

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140922.D
 Acq On : 19 Dec 2024 13:29
 Operator : RC/JU
 Sample : P5312-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-VNJ-222

Quant Time: Dec 19 13:52:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	58228	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	220188	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	116582	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	194511	20.000	ng	0.00
76) Chrysene-d12	14.027	240	118632	20.000	ng	0.00
86) Perylene-d12	15.533	264	132279	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	208006	58.806	ng	0.01
7) Phenol-d6	6.498	99	334383	71.373	ng	0.00
23) Nitrobenzene-d5	7.410	82	251009	57.034	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	55453	40.217	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	477515	56.313	ng	0.00
79) Terphenyl-d14	12.957	244	419590	55.772	ng	0.00

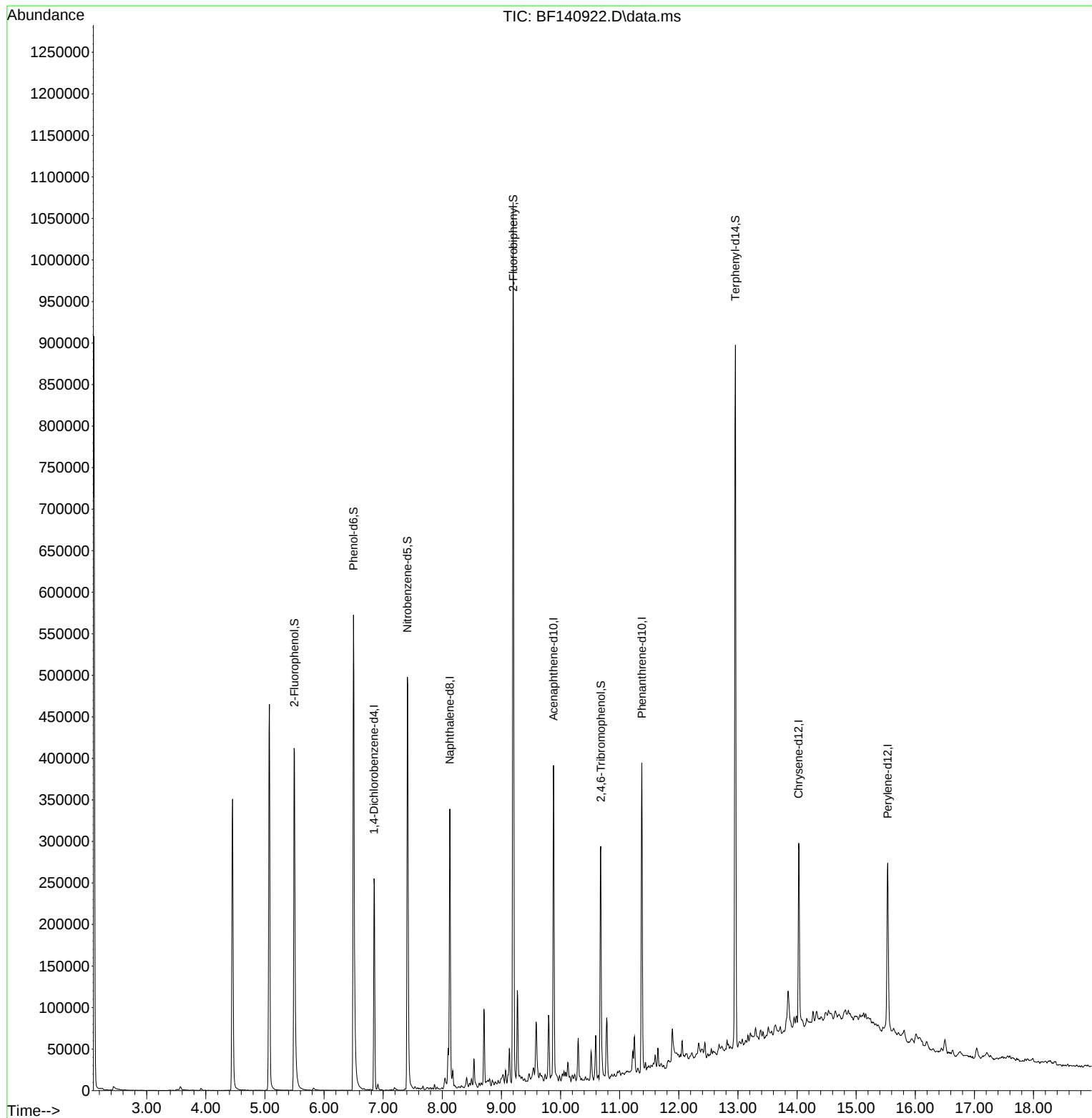
Target Compounds	Qvalue

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

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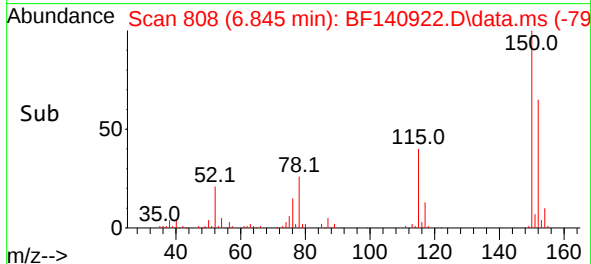
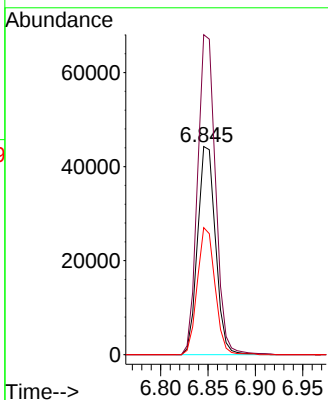
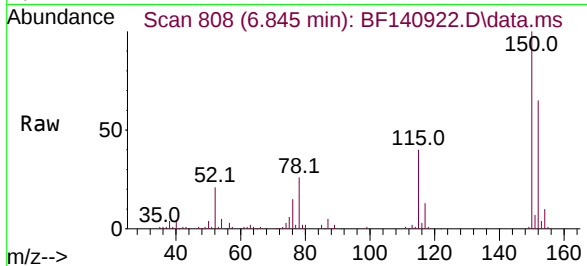




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

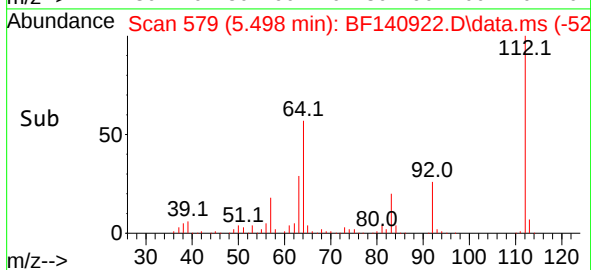
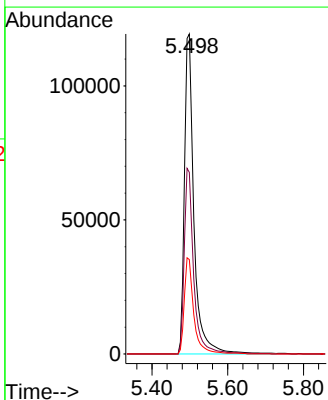
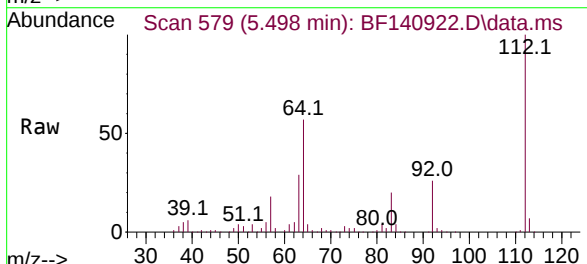
Instrument :
BNA_F
ClientSampleId :
CONCRETE-VNJ-222

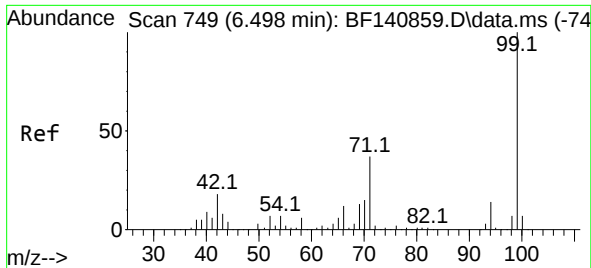
Tgt Ion:152 Resp: 58228
Ion Ratio Lower Upper
152 100
150 153.7 127.9 191.9
115 61.0 48.0 72.0



#5
2-Fluorophenol
Concen: 58.806 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Tgt Ion:112 Resp: 208006
Ion Ratio Lower Upper
112 100
64 56.8 46.1 69.1
63 29.5 24.9 37.3

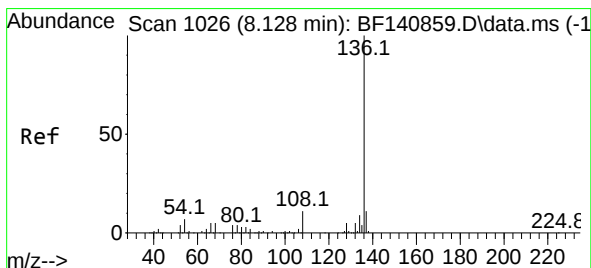
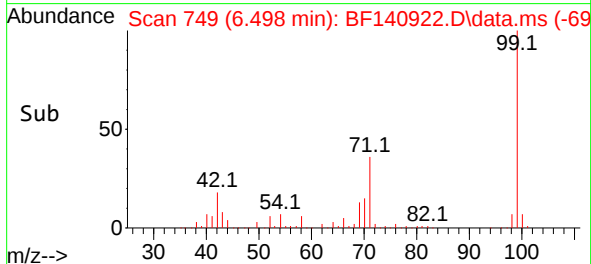
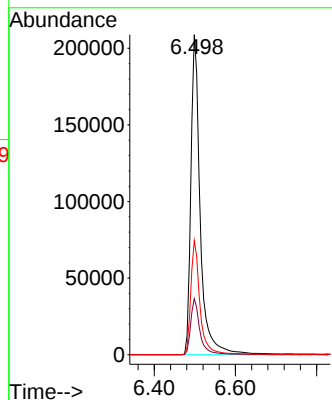
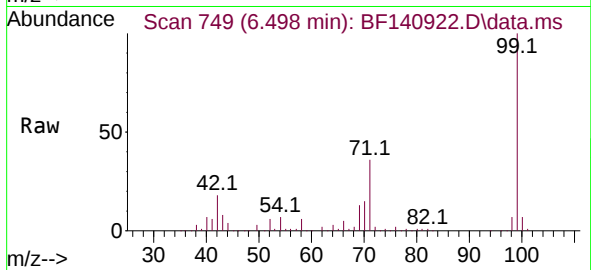




#7
Phenol-d6
Concen: 71.373 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

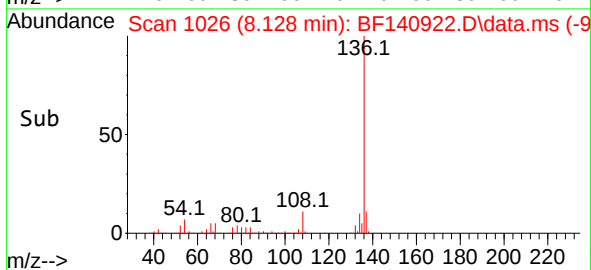
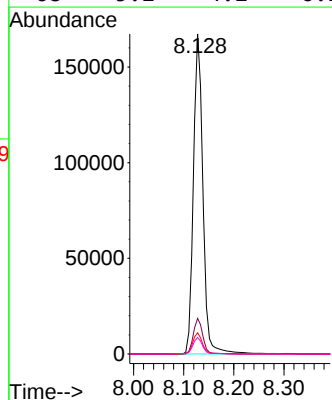
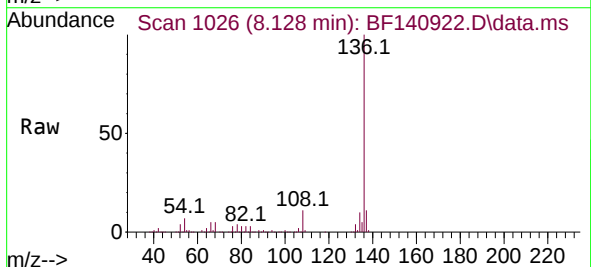
Instrument :
BNA_F
ClientSampleId :
CONCRETE-VNJ-222

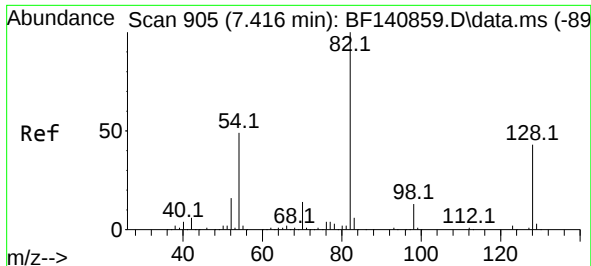
Tgt Ion: 99 Resp: 334383
Ion Ratio Lower Upper
99 100
42 17.5 14.3 21.5
71 35.6 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140922.D
Acq: 19 Dec 2024 13:29

Tgt Ion: 136 Resp: 220188
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.6 5.6 8.4
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 57.034 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF140922.D

Acq: 19 Dec 2024 13:29

Instrument :

BNA_F

ClientSampleId :

CONCRETE-VNJ-222

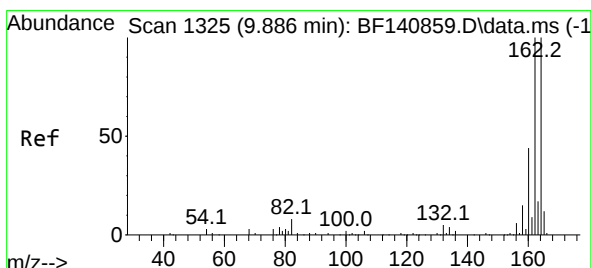
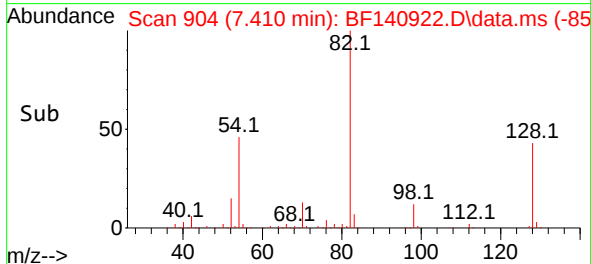
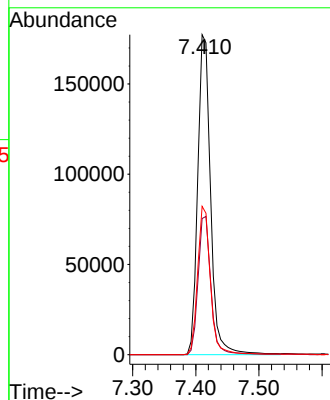
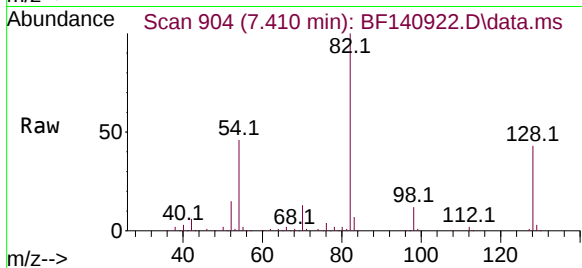
Tgt Ion: 82 Resp: 251009

Ion Ratio Lower Upper

82 100

128 42.6 34.4 51.6

54 46.3 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF140922.D

Acq: 19 Dec 2024 13:29

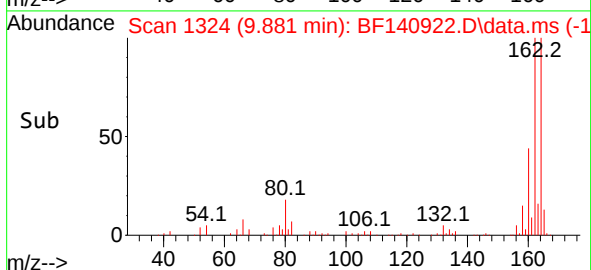
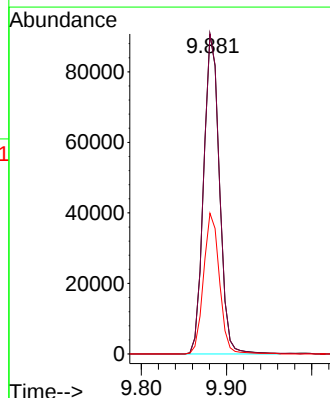
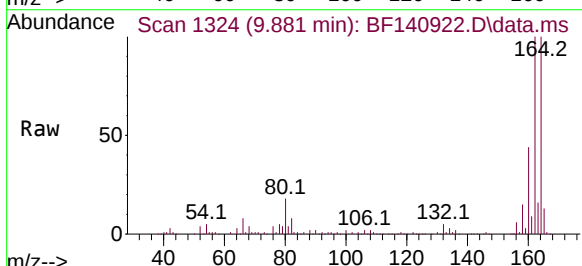
Tgt Ion:164 Resp: 116582

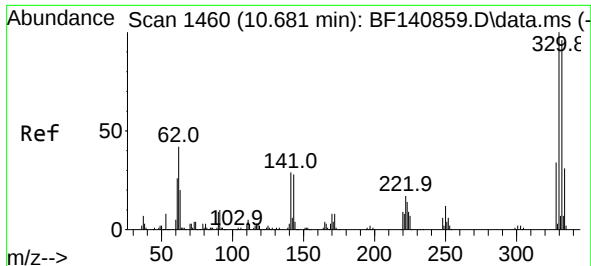
Ion Ratio Lower Upper

164 100

162 100.2 79.9 119.9

160 44.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 40.217 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140922.D

Acq: 19 Dec 2024 13:29

Instrument :

BNA_F

ClientSampleId :

CONCRETE-VNJ-222

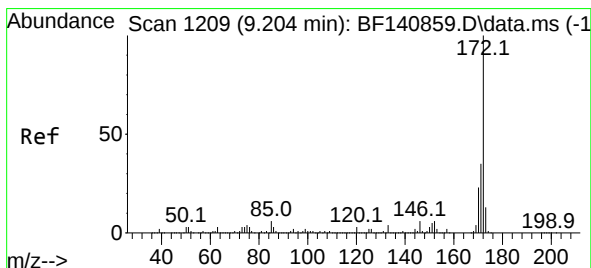
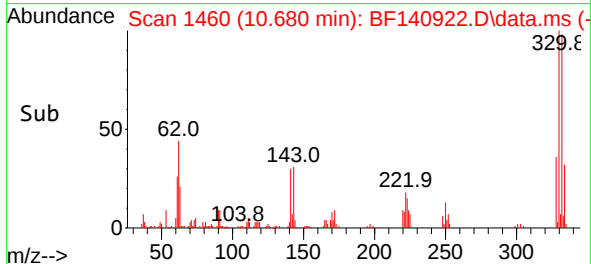
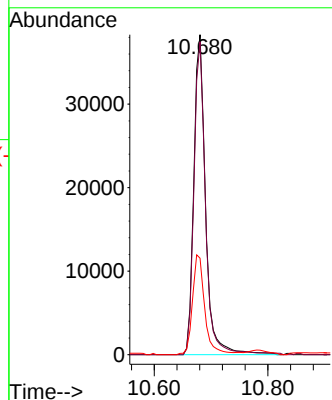
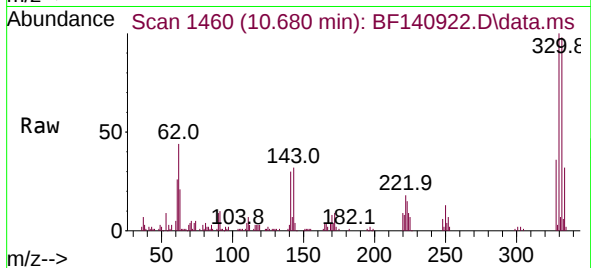
Tgt Ion:330 Resp: 55453

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

141 32.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 56.313 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140922.D

Acq: 19 Dec 2024 13:29

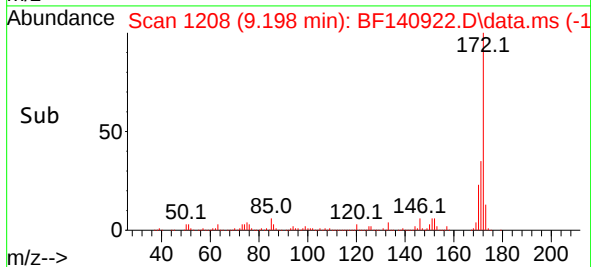
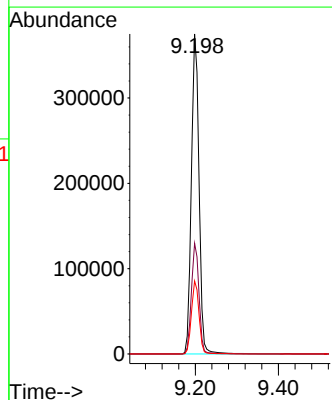
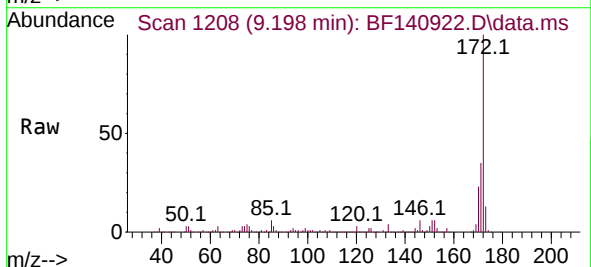
Tgt Ion:172 Resp: 477515

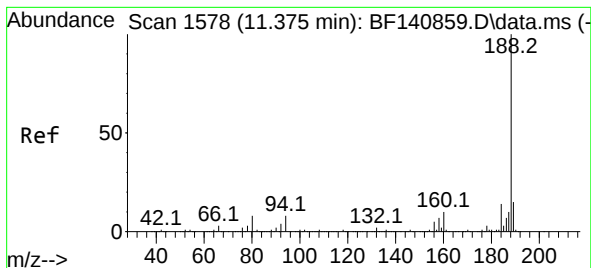
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 22.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140922.D

Acq: 19 Dec 2024 13:29

Instrument :

BNA_F

ClientSampleId :

CONCRETE-VNJ-222

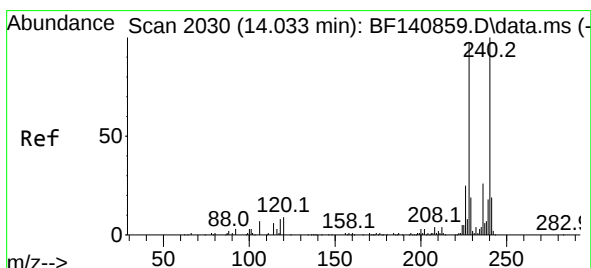
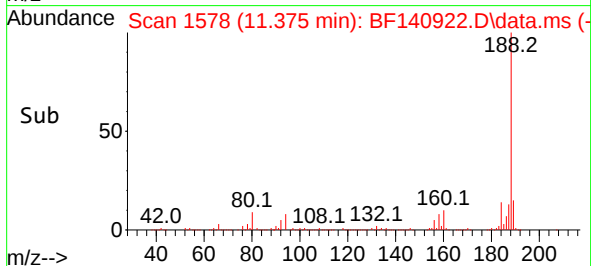
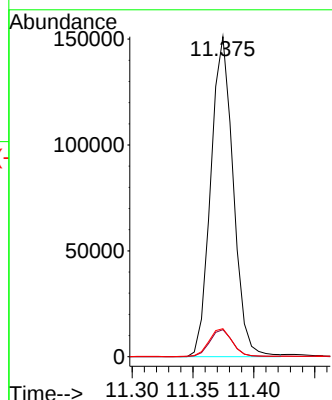
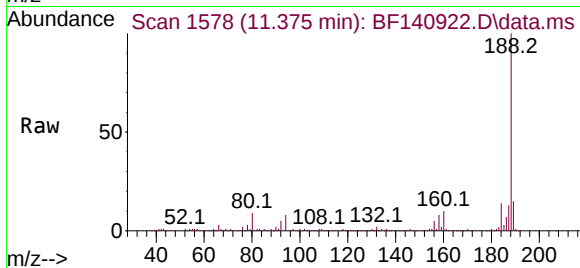
Tgt Ion:188 Resp: 194511

Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 8.7 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140922.D

Acq: 19 Dec 2024 13:29

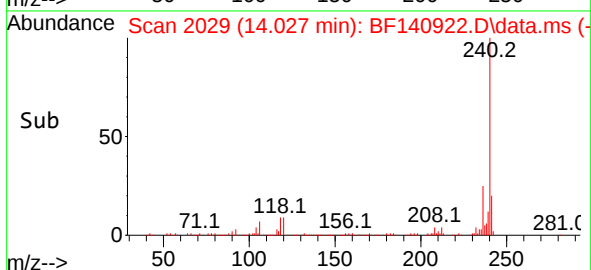
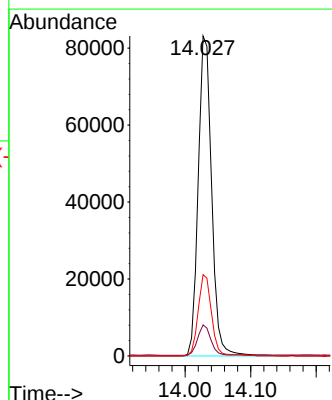
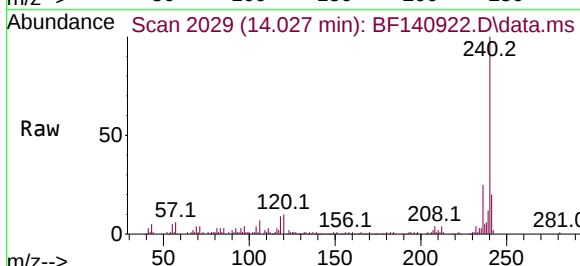
Tgt Ion:240 Resp: 118632

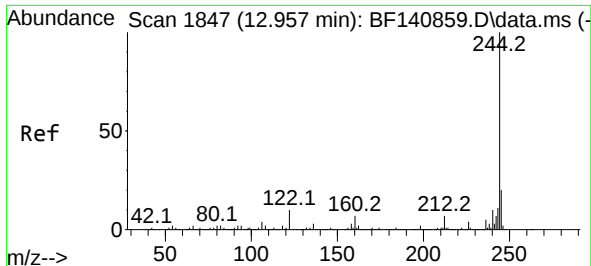
Ion Ratio Lower Upper

240 100

120 9.7 7.6 11.4

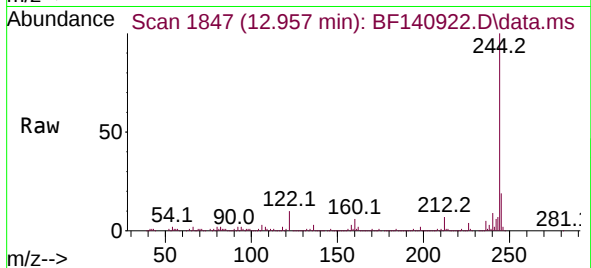
236 25.4 20.5 30.7



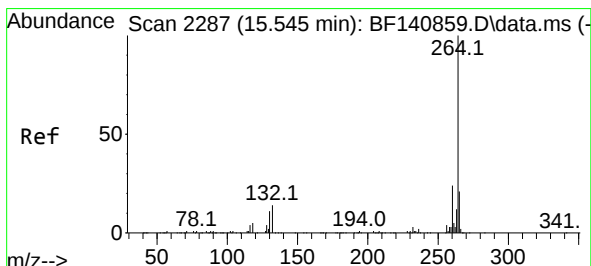
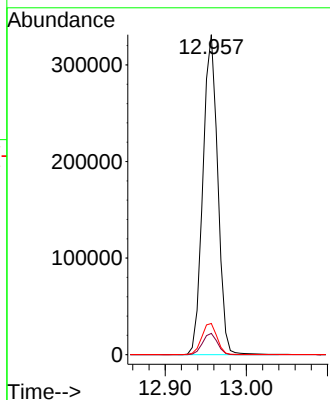
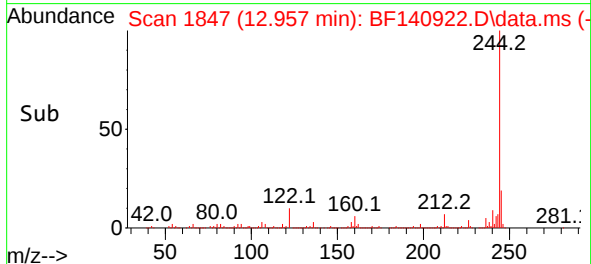


#79
 Terphenyl-d14
 Concen: 55.772 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140922.D
 Acq: 19 Dec 2024 13:29

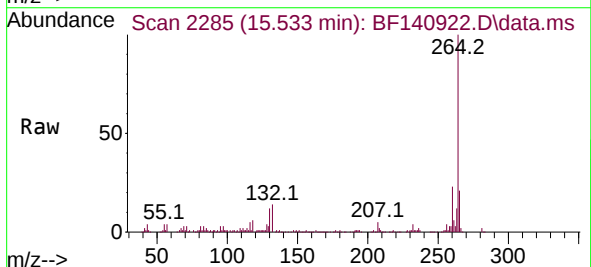
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Tgt Ion:244 Resp: 419590
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.8 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.012 min
 Lab File: BF140922.D
 Acq: 19 Dec 2024 13:29



Tgt Ion:264 Resp: 132279
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.2 17.0 25.4

