

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
Data File : BF138494.D
Acq On : 10 Jul 2024 11:21
Operator : CG\JU
Sample : PB161962BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161962BL

Quant Time: Jul 10 12:50:04 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	122301	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	501026	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	289457	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	535373	20.000	ng	0.00
76) Chrysene-d12	14.021	240	370517	20.000	ng	0.00
86) Perylene-d12	15.486	264	291827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	873997	113.180	ng	0.01
7) Phenol-d6	6.504	99	1141624	111.130	ng	0.00
23) Nitrobenzene-d5	7.428	82	773242	75.773	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	307024	113.491	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1371600	74.059	ng	0.00
79) Terphenyl-d14	12.974	244	1614314	70.979	ng	0.00

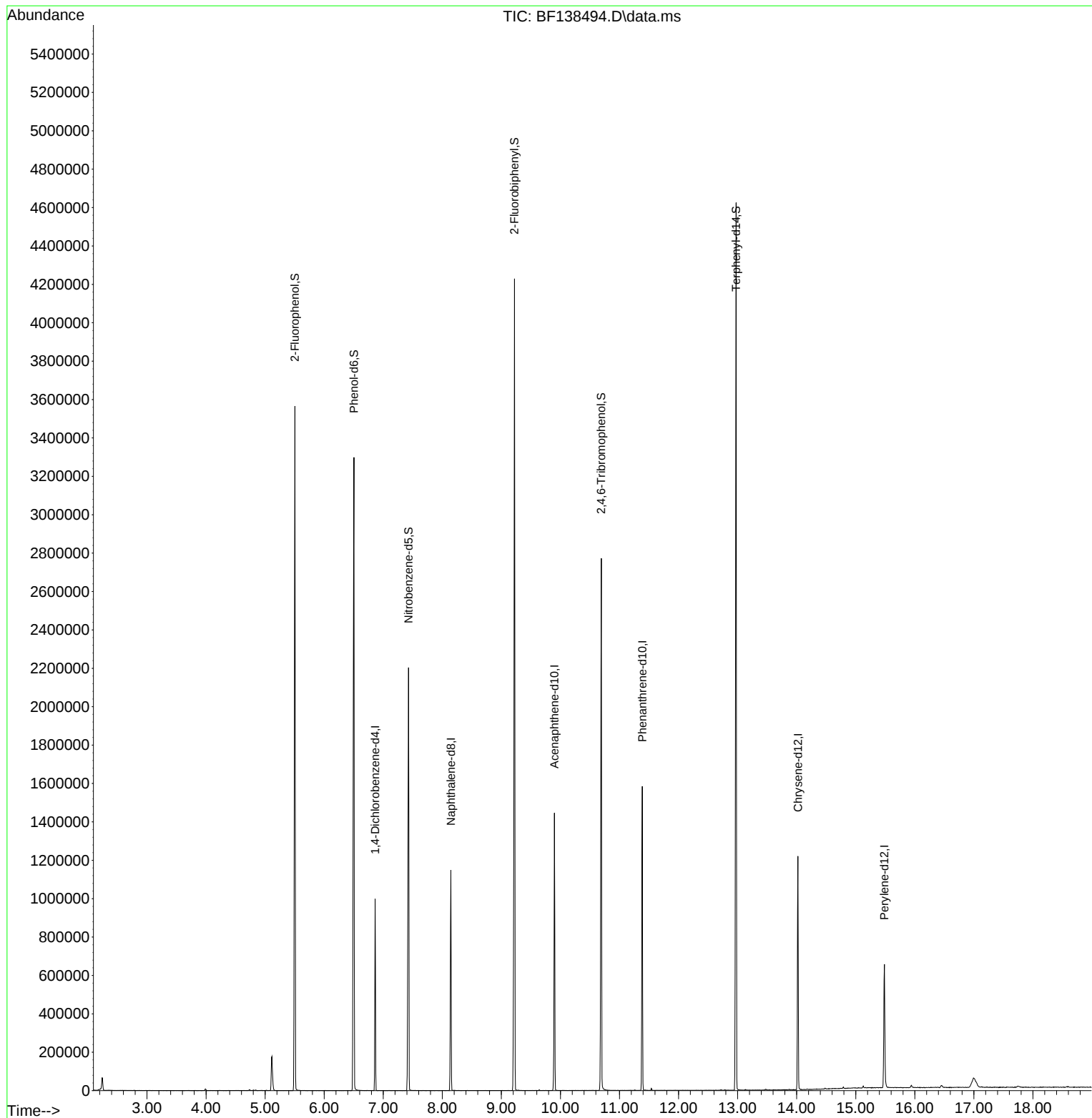
Target Compounds	Qvalue

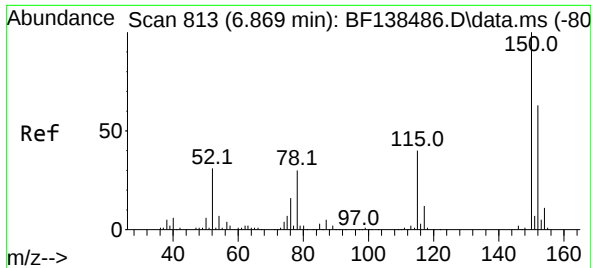
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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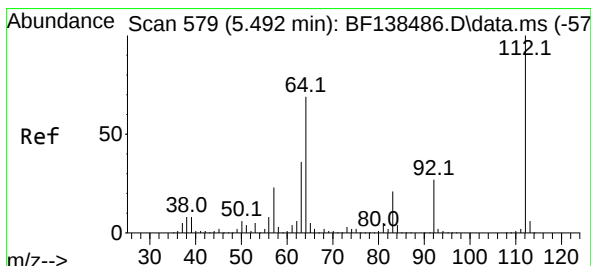
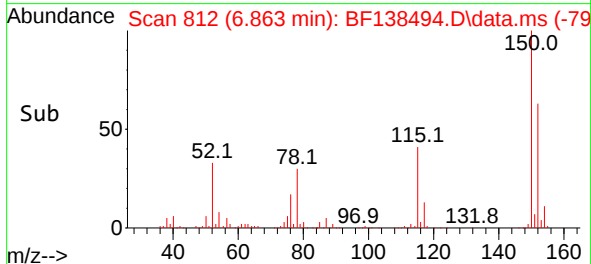
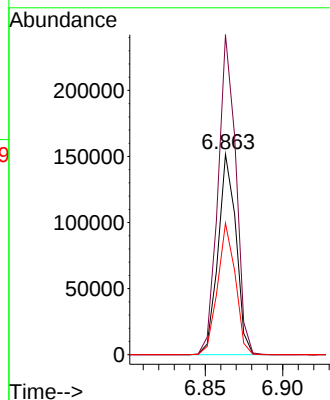
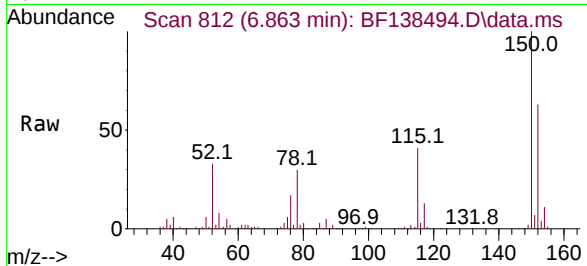




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

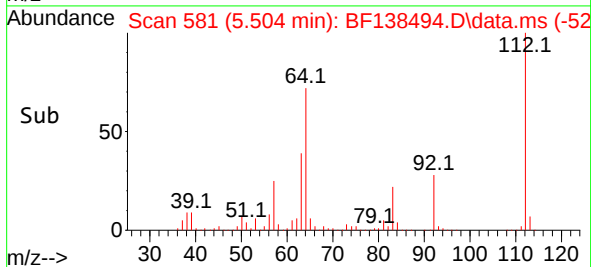
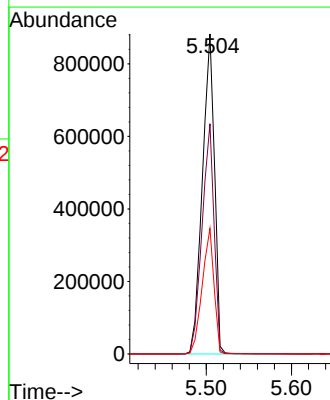
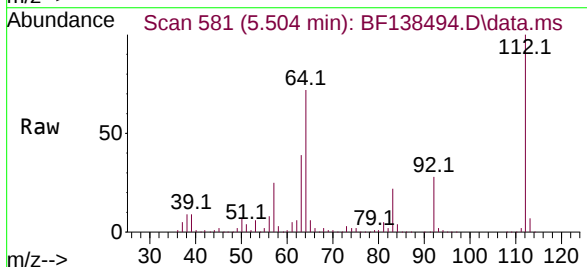
Instrument :
BNA_F
ClientSampleId :
PB161962BL

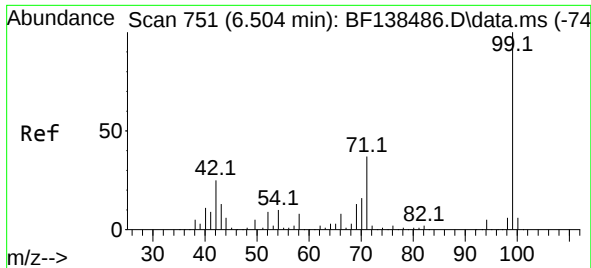
Tgt Ion:152 Resp: 122301
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.4
115 65.6 50.3 75.5



#5
2-Fluorophenol
Concen: 113.180 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

Tgt Ion:112 Resp: 873997
Ion Ratio Lower Upper
112 100
64 72.0 55.1 82.7
63 39.3 29.0 43.6



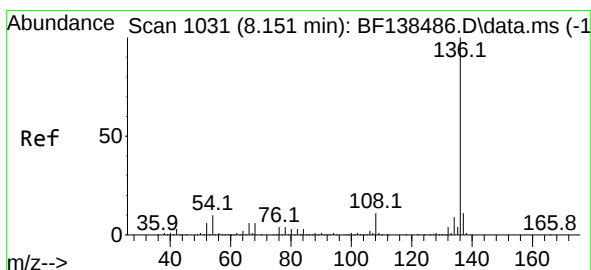
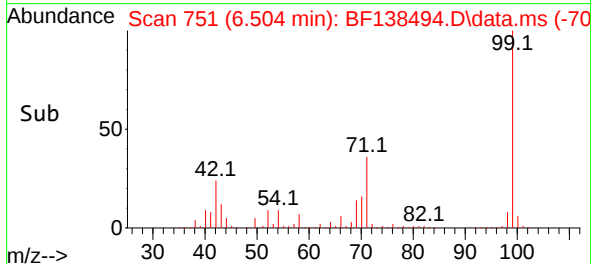
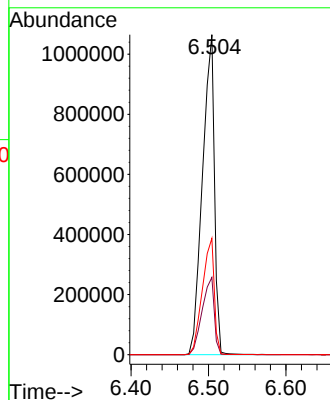
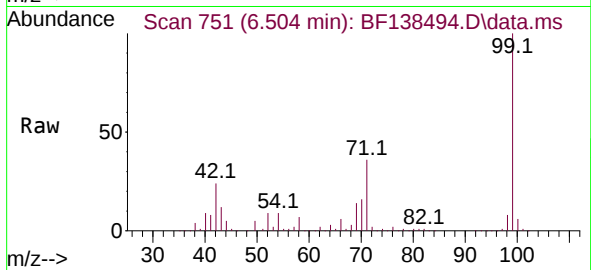


#7
Phenol-d6
Concen: 111.130 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

Instrument :
BNA_F
ClientSampleId :
PB161962BL

Tgt Ion: 99 Resp: 1141624

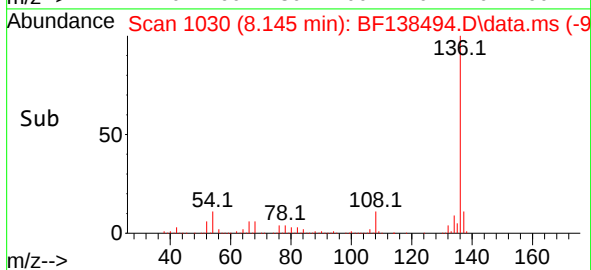
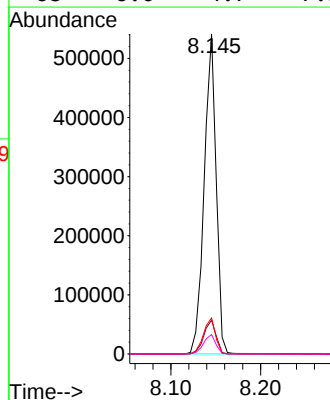
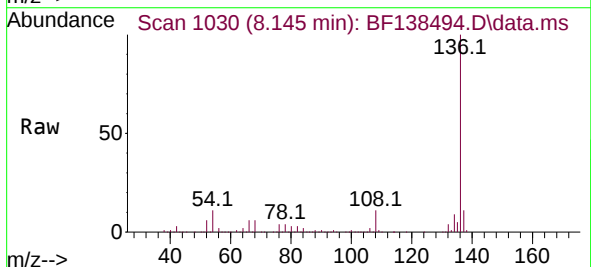
Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.7	29.5
71	36.4	29.9	44.9

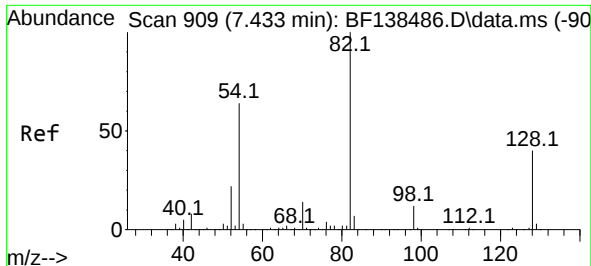


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

Tgt Ion: 136 Resp: 501026

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	11.2	8.1	12.1
68	6.0	4.7	7.1

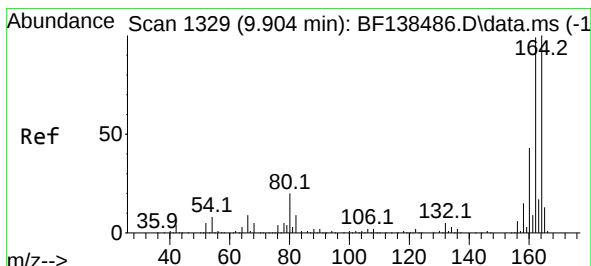
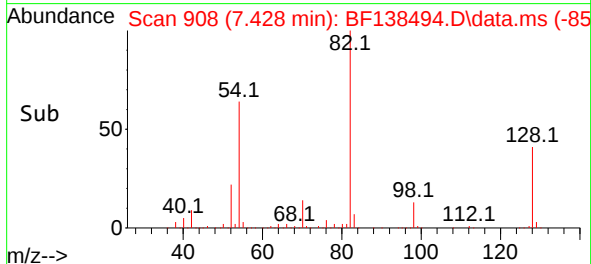
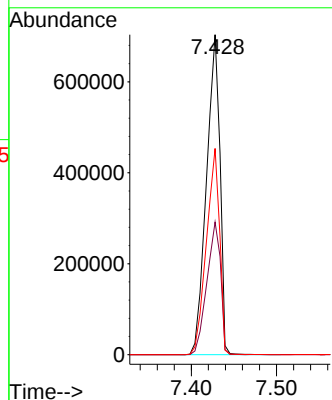
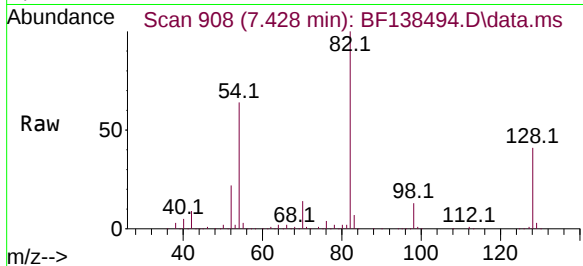




#23
Nitrobenzene-d5
Concen: 75.773 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

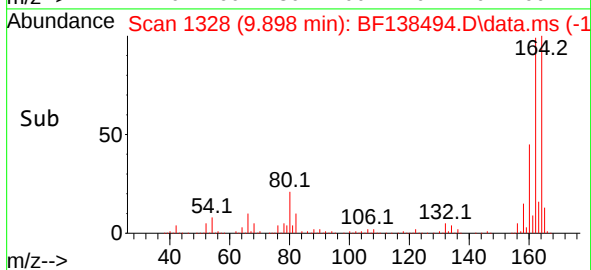
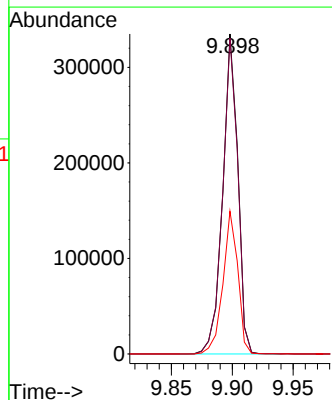
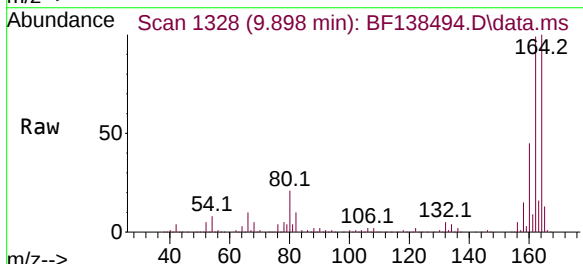
Instrument :
BNA_F
ClientSampleId :
PB161962BL

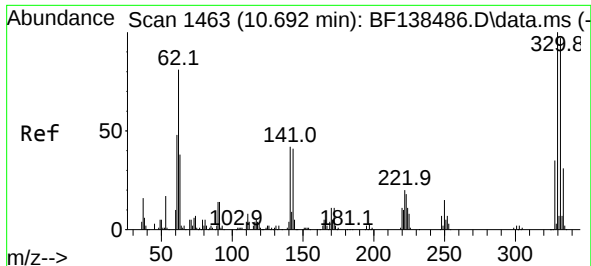
Tgt Ion: 82 Resp: 773242
Ion Ratio Lower Upper
82 100
128 41.4 32.3 48.5
54 64.4 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

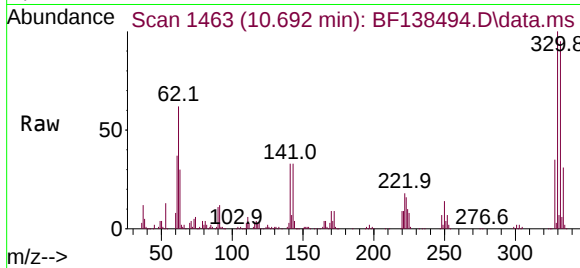
Tgt Ion:164 Resp: 289457
Ion Ratio Lower Upper
164 100
162 98.7 79.0 118.6
160 44.6 34.4 51.6



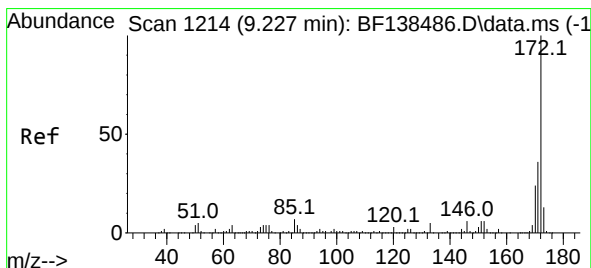
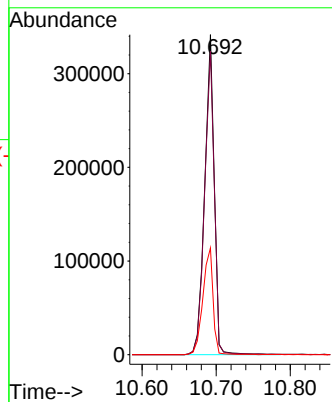
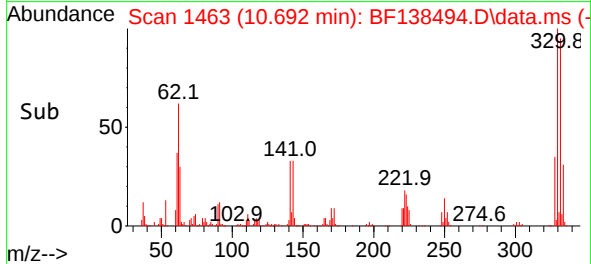


#42
2,4,6-Tribromophenol
Concen: 113.491 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

Instrument :
BNA_F
ClientSampleId :
PB161962BL

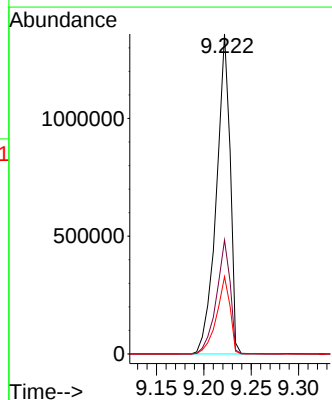
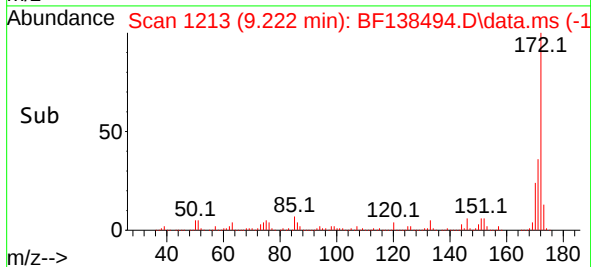
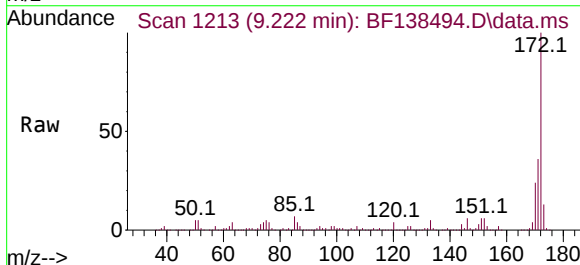


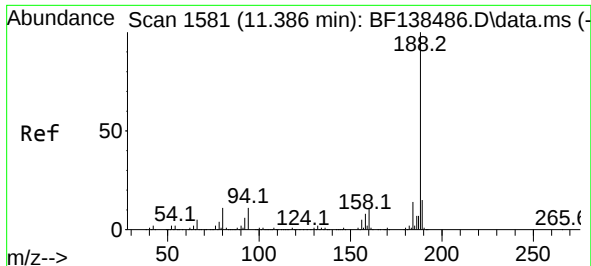
Tgt Ion:330 Resp: 307024
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 35.4 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 74.059 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

Tgt Ion:172 Resp: 1371600
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 24.1 18.9 28.3

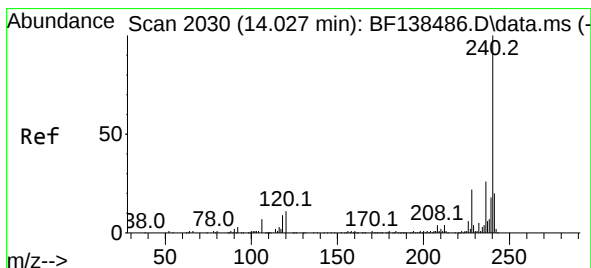
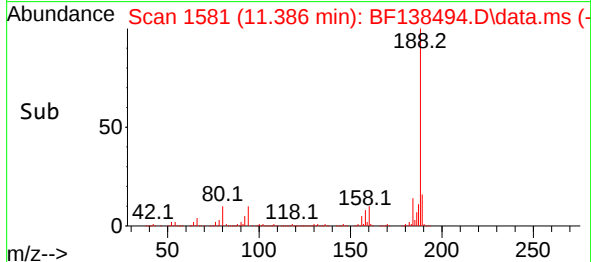
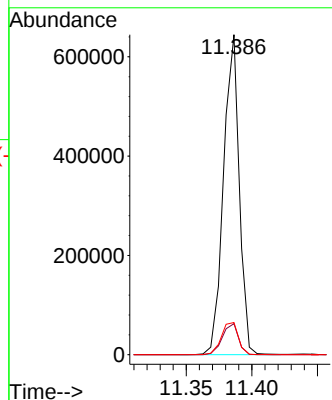
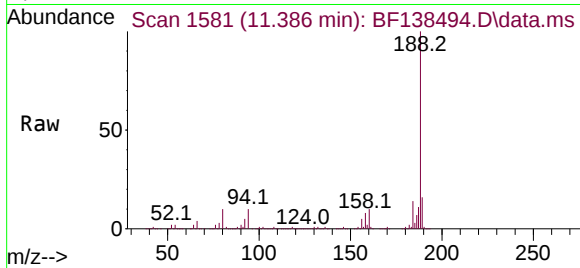




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

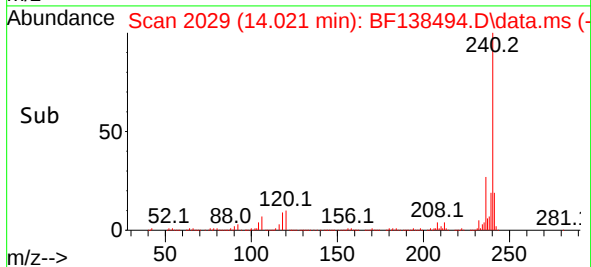
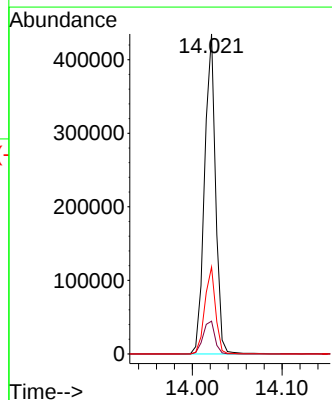
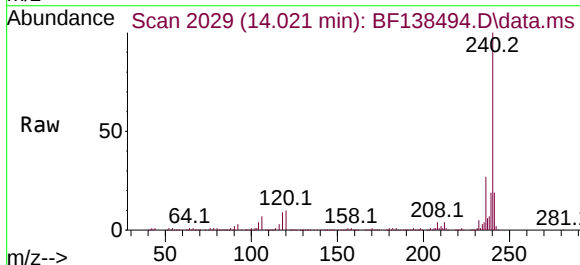
Instrument :
BNA_F
ClientSampleId :
PB161962BL

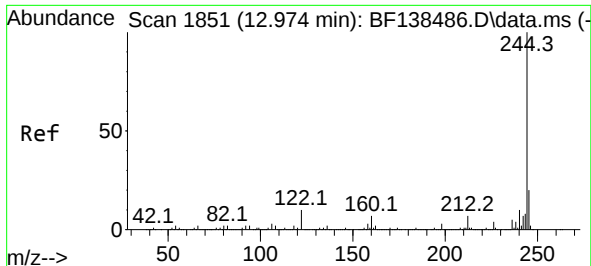
Tgt Ion:188 Resp: 535373
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 10.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138494.D
Acq: 10 Jul 2024 11:21

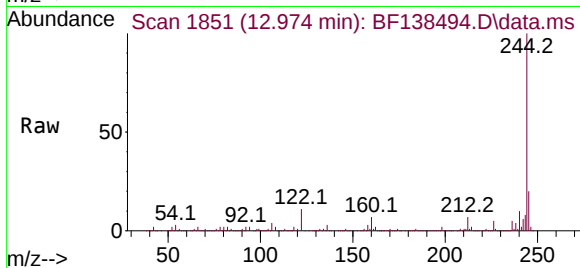
Tgt Ion:240 Resp: 370517
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 27.1 21.0 31.6



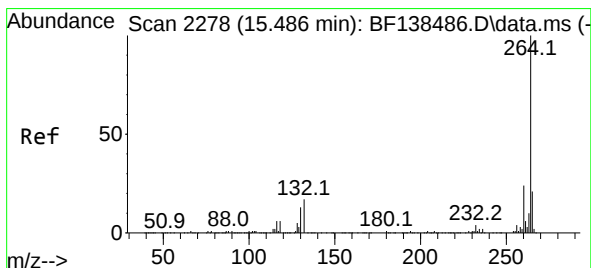
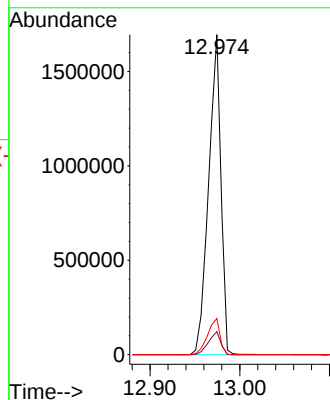
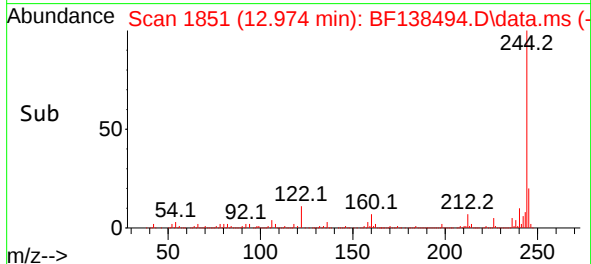


#79
 Terphenyl-d14
 Concen: 70.979 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF138494.D
 Acq: 10 Jul 2024 11:21

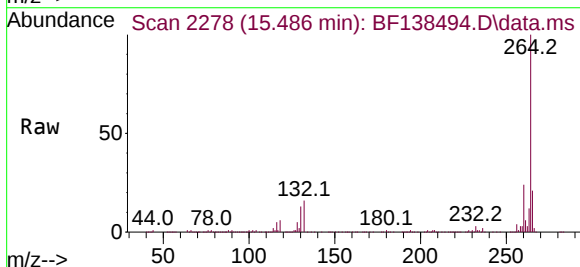
Instrument :
 BNA_F
 ClientSampleId :
 PB161962BL



Tgt Ion:244 Resp: 1614314
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. 0.000 min
 Lab File: BF138494.D
 Acq: 10 Jul 2024 11:21



Tgt Ion:264 Resp: 291827
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 20.6 17.0 25.4

