

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138615.D
 Acq On : 23 Jul 2024 13:25
 Operator : RC/JU
 Sample : PB162142BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162142BL

Quant Time: Jul 23 14:25:28 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	6.851	152	78531	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	322119	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	177237	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	308800	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	145501	20.000	ng	-0.02
86) Perylene-d12	15.468	264	137557	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	726410	146.497	ng	0.00
7) Phenol-d6	6.493	99	951257	144.210	ng	-0.01
23) Nitrobenzene-d5	7.416	82	643790	98.127	ng	-0.02
42) 2,4,6-Tribromophenol	10.681	330	229077	138.293	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1091264	96.229	ng	-0.02
79) Terphenyl-d14	12.963	244	1057588	118.414	ng	-0.01

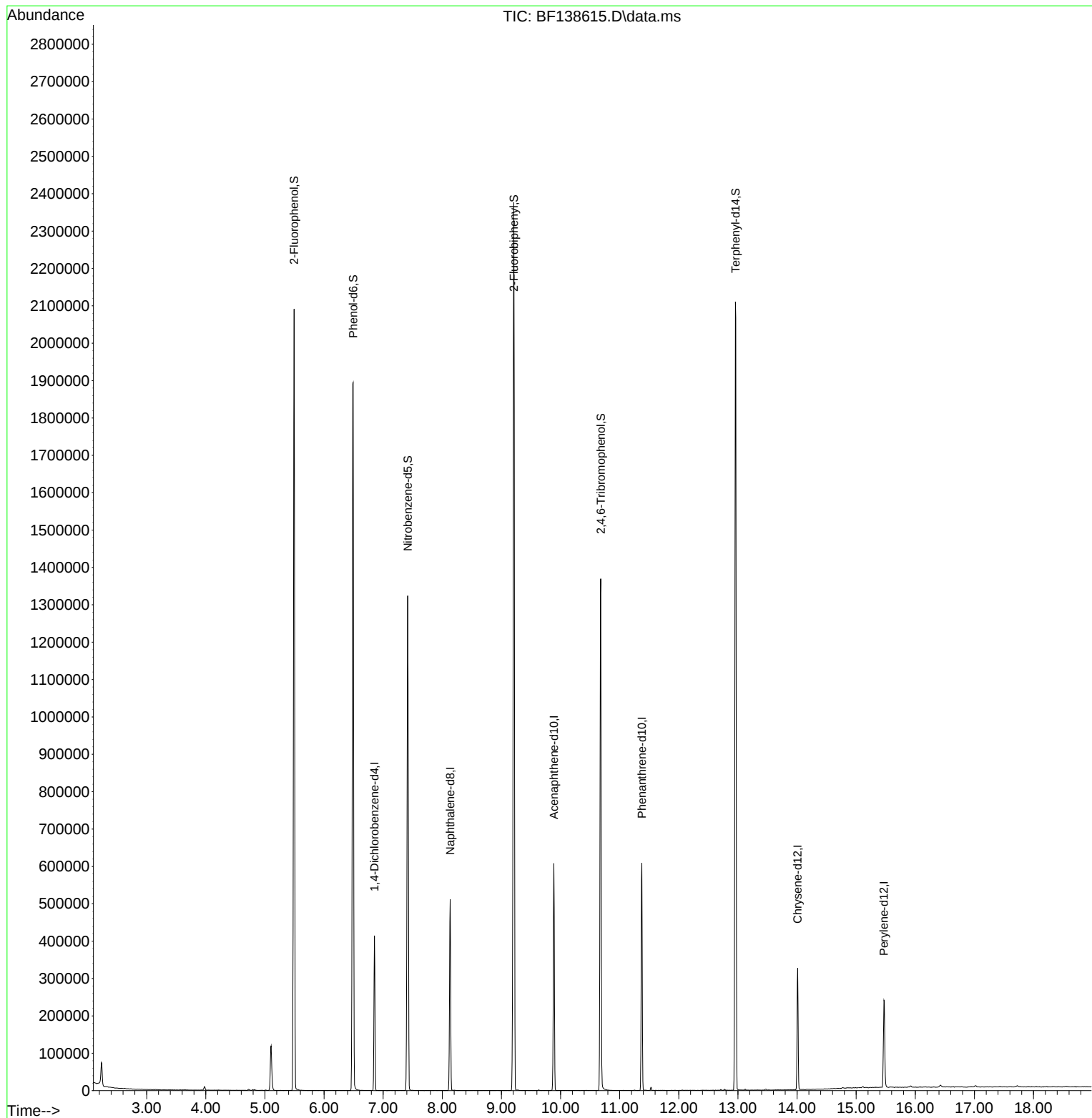
Target Compounds	Qvalue

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

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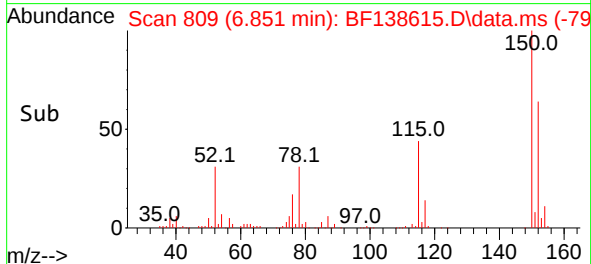
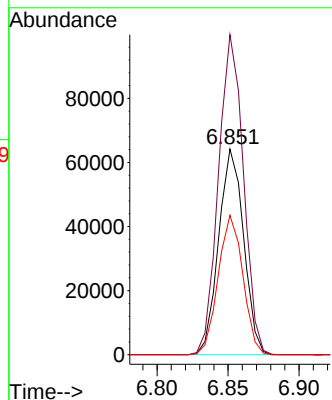
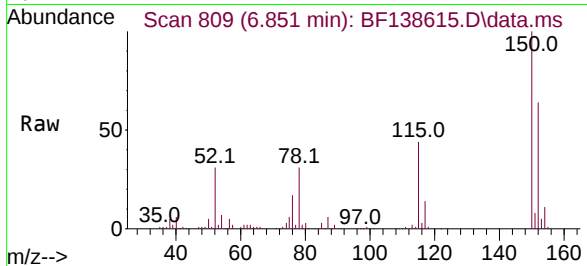




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25

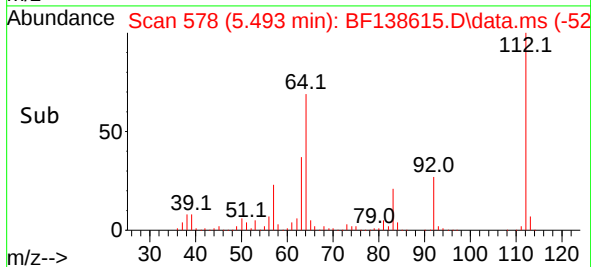
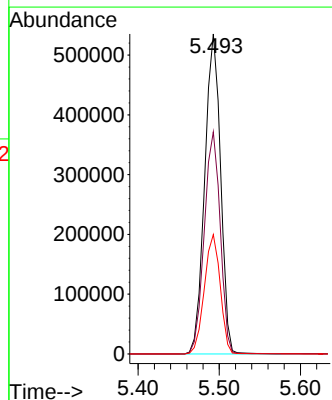
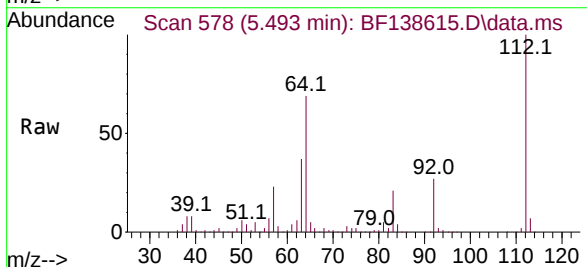
Instrument :
BNA_F
ClientSampleId :
PB162142BL

Tgt Ion:152 Resp: 78531
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.4
115 67.8 50.3 75.5



#5
2-Fluorophenol
Concen: 146.497 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25

Tgt Ion:112 Resp: 726410
Ion Ratio Lower Upper
112 100
64 69.4 55.1 82.7
63 37.3 29.0 43.6

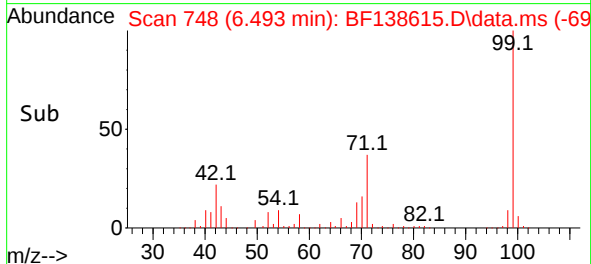
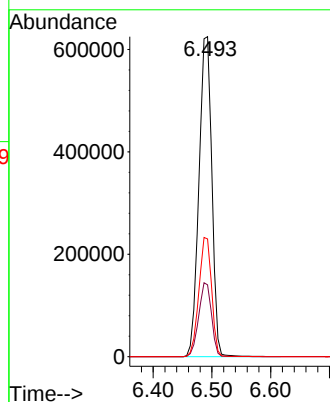
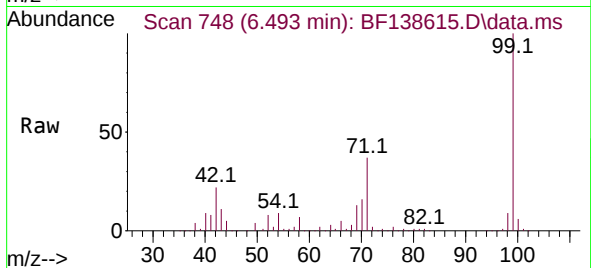




#7
Phenol-d6
Concen: 144.210 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25

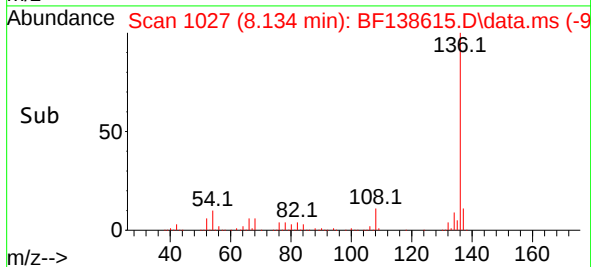
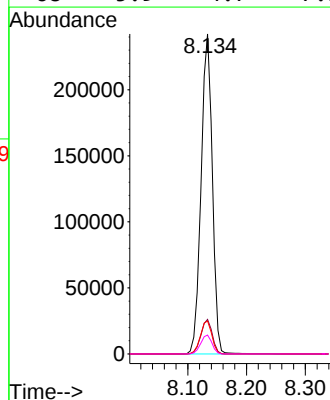
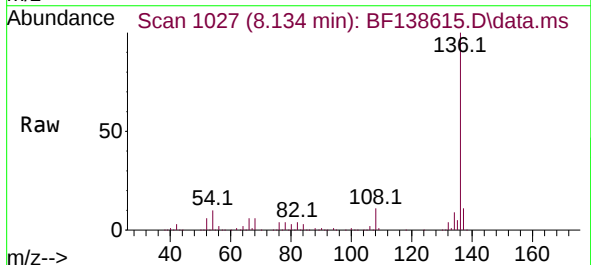
Instrument :
BNA_F
ClientSampleId :
PB162142BL

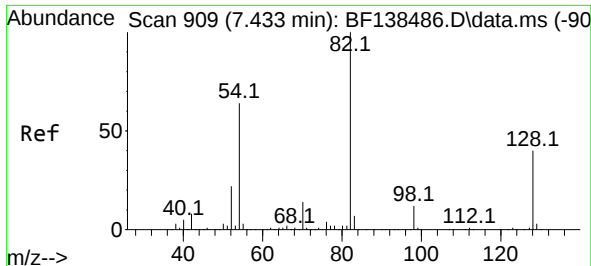
Tgt Ion: 99 Resp: 951257
Ion Ratio Lower Upper
99 100
42 22.5 19.7 29.5
71 36.8 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. -0.017 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25

Tgt Ion:136 Resp: 322119
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.3 8.1 12.1
68 5.9 4.7 7.1

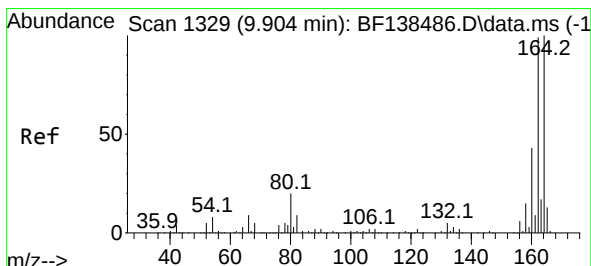
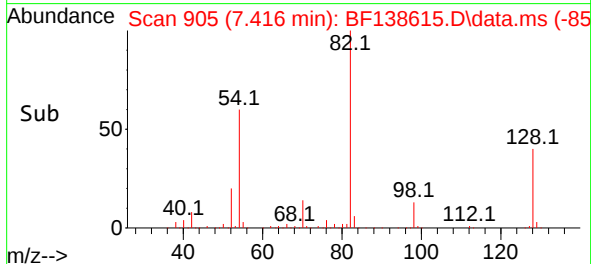
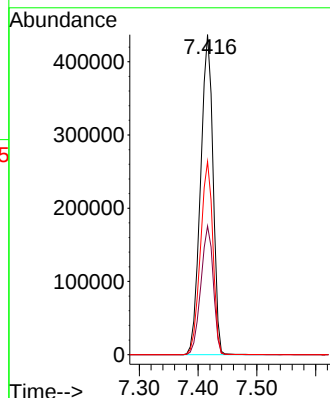
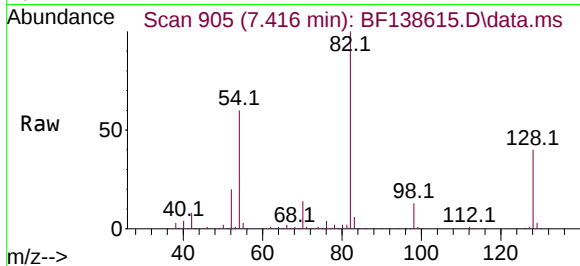




#23
 Nitrobenzene-d5
 Concen: 98.127 ng
 RT: 7.416 min Scan# 909
 Delta R.T. -0.017 min
 Lab File: BF138615.D
 Acq: 23 Jul 2024 13:25

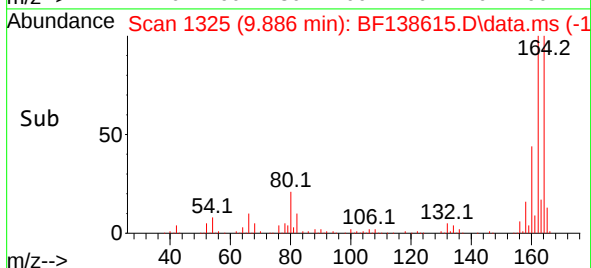
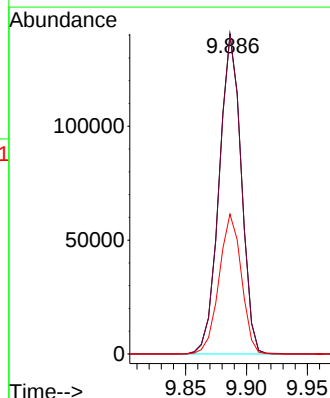
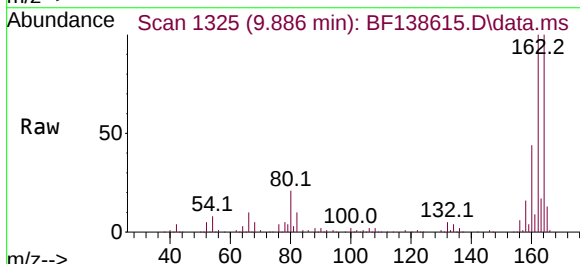
Instrument :
 BNA_F
 ClientSampleId :
 PB162142BL

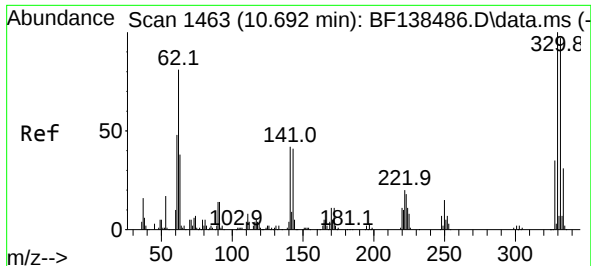
Tgt Ion: 82 Resp: 643790
 Ion Ratio Lower Upper
 82 100
 128 40.2 32.3 48.5
 54 60.4 51.4 77.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1325
 Delta R.T. -0.017 min
 Lab File: BF138615.D
 Acq: 23 Jul 2024 13:25

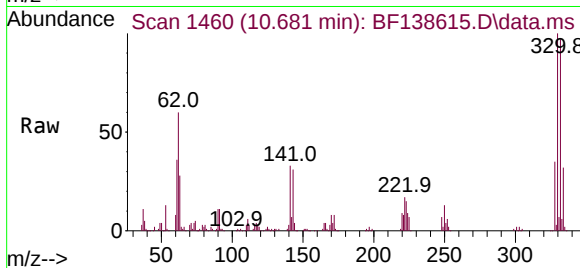
Tgt Ion:164 Resp: 177237
 Ion Ratio Lower Upper
 164 100
 162 99.6 79.0 118.6
 160 43.7 34.4 51.6



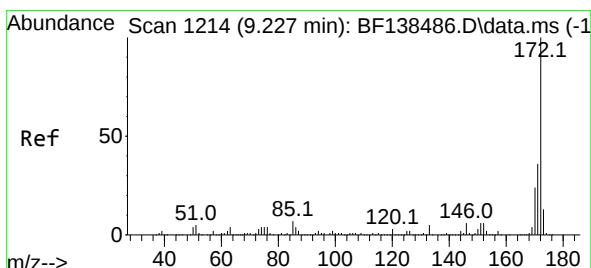
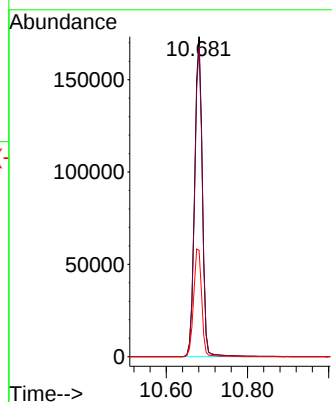
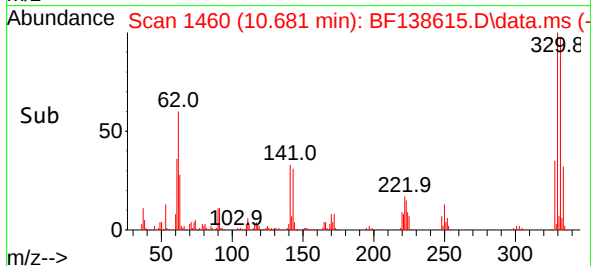


#42
2,4,6-Tribromophenol
Concen: 138.293 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25

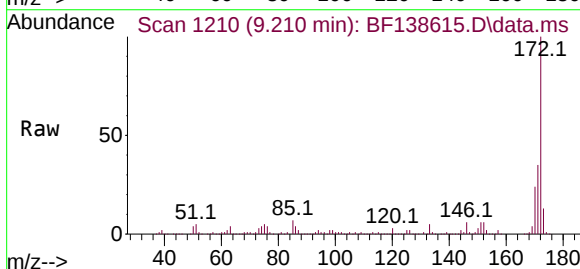
Instrument :
BNA_F
ClientSampleId :
PB162142BL



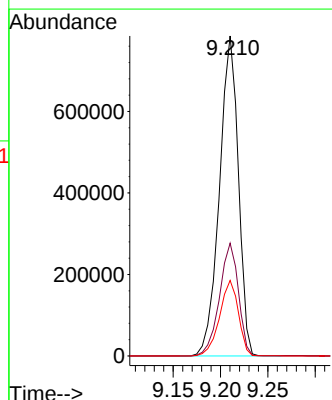
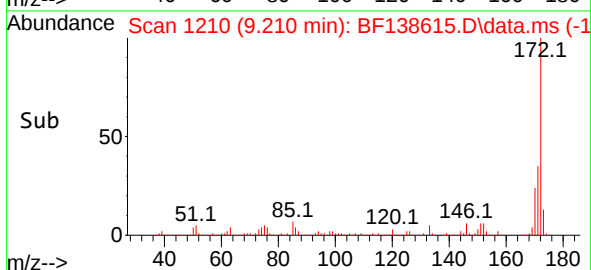
Tgt Ion:330 Resp: 229077
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 35.0 29.4 44.2

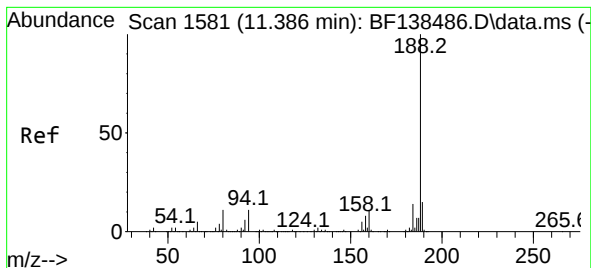


#45
2-Fluorobiphenyl
Concen: 96.229 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.017 min
Lab File: BF138615.D
Acq: 23 Jul 2024 13:25



Tgt Ion:172 Resp: 1091264
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138615.D

Acq: 23 Jul 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162142BL

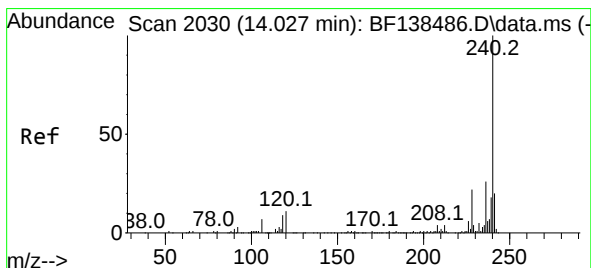
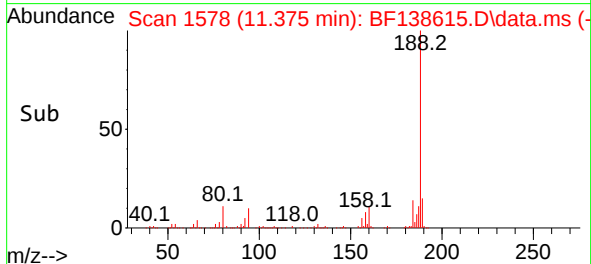
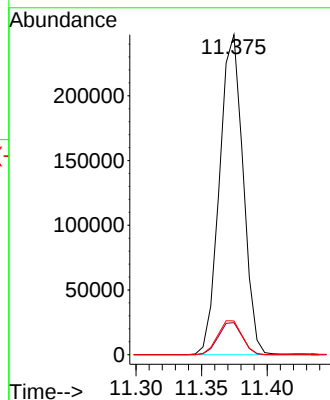
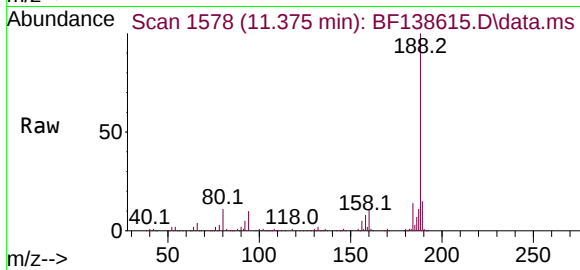
Tgt Ion:188 Resp: 308800

Ion Ratio Lower Upper

188 100

94 10.0 8.7 13.1

80 10.5 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.017 min

Lab File: BF138615.D

Acq: 23 Jul 2024 13:25

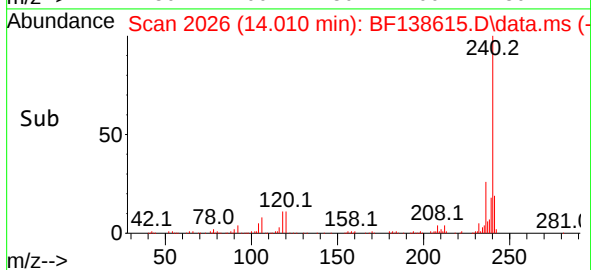
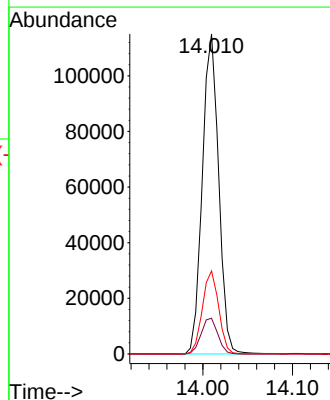
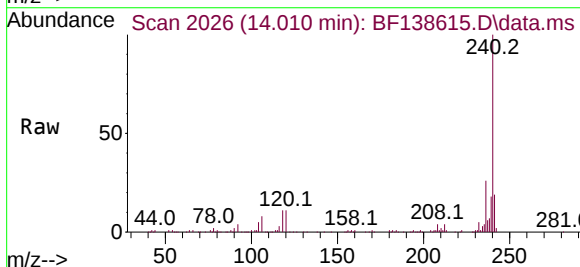
Tgt Ion:240 Resp: 145501

Ion Ratio Lower Upper

240 100

120 11.1 8.6 12.8

236 26.0 21.0 31.6

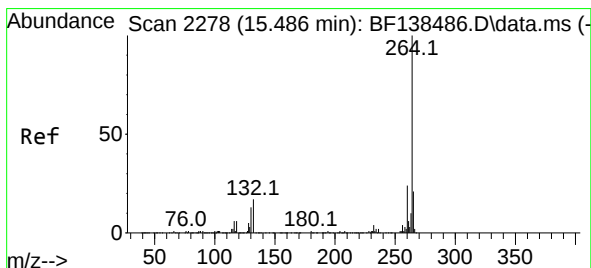
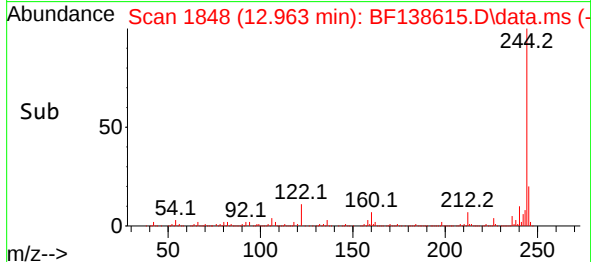
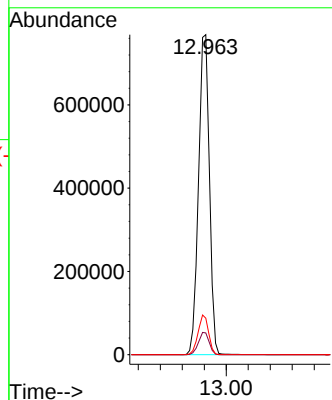
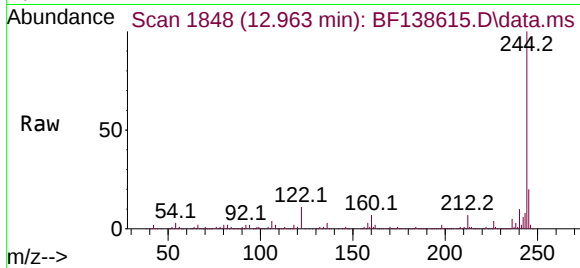




#79
 Terphenyl-d14
 Concen: 118.414 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF138615.D
 Acq: 23 Jul 2024 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB162142BL

Tgt Ion:244 Resp: 1057588
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.017 min
 Lab File: BF138615.D
 Acq: 23 Jul 2024 13:25

Tgt Ion:264 Resp: 137557
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.0 17.0 25.4

