

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131652.D
 Acq On : 15 Dec 2022 16:47
 Operator : CG\JU
 Sample : N6038-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-35-(2.5-4.5)

Quant Time: Dec 16 01:52:27 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	60904	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	221275	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	129610	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	257243	20.000	ng	0.00
76) Chrysene-d12	14.074	240	141277	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	131765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	482405	132.141	ng	0.00
7) Phenol-d6	6.510	99	632724	132.259	ng	0.00
23) Nitrobenzene-d5	7.445	82	437191	74.698	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	180629	125.436	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	726298	70.656	ng	0.00
79) Terphenyl-d14	13.022	244	809499	78.580	ng	0.00

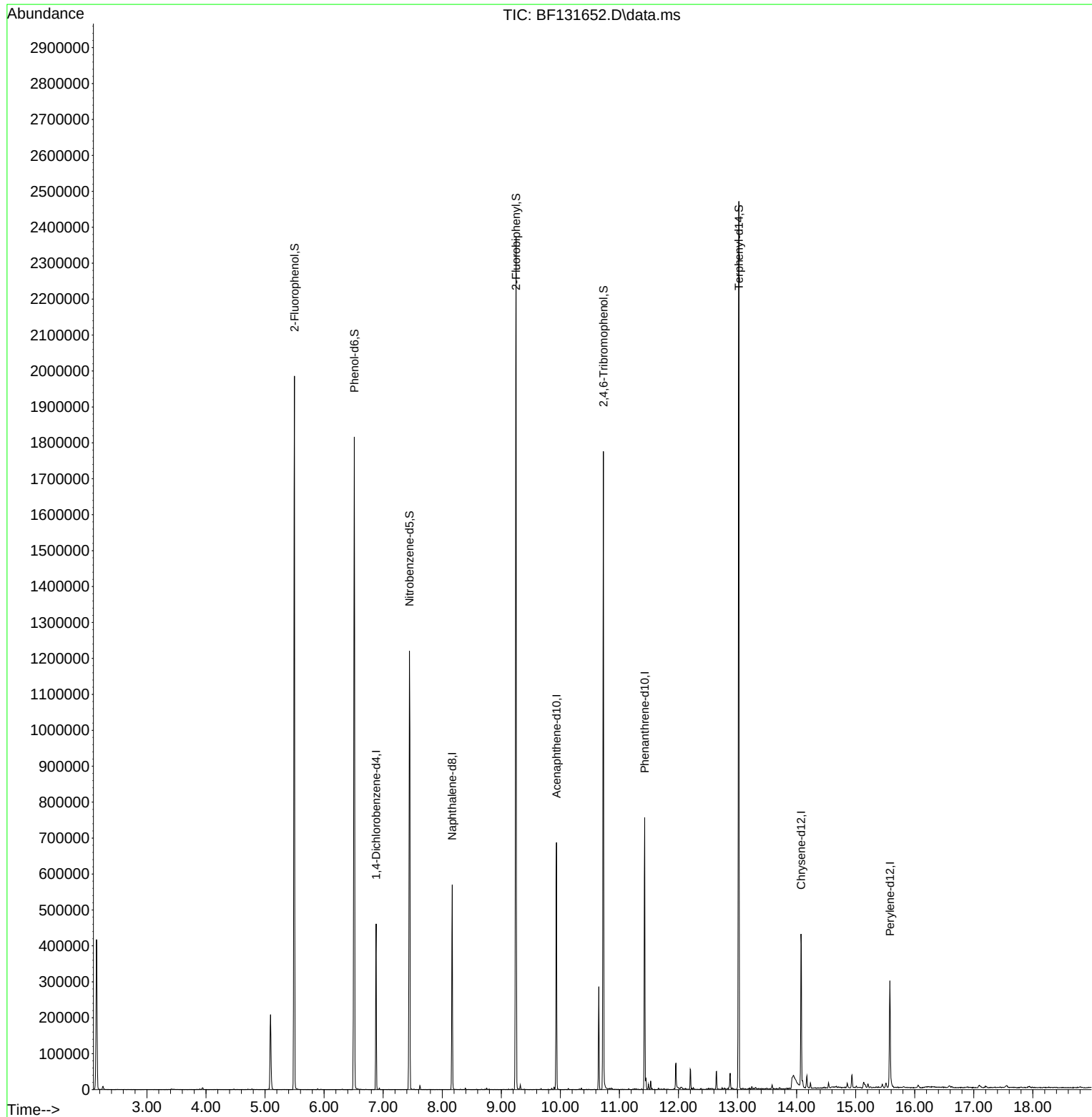
Target Compounds Qvalue

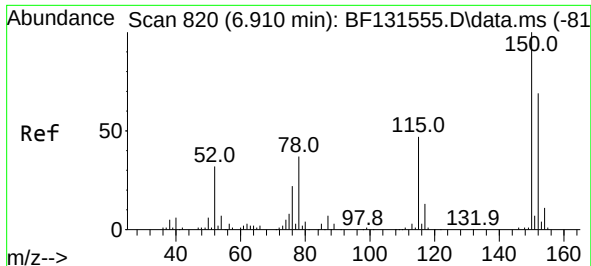
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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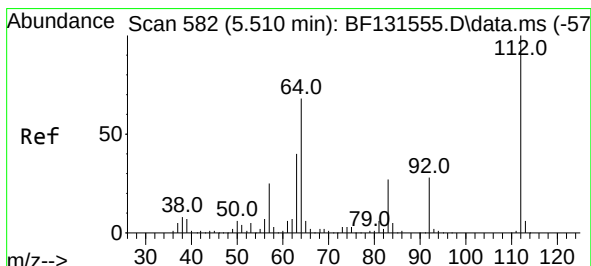
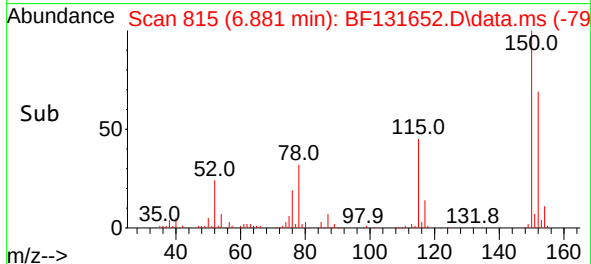
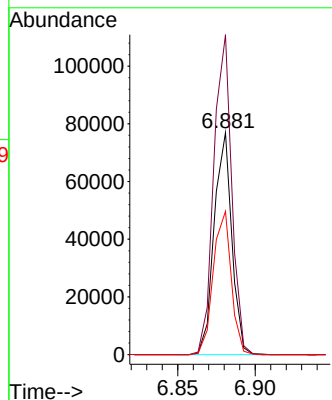
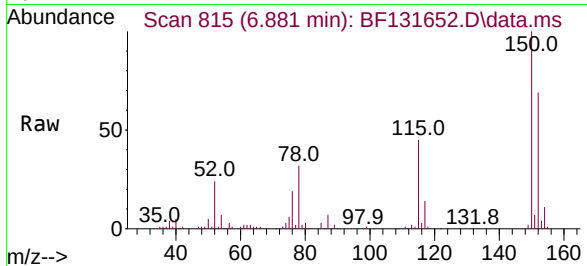




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

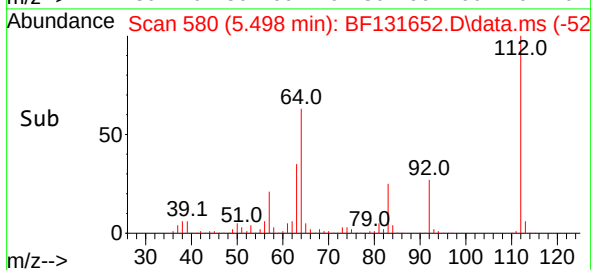
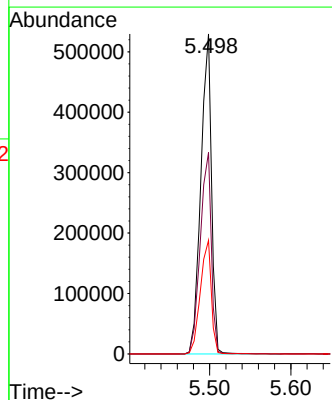
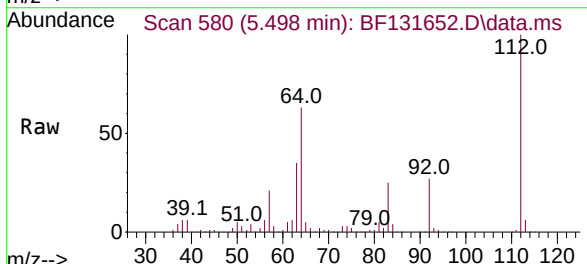
Instrument :
BNA_F
ClientSampleId :
RB-35-(2.5-4.5)

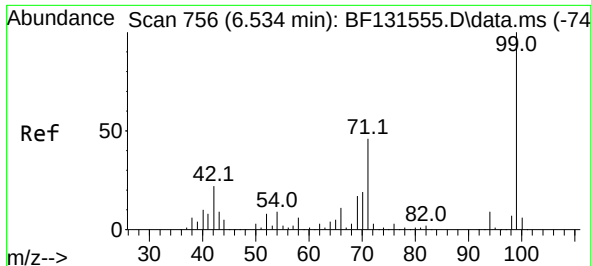
Tgt Ion:152 Resp: 60904
Ion Ratio Lower Upper
152 100
150 144.1 116.7 175.1
115 64.5 54.6 82.0



#5
2-Fluorophenol
Concen: 132.141 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

Tgt Ion:112 Resp: 482405
Ion Ratio Lower Upper
112 100
64 62.9 54.5 81.7
63 35.5 31.9 47.9

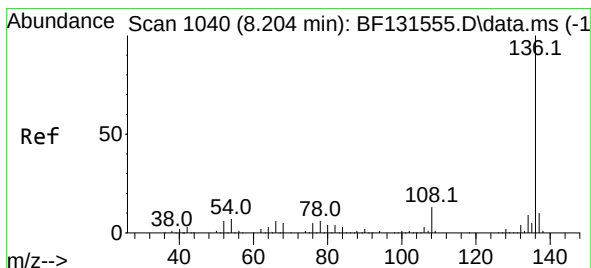
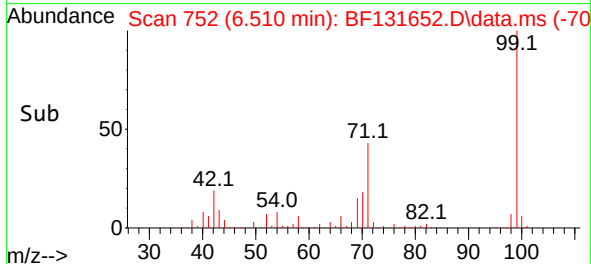
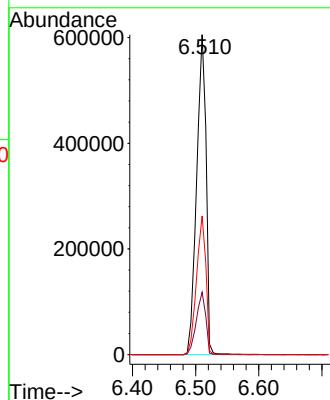
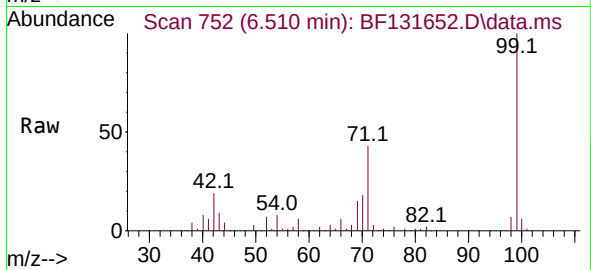




#7
Phenol-d6
Concen: 132.259 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

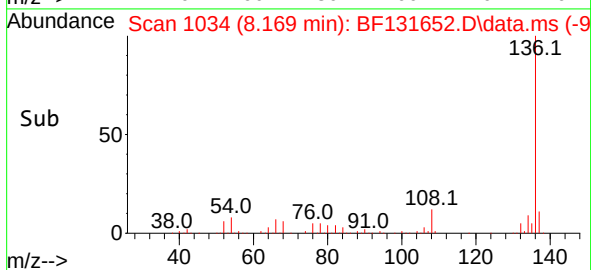
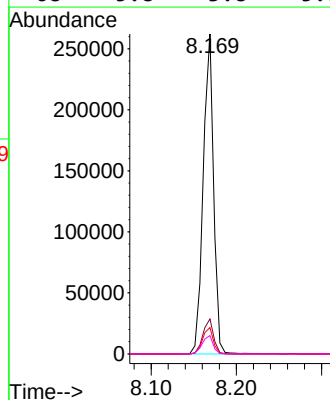
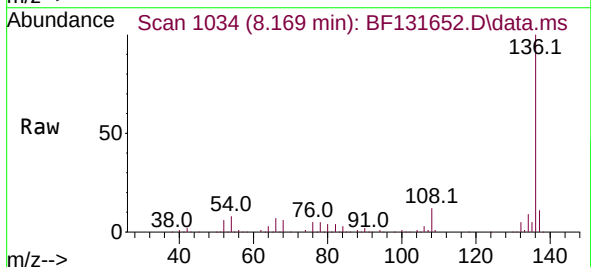
Instrument :
BNA_F
ClientSampleId :
RB-35-(2.5-4.5)

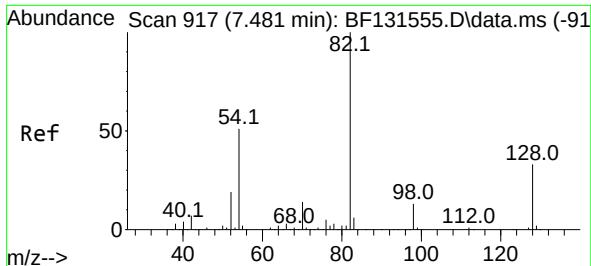
Tgt Ion: 99 Resp: 632724
Ion Ratio Lower Upper
99 100
42 19.5 17.9 26.9
71 43.3 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

Tgt Ion: 136 Resp: 221275
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 8.2 6.0 9.0
68 5.8 3.8 5.8





#23

Nitrobenzene-d5

Concen: 74.698 ng

RT: 7.445 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131652.D

Acq: 15 Dec 2022 16:47

Instrument :

BNA_F

ClientSampleId :

RB-35-(2.5-4.5)

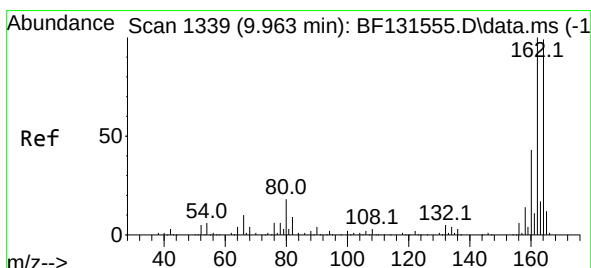
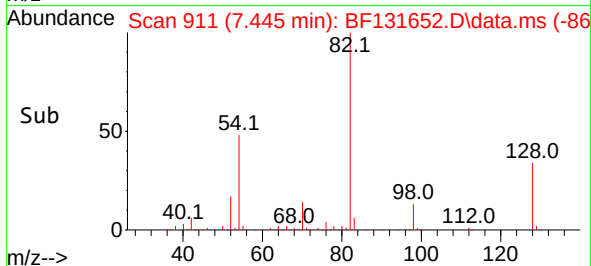
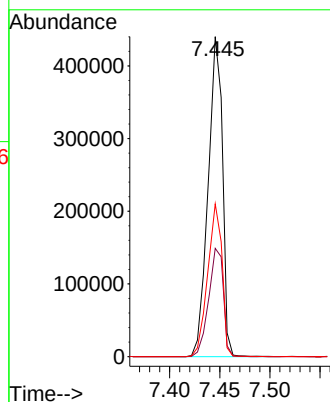
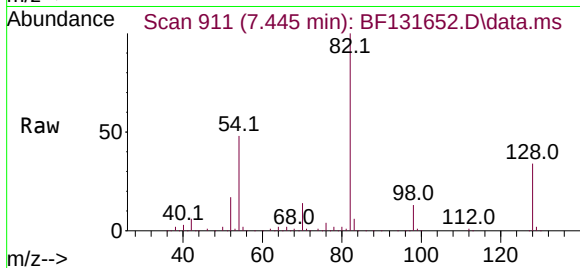
Tgt Ion: 82 Resp: 437191

Ion Ratio Lower Upper

82 100

128 33.8 26.1 39.1

54 47.7 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131652.D

Acq: 15 Dec 2022 16:47

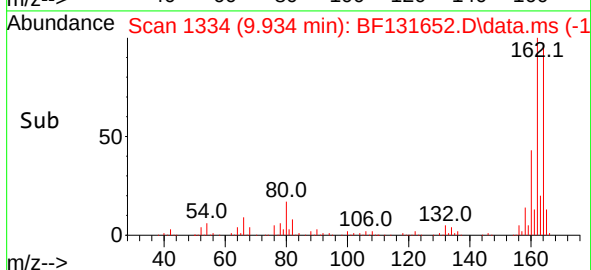
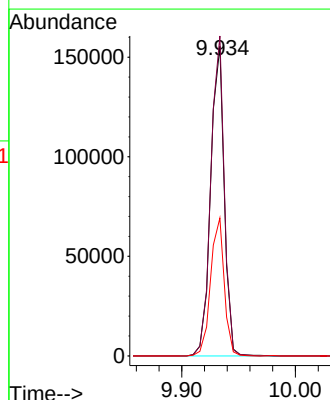
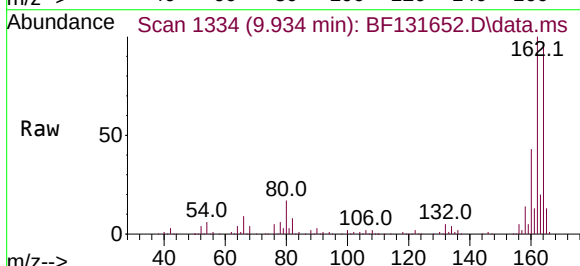
Tgt Ion:164 Resp: 129610

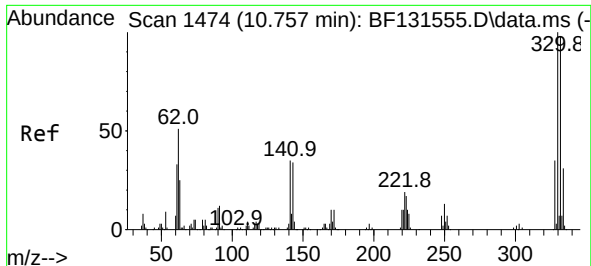
Ion Ratio Lower Upper

164 100

162 103.4 81.0 121.6

160 44.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 125.436 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131652.D

Acq: 15 Dec 2022 16:47

Instrument :

BNA_F

ClientSampleId :

RB-35-(2.5-4.5)

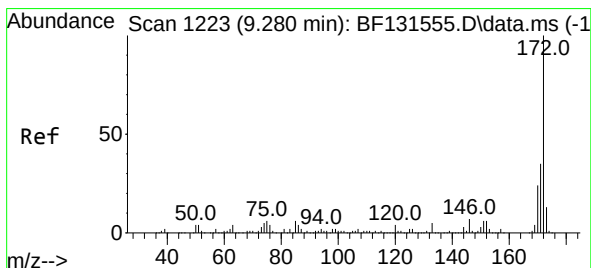
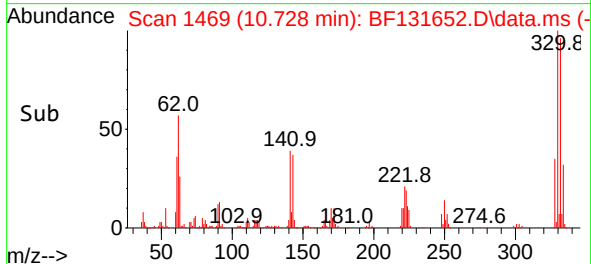
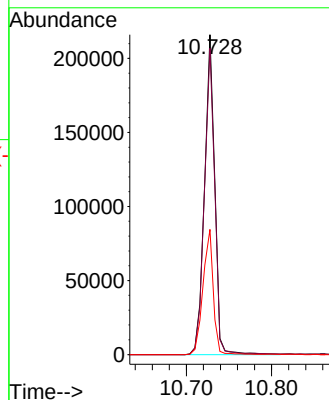
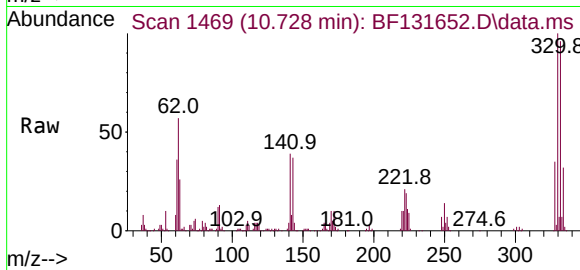
Tgt Ion:330 Resp: 180629

Ion Ratio Lower Upper

330 100

332 96.9 78.3 117.5

141 39.3 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 70.656 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131652.D

Acq: 15 Dec 2022 16:47

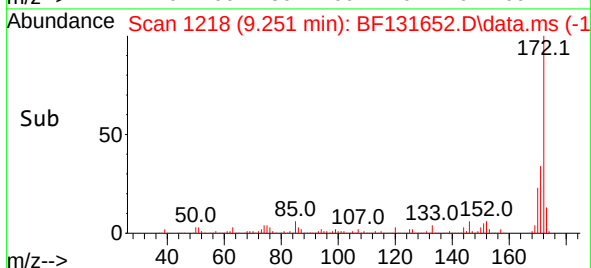
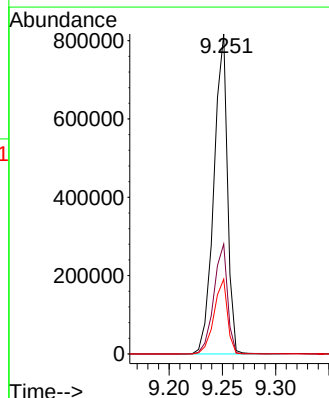
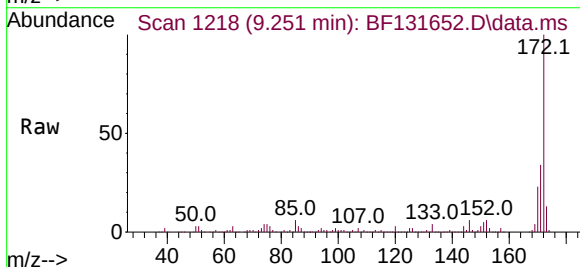
Tgt Ion:172 Resp: 726298

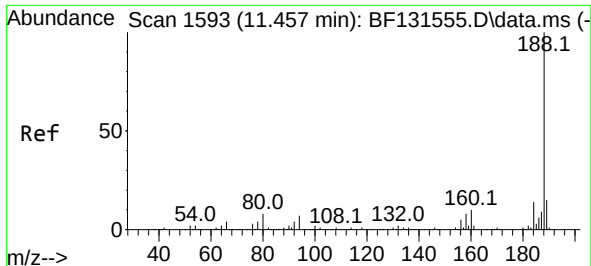
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.3 19.3 28.9

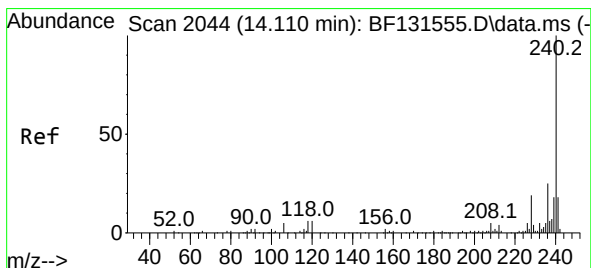
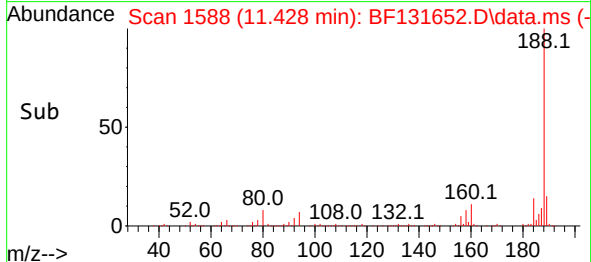
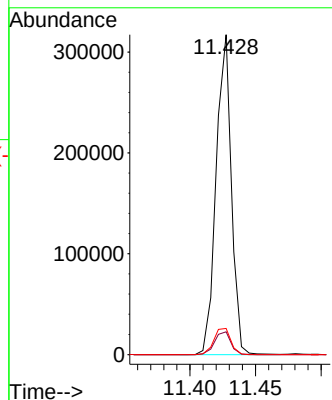
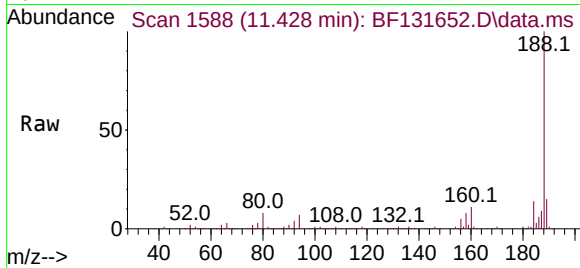




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

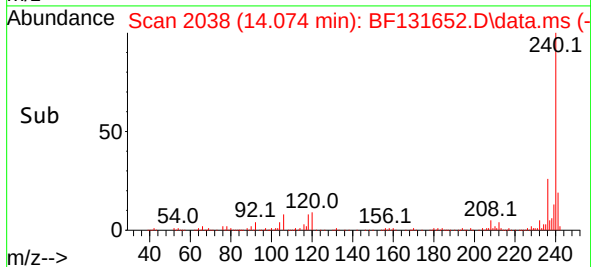
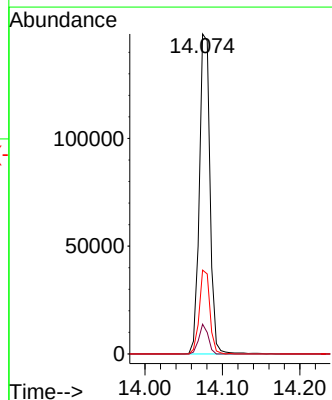
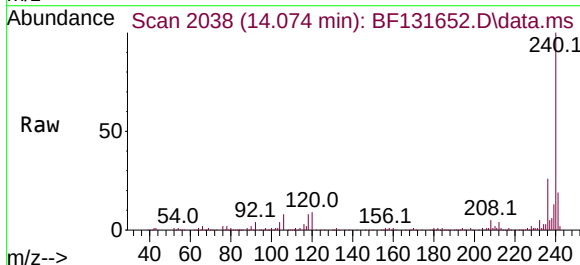
Instrument :
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RB-35-(2.5-4.5)

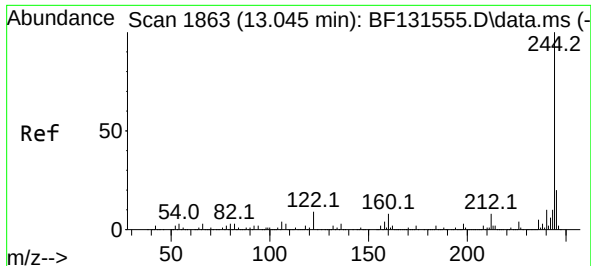
Tgt Ion:188 Resp: 257243
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 8.2 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131652.D
Acq: 15 Dec 2022 16:47

Tgt Ion:240 Resp: 141277
Ion Ratio Lower Upper
240 100
120 9.3 4.6 7.0#
236 26.2 20.2 30.2

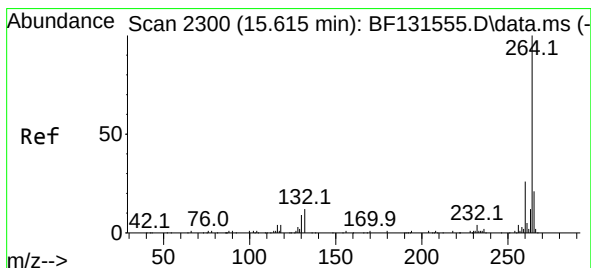
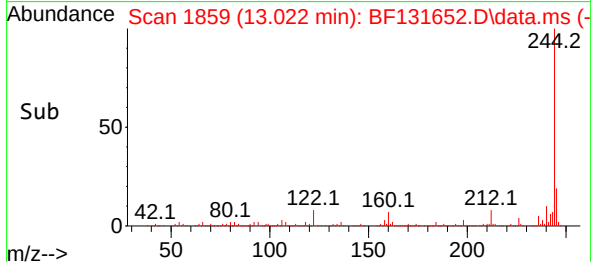
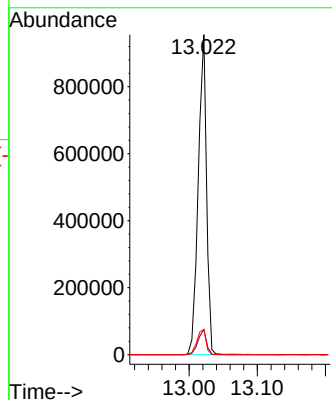
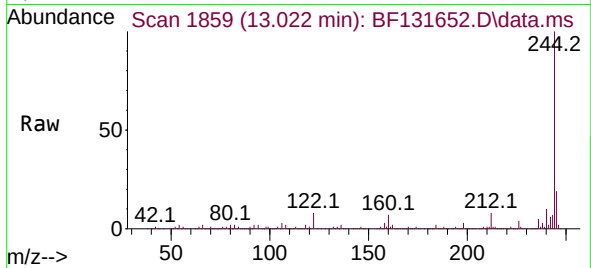




#79
 Terphenyl-d14
 Concen: 78.580 ng
 RT: 13.022 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF131652.D
 Acq: 15 Dec 2022 16:47

Instrument :
 BNA_F
 ClientSampleId :
 RB-35-(2.5-4.5)

Tgt Ion:244 Resp: 809499
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.9 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: BF131652.D
 Acq: 15 Dec 2022 16:47

Tgt Ion:264 Resp: 131765
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.6 30.8
 265 22.1 16.8 25.2

