

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138505.D
 Acq On : 10 Jul 2024 17:11
 Operator : CG\JU
 Sample : P3191-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 240703079-01

Quant Time: Jul 10 18:19:23 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	80233	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	319005	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	170239	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	265515	20.000	ng	0.00
76) Chrysene-d12	14.015	240	153752	20.000	ng	-0.01
86) Perylene-d12	15.480	264	162897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	261301	51.579	ng	0.00
7) Phenol-d6	6.492	99	221649	32.889	ng	-0.01
23) Nitrobenzene-d5	7.428	82	525569	80.890	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	127823	80.339	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	919777	84.442	ng	0.00
79) Terphenyl-d14	12.968	244	833298	88.294	ng	0.00

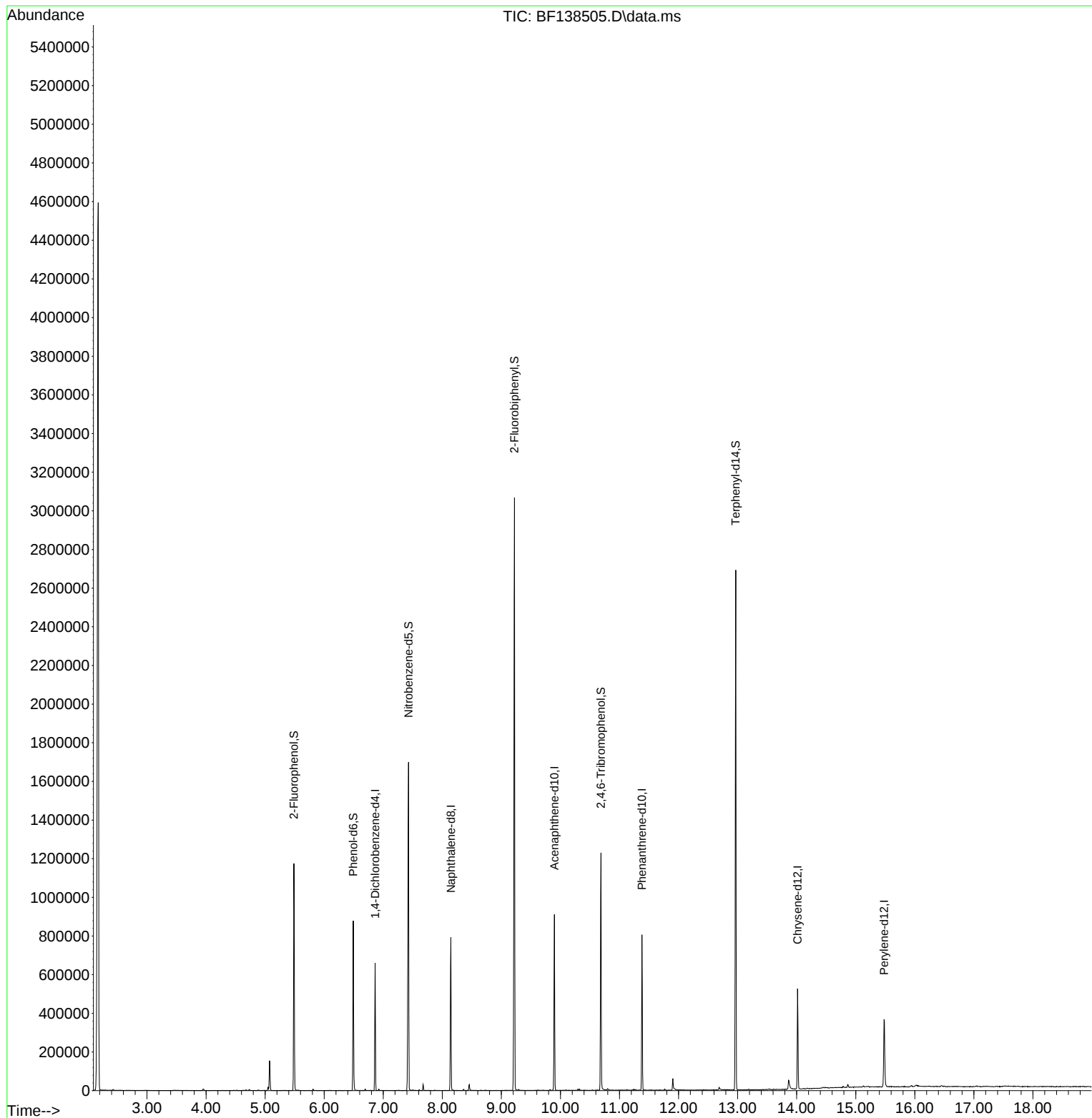
Target Compounds	Qvalue

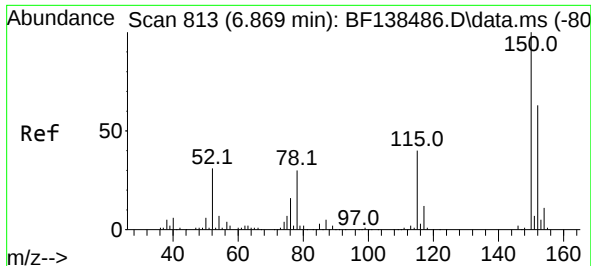
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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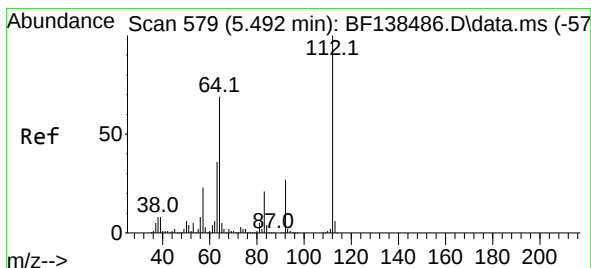
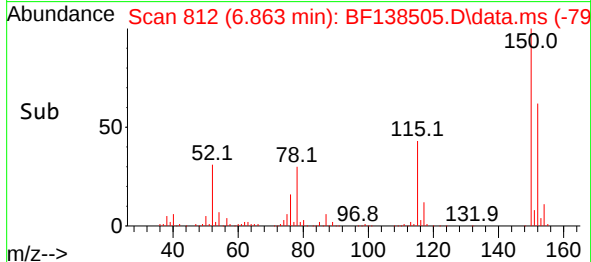
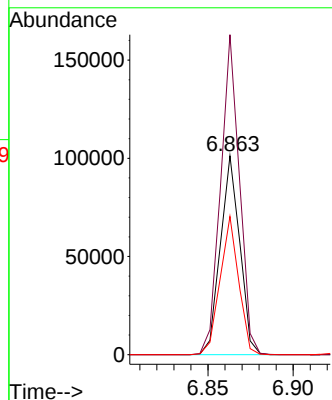
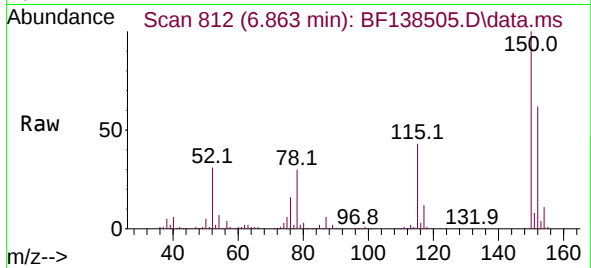




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138505.D
Acq: 10 Jul 2024 17:11

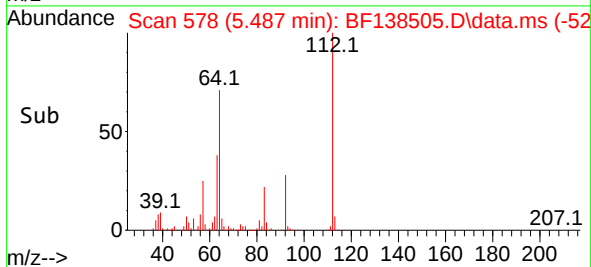
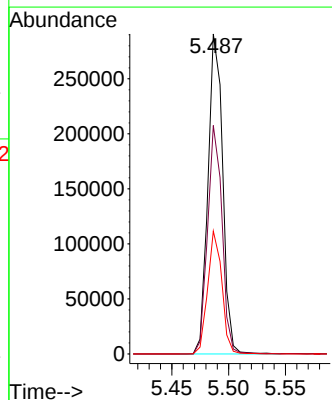
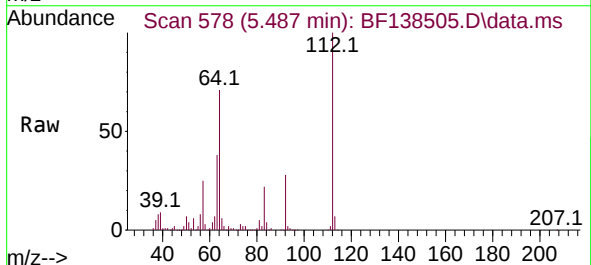
Instrument :
BNA_F
ClientSampleId :
240703079-01

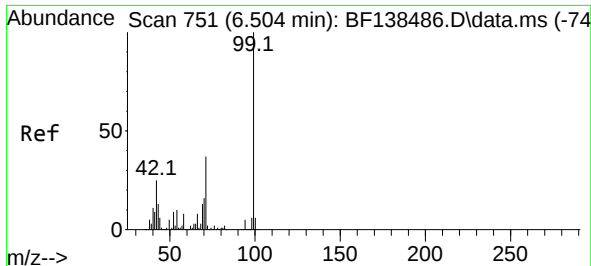
Tgt Ion:152 Resp: 80233
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.4
115 69.5 50.3 75.5



#5
2-Fluorophenol
Concen: 51.579 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138505.D
Acq: 10 Jul 2024 17:11

Tgt Ion:112 Resp: 261301
Ion Ratio Lower Upper
112 100
64 71.4 55.1 82.7
63 38.4 29.0 43.6

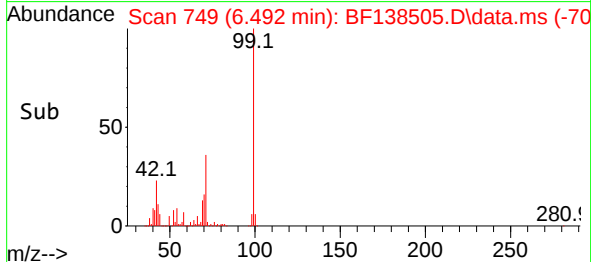
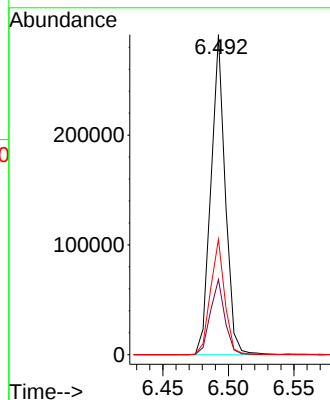
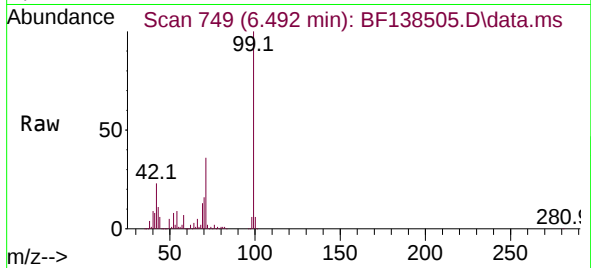




#7
Phenol-d6
Concen: 32.889 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138505.D
Acq: 10 Jul 2024 17:11

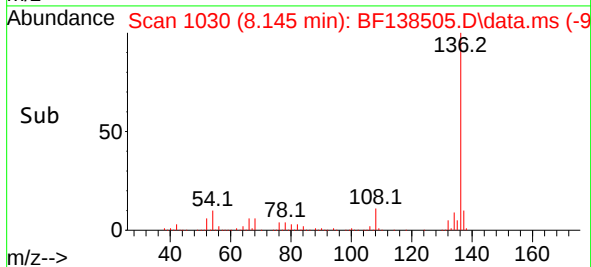
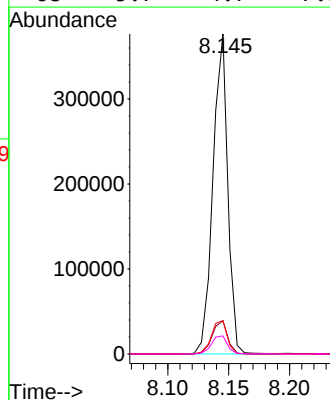
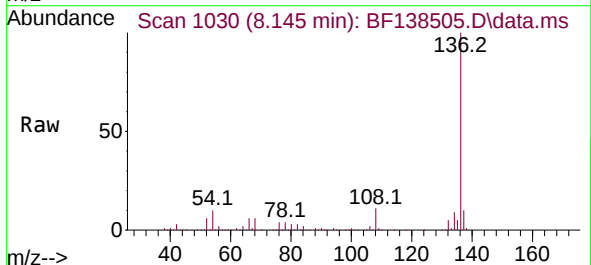
Instrument :
BNA_F
ClientSampleId :
240703079-01

Tgt Ion: 99 Resp: 221649
Ion Ratio Lower Upper
99 100
42 23.5 19.7 29.5
71 36.0 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: BF138505.D
Acq: 10 Jul 2024 17:11

Tgt Ion: 136 Resp: 319005
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 10.4 8.1 12.1
68 5.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 80.890 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF138505.D

Acq: 10 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

240703079-01

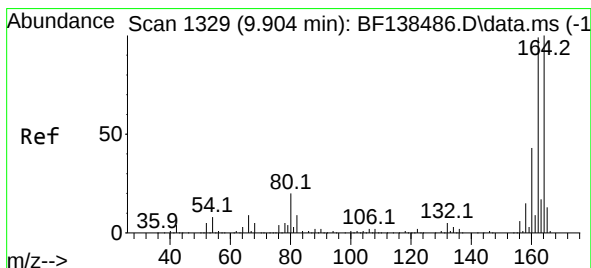
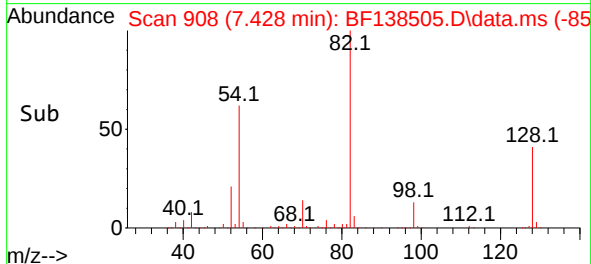
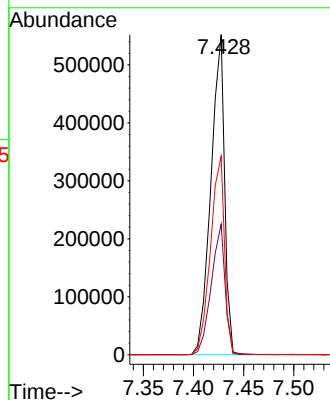
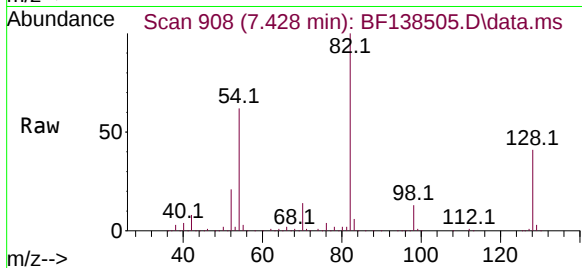
Tgt Ion: 82 Resp: 525569

Ion Ratio Lower Upper

82 100

128 40.8 32.3 48.5

54 62.0 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: BF138505.D

Acq: 10 Jul 2024 17:11

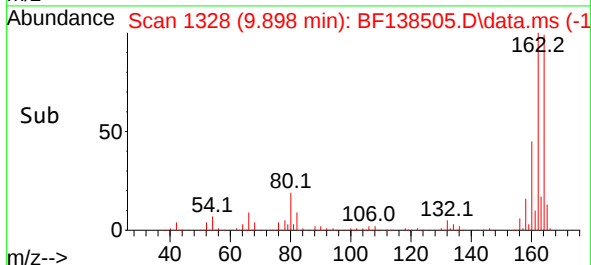
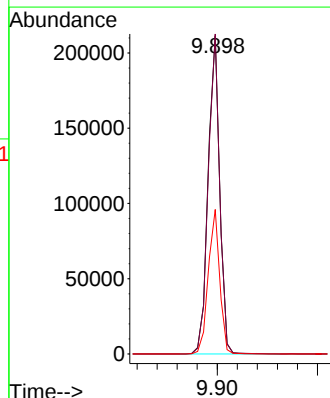
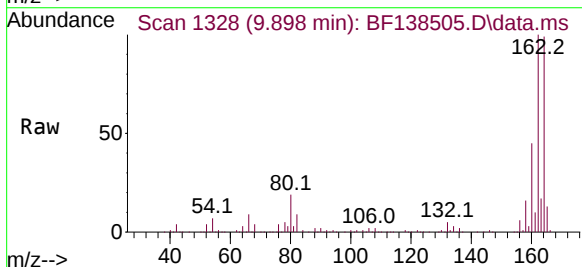
Tgt Ion:164 Resp: 170239

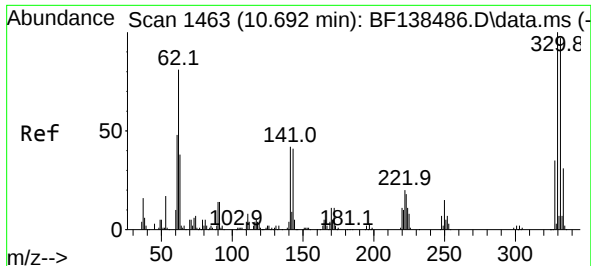
Ion Ratio Lower Upper

164 100

162 100.6 79.0 118.6

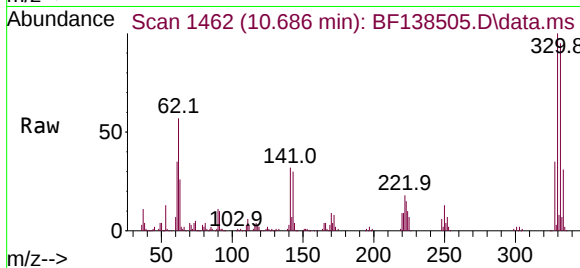
160 45.4 34.4 51.6



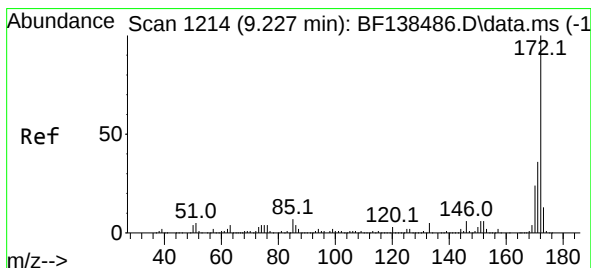
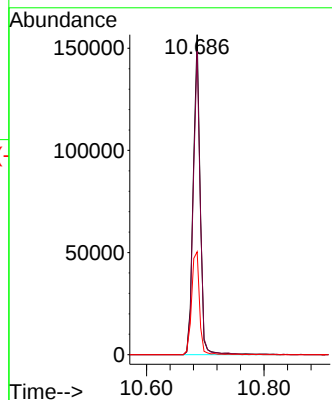
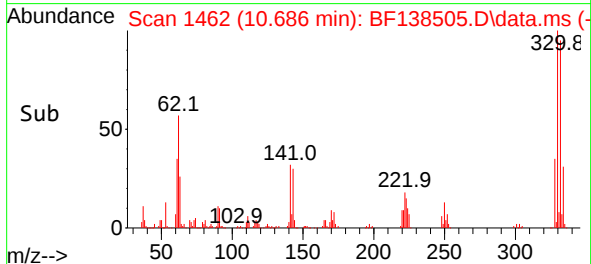


#42
2,4,6-Tribromophenol
Concen: 80.339 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138505.D
Acq: 10 Jul 2024 17:11

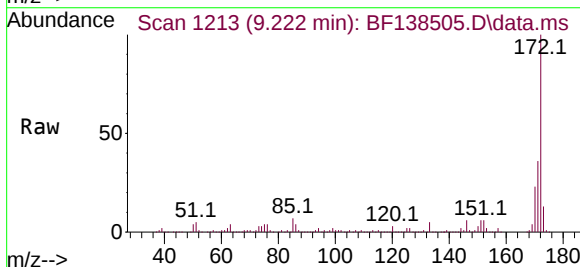
Instrument :
BNA_F
ClientSampleId :
240703079-01



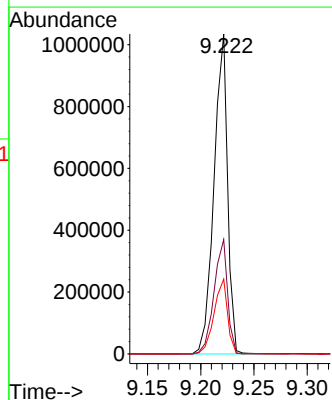
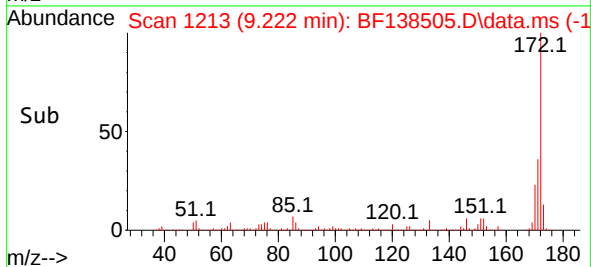
Tgt Ion:330 Resp: 127823
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 36.7 29.4 44.2

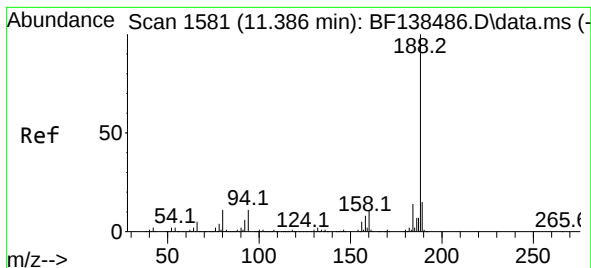


#45
2-Fluorobiphenyl
Concen: 84.442 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138505.D
Acq: 10 Jul 2024 17:11



Tgt Ion:172 Resp: 919777
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.4 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: BF138505.D

Acq: 10 Jul 2024 17:11

Instrument :

BNA_F

ClientSampleId :

240703079-01

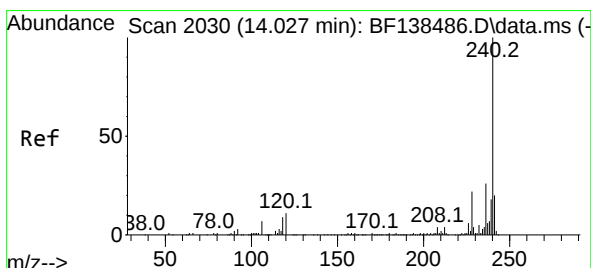
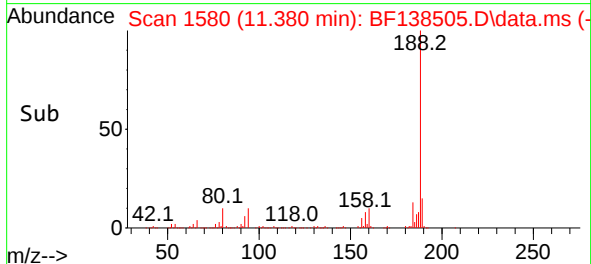
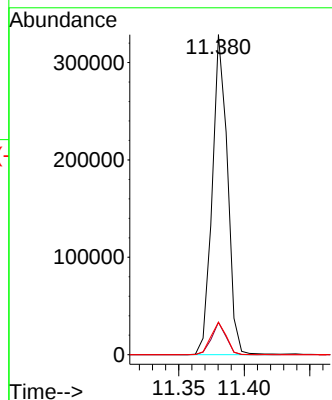
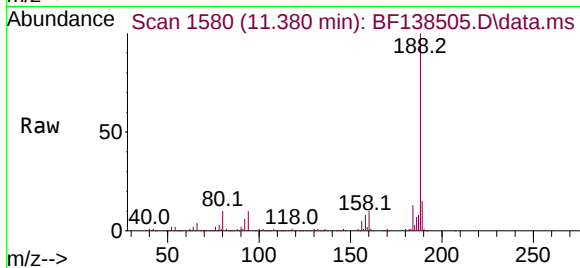
Tgt Ion:188 Resp: 265515

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

80 10.1 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: BF138505.D

Acq: 10 Jul 2024 17:11

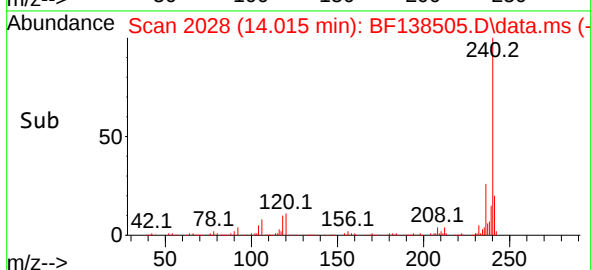
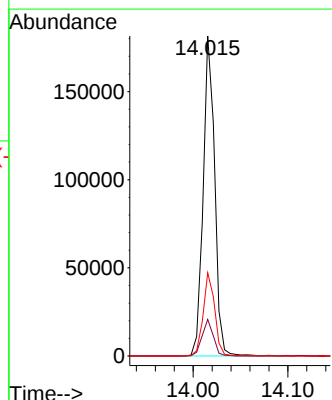
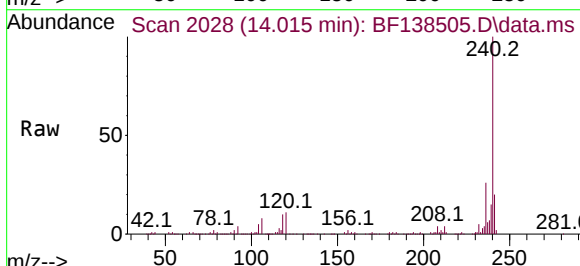
Tgt Ion:240 Resp: 153752

Ion Ratio Lower Upper

240 100

120 11.4 8.6 12.8

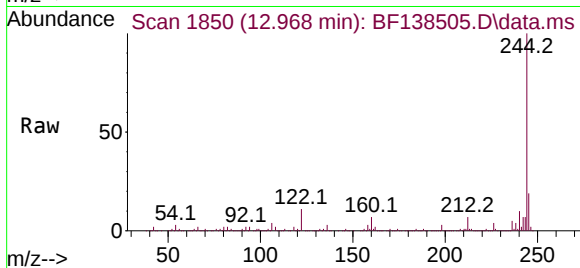
236 26.0 21.0 31.6



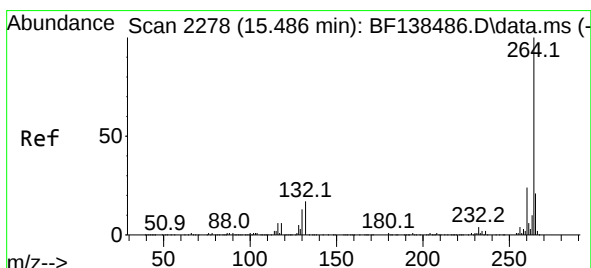
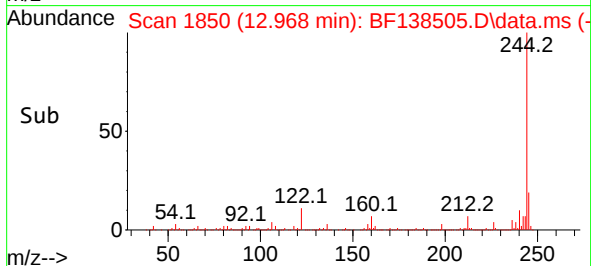
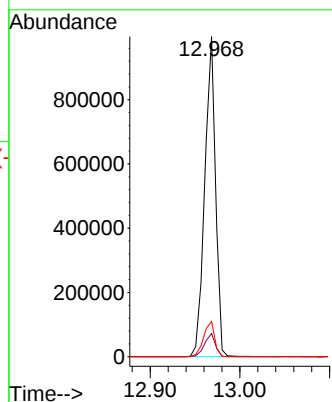


#79
 Terphenyl-d14
 Concen: 88.294 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138505.D
 Acq: 10 Jul 2024 17:11

Instrument :
 BNA_F
 ClientSampleId :
 240703079-01



Tgt Ion:244 Resp: 833298
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.0 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: BF138505.D
 Acq: 10 Jul 2024 17:11

Tgt Ion:264 Resp: 162897
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.9 17.0 25.4

