

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
Data File : BF138470.D
Acq On : 05 Jul 2024 16:03
Operator : CG\JU
Sample : P3142-01RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-231RE

Quant Time: Jul 05 16:28:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	60398	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	235631	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	130994	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	232959	20.000	ng	0.00
76) Chrysene-d12	14.027	240	138549	20.000	ng	0.00
86) Perylene-d12	15.498	264	131221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	337502	92.646	ng	-0.01
7) Phenol-d6	6.504	99	464115	94.575	ng	-0.01
23) Nitrobenzene-d5	7.428	82	302724	66.739	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	98264	91.815	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	547770	66.549	ng	0.00
79) Terphenyl-d14	12.974	244	543417	53.751	ng	0.00

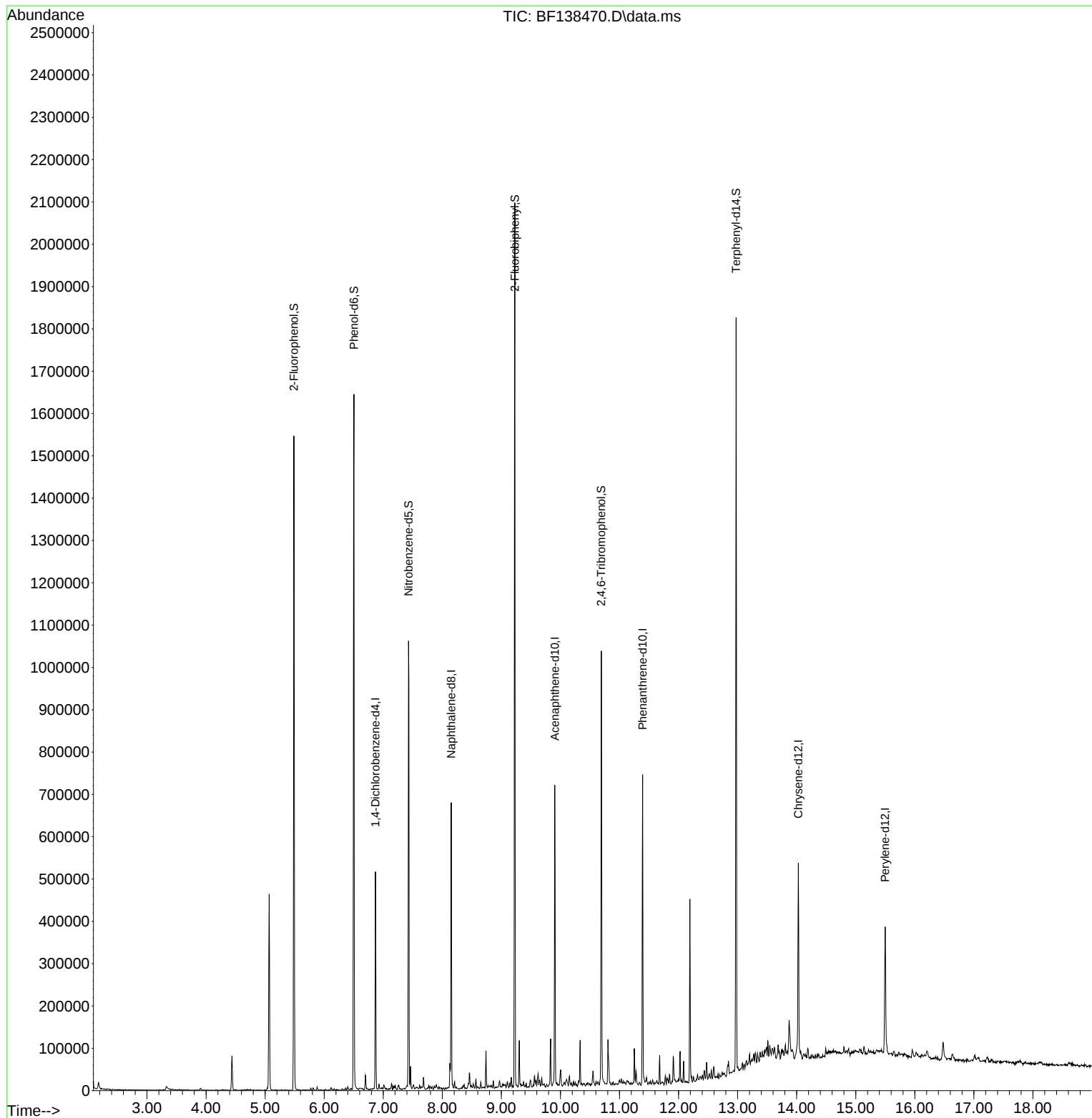
Target Compounds	Qvalue

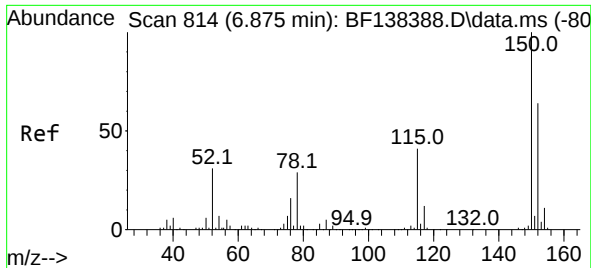
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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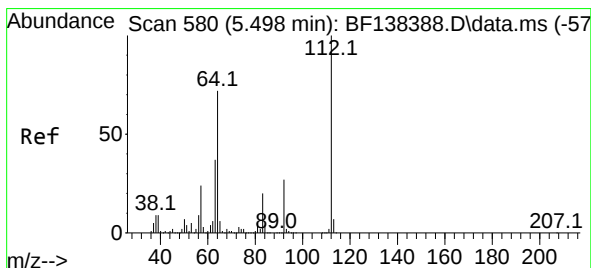
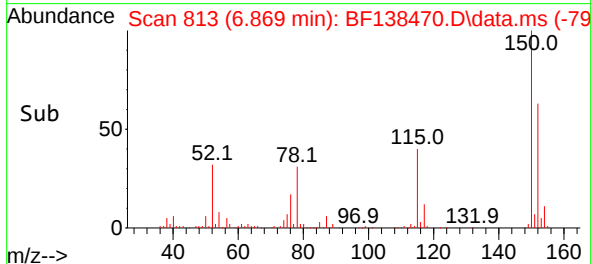
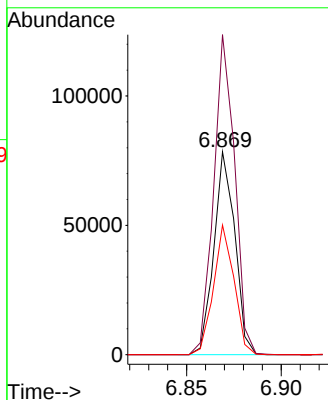
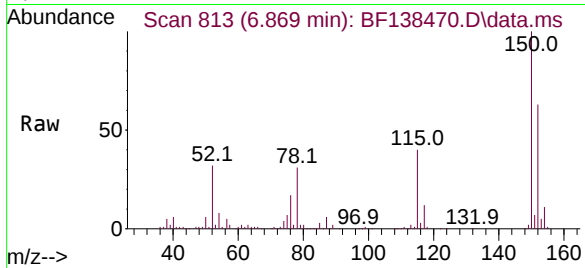




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138470.D
Acq: 05 Jul 2024 16:03

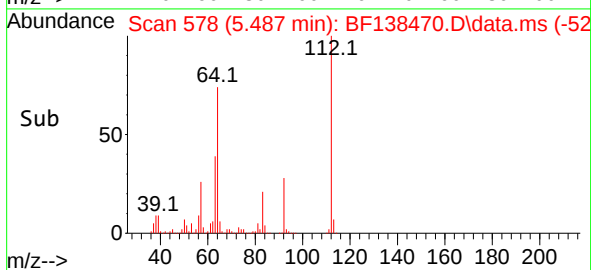
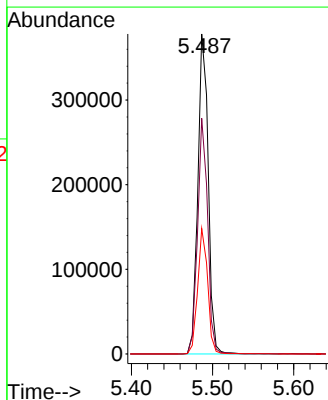
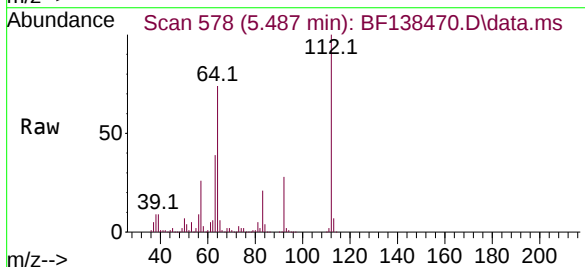
Instrument :
BNA_F
ClientSampleId :
VNJ-231RE

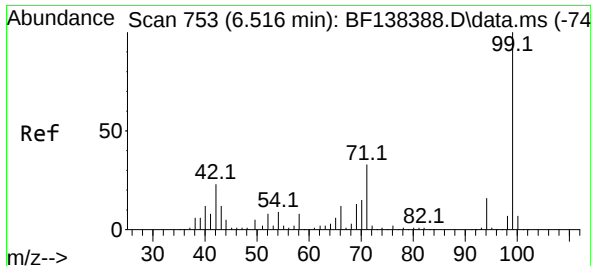
Tgt Ion:152 Resp: 60398
Ion Ratio Lower Upper
152 100
150 157.7 124.9 187.3
115 63.9 50.8 76.2



#5
2-Fluorophenol
Concen: 92.646 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.012 min
Lab File: BF138470.D
Acq: 05 Jul 2024 16:03

Tgt Ion:112 Resp: 337502
Ion Ratio Lower Upper
112 100
64 73.7 57.2 85.8
63 39.2 29.4 44.0

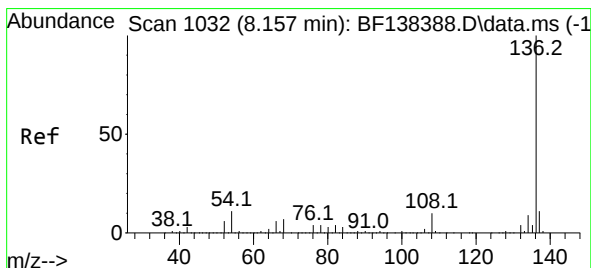
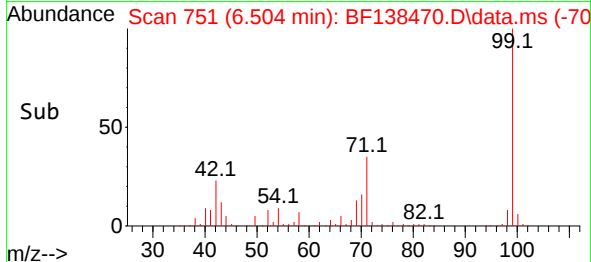
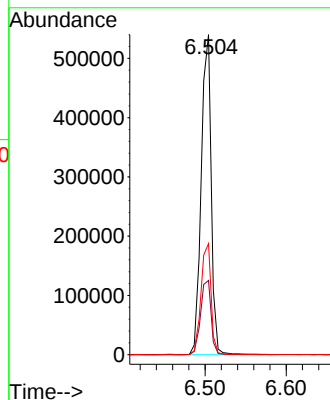
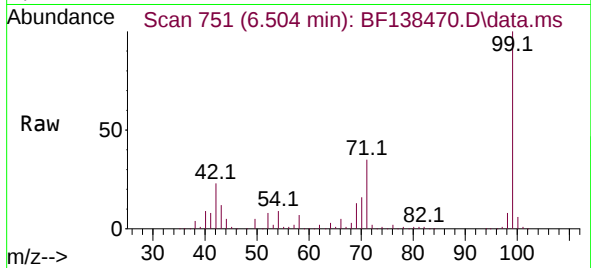




#7
Phenol-d6
Concen: 94.575 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138470.D
Acq: 05 Jul 2024 16:03

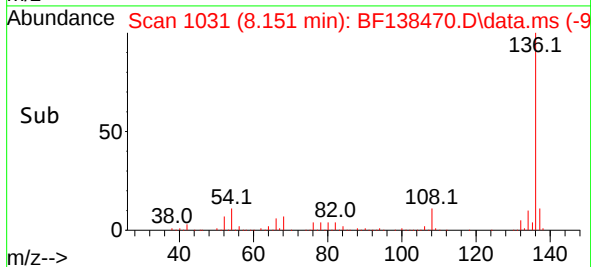
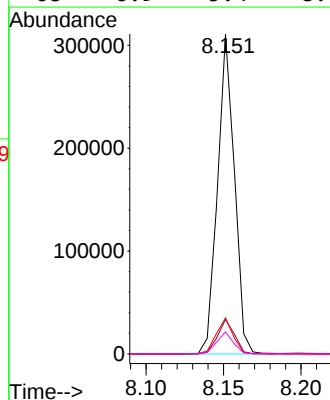
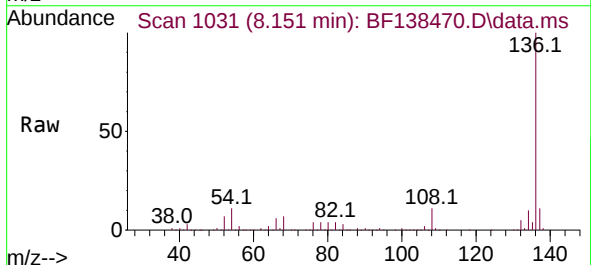
Instrument :
BNA_F
ClientSampleId :
VNJ-231RE

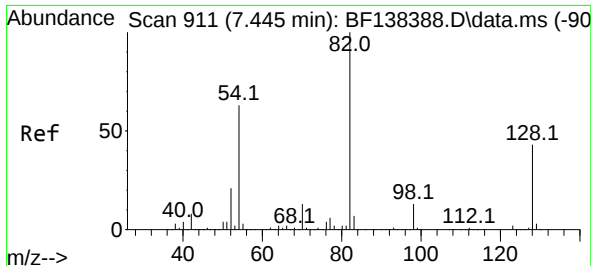
Tgt Ion: 99 Resp: 464115
Ion Ratio Lower Upper
99 100
42 23.2 18.5 27.7
71 34.7 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138470.D
Acq: 05 Jul 2024 16:03

Tgt Ion: 136 Resp: 235631
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.2 9.0 13.4
68 6.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 66.739 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF138470.D

Acq: 05 Jul 2024 16:03

Instrument :

BNA_F

ClientSampleId :

VNJ-231RE

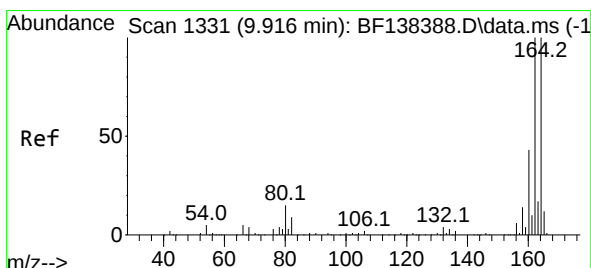
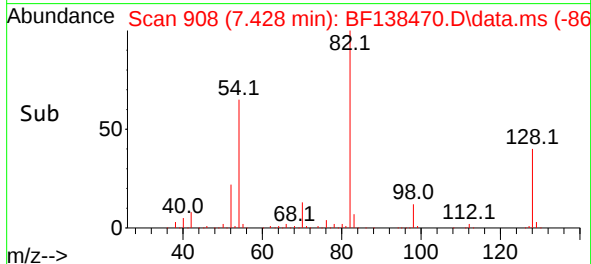
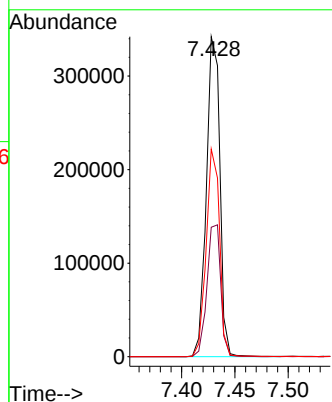
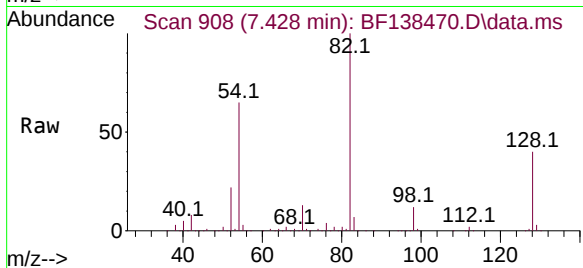
Tgt Ion: 82 Resp: 302724

Ion Ratio Lower Upper

82 100

128 40.5 34.6 52.0

54 64.9 50.5 75.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF138470.D

Acq: 05 Jul 2024 16:03

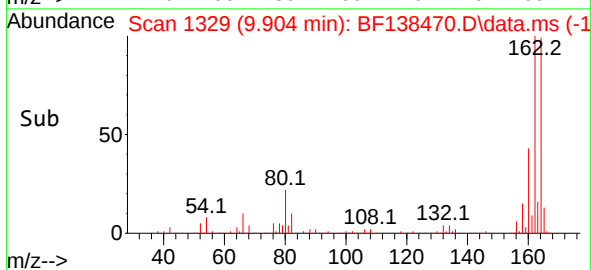
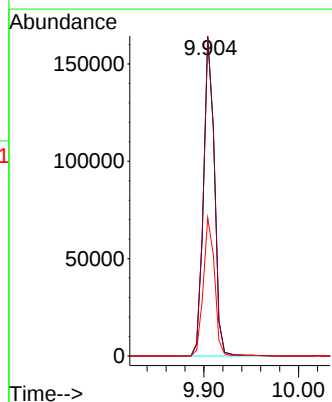
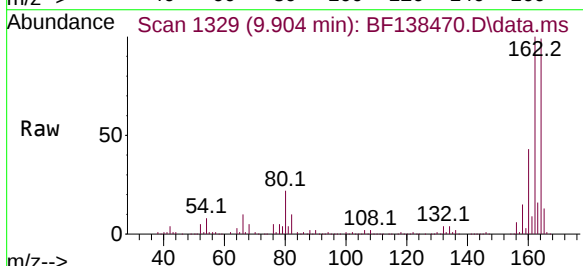
Tgt Ion:164 Resp: 130994

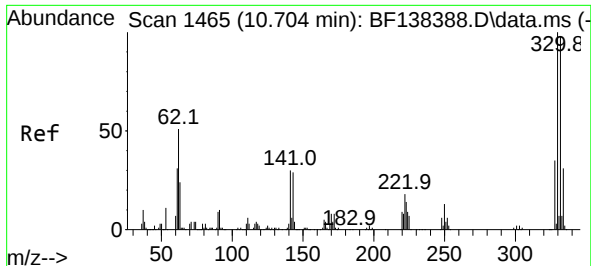
Ion Ratio Lower Upper

164 100

162 100.5 80.1 120.1

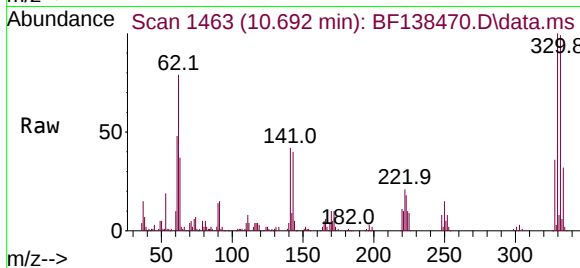
160 43.4 34.1 51.1



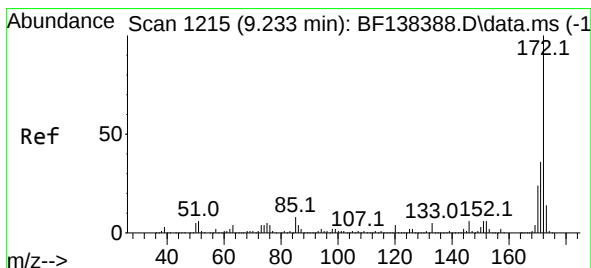
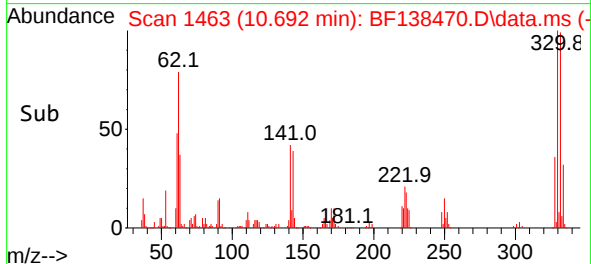
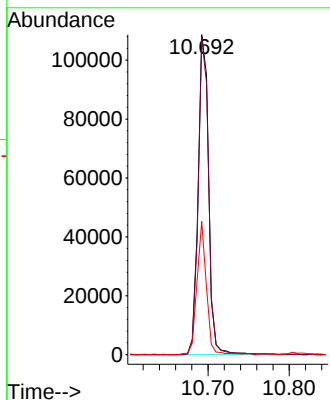


#42
2,4,6-Tribromophenol
Concen: 91.815 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138470.D
Acq: 05 Jul 2024 16:03

Instrument :
BNA_F
ClientSampleId :
VNJ-231RE

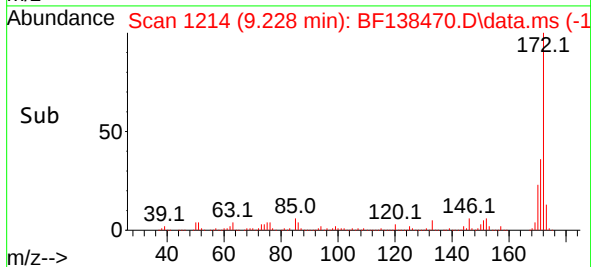
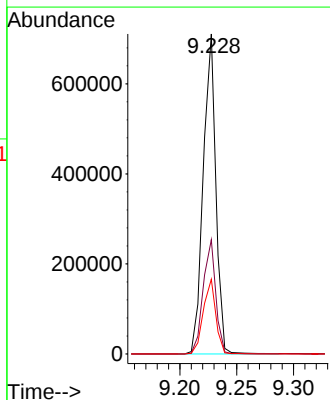
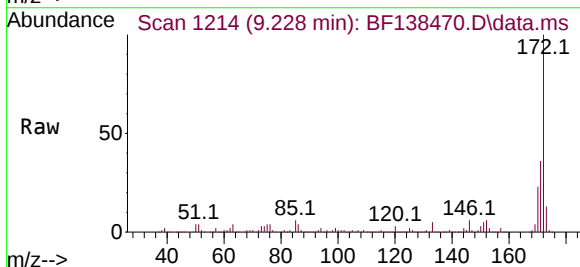


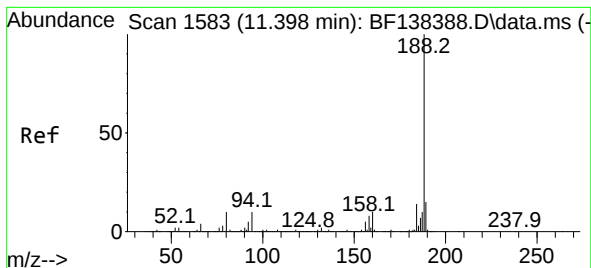
Tgt Ion:330 Resp: 98264
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 37.8 28.1 42.1



#45
2-Fluorobiphenyl
Concen: 66.549 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138470.D
Acq: 05 Jul 2024 16:03

Tgt Ion:172 Resp: 547770
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138470.D

Acq: 05 Jul 2024 16:03

Instrument :

BNA_F

ClientSampleId :

VNJ-231RE

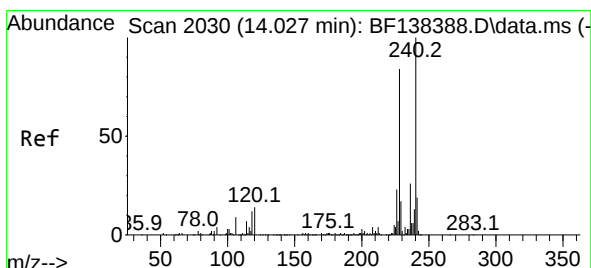
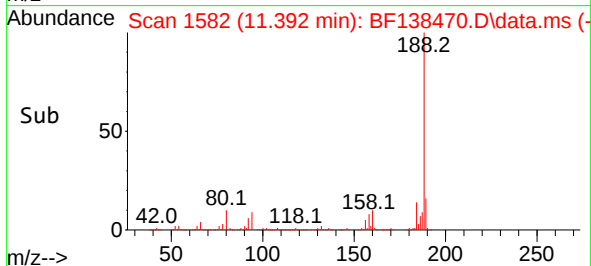
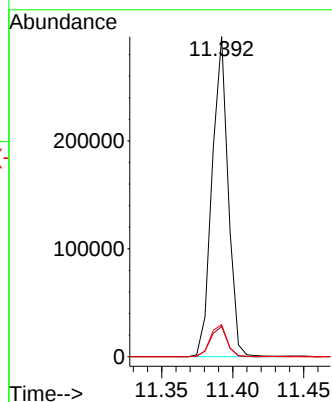
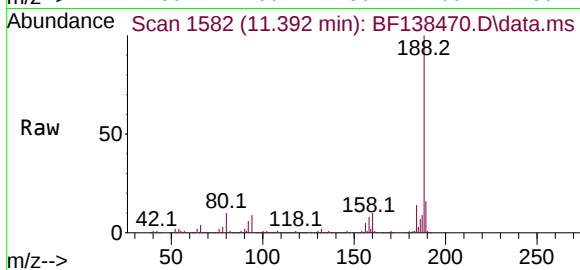
Tgt Ion:188 Resp: 232959

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

80 10.0 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138470.D

Acq: 05 Jul 2024 16:03

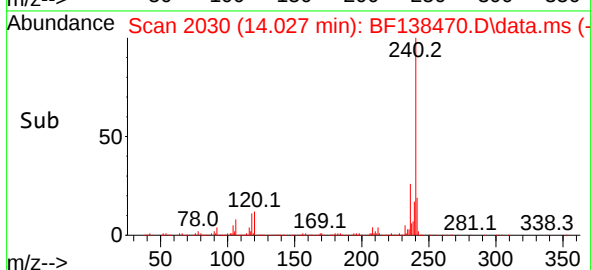
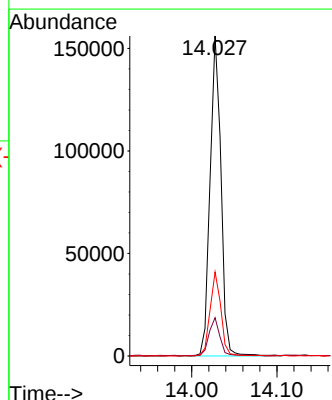
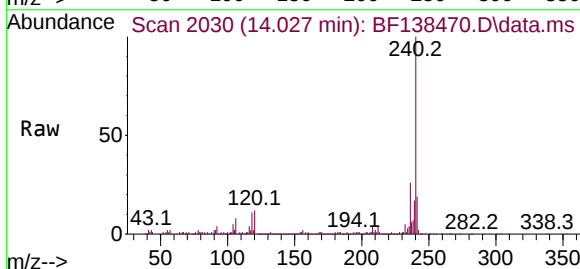
Tgt Ion:240 Resp: 138549

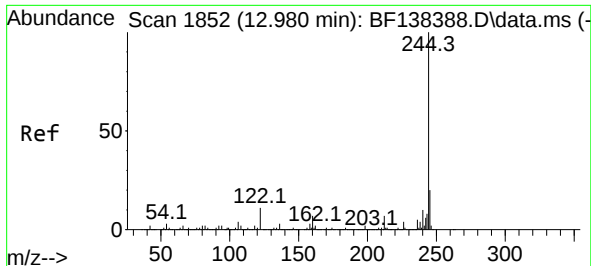
Ion Ratio Lower Upper

240 100

120 12.0 10.9 16.3

236 26.2 20.6 30.8

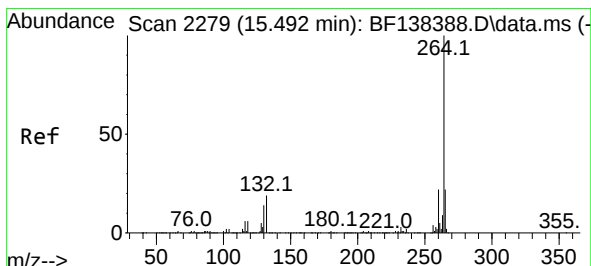
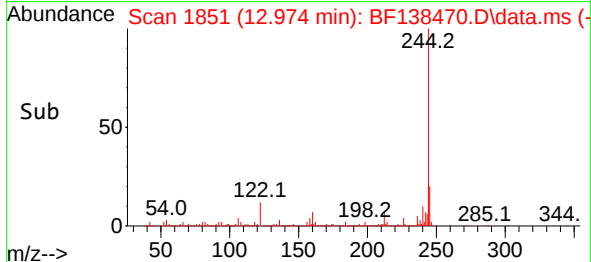
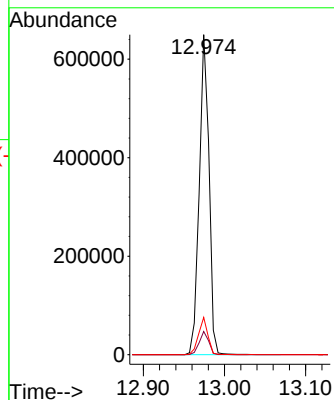
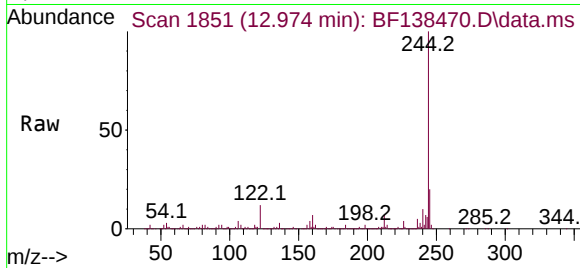




#79
 Terphenyl-d14
 Concen: 53.751 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138470.D
 Acq: 05 Jul 2024 16:03

Instrument :
 BNA_F
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 VNJ-231RE

Tgt Ion:244 Resp: 543417
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.7 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF138470.D
 Acq: 05 Jul 2024 16:03

Tgt Ion:264 Resp: 131221
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.8 26.6
 265 21.0 17.5 26.3

