

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138595.D
 Acq On : 19 Jul 2024 18:01
 Operator : RC/JU
 Sample : P3294-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724

Quant Time: Jul 19 18:38:02 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	6.857	152	75017	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	300113	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	152416	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	224141	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	148002	20.000	ng	-0.02
86) Perylene-d12	15.474	264	145852	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	528661	111.611	ng	0.00
7) Phenol-d6	6.493	99	728162	115.560	ng	-0.01
23) Nitrobenzene-d5	7.422	82	462847	75.721	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	142536	100.062	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	764391	78.382	ng	-0.01
79) Terphenyl-d14	12.963	244	615204	67.718	ng	-0.01

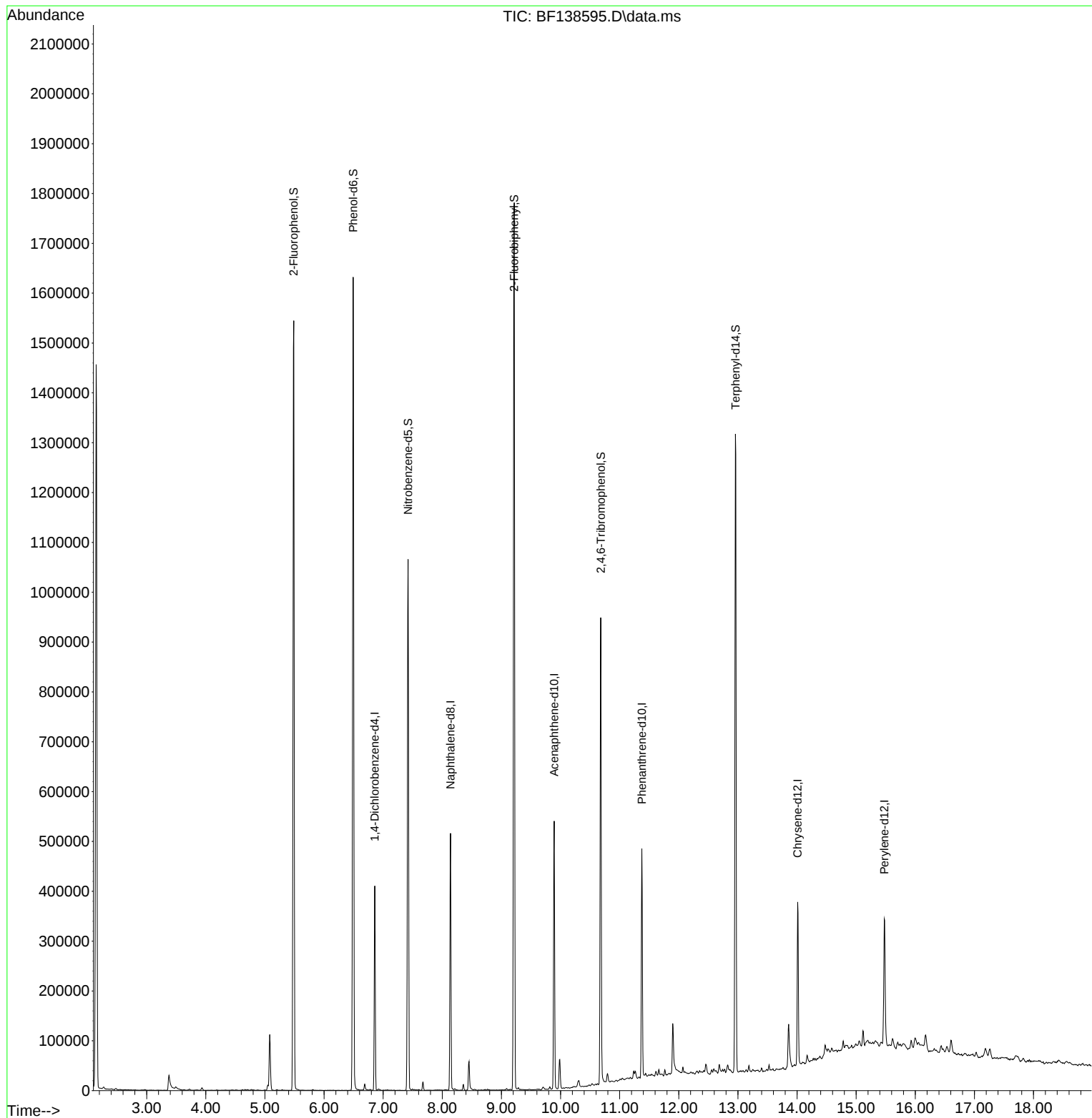
Target Compounds	Qvalue

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

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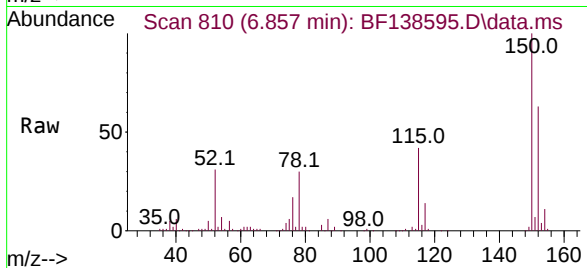
Quant Time: Jul 19 18:38:02 2024
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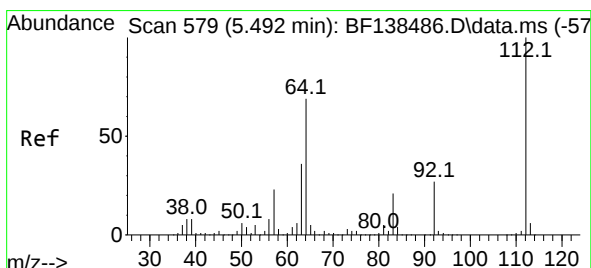
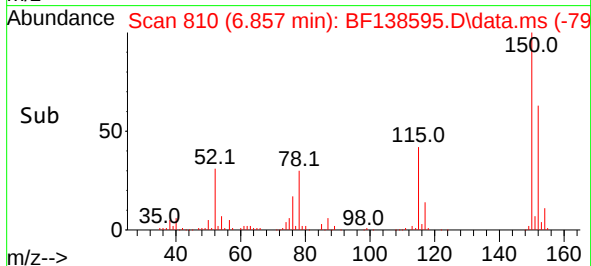
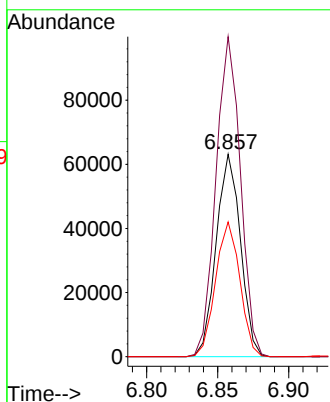


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

Instrument :
BNA_F
ClientSampleId :
HR-1-071724

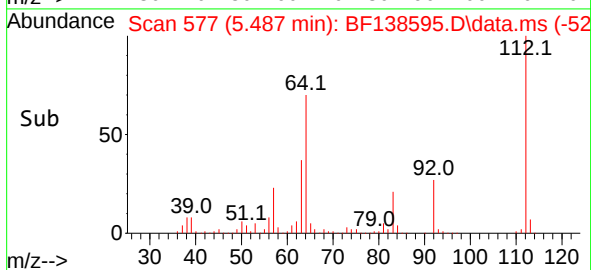
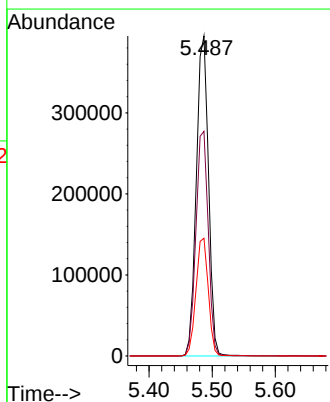
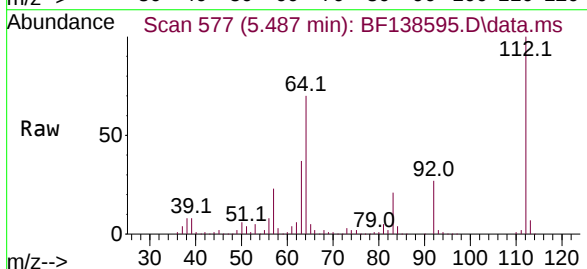


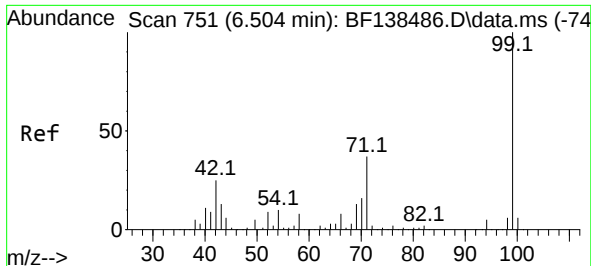
Tgt Ion:152 Resp: 75017
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.4
115 66.6 50.3 75.5



#5
2-Fluorophenol
Concen: 111.611 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

Tgt Ion:112 Resp: 528661
Ion Ratio Lower Upper
112 100
64 70.2 55.1 82.7
63 36.8 29.0 43.6

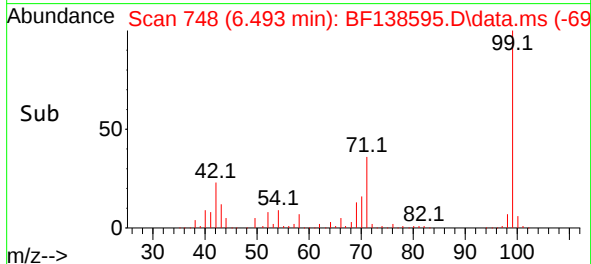
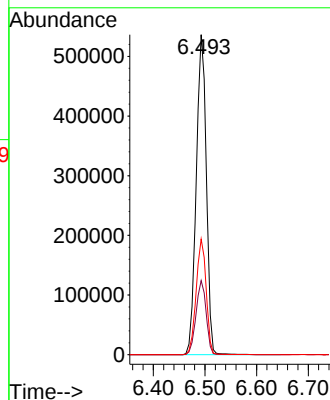
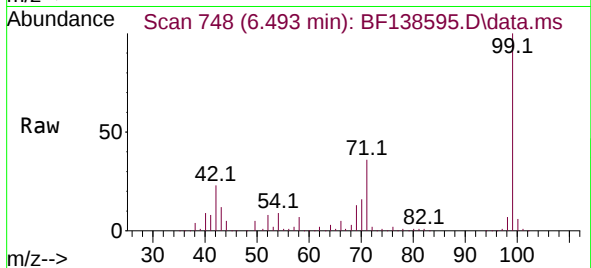




#7
Phenol-d6
Concen: 115.560 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

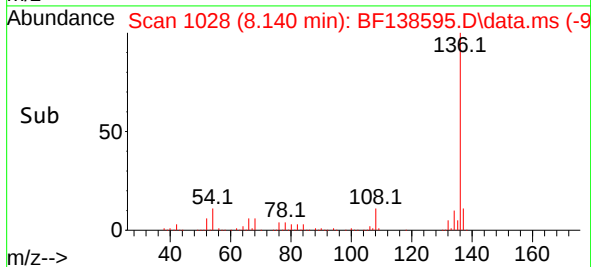
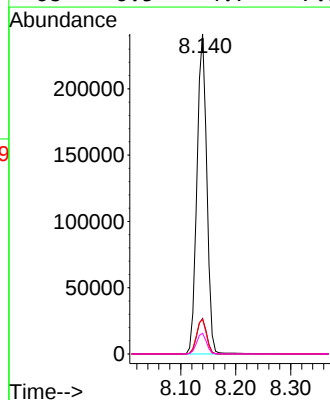
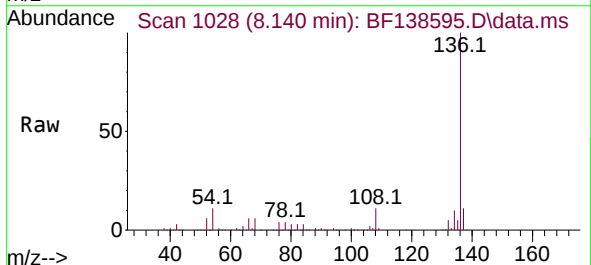
Instrument :
BNA_F
ClientSampleId :
HR-1-071724

Tgt Ion: 99 Resp: 728162
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 36.1 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

Tgt Ion: 136 Resp: 300113
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.8 8.1 12.1
68 6.5 4.7 7.1

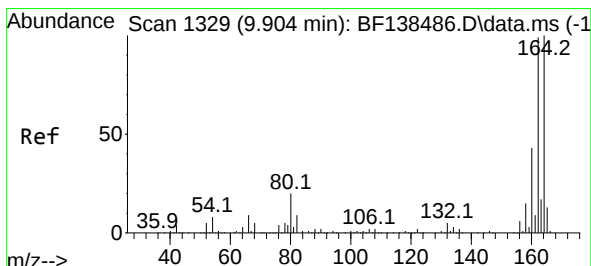
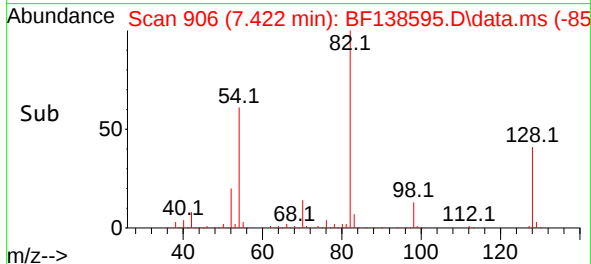
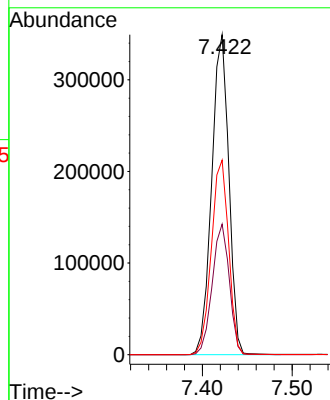
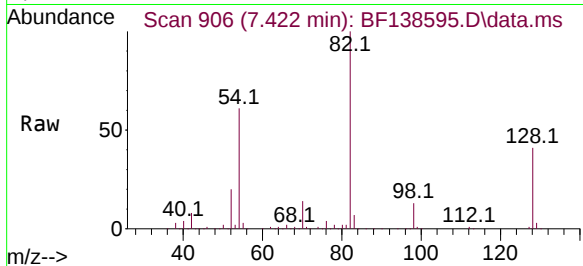




#23
Nitrobenzene-d5
Concen: 75.721 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

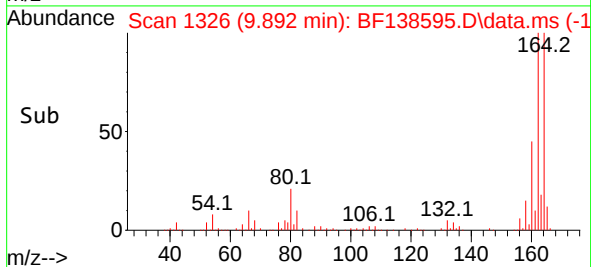
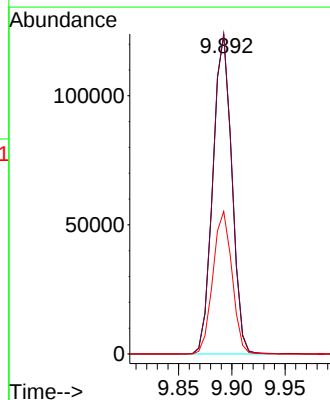
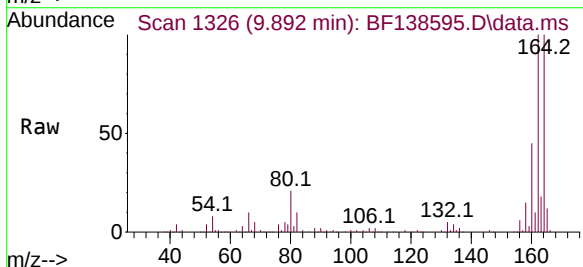
Instrument :
BNA_F
ClientSampleId :
HR-1-071724

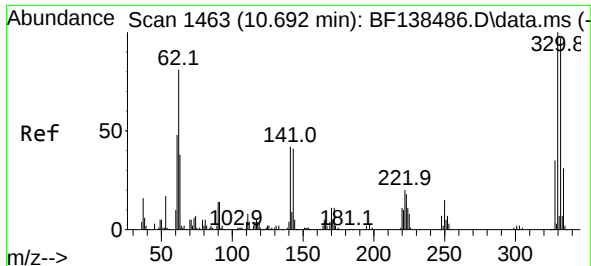
Tgt Ion: 82 Resp: 462847
Ion Ratio Lower Upper
82 100
128 40.8 32.3 48.5
54 60.8 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

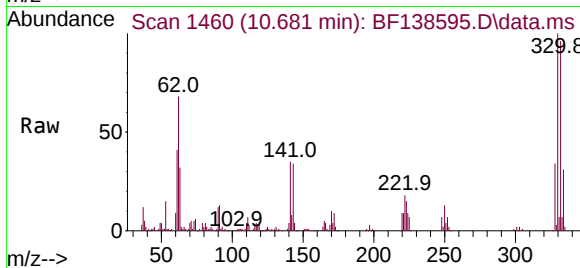
Tgt Ion:164 Resp: 152416
Ion Ratio Lower Upper
164 100
162 100.3 79.0 118.6
160 44.7 34.4 51.6



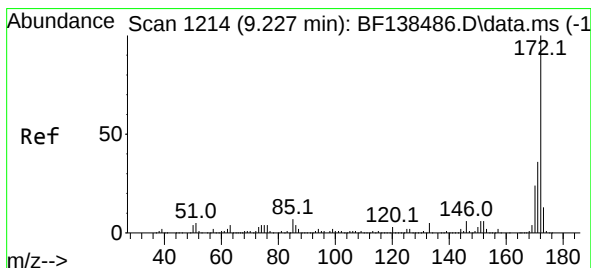
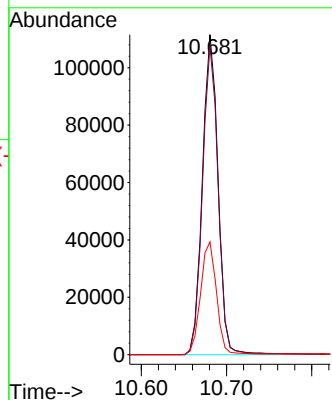
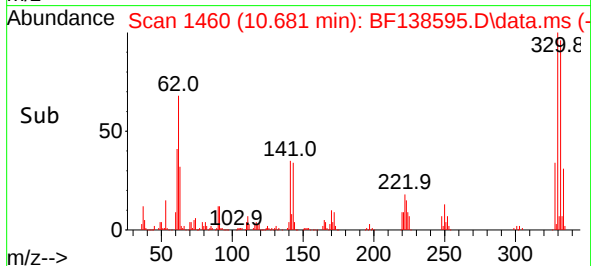


#42
2,4,6-Tribromophenol
Concen: 100.062 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.011 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01

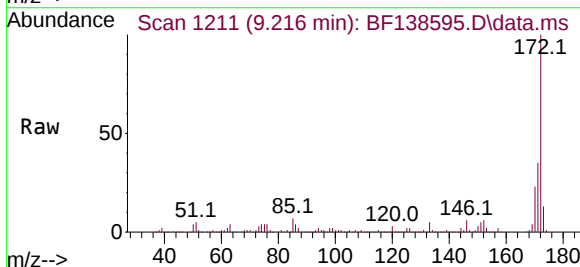
Instrument :
BNA_F
ClientSampleId :
HR-1-071724



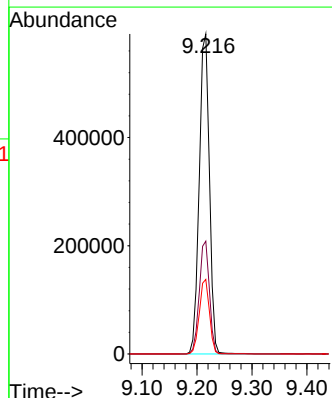
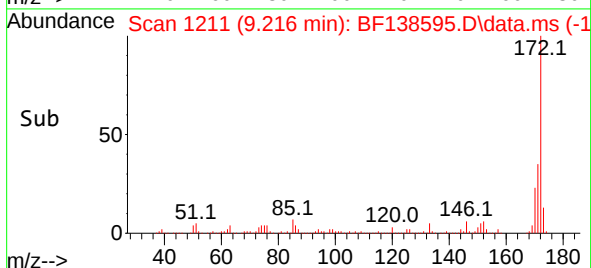
Tgt Ion:330 Resp: 142536
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 36.0 29.4 44.2

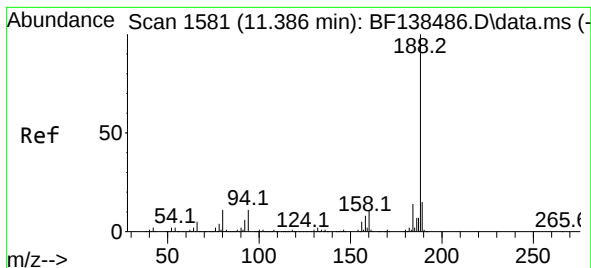


#45
2-Fluorobiphenyl
Concen: 78.382 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF138595.D
Acq: 19 Jul 2024 18:01



Tgt Ion:172 Resp: 764391
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138595.D

Acq: 19 Jul 2024 18:01

Instrument :

BNA_F

ClientSampleId :

HR-1-071724

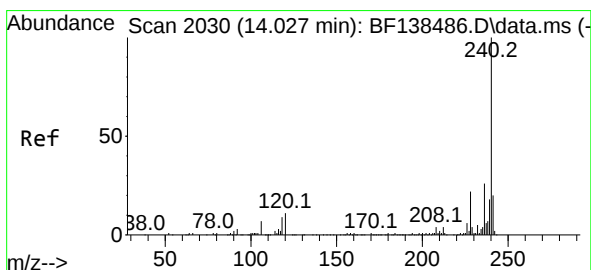
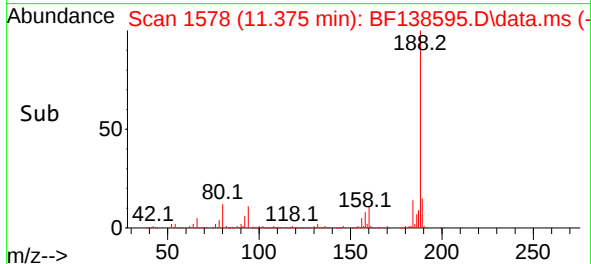
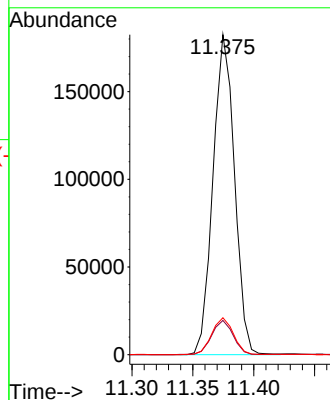
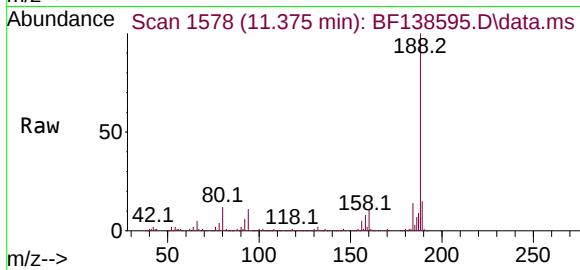
Tgt Ion:188 Resp: 224141

Ion Ratio Lower Upper

188 100

94 10.7 8.7 13.1

80 11.6 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.017 min

Lab File: BF138595.D

Acq: 19 Jul 2024 18:01

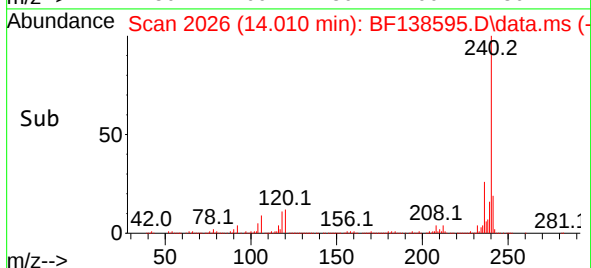
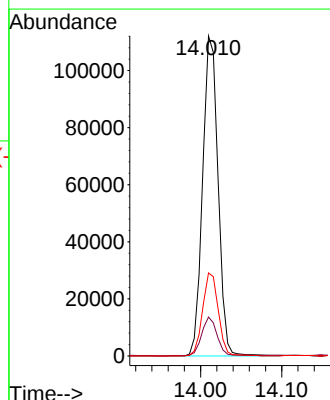
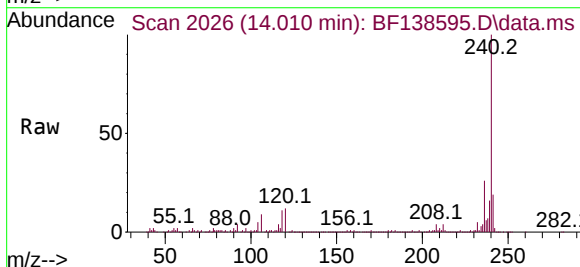
Tgt Ion:240 Resp: 148002

Ion Ratio Lower Upper

240 100

120 12.2 8.6 12.8

236 25.9 21.0 31.6

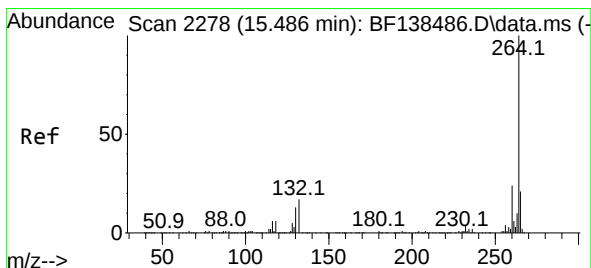
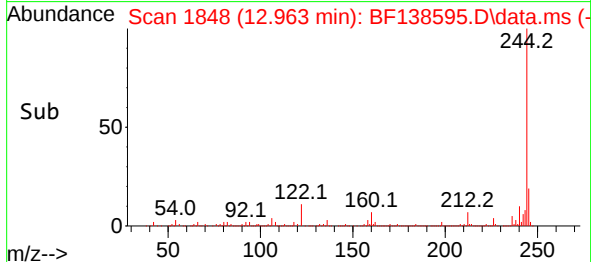
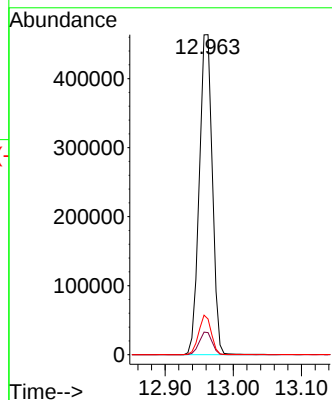
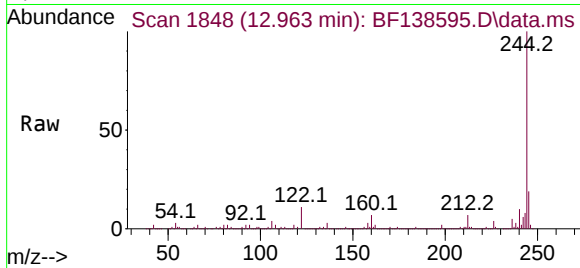




#79
 Terphenyl-d14
 Concen: 67.718 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF138595.D
 Acq: 19 Jul 2024 18:01

Instrument :
 BNA_F
 ClientSampleId :
 HR-1-071724

Tgt Ion:244 Resp: 615204
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF138595.D
 Acq: 19 Jul 2024 18:01

Tgt Ion:264 Resp: 145852
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.8 17.0 25.4

