

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134306.D
 Acq On : 15 Jul 2023 00:25
 Operator : CG\JU
 Sample : 03597-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-43-(2-5)

Quant Time: Jul 15 01:16:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	74122	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	287087	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	136759	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	256378	20.000	ng	0.00
76) Chrysene-d12	14.039	240	170983	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	133077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	409658	92.451	ng	0.00
7) Phenol-d6	6.481	99	485997	89.184	ng	0.00
23) Nitrobenzene-d5	7.404	82	330479	62.053	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	153618	89.590	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	598175	63.592	ng	0.00
79) Terphenyl-d14	12.974	244	584819	55.048	ng	0.00

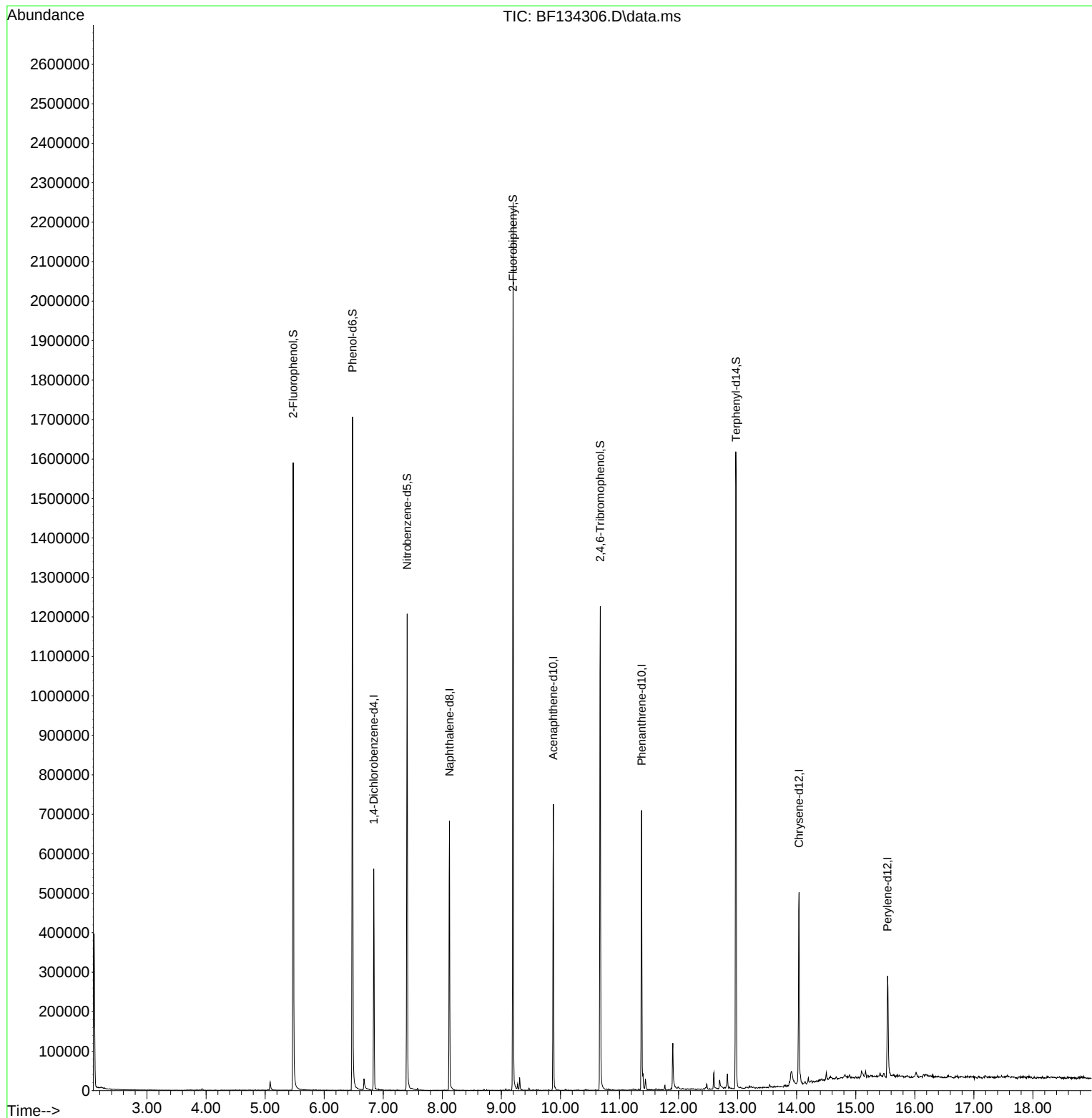
Target Compounds	Qvalue

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

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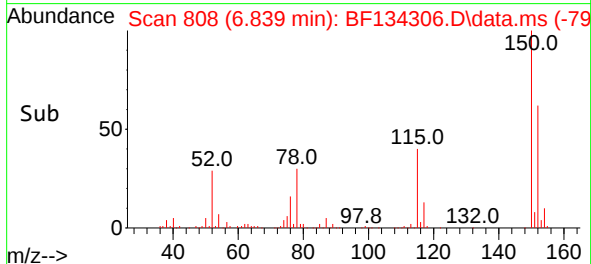
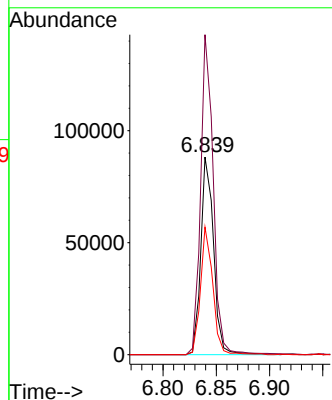
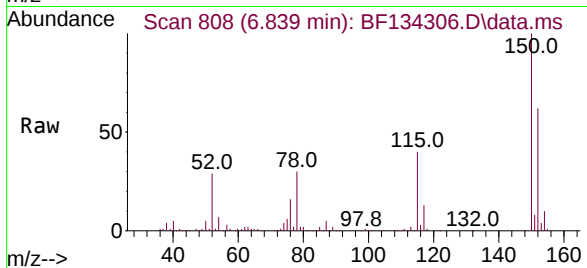




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134306.D
Acq: 15 Jul 2023 00:25

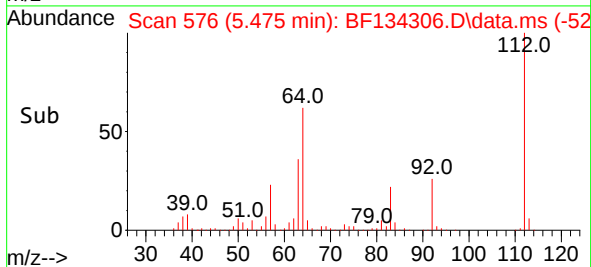
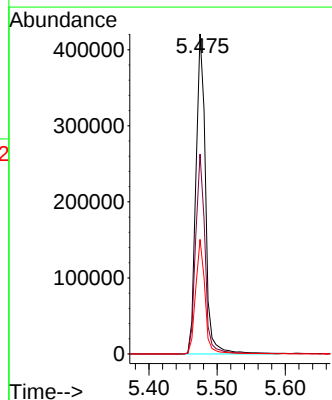
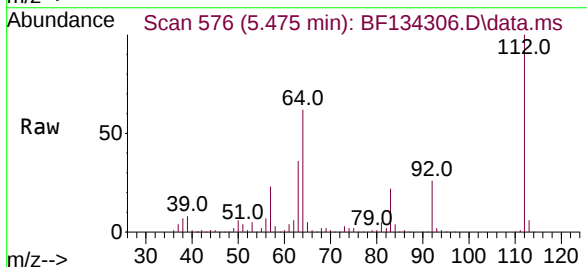
Instrument :
BNA_F
ClientSampleId :
RB-43-(2-5)

Tgt Ion:152 Resp: 74122
Ion Ratio Lower Upper
152 100
150 161.9 124.5 186.7
115 64.5 50.2 75.2



#5
2-Fluorophenol
Concen: 92.451 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134306.D
Acq: 15 Jul 2023 00:25

Tgt Ion:112 Resp: 409658
Ion Ratio Lower Upper
112 100
64 62.4 52.1 78.1
63 35.8 28.6 42.8

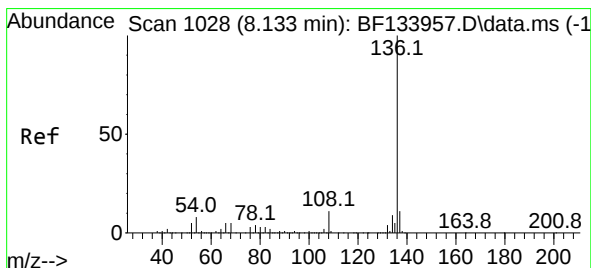
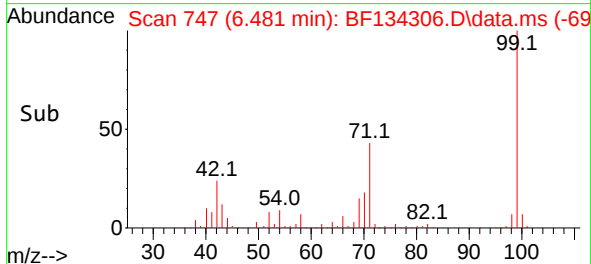
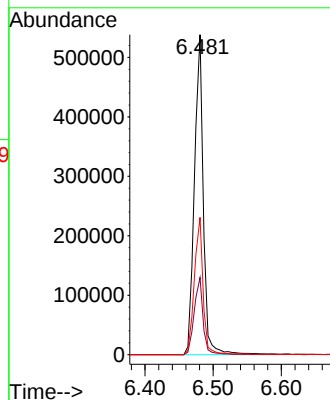
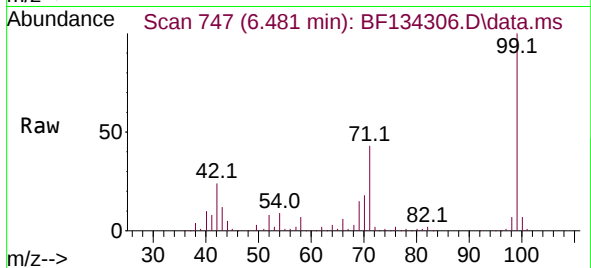




#7
Phenol-d6
Concen: 89.184 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134306.D
Acq: 15 Jul 2023 00:25

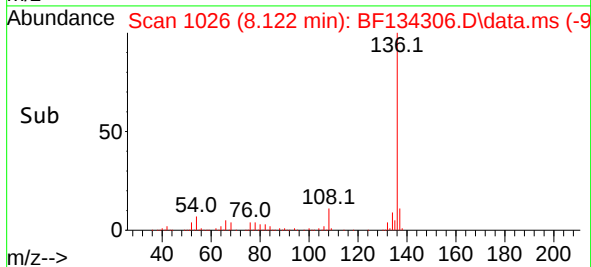
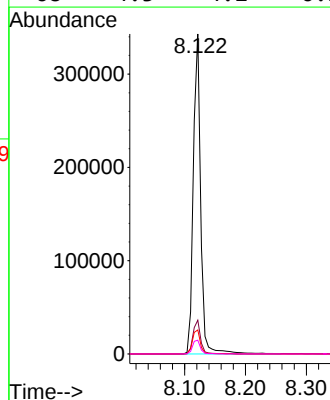
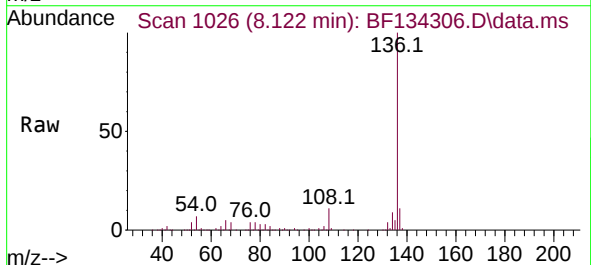
Instrument :
BNA_F
ClientSampleId :
RB-43-(2-5)

Tgt Ion: 99 Resp: 485997
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 42.9 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134306.D
Acq: 15 Jul 2023 00:25

Tgt Ion: 136 Resp: 287087
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.5 6.5 9.7
68 4.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 62.053 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

Instrument :

BNA_F

ClientSampleId :

RB-43-(2-5)

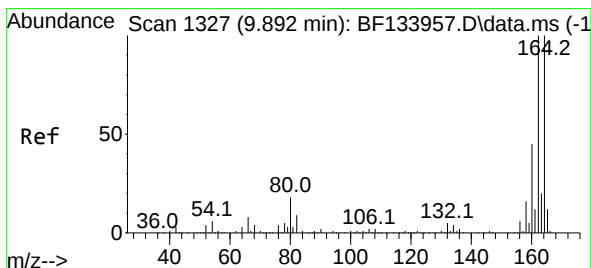
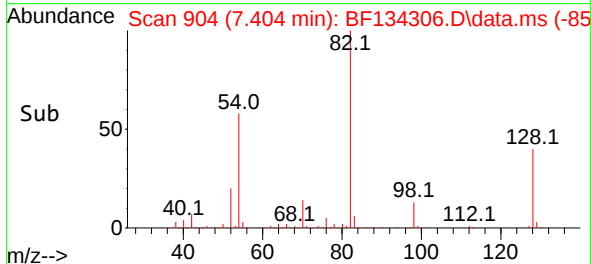
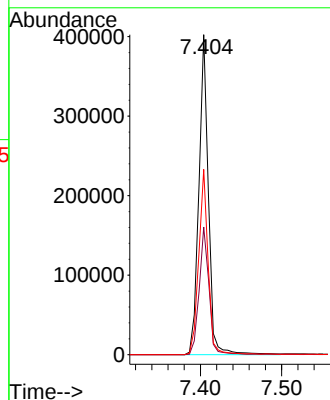
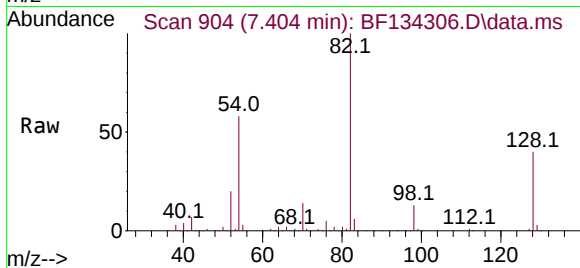
Tgt Ion: 82 Resp: 330479

Ion Ratio Lower Upper

82 100

128 39.9 32.5 48.7

54 57.9 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

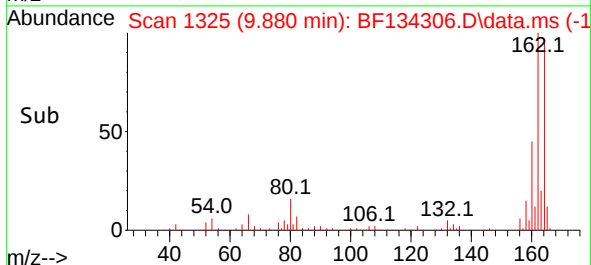
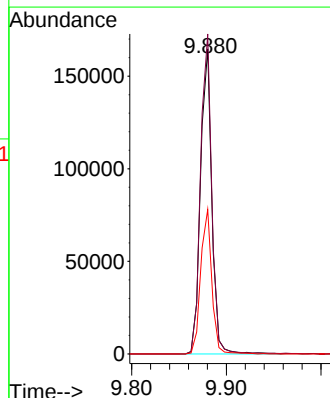
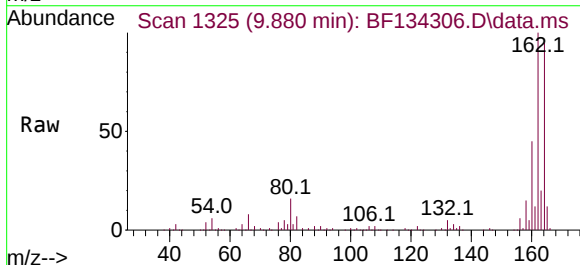
Tgt Ion:164 Resp: 136759

Ion Ratio Lower Upper

164 100

162 104.9 80.0 120.0

160 47.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 89.590 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

Instrument :

BNA_F

ClientSampleId :

RB-43-(2-5)

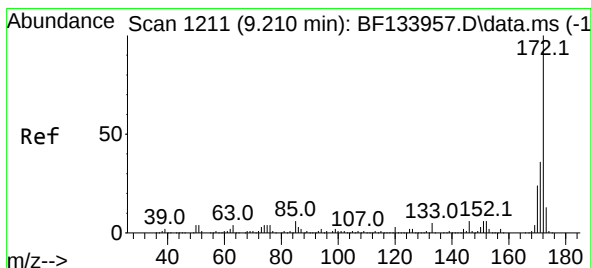
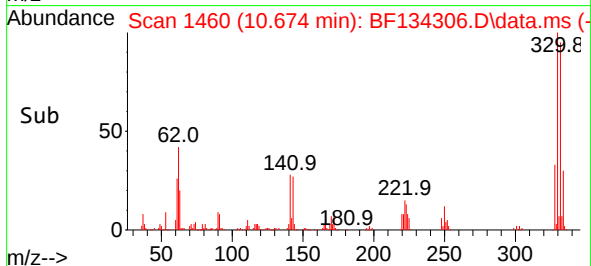
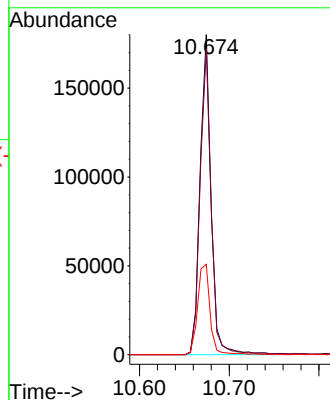
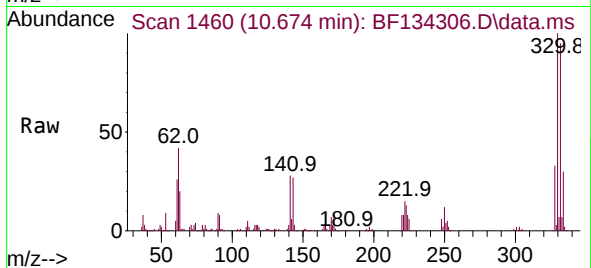
Tgt Ion:330 Resp: 153618

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 32.1 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 63.592 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

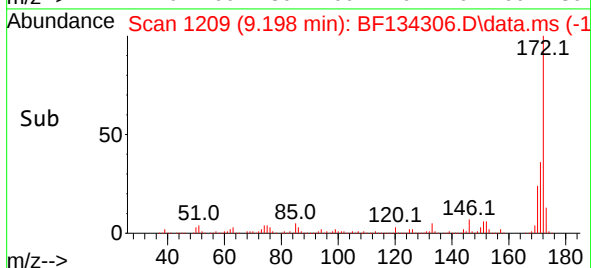
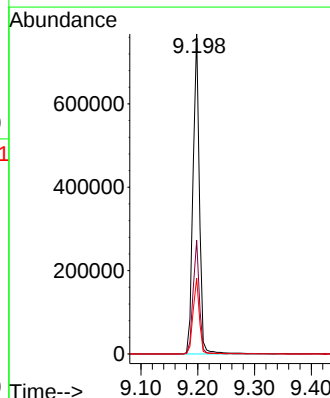
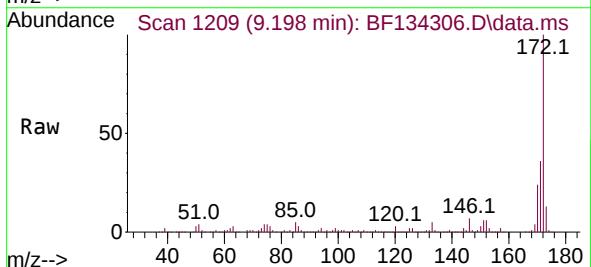
Tgt Ion:172 Resp: 598175

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

Instrument :

BNA_F

ClientSampleId :

RB-43-(2-5)

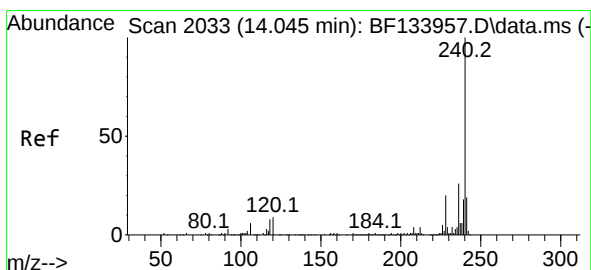
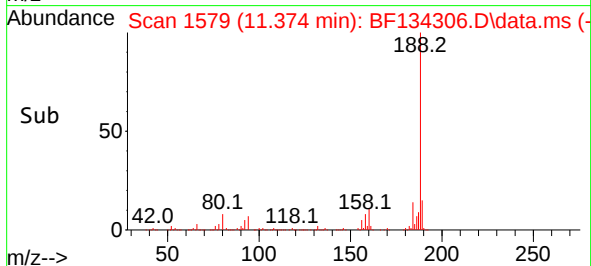
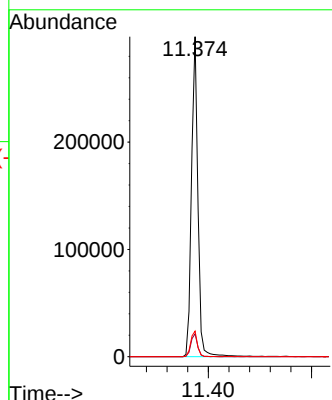
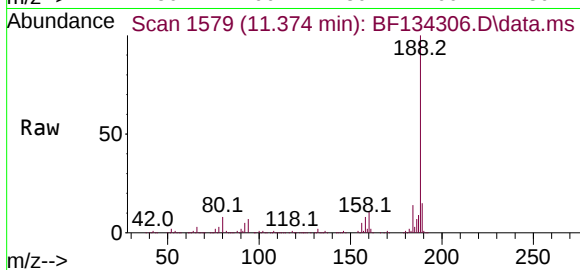
Tgt Ion:188 Resp: 256378

Ion Ratio Lower Upper

188 100

94 7.2 6.4 9.6

80 8.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF134306.D

Acq: 15 Jul 2023 00:25

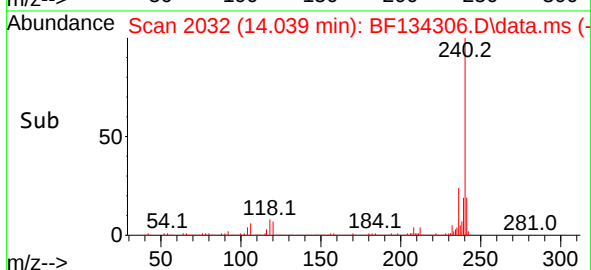
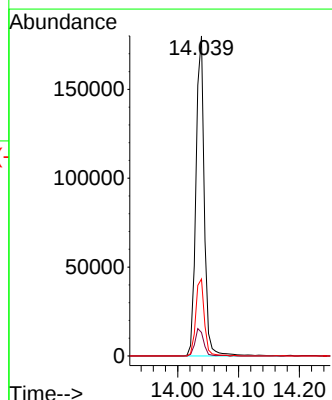
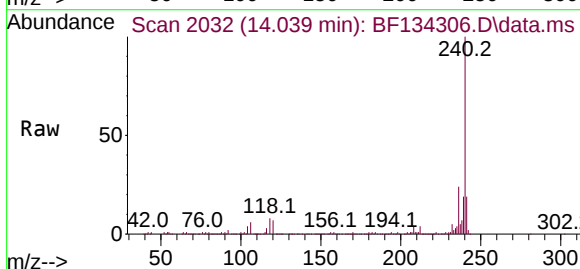
Tgt Ion:240 Resp: 170983

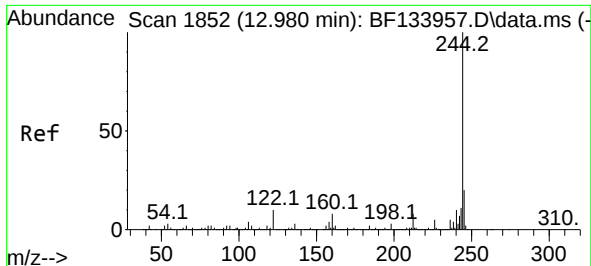
Ion Ratio Lower Upper

240 100

120 7.4 7.4 11.0#

236 24.0 21.0 31.6

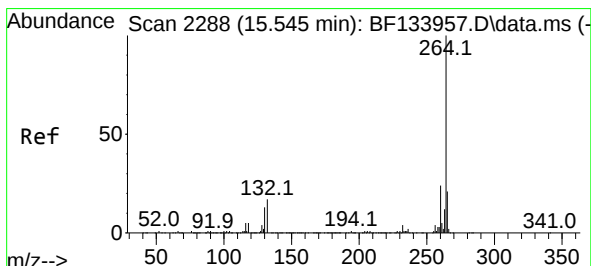
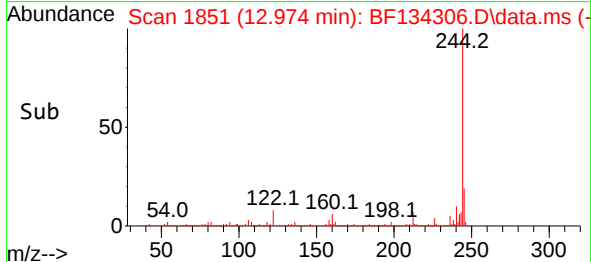
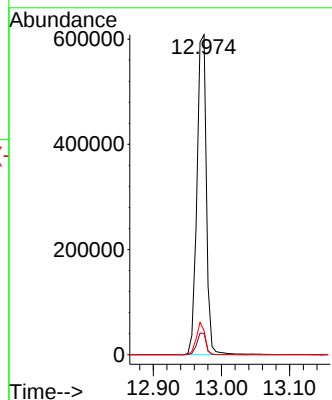
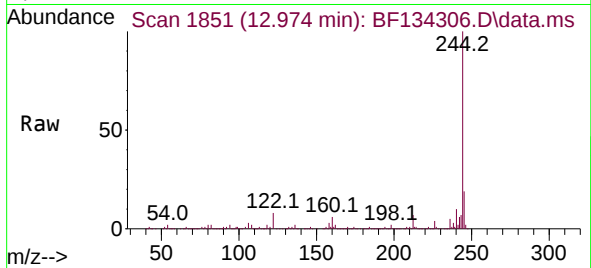




#79
 Terphenyl-d14
 Concen: 55.048 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF134306.D
 Acq: 15 Jul 2023 00:25

Instrument :
 BNA_F
 ClientSampleId :
 RB-43-(2-5)

Tgt Ion:244 Resp: 584819
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 7.6 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134306.D
 Acq: 15 Jul 2023 00:25

Tgt Ion:264 Resp: 133077
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.5 29.3
 265 21.6 16.6 25.0

