

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138733.D
 Acq On : 01 Aug 2024 19:38
 Operator : RC/JU
 Sample : P3402-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-222

Quant Time: Aug 02 04:02:45 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	67870	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	278816	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	144829	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	191394	20.000	ng	0.00
76) Chrysene-d12	14.004	240	120931	20.000	ng	0.00
86) Perylene-d12	15.468	264	130013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	552099	125.571	ng	0.01
7) Phenol-d6	6.486	99	716709	121.413	ng	0.00
23) Nitrobenzene-d5	7.410	82	532430	93.363	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	156021	131.514	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	926586	96.127	ng	0.00
79) Terphenyl-d14	12.951	244	683391	94.614	ng	0.00

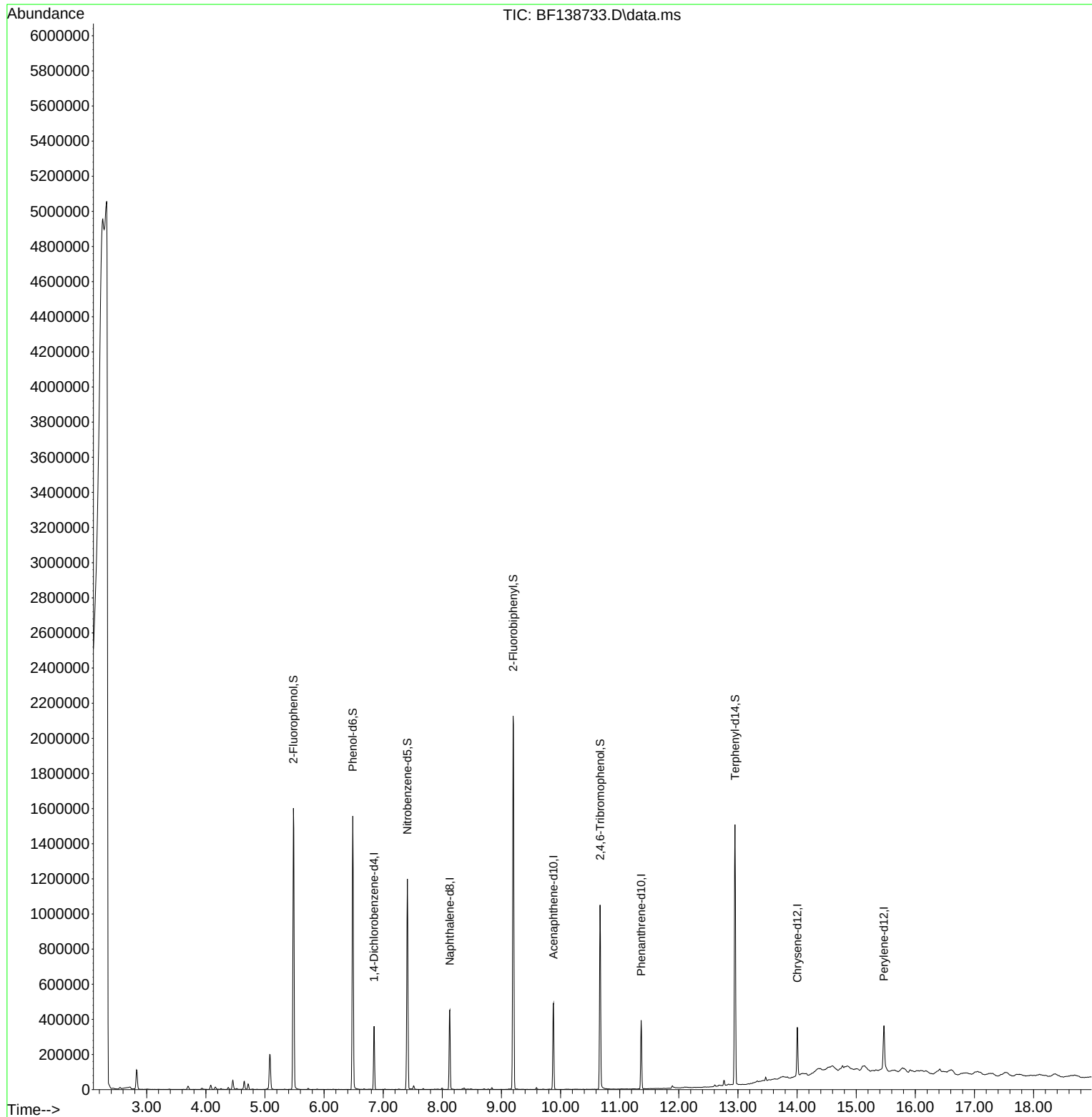
Target Compounds	Qvalue

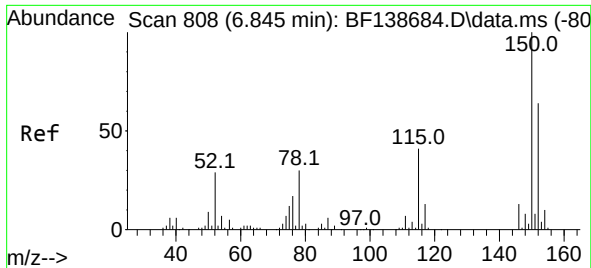
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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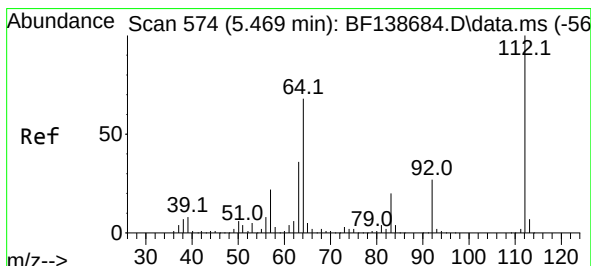
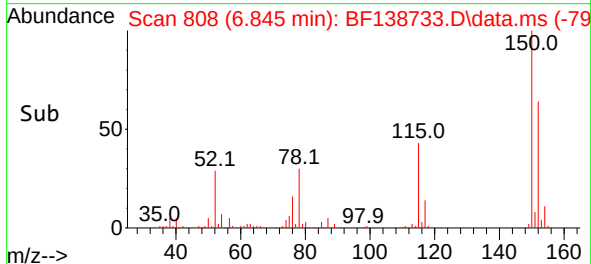
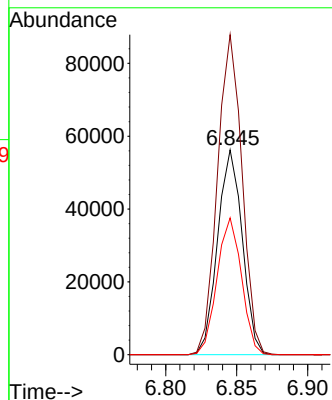
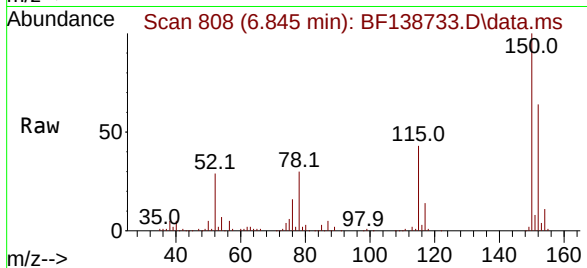




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

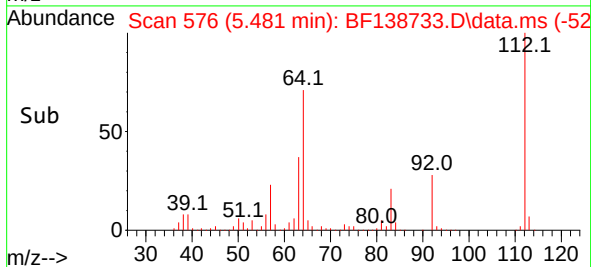
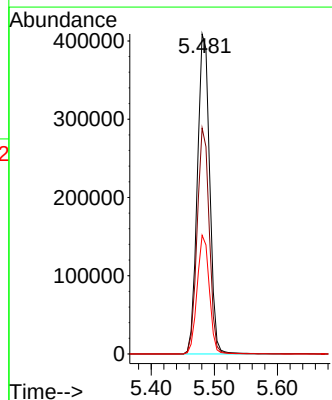
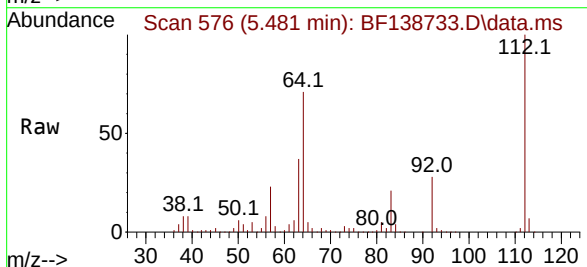
Instrument :
BNA_F
ClientSampleId :
VNJ-222

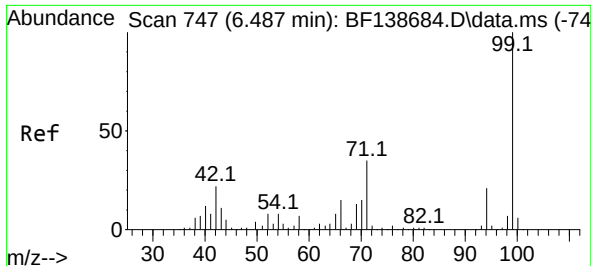
Tgt Ion:152 Resp: 67870
Ion Ratio Lower Upper
152 100
150 156.3 126.0 189.0
115 66.8 51.7 77.5



#5
2-Fluorophenol
Concen: 125.571 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

Tgt Ion:112 Resp: 552099
Ion Ratio Lower Upper
112 100
64 70.6 54.2 81.4
63 37.1 28.7 43.1





#7

Phenol-d6

Concen: 121.413 ng

RT: 6.486 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF138733.D

Acq: 01 Aug 2024 19:38

Instrument :

BNA_F

ClientSampleId :

VNJ-222

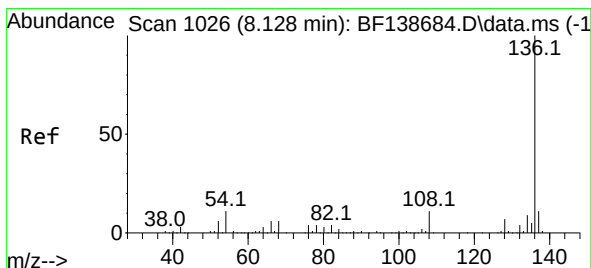
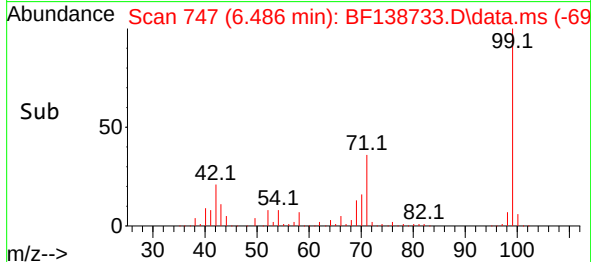
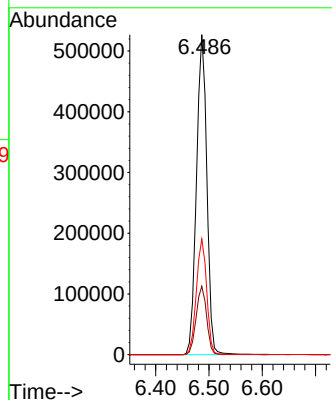
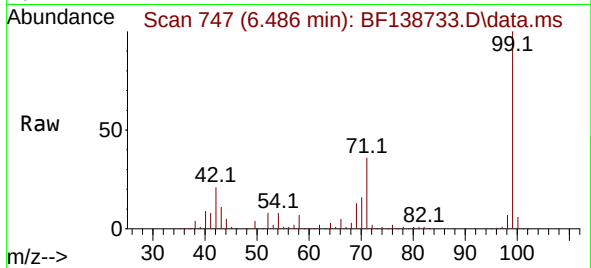
Tgt Ion: 99 Resp: 716709

Ion Ratio Lower Upper

99 100

42 21.4 17.4 26.0

71 36.2 28.1 42.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF138733.D

Acq: 01 Aug 2024 19:38

Tgt Ion: 136 Resp: 278816

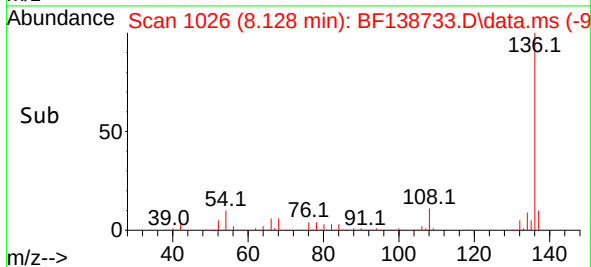
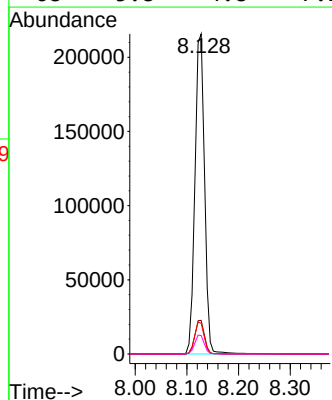
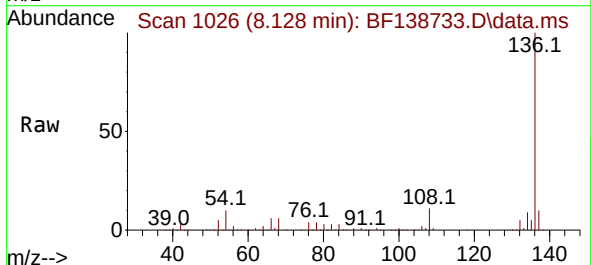
Ion Ratio Lower Upper

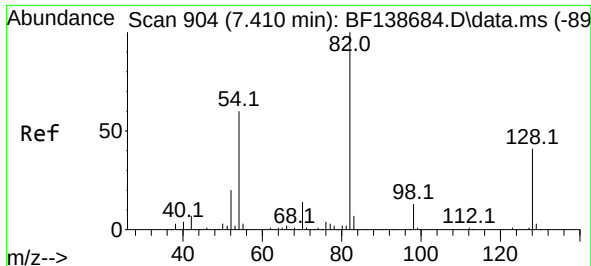
136 100

137 10.5 8.9 13.3

54 9.6 8.6 12.8

68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 93.363 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138733.D

Acq: 01 Aug 2024 19:38

Instrument :

BNA_F

ClientSampleId :

VNJ-222

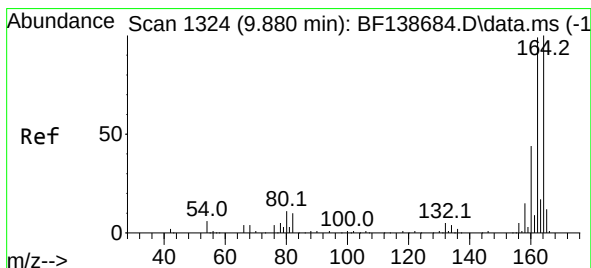
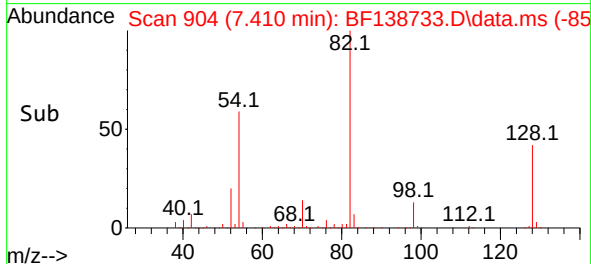
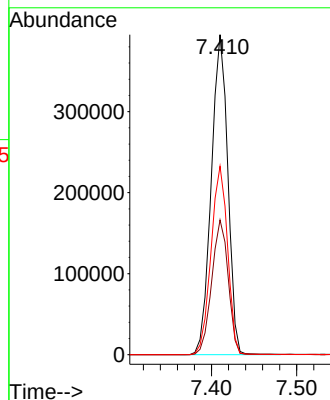
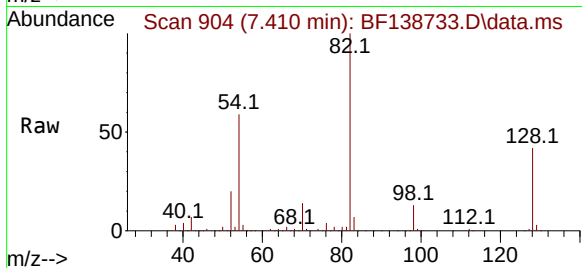
Tgt Ion: 82 Resp: 532430

Ion Ratio Lower Upper

82 100

128 42.1 32.8 49.2

54 58.9 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF138733.D

Acq: 01 Aug 2024 19:38

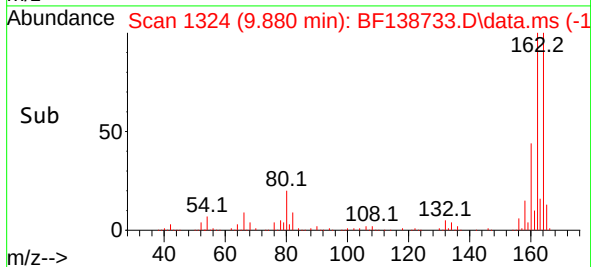
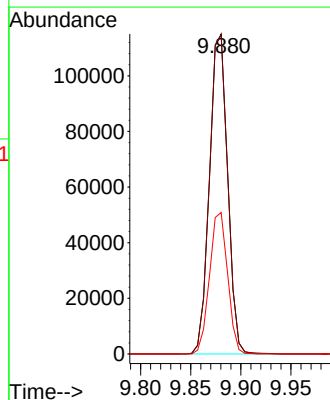
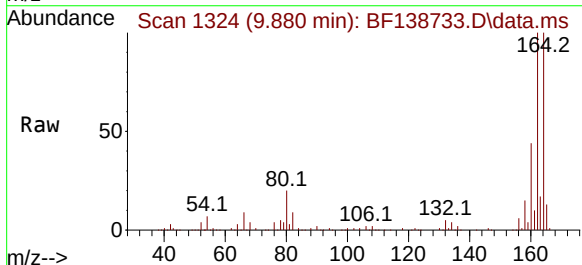
Tgt Ion:164 Resp: 144829

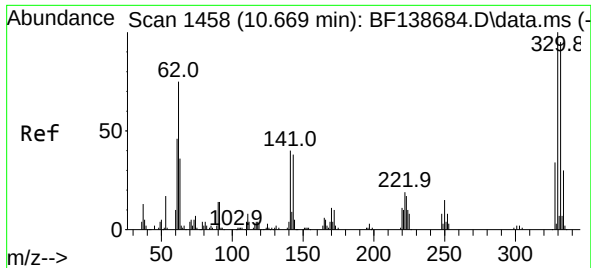
Ion Ratio Lower Upper

164 100

162 99.7 79.4 119.0

160 44.2 35.1 52.7

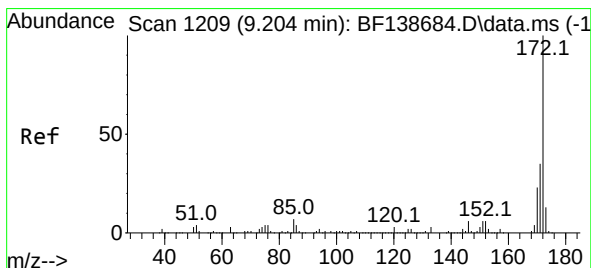
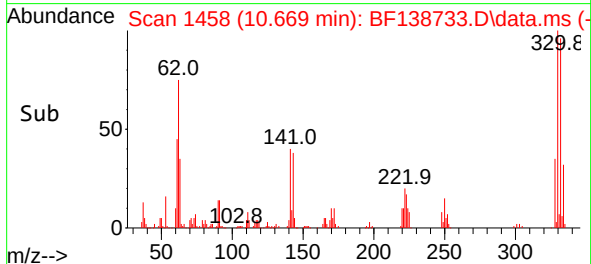
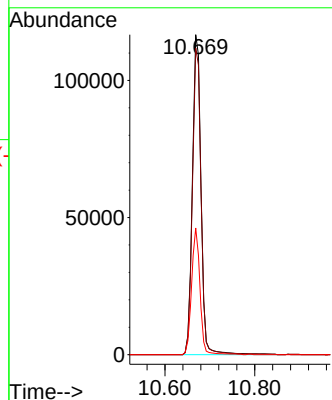
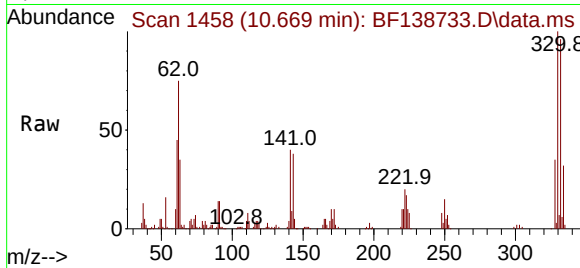




#42
2,4,6-Tribromophenol
Concen: 131.514 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

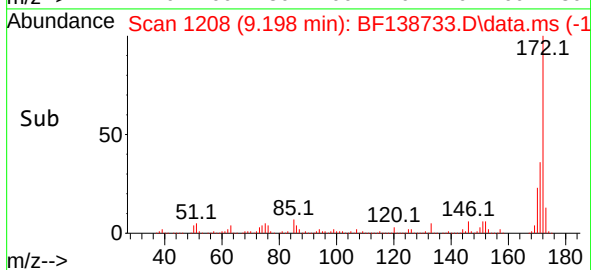
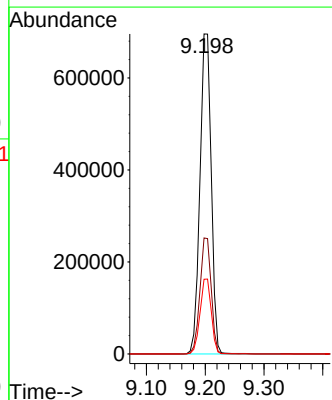
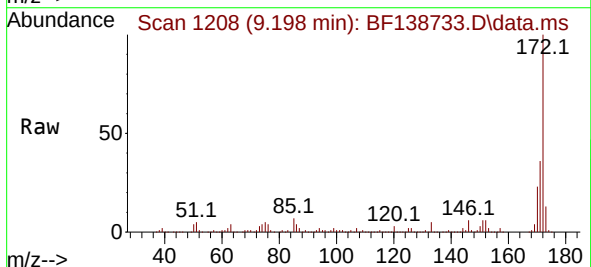
Instrument :
BNA_F
ClientSampleId :
VNJ-222

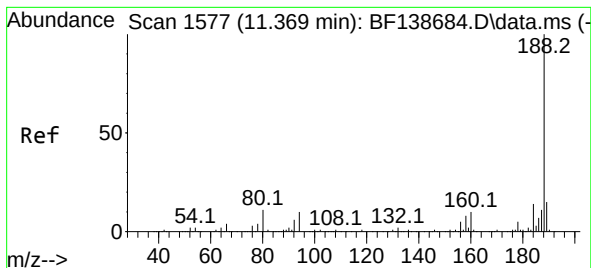
Tgt Ion:330 Resp: 156021
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 38.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 96.127 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138733.D
Acq: 01 Aug 2024 19:38

Tgt Ion:172 Resp: 926586
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138733.D

Acq: 01 Aug 2024 19:38

Instrument :

BNA_F

ClientSampleId :

VNJ-222

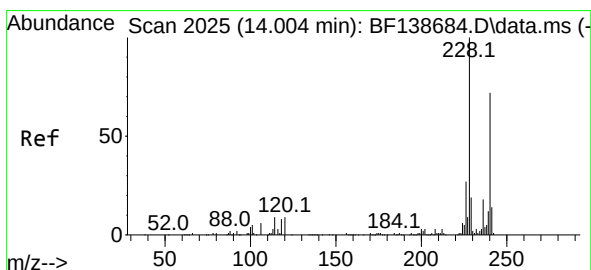
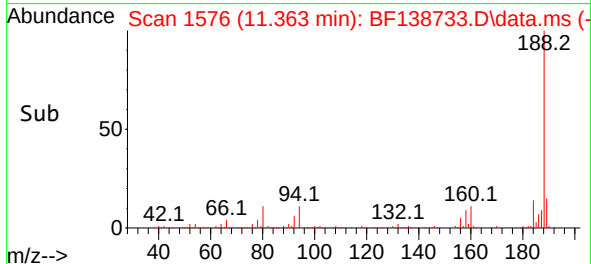
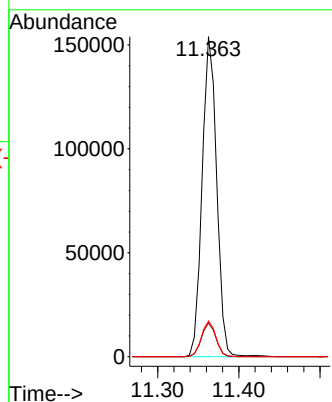
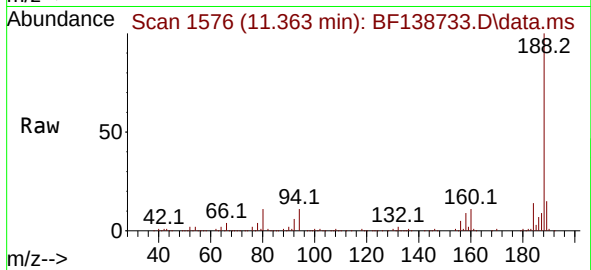
Tgt Ion:188 Resp: 191394

Ion Ratio Lower Upper

188 100

94 10.5 7.6 11.4

80 11.2 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: BF138733.D

Acq: 01 Aug 2024 19:38

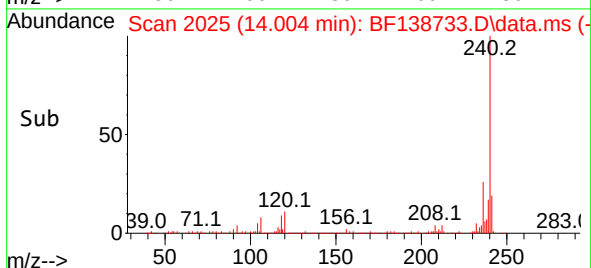
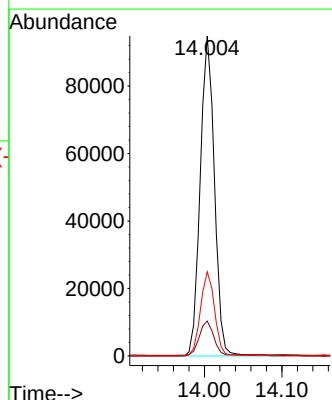
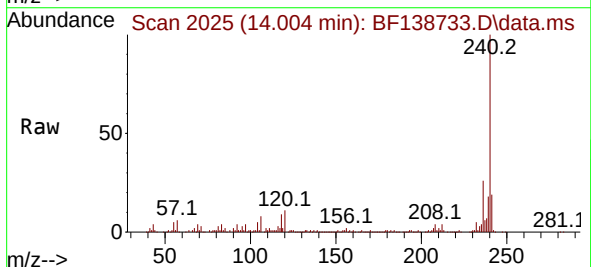
Tgt Ion:240 Resp: 120931

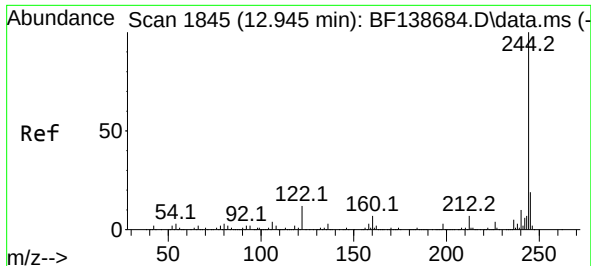
Ion Ratio Lower Upper

240 100

120 10.9 10.2 15.4

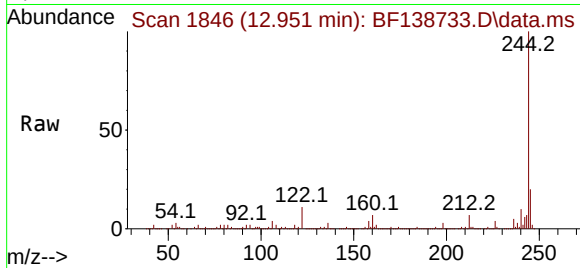
236 26.3 19.8 29.8



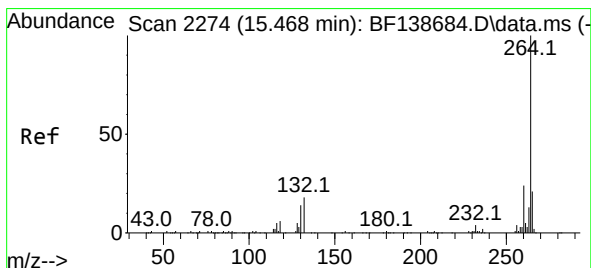
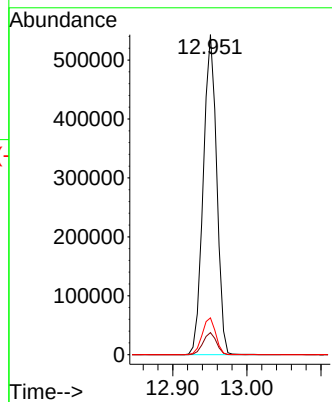
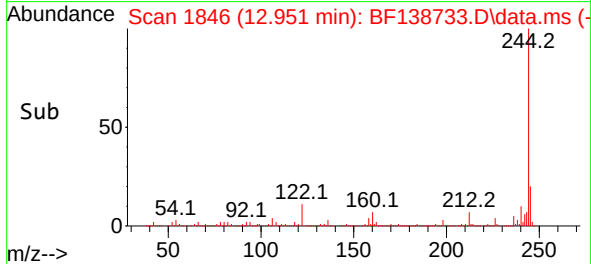


#79
 Terphenyl-d14
 Concen: 94.614 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138733.D
 Acq: 01 Aug 2024 19:38

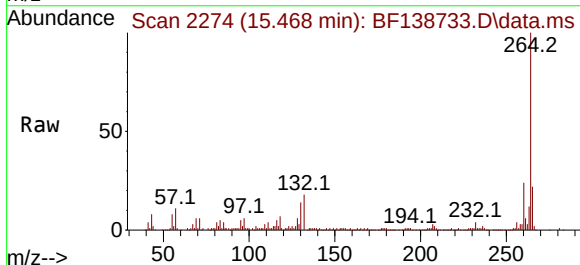
Instrument :
 BNA_F
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 VNJ-222



Tgt Ion:244 Resp: 683391
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.5 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: BF138733.D
 Acq: 01 Aug 2024 19:38



Tgt Ion:264 Resp: 130013
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.2 17.0 25.6

