

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138514.D
 Acq On : 10 Jul 2024 21:51
 Operator : CG\JU
 Sample : P3182-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SG-1

Quant Time: Jul 11 00:54:00 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	88541	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	351894	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	190132	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	296968	20.000	ng	0.00
76) Chrysene-d12	14.016	240	169138	20.000	ng	-0.01
86) Perylene-d12	15.480	264	180212	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	443800	79.384	ng	0.00
7) Phenol-d6	6.498	99	604347	81.261	ng	0.00
23) Nitrobenzene-d5	7.422	82	404106	56.383	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	128856	72.514	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	732021	60.173	ng	-0.01
79) Terphenyl-d14	12.963	244	591589	56.981	ng	-0.01

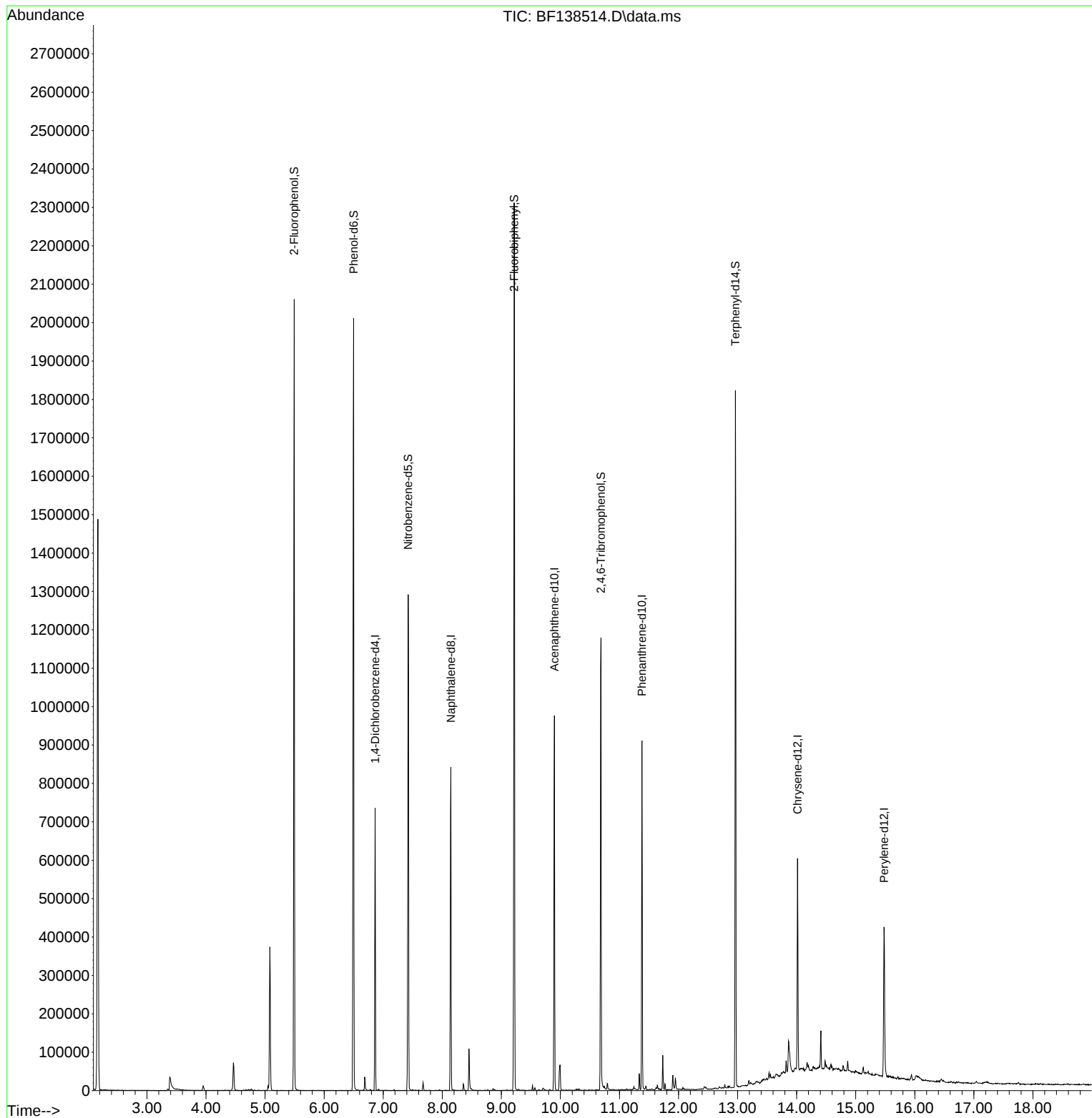
Target Compounds	Qvalue

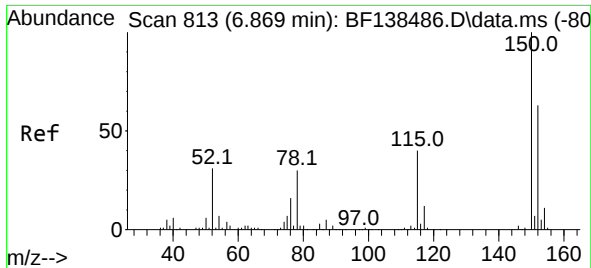
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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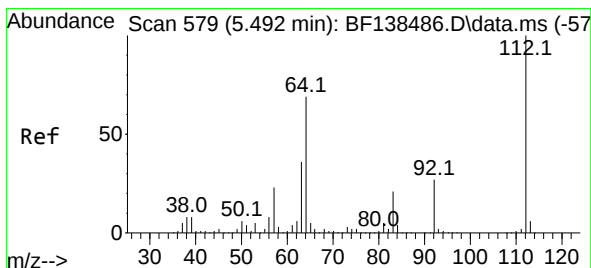
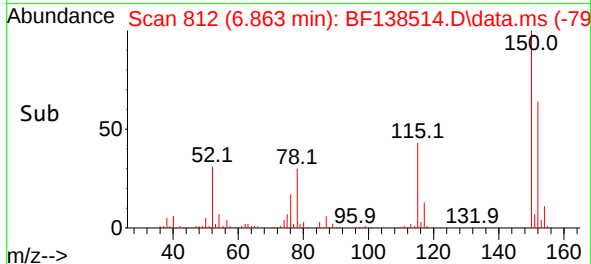
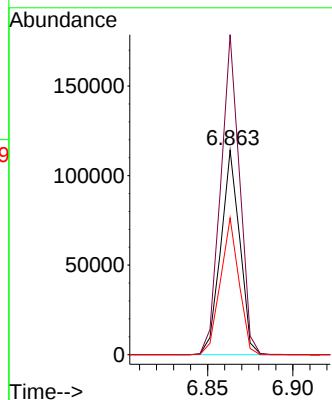
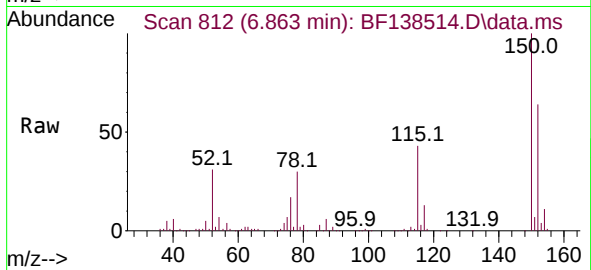




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

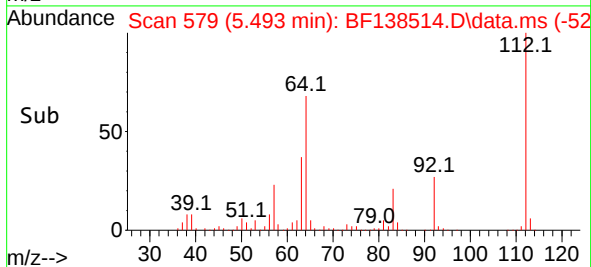
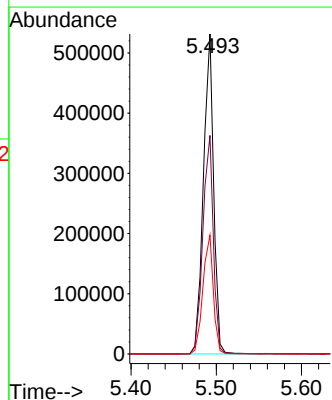
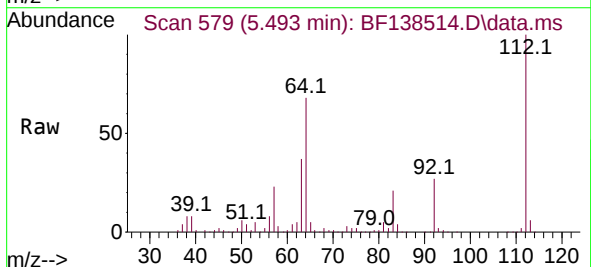
Instrument :
BNA_F
ClientSampleId :
SG-1

Tgt Ion:152 Resp: 88541
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.4
115 66.9 50.3 75.5



#5
2-Fluorophenol
Concen: 79.384 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

Tgt Ion:112 Resp: 443800
Ion Ratio Lower Upper
112 100
64 68.3 55.1 82.7
63 37.1 29.0 43.6

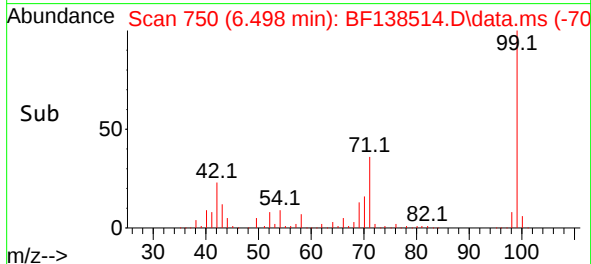
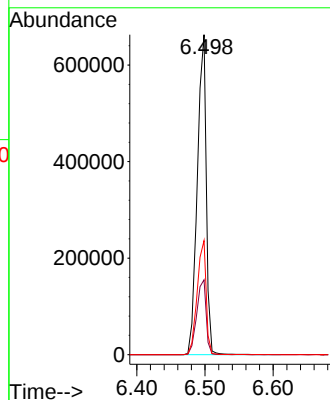
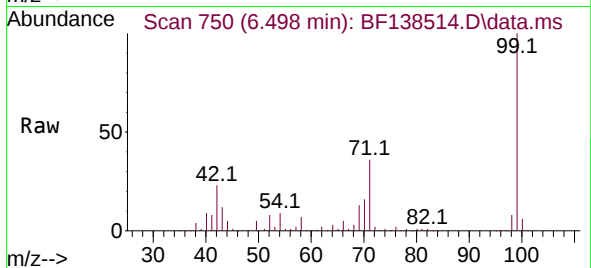




#7
Phenol-d6
Concen: 81.261 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

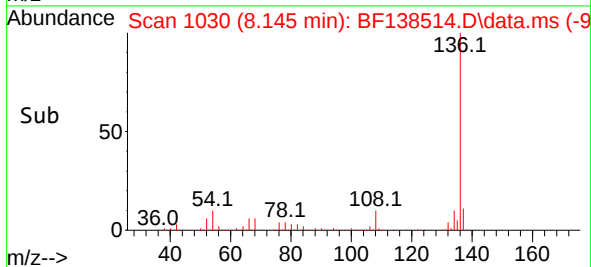
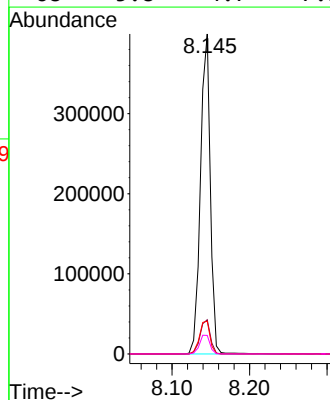
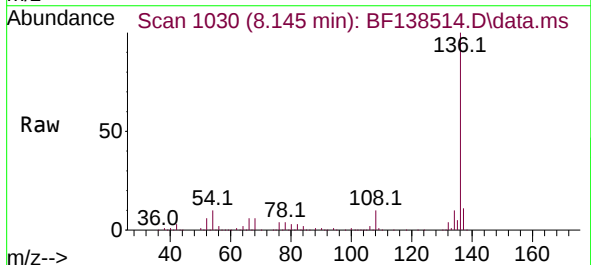
Instrument :
BNA_F
ClientSampleId :
SG-1

Tgt Ion: 99 Resp: 604347
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 35.7 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: BF138514.D
Acq: 10 Jul 2024 21:51

Tgt Ion: 136 Resp: 351894
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.2 8.1 12.1
68 5.8 4.7 7.1

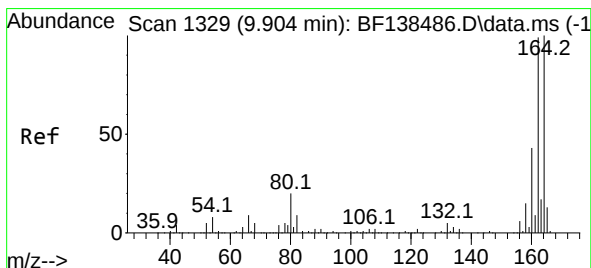
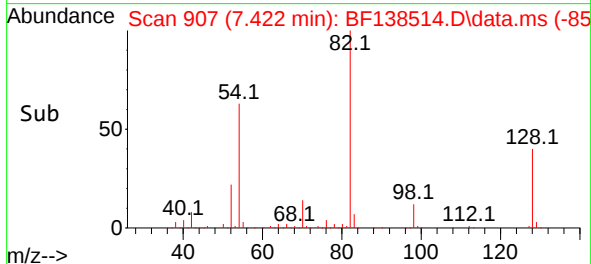
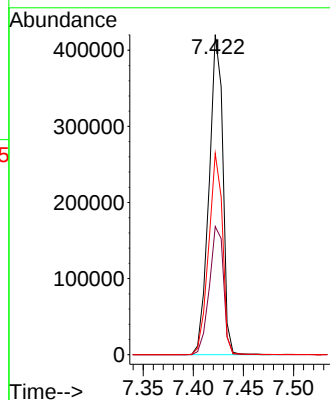
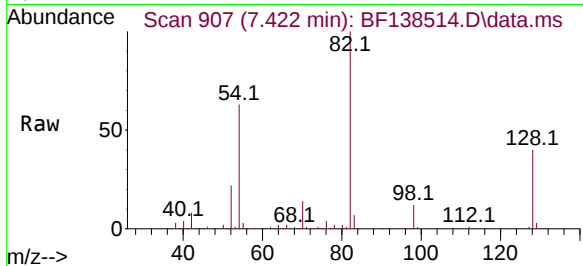




#23
Nitrobenzene-d5
Concen: 56.383 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

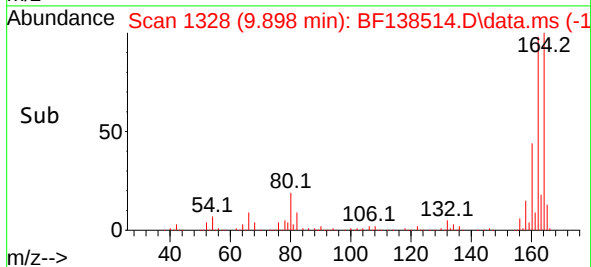
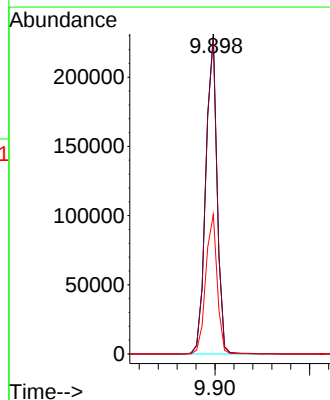
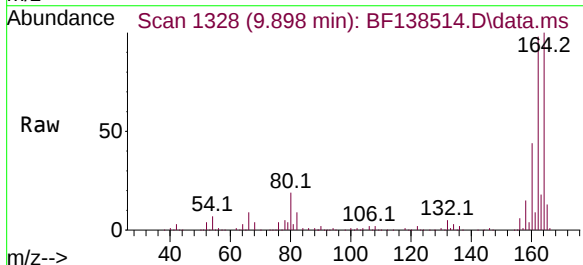
Instrument :
BNA_F
ClientSampleId :
SG-1

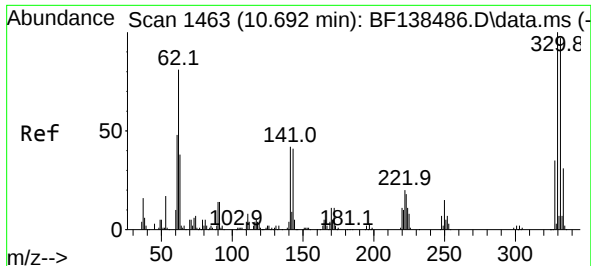
Tgt Ion: 82 Resp: 404106
Ion Ratio Lower Upper
82 100
128 40.0 32.3 48.5
54 62.9 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

Tgt Ion:164 Resp: 190132
Ion Ratio Lower Upper
164 100
162 98.3 79.0 118.6
160 43.7 34.4 51.6

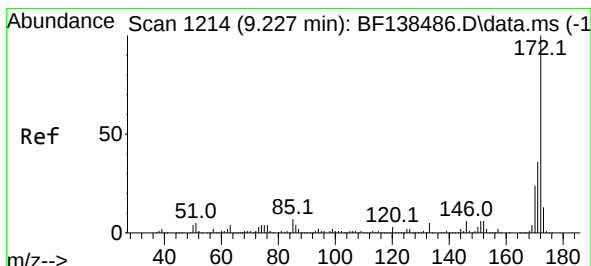
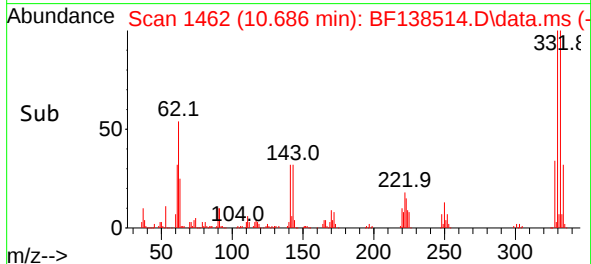
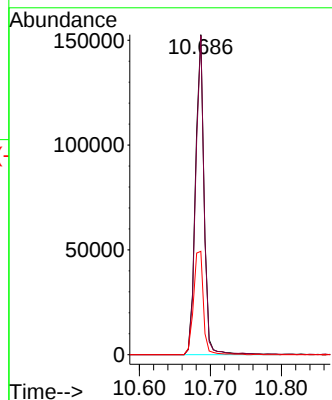
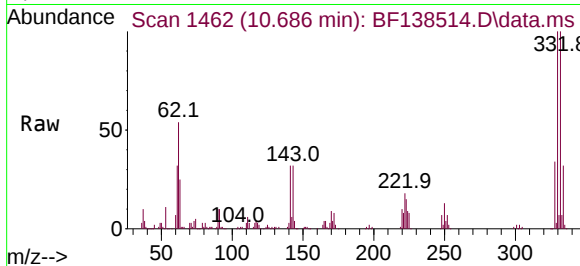




#42
2,4,6-Tribromophenol
Concen: 72.514 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

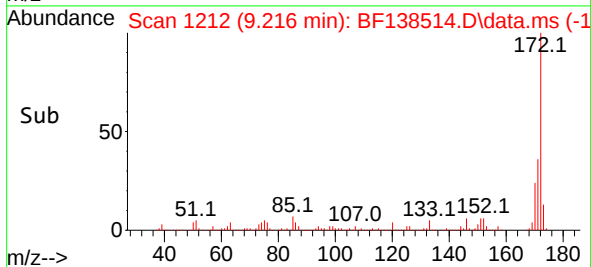
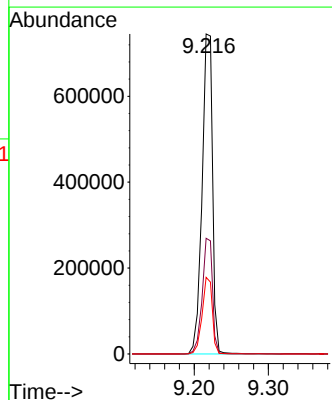
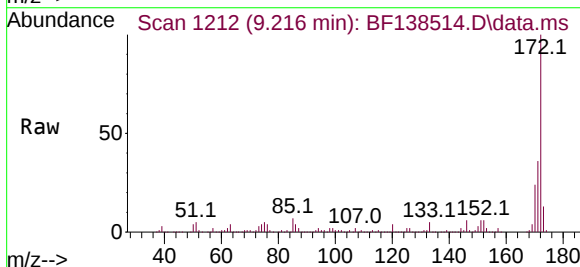
Instrument :
BNA_F
ClientSampleId :
SG-1

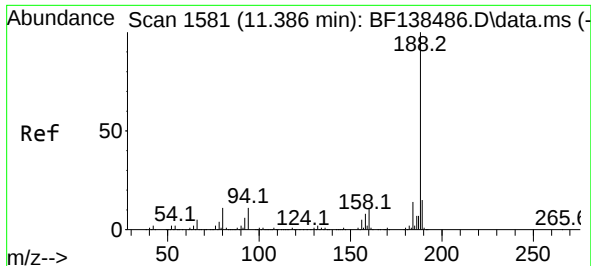
Tgt Ion:330 Resp: 128856
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 37.0 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 60.173 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

Tgt Ion:172 Resp: 732021
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.0 18.9 28.3

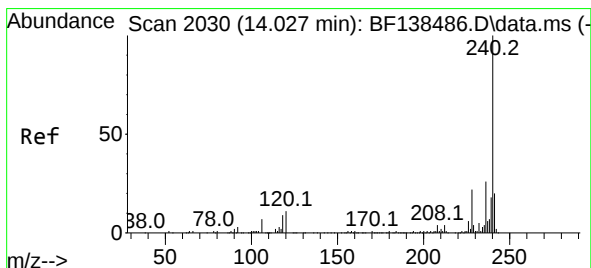
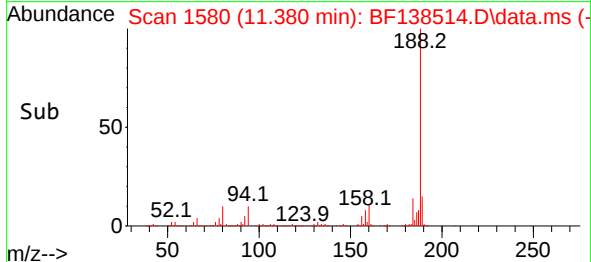
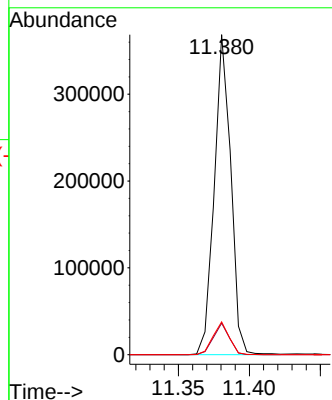
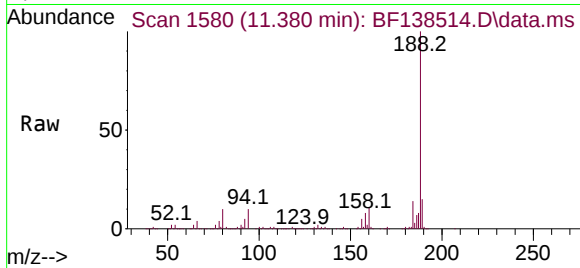




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

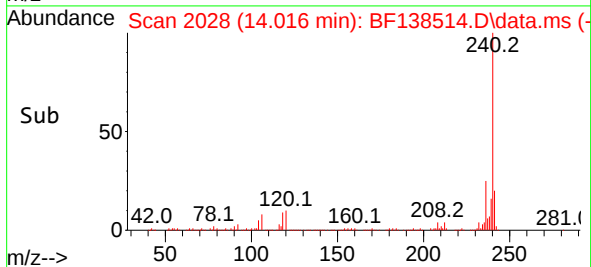
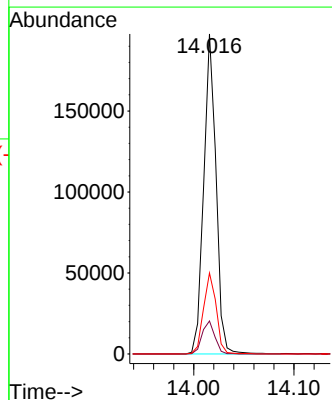
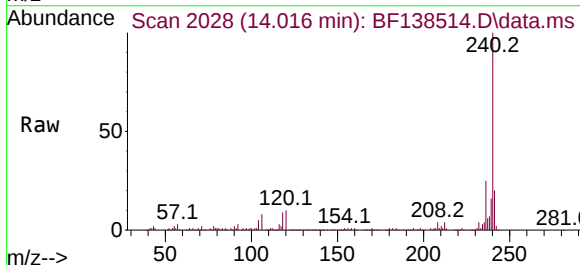
Instrument :
BNA_F
ClientSampleId :
SG-1

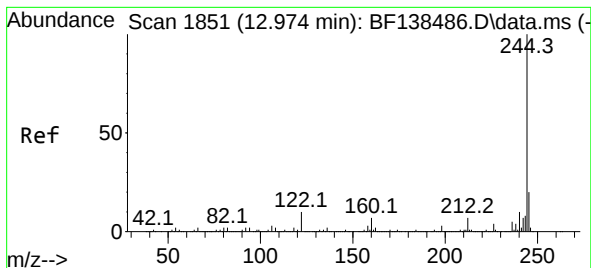
Tgt Ion:188 Resp: 296968
Ion Ratio Lower Upper
188 100
94 9.9 8.7 13.1
80 10.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF138514.D
Acq: 10 Jul 2024 21:51

Tgt Ion:240 Resp: 169138
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.3 21.0 31.6





#79

Terphenyl-d14

Concen: 56.981 ng

RT: 12.963 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BF138514.D

Acq: 10 Jul 2024 21:51

Instrument :

BNA_F

ClientSampleId :

SG-1

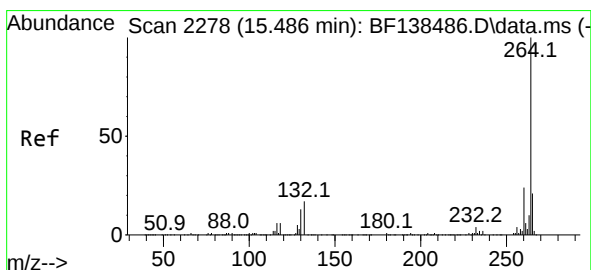
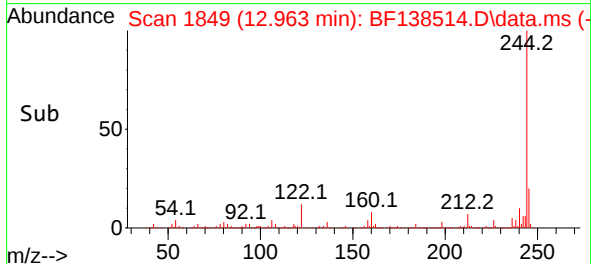
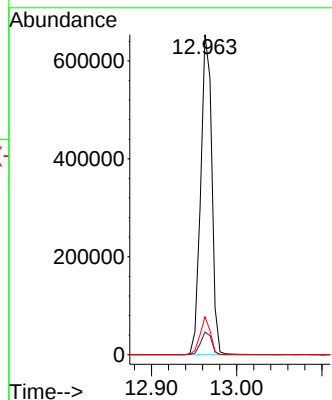
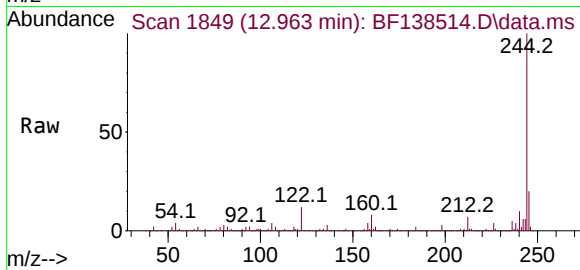
Tgt Ion:244 Resp: 591589

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.8 7.8 11.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.006 min

Lab File: BF138514.D

Acq: 10 Jul 2024 21:51

Tgt Ion:264 Resp: 180212

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.0 17.0 25.4

