

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138545.D
 Acq On : 12 Jul 2024 14:33
 Operator : CG\JU
 Sample : P3193-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1

Quant Time: Jul 12 15:21:46 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	78233	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	308778	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	167443	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	252116	20.000	ng	0.00
76) Chrysene-d12	14.021	240	150288	20.000	ng	0.00
86) Perylene-d12	15.486	264	145482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	598254	121.111	ng	0.00
7) Phenol-d6	6.498	99	803140	122.220	ng	0.00
23) Nitrobenzene-d5	7.428	82	521896	82.985	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	187952	120.103	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	939978	87.737	ng	0.00
79) Terphenyl-d14	12.968	244	701820	76.077	ng	0.00

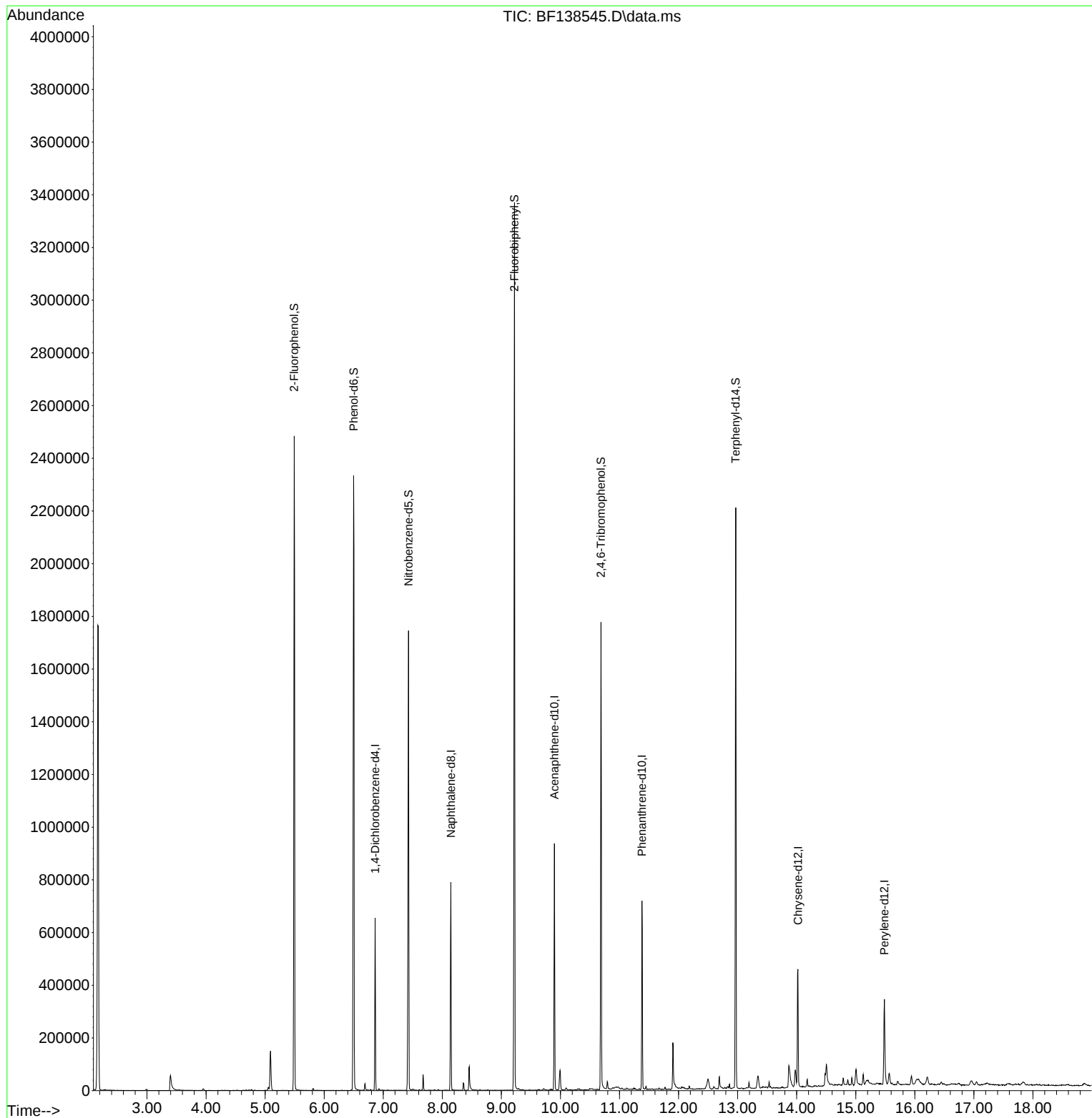
Target Compounds	Qvalue

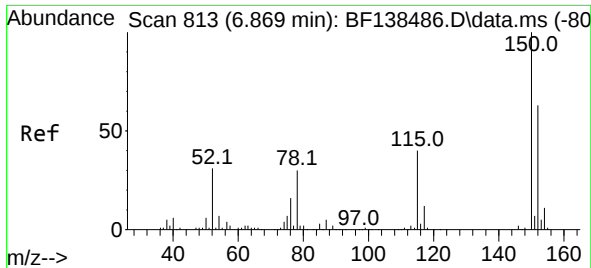
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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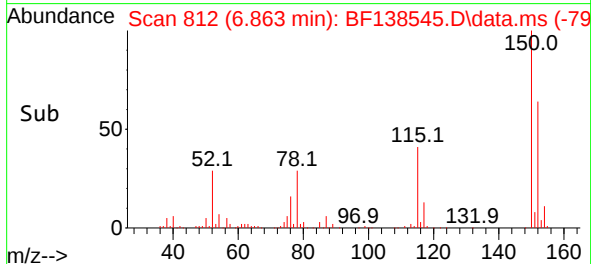
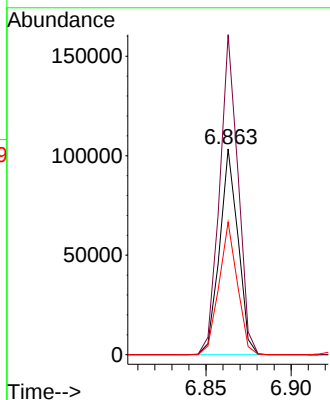
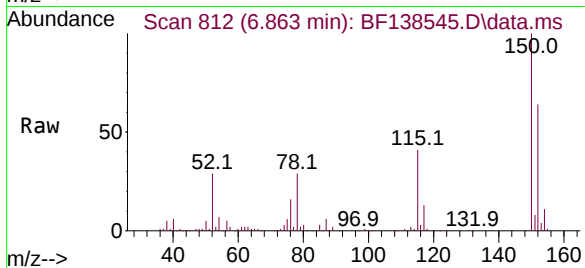




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

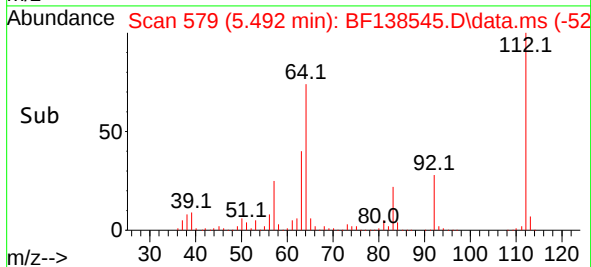
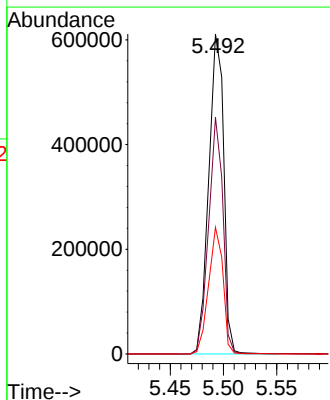
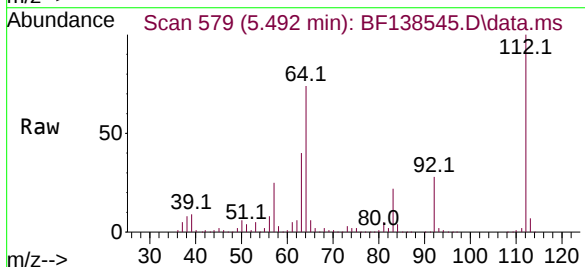
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1

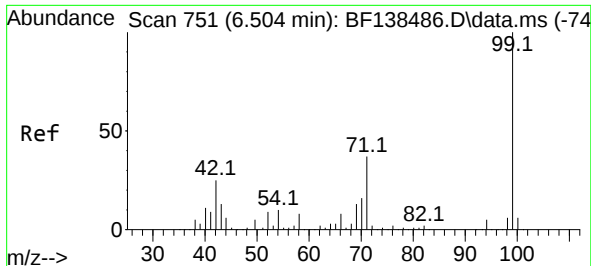
Tgt Ion:152 Resp: 78233
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.4
115 64.5 50.3 75.5



#5
2-Fluorophenol
Concen: 121.111 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

Tgt Ion:112 Resp: 598254
Ion Ratio Lower Upper
112 100
64 74.0 55.1 82.7
63 39.6 29.0 43.6

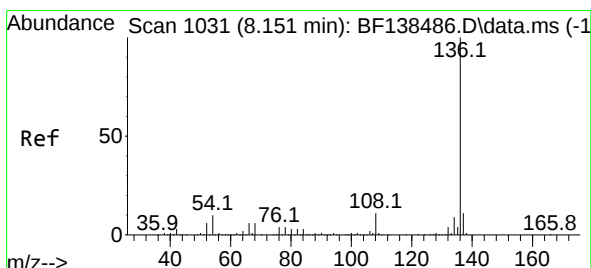
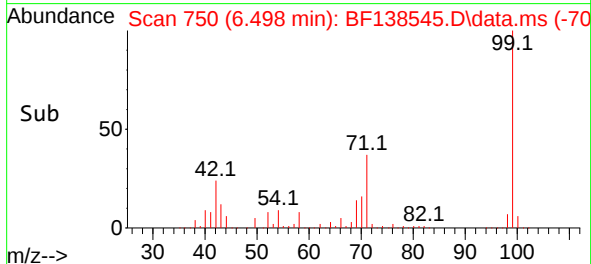
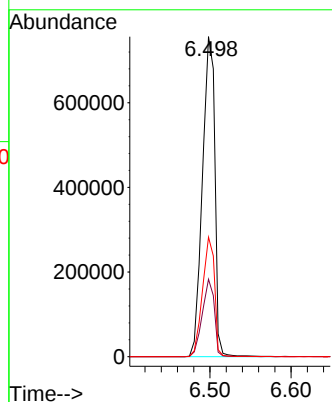
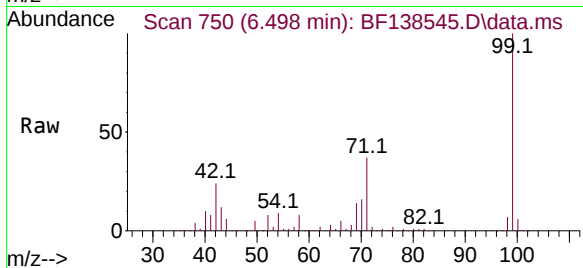




#7
Phenol-d6
Concen: 122.220 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

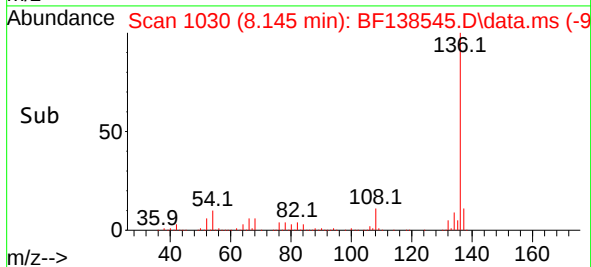
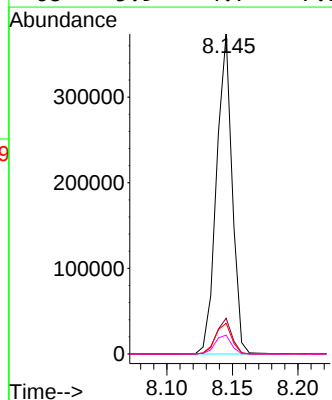
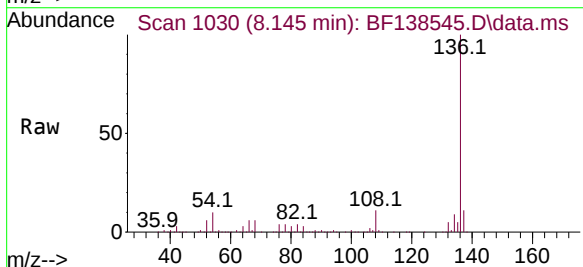
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1

Tgt Ion: 99 Resp: 803140
Ion Ratio Lower Upper
99 100
42 24.2 19.7 29.5
71 37.4 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: BF138545.D
Acq: 12 Jul 2024 14:33

Tgt Ion:136 Resp: 308778
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 9.6 8.1 12.1
68 5.9 4.7 7.1

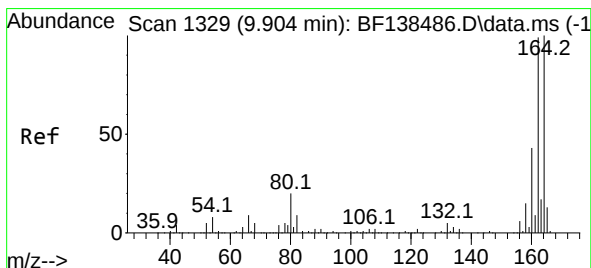
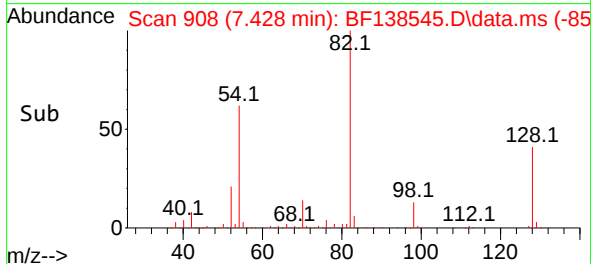
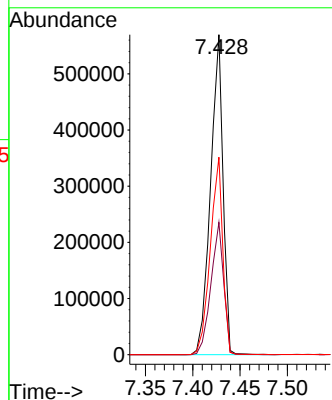
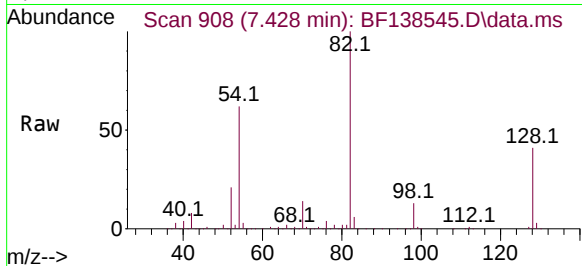




#23
Nitrobenzene-d5
Concen: 82.985 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

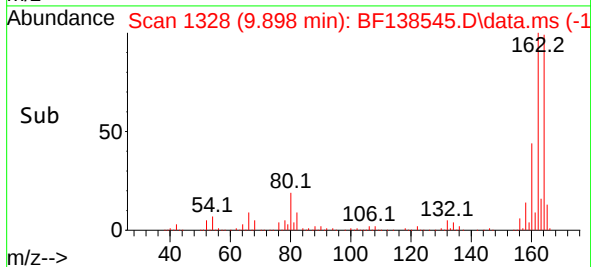
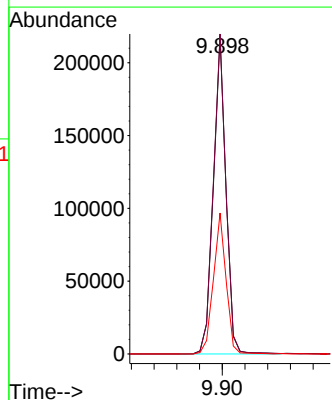
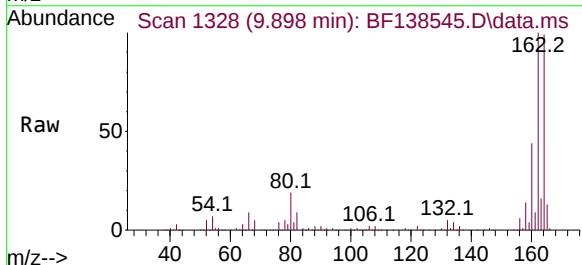
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1

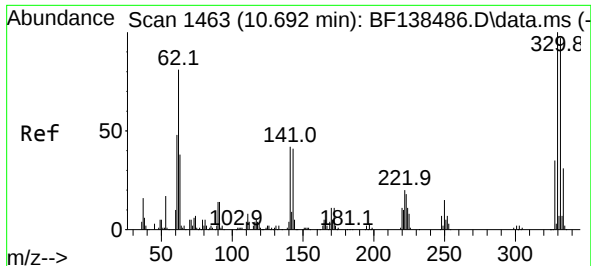
Tgt Ion: 82 Resp: 521896
Ion Ratio Lower Upper
82 100
128 41.3 32.3 48.5
54 61.7 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

Tgt Ion:164 Resp: 167443
Ion Ratio Lower Upper
164 100
162 100.7 79.0 118.6
160 44.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 120.103 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF138545.D

Acq: 12 Jul 2024 14:33

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1

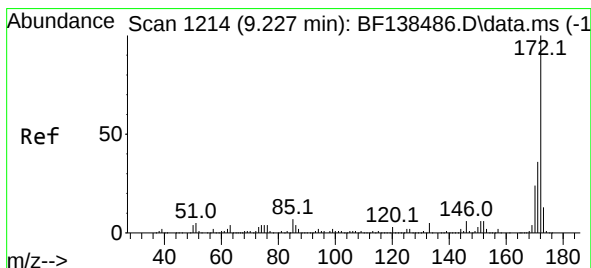
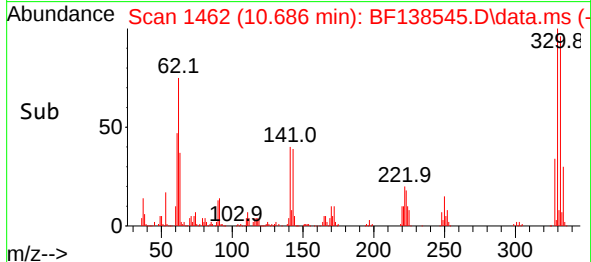
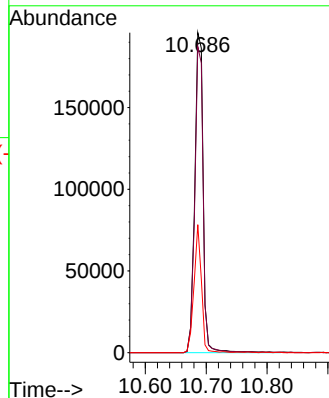
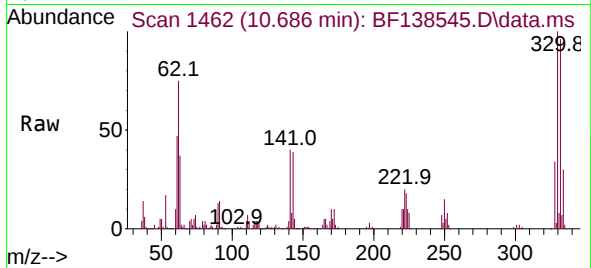
Tgt Ion:330 Resp: 187952

Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

141 35.7 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 87.737 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138545.D

Acq: 12 Jul 2024 14:33

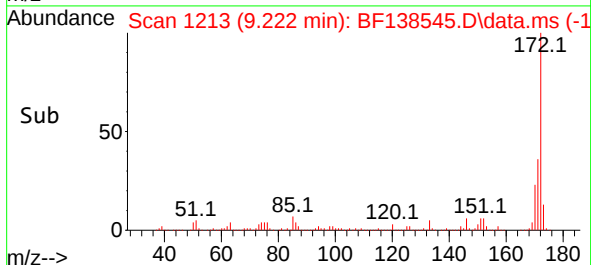
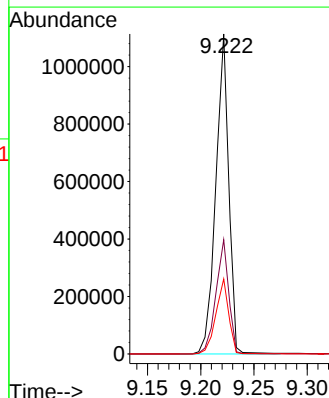
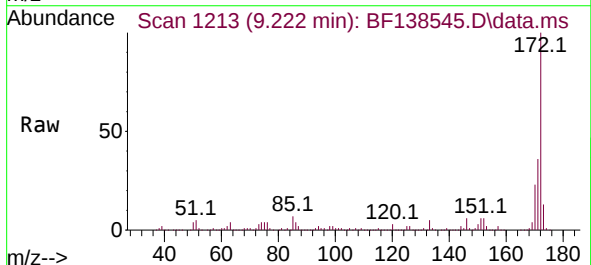
Tgt Ion:172 Resp: 939978

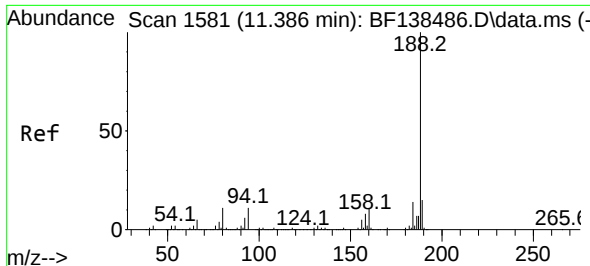
Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 23.4 18.9 28.3

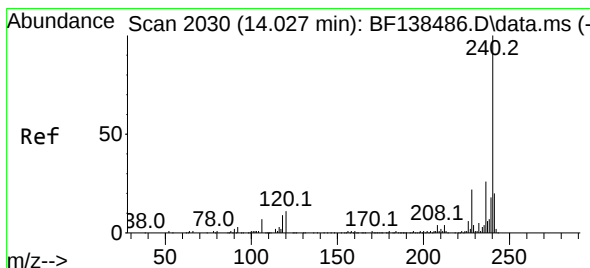
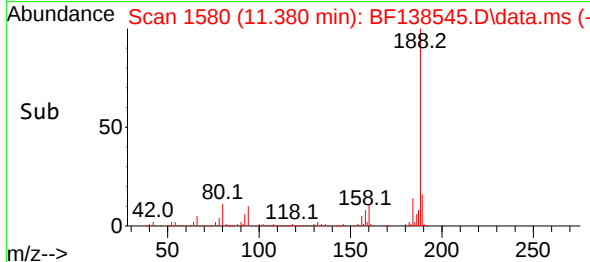
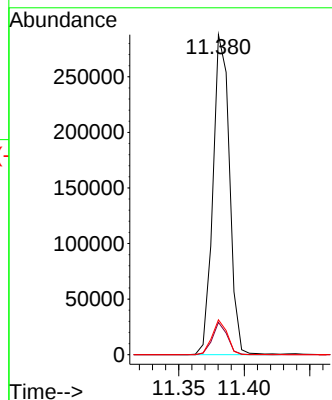
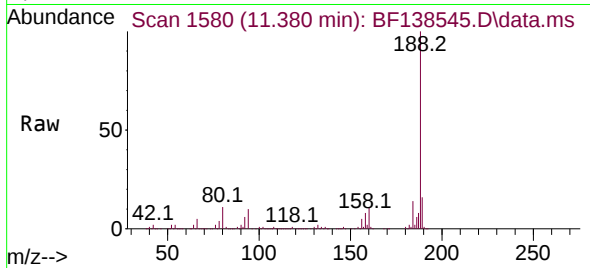




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

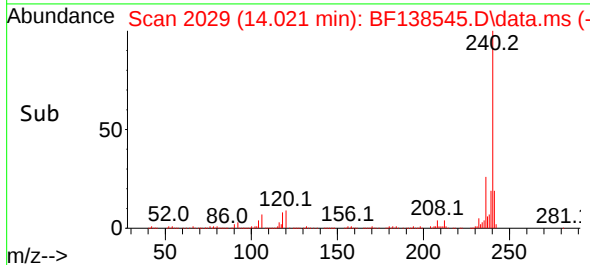
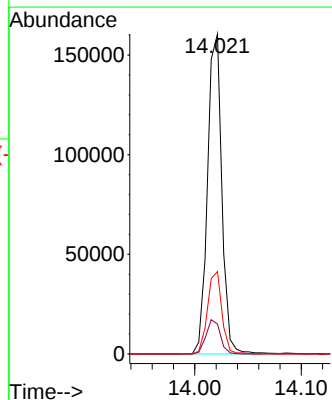
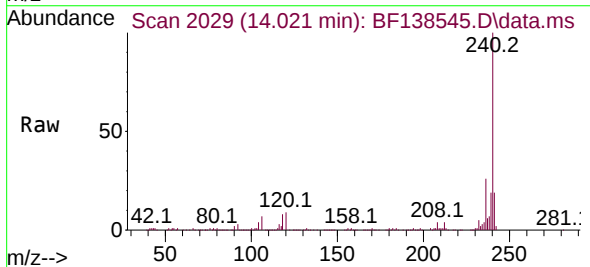
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1

Tgt Ion:188 Resp: 252116
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 10.9 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: BF138545.D
Acq: 12 Jul 2024 14:33

Tgt Ion:240 Resp: 150288
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 25.7 21.0 31.6

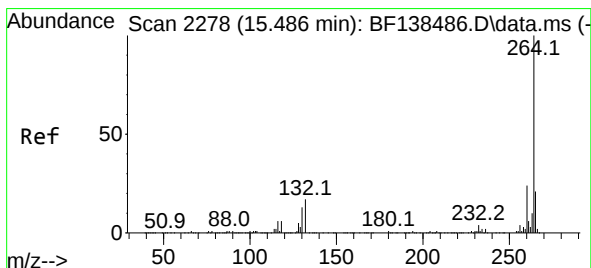
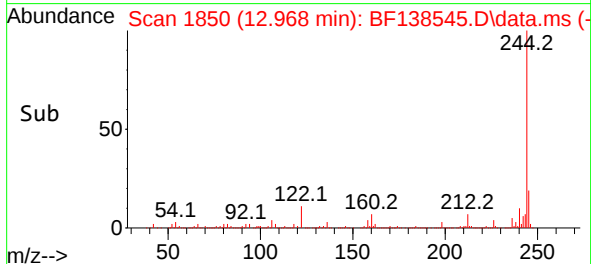
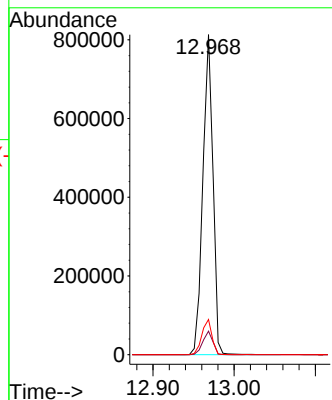
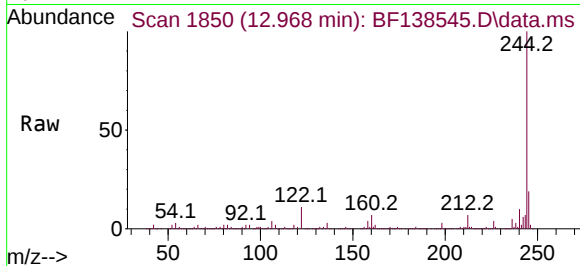




#79
 Terphenyl-d14
 Concen: 76.077 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138545.D
 Acq: 12 Jul 2024 14:33

Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1

Tgt Ion:244 Resp: 701820
 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: 15.486 min Scan# 2278
 Delta R.T. 0.000 min
 Lab File: BF138545.D
 Acq: 12 Jul 2024 14:33

Tgt Ion:264 Resp: 145482
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.1 17.0 25.4

