

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134309.D
 Acq On : 15 Jul 2023 02:03
 Operator : CG\JU
 Sample : 03597-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-45-(0-2)

Quant Time: Jul 15 03:00:10 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)

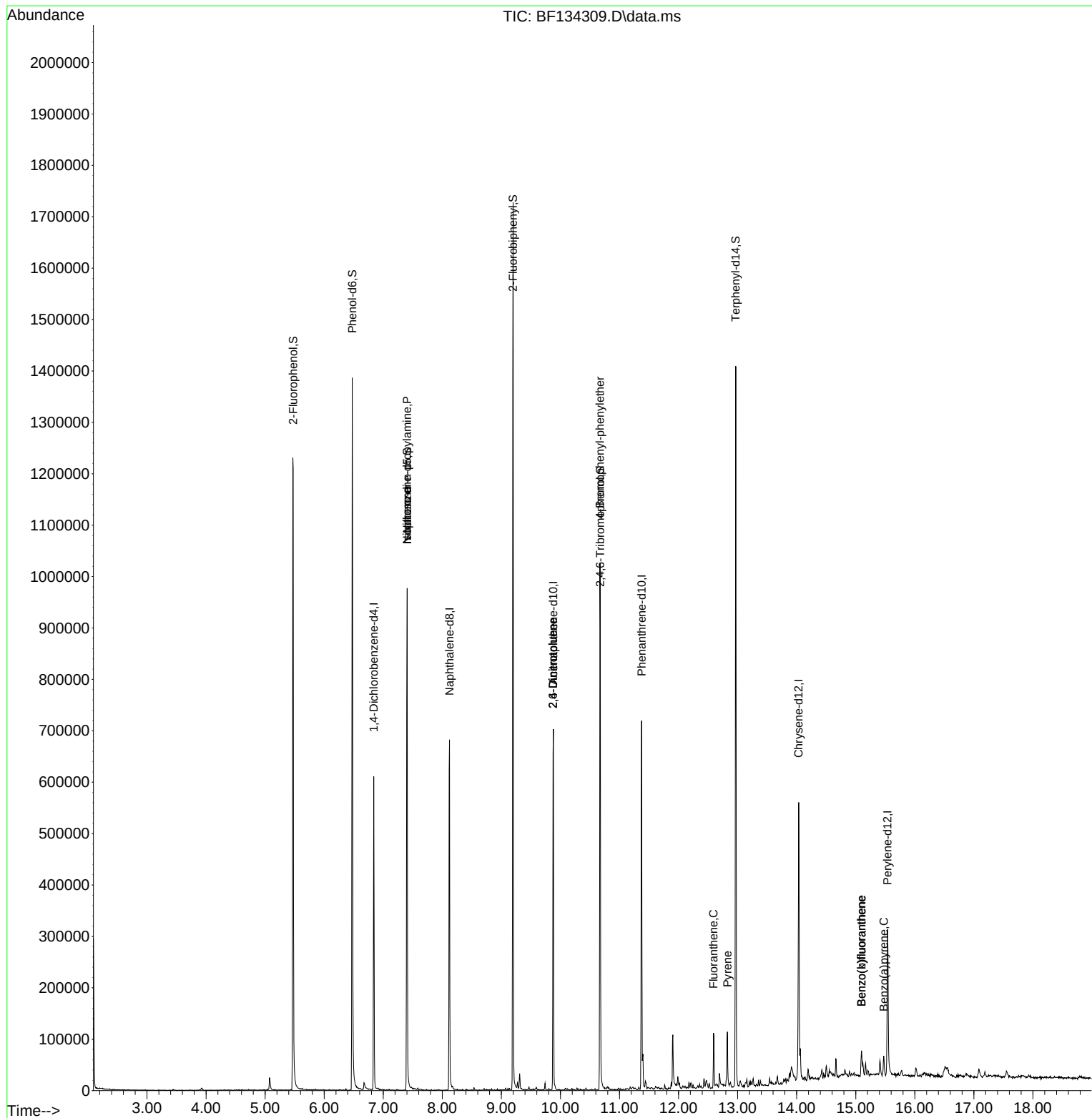
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	79200	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	299961	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	142950	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	263311	20.000	ng	0.00
76) Chrysene-d12	14.033	240	177461	20.000	ng	0.00
86) Perylene-d12	15.539	264	141275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	342083	72.251	ng	0.00
7) Phenol-d6	6.475	99	412685	70.875	ng	-0.01
23) Nitrobenzene-d5	7.404	82	280779	50.458	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	125276	69.896	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	490714	49.909	ng	0.00
79) Terphenyl-d14	12.968	244	453692	41.146	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	749	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	39383	10.665	ng	# 78
25) Isophorone	7.404	82	280775	27.763	ng	# 64
51) 2,6-Dinitrotoluene	9.874	165	19228	8.603	ng	# 23
57) 2,4-Dinitrotoluene	9.874	165	19228	6.514	ng	# 22
67) 4-Bromophenyl-phenylether	10.668	248	7376	2.636	ng	# 1
75) Fluoranthene	12.592	202	42651	2.976	ng	97
78) Pyrene	12.827	202	44640	2.703	ng	99
88) Benzo(b)fluoranthene	15.098	252	34514	4.155	ng	# 95
89) Benzo(k)fluoranthene	15.098	252	34514	4.081	ng	# 95
90) Benzo(a)pyrene	15.474	252	18139	2.258	ng	98

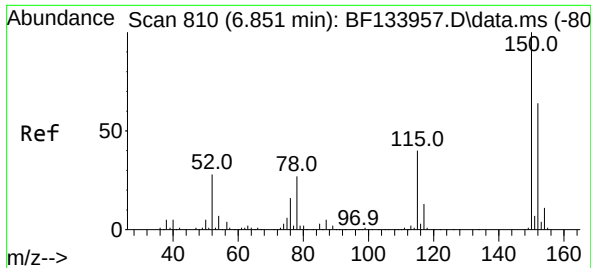
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134309.D
Acq On : 15 Jul 2023 02:03
Operator : CG\JU
Sample : 03597-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)

Quant Time: Jul 15 03:00:10 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

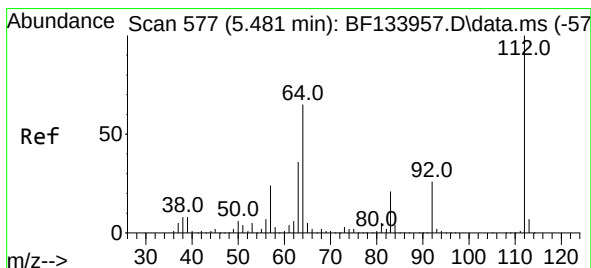
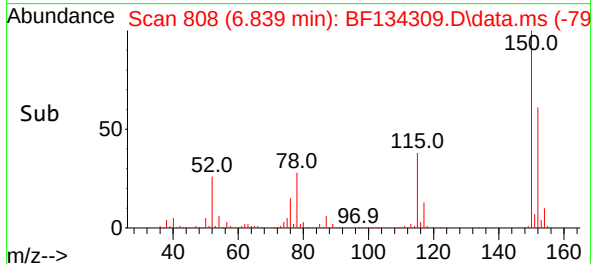
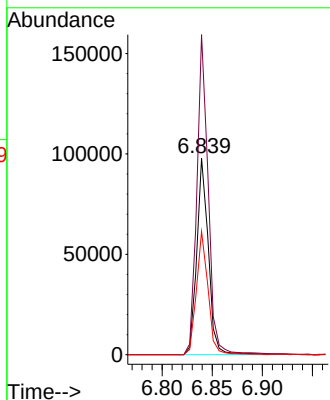
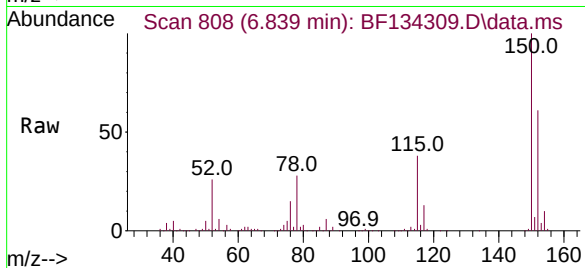




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

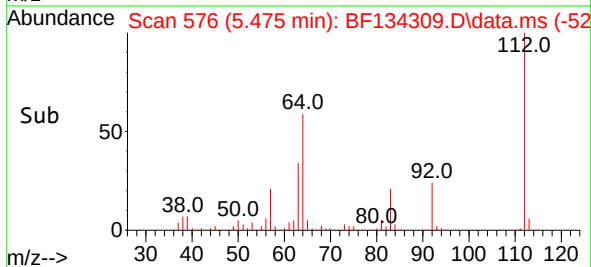
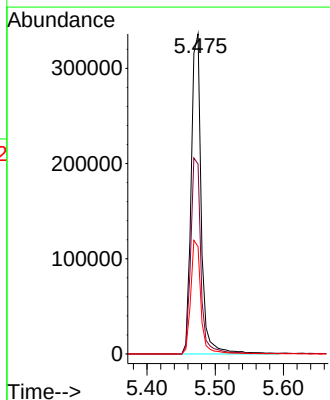
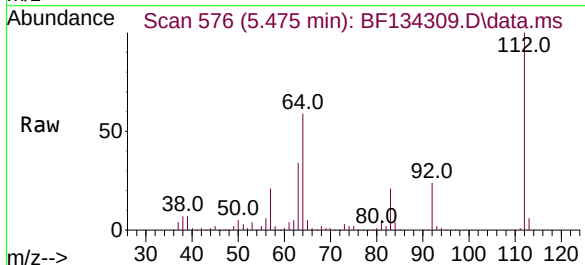
Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)

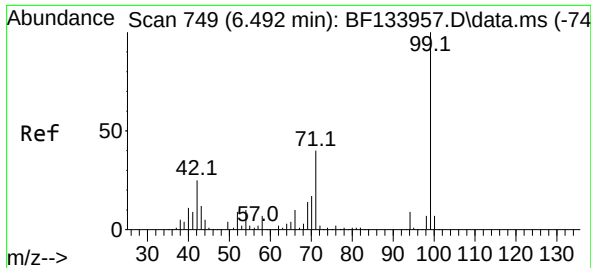
Tgt Ion:152 Resp: 79200
Ion Ratio Lower Upper
152 100
150 162.9 124.5 186.7
115 62.7 50.2 75.2



#5
2-Fluorophenol
Concen: 72.251 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

Tgt Ion:112 Resp: 342083
Ion Ratio Lower Upper
112 100
64 59.3 52.1 78.1
63 33.6 28.6 42.8

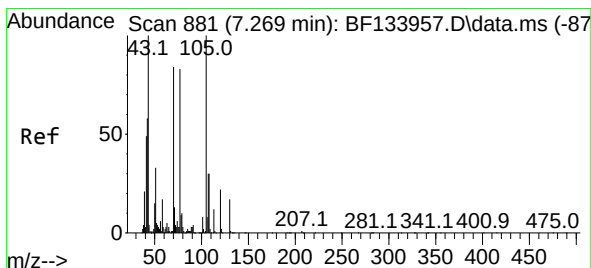
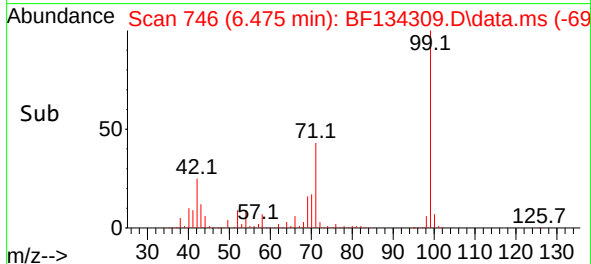
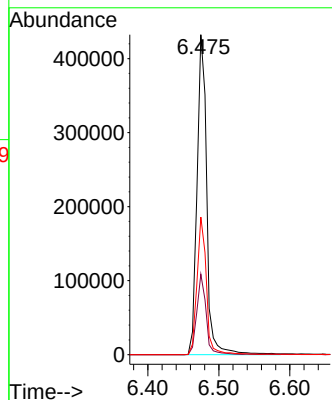
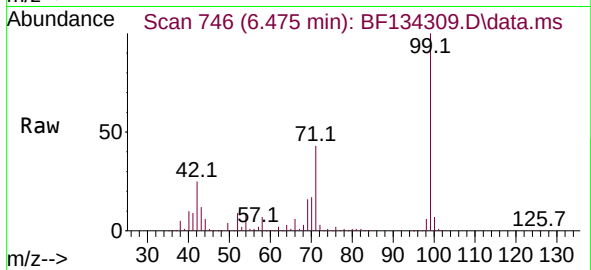




#7
Phenol-d6
Concen: 70.875 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

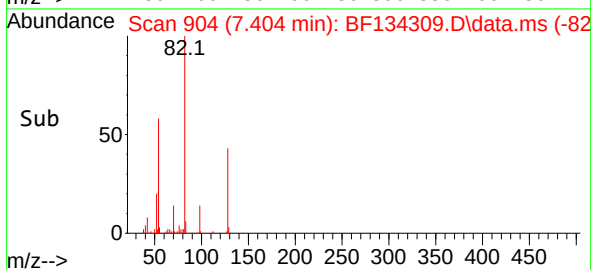
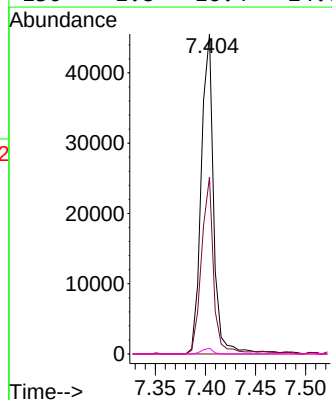
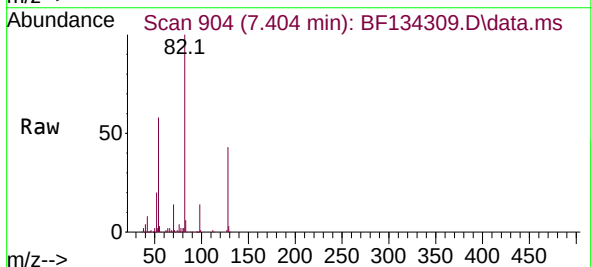
Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)

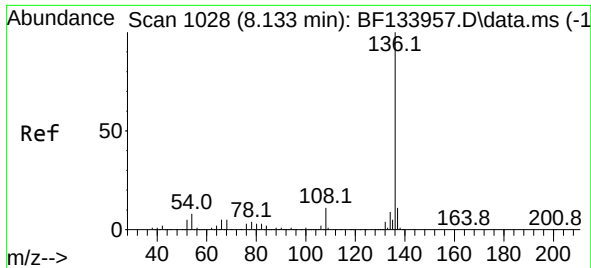
Tgt Ion: 99 Resp: 412685
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.6
71 43.0 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 10.665 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

Tgt Ion: 70 Resp: 39383
Ion Ratio Lower Upper
70 100
42 55.3 54.7 82.1
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#



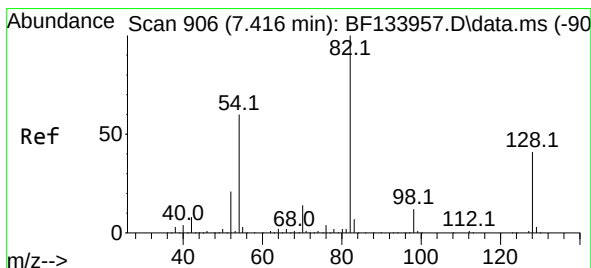
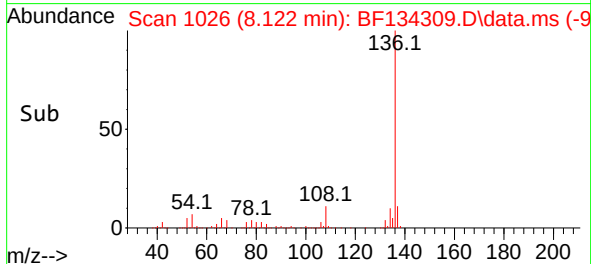
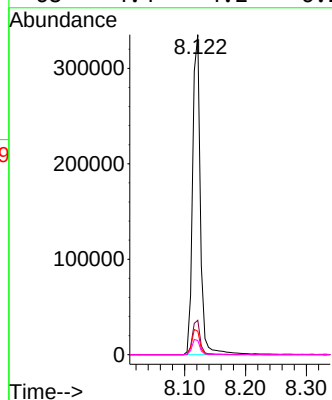
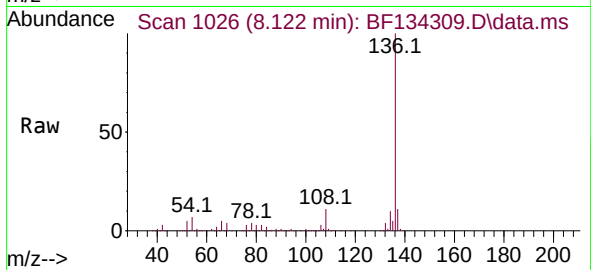


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)

Tgt Ion:136 Resp: 299961

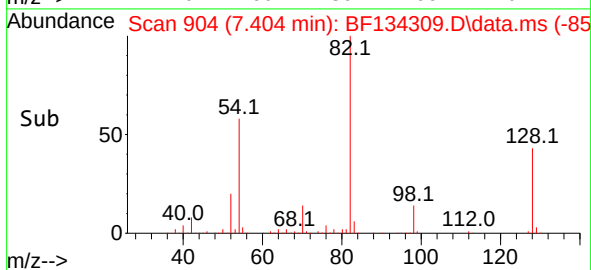
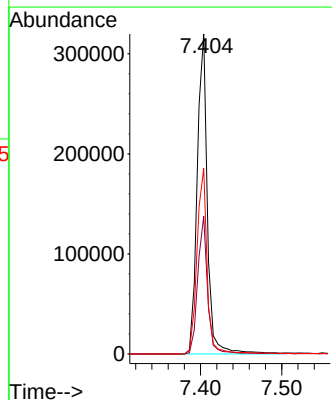
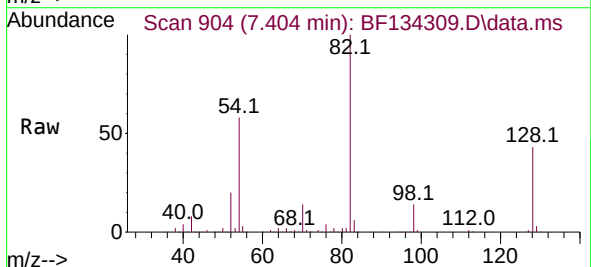
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.3	6.5	9.7
68	4.4	4.2	6.2

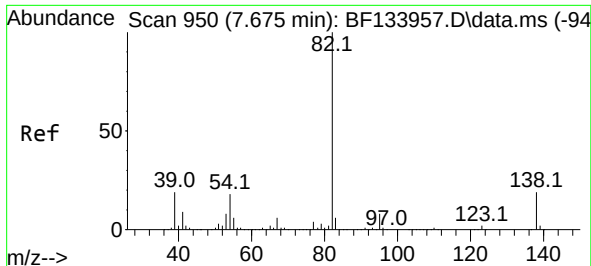


#23
Nitrobenzene-d5
Concen: 50.458 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

Tgt Ion: 82 Resp: 280779

Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.5	48.7
54	58.0	48.2	72.2

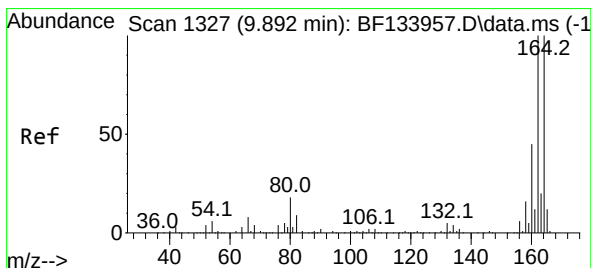
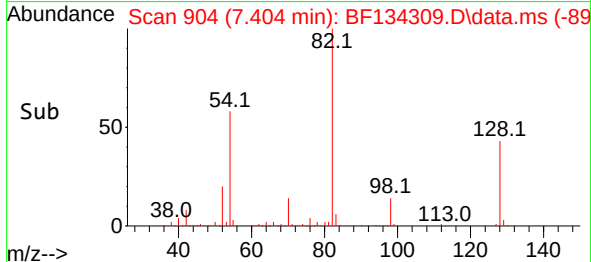
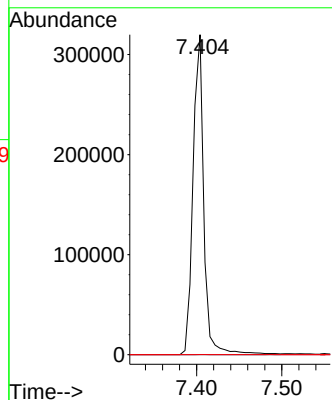
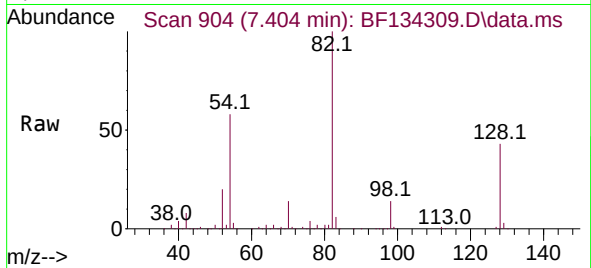




#25
Isophorone
Concen: 27.763 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

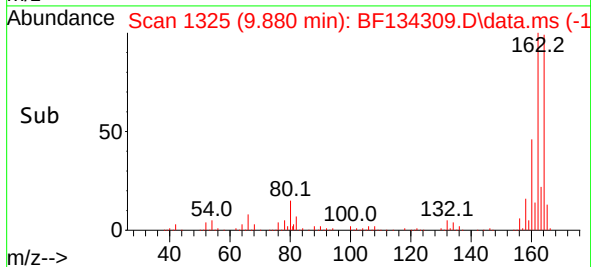
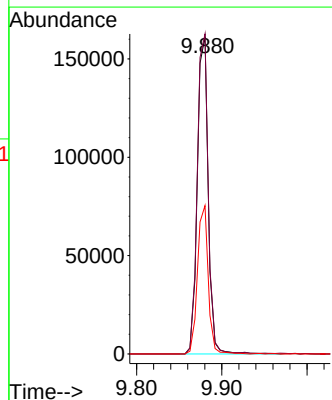
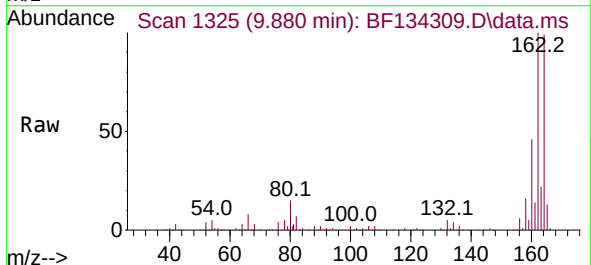
Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)

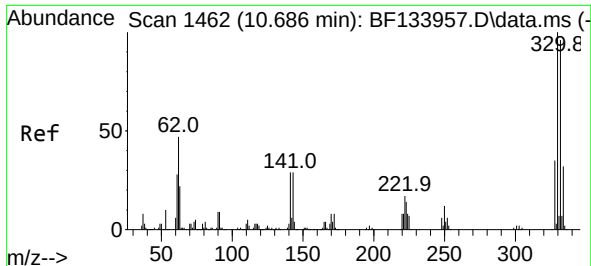
Tgt Ion: 82 Resp: 280775
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

Tgt Ion:164 Resp: 142950
Ion Ratio Lower Upper
164 100
162 100.9 80.0 120.0
160 46.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 69.896 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134309.D

Acq: 15 Jul 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RB-45-(0-2)

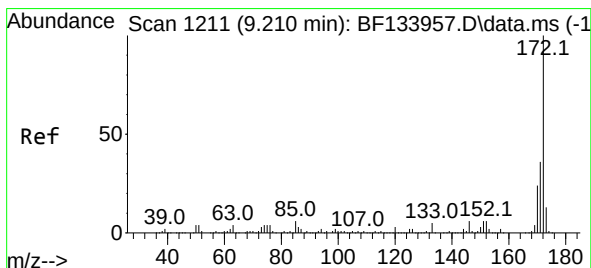
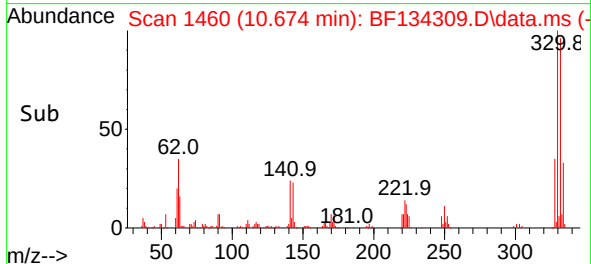
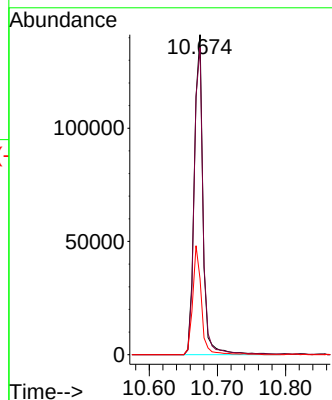
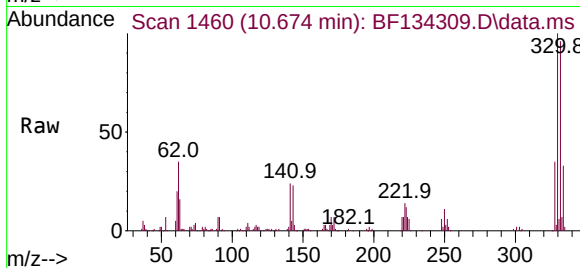
Tgt Ion:330 Resp: 125276

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

141 33.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 49.909 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134309.D

Acq: 15 Jul 2023 02:03

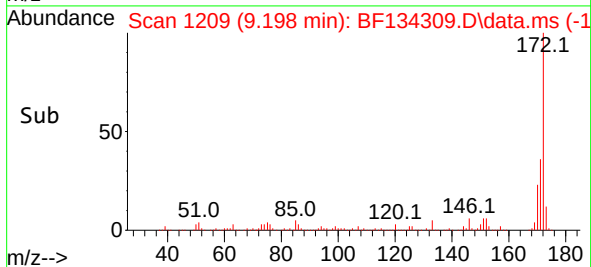
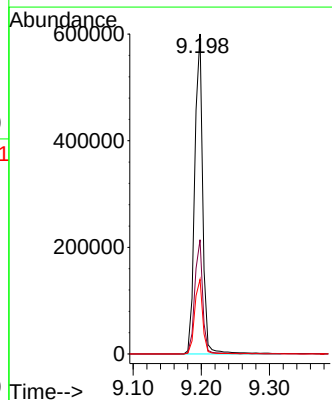
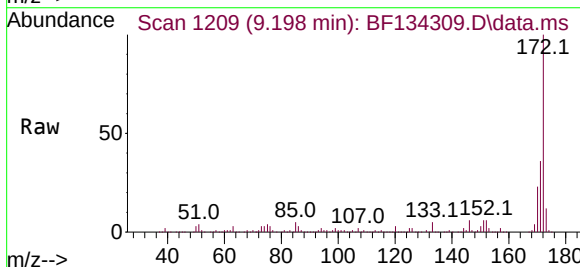
Tgt Ion:172 Resp: 490714

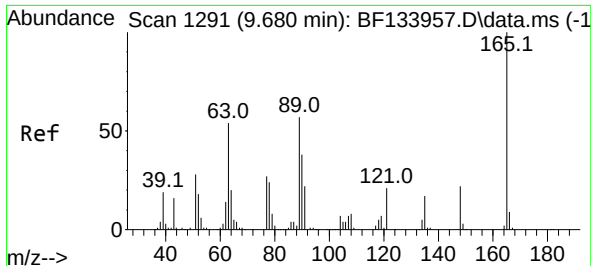
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.3 19.4 29.0

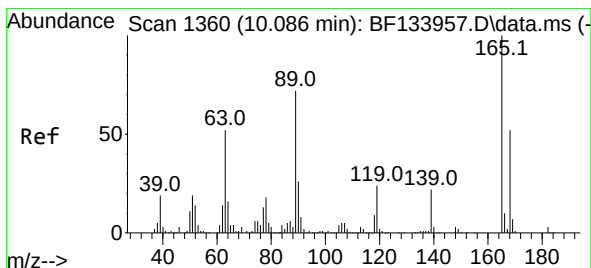
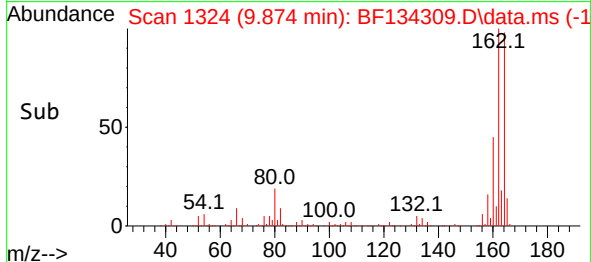
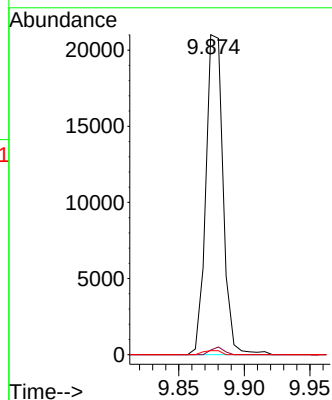
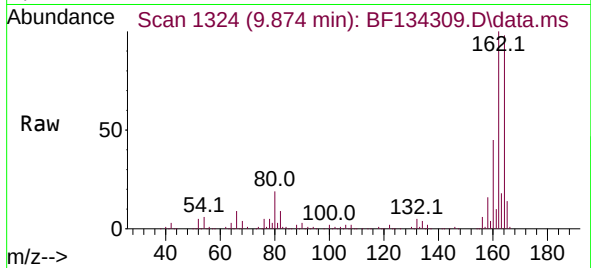




#51
2,6-Dinitrotoluene
Concen: 8.603 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

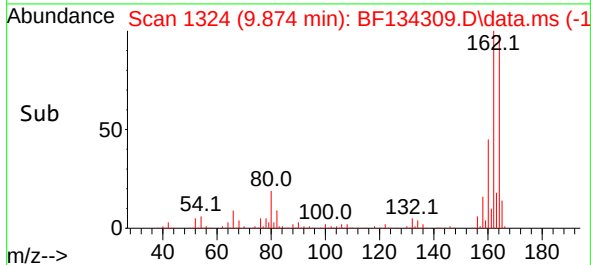
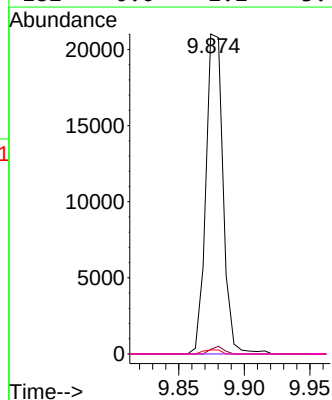
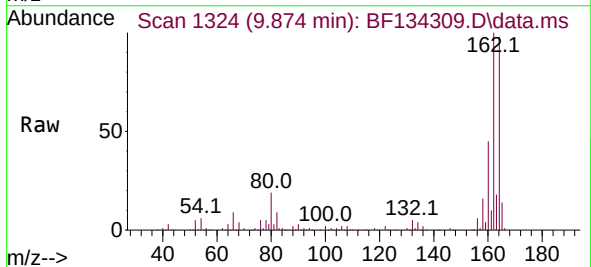
Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)

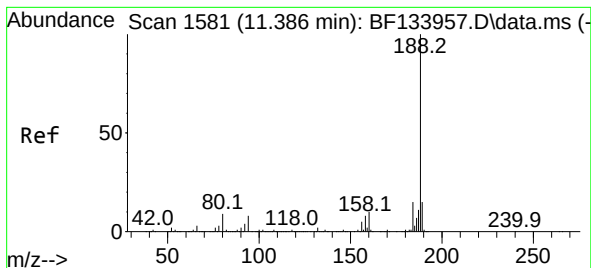
Tgt Ion:165 Resp: 19228
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 1.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.514 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

Tgt Ion:165 Resp: 19228
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.3 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: BF134309.D

Acq: 15 Jul 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RB-45-(0-2)

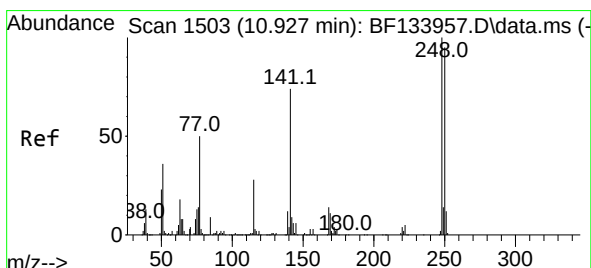
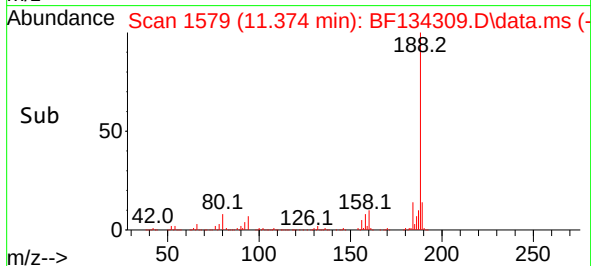
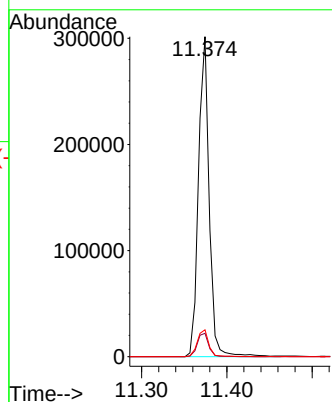
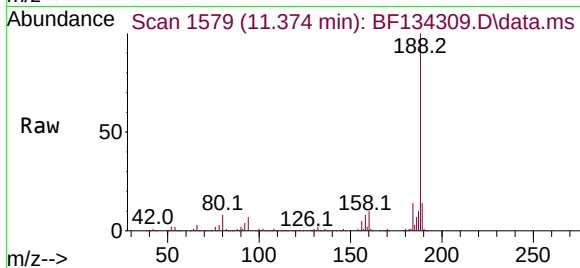
Tgt Ion:188 Resp: 263311

Ion Ratio Lower Upper

188 100

94 7.3 6.4 9.6

80 8.4 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 2.636 ng

RT: 10.668 min Scan# 1459

Delta R.T. -0.247 min

Lab File: BF134309.D

Acq: 15 Jul 2023 02:03

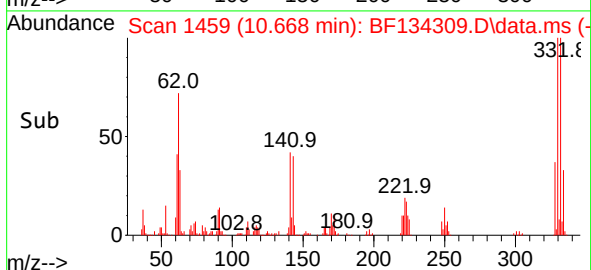
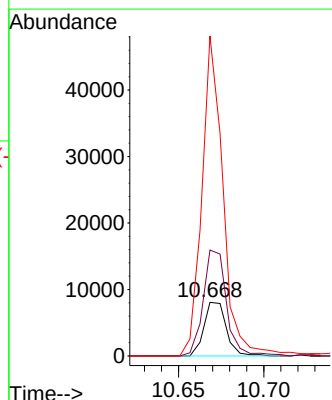
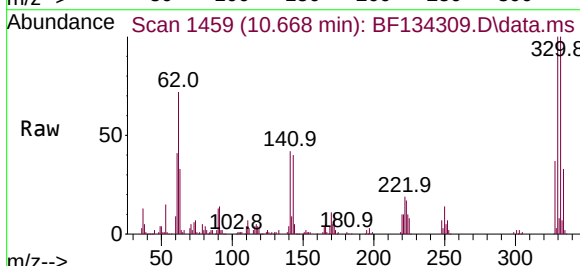
Tgt Ion:248 Resp: 7376

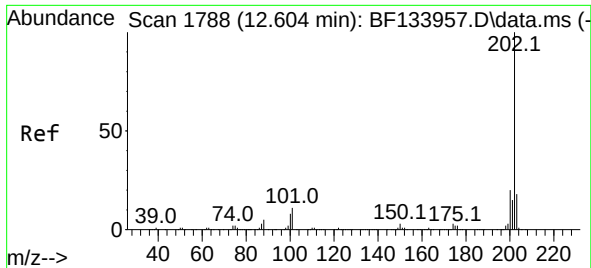
Ion Ratio Lower Upper

248 100

250 197.4 76.2 114.4#

141 596.8 59.0 88.4#

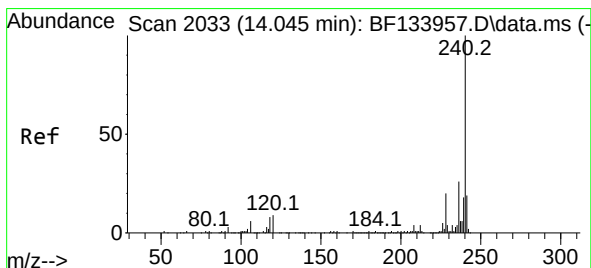
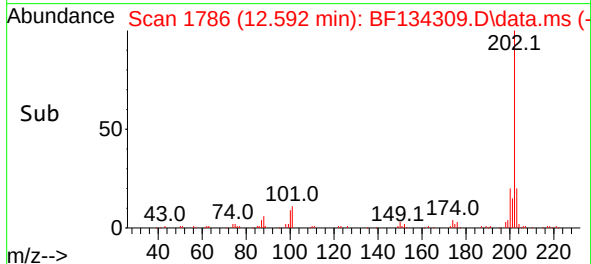
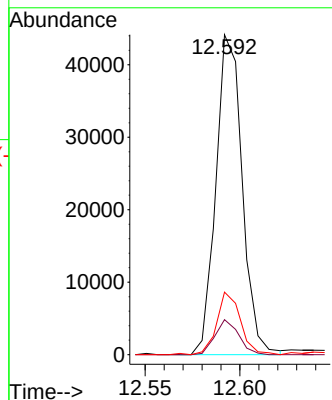
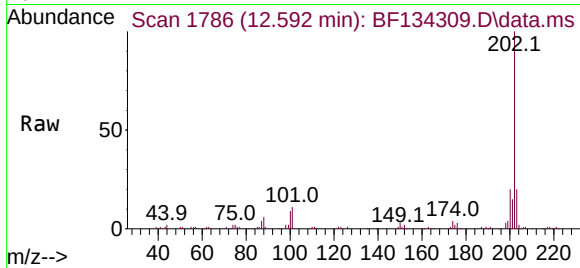




#75
Fluoranthene
Concen: 2.976 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

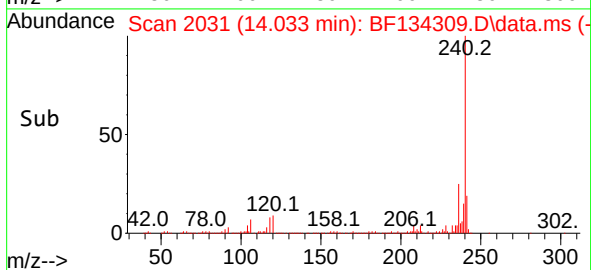
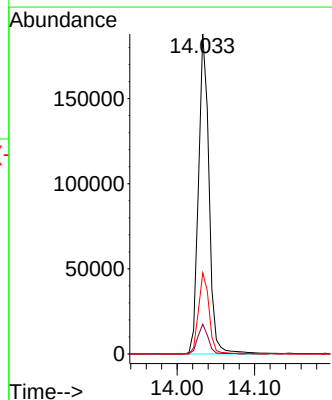
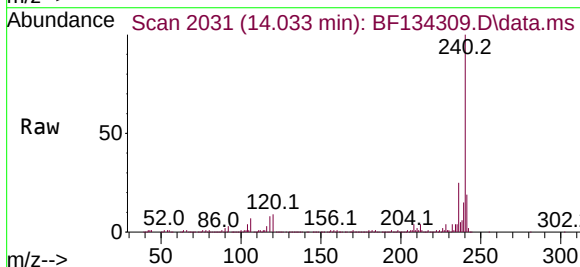
Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)

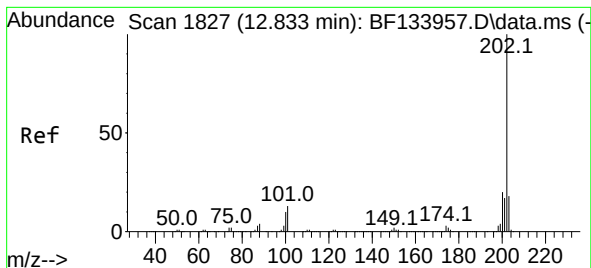
Tgt Ion:202 Resp: 42651
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.0
203 19.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

Tgt Ion:240 Resp: 177461
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 25.3 21.0 31.6





#78

Pyrene

Concen: 2.703 ng

RT: 12.827 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134309.D

Acq: 15 Jul 2023 02:03

Instrument :

BNA_F

ClientSampleId :

RB-45-(0-2)

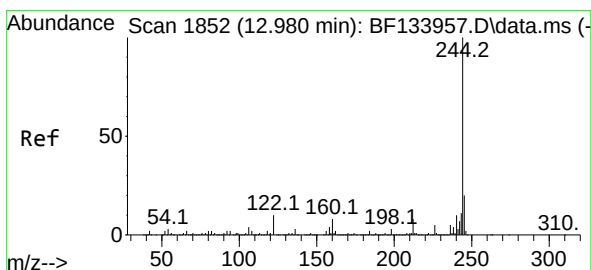
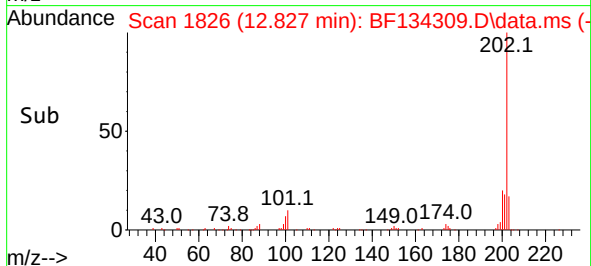
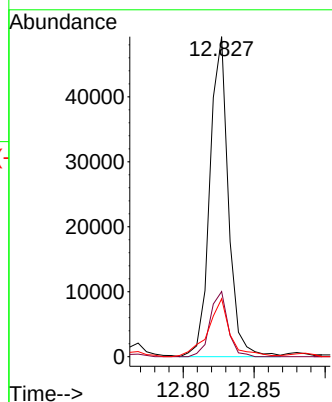
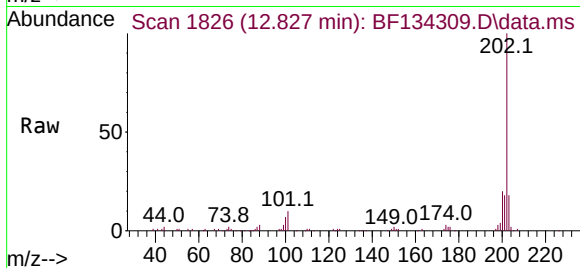
Tgt Ion:202 Resp: 44640

Ion Ratio Lower Upper

202 100

200 20.3 16.1 24.1

203 18.1 14.3 21.5



#79

Terphenyl-d14

Concen: 41.146 ng

RT: 12.968 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF134309.D

Acq: 15 Jul 2023 02:03

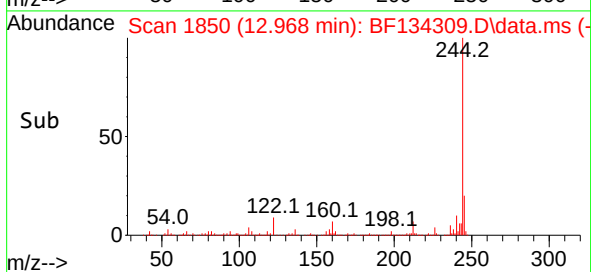
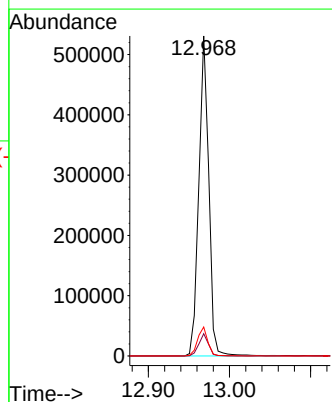
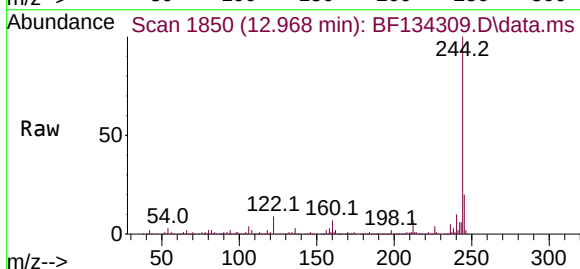
Tgt Ion:244 Resp: 453692

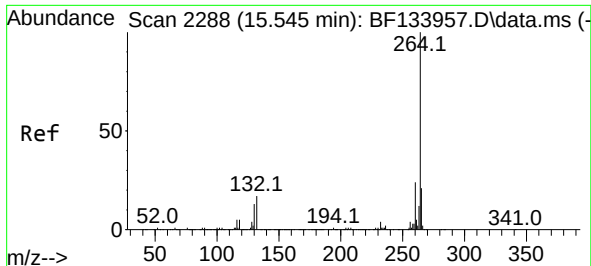
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 9.1 8.3 12.5

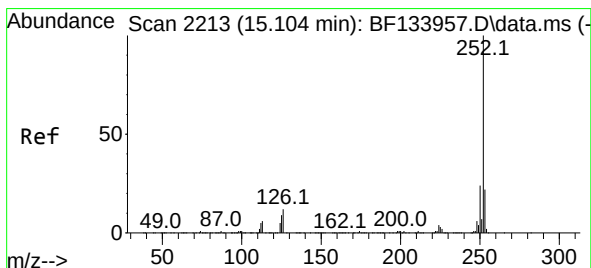
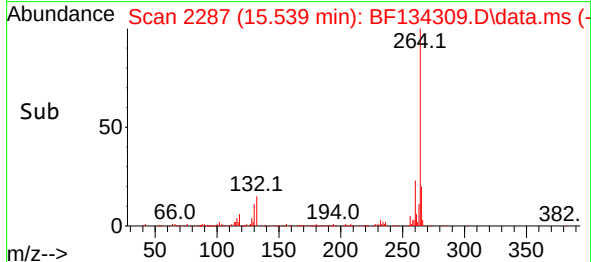
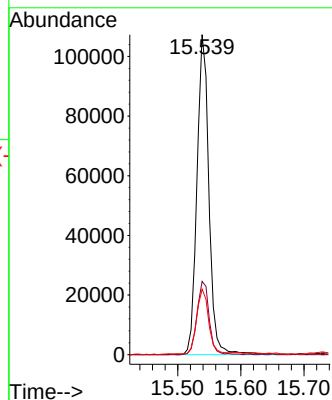
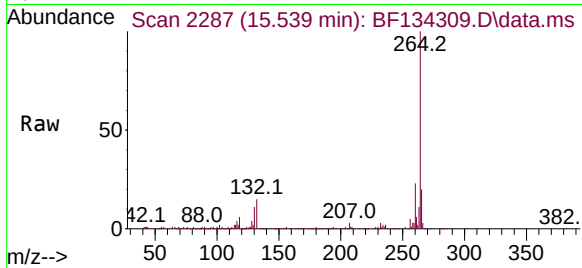




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

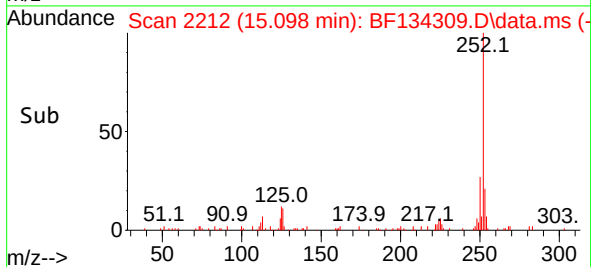
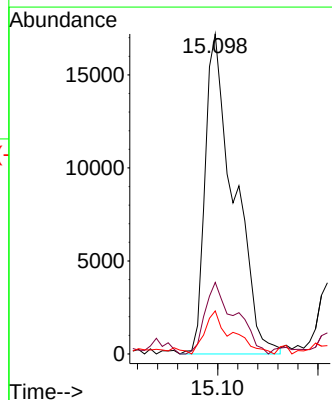
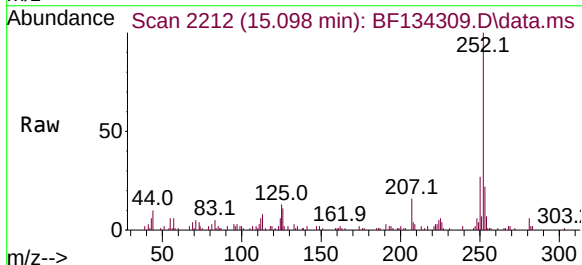
Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)

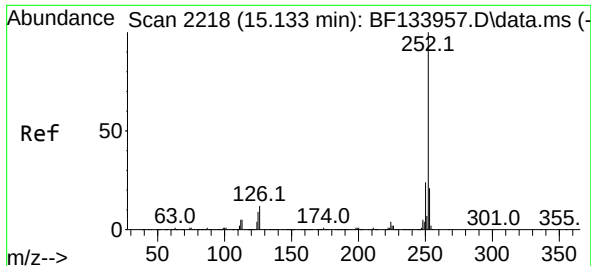
Tgt Ion:264 Resp: 141275
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 20.4 16.6 25.0



#88
Benzo(b)fluoranthene
Concen: 4.155 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

Tgt Ion:252 Resp: 34514
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 13.4 7.1 10.7#

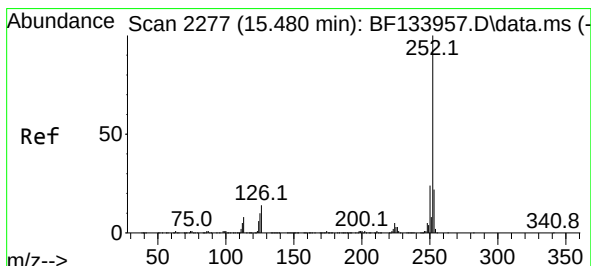
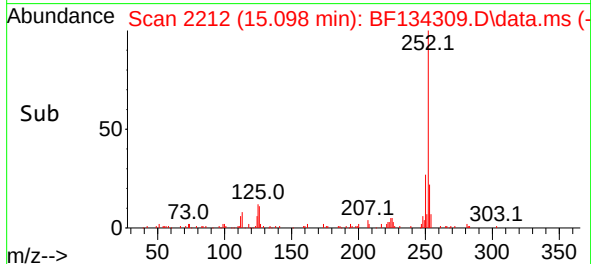
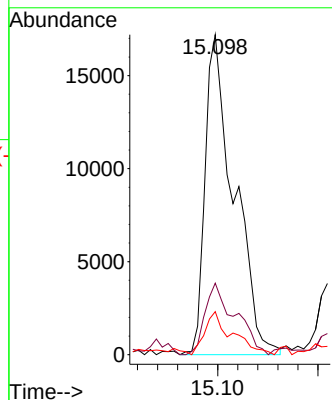
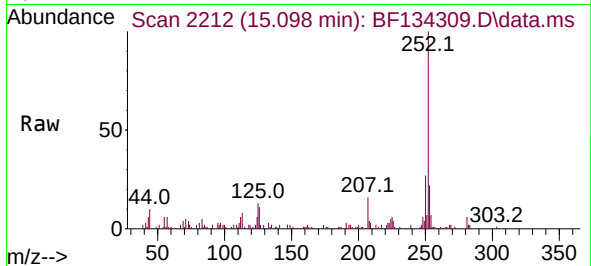




#89
Benzo(k)fluoranthene
Concen: 4.081 ng
RT: 15.098 min Scan# 211
Delta R.T. -0.035 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

Instrument :
BNA_F
ClientSampleId :
RB-45-(0-2)

Tgt Ion:252 Resp: 34514
Ion Ratio Lower Upper
252 100
253 22.3 16.9 25.3
125 13.4 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 2.258 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF134309.D
Acq: 15 Jul 2023 02:03

Tgt Ion:252 Resp: 18139
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.4 8.4 12.6

