

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134195.D
 Acq On : 10 Jul 2023 20:05
 Operator : CG\JU
 Sample : 03514-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:56:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 10 18:49:59 2023
 Response via : Initial Calibration

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

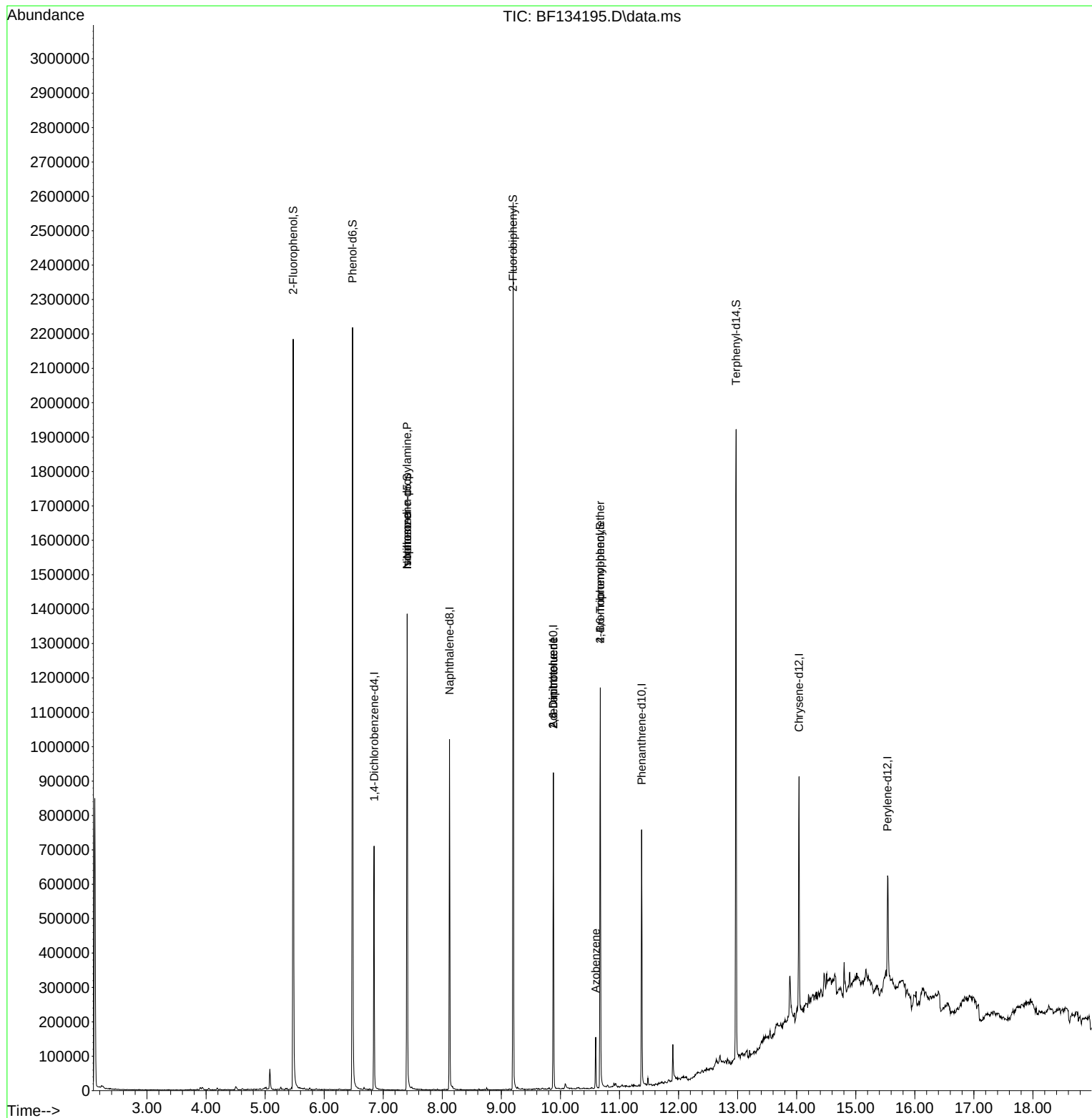
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	99384	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	405764	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	167440	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	268979	20.000	ng	0.00
76) Chrysene-d12	14.039	240	241979	20.000	ng	0.00
86) Perylene-d12	15.539	264	160206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	580950	97.782	ng	0.00
7) Phenol-d6	6.481	99	668318	91.468	ng	0.00
23) Nitrobenzene-d5	7.404	82	410059	54.476	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	137393	65.445	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	732508	63.604	ng	0.00
79) Terphenyl-d14	12.974	244	657512	43.732	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1181	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	55365	11.949	ng	# 79
25) Isophorone	7.404	82	410055	29.974	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	20775	7.936	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	20775	6.009	ng	# 22
63) Azobenzene	10.598	77	25355	2.117	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	8034	2.810	ng	# 1

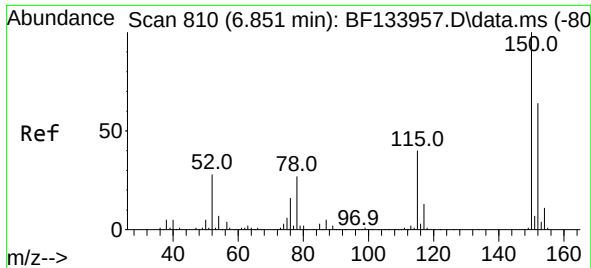
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
Data File : BF134195.D
Acq On : 10 Jul 2023 20:05
Operator : CG\JU
Sample : 03514-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

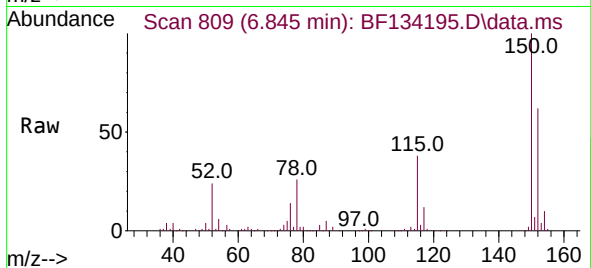
Quant Time: Jul 11 01:56:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 10 18:49:59 2023
Response via : Initial Calibration



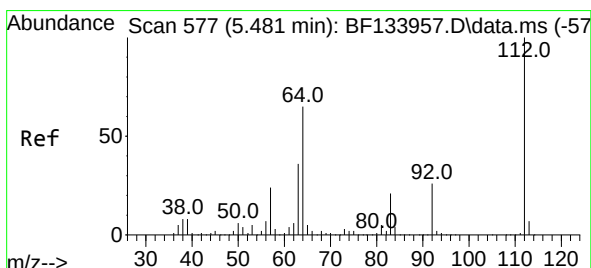
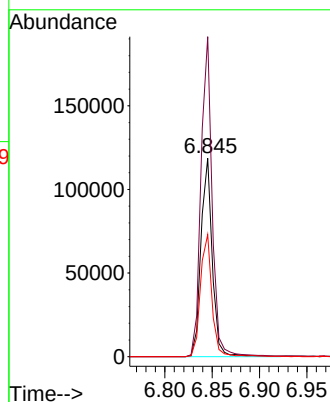
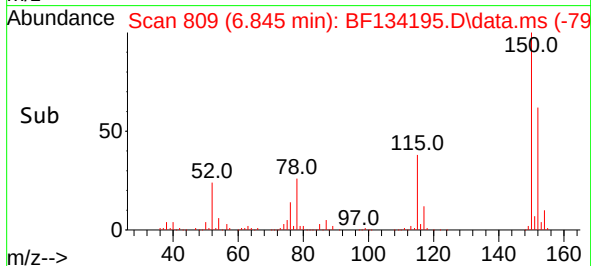


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

Instrument :
BNA_F
ClientSampleId :

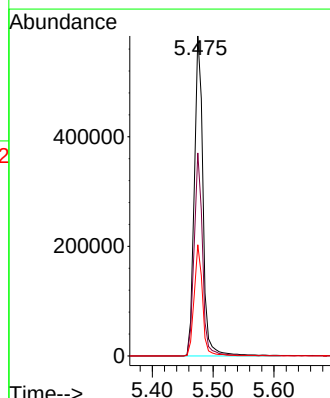
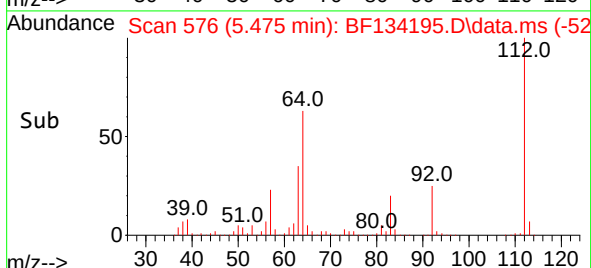
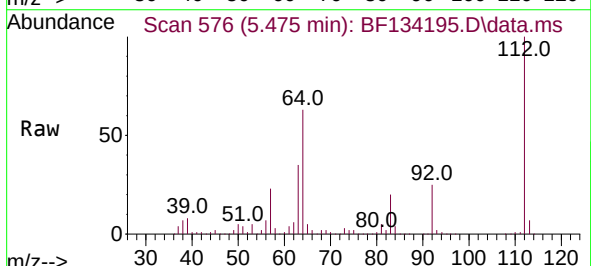


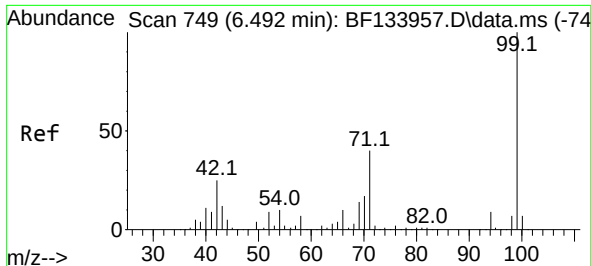
Tgt Ion:152 Resp: 99384
Ion Ratio Lower Upper
152 100
150 161.3 124.5 186.7
115 61.6 50.2 75.2



#5
2-Fluorophenol
Concen: 97.782 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

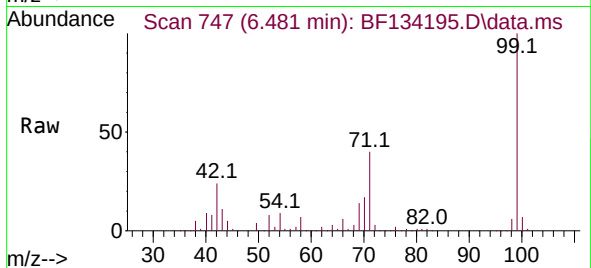
Tgt Ion:112 Resp: 580950
Ion Ratio Lower Upper
112 100
64 63.4 52.1 78.1
63 34.7 28.6 42.8



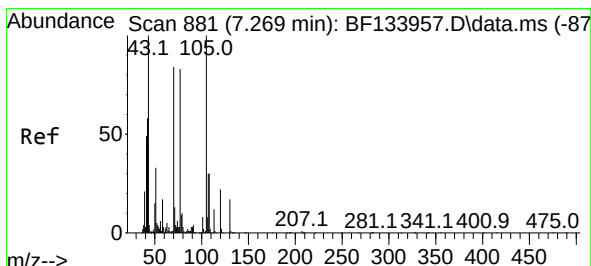
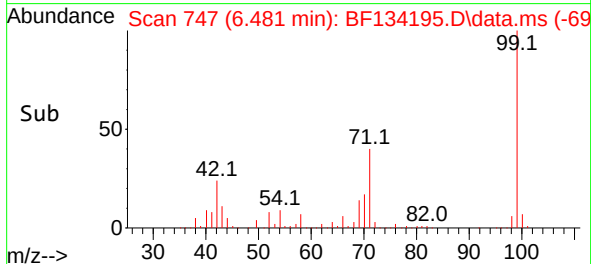
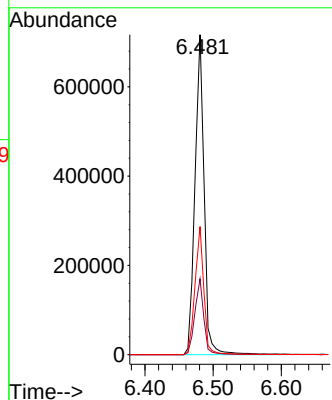


#7
Phenol-d6
Concen: 91.468 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

Instrument :
BNA_F
ClientSampleId :

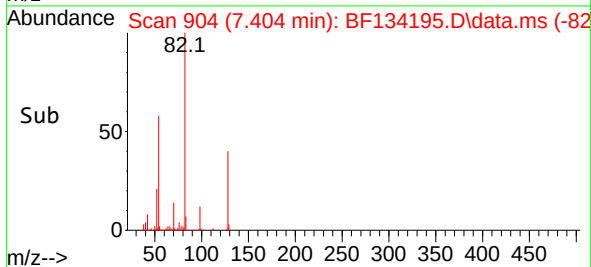
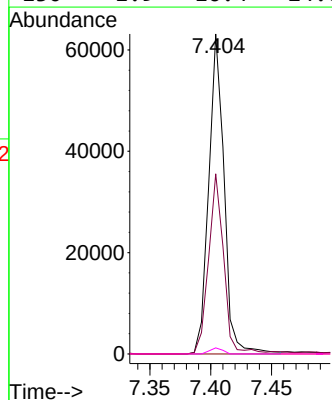
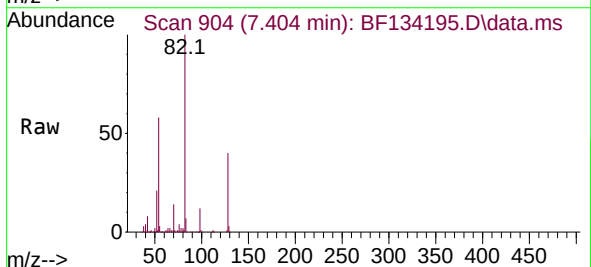


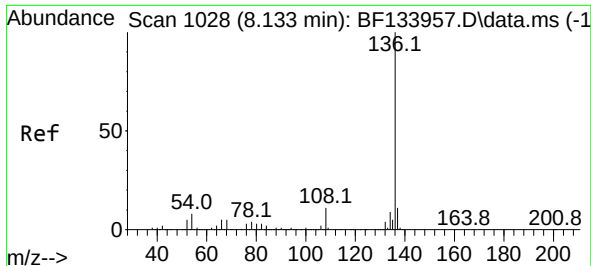
Tgt Ion: 99 Resp: 668318
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.6
71 40.1 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.949 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

Tgt Ion: 70 Resp: 55365
Ion Ratio Lower Upper
70 100
42 56.3 54.7 82.1
101 0.0 7.7 11.5#
130 1.9 16.4 24.6#



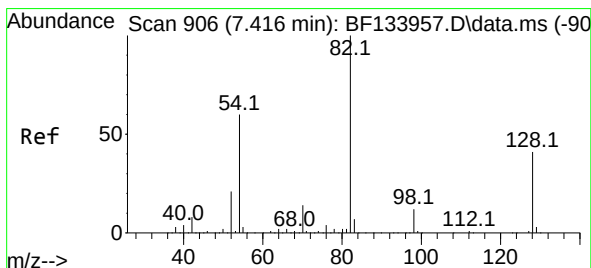
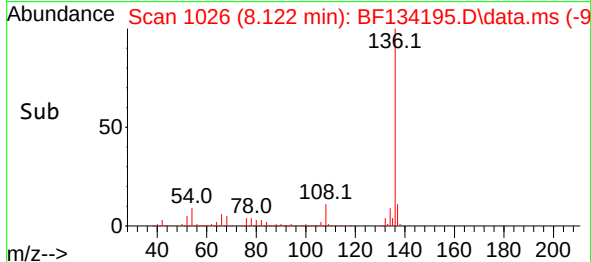
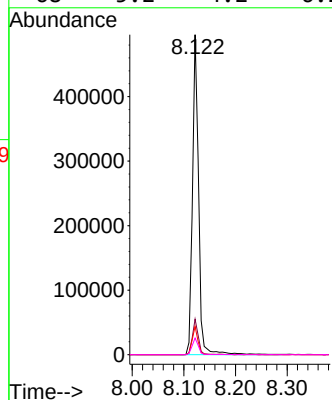
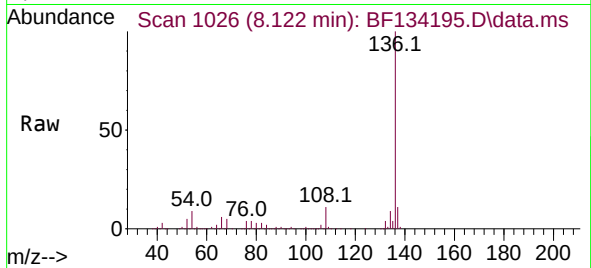


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 405764

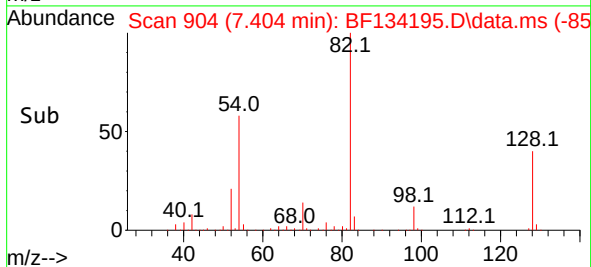
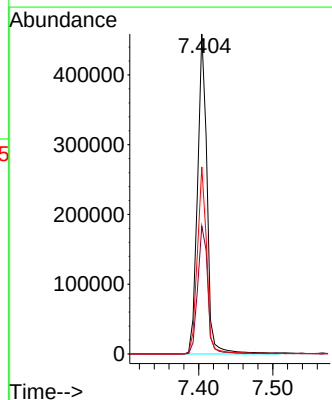
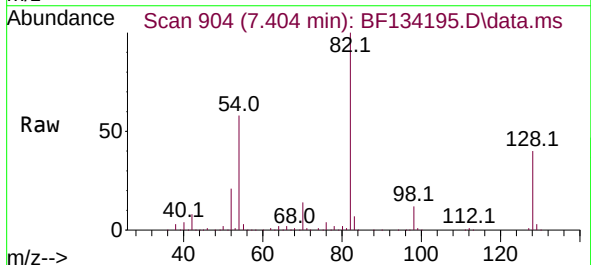
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.8	6.5	9.7
68	5.2	4.2	6.2

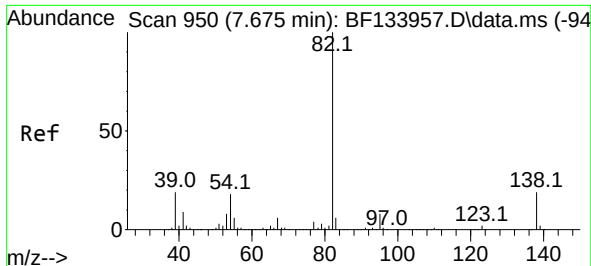


#23
Nitrobenzene-d5
Concen: 54.476 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

Tgt Ion: 82 Resp: 410059

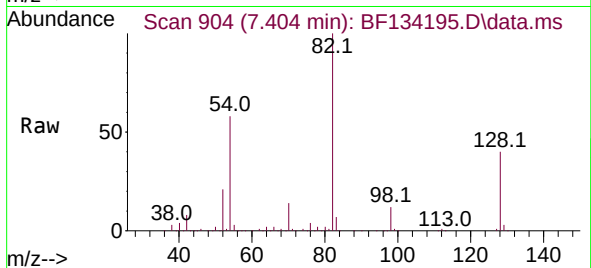
Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.5	48.7
54	58.5	48.2	72.2



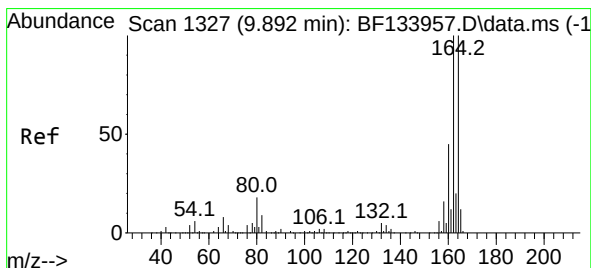
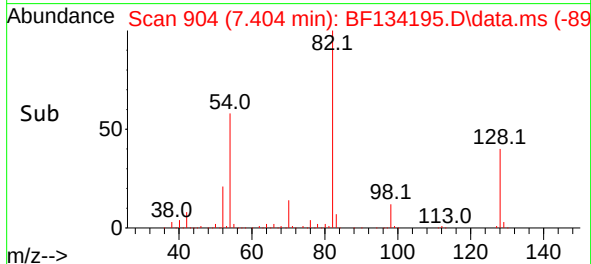
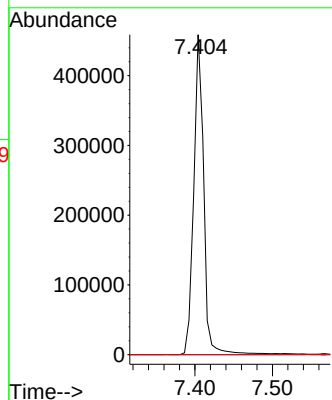


#25
Isophorone
Concen: 29.974 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

Instrument :
BNA_F
ClientSampleId :

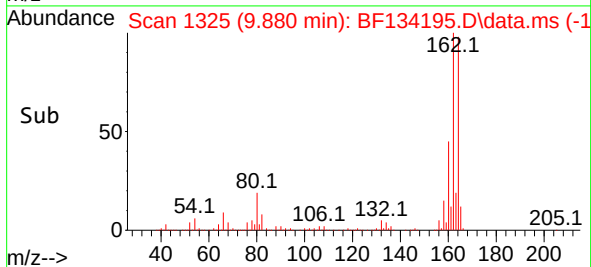
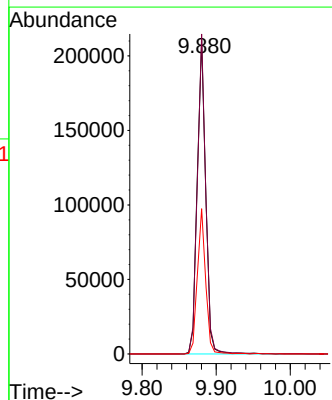
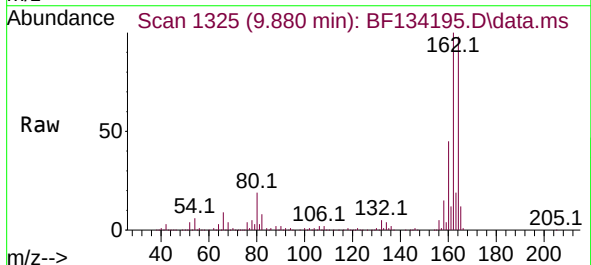


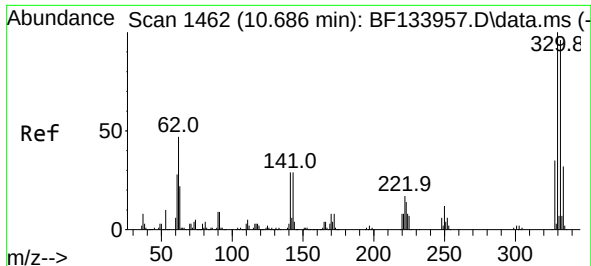
Tgt Ion: 82 Resp: 410055
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

Tgt Ion:164 Resp: 167440
Ion Ratio Lower Upper
164 100
162 101.9 80.0 120.0
160 46.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 65.445 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

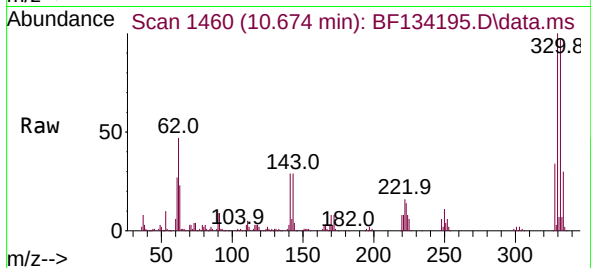
Lab File: BF134195.D

Acq: 10 Jul 2023 20:05

Instrument :

BNA_F

ClientSampleId :



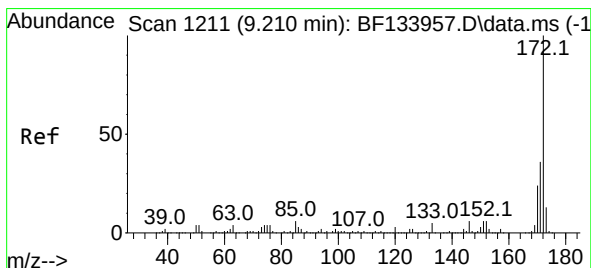
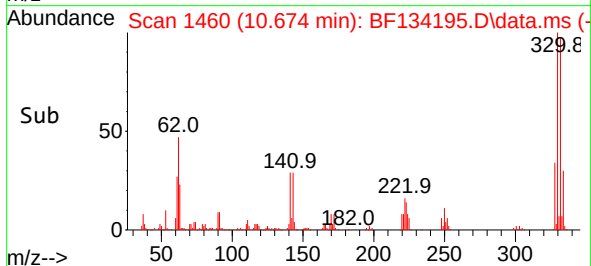
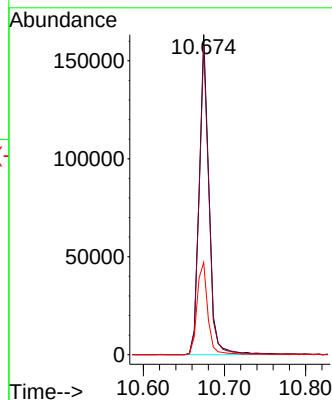
Tgt Ion:330 Resp: 137393

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 31.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 63.604 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134195.D

Acq: 10 Jul 2023 20:05

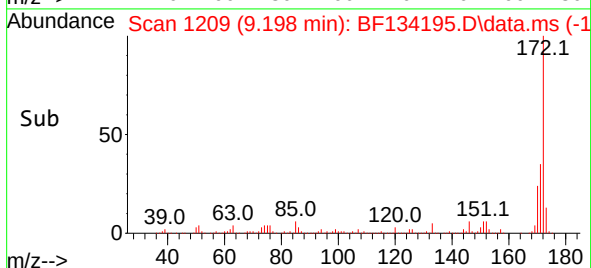
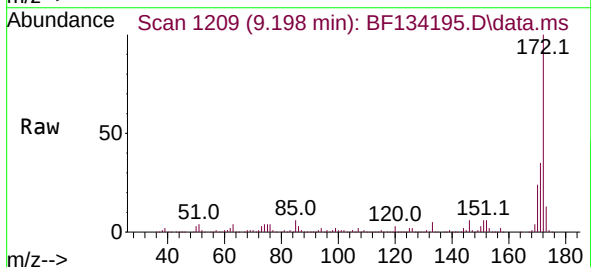
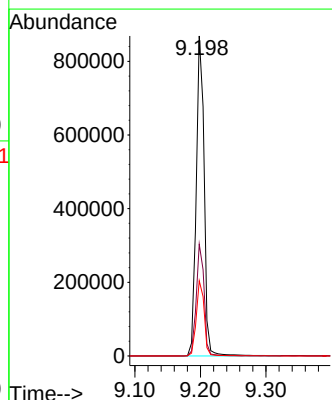
Tgt Ion:172 Resp: 732508

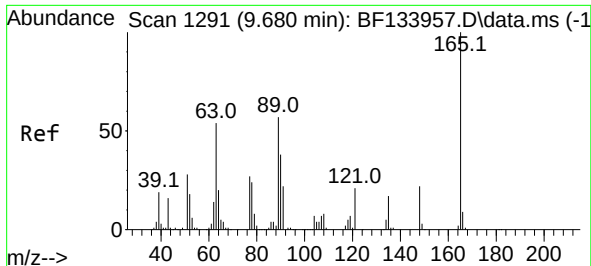
Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.5 19.4 29.0

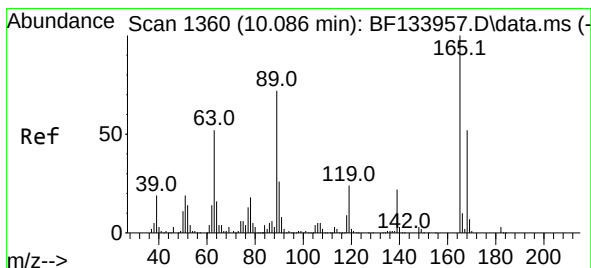
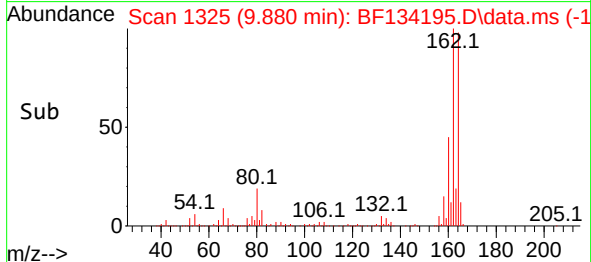
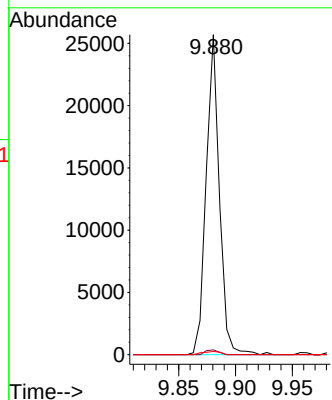
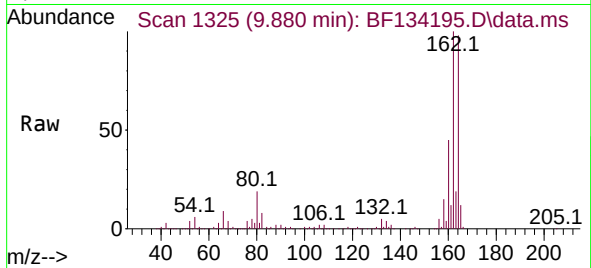




#51
2,6-Dinitrotoluene
Concen: 7.936 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

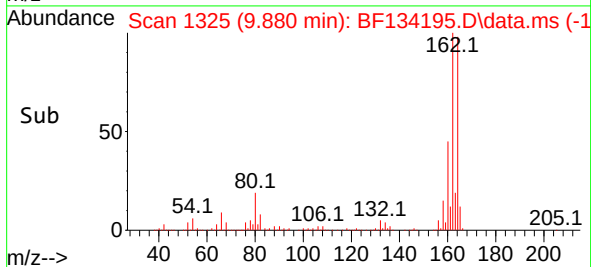
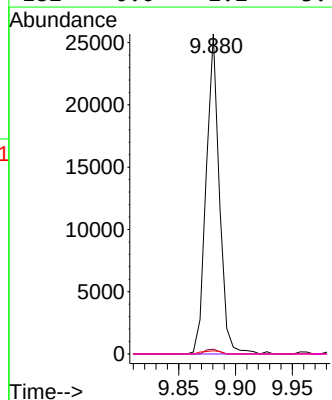
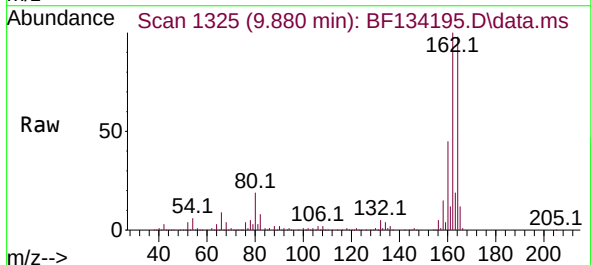
Instrument :
BNA_F
ClientSampleId :

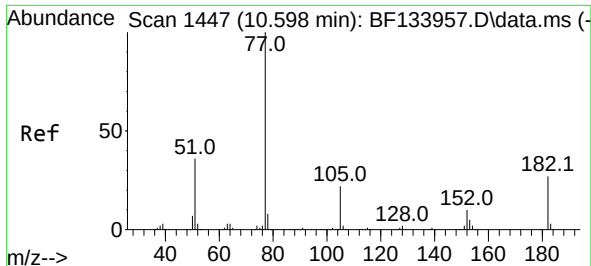
Tgt Ion:165 Resp: 20775
Ion Ratio Lower Upper
165 100
63 1.5 48.5 72.7#
89 1.0 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.009 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

Tgt Ion:165 Resp: 20775
Ion Ratio Lower Upper
165 100
63 1.5 42.2 63.2#
89 1.0 57.4 86.2#
182 0.0 2.2 3.4#

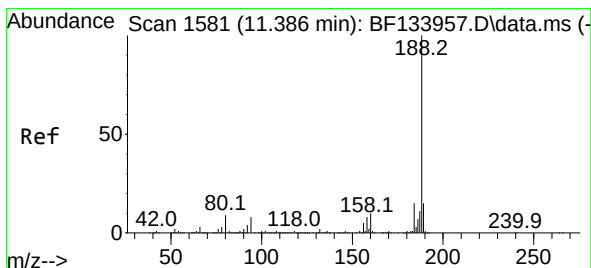
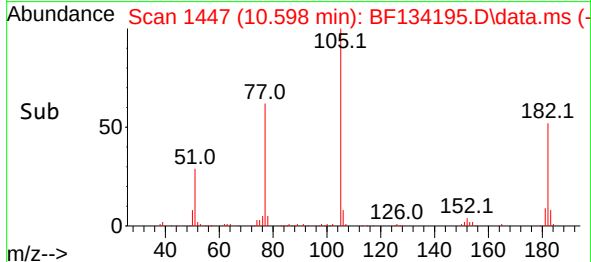
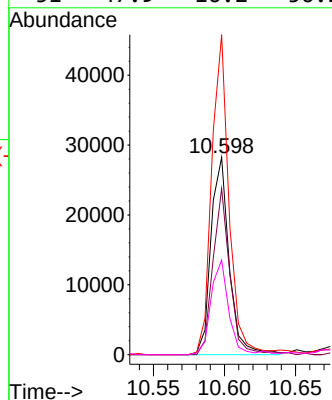
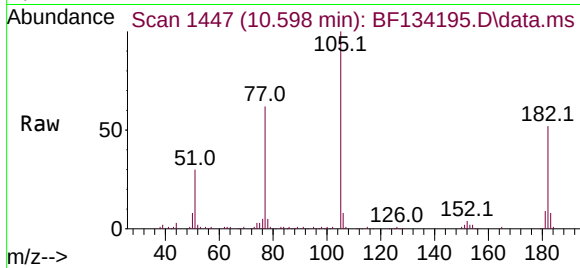




#63
Azobenzene
Concen: 2.117 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

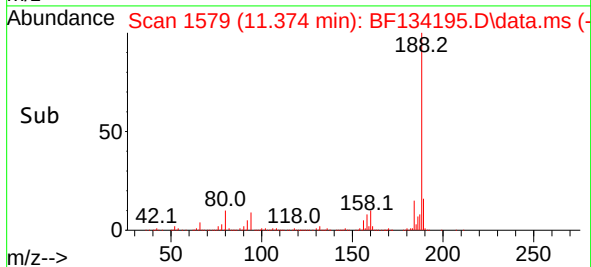
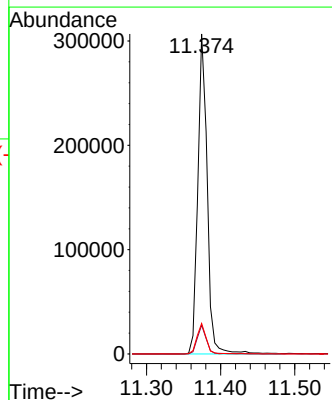
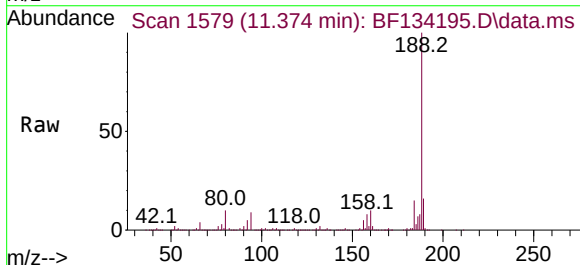
Instrument :
BNA_F
ClientSampleId :

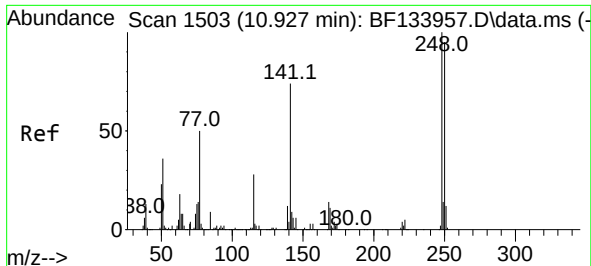
Tgt Ion: 77 Resp: 25355
Ion Ratio Lower Upper
77 100
182 84.2 6.8 46.8#
105 162.2 2.3 42.3#
51 47.9 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

Tgt Ion:188 Resp: 268979
Ion Ratio Lower Upper
188 100
94 9.0 6.4 9.6
80 9.6 7.3 10.9

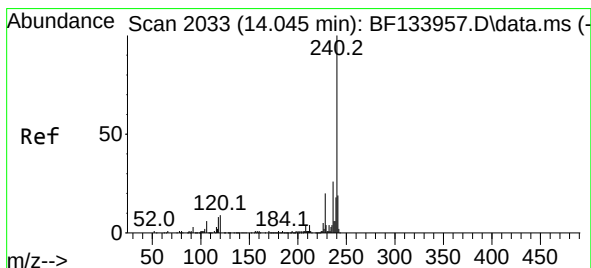
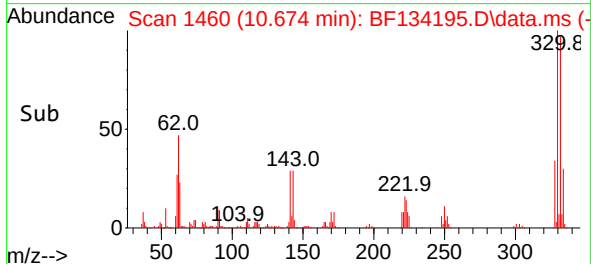
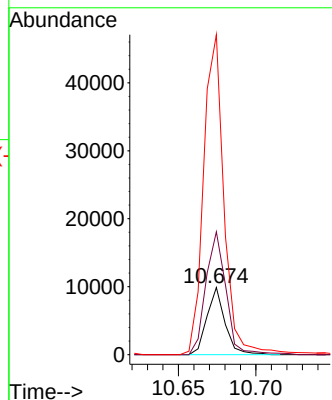
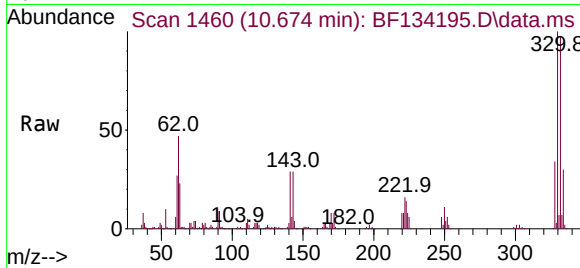




#67
4-Bromophenyl-phenylether
Concen: 2.810 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

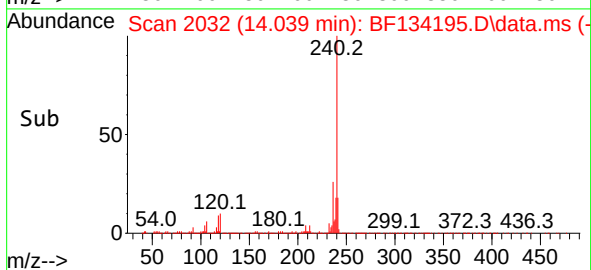
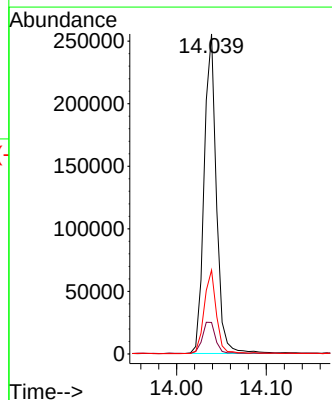
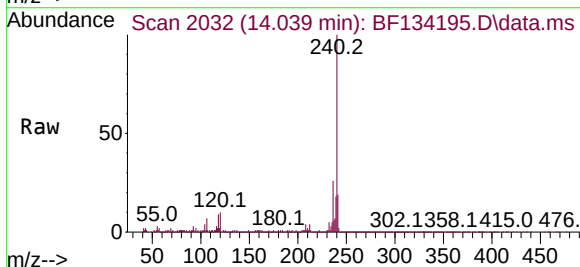
Instrument :
BNA_F
ClientSampleId :

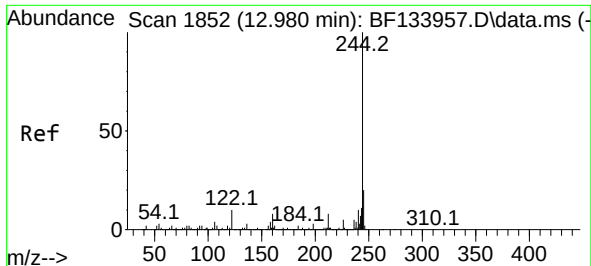
Tgt Ion:248 Resp: 8034
Ion Ratio Lower Upper
248 100
250 182.6 76.2 114.4#
141 475.7 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134195.D
Acq: 10 Jul 2023 20:05

Tgt Ion:240 Resp: 241979
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 26.2 21.0 31.6

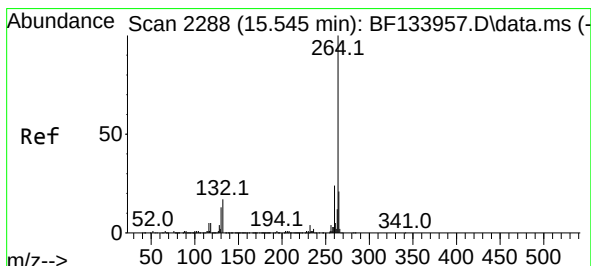
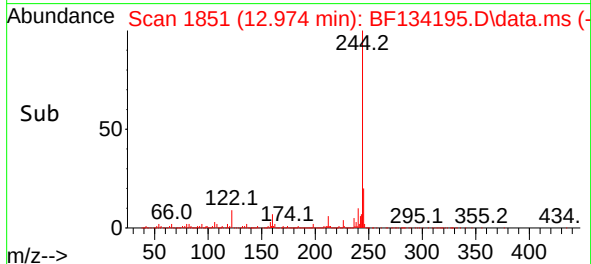
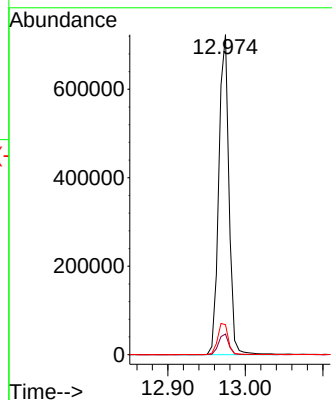
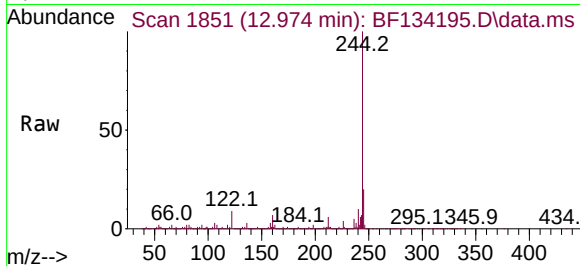




#79
 Terphenyl-d14
 Concen: 43.732 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134195.D
 Acq: 10 Jul 2023 20:05

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 657512
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 9.4 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: BF134195.D
 Acq: 10 Jul 2023 20:05

Tgt Ion:264 Resp: 160206
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.6 16.6 25.0

