

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137550.D
 Acq On : 08 Mar 2024 18:41
 Operator : CG\JU
 Sample : P1701-02 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RCA-2-COMP

Quant Time: Mar 08 22:19:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 22:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	197997	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	773738	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	400833	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	585003	20.000	ng	0.00
76) Chrysene-d12	14.080	240	416942	20.000	ng	0.00
86) Perylene-d12	15.627	264	428600	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	241093	18.442	ng	0.00
7) Phenol-d6	6.534	99	321380	17.031	ng	0.00
23) Nitrobenzene-d5	7.451	82	168116	10.096	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	48696	13.834	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	367072	14.335	ng	0.00
79) Terphenyl-d14	13.016	244	278008	9.169	ng	0.00

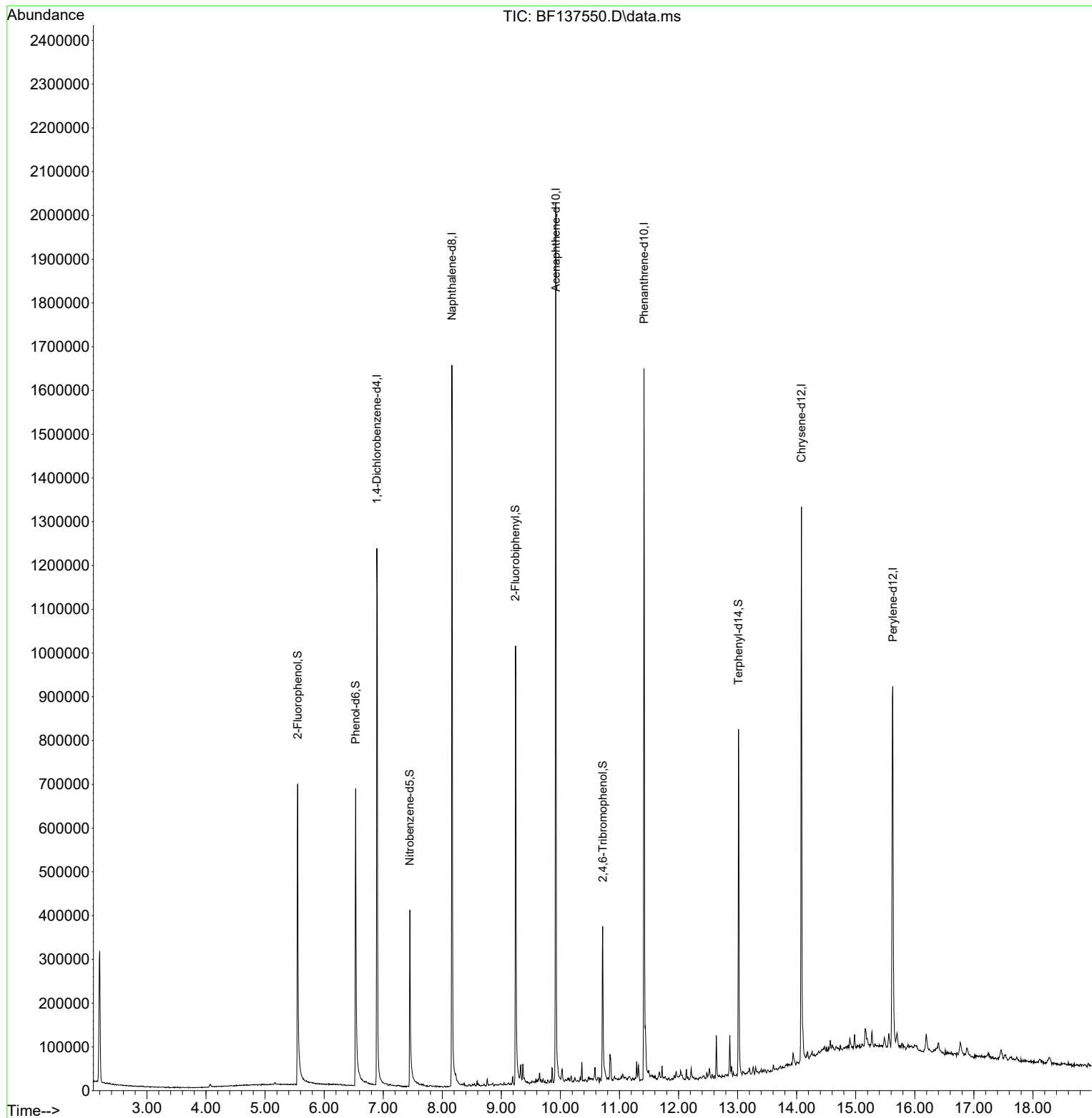
Target Compounds	Qvalue

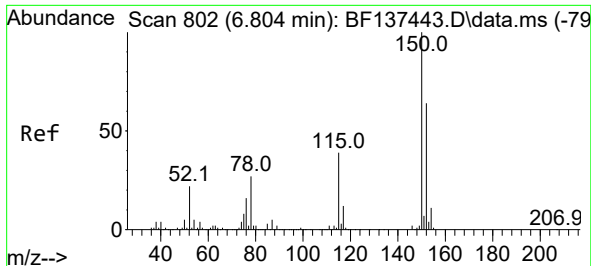
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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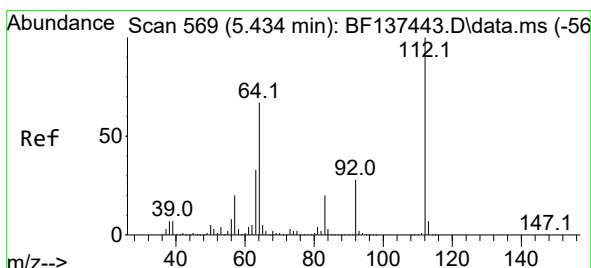
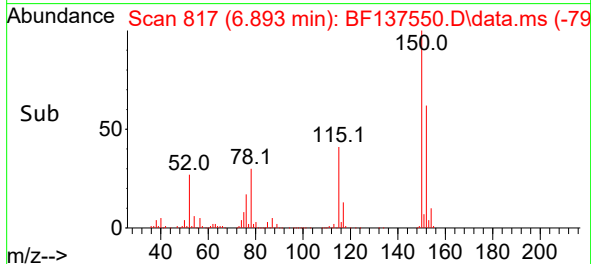
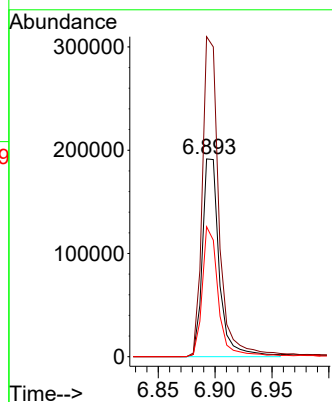
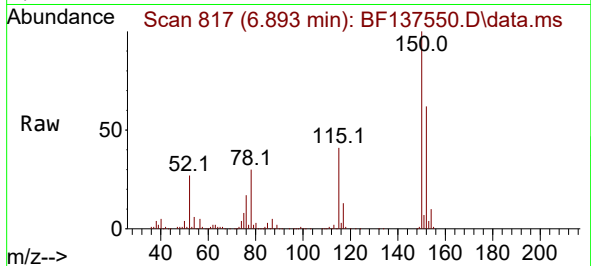




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

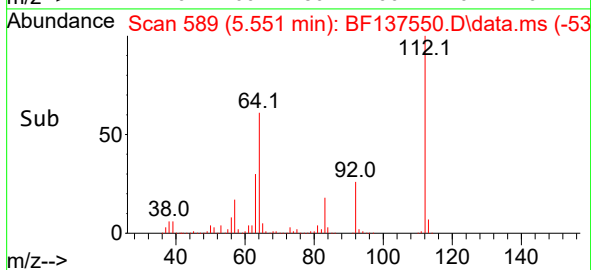
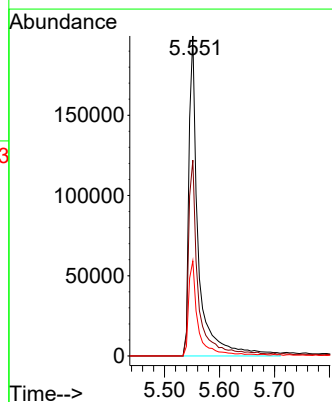
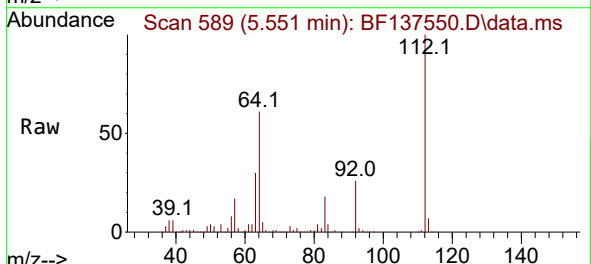
Instrument :
BNA_F
ClientSampleId :
RCA-2-COMP

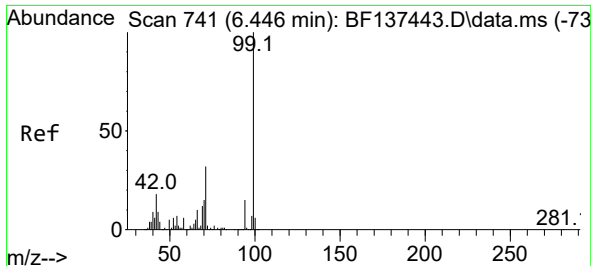
Tgt Ion:152 Resp: 197997
Ion Ratio Lower Upper
152 100
150 161.8 125.8 188.6
115 65.6 48.8 73.2



#5
2-Fluorophenol
Concen: 18.442 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.006 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

Tgt Ion:112 Resp: 241093
Ion Ratio Lower Upper
112 100
64 61.2 53.4 80.2
63 29.7 26.2 39.2

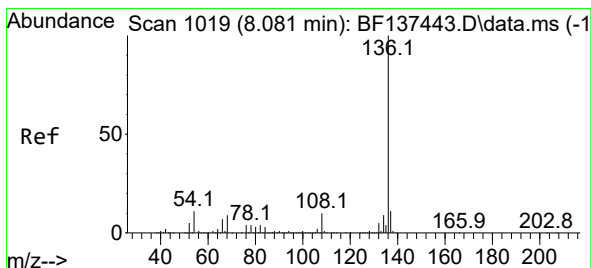
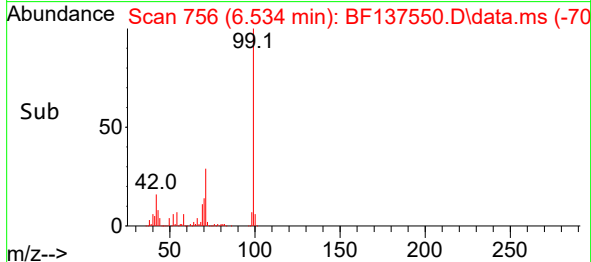
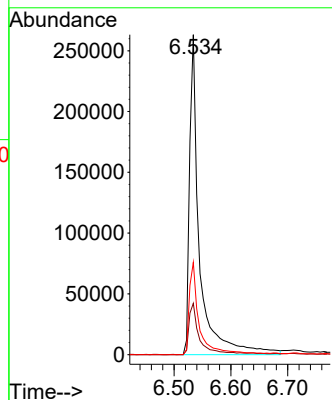
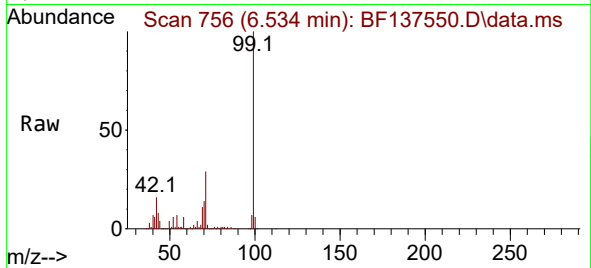




#7
Phenol-d6
Concen: 17.031 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

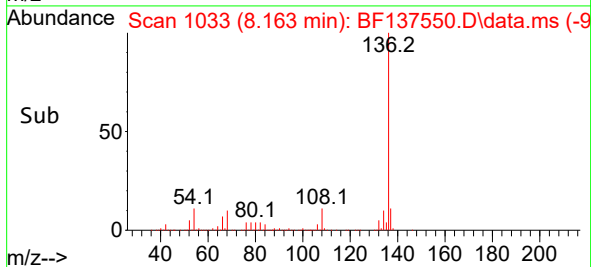
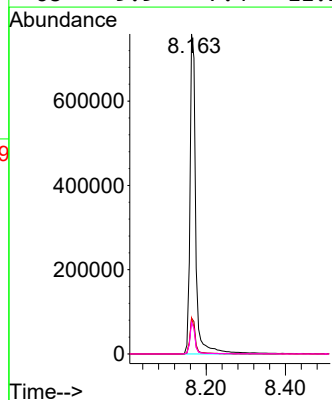
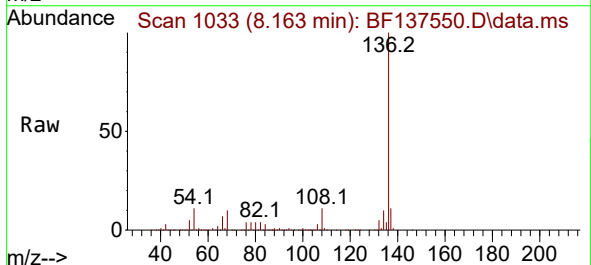
Instrument :
BNA_F
ClientSampleId :
RCA-2-COMP

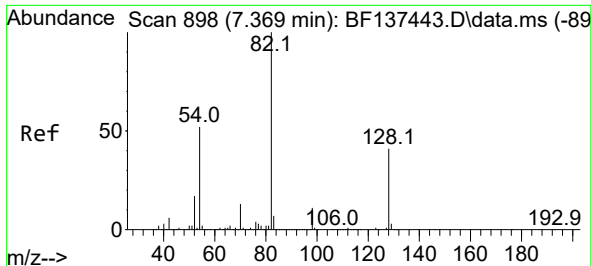
Tgt Ion: 99 Resp: 321380
Ion Ratio Lower Upper
99 100
42 16.1 14.6 21.8
71 28.9 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF137550.D
Acq: 08 Mar 2024 18:41

Tgt Ion: 136 Resp: 773738
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.3 8.5 12.7
68 9.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 10.096 ng

RT: 7.451 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137550.D

Acq: 08 Mar 2024 18:41

Instrument :

BNA_F

ClientSampleId :

RCA-2-COMP

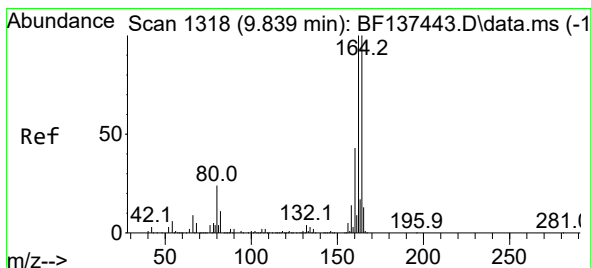
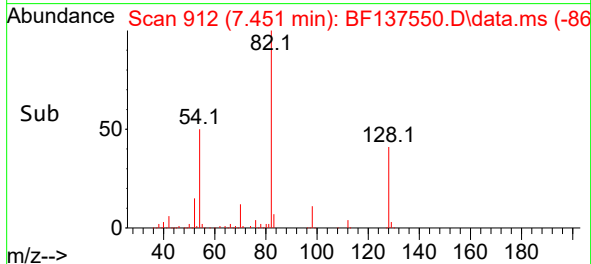
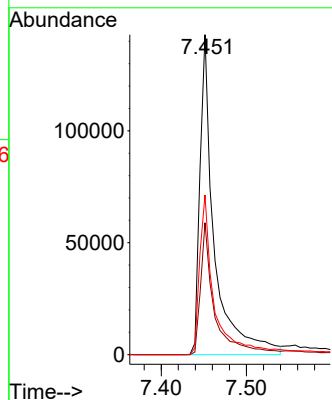
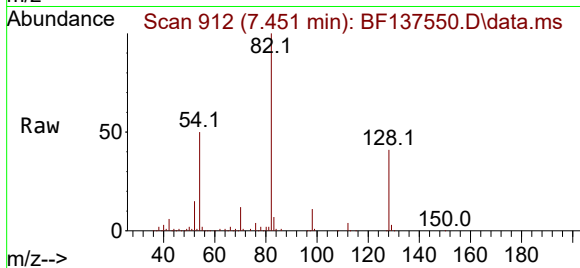
Tgt Ion: 82 Resp: 168116

Ion Ratio Lower Upper

82 100

128 41.3 32.5 48.7

54 49.9 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF137550.D

Acq: 08 Mar 2024 18:41

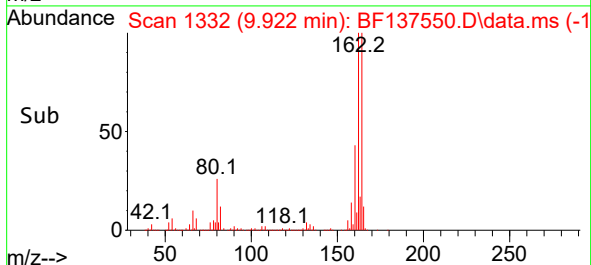
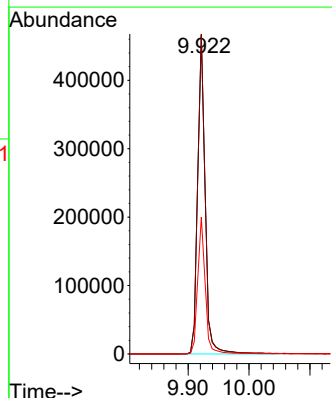
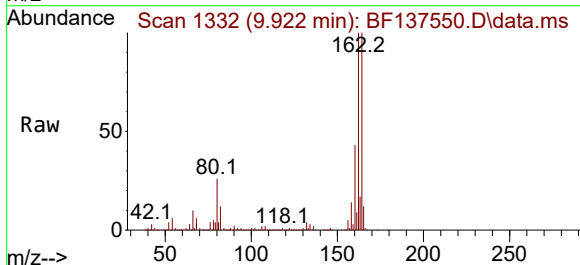
Tgt Ion:164 Resp: 400833

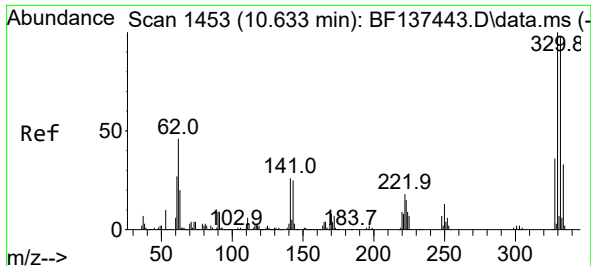
Ion Ratio Lower Upper

164 100

162 100.3 79.8 119.8

160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 13.834 ng

RT: 10.716 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF137550.D

Acq: 08 Mar 2024 18:41

Instrument :

BNA_F

ClientSampleId :

RCA-2-COMP

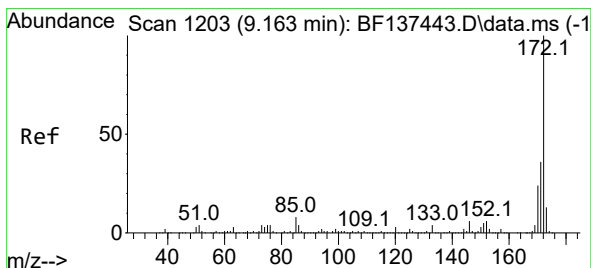
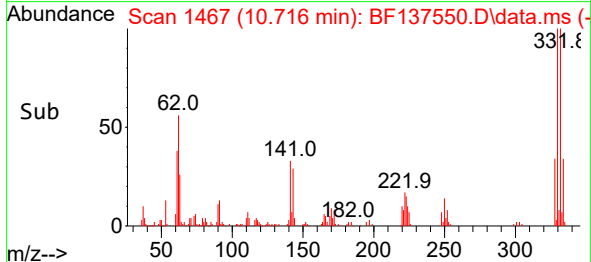
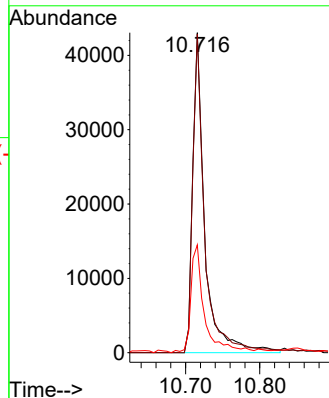
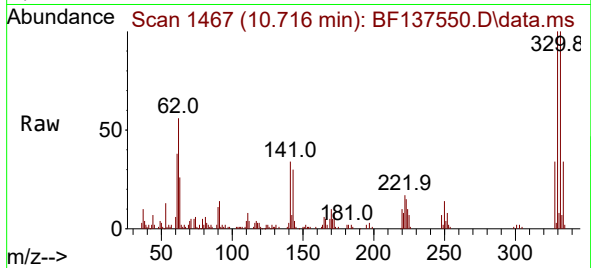
Tgt Ion:330 Resp: 48696

Ion Ratio Lower Upper

330 100

332 98.2 78.0 117.0

141 38.0 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 14.335 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF137550.D

Acq: 08 Mar 2024 18:41

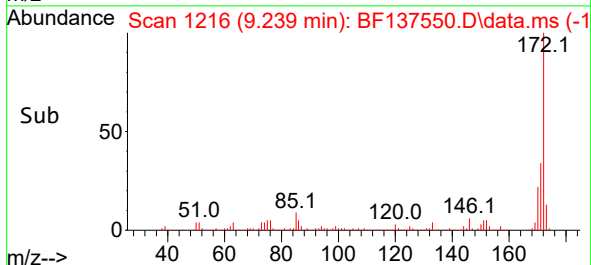
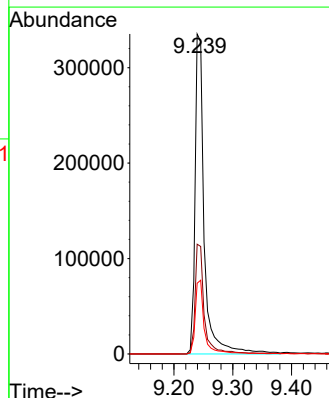
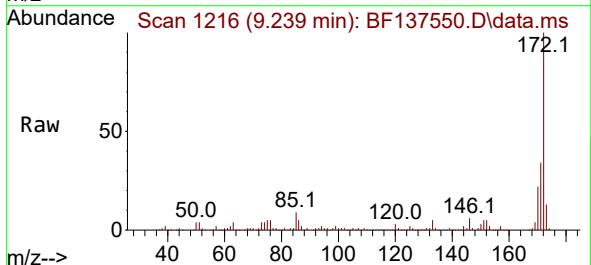
Tgt Ion:172 Resp: 367072

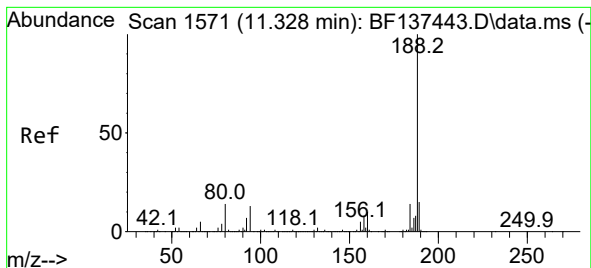
Ion Ratio Lower Upper

172 100

171 34.3 28.5 42.7

170 22.1 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137550.D

Acq: 08 Mar 2024 18:41

Instrument :

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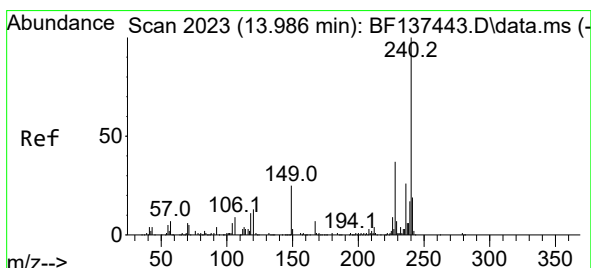
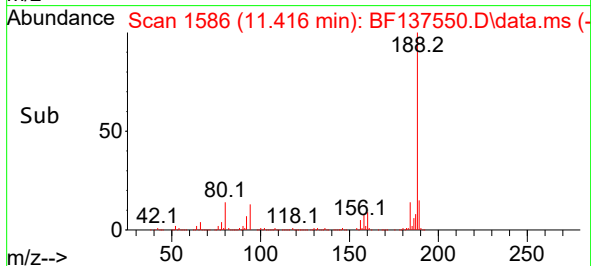
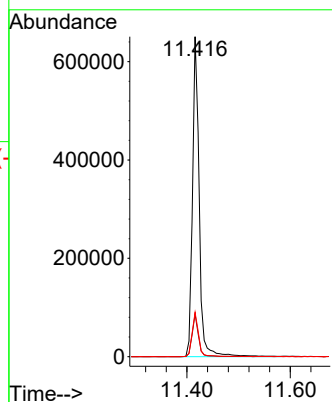
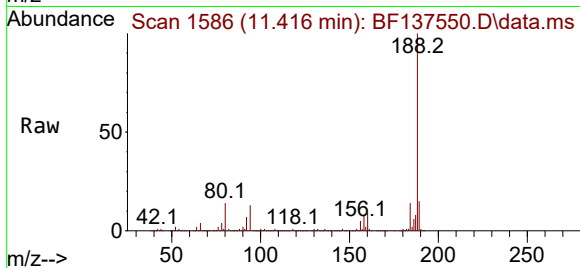
Tgt Ion:188 Resp: 585003

Ion Ratio Lower Upper

188 100

94 13.3 10.6 15.8

80 13.9 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF137550.D

Acq: 08 Mar 2024 18:41

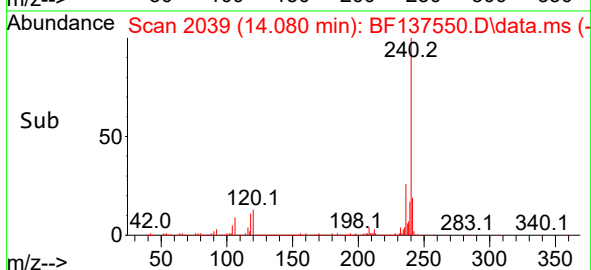
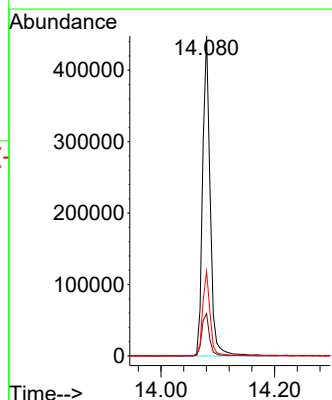
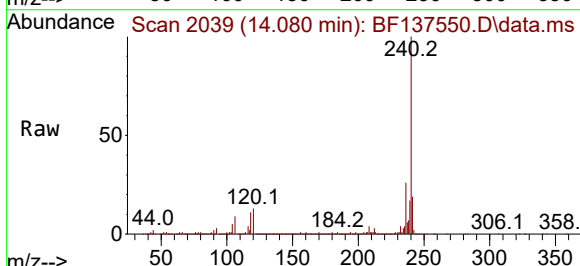
Tgt Ion:240 Resp: 416942

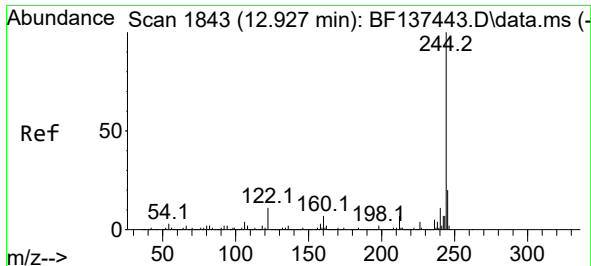
Ion Ratio Lower Upper

240 100

120 13.2 10.4 15.6

236 26.4 20.9 31.3

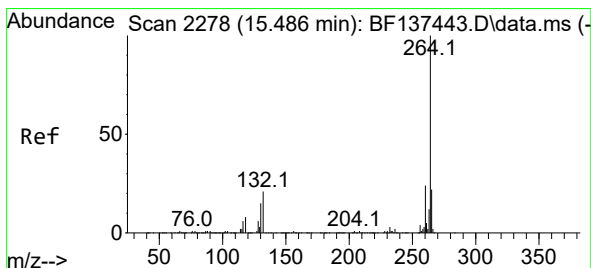
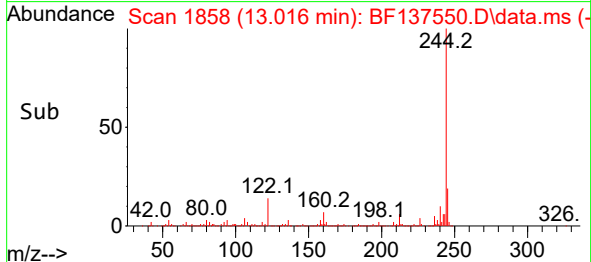
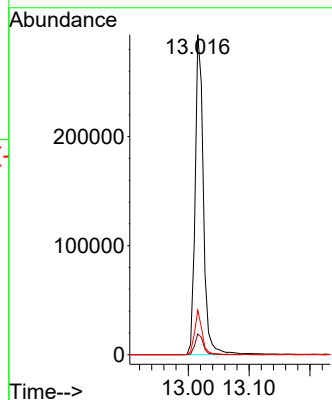
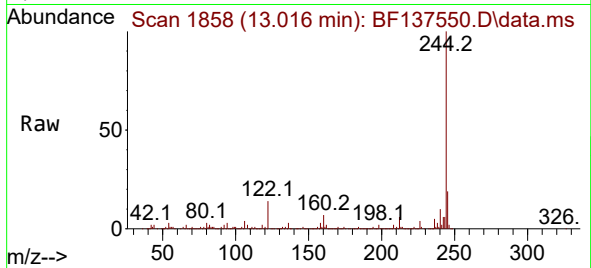




#79
 Terphenyl-d14
 Concen: 9.169 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137550.D
 Acq: 08 Mar 2024 18:41

Instrument :
 BNA_F
 ClientSampleId :
 RCA-2-COMP

Tgt Ion:244 Resp: 278008
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 13.8 9.1 13.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2302
 Delta R.T. 0.012 min
 Lab File: BF137550.D
 Acq: 08 Mar 2024 18:41

Tgt Ion:264 Resp: 428600
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.0 17.4 26.0

