

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
Data File : BF138727.D
Acq On : 01 Aug 2024 16:29
Operator : RC/JU
Sample : P3379-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-04-072324

Quant Time: Aug 01 17:01:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	63866	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	264178	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	139546	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	205520	20.000	ng	0.00
76) Chrysene-d12	14.004	240	112067	20.000	ng	0.00
86) Perylene-d12	15.468	264	131315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	340651	82.336	ng	0.00
7) Phenol-d6	6.481	99	457335	82.332	ng	0.00
23) Nitrobenzene-d5	7.404	82	298564	55.255	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	88276	77.227	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	512327	55.162	ng	0.00
79) Terphenyl-d14	12.945	244	351651	52.536	ng	0.00

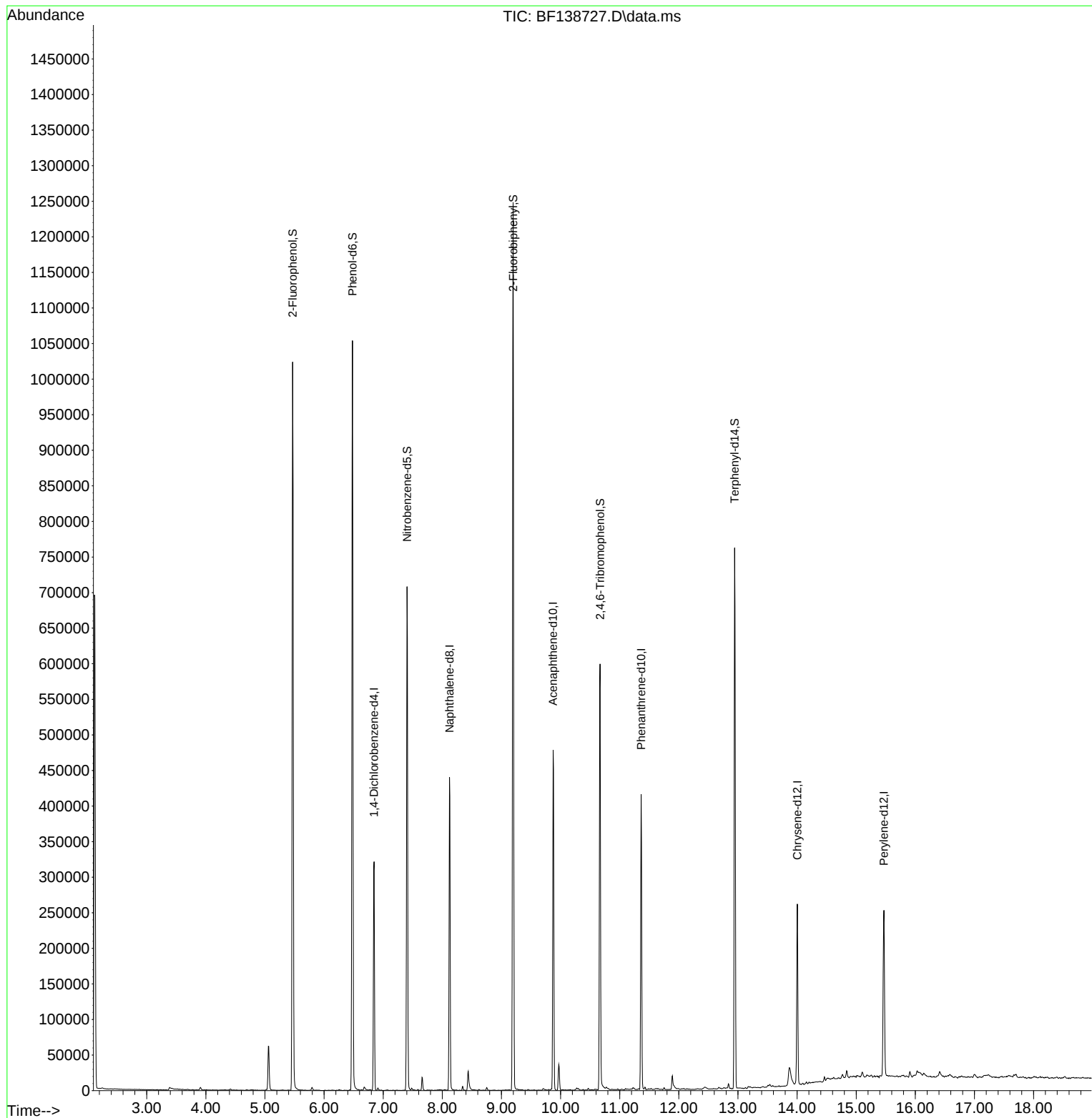
Target Compounds	Qvalue

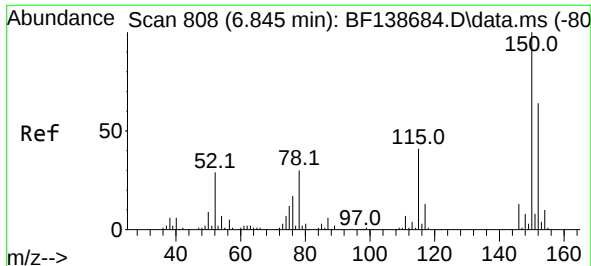
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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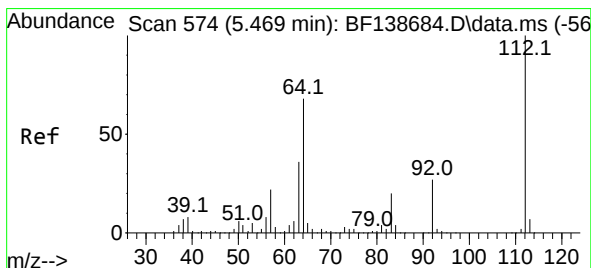
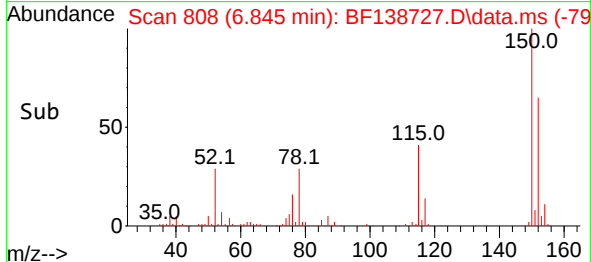
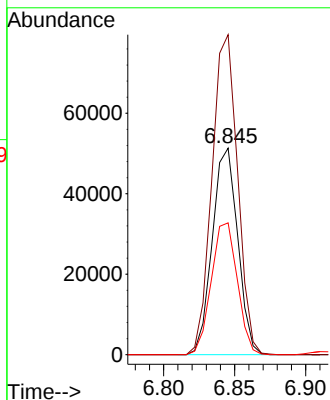
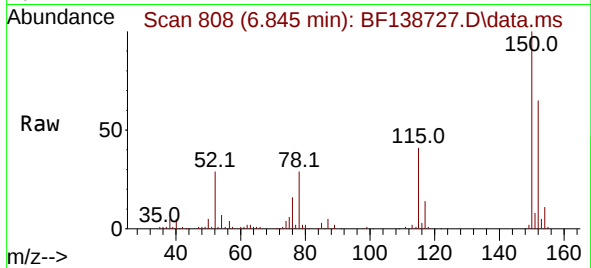




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

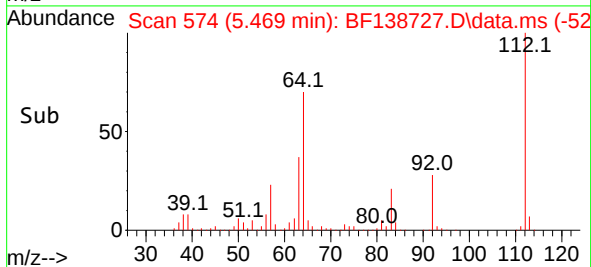
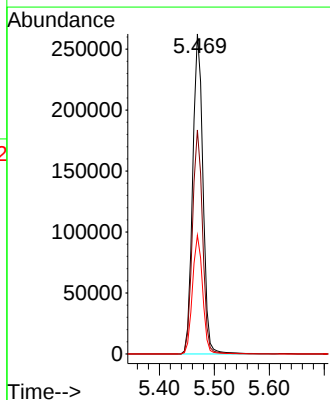
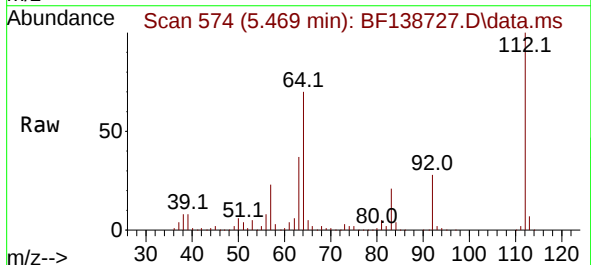
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-04-072324

Tgt Ion:152 Resp: 63866
Ion Ratio Lower Upper
152 100
150 154.9 126.0 189.0
115 63.8 51.7 77.5



#5
2-Fluorophenol
Concen: 82.336 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

Tgt Ion:112 Resp: 340651
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 37.1 28.7 43.1

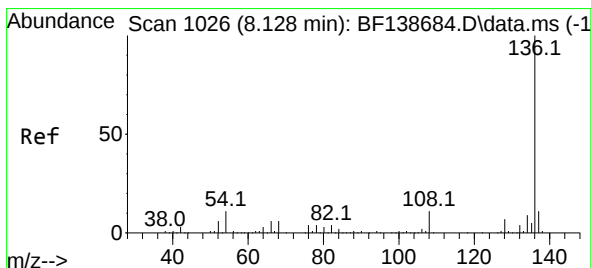
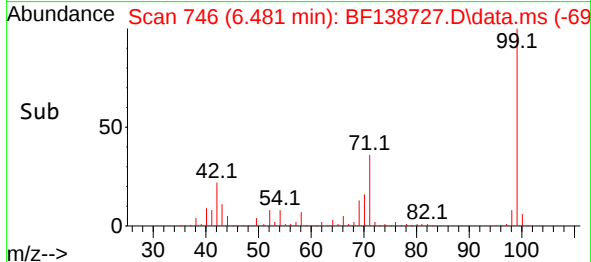
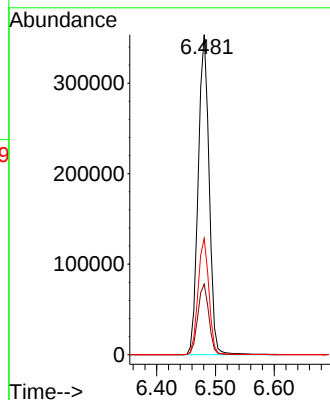
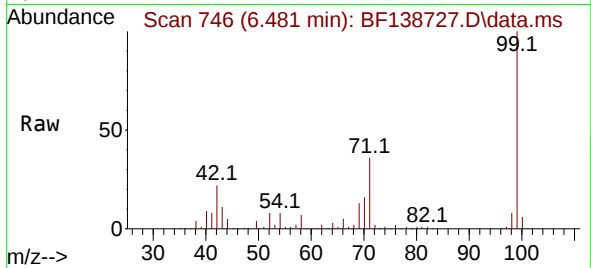




#7
Phenol-d6
Concen: 82.332 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

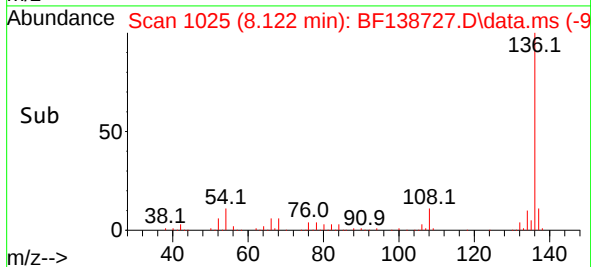
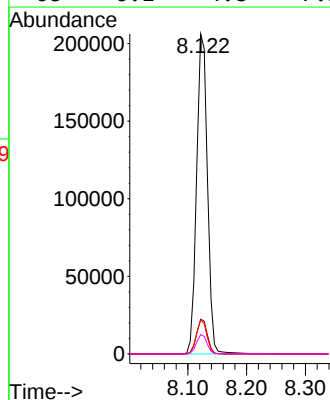
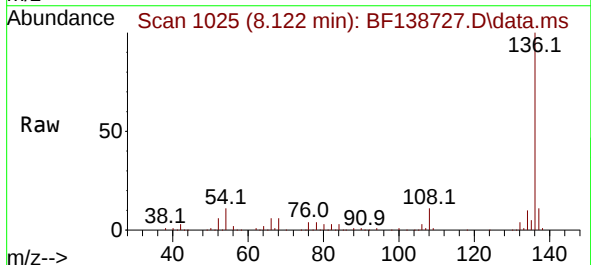
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-04-072324

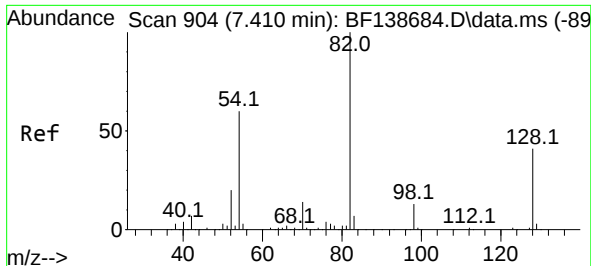
Tgt Ion: 99 Resp: 457335
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.0
71 36.3 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

Tgt Ion: 136 Resp: 264178
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.6 8.6 12.8
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 55.255 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138727.D

Acq: 01 Aug 2024 16:29

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-04-072324

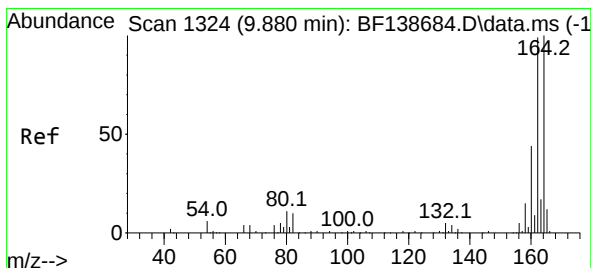
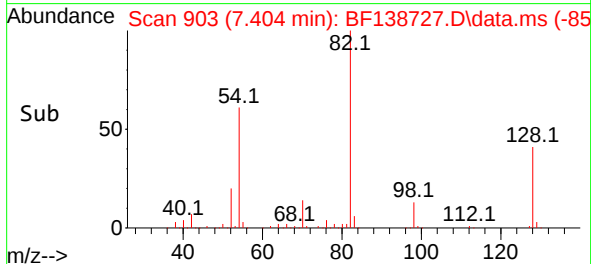
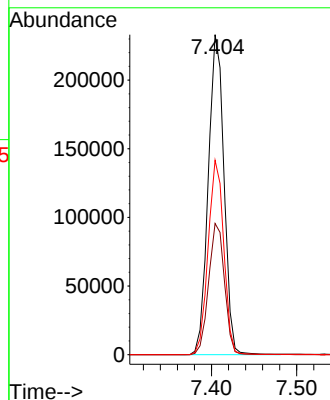
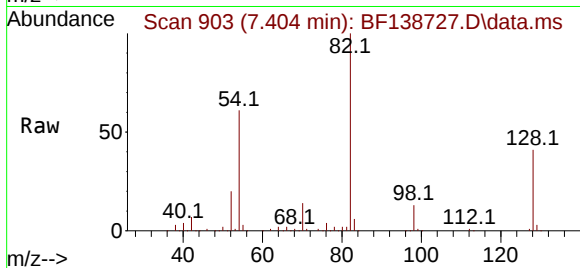
Tgt Ion: 82 Resp: 298564

Ion Ratio Lower Upper

82 100

128 41.0 32.8 49.2

54 60.7 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138727.D

Acq: 01 Aug 2024 16:29

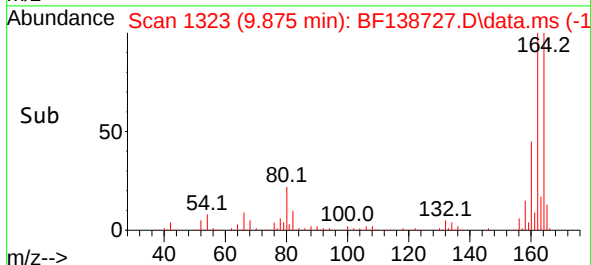
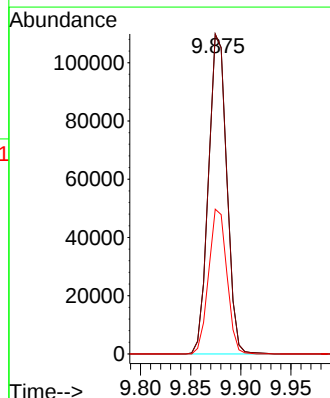
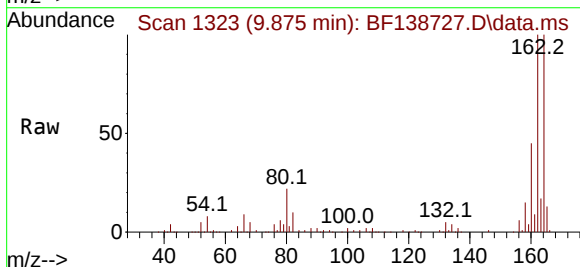
Tgt Ion:164 Resp: 139546

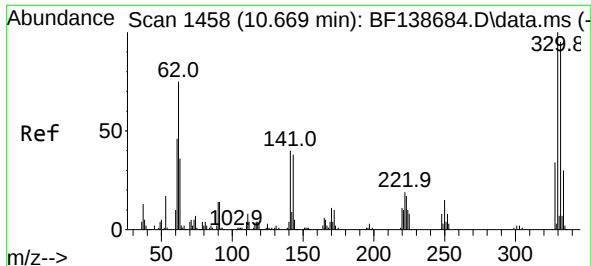
Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.0

160 45.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 77.227 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138727.D

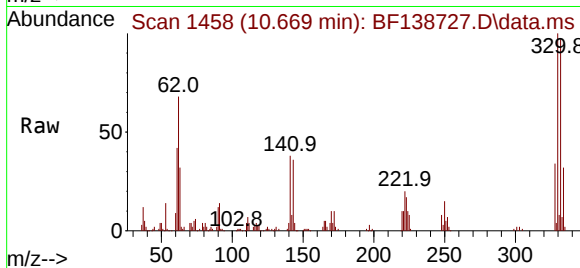
Acq: 01 Aug 2024 16:29

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-04-072324



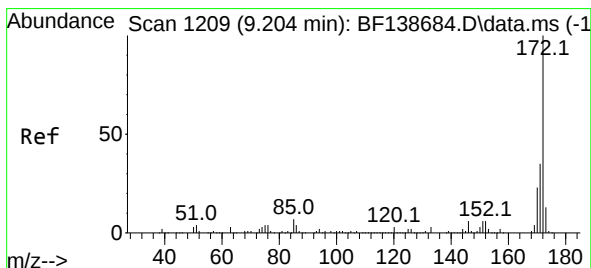
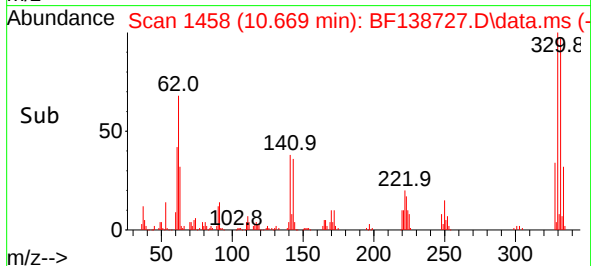
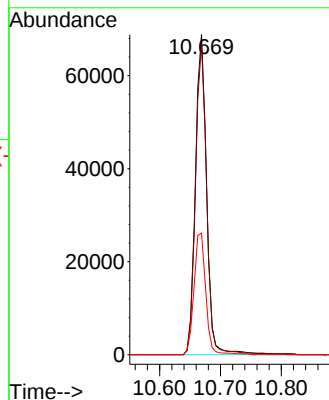
Tgt Ion:330 Resp: 88276

Ion Ratio Lower Upper

330 100

332 97.1 76.4 114.6

141 39.7 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 55.162 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138727.D

Acq: 01 Aug 2024 16:29

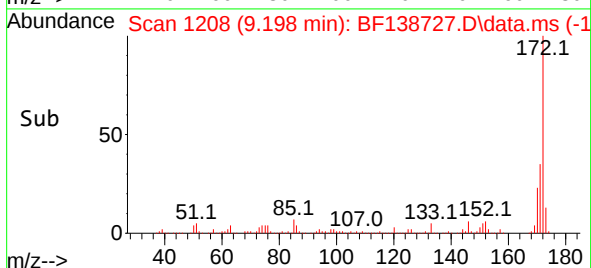
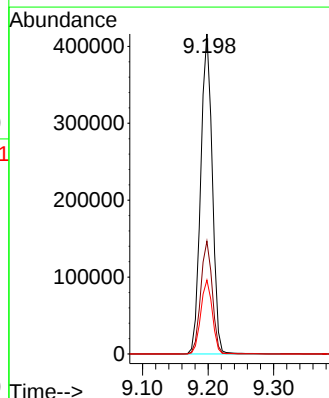
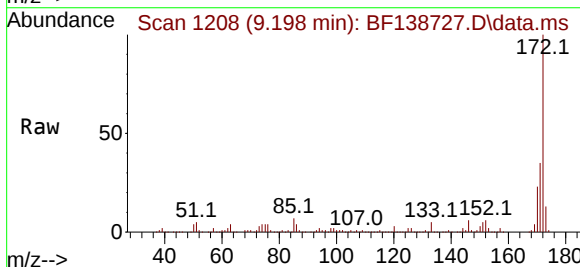
Tgt Ion:172 Resp: 512327

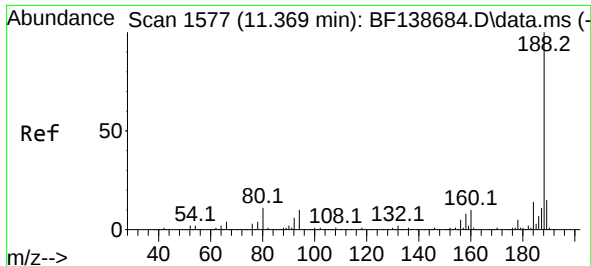
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

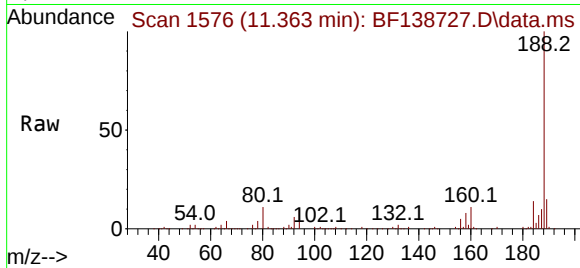
170 23.1 18.8 28.2



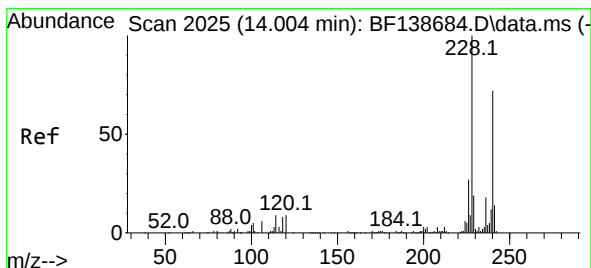
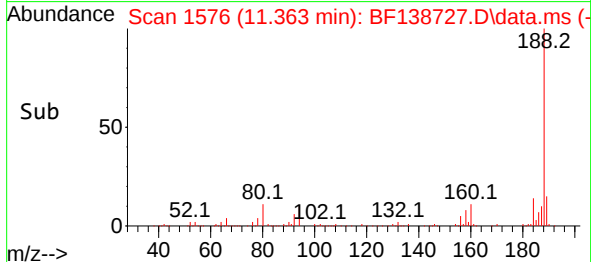
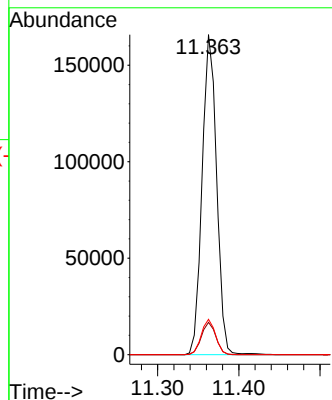


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-04-072324

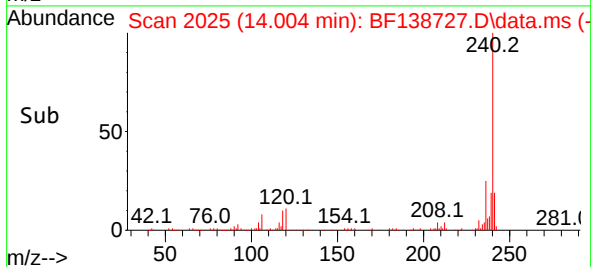
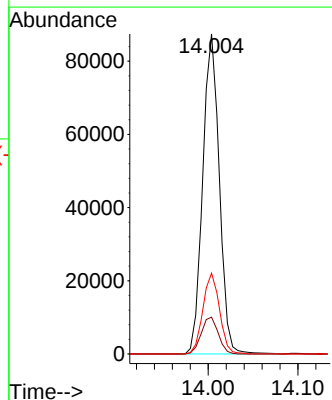
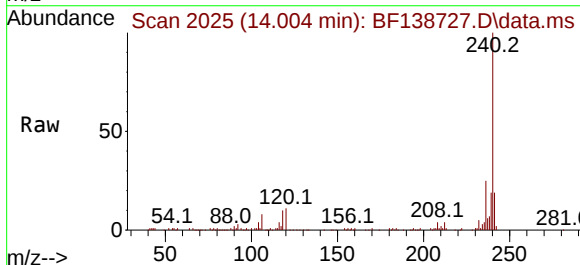


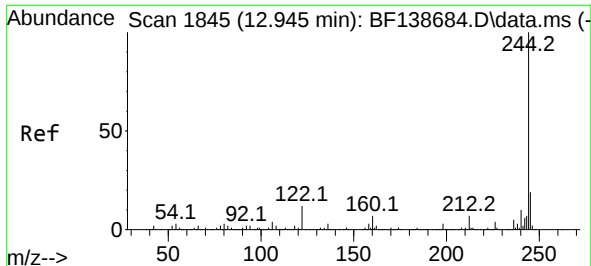
Tgt Ion:188 Resp: 205520
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 11.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138727.D
Acq: 01 Aug 2024 16:29

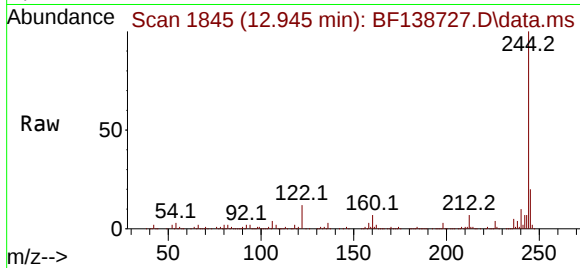
Tgt Ion:240 Resp: 112067
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.4
236 25.3 19.8 29.8



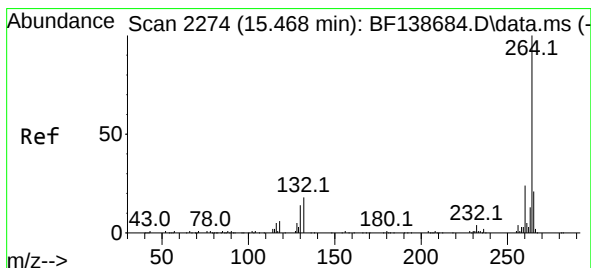
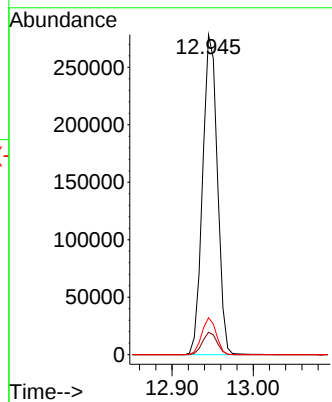
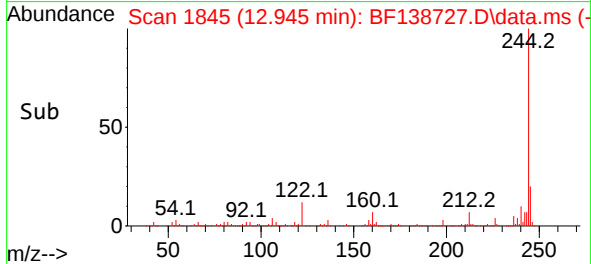


#79
 Terphenyl-d14
 Concen: 52.536 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: BF138727.D
 Acq: 01 Aug 2024 16:29

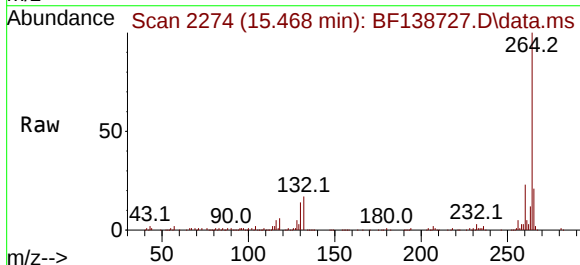
Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-04-072324



Tgt Ion:244 Resp: 351651
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.6 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF138727.D
 Acq: 01 Aug 2024 16:29



Tgt Ion:264 Resp: 131315
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 20.9 17.0 25.6

