

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137554.D
 Acq On : 11 Mar 2024 13:41
 Operator : CG\JU
 Sample : PB159519BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159519BL

Quant Time: Mar 12 02:02:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	245409	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	980911	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	545271	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1019666	20.000	ng	0.00
76) Chrysene-d12	14.092	240	695489	20.000	ng	0.00
86) Perylene-d12	15.645	264	542743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1841677	113.659	ng	0.01
7) Phenol-d6	6.551	99	2489901	106.455	ng	0.00
23) Nitrobenzene-d5	7.463	82	1599775	75.779	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	634356	132.477	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2607840	74.866	ng	0.00
79) Terphenyl-d14	13.039	244	3298912	65.225	ng	0.00

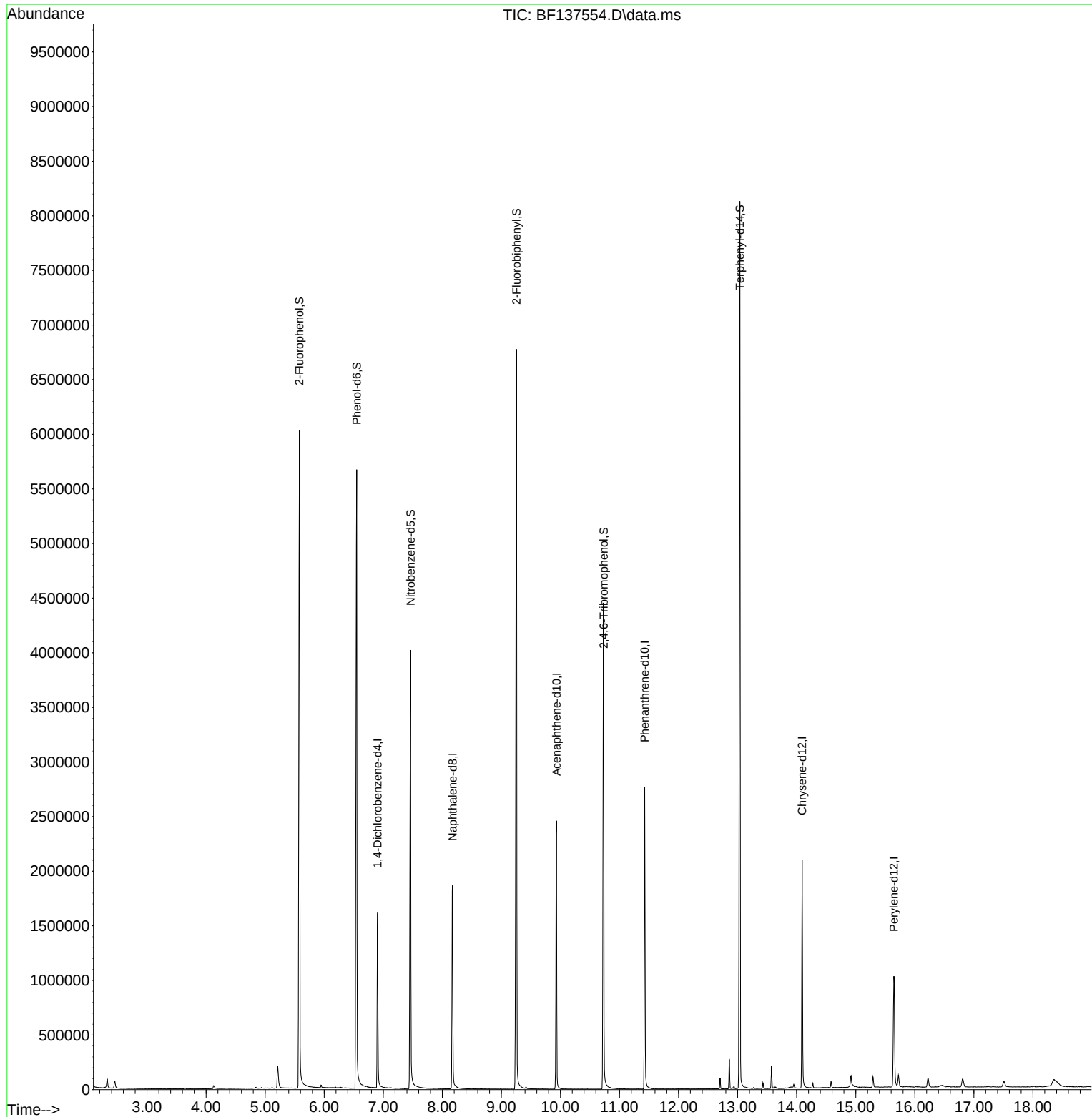
Target Compounds	Qvalue

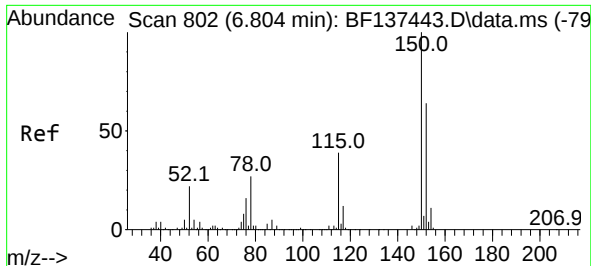
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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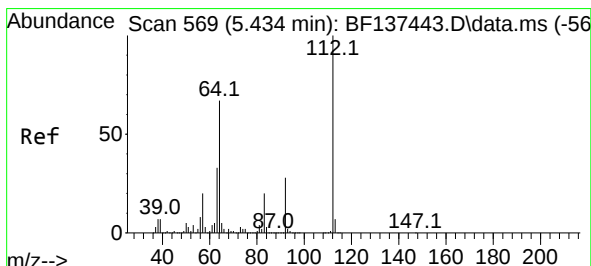
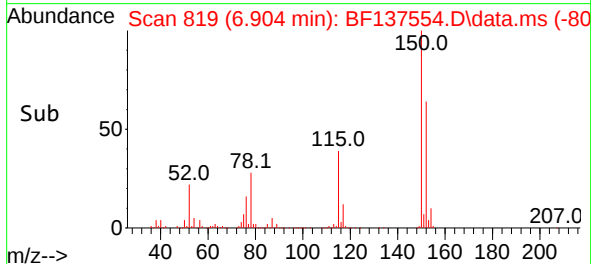
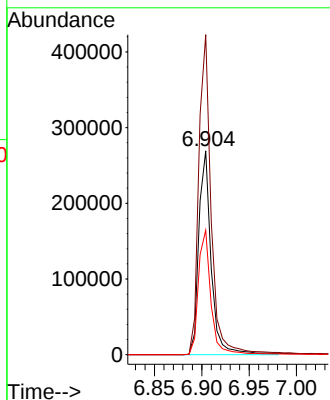
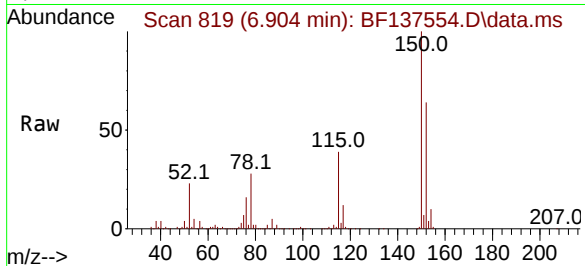




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

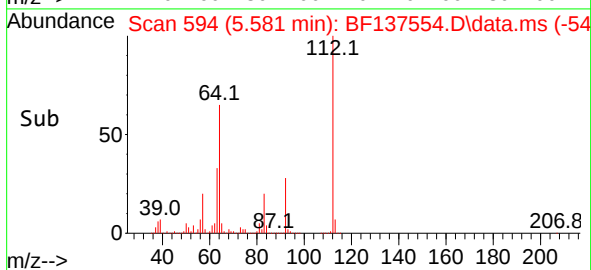
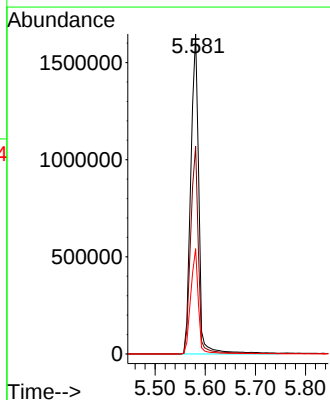
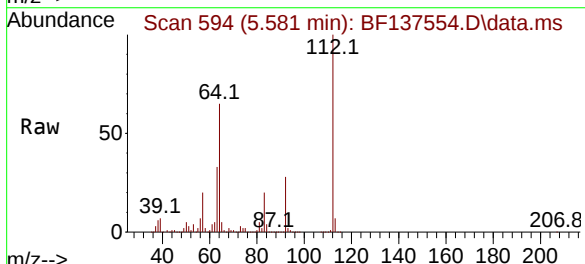
Instrument :
BNA_F
ClientSampleId :
PB159519BL

Tgt Ion:152 Resp: 245409
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 61.1 48.8 73.2



#5
2-Fluorophenol
Concen: 113.659 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

Tgt Ion:112 Resp: 1841677
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 32.9 26.2 39.2





#7
Phenol-d6
Concen: 106.455 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

Instrument :

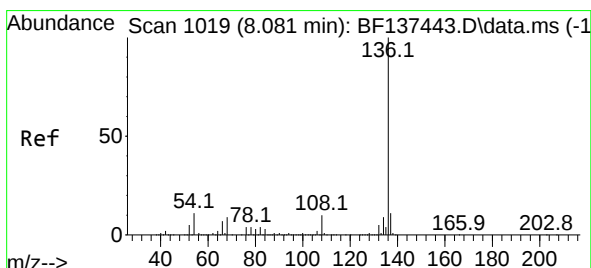
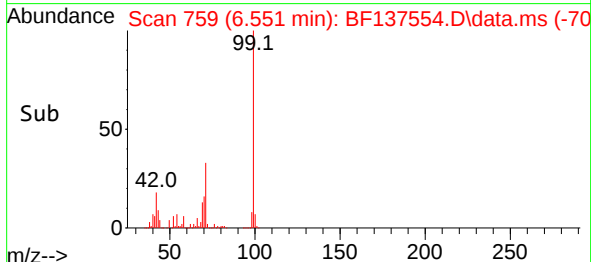
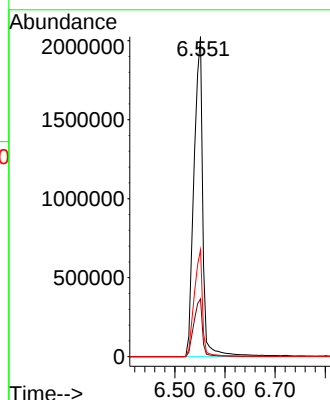
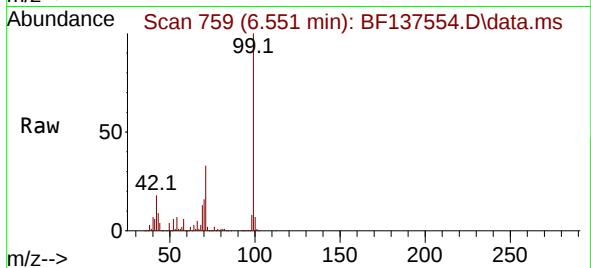
BNA_F

ClientSampleId :

PB159519BL

Tgt Ion: 99 Resp: 2489901

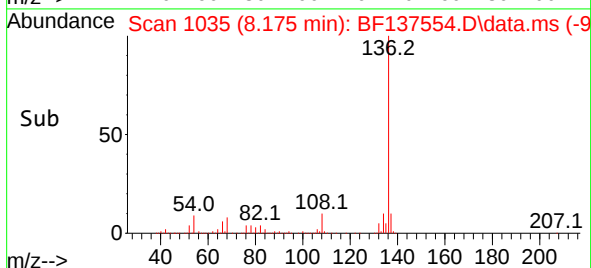
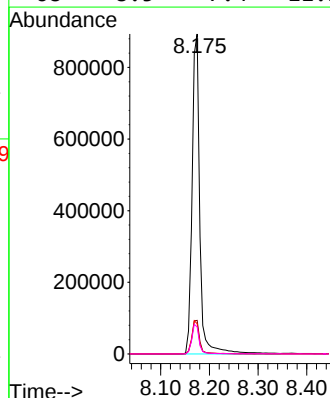
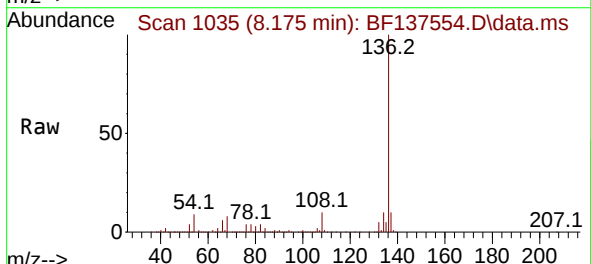
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.6	21.8
71	33.4	25.3	37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

Tgt Ion:136 Resp: 980911

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	9.4	8.5	12.7
68	8.5	7.4	11.2





#23

Nitrobenzene-d5

Concen: 75.779 ng

RT: 7.463 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137554.D

Acq: 11 Mar 2024 13:41

Instrument :

BNA_F

ClientSampleId :

PB159519BL

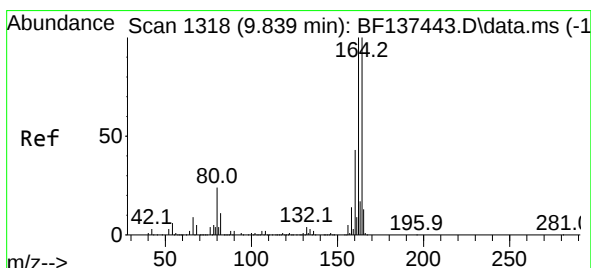
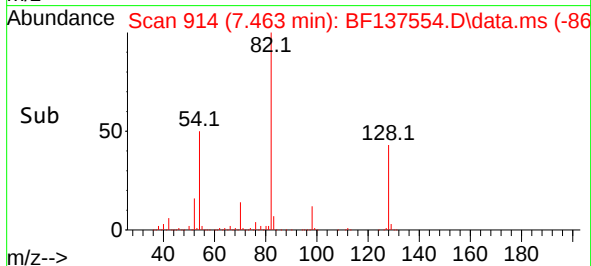
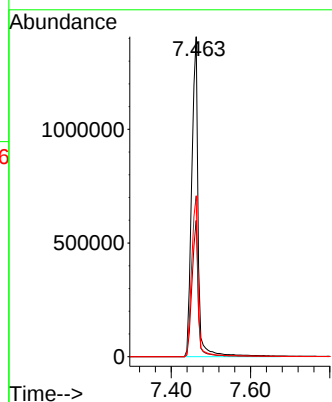
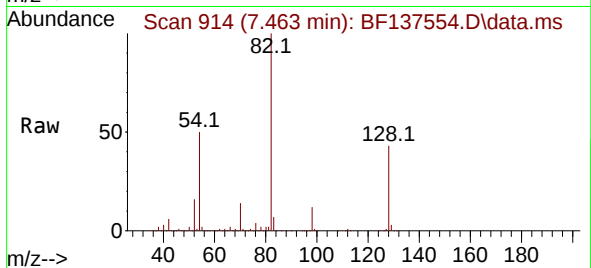
Tgt Ion: 82 Resp: 1599775

Ion Ratio Lower Upper

82 100

128 42.6 32.5 48.7

54 50.3 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.000 min

Lab File: BF137554.D

Acq: 11 Mar 2024 13:41

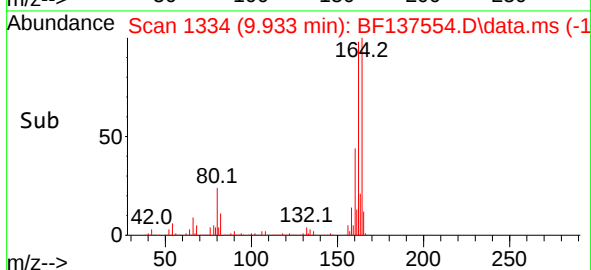
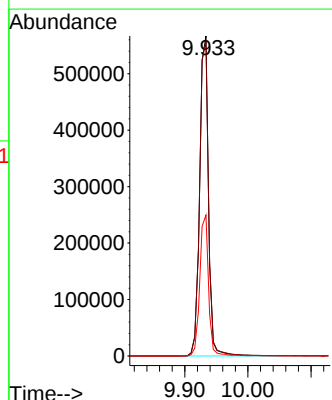
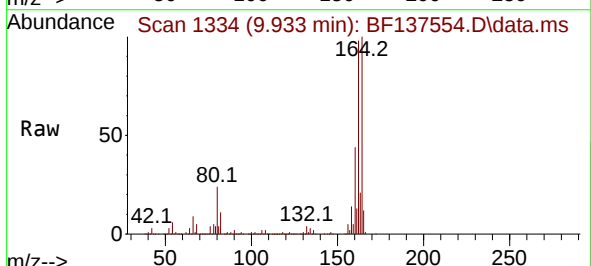
Tgt Ion:164 Resp: 545271

Ion Ratio Lower Upper

164 100

162 97.9 79.8 119.8

160 44.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 132.477 ng

RT: 10.733 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137554.D

Acq: 11 Mar 2024 13:41

Instrument :

BNA_F

ClientSampleId :

PB159519BL

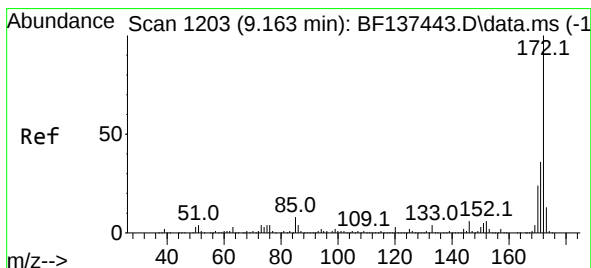
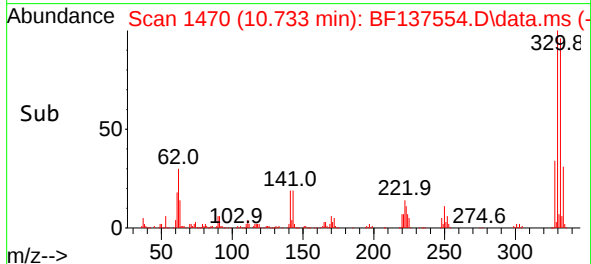
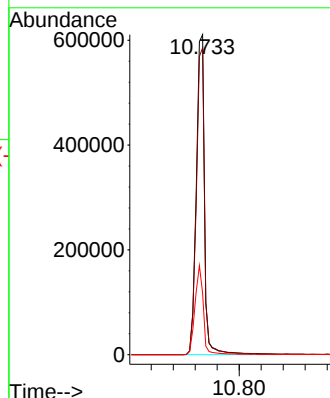
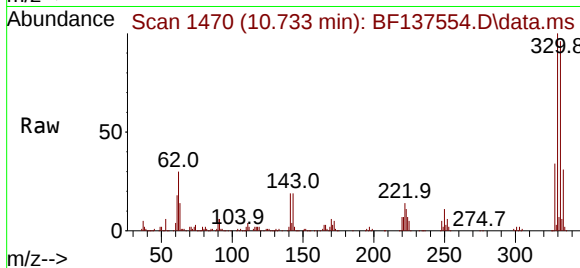
Tgt Ion:330 Resp: 634356

Ion Ratio Lower Upper

330 100

332 95.5 78.0 117.0

141 28.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 74.866 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF137554.D

Acq: 11 Mar 2024 13:41

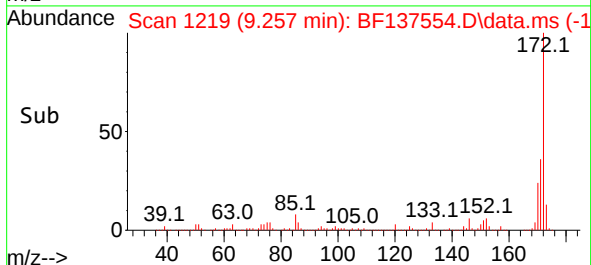
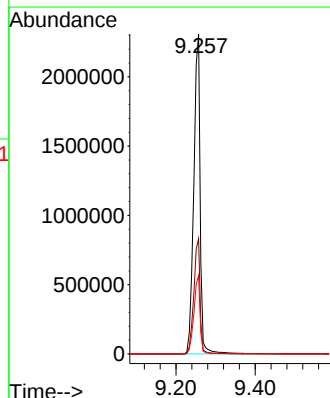
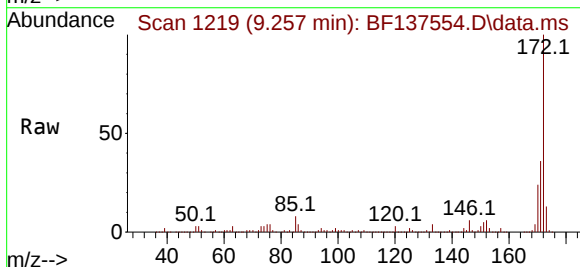
Tgt Ion:172 Resp: 2607840

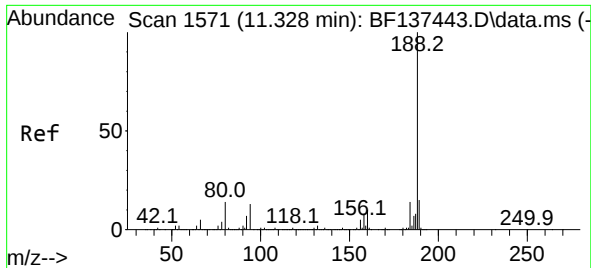
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.4 19.0 28.6

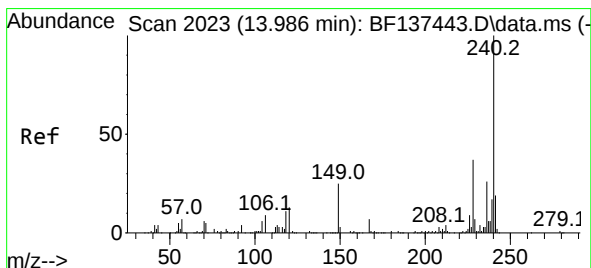
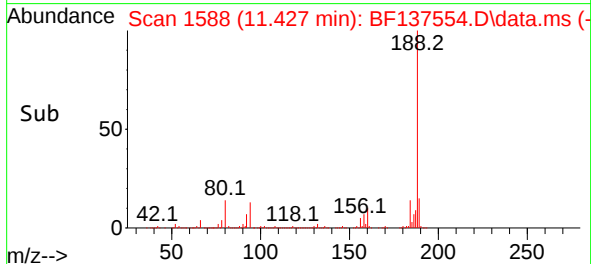
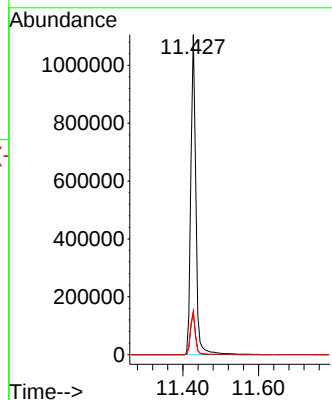
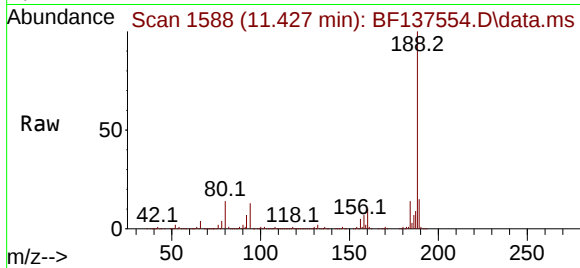




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

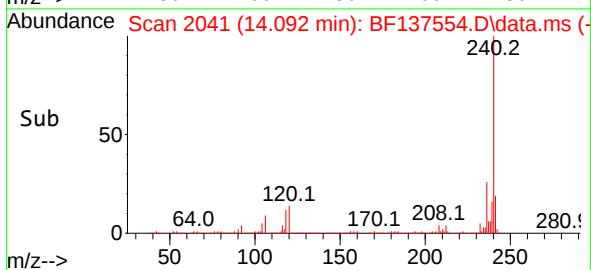
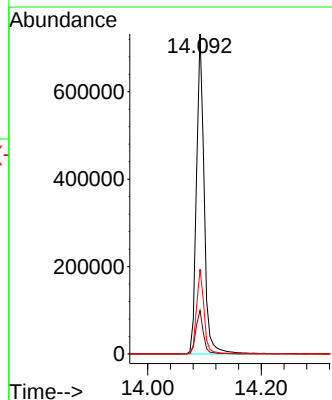
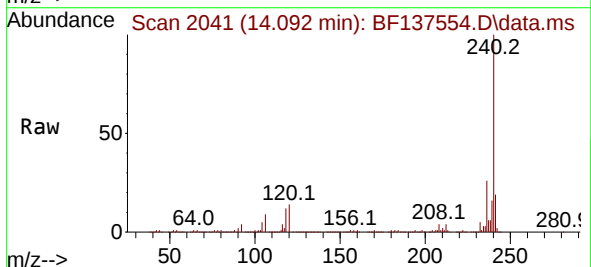
Instrument :
BNA_F
ClientSampleId :
PB159519BL

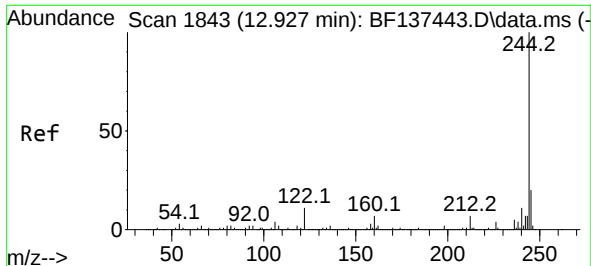
Tgt Ion:188 Resp: 1019666
Ion Ratio Lower Upper
188 100
94 13.2 10.6 15.8
80 13.7 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

Tgt Ion:240 Resp: 695489
Ion Ratio Lower Upper
240 100
120 13.6 10.4 15.6
236 26.5 20.9 31.3

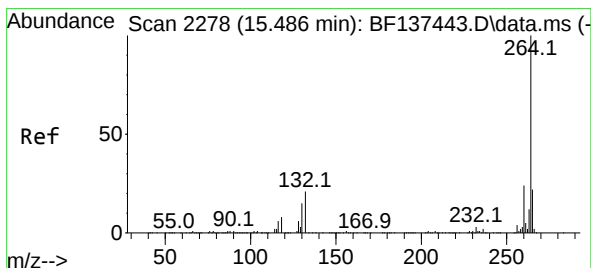
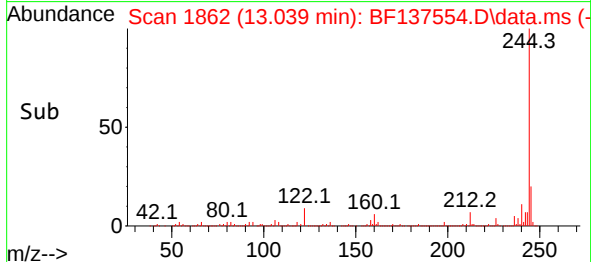
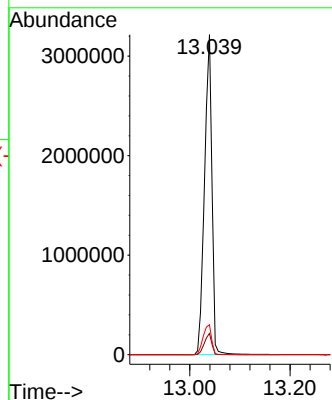
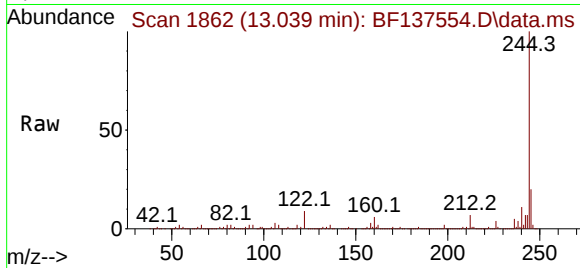




#79
 Terphenyl-d14
 Concen: 65.225 ng
 RT: 13.039 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137554.D
 Acq: 11 Mar 2024 13:41

Instrument :
 BNA_F
 ClientSampleId :
 PB159519BL

Tgt Ion:244 Resp: 3298912
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 9.3 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2305
 Delta R.T. -0.006 min
 Lab File: BF137554.D
 Acq: 11 Mar 2024 13:41

Tgt Ion:264 Resp: 542743
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.2 17.4 26.0

