

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138742.D
 Acq On : 02 Aug 2024 12:28
 Operator : RC/JU
 Sample : P3396-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF02-01

Quant Time: Aug 02 13:06:52 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)

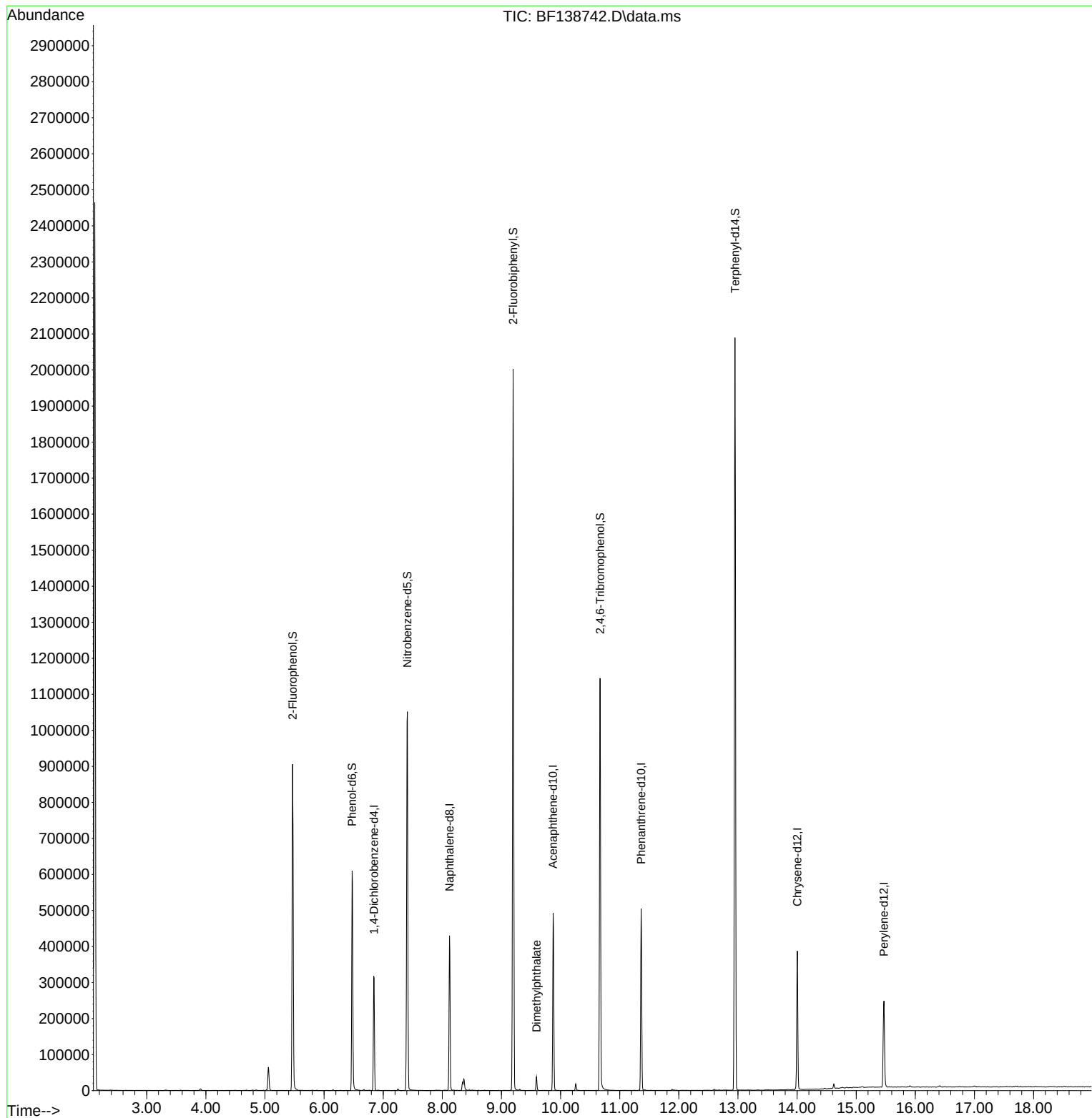
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	63039	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	259893	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	144841	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	257903	20.000	ng	0.00
76) Chrysene-d12	14.004	240	174500	20.000	ng	0.00
86) Perylene-d12	15.468	264	139023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	302980	74.191	ng	0.00
7) Phenol-d6	6.475	99	273363	49.858	ng	-0.01
23) Nitrobenzene-d5	7.410	82	487969	91.797	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	173011	145.823	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	843306	87.480	ng	0.00
79) Terphenyl-d14	12.951	244	1000662	96.010	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.592	163	20912	2.258	ng	Qvalue # 99

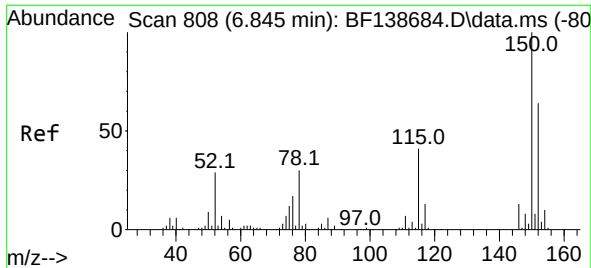
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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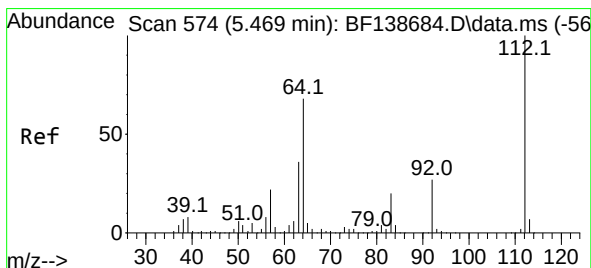
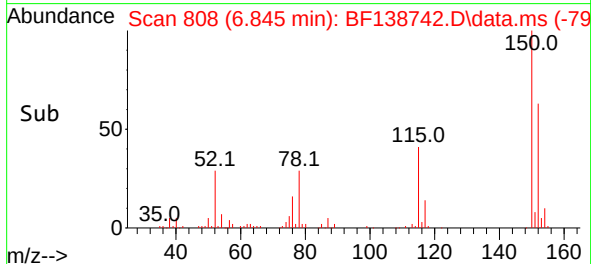
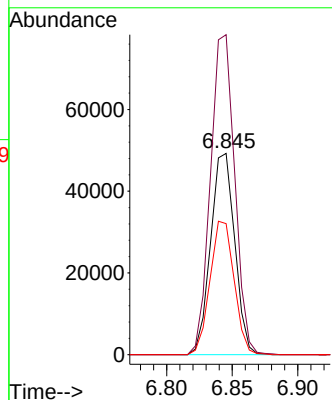
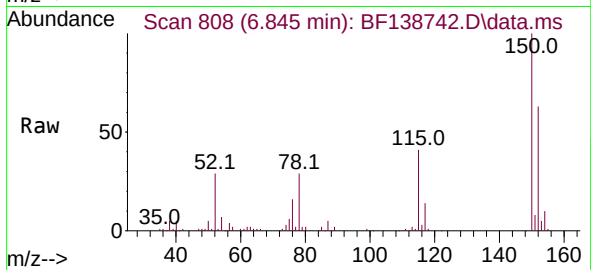




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

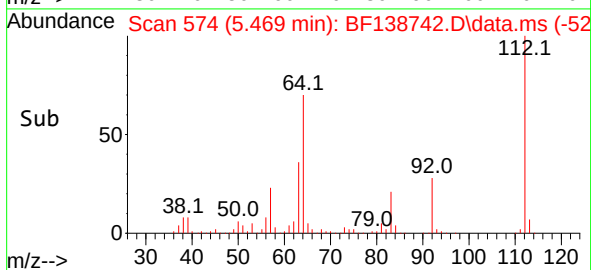
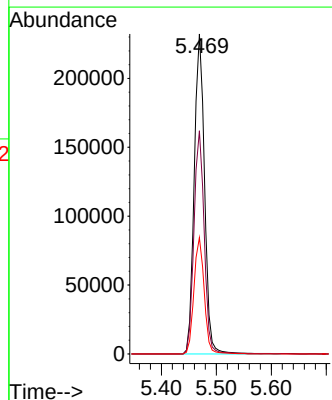
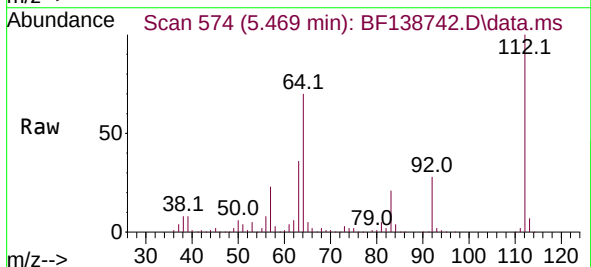
Instrument :
BNA_F
ClientSampleId :
P001-CF02-01

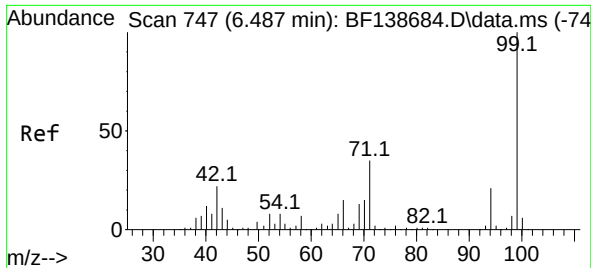
Tgt Ion:152 Resp: 63039
Ion Ratio Lower Upper
152 100
150 158.9 126.0 189.0
115 65.1 51.7 77.5



#5
2-Fluorophenol
Concen: 74.191 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

Tgt Ion:112 Resp: 302980
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 36.4 28.7 43.1

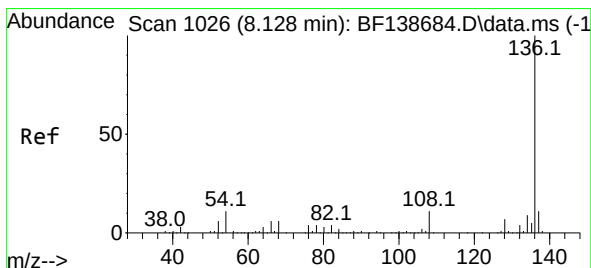
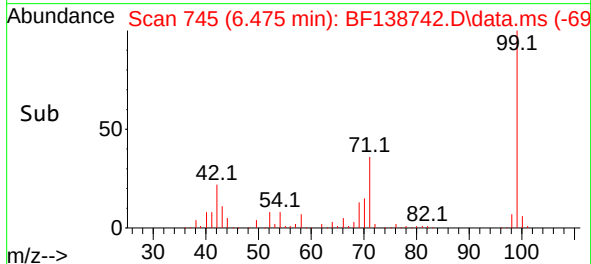
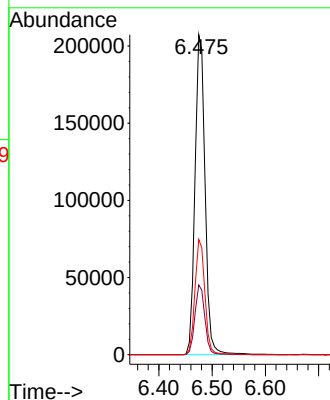
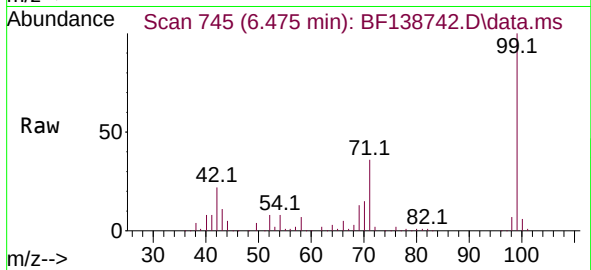




#7
Phenol-d6
Concen: 49.858 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

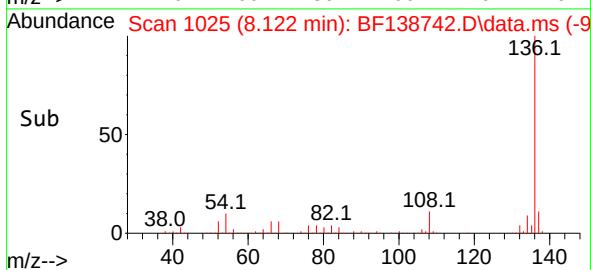
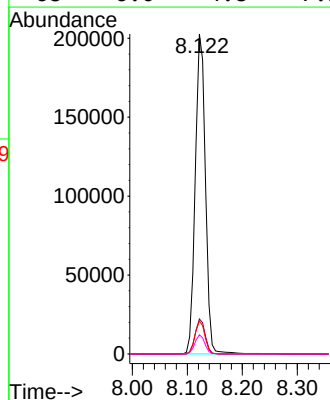
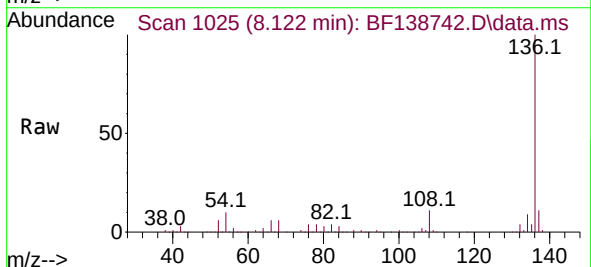
Instrument :
BNA_F
ClientSampleId :
P001-CF02-01

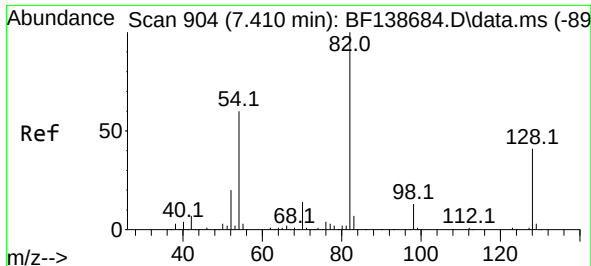
Tgt Ion: 99 Resp: 273363
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.0
71 36.0 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

Tgt Ion: 136 Resp: 259893
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.3 8.6 12.8
68 6.0 4.8 7.2

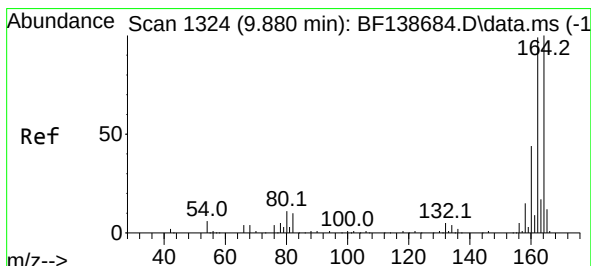
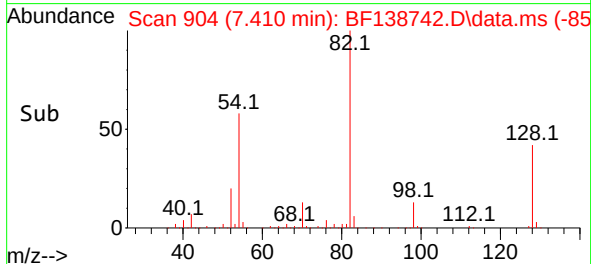
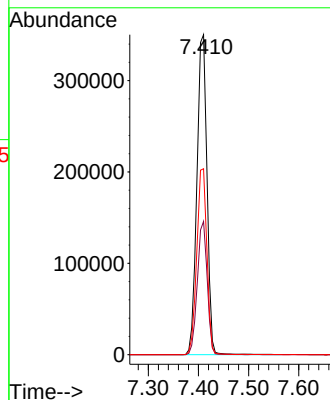
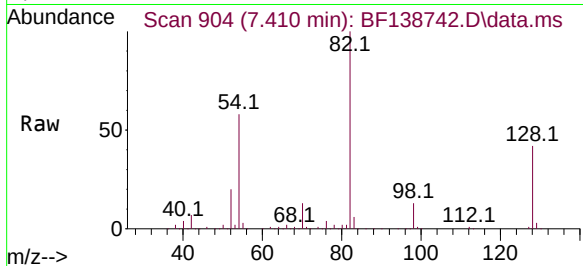




#23
 Nitrobenzene-d5
 Concen: 91.797 ng
 RT: 7.410 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: BF138742.D
 Acq: 02 Aug 2024 12:28

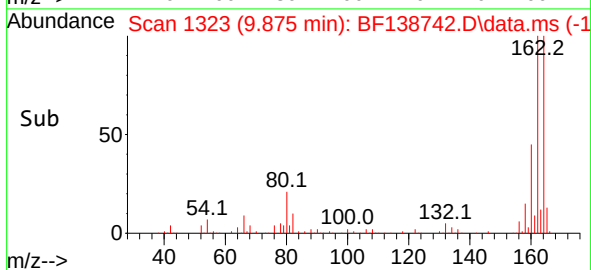
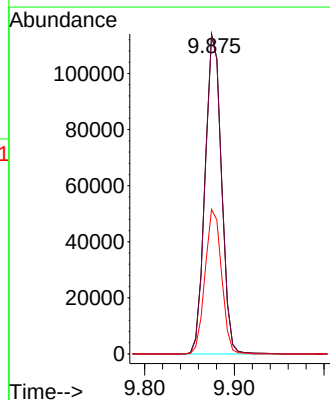
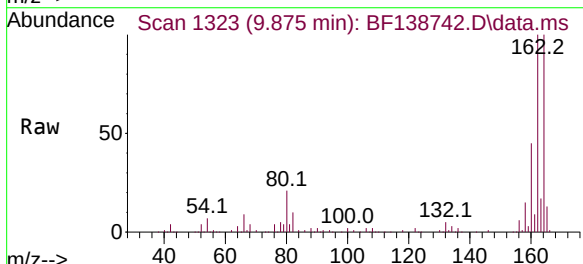
Instrument :
 BNA_F
 ClientSampleId :
 P001-CF02-01

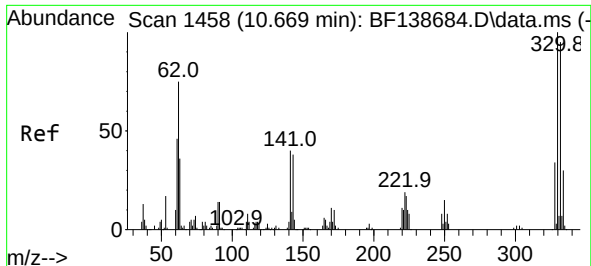
Tgt Ion: 82 Resp: 487969
 Ion Ratio Lower Upper
 82 100
 128 41.6 32.8 49.2
 54 58.1 48.3 72.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.875 min Scan# 1323
 Delta R.T. -0.005 min
 Lab File: BF138742.D
 Acq: 02 Aug 2024 12:28

Tgt Ion:164 Resp: 144841
 Ion Ratio Lower Upper
 164 100
 162 99.5 79.4 119.0
 160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 145.823 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138742.D

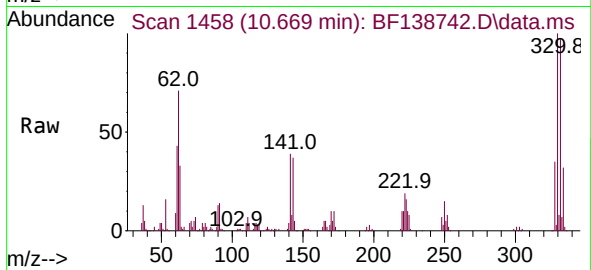
Acq: 02 Aug 2024 12:28

Instrument :

BNA_F

ClientSampleId :

P001-CF02-01



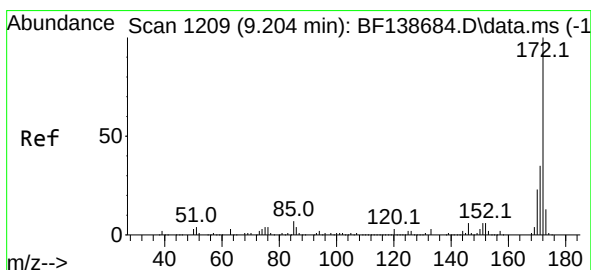
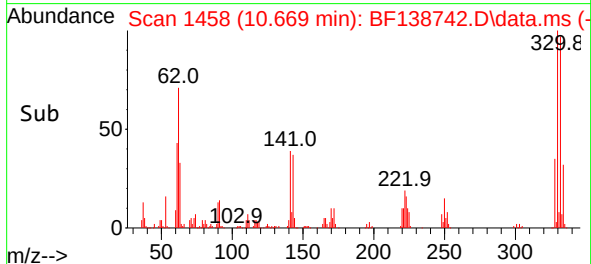
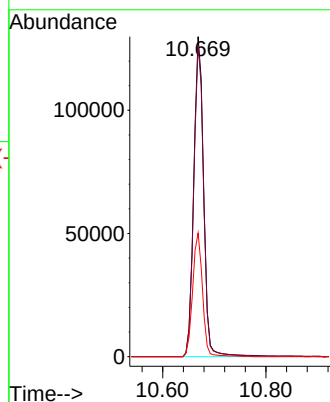
Tgt Ion:330 Resp: 173011

Ion Ratio Lower Upper

330 100

332 97.3 76.4 114.6

141 38.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 87.480 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138742.D

Acq: 02 Aug 2024 12:28

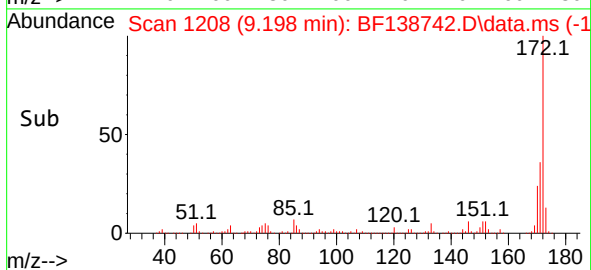
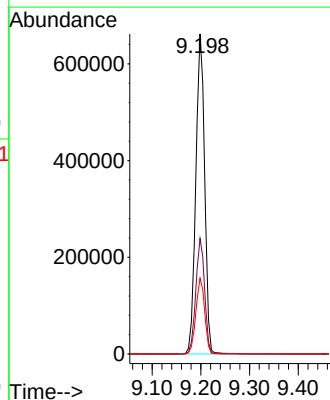
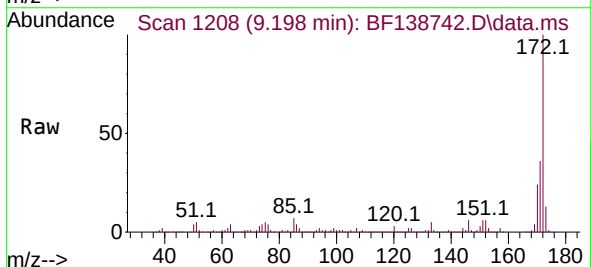
Tgt Ion:172 Resp: 843306

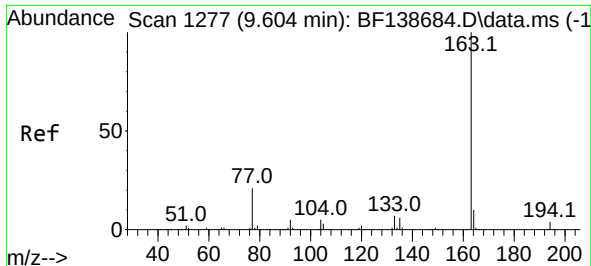
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.6 18.8 28.2

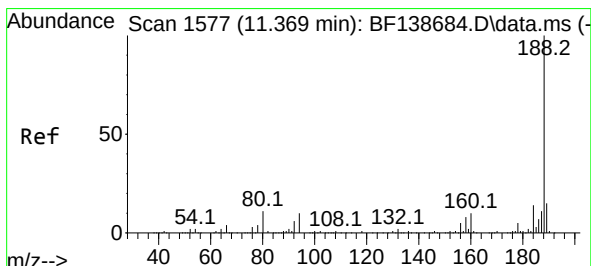
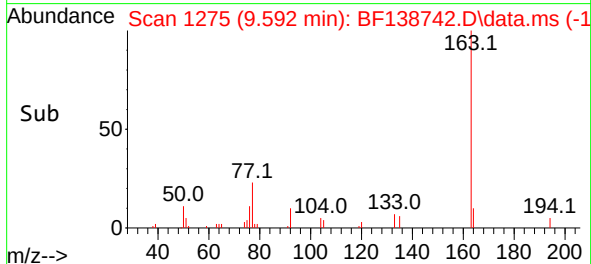
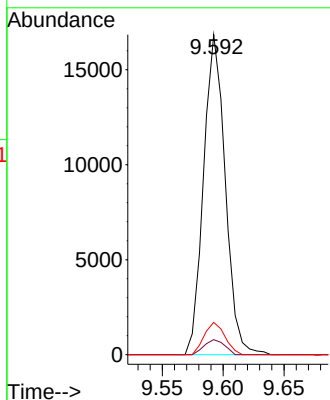
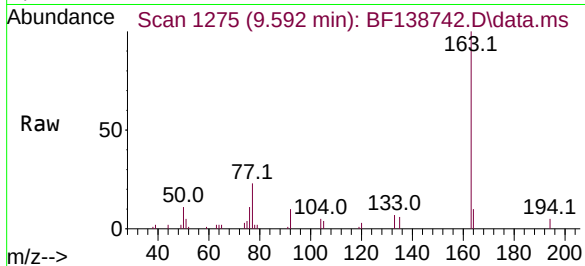




#50
Dimethylphthalate
Concen: 2.258 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

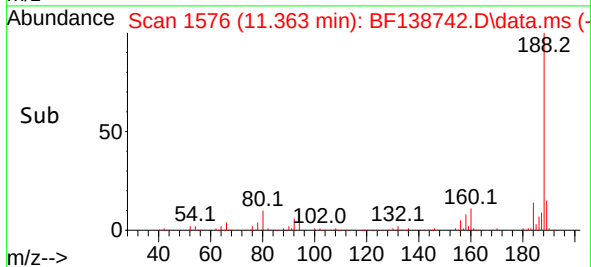
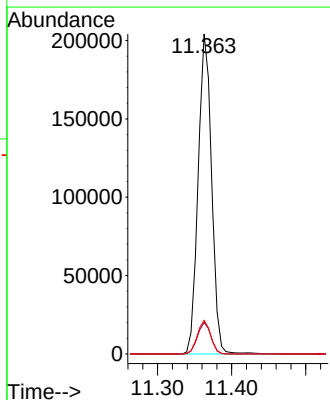
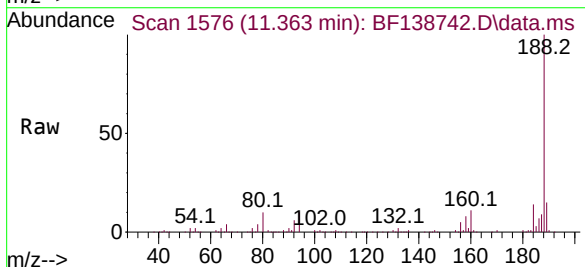
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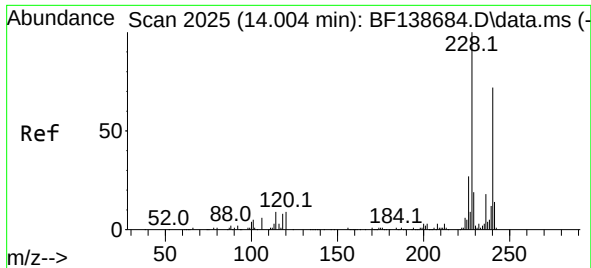
Tgt Ion:163 Resp: 20912
Ion Ratio Lower Upper
163 100
194 4.7 3.1 4.7#
164 10.1 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

Tgt Ion:188 Resp: 257903
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 10.5 8.6 12.8

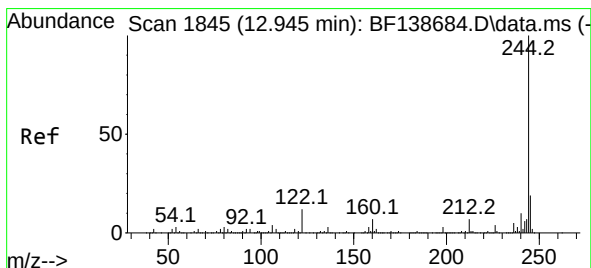
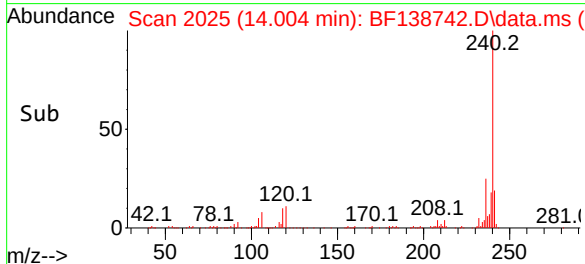
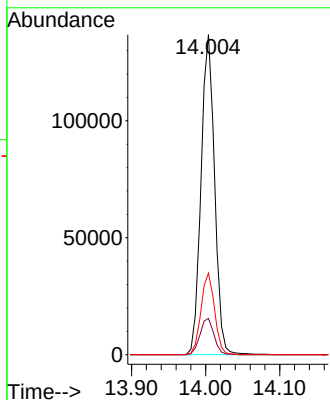
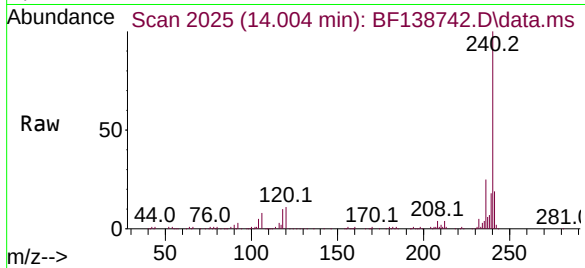




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

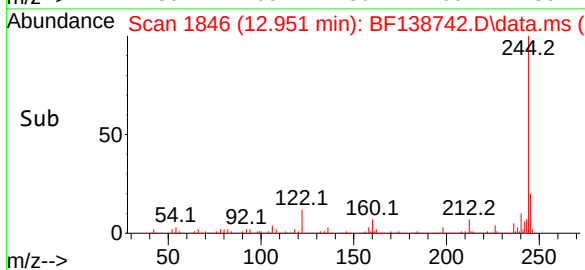
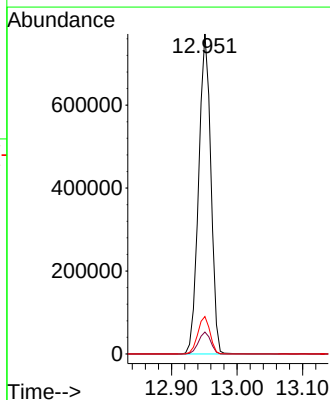
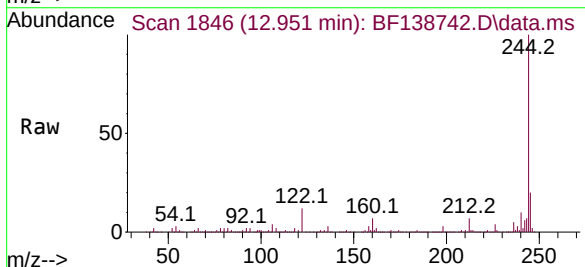
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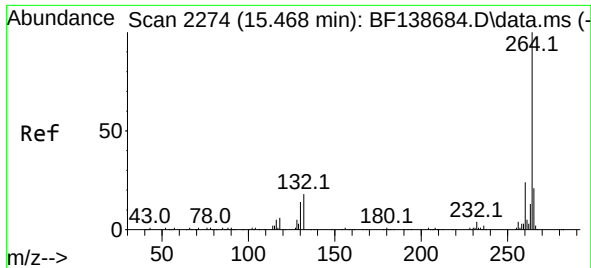
Tgt Ion:240 Resp: 174500
Ion Ratio Lower Upper
240 100
120 11.3 10.2 15.4
236 25.5 19.8 29.8



#79
Terphenyl-d14
Concen: 96.010 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138742.D
Acq: 02 Aug 2024 12:28

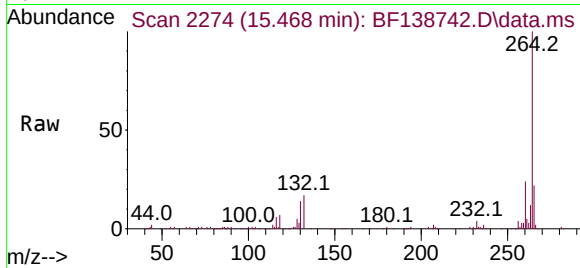
Tgt Ion:244 Resp: 1000662
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.7 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF138742.D
 Acq: 02 Aug 2024 12:28

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 139023
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.7 17.0 25.6

