

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131653.D
 Acq On : 15 Dec 2022 17:19
 Operator : CG\JU
 Sample : N6038-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-35-(5-7)

Quant Time: Dec 16 01:52:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	62236	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	226214	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	132466	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	257273	20.000	ng	0.00
76) Chrysene-d12	14.074	240	139993	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	133968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	133730	35.847	ng	0.00
7) Phenol-d6	6.504	99	282255	57.737	ng	-0.01
23) Nitrobenzene-d5	7.445	82	259113	43.305	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	17871	12.143	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	450282	42.860	ng	0.00
79) Terphenyl-d14	13.016	244	503931	49.366	ng	0.00

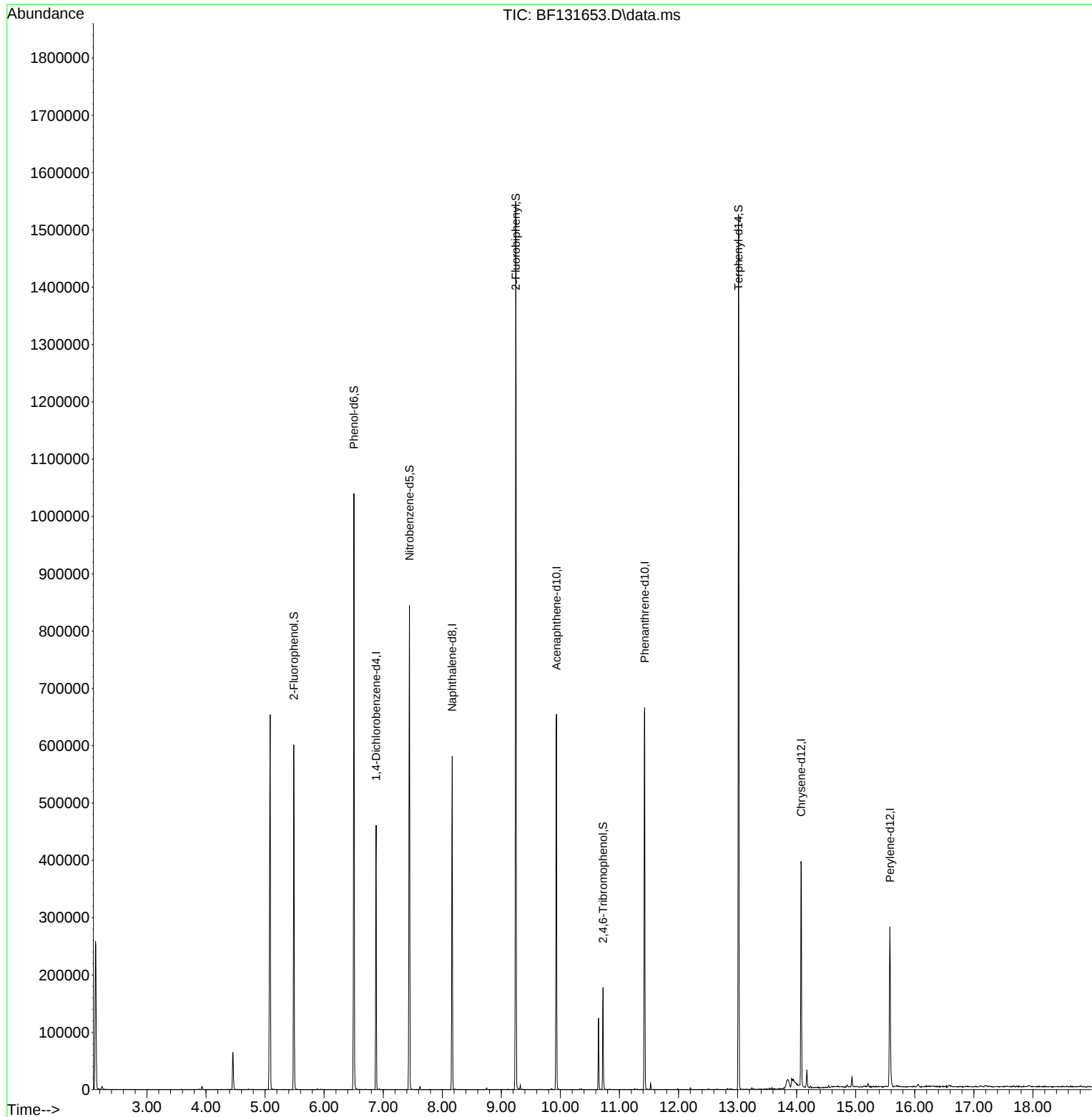
Target Compounds	Qvalue

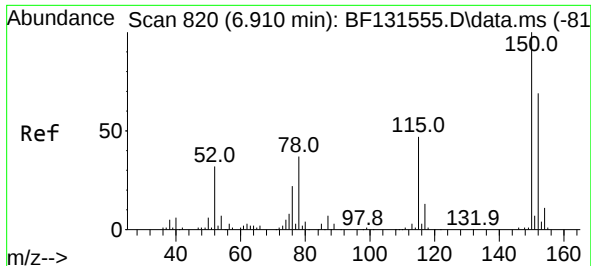
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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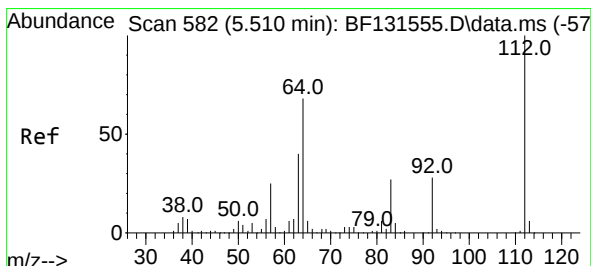
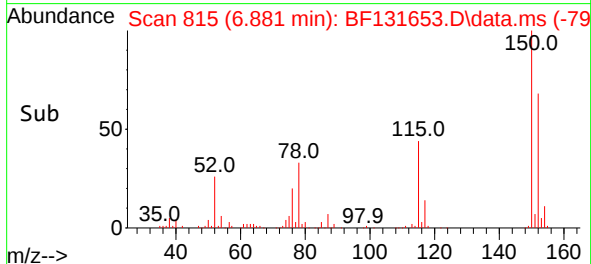
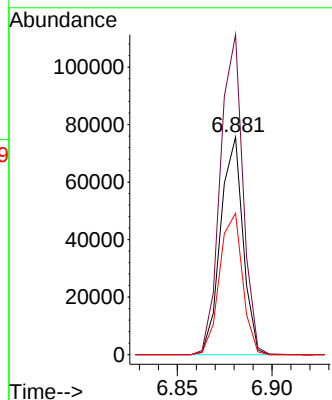
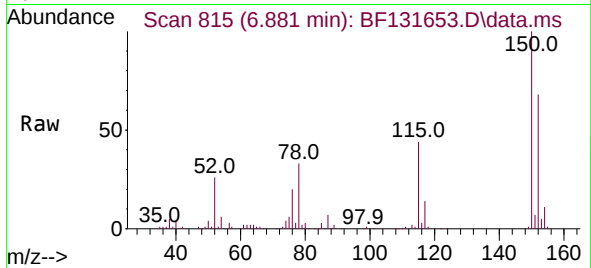




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

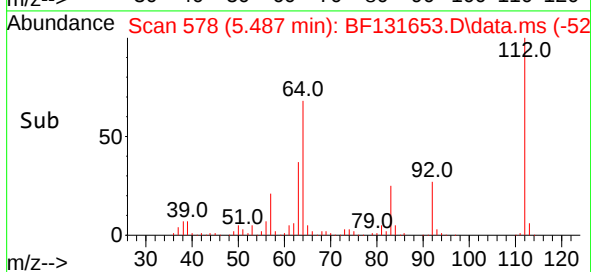
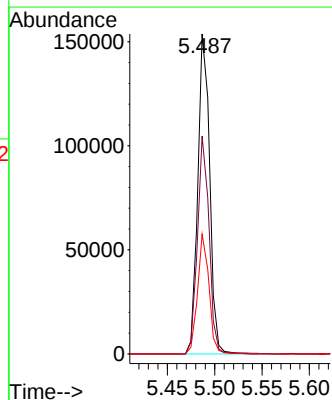
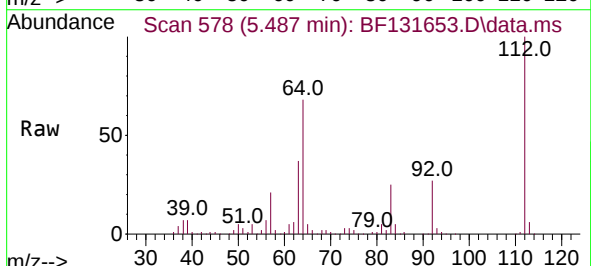
Instrument :
BNA_F
ClientSampleId :
RB-35-(5-7)

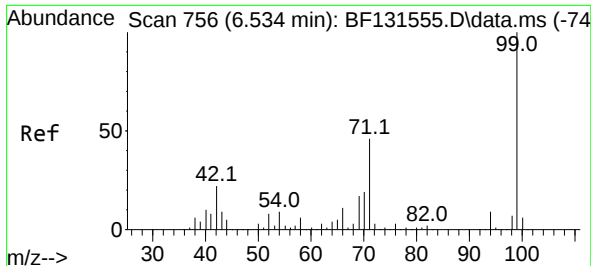
Tgt Ion:152 Resp: 62236
Ion Ratio Lower Upper
152 100
150 147.1 116.7 175.1
115 65.0 54.6 82.0



#5
2-Fluorophenol
Concen: 35.847 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

Tgt Ion:112 Resp: 133730
Ion Ratio Lower Upper
112 100
64 68.0 54.5 81.7
63 37.4 31.9 47.9

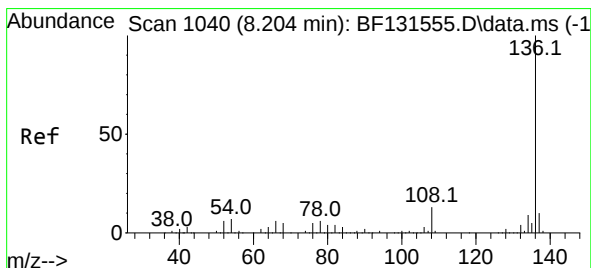
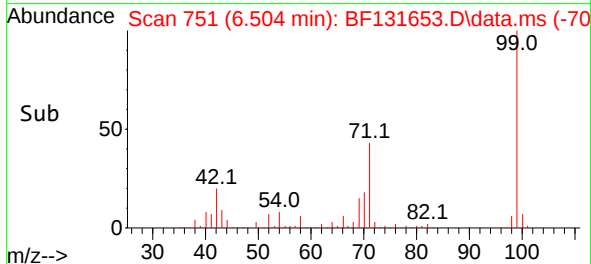
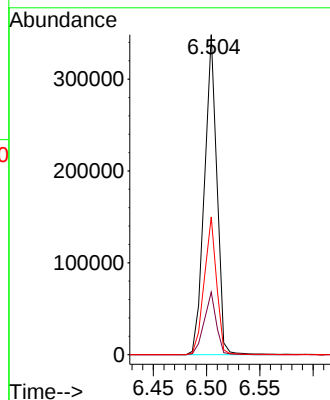
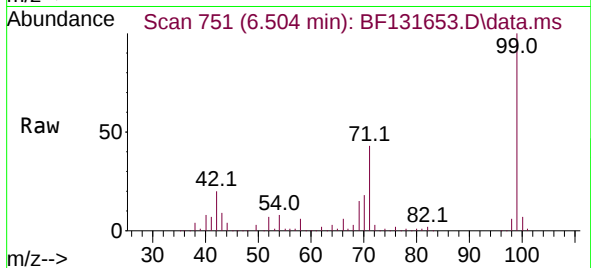




#7
Phenol-d6
Concen: 57.737 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

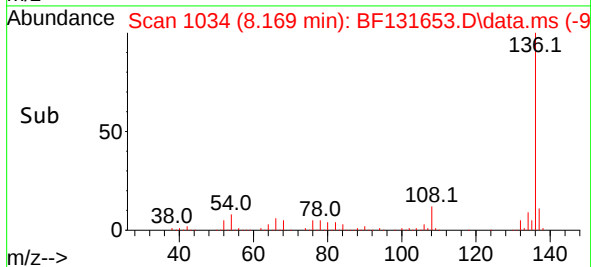
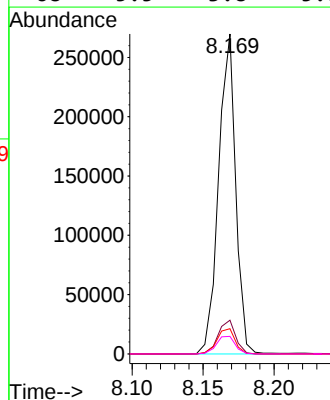
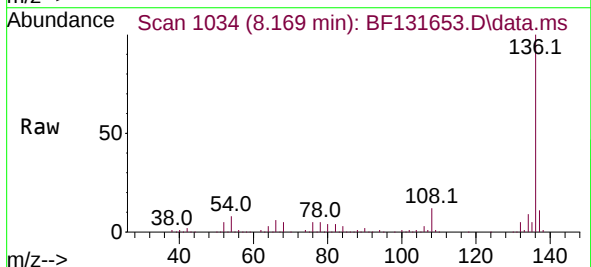
Instrument :
BNA_F
ClientSampleId :
RB-35-(5-7)

Tgt Ion: 99 Resp: 282255
Ion Ratio Lower Upper
99 100
42 19.6 17.9 26.9
71 43.0 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131653.D
Acq: 15 Dec 2022 17:19

Tgt Ion: 136 Resp: 226214
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 7.9 6.0 9.0
68 5.5 3.8 5.8

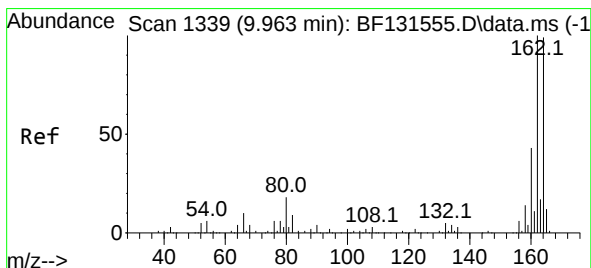
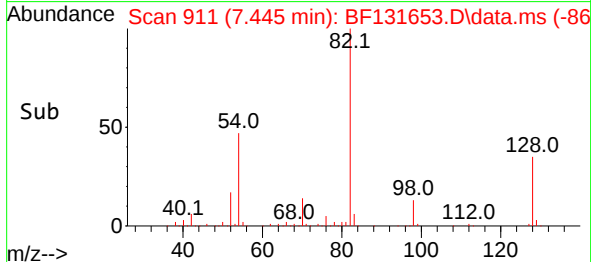
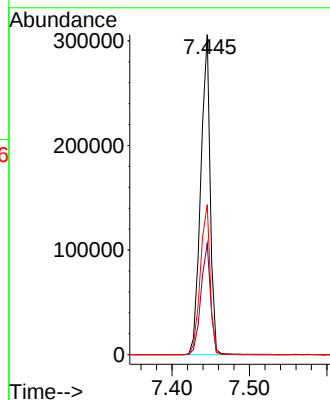
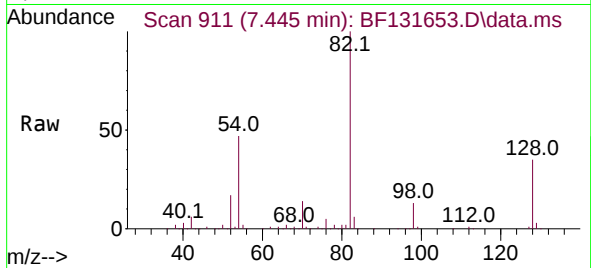




#23
 Nitrobenzene-d5
 Concen: 43.305 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF131653.D
 Acq: 15 Dec 2022 17:19

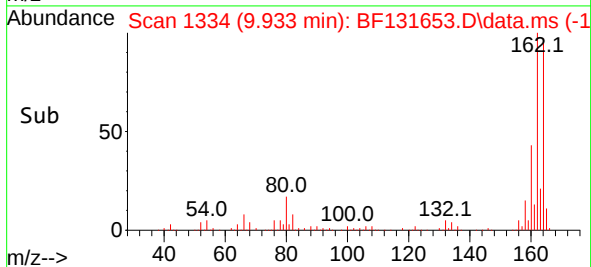
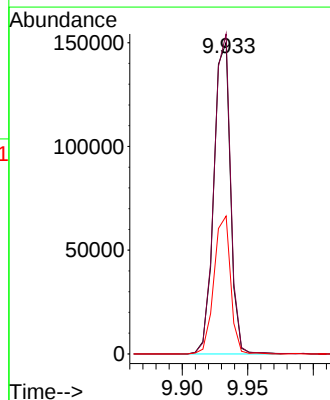
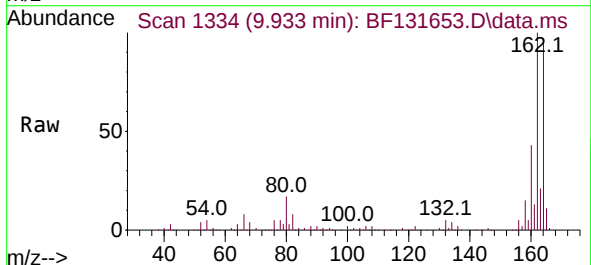
Instrument :
 BNA_F
 ClientSampleId :
 RB-35-(5-7)

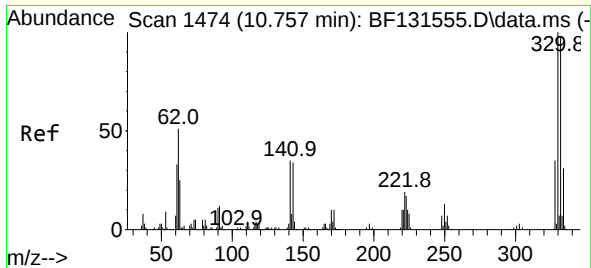
Tgt Ion: 82 Resp: 259113
 Ion Ratio Lower Upper
 82 100
 128 34.7 26.1 39.1
 54 46.9 40.6 60.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.933 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: BF131653.D
 Acq: 15 Dec 2022 17:19

Tgt Ion:164 Resp: 132466
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.0 121.6
 160 44.3 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 12.143 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.012 min

Lab File: BF131653.D

Acq: 15 Dec 2022 17:19

Instrument :

BNA_F

ClientSampleId :

RB-35-(5-7)

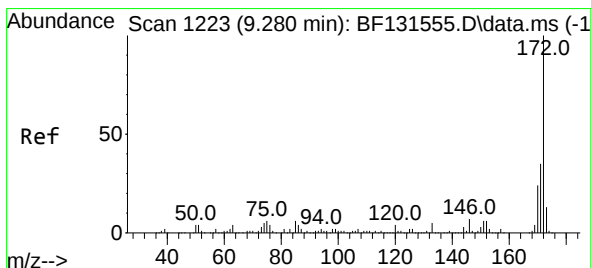
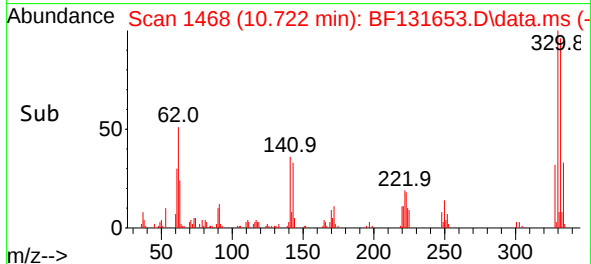
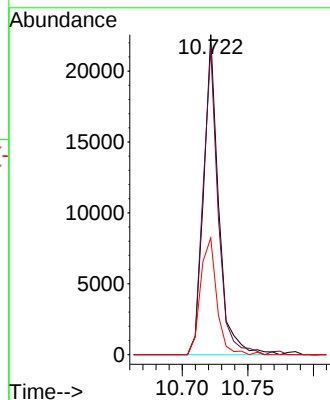
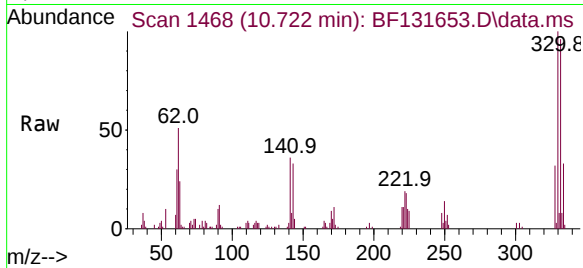
Tgt Ion:330 Resp: 17871

Ion Ratio Lower Upper

330 100

332 95.5 78.3 117.5

141 39.5 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 42.860 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF131653.D

Acq: 15 Dec 2022 17:19

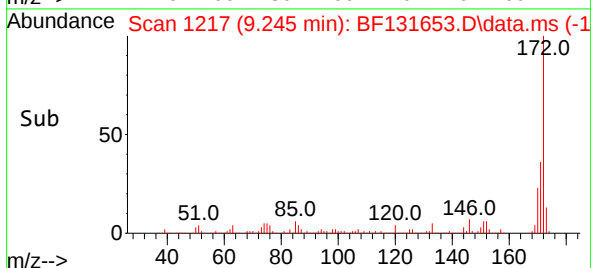
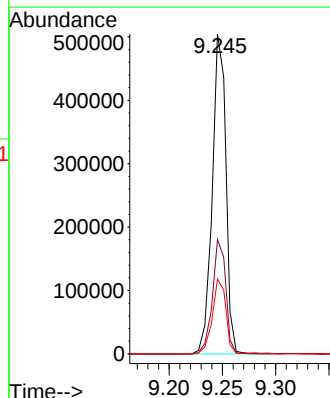
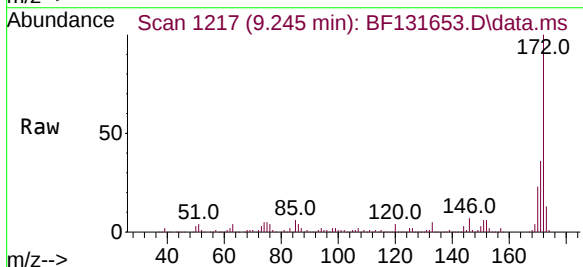
Tgt Ion:172 Resp: 450282

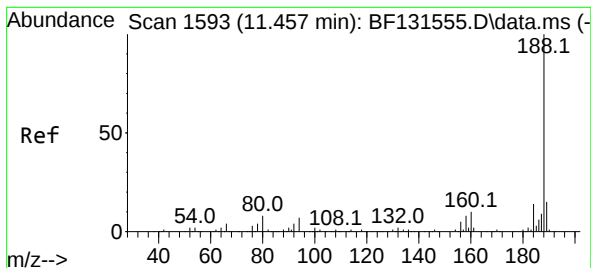
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.4 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131653.D

Acq: 15 Dec 2022 17:19

Instrument :

BNA_F

ClientSampleId :

RB-35-(5-7)

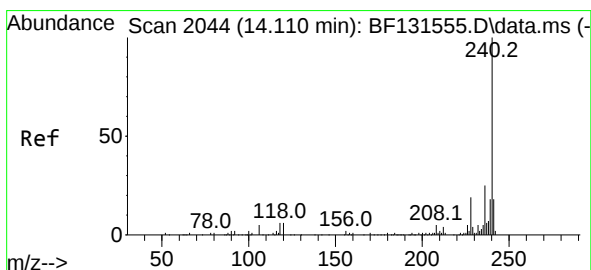
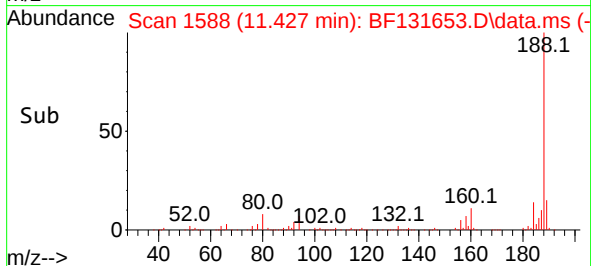
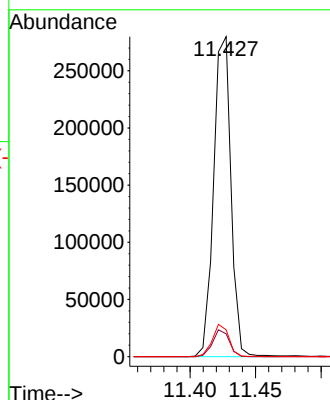
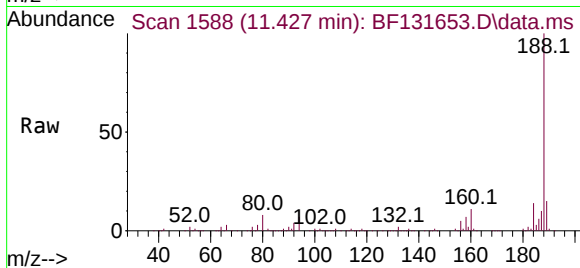
Tgt Ion:188 Resp: 257273

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

80 8.4 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF131653.D

Acq: 15 Dec 2022 17:19

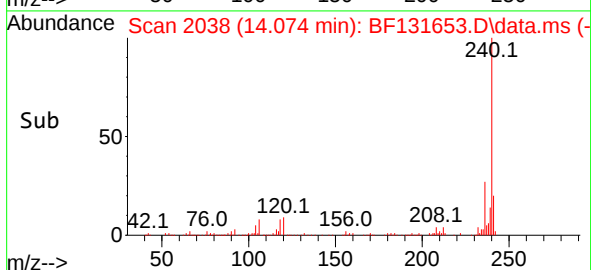
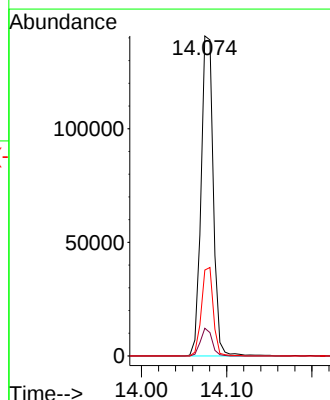
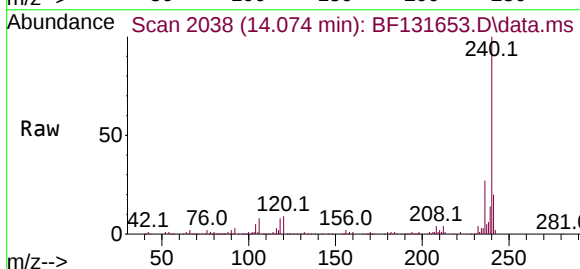
Tgt Ion:240 Resp: 139993

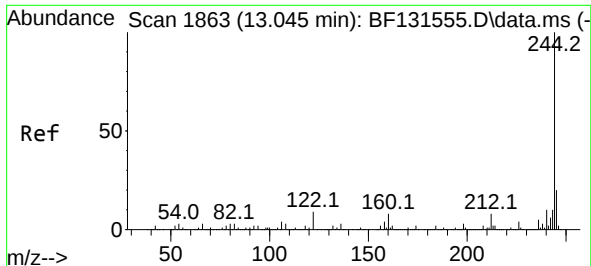
Ion Ratio Lower Upper

240 100

120 8.6 4.6 7.0#

236 26.8 20.2 30.2

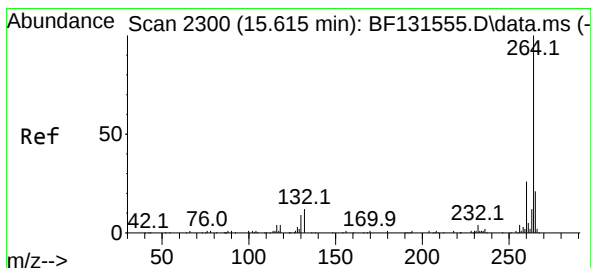
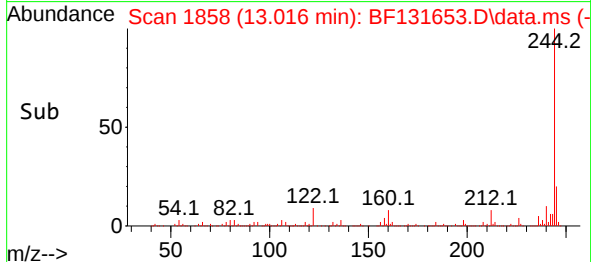
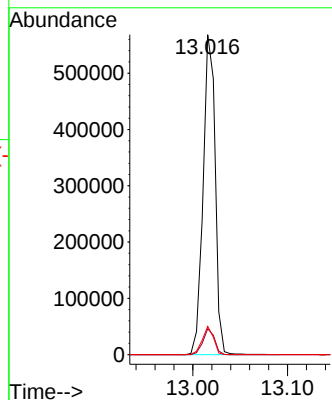
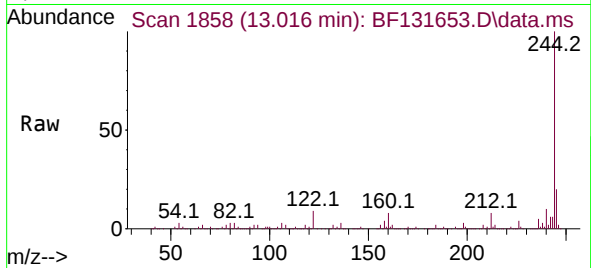




#79
 Terphenyl-d14
 Concen: 49.366 ng
 RT: 13.016 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: BF131653.D
 Acq: 15 Dec 2022 17:19

Instrument :
 BNA_F
 ClientSampleId :
 RB-35-(5-7)

Tgt Ion:244 Resp: 503931
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 8.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.000 min
 Lab File: BF131653.D
 Acq: 15 Dec 2022 17:19

Tgt Ion:264 Resp: 133968
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.6 30.8
 265 20.3 16.8 25.2

