 min
 Lab File: BF137618.D
 Acq: 15 Mar 2024 19:34

Tgt Ion:264 Resp: 267788
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.3 28.9
 265 22.0 17.4 26.0

