

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072924\
 Data File : BF138671.D
 Acq On : 29 Jul 2024 16:11
 Operator : RC/JU
 Sample : P3393-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-852-GI-SO-9.5-10-072624

Quant Time: Jul 29 16:35:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	100902	20.000	ng	-0.02
21) Naphthalene-d8	8.128	136	387638	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	192030	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	264937	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	183739	20.000	ng	-0.01
86) Perylene-d12	15.486	264	137338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	759512	119.213	ng	-0.01
7) Phenol-d6	6.486	99	1027766	121.265	ng	-0.02
23) Nitrobenzene-d5	7.410	82	638981	80.932	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	170927	95.239	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1060367	86.302	ng	-0.02
79) Terphenyl-d14	12.963	244	772977	68.536	ng	-0.01

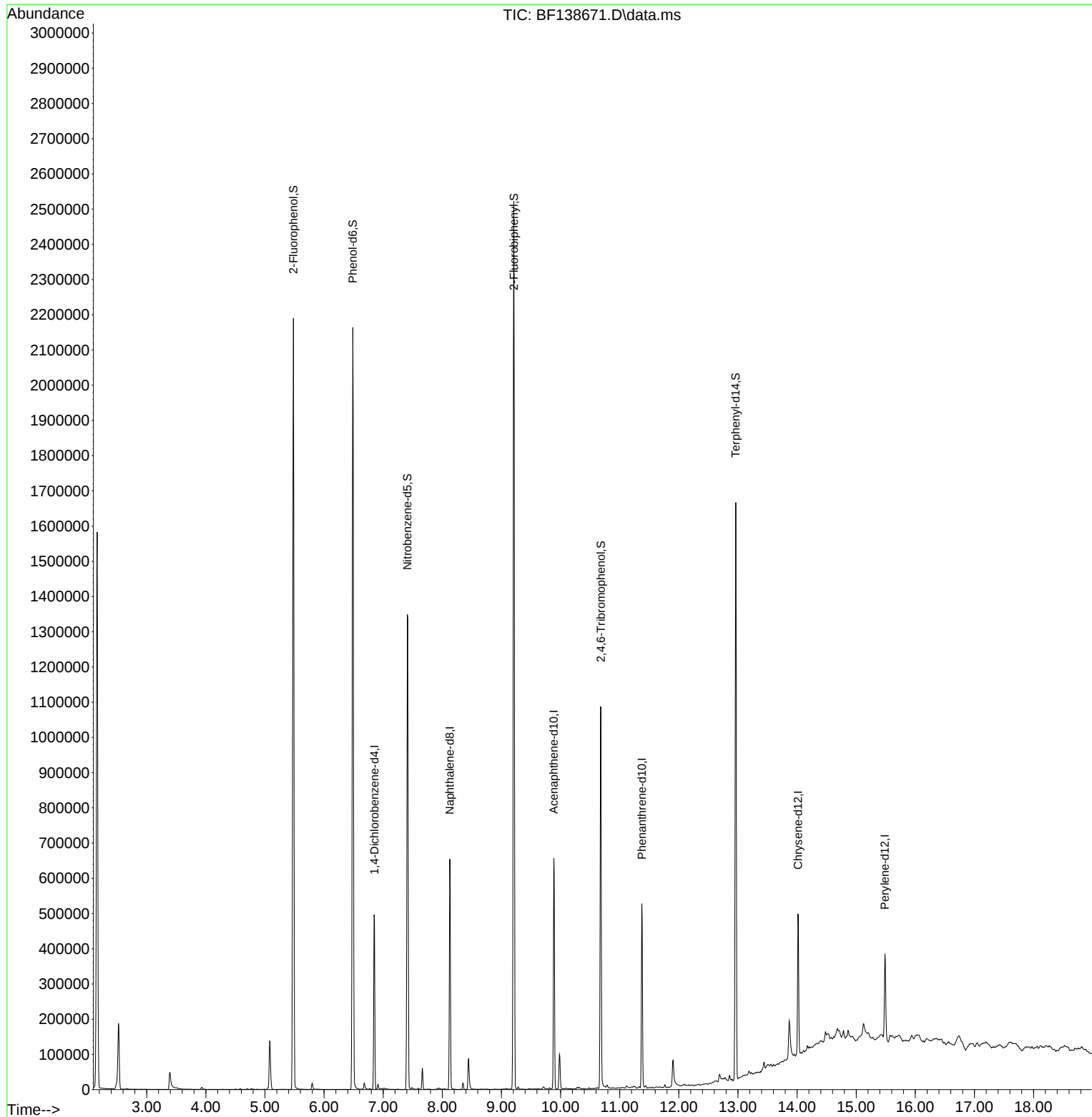
Target Compounds	Qvalue

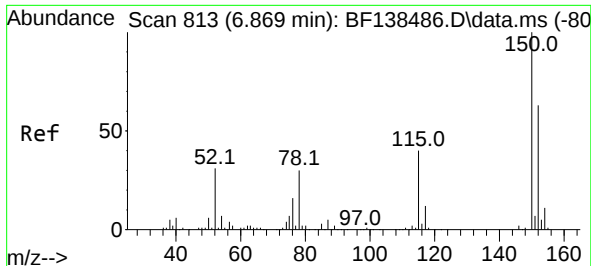
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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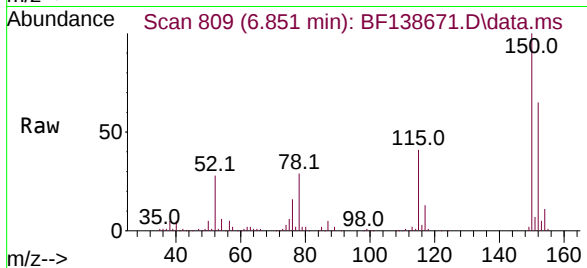
Quant Time: Jul 29 16:35:03 2024
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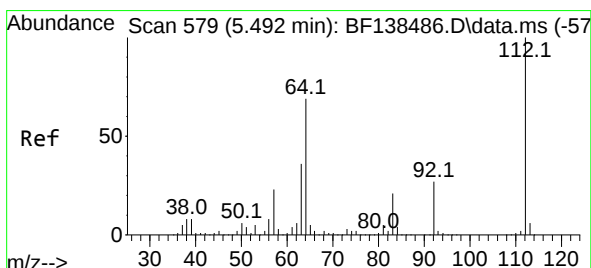
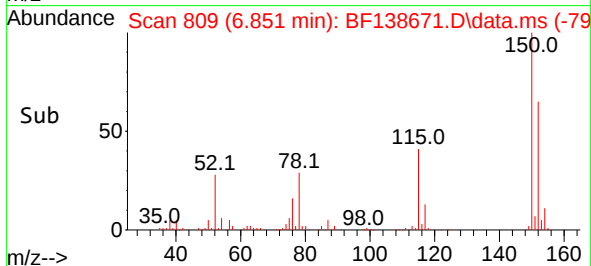
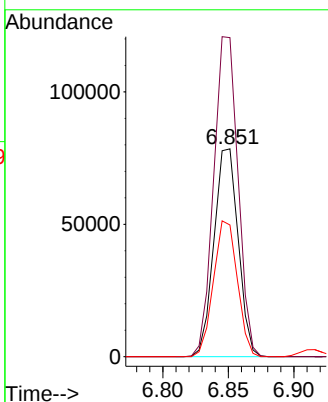


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624

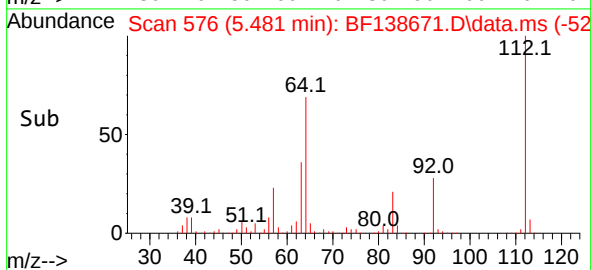
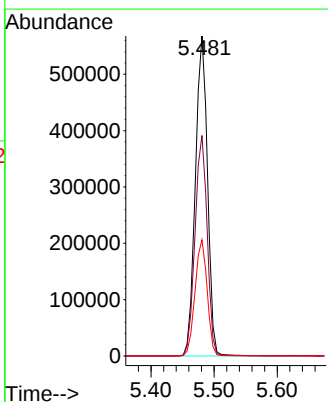
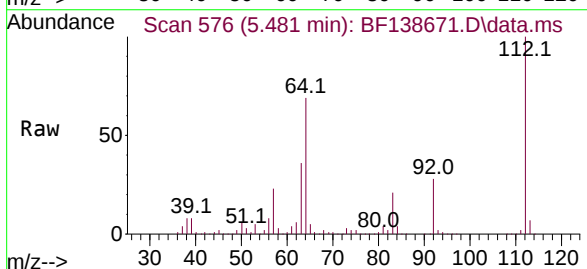


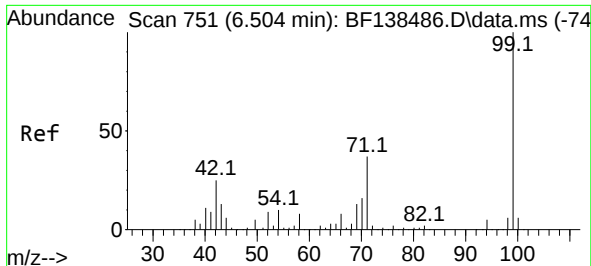
Tgt Ion:152 Resp: 100902
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.4
115 63.3 50.3 75.5



#5
2-Fluorophenol
Concen: 119.213 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Tgt Ion:112 Resp: 759512
Ion Ratio Lower Upper
112 100
64 68.9 55.1 82.7
63 36.3 29.0 43.6

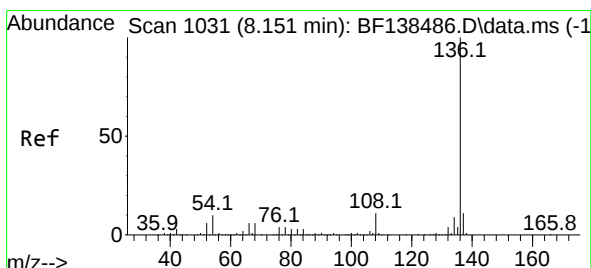
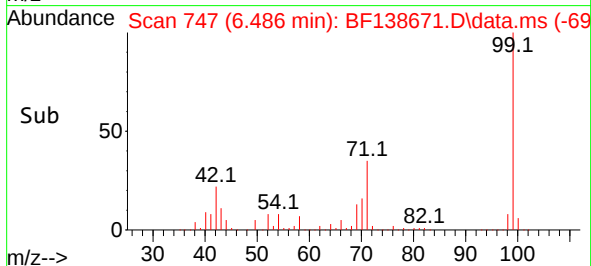
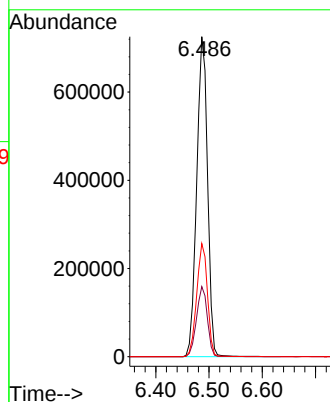
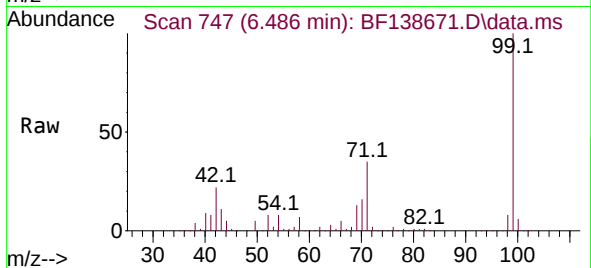




#7
Phenol-d6
Concen: 121.265 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

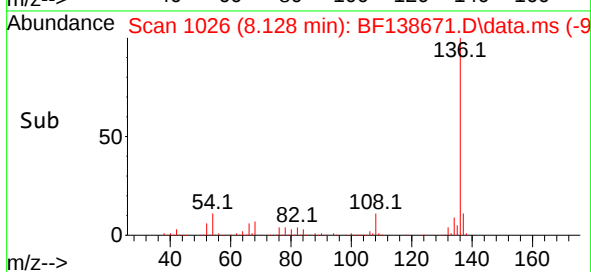
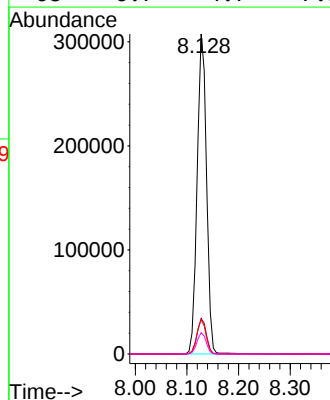
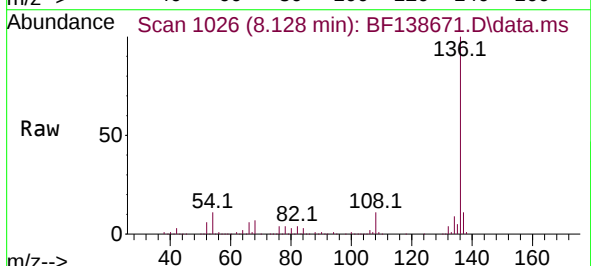
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624

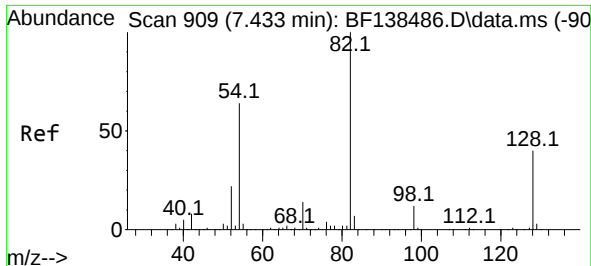
Tgt Ion: 99 Resp: 1027766
Ion Ratio Lower Upper
99 100
42 21.9 19.7 29.5
71 35.3 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.024 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Tgt Ion:136 Resp: 387638
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.8 8.1 12.1
68 6.7 4.7 7.1

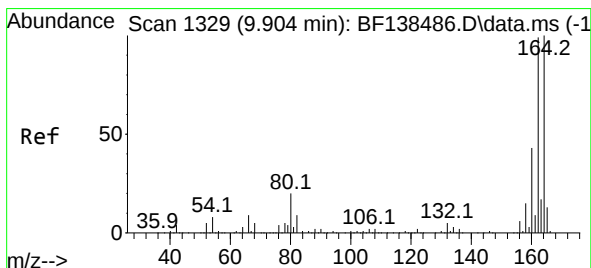
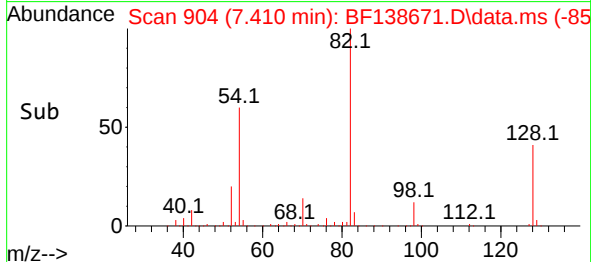
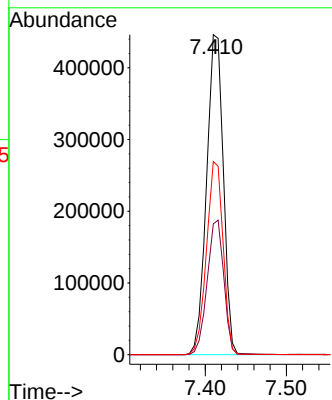
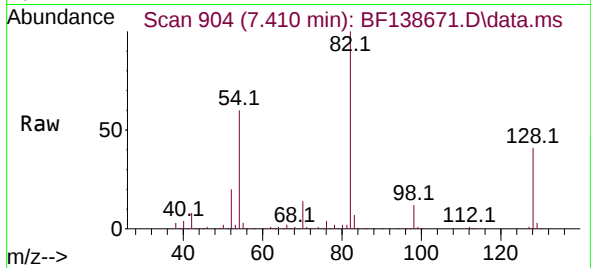




#23
Nitrobenzene-d5
Concen: 80.932 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.024 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

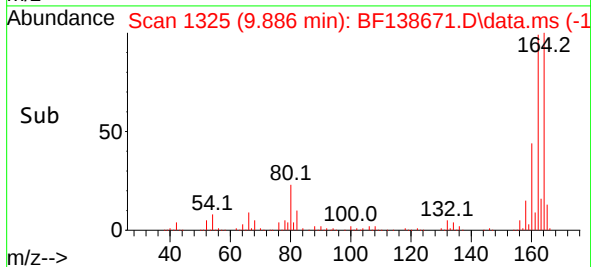
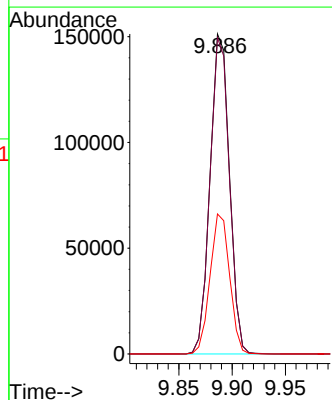
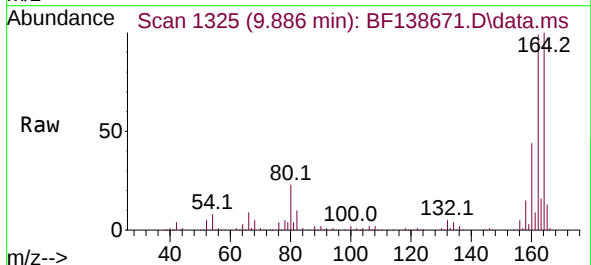
Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624

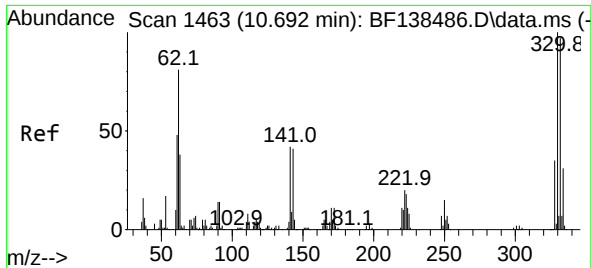
Tgt Ion: 82 Resp: 638981
Ion Ratio Lower Upper
82 100
128 40.9 32.3 48.5
54 60.4 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

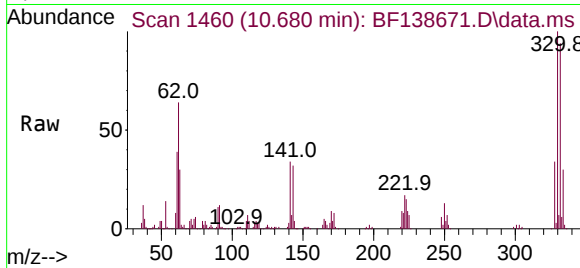
Tgt Ion: 164 Resp: 192030
Ion Ratio Lower Upper
164 100
162 98.8 79.0 118.6
160 43.7 34.4 51.6



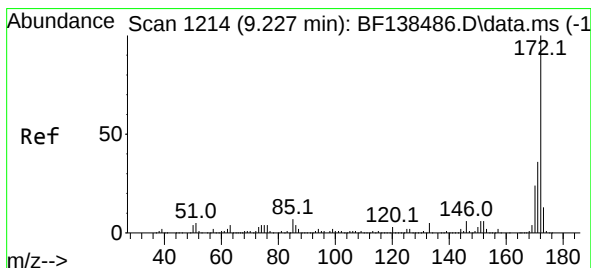
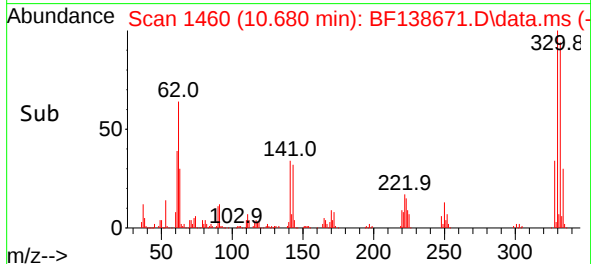
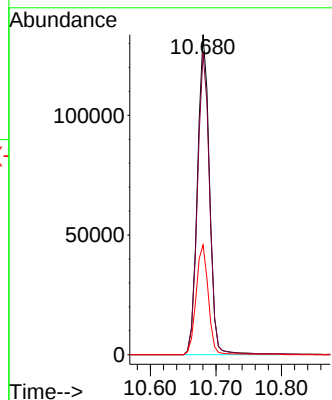


#42
2,4,6-Tribromophenol
Concen: 95.239 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Instrument :
BNA_F
ClientSampleId :
S-852-GI-SO-9.5-10-072624

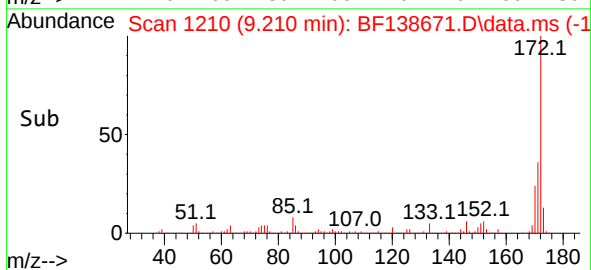
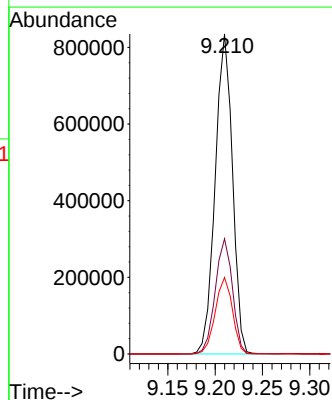
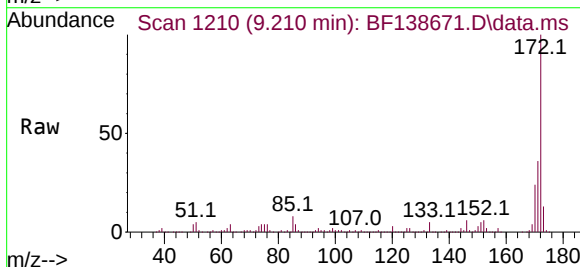


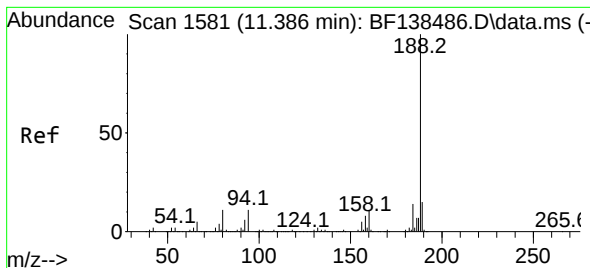
Tgt Ion:330 Resp: 170927
Ion Ratio Lower Upper
330 100
332 94.8 76.8 115.2
141 34.8 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 86.302 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138671.D
Acq: 29 Jul 2024 16:11

Tgt Ion:172 Resp: 1060367
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138671.D

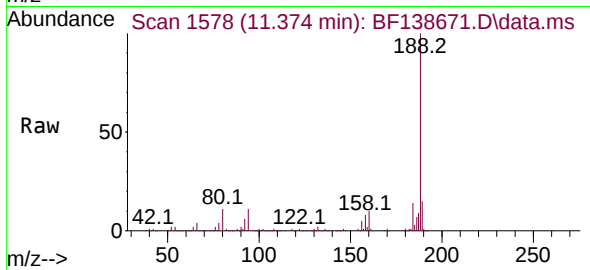
Acq: 29 Jul 2024 16:11

Instrument :

BNA_F

ClientSampleId :

S-852-GI-SO-9.5-10-072624



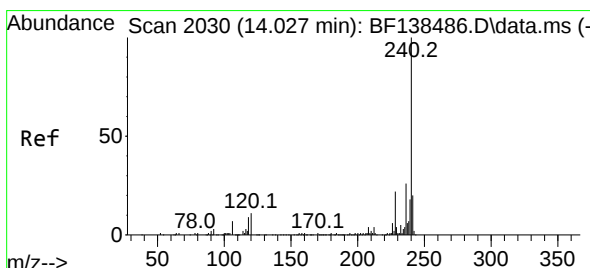
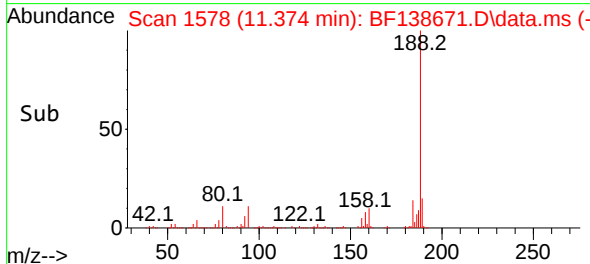
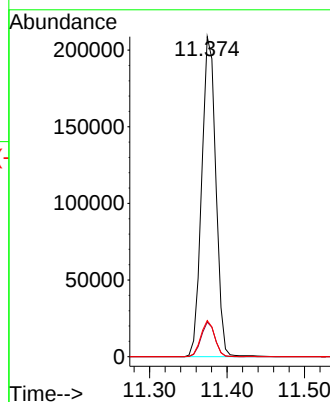
Tgt Ion:188 Resp: 264937

Ion Ratio Lower Upper

188 100

94 10.8 8.7 13.1

80 11.3 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.012 min

Lab File: BF138671.D

Acq: 29 Jul 2024 16:11

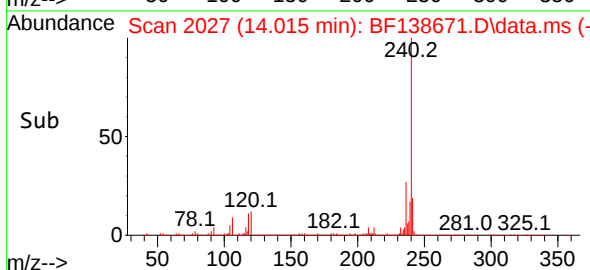
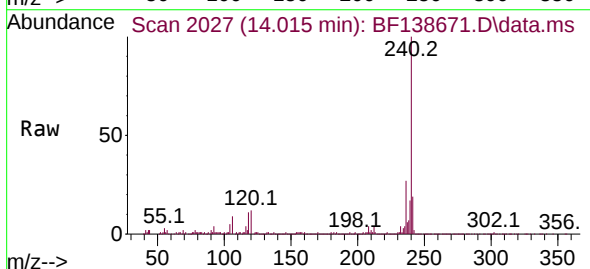
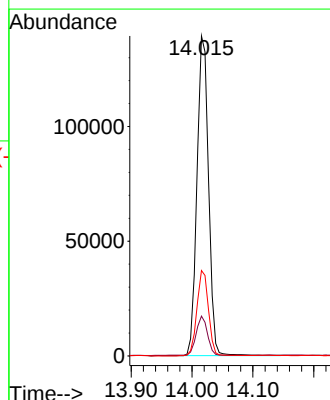
Tgt Ion:240 Resp: 183739

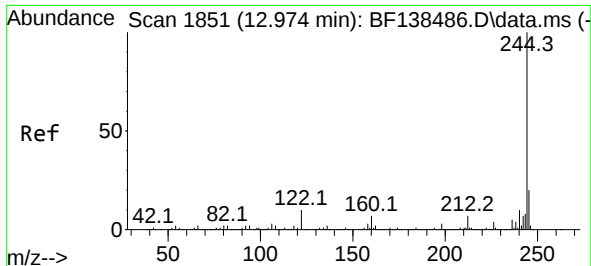
Ion Ratio Lower Upper

240 100

120 12.4 8.6 12.8

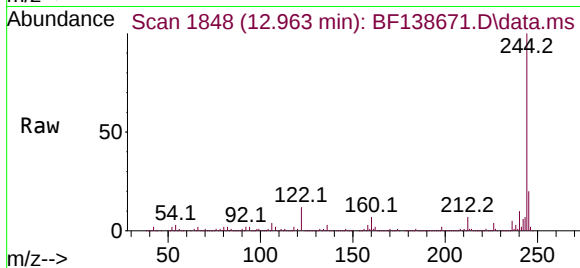
236 26.7 21.0 31.6



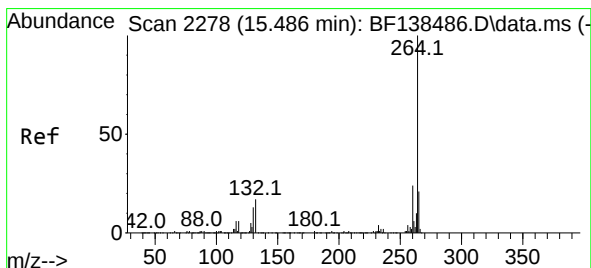
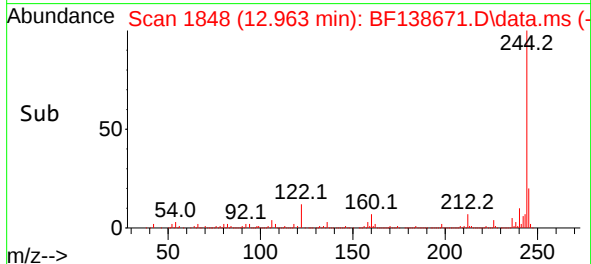
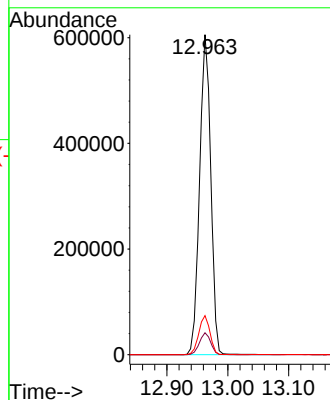


#79
 Terphenyl-d14
 Concen: 68.536 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.012 min
 Lab File: BF138671.D
 Acq: 29 Jul 2024 16:11

Instrument :
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 ClientSampleId :
 S-852-GI-SO-9.5-10-072624



Tgt Ion:244 Resp: 772977
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 12.2 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF138671.D
 Acq: 29 Jul 2024 16:11

Tgt Ion:264 Resp: 137338
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.8 17.0 25.4

