

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134310.D
 Acq On : 15 Jul 2023 02:37
 Operator : CG\JU
 Sample : 03597-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-45-(2-5)

Quant Time: Jul 15 03:00:29 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)

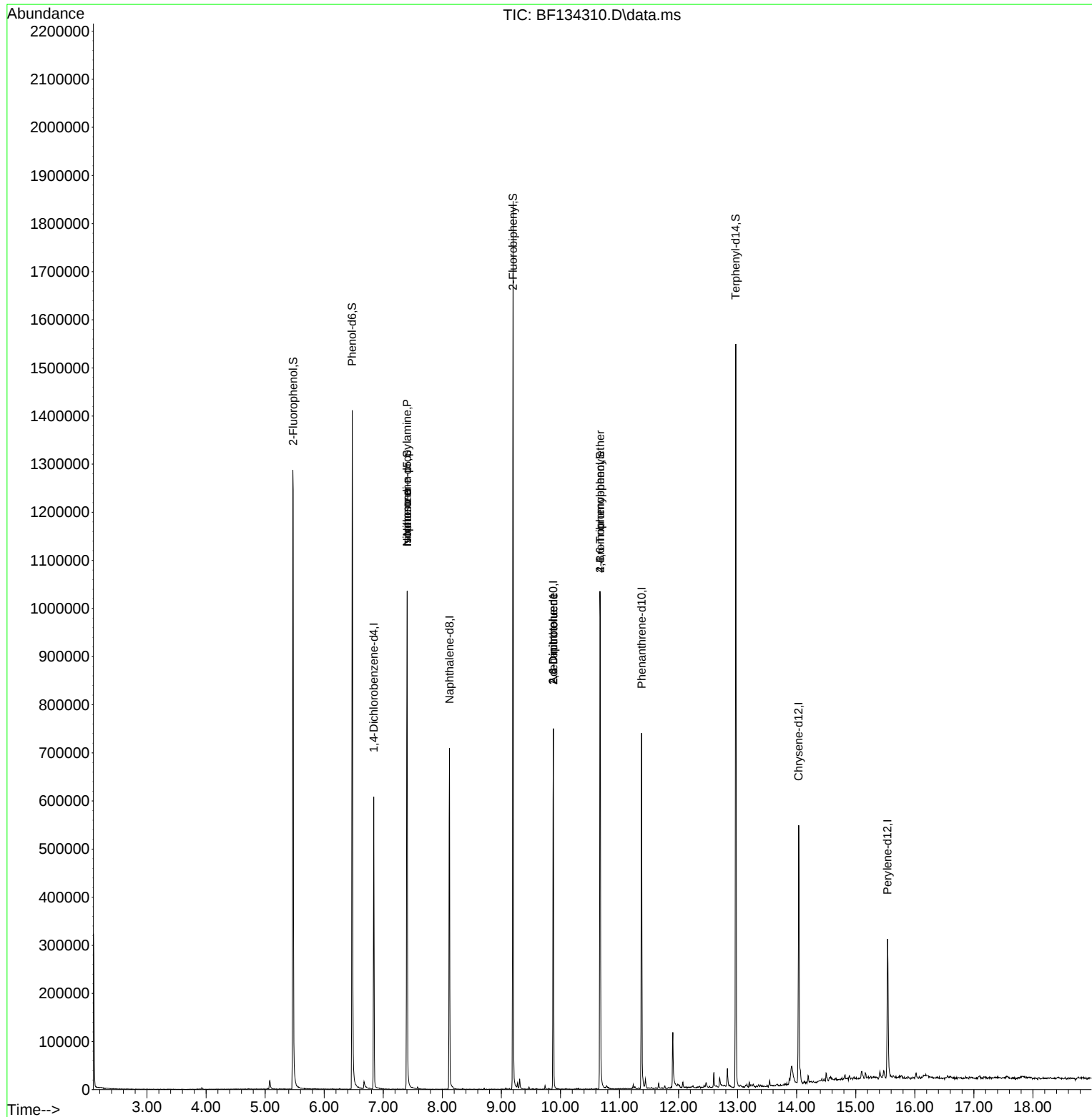
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	78466	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	294248	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	142387	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	266071	20.000	ng	0.00
76) Chrysene-d12	14.033	240	180325	20.000	ng	0.00
86) Perylene-d12	15.539	264	143044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	356369	75.972	ng	0.00
7) Phenol-d6	6.475	99	431894	74.868	ng	-0.01
23) Nitrobenzene-d5	7.404	82	288446	52.842	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	136483	76.450	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	510731	52.150	ng	0.00
79) Terphenyl-d14	12.968	244	486847	43.452	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	814	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	40996	11.206	ng	# 73
25) Isophorone	7.404	82	288440	29.075	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	18107	8.134	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	18107	6.159	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	8070	2.854	ng	# 1

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

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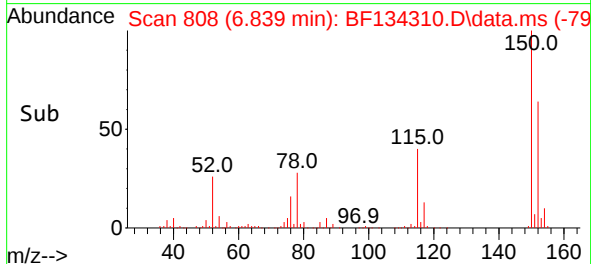
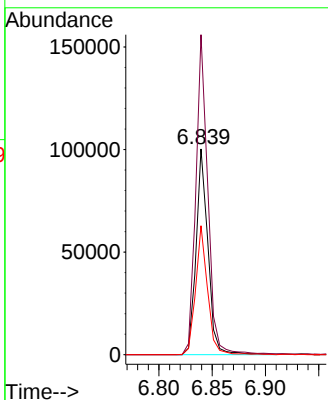
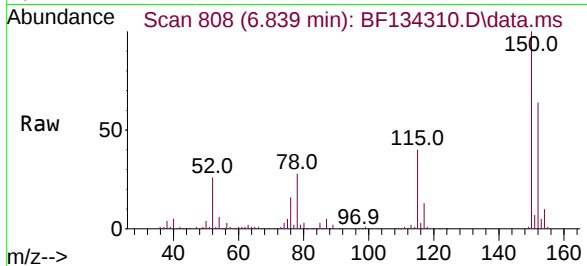




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF134310.D
 Acq: 15 Jul 2023 02:37

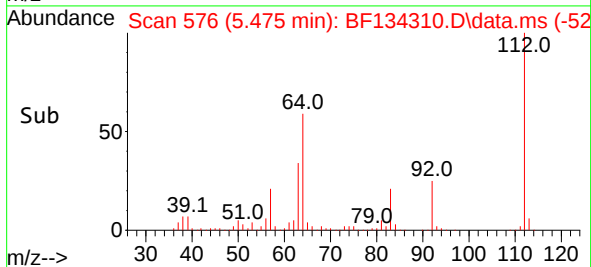
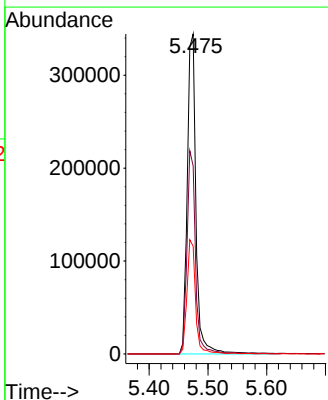
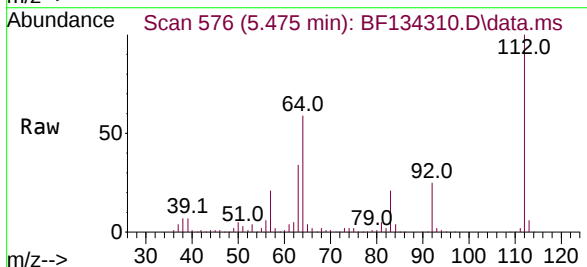
Instrument :
 BNA_F
 ClientSampleId :
 RB-45-(2-5)

Tgt Ion:152 Resp: 78466
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.5 186.7
 115 62.7 50.2 75.2



#5
 2-Fluorophenol
 Concen: 75.972 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.006 min
 Lab File: BF134310.D
 Acq: 15 Jul 2023 02:37

Tgt Ion:112 Resp: 356369
 Ion Ratio Lower Upper
 112 100
 64 58.8 52.1 78.1
 63 33.6 28.6 42.8





#7

Phenol-d6

Concen: 74.868 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

Instrument :

BNA_F

ClientSampleId :

RB-45-(2-5)

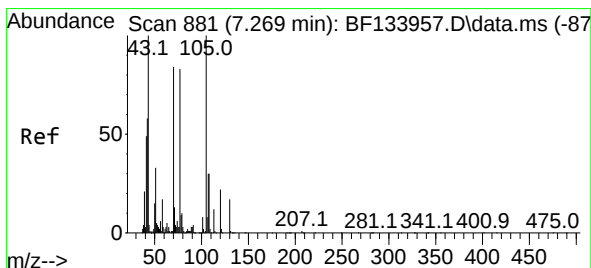
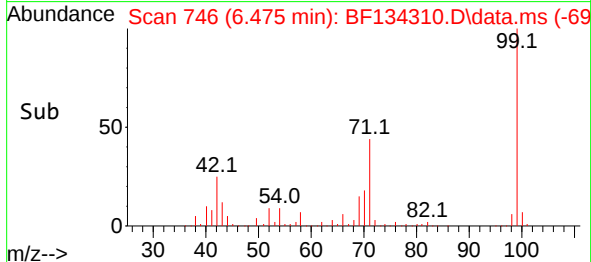
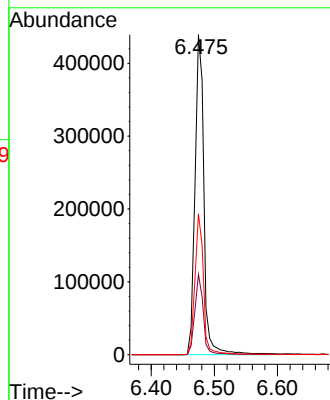
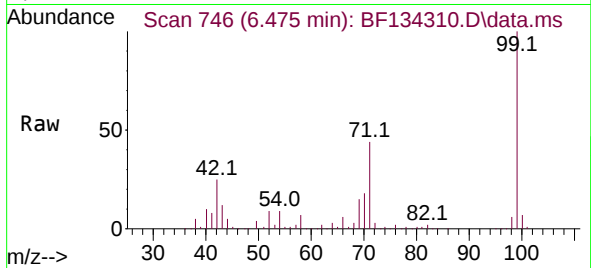
Tgt Ion: 99 Resp: 431894

Ion Ratio Lower Upper

99 100

42 25.1 19.8 29.6

71 44.1 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 11.206 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.147 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

Tgt Ion: 70 Resp: 40996

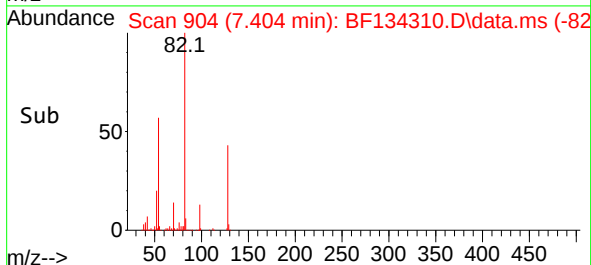
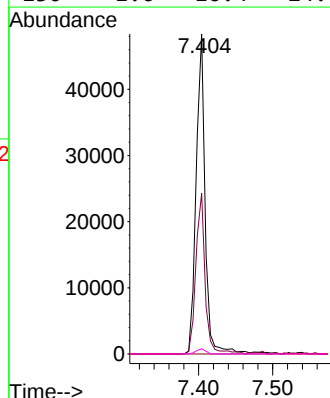
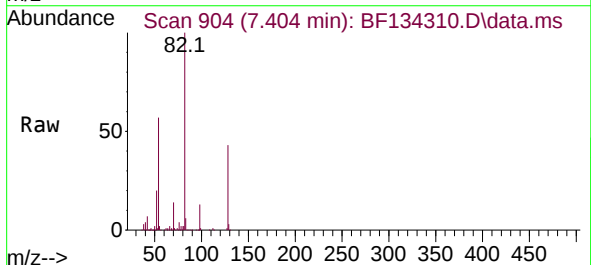
Ion Ratio Lower Upper

70 100

42 50.2 54.7 82.1#

101 0.0 7.7 11.5#

130 1.6 16.4 24.6#



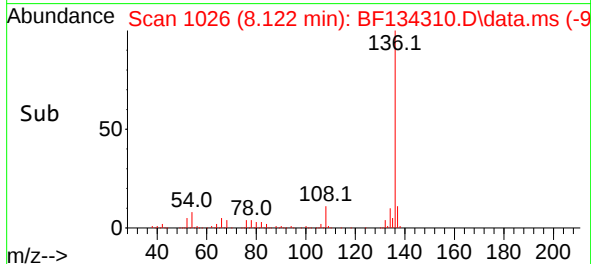
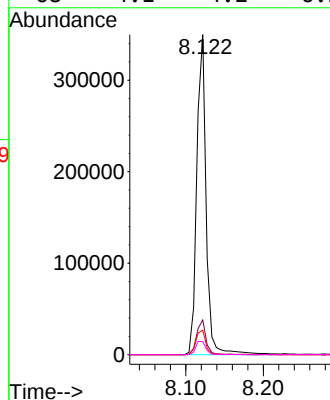
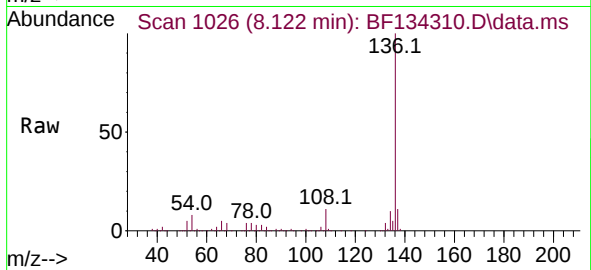


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF134310.D
Acq: 15 Jul 2023 02:37

Instrument :
BNA_F
ClientSampleId :
RB-45-(2-5)

Tgt Ion:136 Resp: 294248

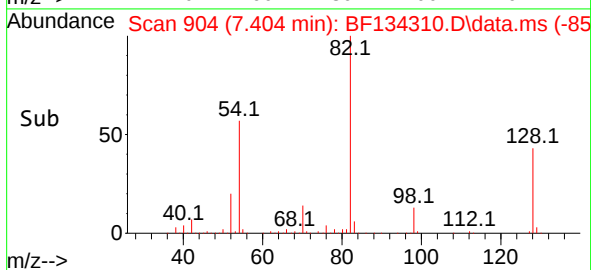
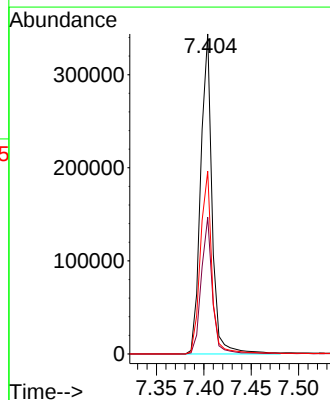
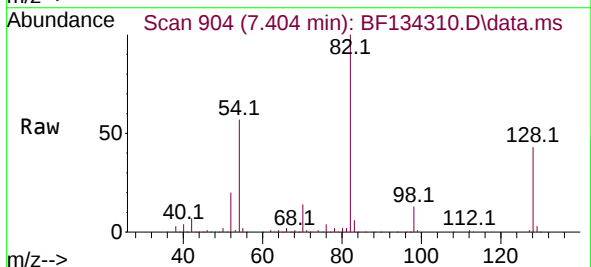
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.7	6.5	9.7
68	4.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 52.842 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134310.D
Acq: 15 Jul 2023 02:37

Tgt Ion: 82 Resp: 288446

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.5	48.7
54	57.1	48.2	72.2

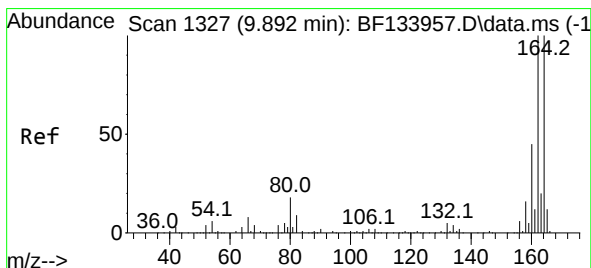
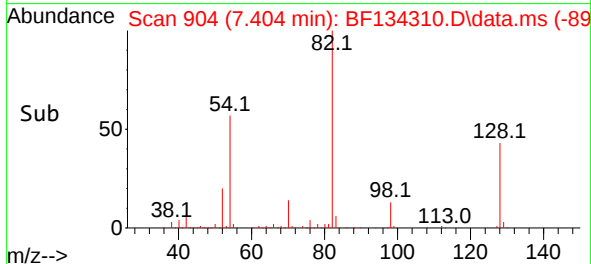
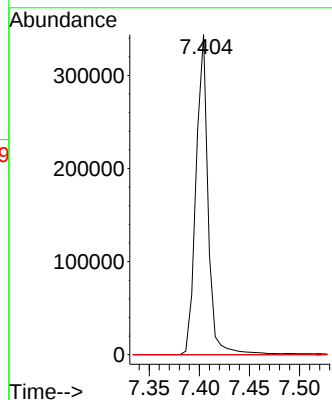
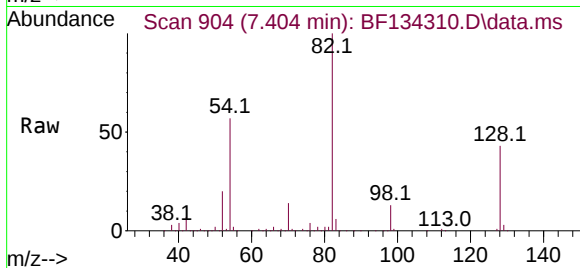




#25
Isophorone
Concen: 29.075 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134310.D
Acq: 15 Jul 2023 02:37

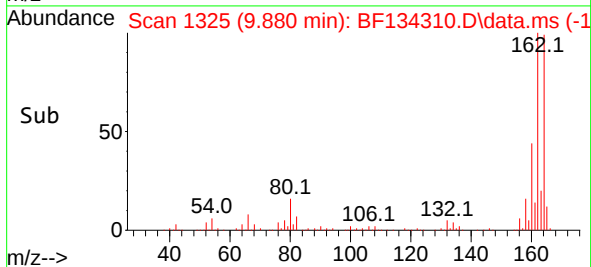
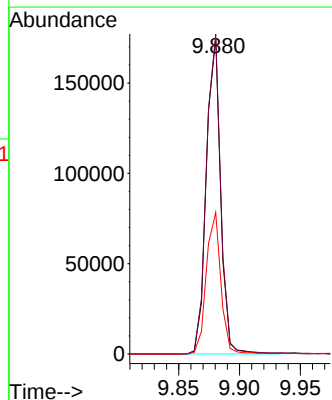
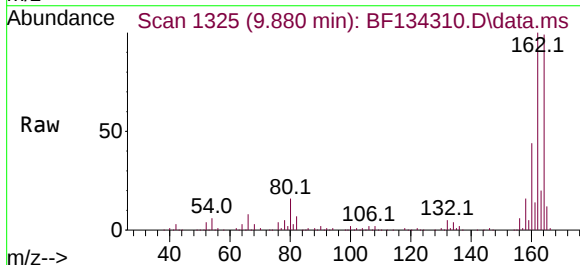
Instrument :
BNA_F
ClientSampleId :
RB-45-(2-5)

Tgt Ion: 82 Resp: 288440
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF134310.D
Acq: 15 Jul 2023 02:37

Tgt Ion:164 Resp: 142387
Ion Ratio Lower Upper
164 100
162 101.3 80.0 120.0
160 44.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 76.450 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

Instrument :

BNA_F

ClientSampleId :

RB-45-(2-5)

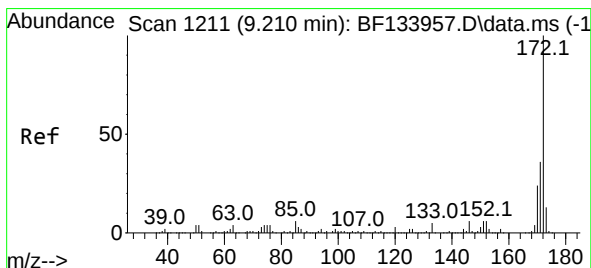
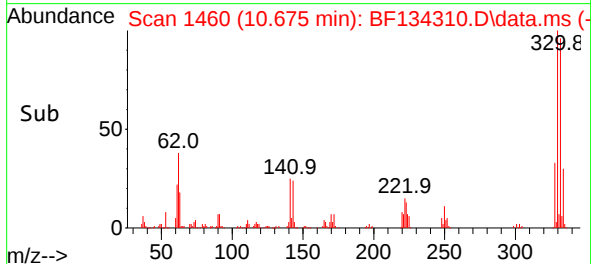
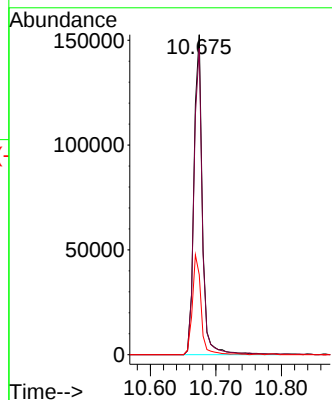
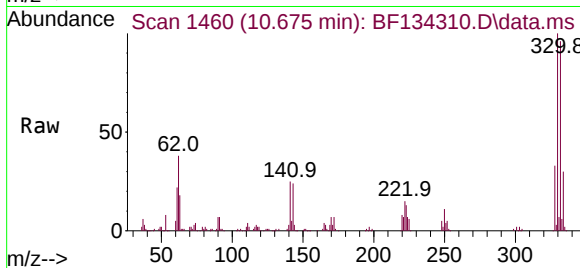
Tgt Ion:330 Resp: 136483

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 32.0 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 52.150 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

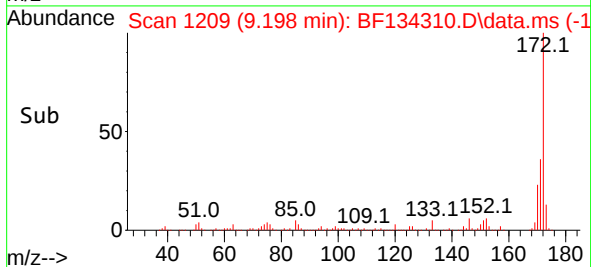
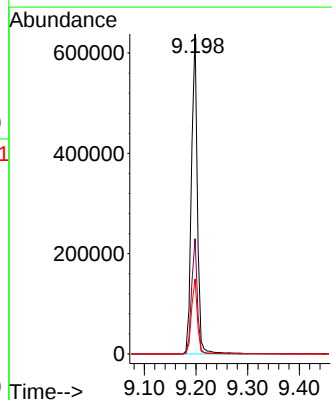
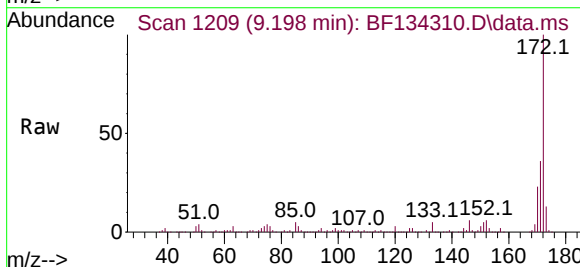
Tgt Ion:172 Resp: 510731

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 23.5 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.134 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

Instrument :

BNA_F

ClientSampleId :

RB-45-(2-5)

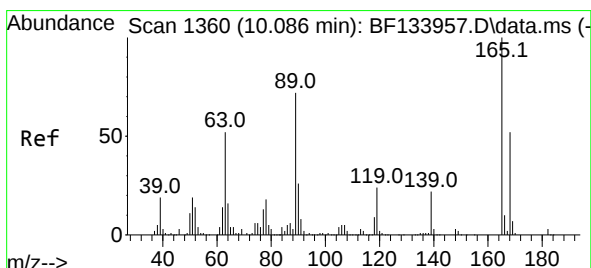
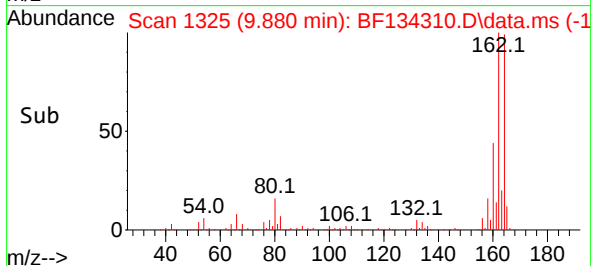
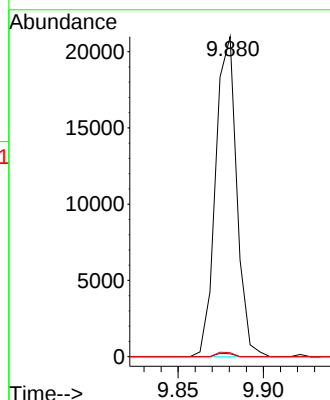
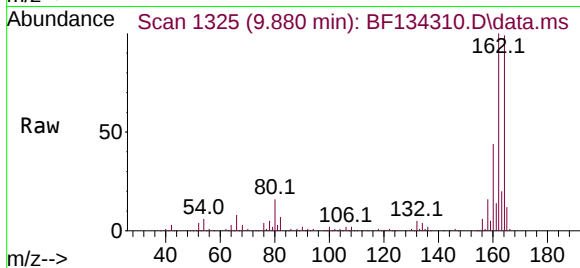
Tgt Ion:165 Resp: 18107

Ion Ratio Lower Upper

165 100

63 0.9 48.5 72.7#

89 1.2 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.159 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.200 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

Tgt Ion:165 Resp: 18107

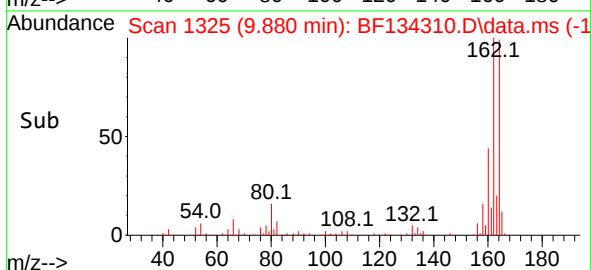
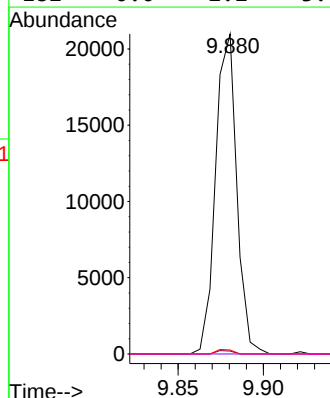
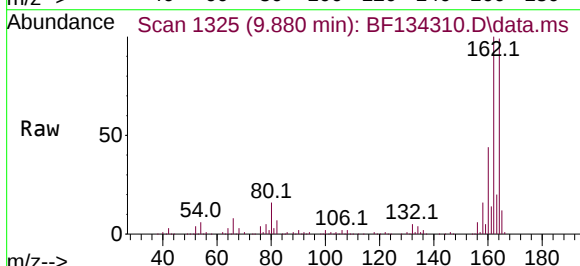
Ion Ratio Lower Upper

165 100

63 0.9 42.2 63.2#

89 1.2 57.4 86.2#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

Instrument :

BNA_F

ClientSampleId :

RB-45-(2-5)

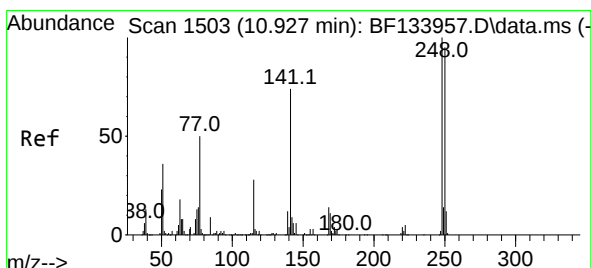
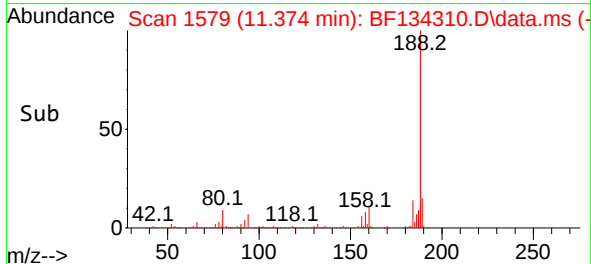
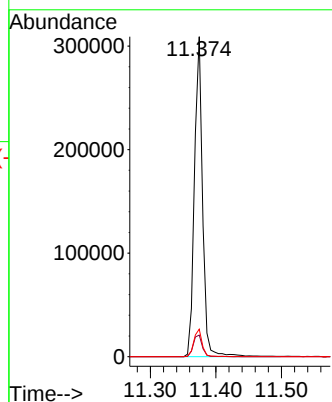
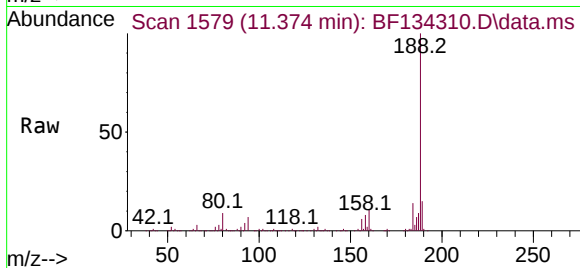
Tgt Ion:188 Resp: 266071

Ion Ratio Lower Upper

188 100

94 6.8 6.4 9.6

80 8.6 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 2.854 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.241 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

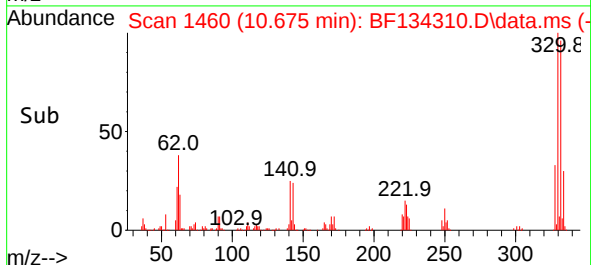
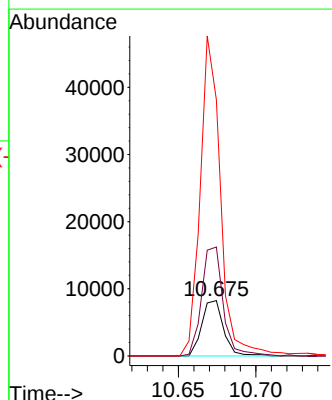
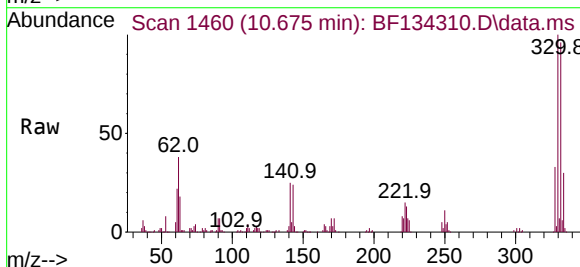
Tgt Ion:248 Resp: 8070

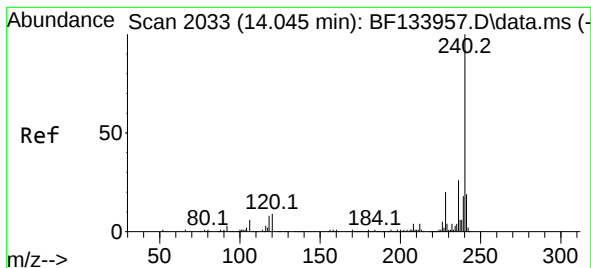
Ion Ratio Lower Upper

248 100

250 196.8 76.2 114.4#

141 462.9 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

Instrument :

BNA_F

ClientSampleId :

RB-45-(2-5)

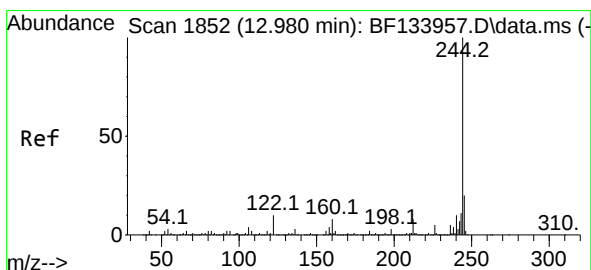
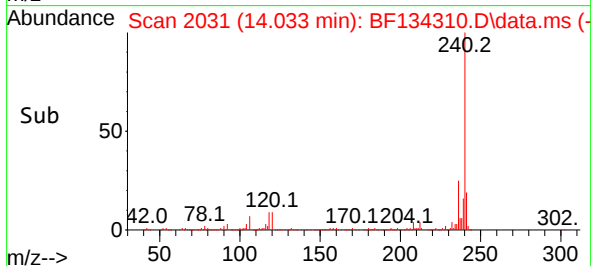
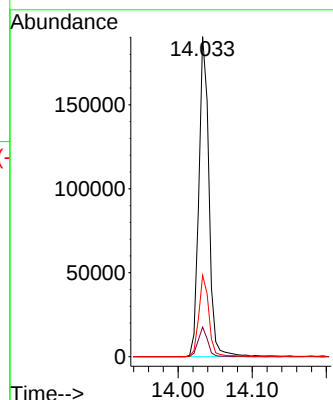
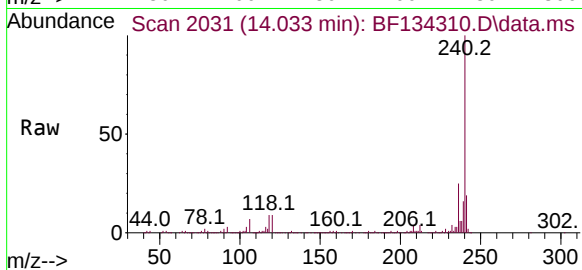
Tgt Ion:240 Resp: 180325

Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

236 25.5 21.0 31.6



#79

Terphenyl-d14

Concen: 43.452 ng

RT: 12.968 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF134310.D

Acq: 15 Jul 2023 02:37

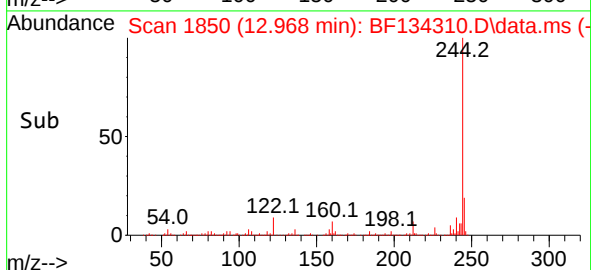
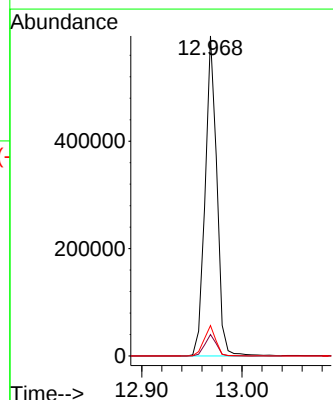
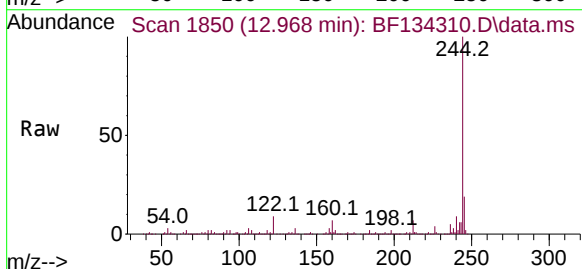
Tgt Ion:244 Resp: 486847

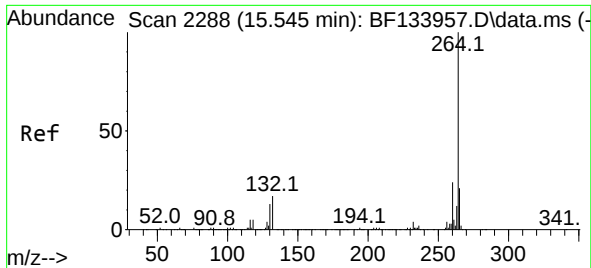
Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 9.5 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134310.D
Acq: 15 Jul 2023 02:37

Instrument :
BNA_F
ClientSampleId :
RB-45-(2-5)

Tgt Ion:264 Resp: 143044
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.9 16.6 25.0

