

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138552.D
 Acq On : 12 Jul 2024 18:05
 Operator : CG\JU
 Sample : P3207-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26899

Quant Time: Jul 12 23:12:38 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	6.863	152	69858	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	227570	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	97160	20.000	ng	0.01
64) Phenanthrene-d10	11.463	188	110202	20.000	ng	# 0.08
76) Chrysene-d12	14.063	240	152383	20.000	ng	# 0.04
86) Perylene-d12	15.504	264	119440	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	318561	72.221	ng	0.00
7) Phenol-d6	6.498	99	397972	67.823	ng	0.00
23) Nitrobenzene-d5	7.422	82	231151	49.870	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	59232	65.229	ng	0.03
45) 2-Fluorobiphenyl	9.222	172	250523	40.299	ng	0.00
79) Terphenyl-d14	13.027	244	244538	26.143	ng	0.05

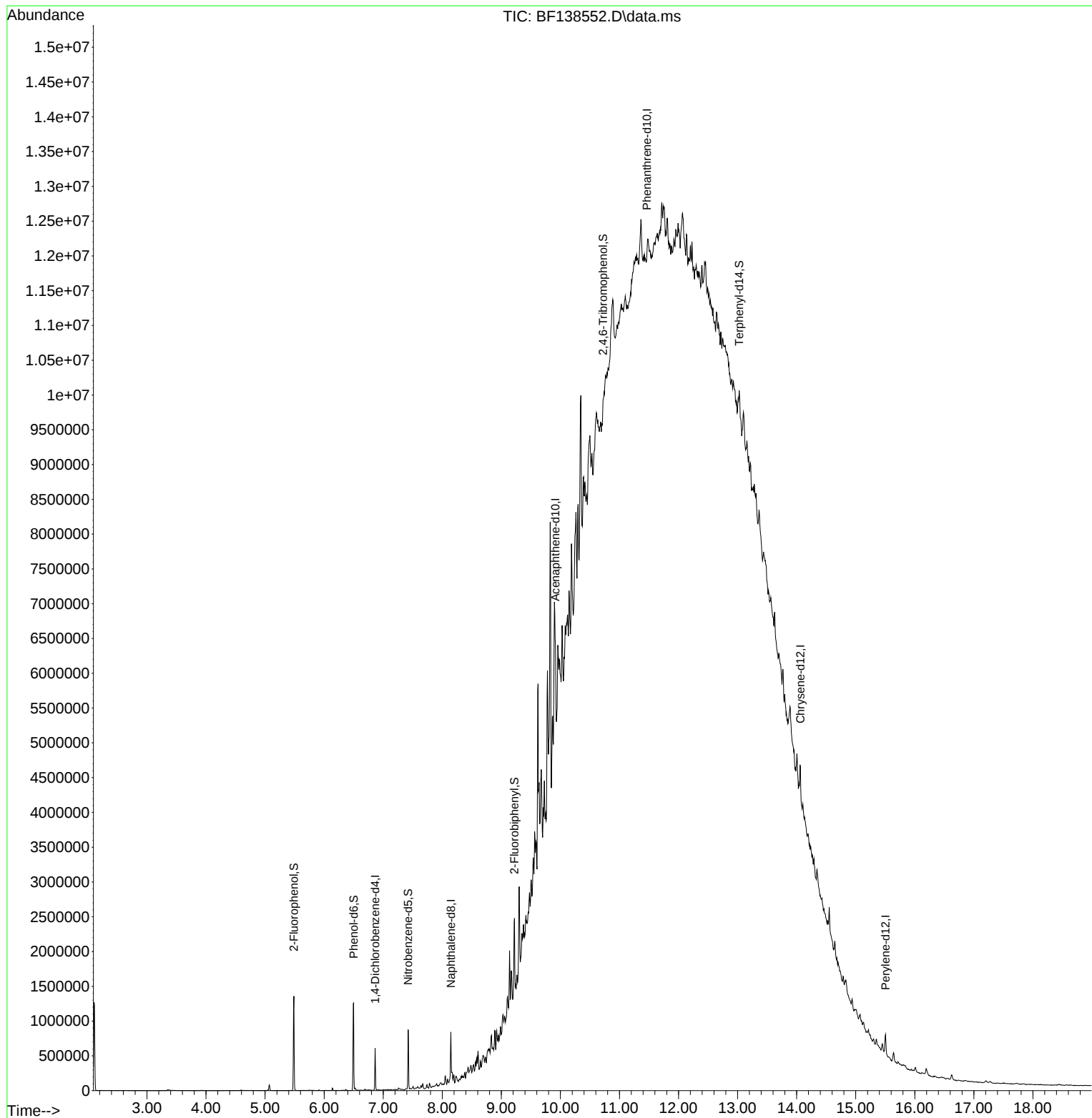
Target Compounds	Qvalue

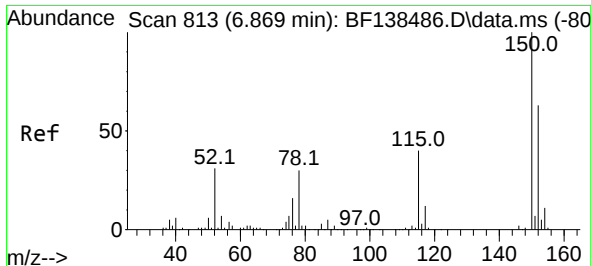
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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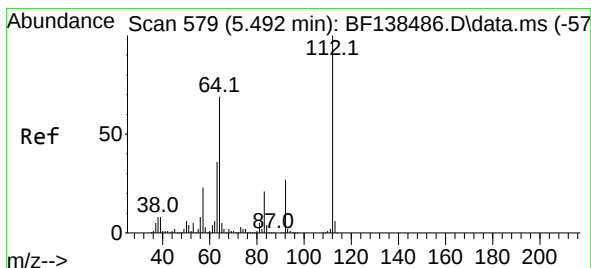
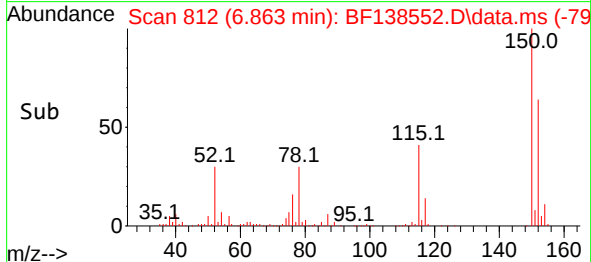
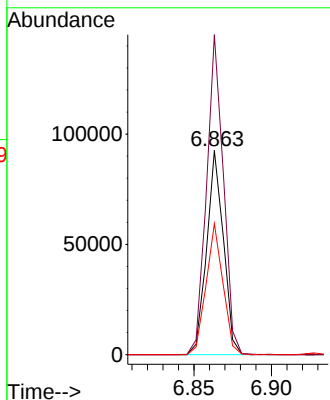
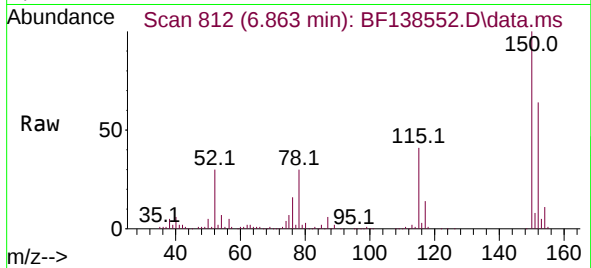




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138552.D
Acq: 12 Jul 2024 18:05

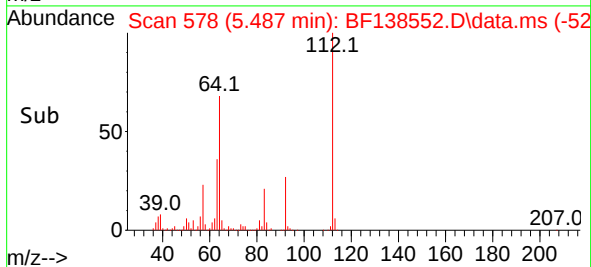
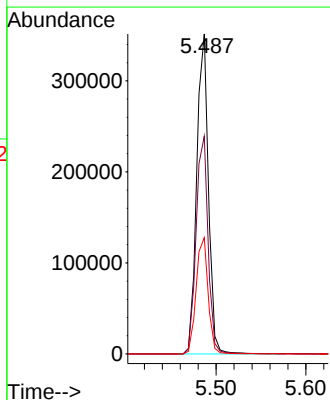
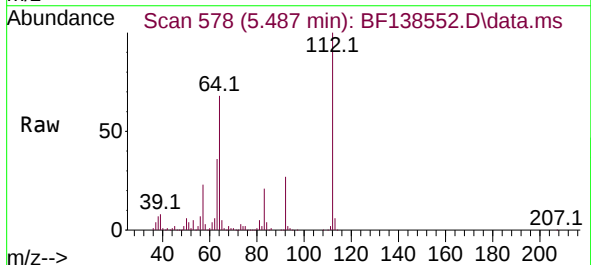
Instrument :
BNA_F
ClientSampleId :
CHRT-26899

Tgt Ion:152 Resp: 69858
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.4
115 64.1 50.3 75.5



#5
2-Fluorophenol
Concen: 72.221 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138552.D
Acq: 12 Jul 2024 18:05

Tgt Ion:112 Resp: 318561
Ion Ratio Lower Upper
112 100
64 68.0 55.1 82.7
63 36.4 29.0 43.6

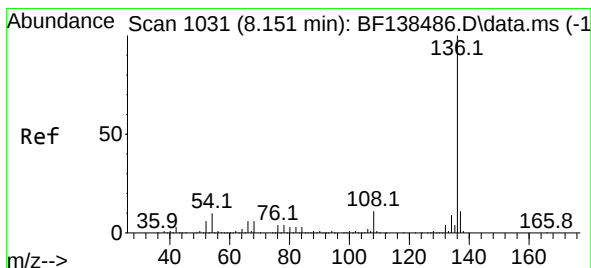
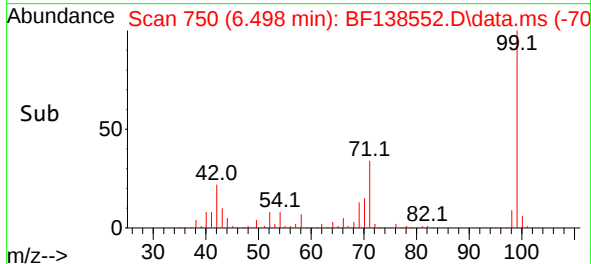
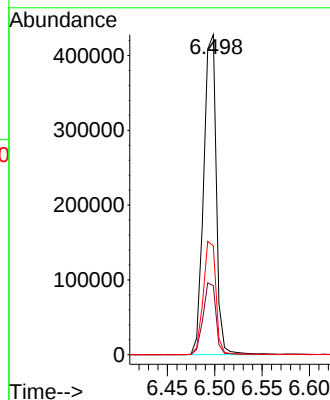
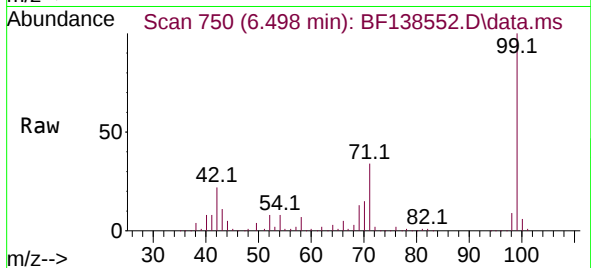




#7
Phenol-d6
Concen: 67.823 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138552.D
Acq: 12 Jul 2024 18:05

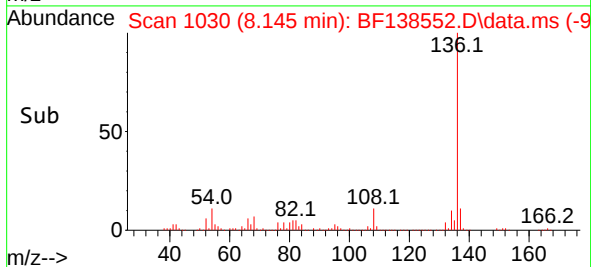
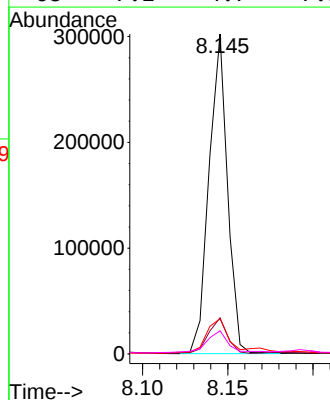
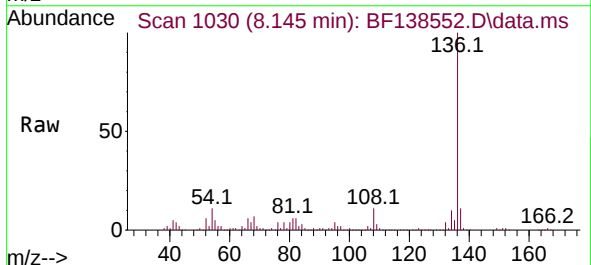
Instrument :
BNA_F
ClientSampleId :
CHRT-26899

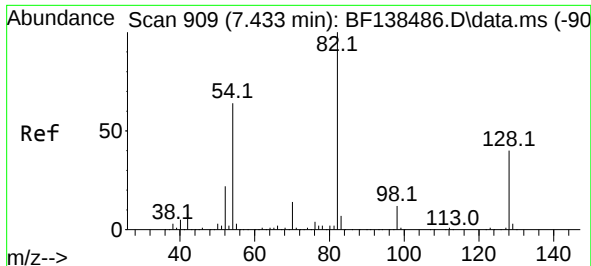
Tgt Ion: 99 Resp: 397972
Ion Ratio Lower Upper
99 100
42 21.6 19.7 29.5
71 34.0 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138552.D
Acq: 12 Jul 2024 18:05

Tgt Ion: 136 Resp: 227570
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 11.0 8.1 12.1
68 7.2 4.7 7.1#

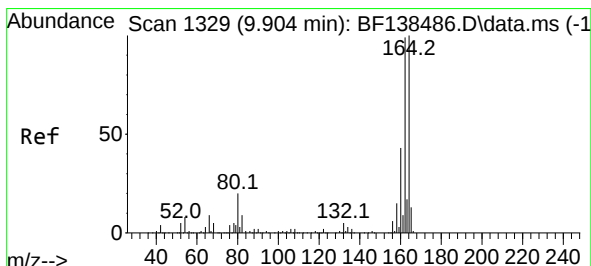
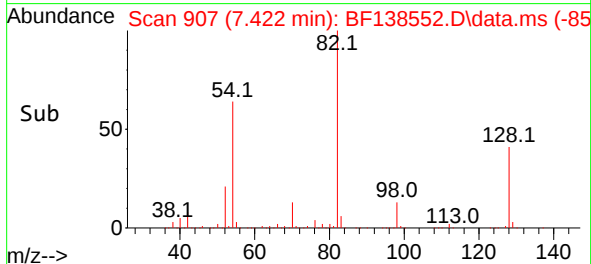
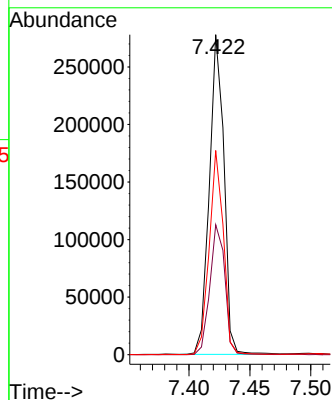
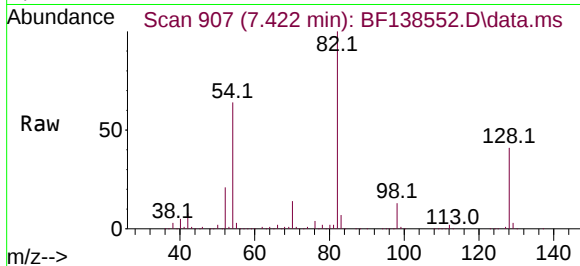




#23
Nitrobenzene-d5
Concen: 49.870 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138552.D
Acq: 12 Jul 2024 18:05

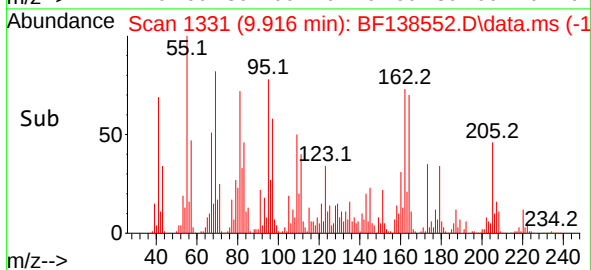
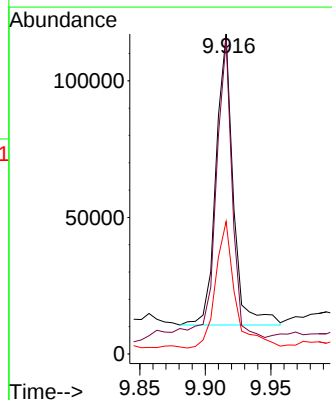
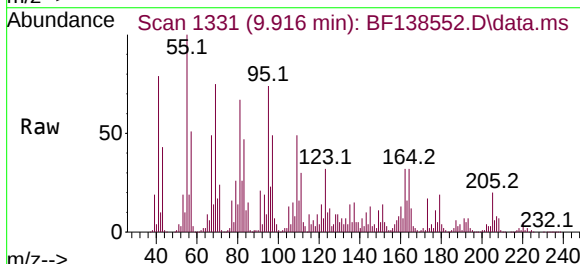
Instrument :
BNA_F
ClientSampleId :
CHRT-26899

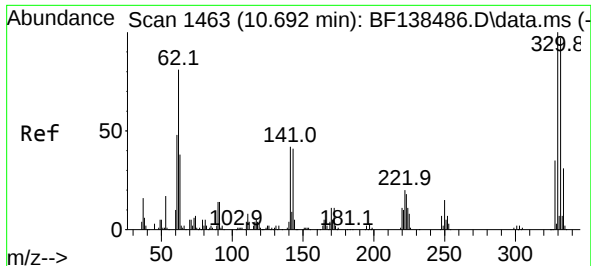
Tgt Ion: 82 Resp: 231151
Ion Ratio Lower Upper
82 100
128 40.6 32.3 48.5
54 63.8 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF138552.D
Acq: 12 Jul 2024 18:05

Tgt Ion: 164 Resp: 97160
Ion Ratio Lower Upper
164 100
162 98.1 79.0 118.6
160 41.4 34.4 51.6

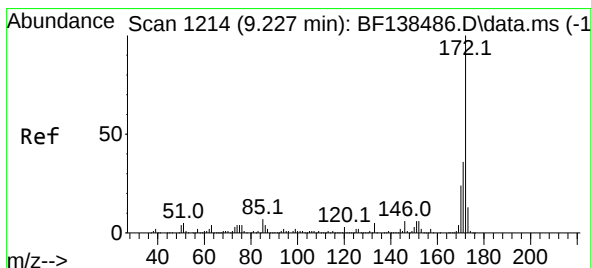
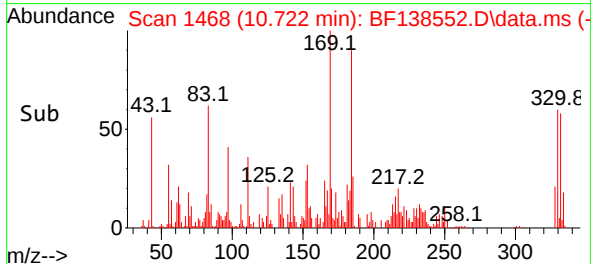
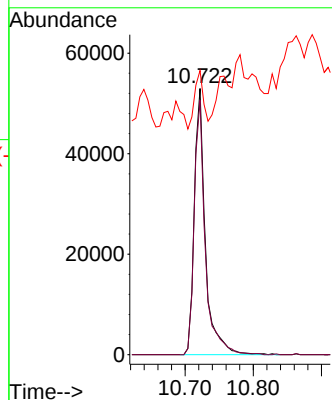
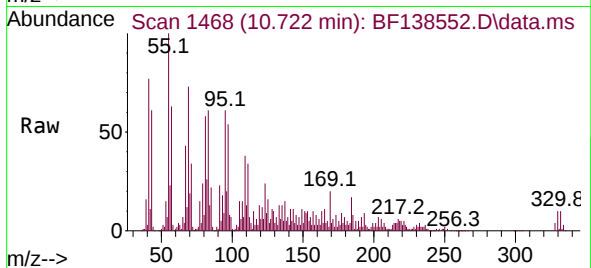




#42
2,4,6-Tribromophenol
Concen: 65.229 ng
RT: 10.722 min Scan# 1463
Delta R.T. 0.030 min
Lab File: BF138552.D
Acq: 12 Jul 2024 18:05

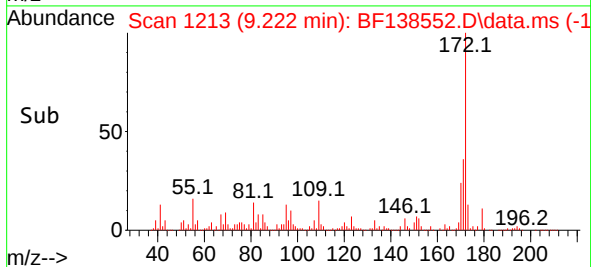
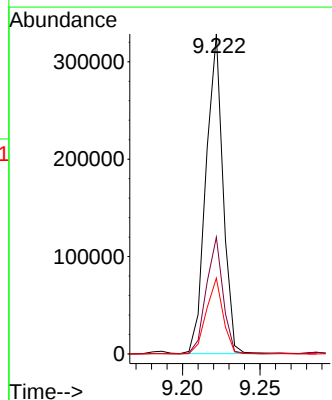
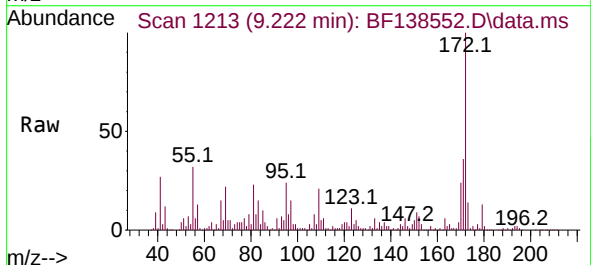
Instrument :
BNA_F
ClientSampleId :
CHRT-26899

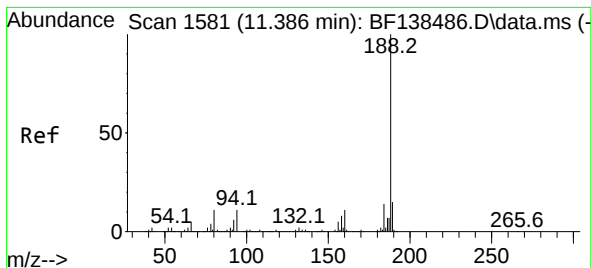
Tgt Ion:330 Resp: 59232
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 17.4 29.4 44.2#



#45
2-Fluorobiphenyl
Concen: 40.299 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138552.D
Acq: 12 Jul 2024 18:05

Tgt Ion:172 Resp: 250523
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.463 min Scan# 1

Delta R.T. 0.077 min

Lab File: BF138552.D

Acq: 12 Jul 2024 18:05

Instrument :

BNA_F

ClientSampleId :

CHRT-26899

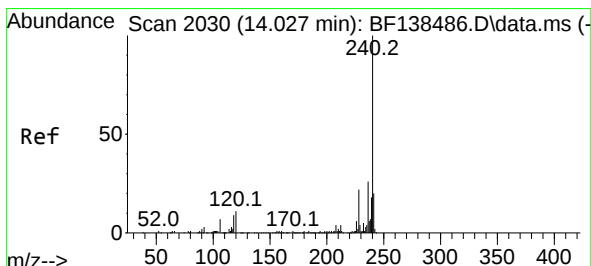
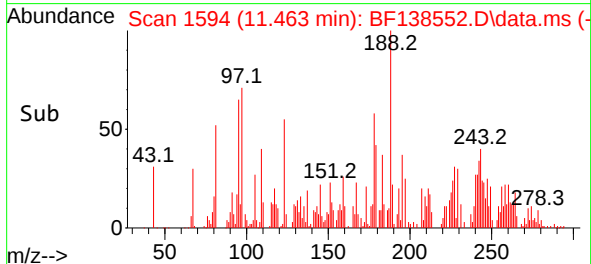
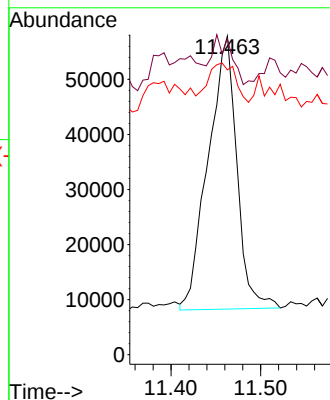
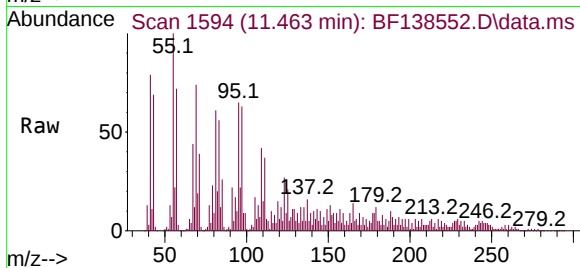
Tgt Ion:188 Resp: 110202

Ion Ratio Lower Upper

188 100

94 99.1 8.7 13.1#

80 89.3 9.0 13.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.036 min

Lab File: BF138552.D

Acq: 12 Jul 2024 18:05

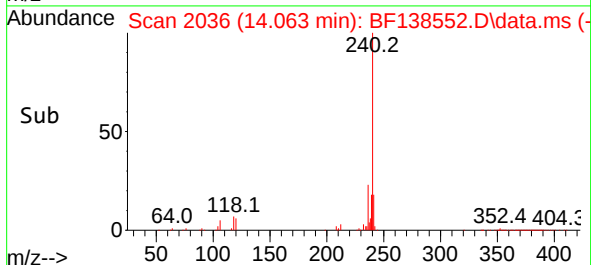
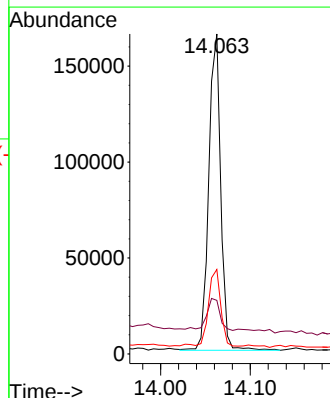
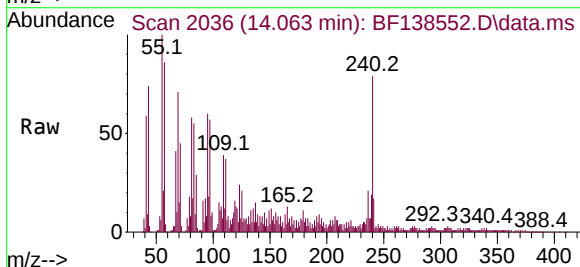
Tgt Ion:240 Resp: 152383

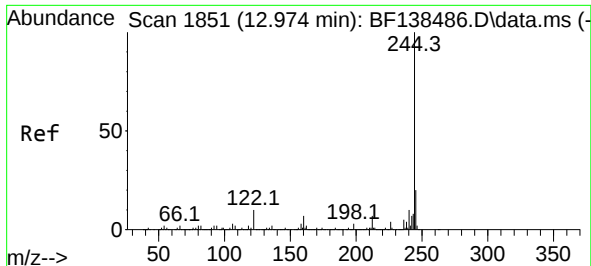
Ion Ratio Lower Upper

240 100

120 16.8 8.6 12.8#

236 26.4 21.0 31.6

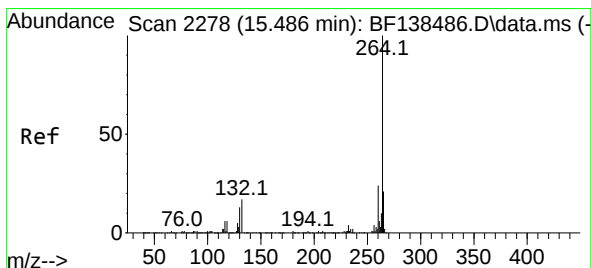
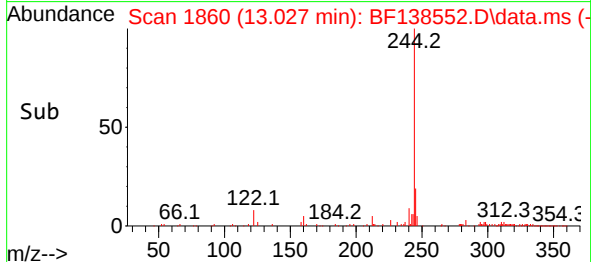
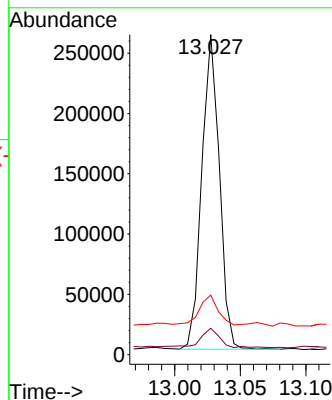
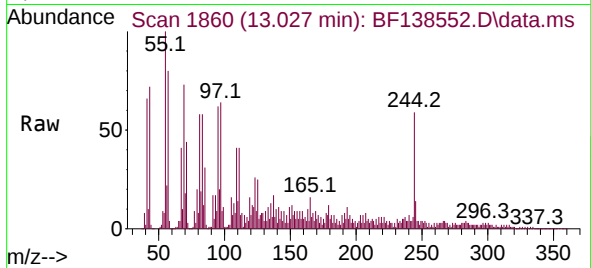




#79
Terphenyl-d14
Concen: 26.143 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.053 min
Lab File: BF138552.D
Acq: 12 Jul 2024 18:05

Instrument :
BNA_F
ClientSampleId :
CHRT-26899

Tgt Ion:244 Resp: 244538
Ion Ratio Lower Upper
244 100
212 8.2 5.5 8.3
122 18.6 7.8 11.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.018 min
Lab File: BF138552.D
Acq: 12 Jul 2024 18:05

Tgt Ion:264 Resp: 119440
Ion Ratio Lower Upper
264 100
260 22.0 19.0 28.6
265 22.1 17.0 25.4

