

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
Data File : BF138504.D
Acq On : 10 Jul 2024 16:39
Operator : CG\JU
Sample : P3190-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
240702108-05

Quant Time: Jul 10 17:11:39 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	83570	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	326414	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	171828	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	265632	20.000	ng	0.00
76) Chrysene-d12	14.015	240	155203	20.000	ng	-0.01
86) Perylene-d12	15.480	264	169813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	249287	47.243	ng	0.00
7) Phenol-d6	6.492	99	208512	29.704	ng	-0.01
23) Nitrobenzene-d5	7.427	82	511631	76.957	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	128402	79.956	ng	0.00
45) 2-Fluorobiphenyl	9.221	172	891761	81.112	ng	0.00
79) Terphenyl-d14	12.968	244	782668	82.154	ng	0.00

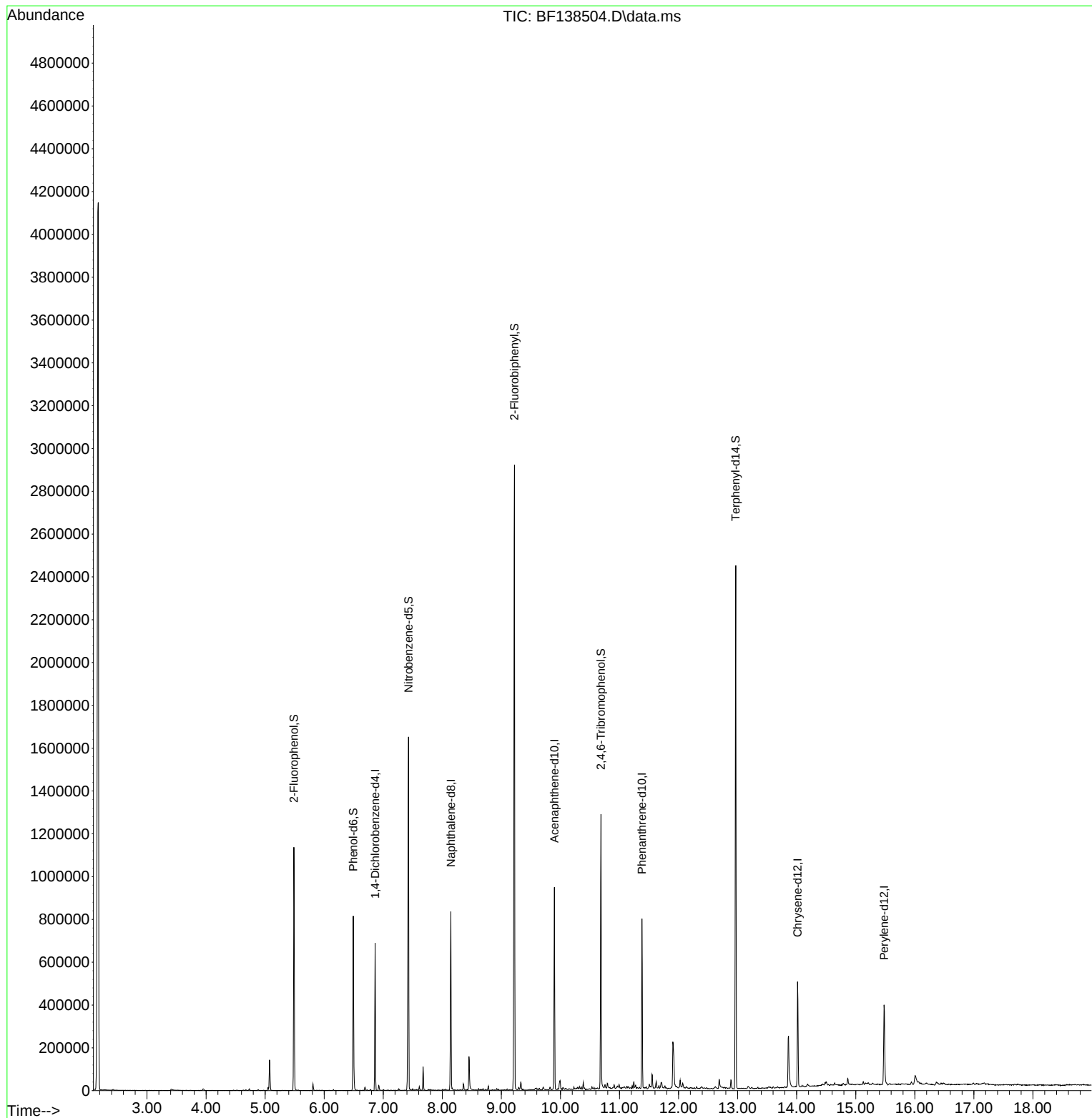
Target Compounds	Qvalue

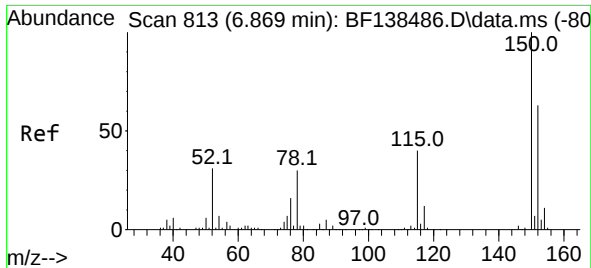
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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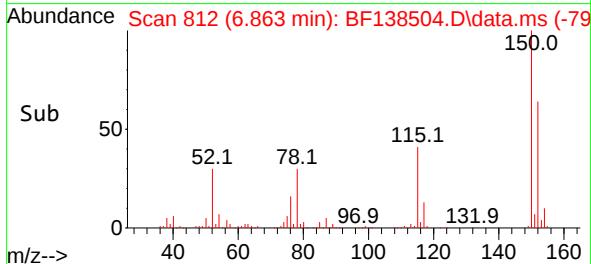
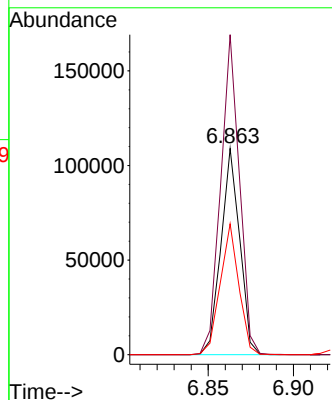
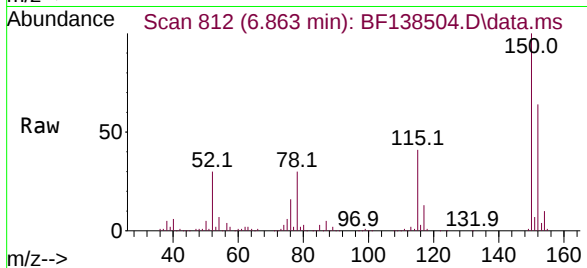




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

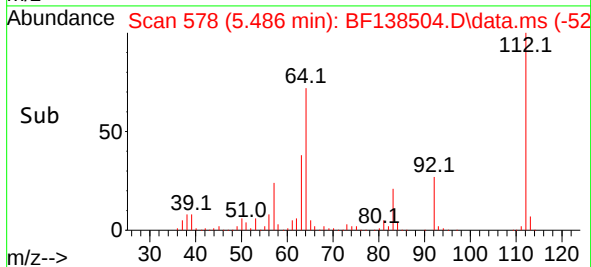
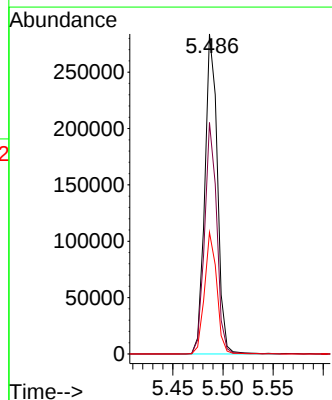
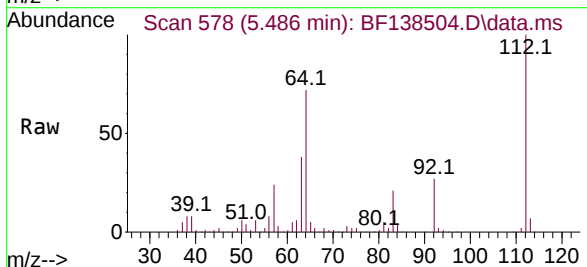
Instrument :
BNA_F
ClientSampleId :
240702108-05

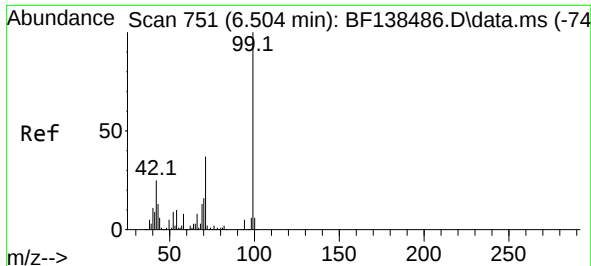
Tgt Ion:152 Resp: 83570
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.4
115 63.5 50.3 75.5



#5
2-Fluorophenol
Concen: 47.243 ng
RT: 5.486 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

Tgt Ion:112 Resp: 249287
Ion Ratio Lower Upper
112 100
64 72.3 55.1 82.7
63 38.0 29.0 43.6

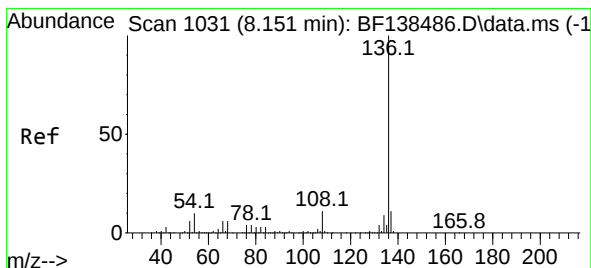
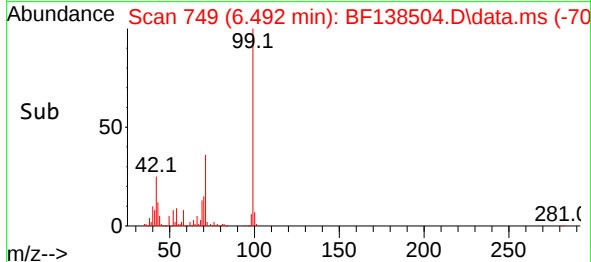
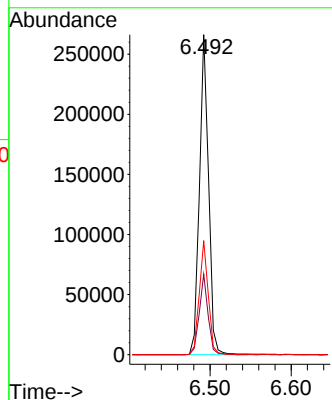
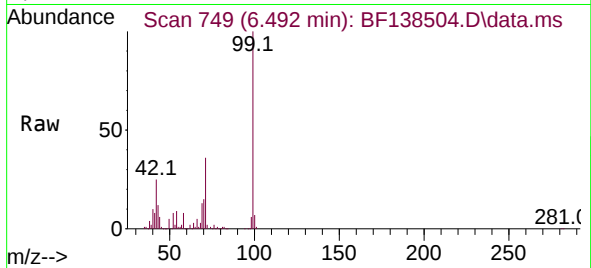




#7
Phenol-d6
Concen: 29.704 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

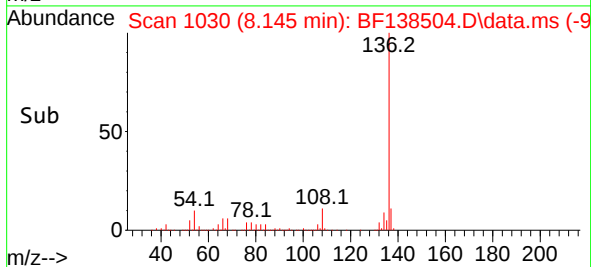
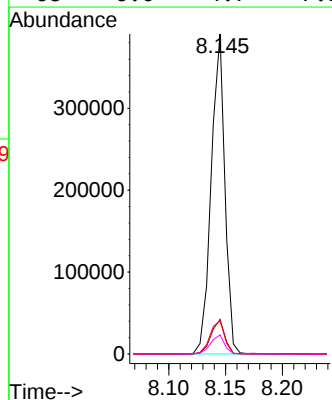
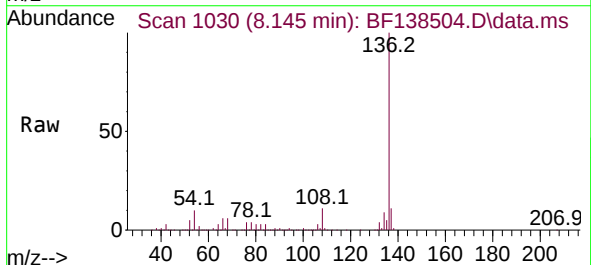
Instrument :
BNA_F
ClientSampleId :
240702108-05

Tgt Ion: 99 Resp: 208512
Ion Ratio Lower Upper
99 100
42 25.2 19.7 29.5
71 35.6 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: BF138504.D
Acq: 10 Jul 2024 16:39

Tgt Ion: 136 Resp: 326414
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.4 8.1 12.1
68 6.0 4.7 7.1

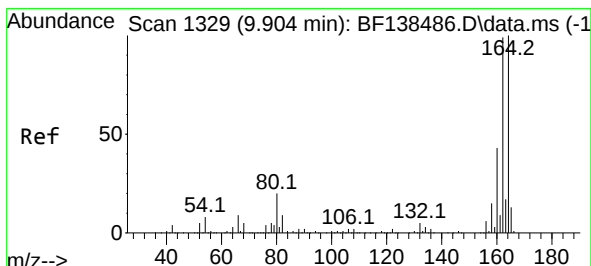
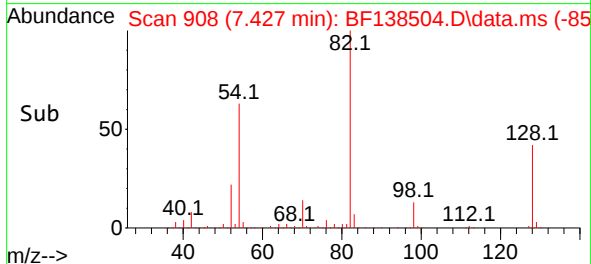
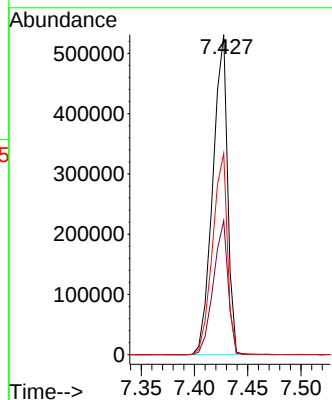
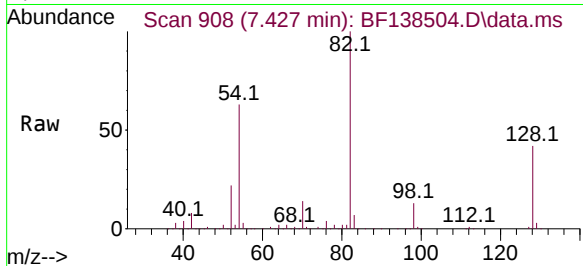




#23
Nitrobenzene-d5
Concen: 76.957 ng
RT: 7.427 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

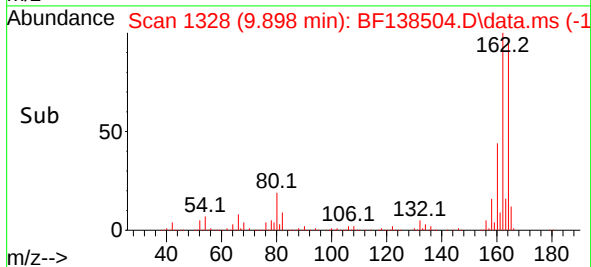
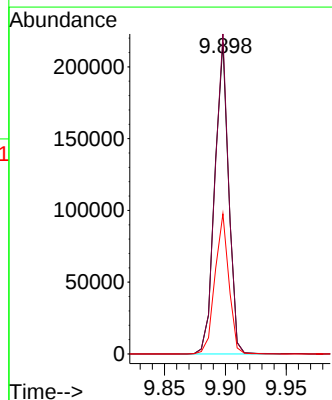
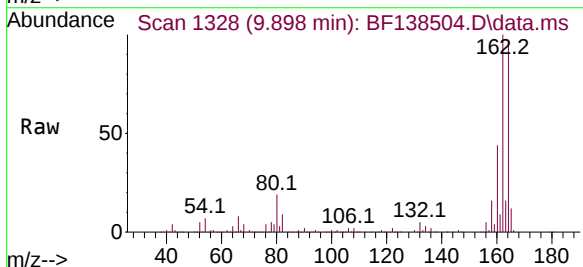
Instrument :
BNA_F
ClientSampleId :
240702108-05

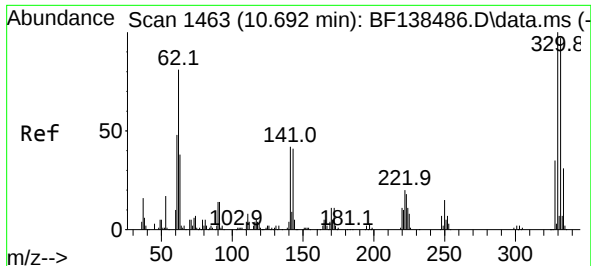
Tgt Ion: 82 Resp: 511631
Ion Ratio Lower Upper
82 100
128 41.8 32.3 48.5
54 62.9 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138504.D
Acq: 10 Jul 2024 16:39

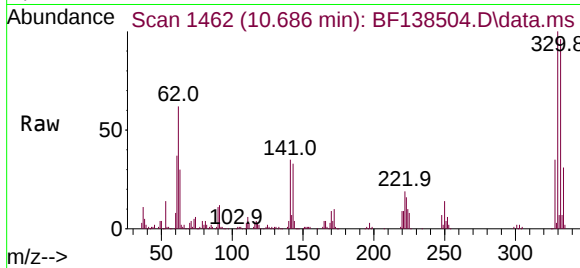
Tgt Ion:164 Resp: 171828
Ion Ratio Lower Upper
164 100
162 102.8 79.0 118.6
160 45.0 34.4 51.6



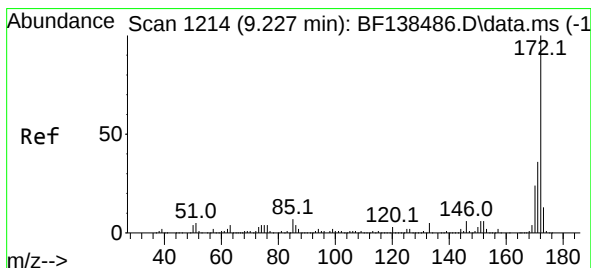
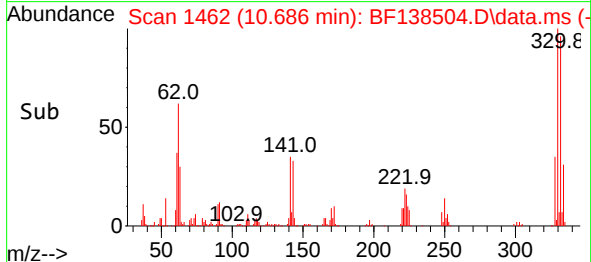
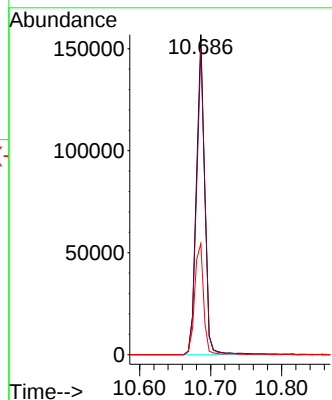


#42
 2,4,6-Tribromophenol
 Concen: 79.956 ng
 RT: 10.686 min Scan# 1462
 Delta R.T. -0.006 min
 Lab File: BF138504.D
 Acq: 10 Jul 2024 16:39

Instrument :
 BNA_F
 ClientSampleId :
 240702108-05

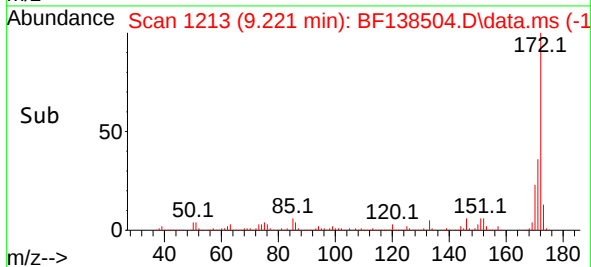
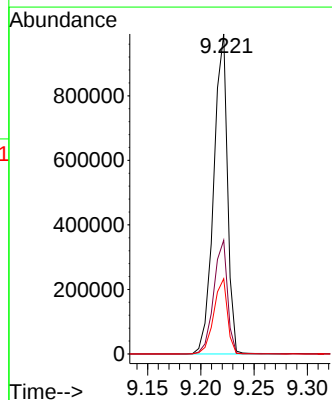
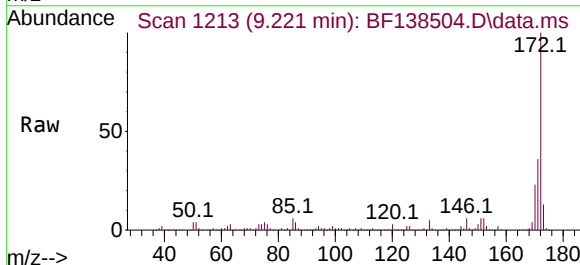


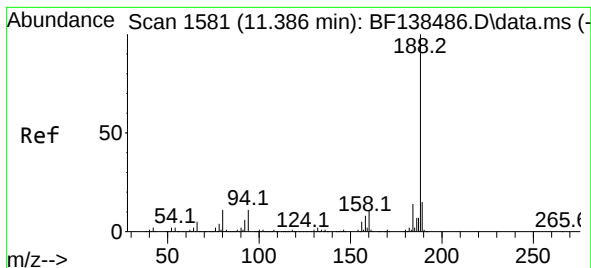
Tgt Ion: 330 Resp: 128402
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 37.0 29.4 44.2



#45
 2-Fluorobiphenyl
 Concen: 81.112 ng
 RT: 9.221 min Scan# 1213
 Delta R.T. -0.006 min
 Lab File: BF138504.D
 Acq: 10 Jul 2024 16:39

Tgt Ion: 172 Resp: 891761
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138504.D

Acq: 10 Jul 2024 16:39

Instrument :

BNA_F

ClientSampleId :

240702108-05

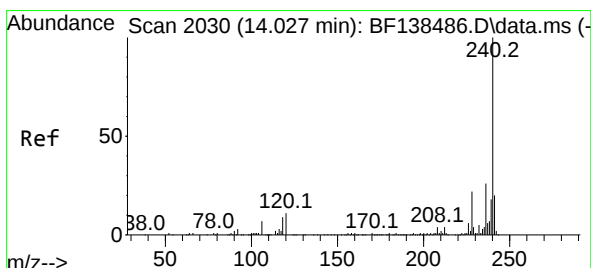
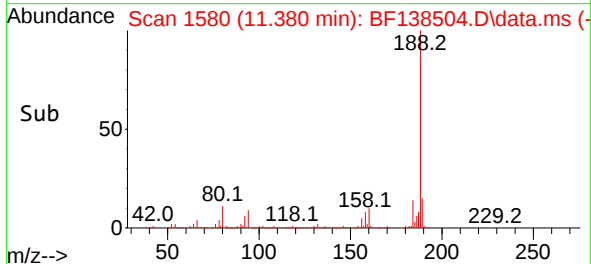
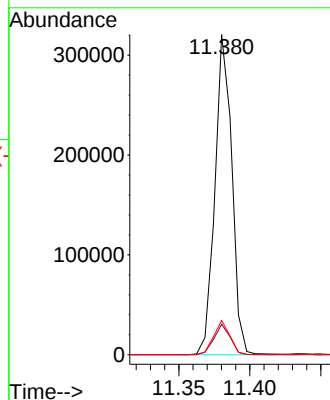
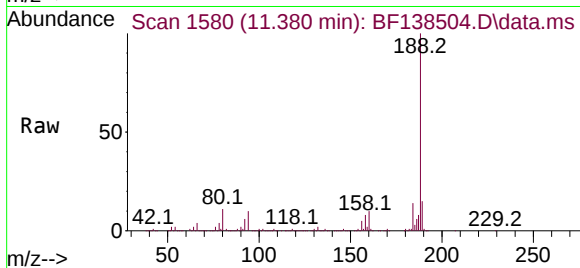
Tgt Ion:188 Resp: 265632

Ion Ratio Lower Upper

188 100

94 9.5 8.7 13.1

80 10.7 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF138504.D

Acq: 10 Jul 2024 16:39

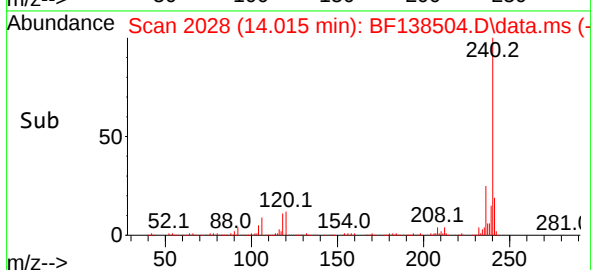
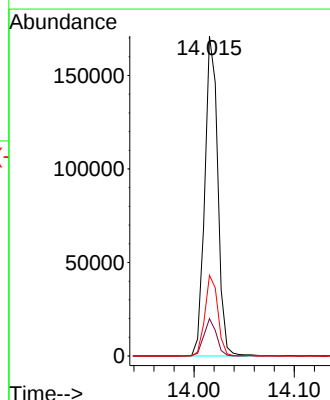
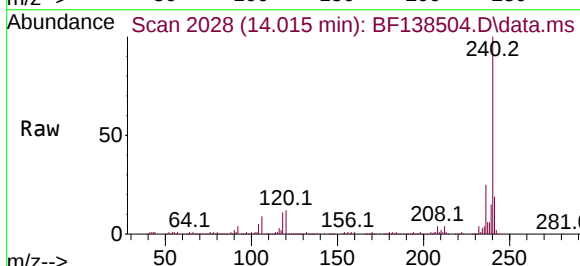
Tgt Ion:240 Resp: 155203

Ion Ratio Lower Upper

240 100

120 11.7 8.6 12.8

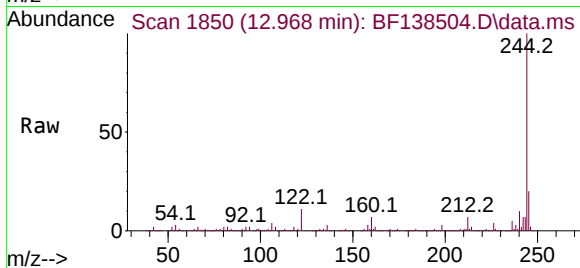
236 25.2 21.0 31.6





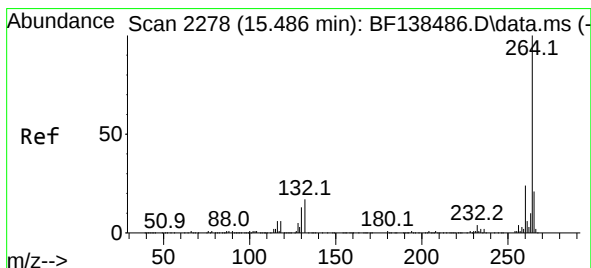
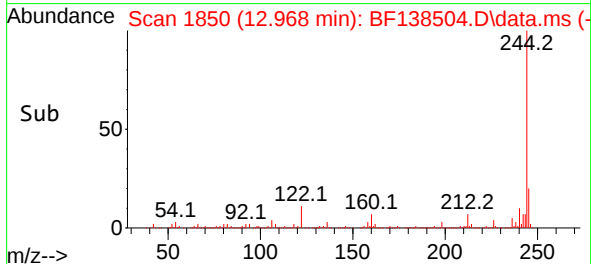
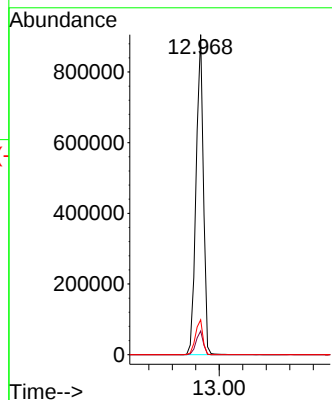
#79
 Terphenyl-d14
 Concen: 82.154 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138504.D
 Acq: 10 Jul 2024 16:39

Instrument :
 BNA_F
 ClientSampleId :
 240702108-05



Tgt Ion:244 Resp: 782668

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	10.9	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: BF138504.D
 Acq: 10 Jul 2024 16:39

Tgt Ion:264 Resp: 169813

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.6
265	21.0	17.0	25.4

