

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134172.D
 Acq On : 09 Jul 2023 05:34
 Operator : CG\JU
 Sample : 03507-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 05:52:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

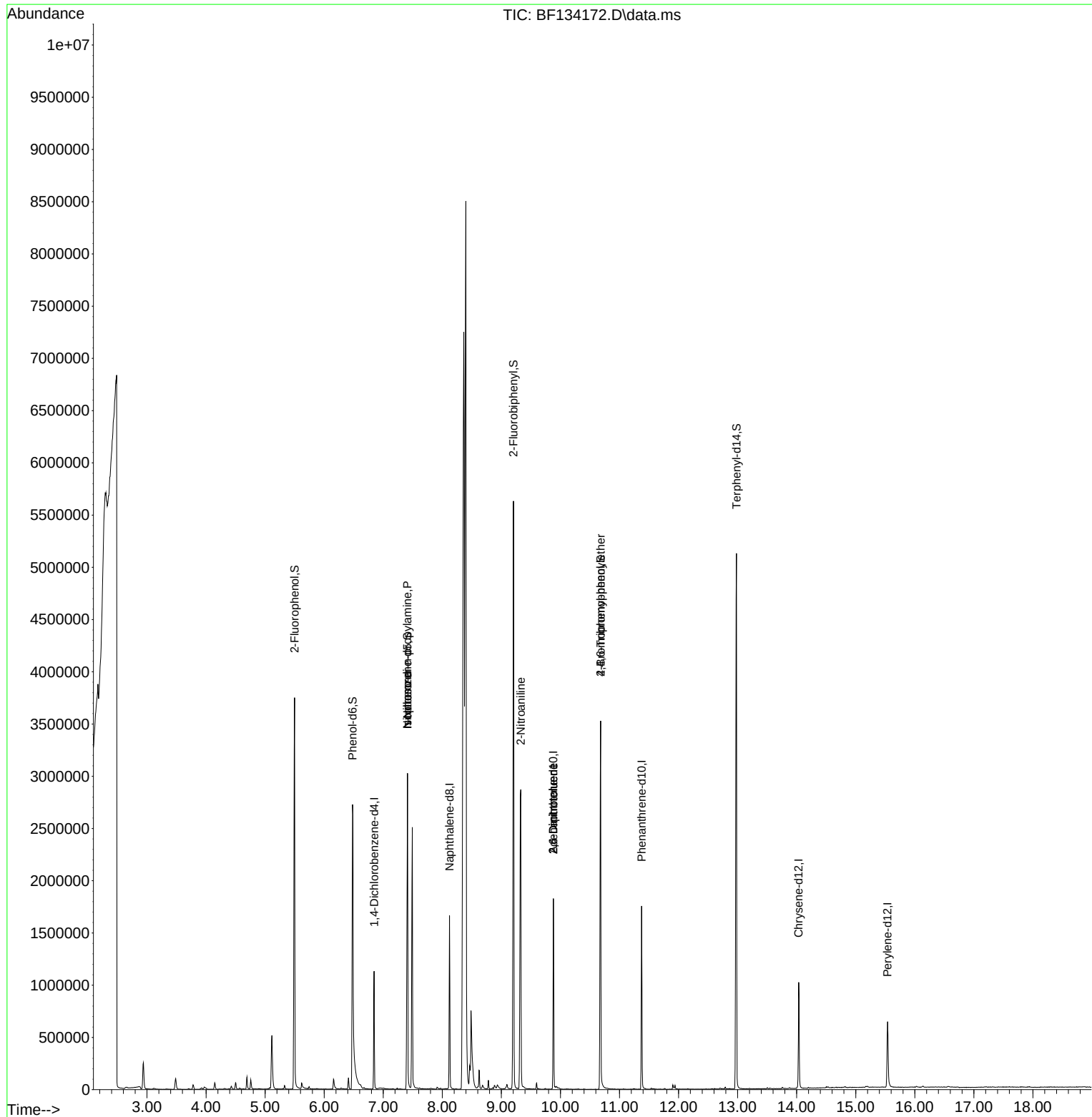
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	156957	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	683352	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	347870	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	622385	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	368275	20.000	ng	-0.02
86) Perylene-d12	15.539	264	335080	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1076420	114.719	ng	0.01
7) Phenol-d6	6.481	99	1393101	120.726	ng	-0.01
23) Nitrobenzene-d5	7.410	82	992540	78.295	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	493509	113.149	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1847371	77.209	ng	0.00
79) Terphenyl-d14	12.980	244	2083953	91.072	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	120	Below Cal	#	64
19) n-Nitroso-di-n-propyla...	7.410	70	139539	19.068	ng	# 76
25) Isophorone	7.410	82	992519	43.079	ng	# 64
48) 2-Nitroaniline	9.328	65	37680	5.064	ng	# 16
51) 2,6-Dinitrotoluene	9.880	165	44224	8.131	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	44224	6.157	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	30098	4.550	ng	# 1

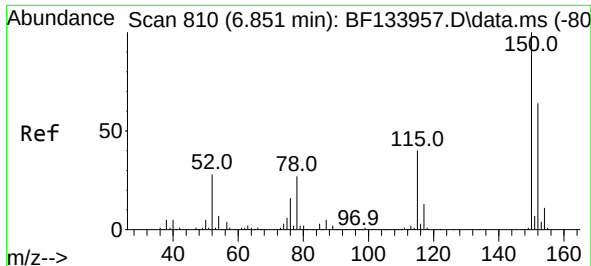
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134172.D
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Operator : CG\JU
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

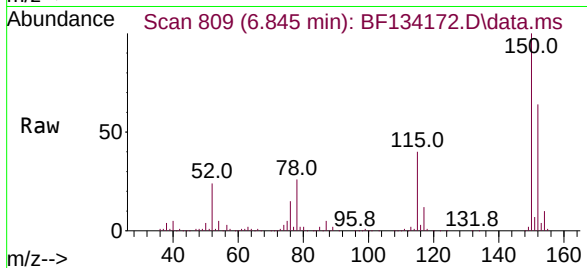
Quant Time: Jul 09 05:52:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
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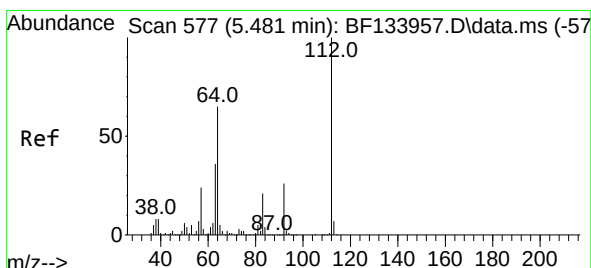
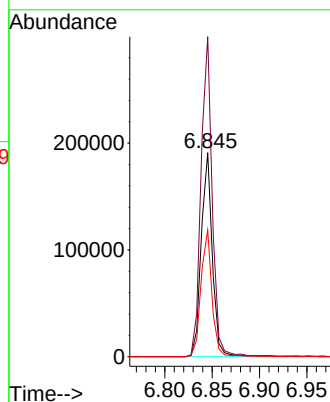
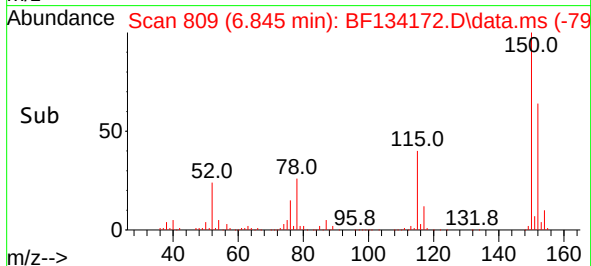


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

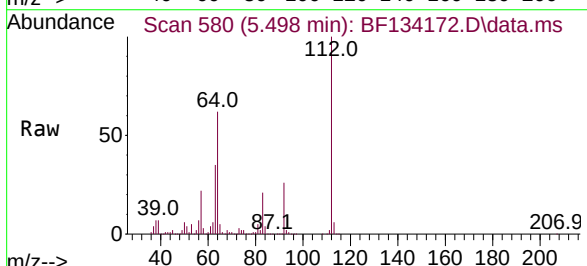
Instrument :
BNA_F
ClientSampleId :



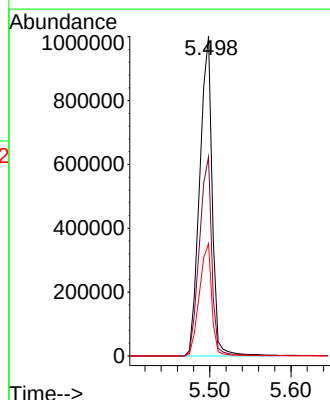
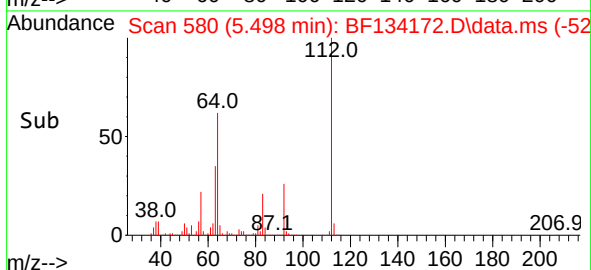
Tgt Ion:152 Resp: 156957
Ion Ratio Lower Upper
152 100
150 156.8 124.5 186.7
115 62.0 50.2 75.2

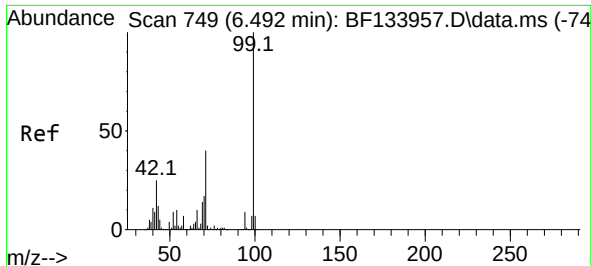


#5
2-Fluorophenol
Concen: 114.719 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34



Tgt Ion:112 Resp: 1076420
Ion Ratio Lower Upper
112 100
64 62.2 52.1 78.1
63 35.1 28.6 42.8

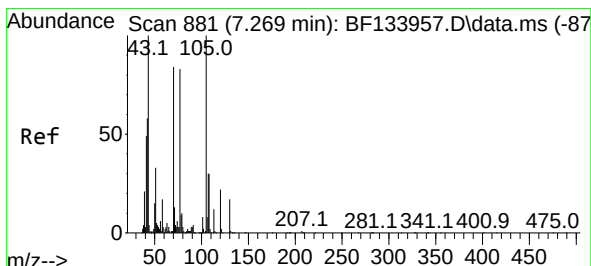
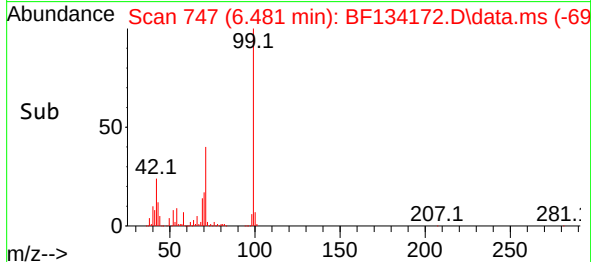
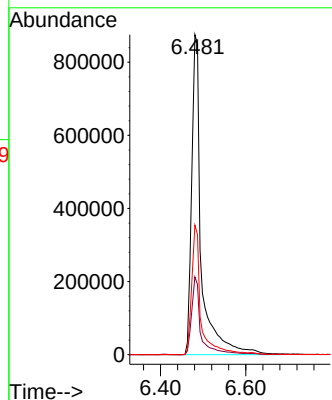
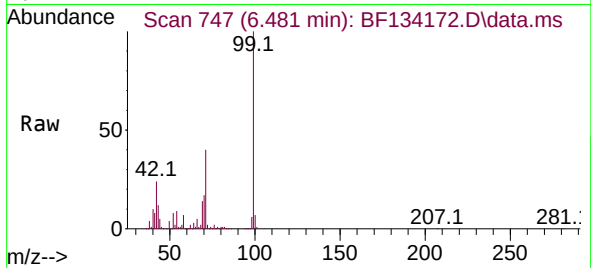




#7
Phenol-d6
Concen: 120.726 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

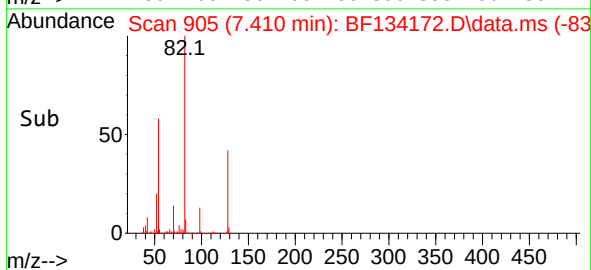
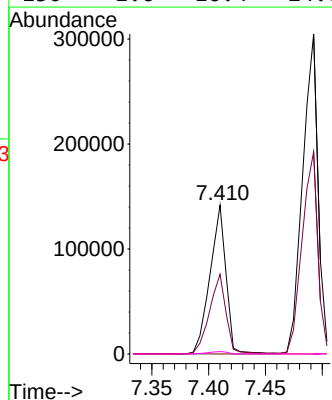
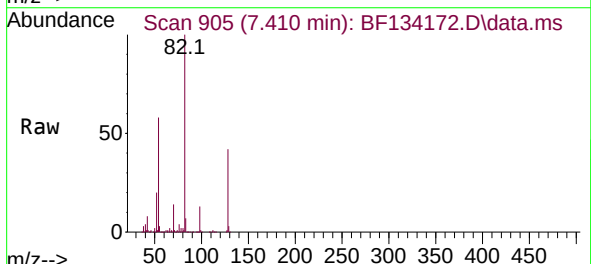
Instrument :
BNA_F
ClientSampleId :

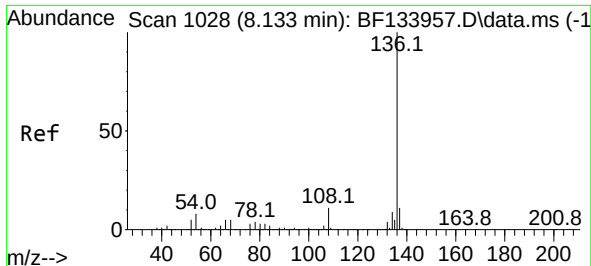
Tgt Ion: 99 Resp: 1393101
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.6
71 40.4 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.068 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

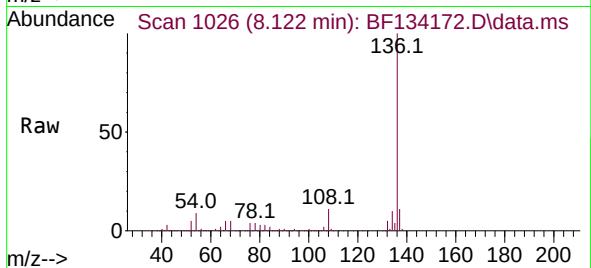
Tgt Ion: 70 Resp: 139539
Ion Ratio Lower Upper
70 100
42 53.5 54.7 82.1#
101 0.0 7.7 11.5#
130 1.6 16.4 24.6#



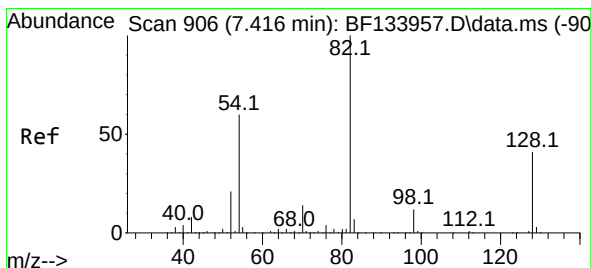
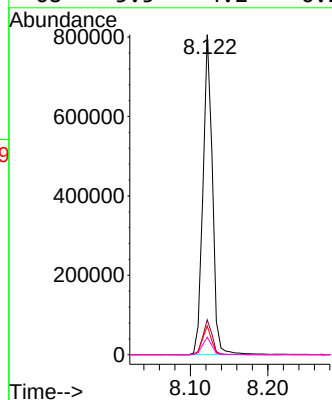
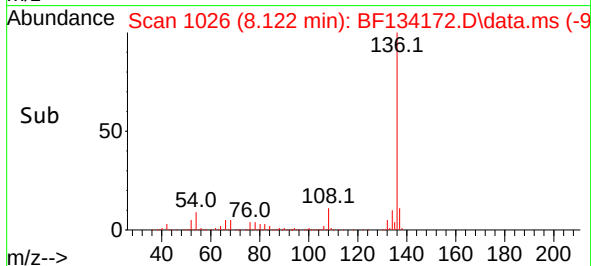


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

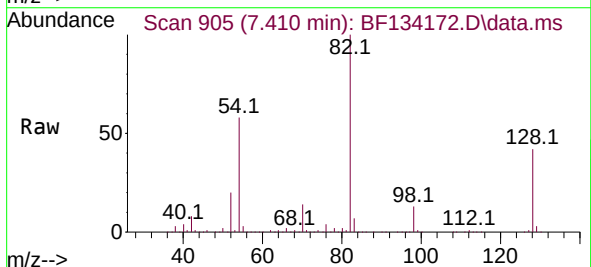
Instrument :
BNA_F
ClientSampleId :



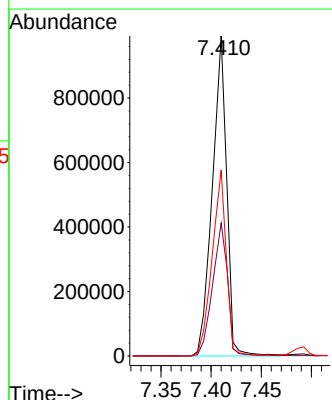
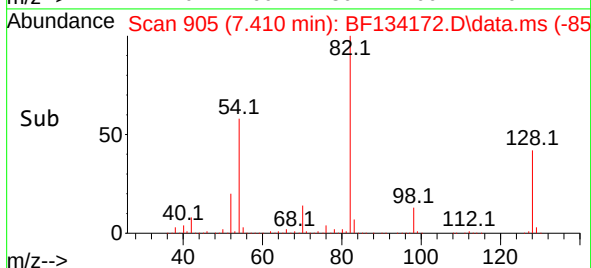
Tgt Ion:136 Resp: 683352
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.0 6.5 9.7
68 5.5 4.2 6.2

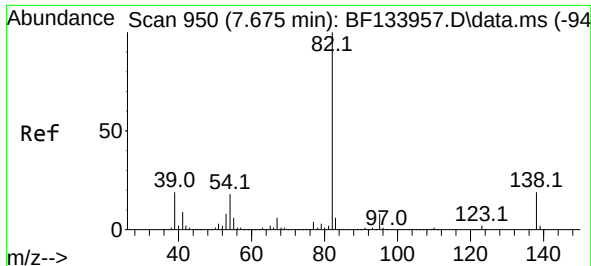


#23
Nitrobenzene-d5
Concen: 78.295 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34



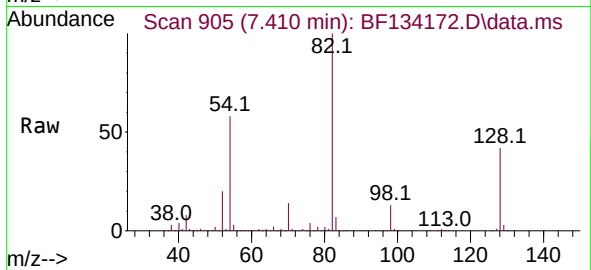
Tgt Ion: 82 Resp: 992540
Ion Ratio Lower Upper
82 100
128 41.5 32.5 48.7
54 58.1 48.2 72.2



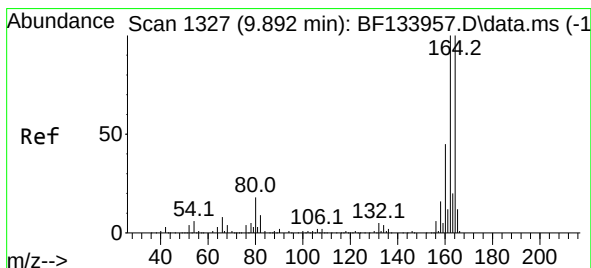
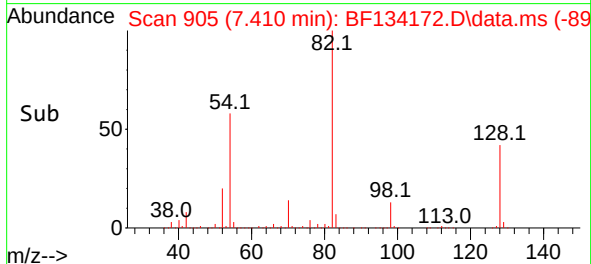
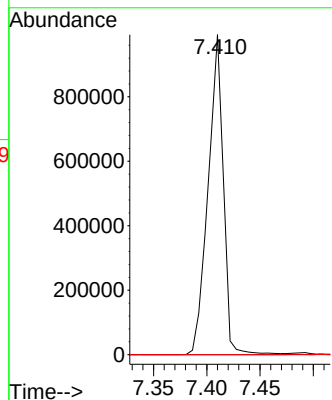


#25
Isophorone
Concen: 43.079 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

Instrument :
BNA_F
ClientSampleId :

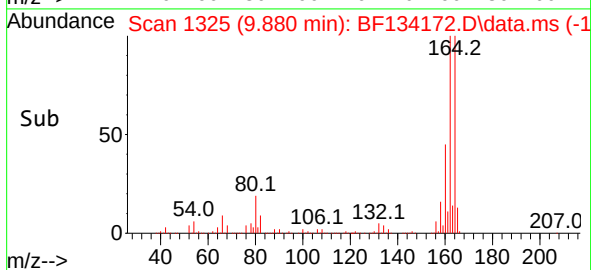
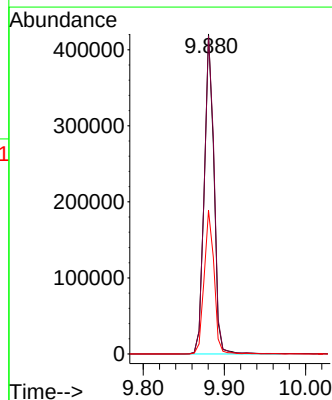
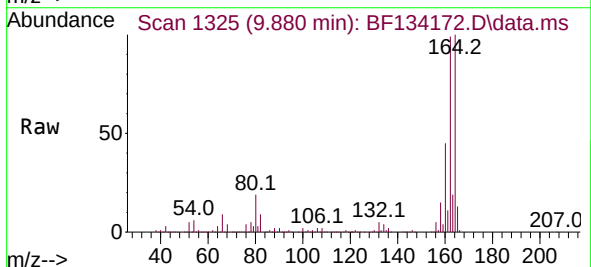


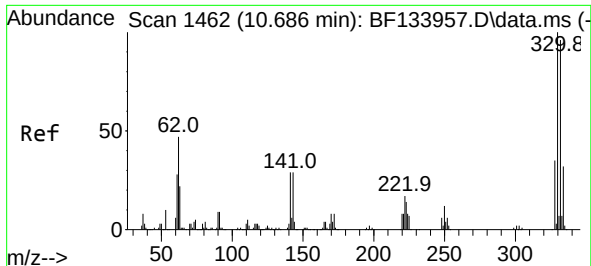
Tgt Ion: 82 Resp: 992519
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

Tgt Ion:164 Resp: 347870
Ion Ratio Lower Upper
164 100
162 99.4 80.0 120.0
160 44.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 113.149 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

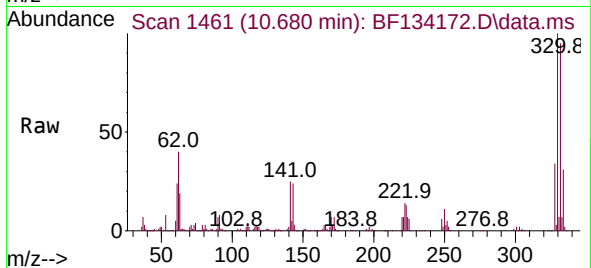
Lab File: BF134172.D

Acq: 09 Jul 2023 05:34

Instrument :

BNA_F

ClientSampleId :



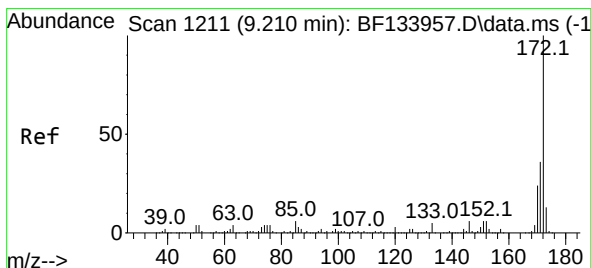
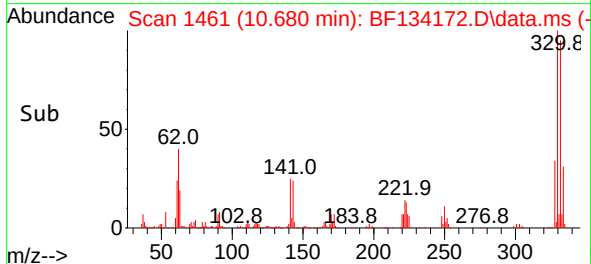
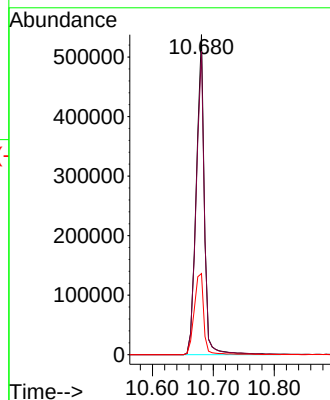
Tgt Ion:330 Resp: 493509

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

141 30.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 77.209 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134172.D

Acq: 09 Jul 2023 05:34

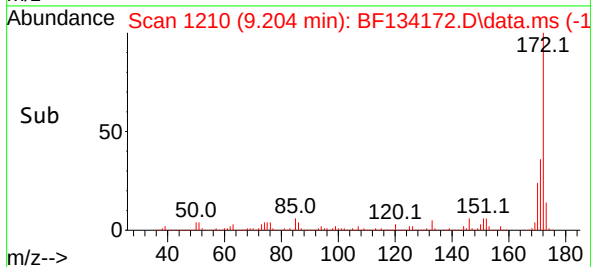
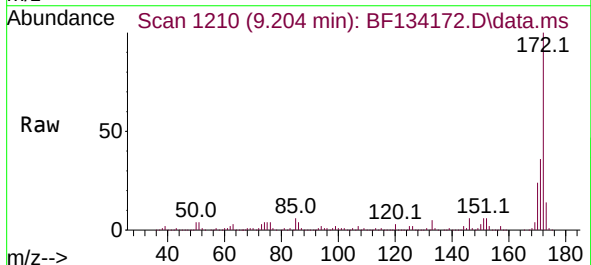
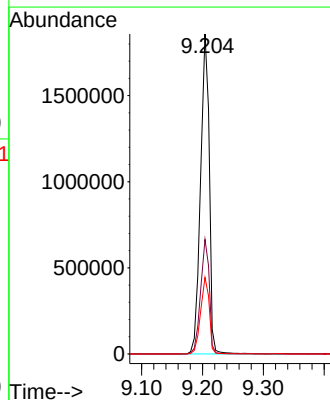
Tgt Ion:172 Resp: 1847371

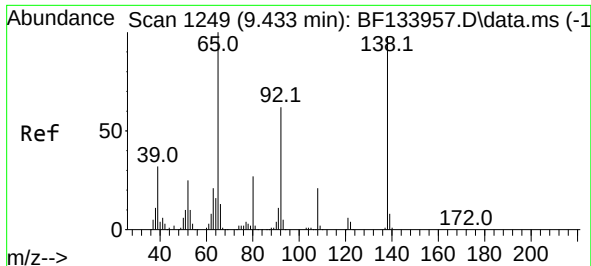
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.9 19.4 29.0

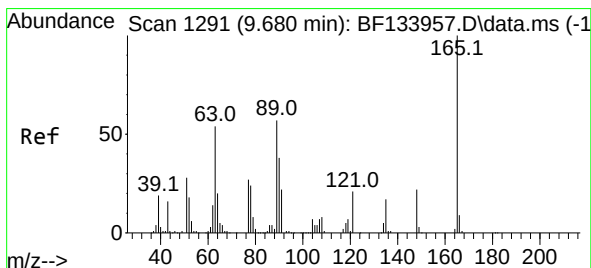
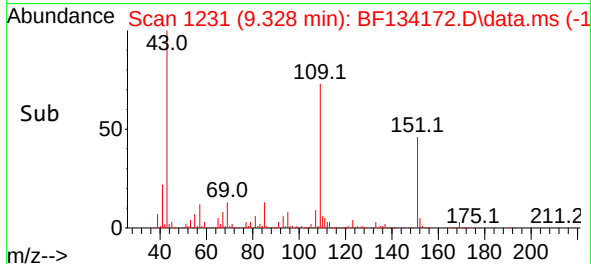
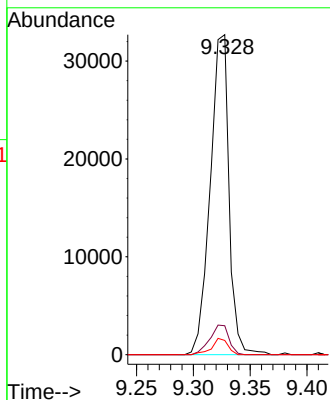
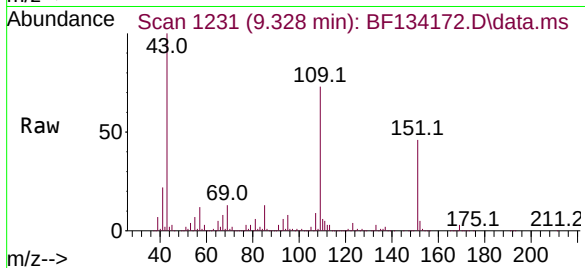




#48
2-Nitroaniline
Concen: 5.064 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

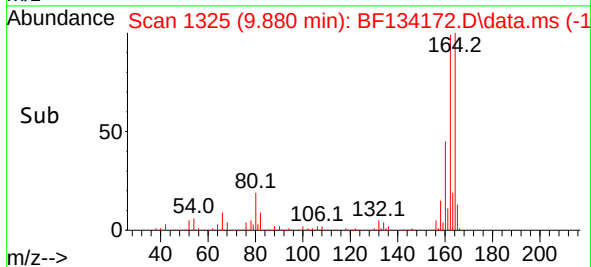
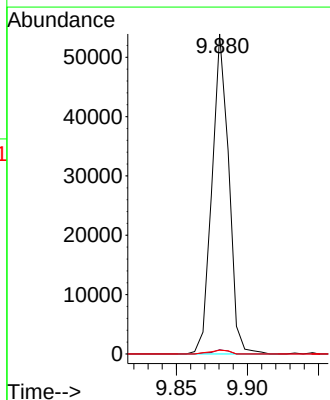
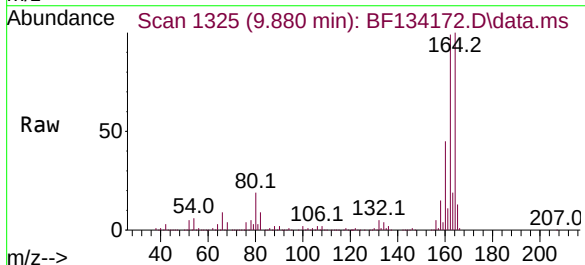
Instrument :
BNA_F
ClientSampleId :

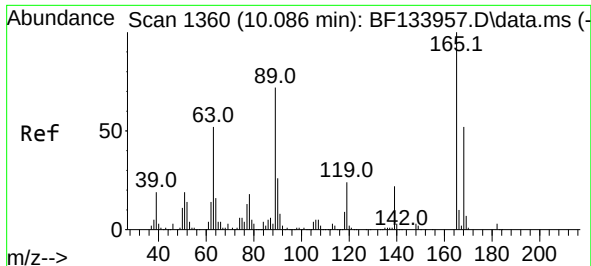
Tgt Ion: 65 Resp: 37680
Ion Ratio Lower Upper
65 100
92 9.1 49.5 74.3#
138 4.5 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 8.131 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

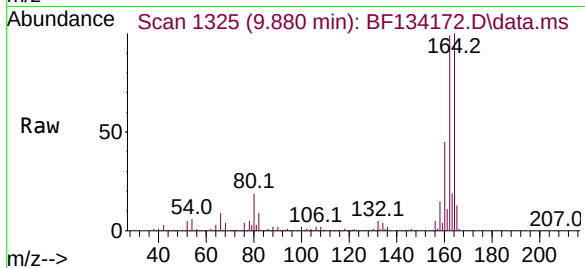
Tgt Ion:165 Resp: 44224
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 1.2 45.5 68.3#



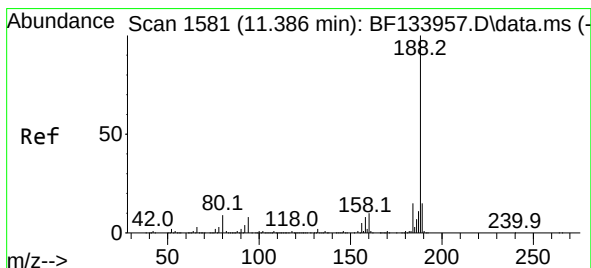
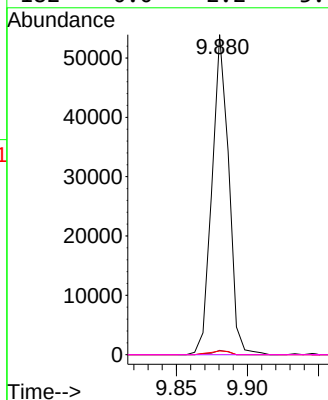
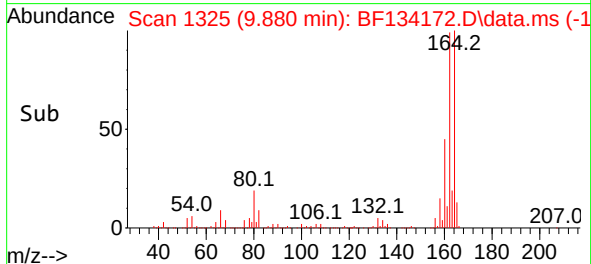


#57
2,4-Dinitrotoluene
Concen: 6.157 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

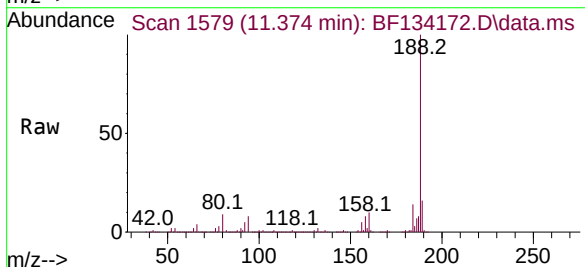
Instrument :
BNA_F
ClientSampleId :



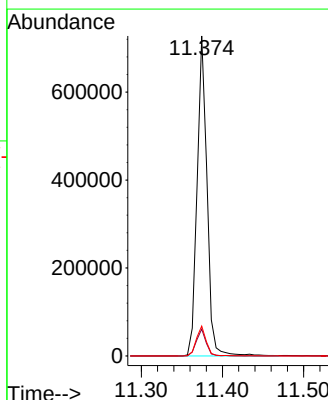
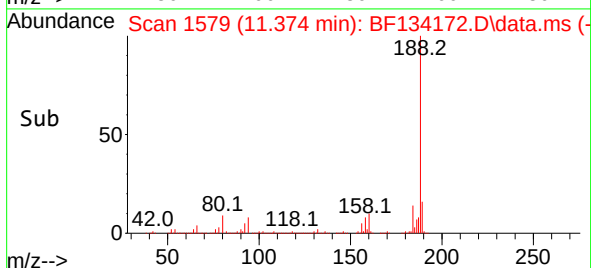
Tgt Ion:165 Resp: 44224
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.2 57.4 86.2#
182 0.0 2.2 3.4#

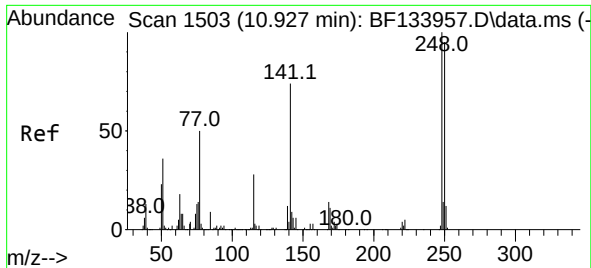


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34



Tgt Ion:188 Resp: 622385
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.4 7.3 10.9

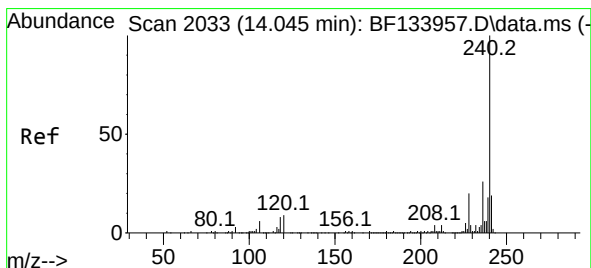
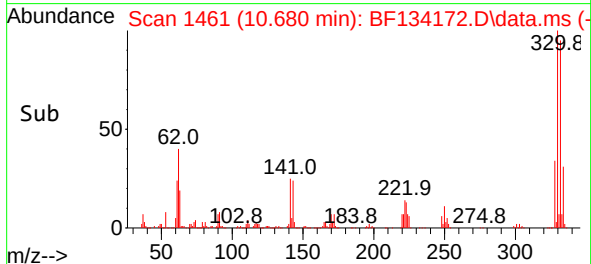
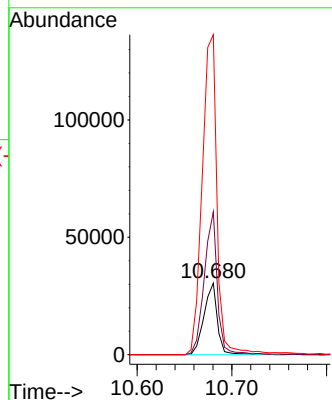
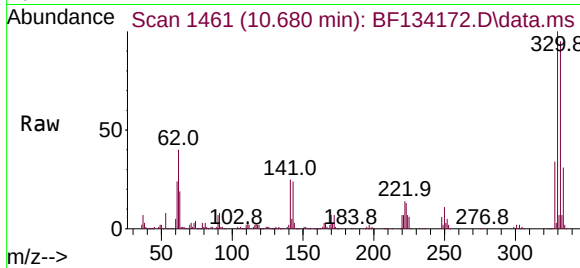




#67
4-Bromophenyl-phenylether
Concen: 4.550 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

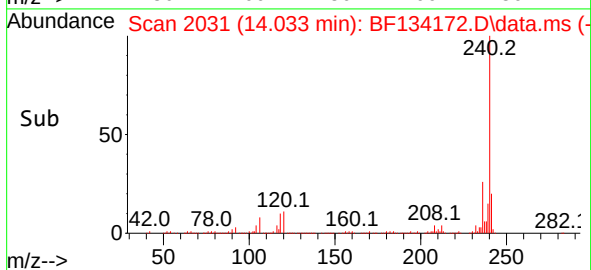
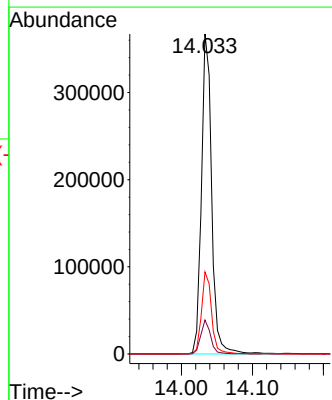
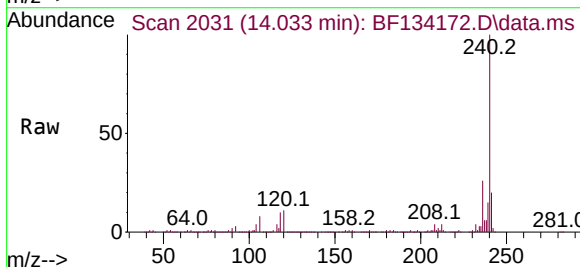
Instrument :
BNA_F
ClientSampleId :

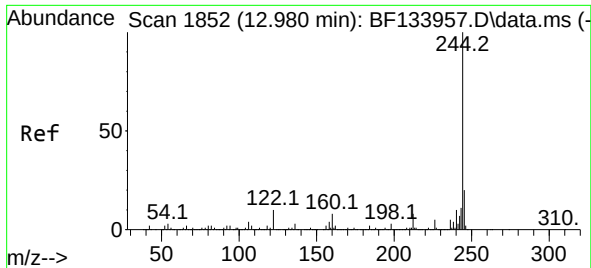
Tgt Ion:248 Resp: 30098
Ion Ratio Lower Upper
248 100
250 199.7 76.2 114.4#
141 447.0 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134172.D
Acq: 09 Jul 2023 05:34

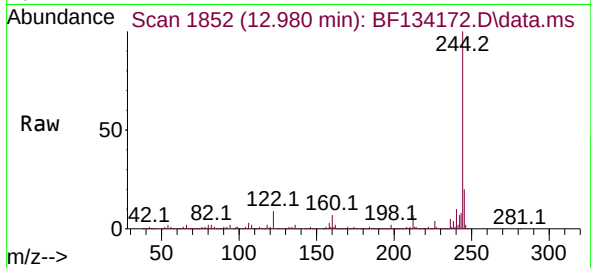
Tgt Ion:240 Resp: 368275
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.0
236 25.6 21.0 31.6



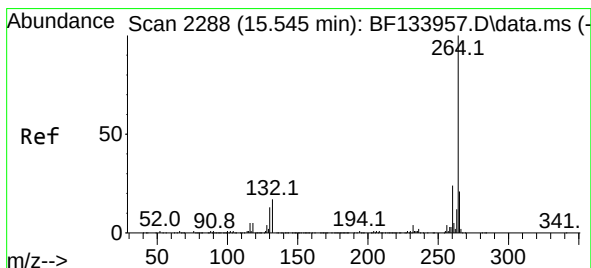
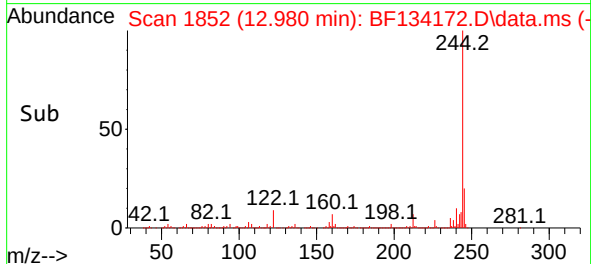
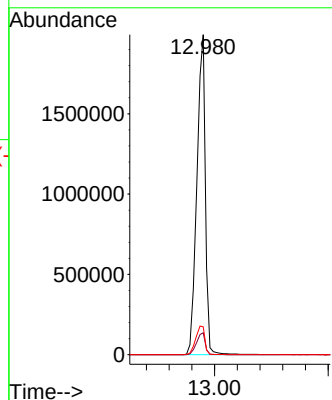


#79
 Terphenyl-d14
 Concen: 91.072 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134172.D
 Acq: 09 Jul 2023 05:34

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2083953
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134172.D
 Acq: 09 Jul 2023 05:34

Tgt Ion:264 Resp: 335080
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.6 16.6 25.0

