

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134445.D
 Acq On : 24 Jul 2023 23:55
 Operator : CG\JU
 Sample : 03668-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48719

Quant Time: Jul 25 02:55:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

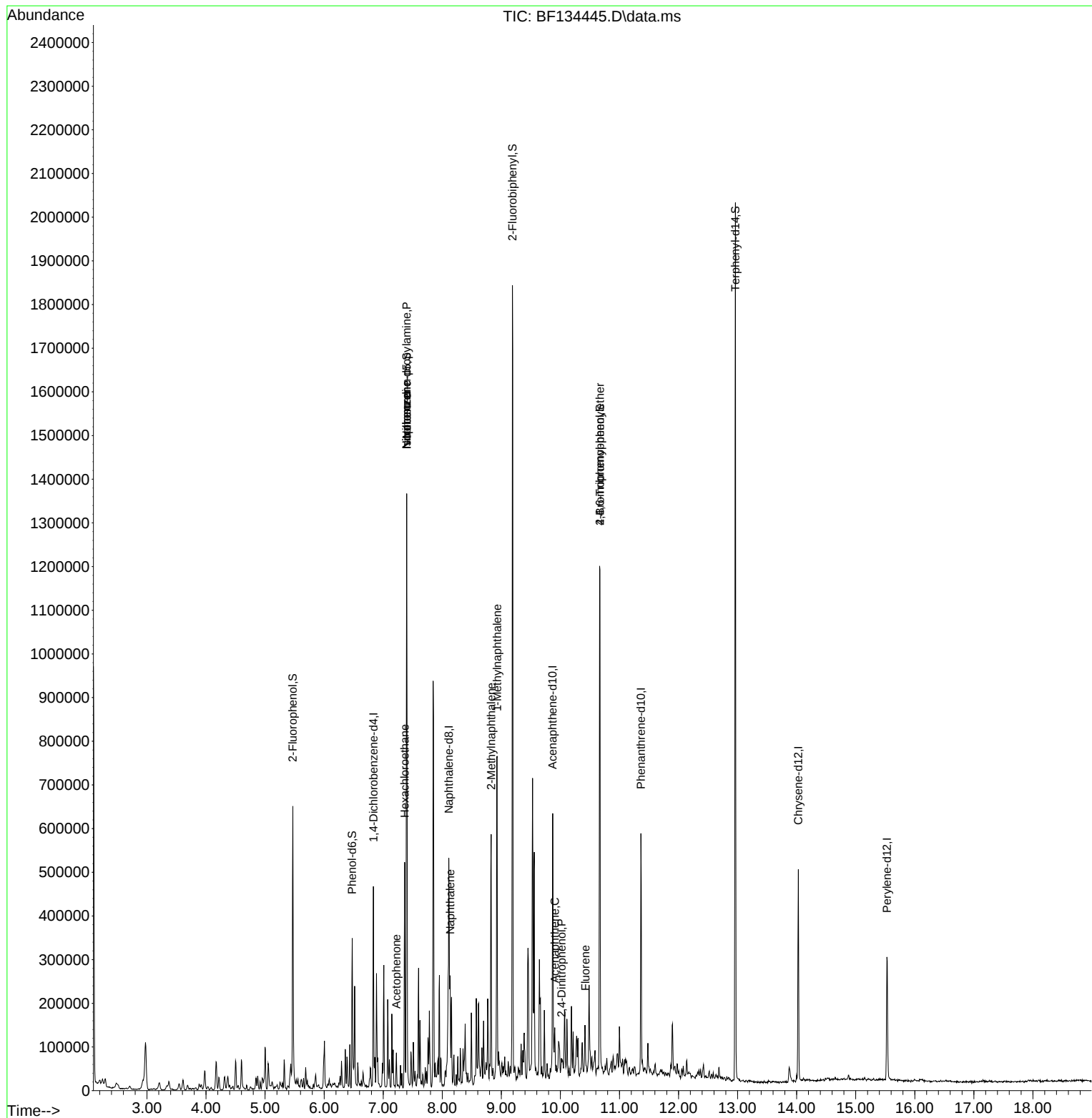
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	62847	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	200135	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	101021	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	203188	20.000	ng	0.00
76) Chrysene-d12	14.027	240	155895	20.000	ng	0.00
86) Perylene-d12	15.527	264	139402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	174115	45.773	ng	0.00
7) Phenol-d6	6.475	99	111582	23.942	ng	0.00
23) Nitrobenzene-d5	7.398	82	284149	71.833	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	155618	108.420	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	543577	70.639	ng	0.00
79) Terphenyl-d14	12.963	244	655092	73.355	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.363	117	34329	20.953	ng	# 1
19) n-Nitroso-di-n-propyla...	7.398	70	40690	14.025	ng	# 74
22) Acetophenone	7.222	105	23168	4.655	ng	# 48
24) Nitrobenzene	7.398	77	9238	2.348	ng	# 16
25) Isophorone	7.398	82	284149	43.101	ng	# 65
31) Naphthalene	8.134	128	53790	5.400	ng	# 91
37) 2-Methylnaphthalene	8.828	142	134019	19.365	ng	99
38) 1-Methylnaphthalene	8.928	142	182796	28.471	ng	97
52) Acenaphthene	9.904	154	17840	2.912	ng	93
54) 2,4-Dinitrophenol	10.022	184	67	6.640	ng	# 1
58) Fluorene	10.422	166	22672	2.981	ng	98
67) 4-Bromophenyl-phenylether	10.669	248	9118	4.096	ng	# 1

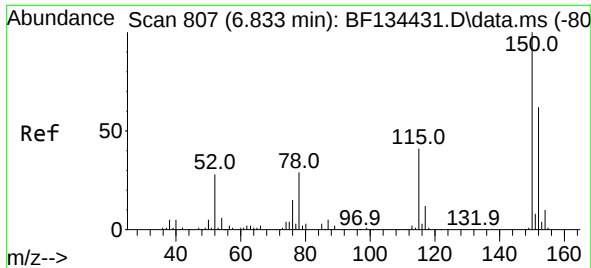
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134445.D
Acq On : 24 Jul 2023 23:55
Operator : CG\JU
Sample : 03668-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48719

Quant Time: Jul 25 02:55:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

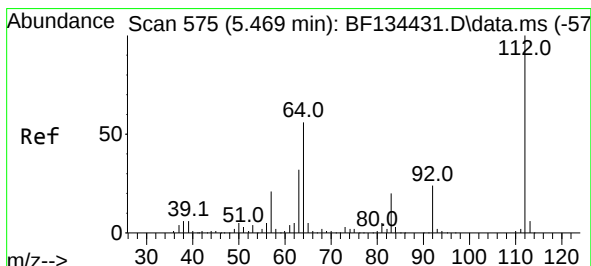
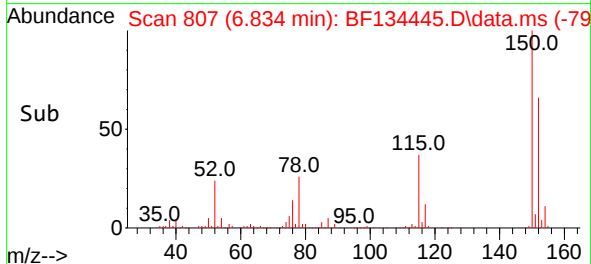
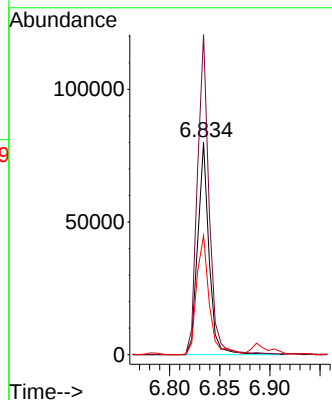
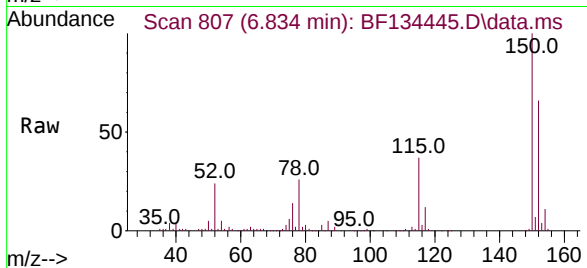




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 807
 Delta R.T. 0.001 min
 Lab File: BF134445.D
 Acq: 24 Jul 2023 23:55

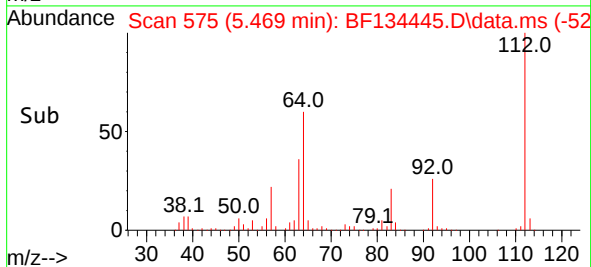
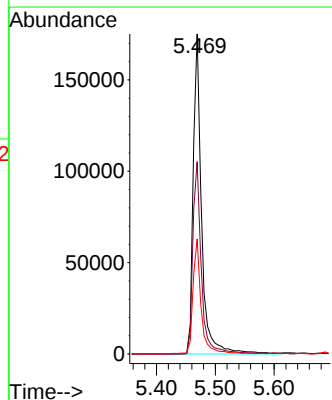
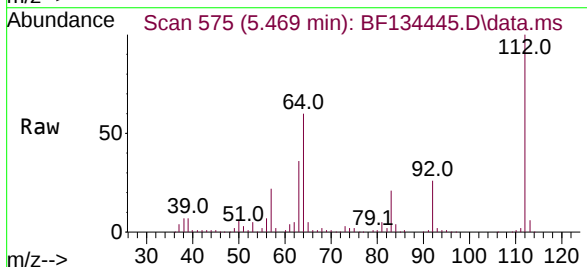
Instrument :
 BNA_F
 ClientSampleId :
 N48719

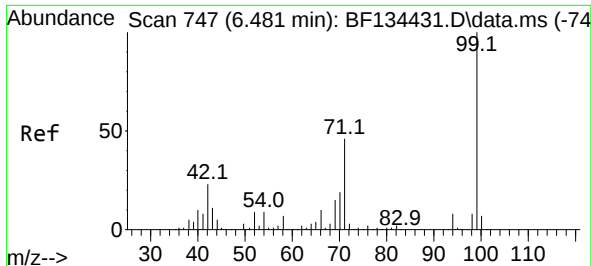
Tgt Ion:152 Resp: 62847
 Ion Ratio Lower Upper
 152 100
 150 150.7 128.3 192.5
 115 56.1 52.4 78.6



#5
 2-Fluorophenol
 Concen: 45.773 ng
 RT: 5.469 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: BF134445.D
 Acq: 24 Jul 2023 23:55

Tgt Ion:112 Resp: 174115
 Ion Ratio Lower Upper
 112 100
 64 60.1 44.9 67.3
 63 35.9 25.4 38.0





#7

Phenol-d6

Concen: 23.942 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF134445.D

Acq: 24 Jul 2023 23:55

Instrument :

BNA_F

ClientSampleId :

N48719

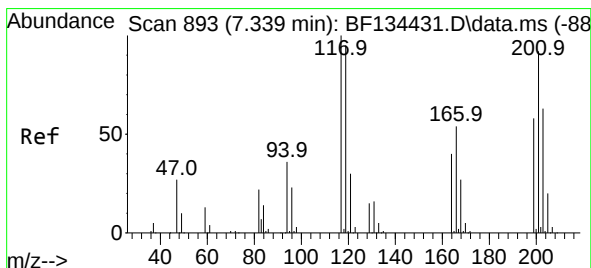
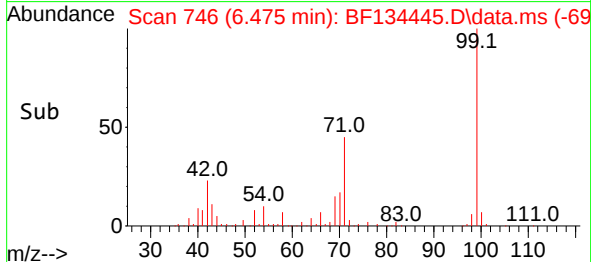
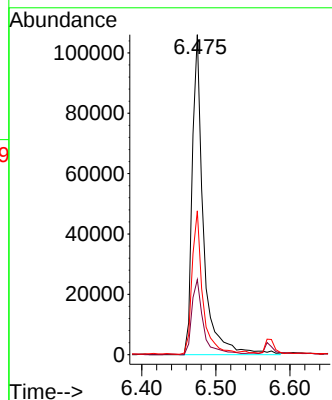
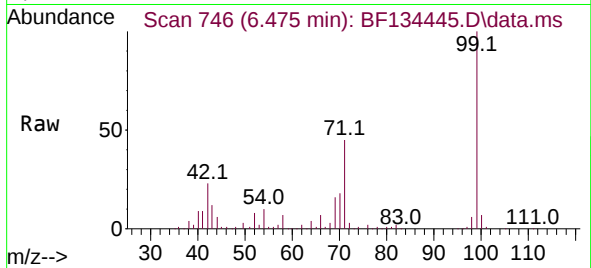
Tgt Ion: 99 Resp: 111582

Ion Ratio Lower Upper

99 100

42 23.5 18.7 28.1

71 44.9 36.4 54.6



#18

Hexachloroethane

Concen: 20.953 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.024 min

Lab File: BF134445.D

Acq: 24 Jul 2023 23:55

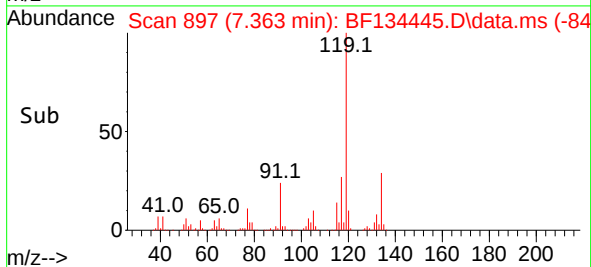
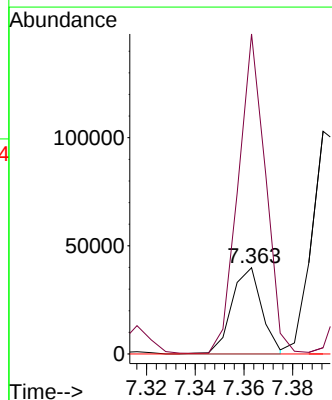
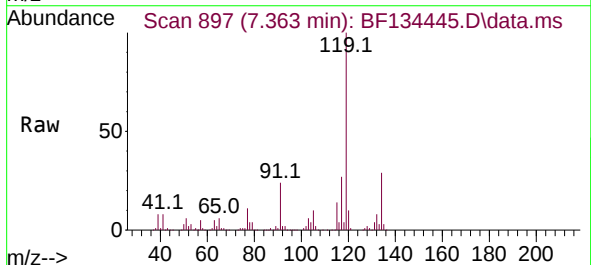
Tgt Ion:117 Resp: 34329

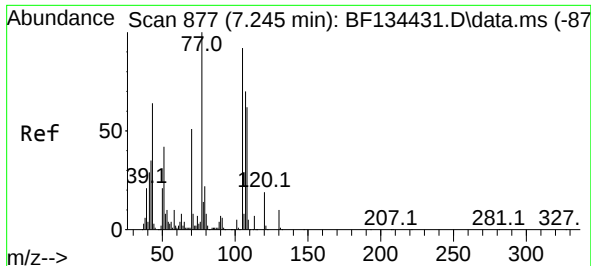
Ion Ratio Lower Upper

117 100

119 371.0 75.8 113.8#

201 0.0 73.6 110.4#

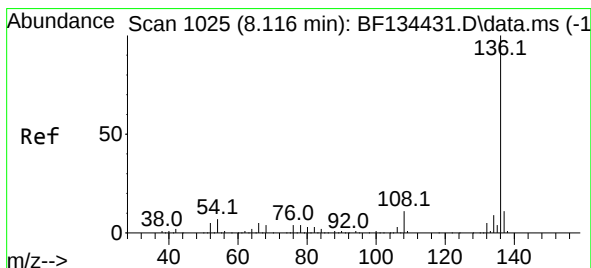
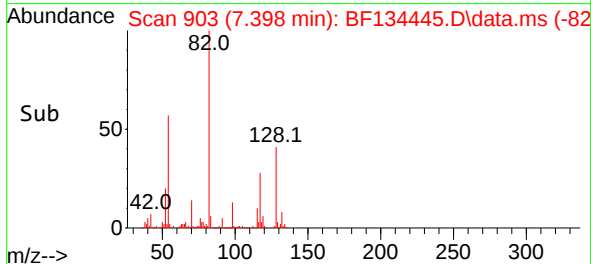
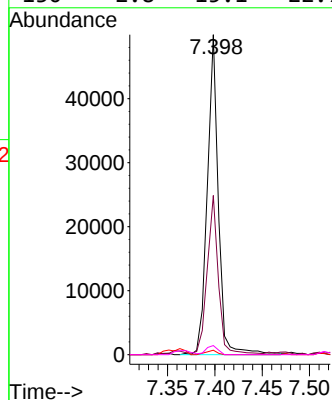
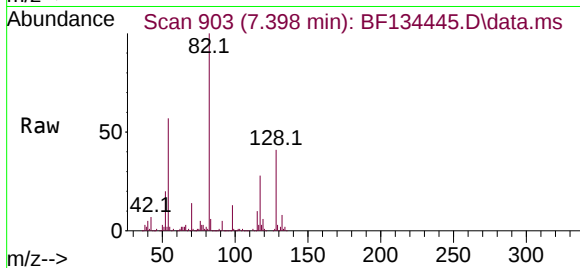




#19
n-Nitroso-di-n-propylamine
Concen: 14.025 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.153 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

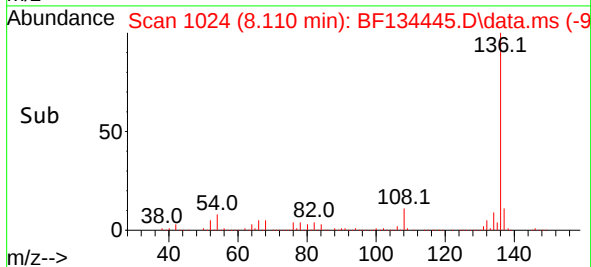
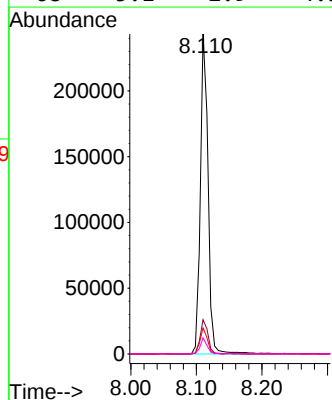
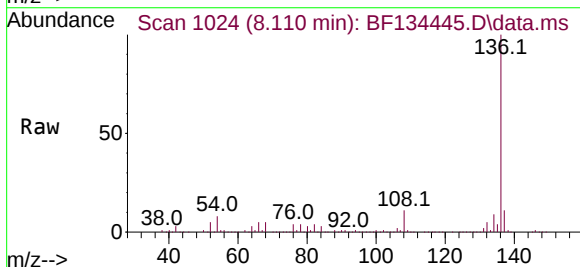
Instrument :
BNA_F
ClientSampleId :
N48719

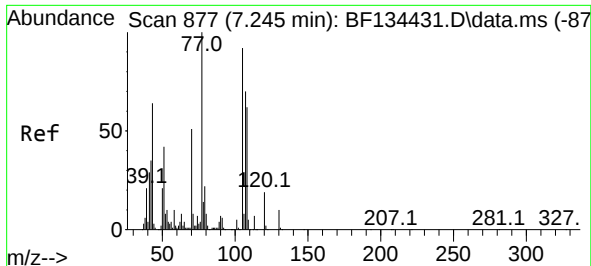
Tgt Ion: 70 Resp: 40690
Ion Ratio Lower Upper
70 100
42 49.8 54.7 82.1#
101 1.4 8.2 12.2#
130 2.8 15.1 22.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

Tgt Ion:136 Resp: 200135
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.1 5.2 7.8#
68 5.1 2.9 4.3#

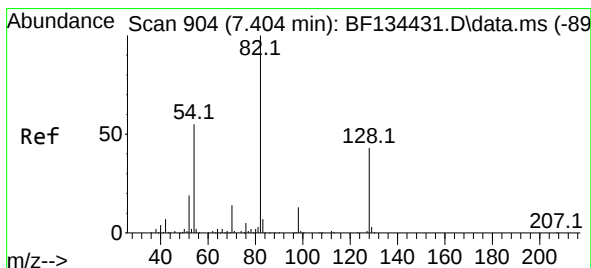
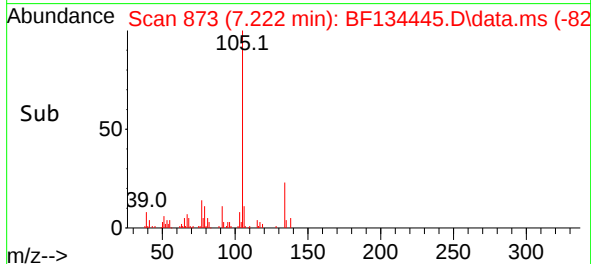
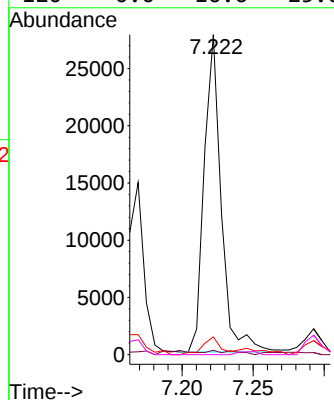
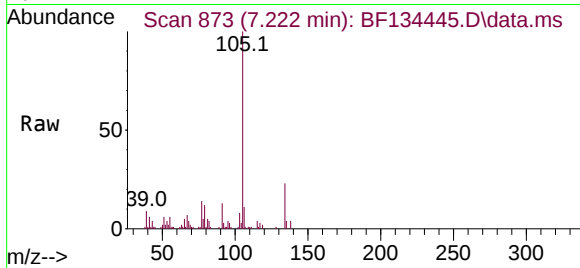




#22
 Acetophenone
 Concen: 4.655 ng
 RT: 7.222 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BF134445.D
 Acq: 24 Jul 2023 23:55

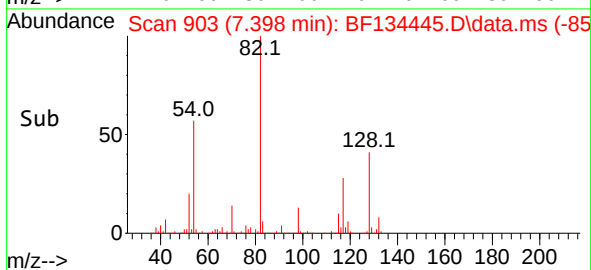
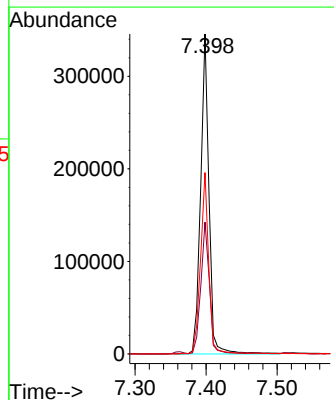
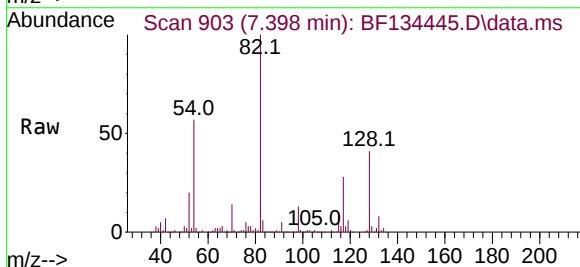
Instrument :
 BNA_F
 ClientSampleId :
 N48719

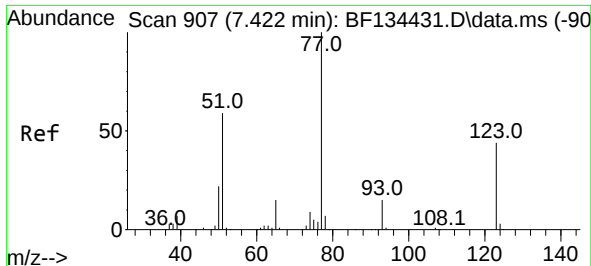
Tgt Ion: 105 Resp: 23168
 Ion Ratio Lower Upper
 105 100
 71 1.4 7.4 11.0#
 51 5.6 36.4 54.6#
 120 0.0 16.6 25.0#



#23
 Nitrobenzene-d5
 Concen: 71.833 ng
 RT: 7.398 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: BF134445.D
 Acq: 24 Jul 2023 23:55

Tgt Ion: 82 Resp: 284149
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.3 51.5
 54 56.7 43.8 65.6

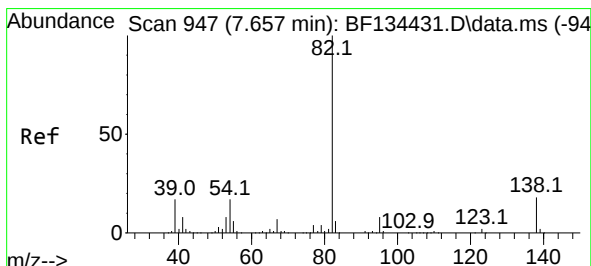
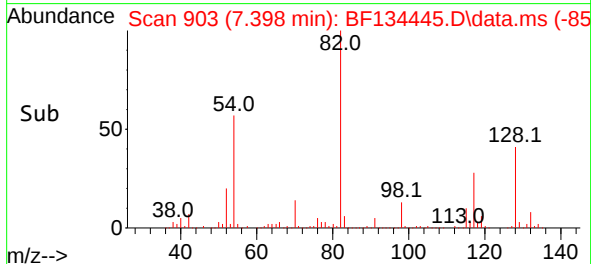
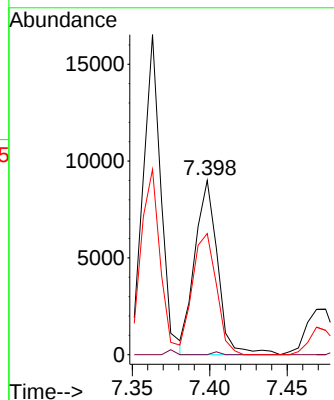
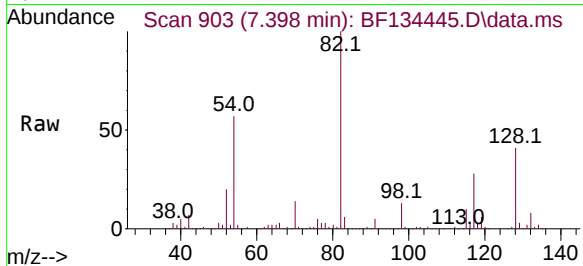




#24
Nitrobenzene
Concen: 2.348 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.023 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

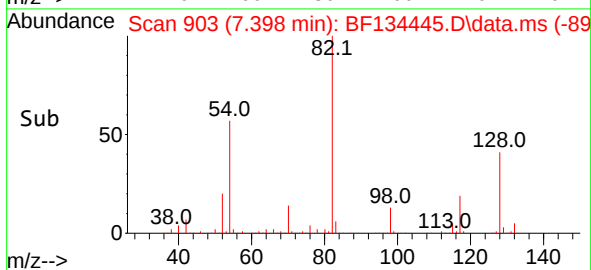
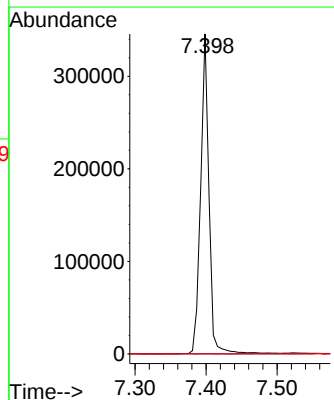
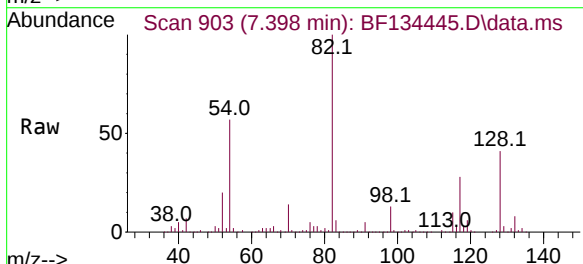
Instrument :
BNA_F
ClientSampleId :
N48719

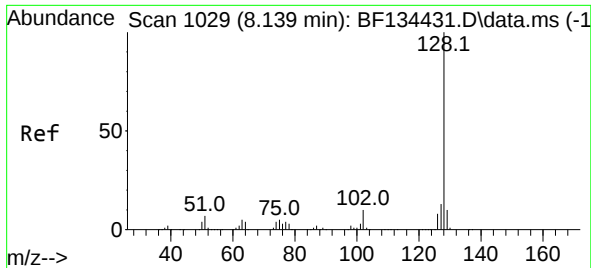
Tgt Ion: 77 Resp: 9238
Ion Ratio Lower Upper
77 100
123 0.0 35.5 53.3#
65 69.5 11.9 17.9#



#25
Isophorone
Concen: 43.101 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.259 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

Tgt Ion: 82 Resp: 284149
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.6 22.0#

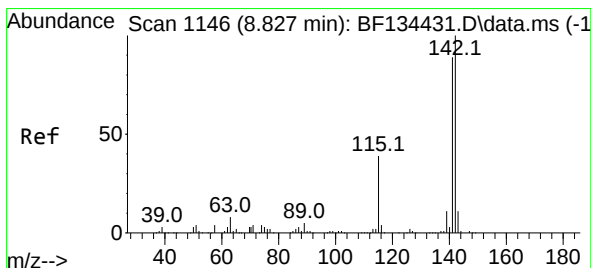
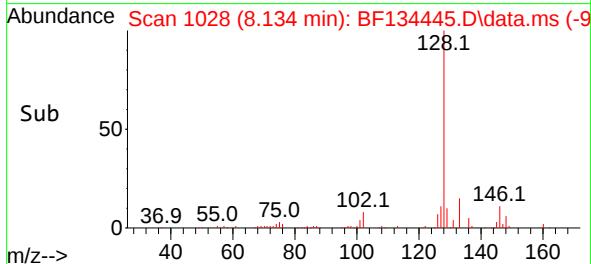
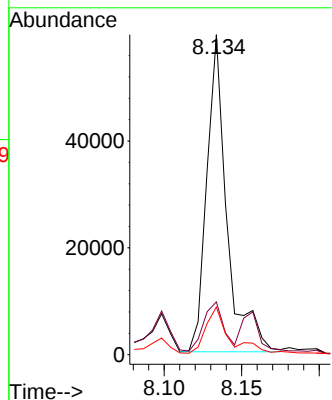
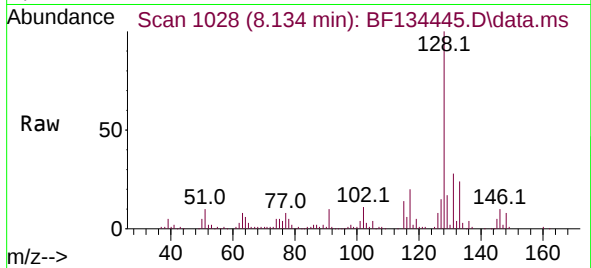




#31
Naphthalene
Concen: 5.400 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

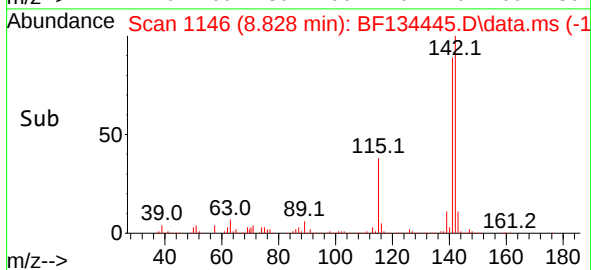
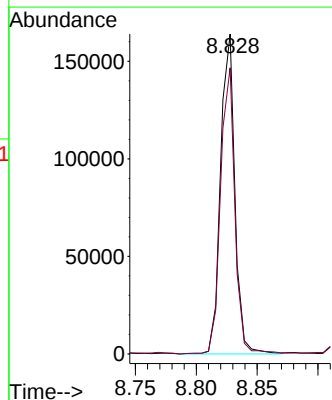
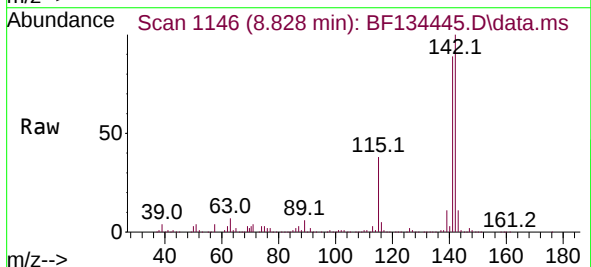
Instrument :
BNA_F
ClientSampleId :
N48719

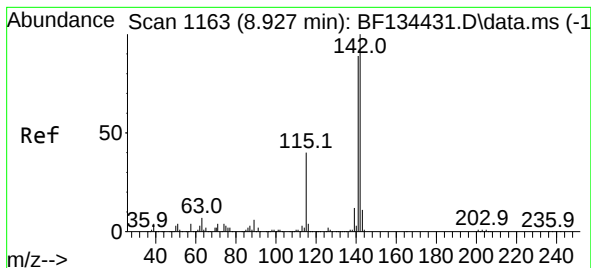
Tgt Ion:128 Resp: 53790
Ion Ratio Lower Upper
128 100
129 16.5 8.4 12.6#
127 14.9 10.7 16.1



#37
2-Methylnaphthalene
Concen: 19.365 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

Tgt Ion:142 Resp: 134019
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2





#38

1-Methylnaphthalene

Concen: 28.471 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF134445.D

Acq: 24 Jul 2023 23:55

Instrument :

BNA_F

ClientSampleId :

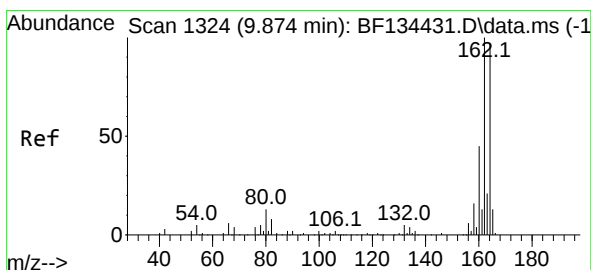
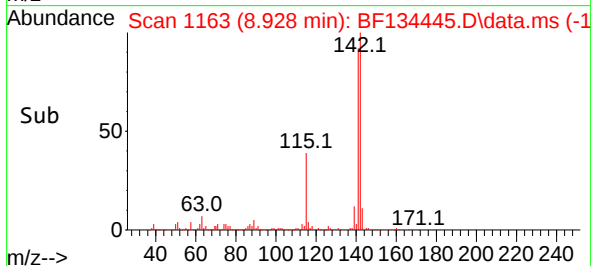
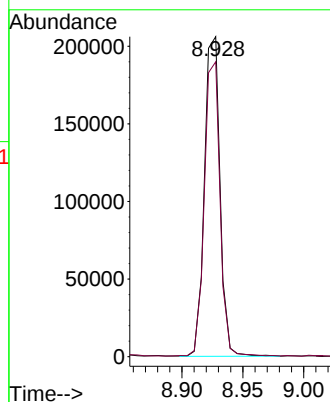
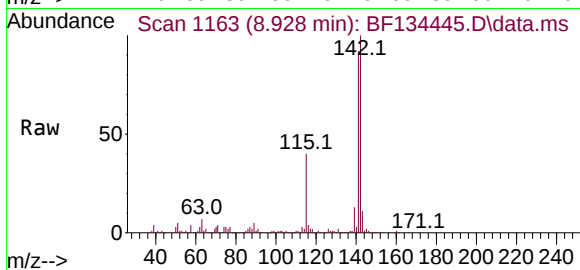
N48719

Tgt Ion:142 Resp: 182796

Ion Ratio Lower Upper

142 100

141 92.1 71.4 107.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF134445.D

Acq: 24 Jul 2023 23:55

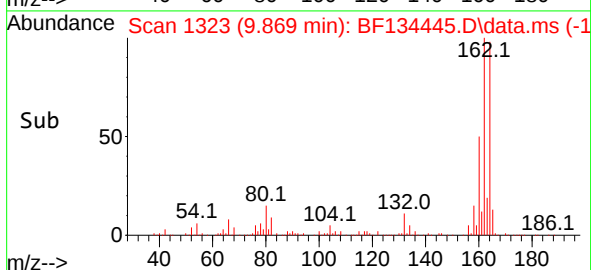
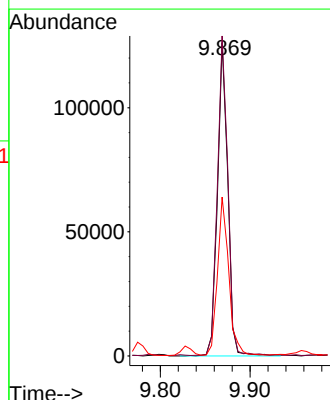
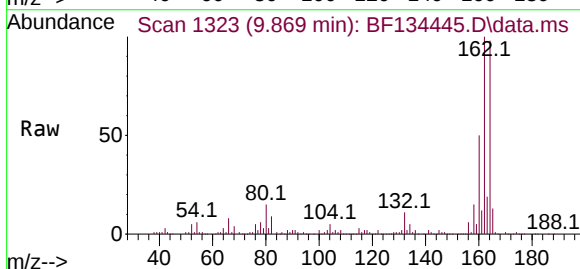
Tgt Ion:164 Resp: 101021

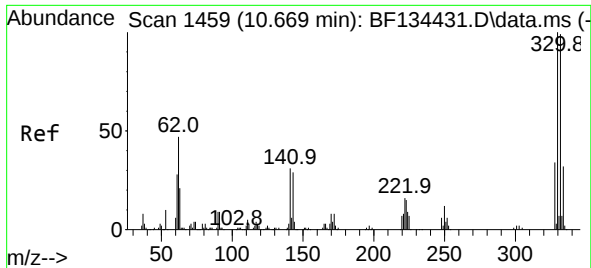
Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

160 50.7 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 108.420 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF134445.D

Acq: 24 Jul 2023 23:55

Instrument :

BNA_F

ClientSampleId :

N48719

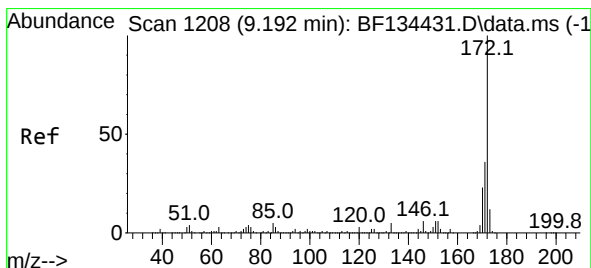
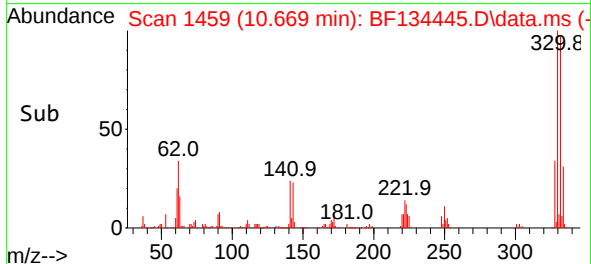
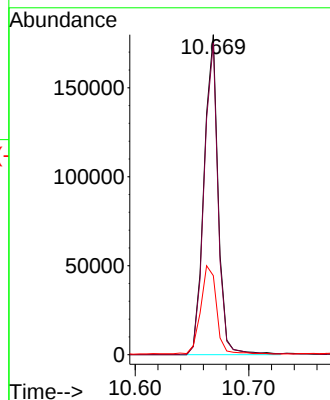
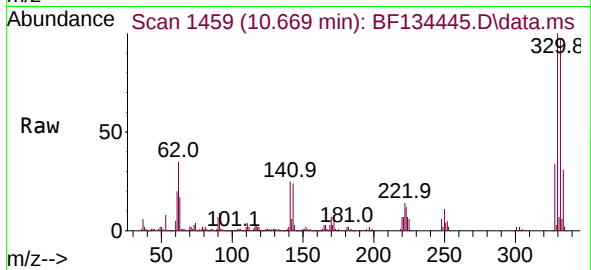
Tgt Ion:330 Resp: 155618

Ion Ratio Lower Upper

330 100

332 96.4 78.8 118.2

141 31.7 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 70.639 ng

RT: 9.187 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF134445.D

Acq: 24 Jul 2023 23:55

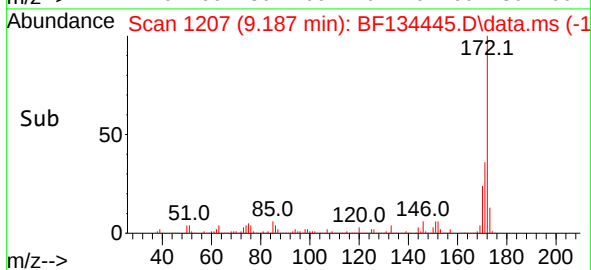
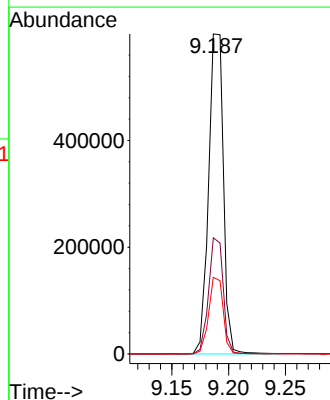
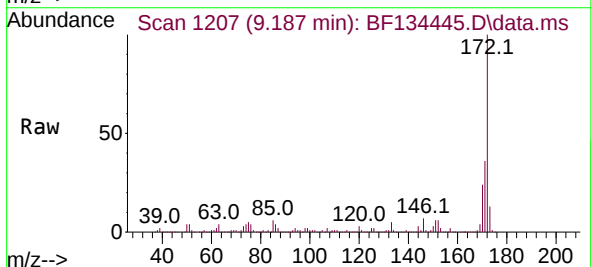
Tgt Ion:172 Resp: 543577

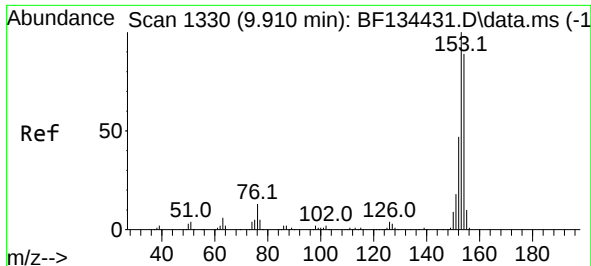
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.0 18.7 28.1

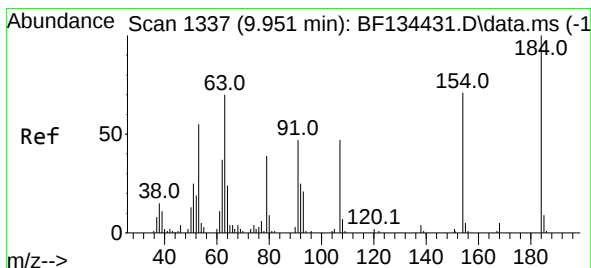
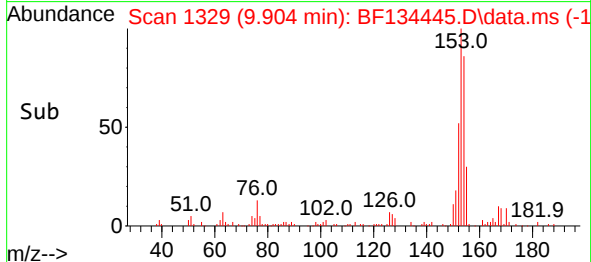
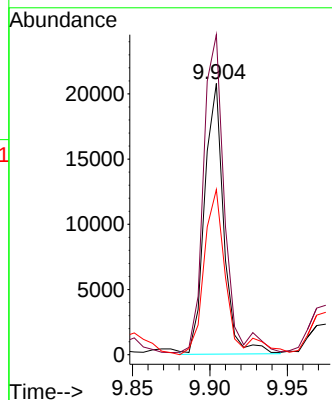
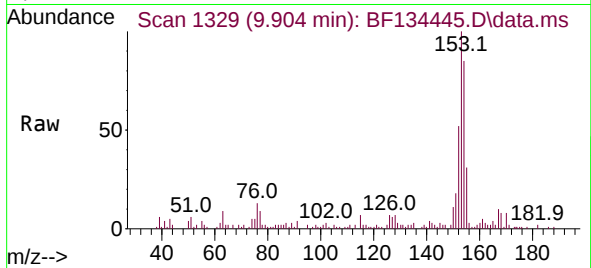




#52
Acenaphthene
Concen: 2.912 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

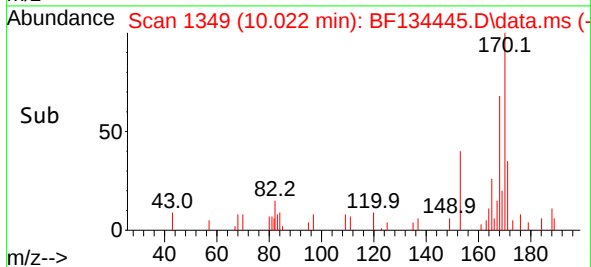
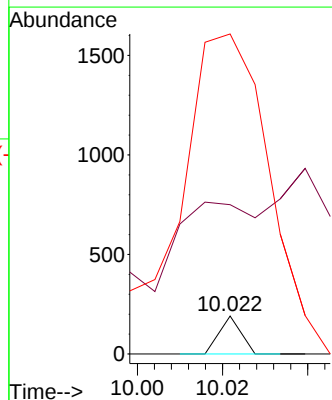
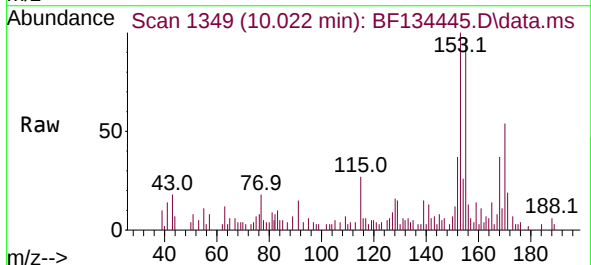
Instrument :
BNA_F
ClientSampleId :
N48719

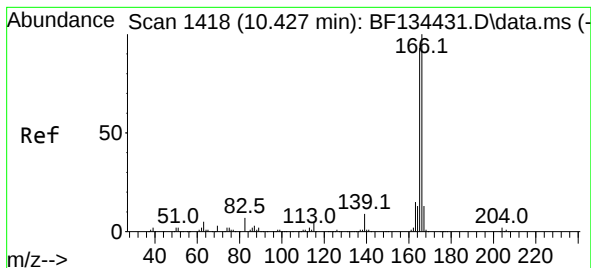
Tgt Ion:154 Resp: 17840
Ion Ratio Lower Upper
154 100
153 118.0 90.0 135.0
152 60.9 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 6.640 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.071 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 392.7 57.1 85.7#
154 841.9 59.1 88.7#





#58

Fluorene

Concen: 2.981 ng

RT: 10.422 min Scan# 1418

Delta R.T. -0.005 min

Lab File: BF134445.D

Acq: 24 Jul 2023 23:55

Instrument :

BNA_F

ClientSampleId :

N48719

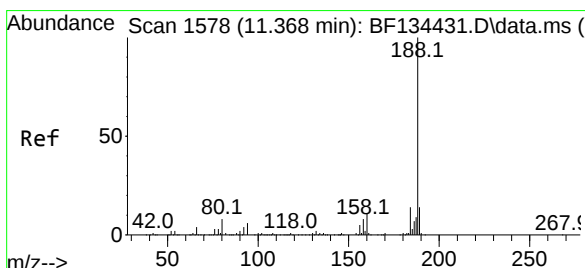
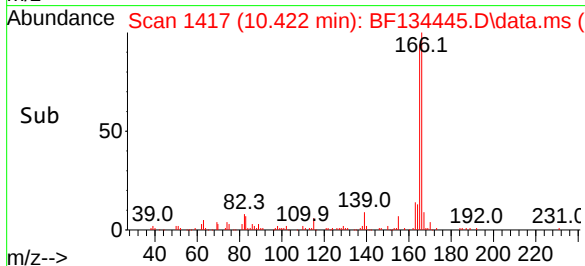
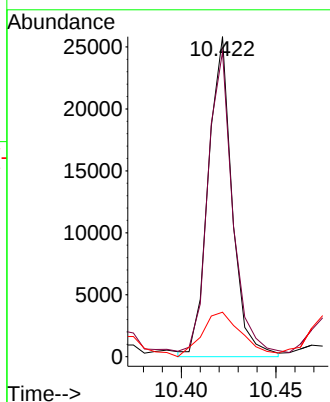
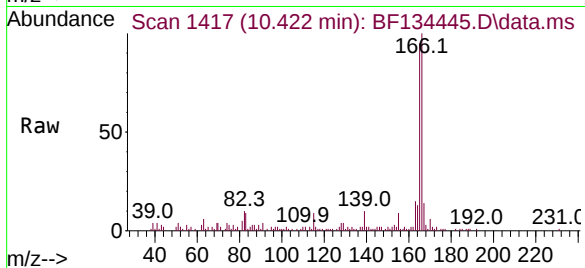
Tgt Ion:166 Resp: 22672

Ion Ratio Lower Upper

166 100

165 95.3 74.5 111.7

167 13.9 10.6 16.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF134445.D

Acq: 24 Jul 2023 23:55

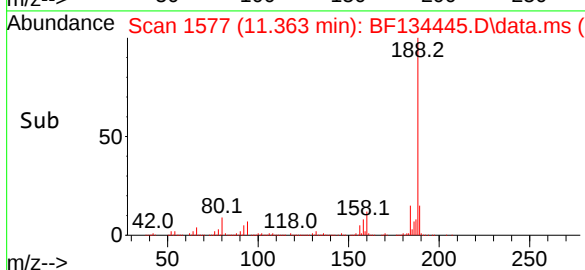
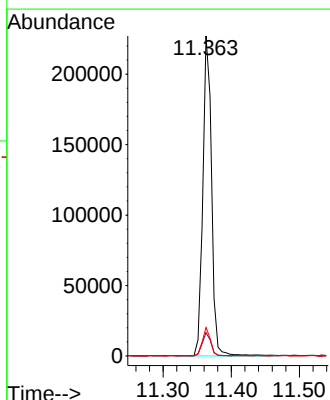
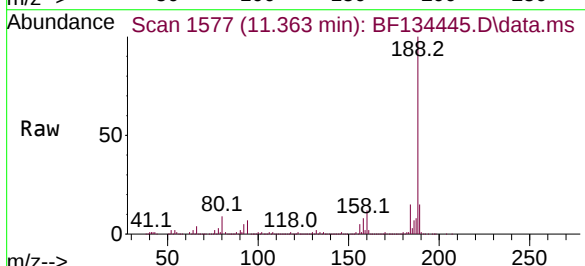
Tgt Ion:188 Resp: 203188

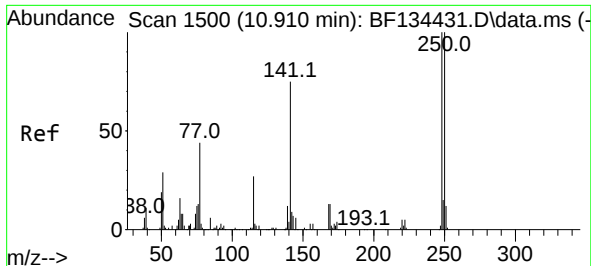
Ion Ratio Lower Upper

188 100

94 7.3 5.1 7.7

80 8.9 6.6 9.8

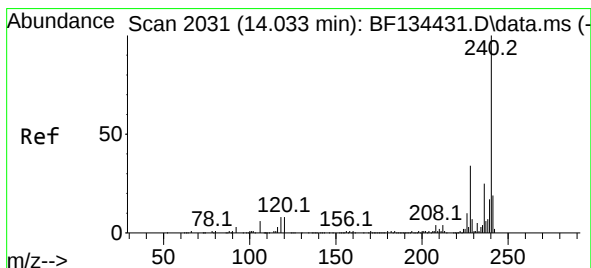
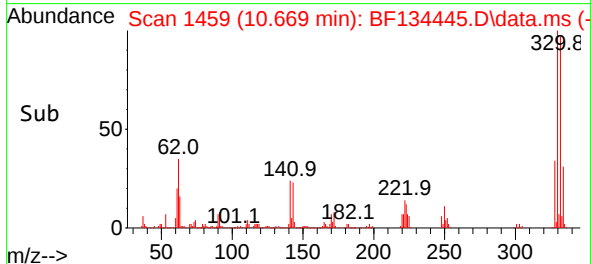
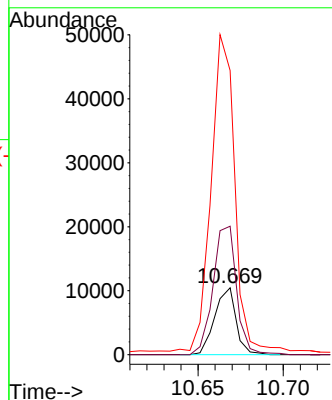
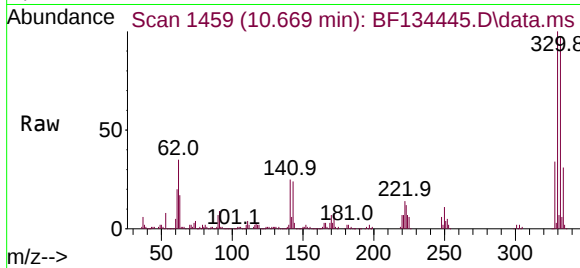




#67
4-Bromophenyl-phenylether
Concen: 4.096 ng
RT: 10.669 min Scan# 141
Delta R.T. -0.241 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

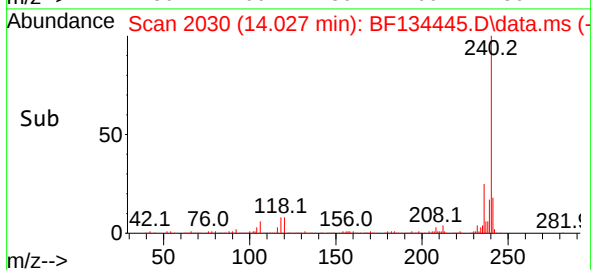
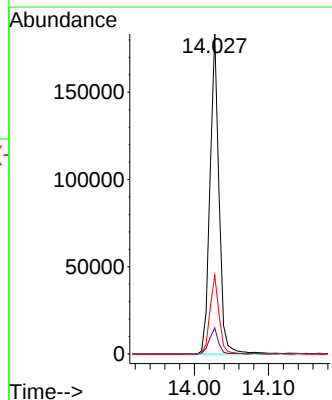
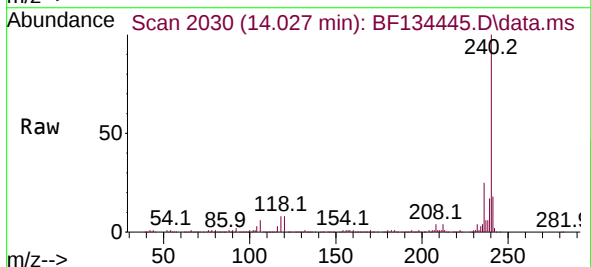
Instrument :
BNA_F
ClientSampleId :
N48719

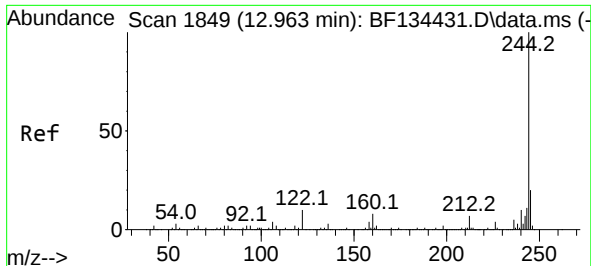
Tgt Ion:248 Resp: 9118
Ion Ratio Lower Upper
248 100
250 191.8 79.6 119.4#
141 424.4 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134445.D
Acq: 24 Jul 2023 23:55

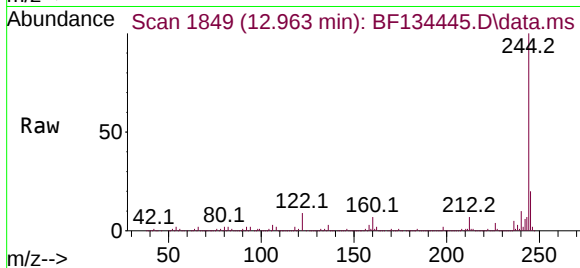
Tgt Ion:240 Resp: 155895
Ion Ratio Lower Upper
240 100
120 8.2 6.6 10.0
236 24.5 20.2 30.2



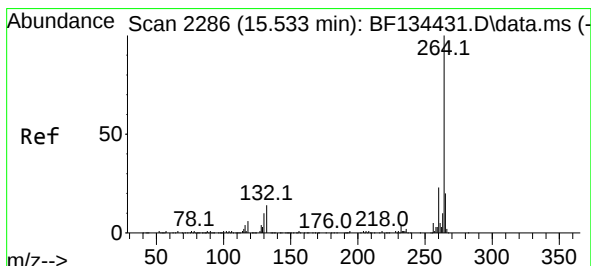
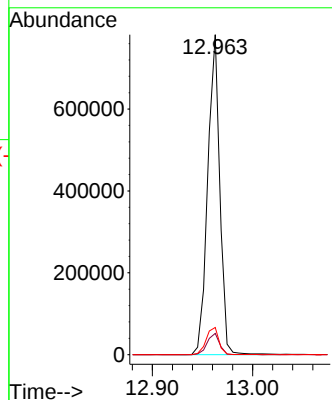
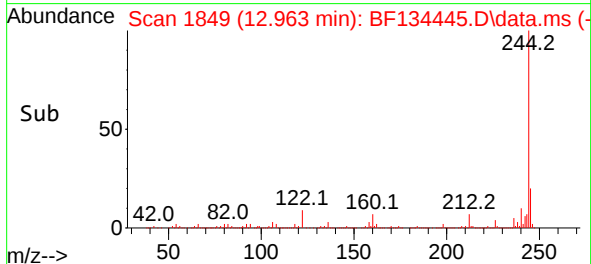


#79
 Terphenyl-d14
 Concen: 73.355 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF134445.D
 Acq: 24 Jul 2023 23:55

Instrument :
 BNA_F
 ClientSampleId :
 N48719



Tgt Ion:244 Resp: 655092
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 8.5 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF134445.D
 Acq: 24 Jul 2023 23:55

Tgt Ion:264 Resp: 139402
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.0 15.8 23.8

