

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133795.D
 Acq On : 16 Jun 2023 02:08
 Operator : CG\JU
 Sample : 03235-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-ANDREW

Quant Time: Jun 16 03:03:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

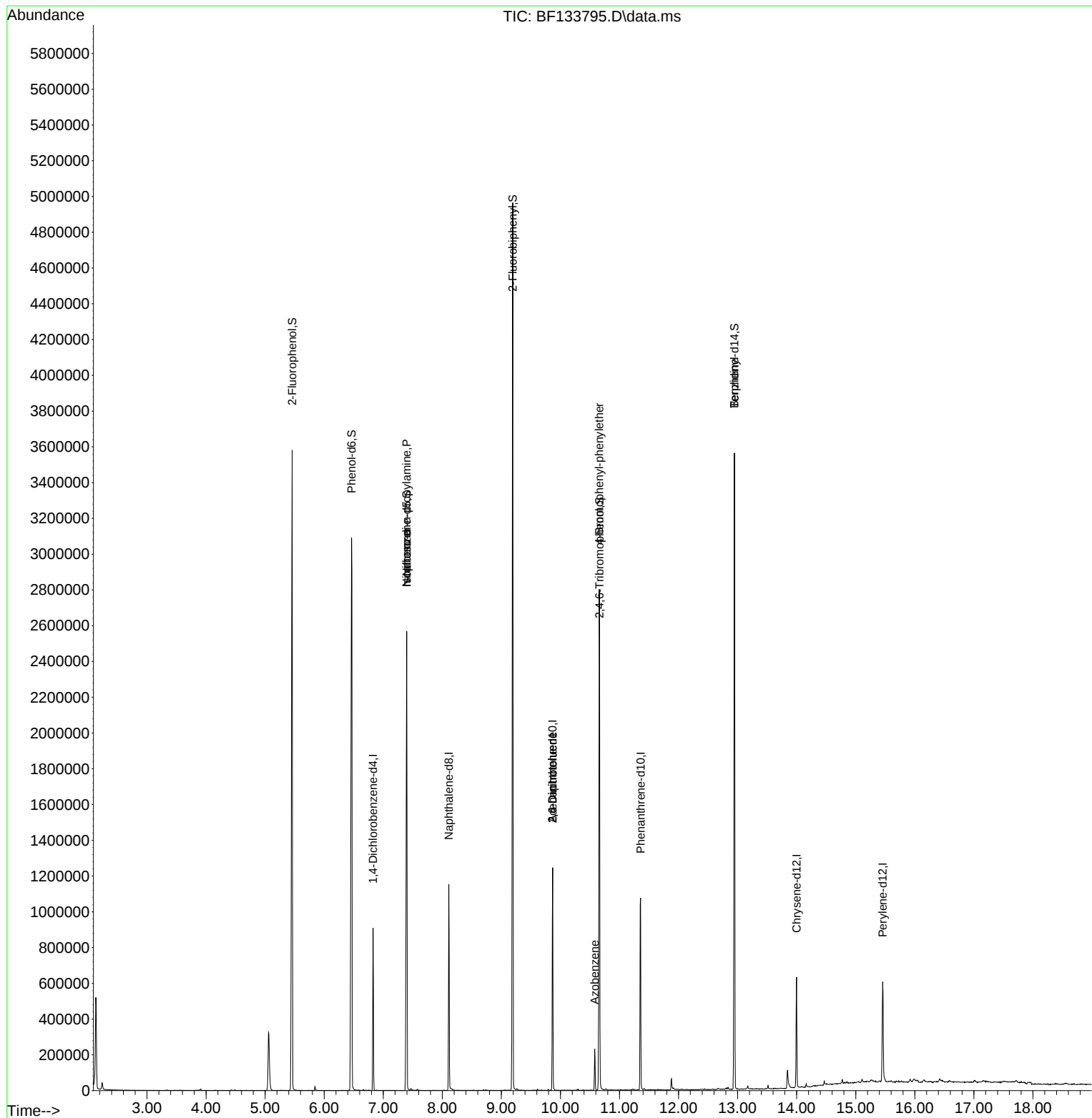
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	120873	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	464478	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	232099	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	410297	20.000	ng	0.00
76) Chrysene-d12	13.998	240	195939	20.000	ng	0.00
86) Perylene-d12	15.457	264	261114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1019788	146.877	ng	0.02
7) Phenol-d6	6.463	99	1259419	139.353	ng	0.00
23) Nitrobenzene-d5	7.398	82	798976	93.691	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	361752	123.130	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1467532	89.881	ng	0.00
79) Terphenyl-d14	12.945	244	1249390	98.665	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	113967	19.820	ng	# 78
25) Isophorone	7.398	82	798960	51.032	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	29938	8.372	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	29938	6.583	ng	# 19
63) Azobenzene	10.580	77	38068	2.281	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	22219	4.852	ng	# 1
77) Benzidine	12.945	184	17201	2.616	ng	# 93

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

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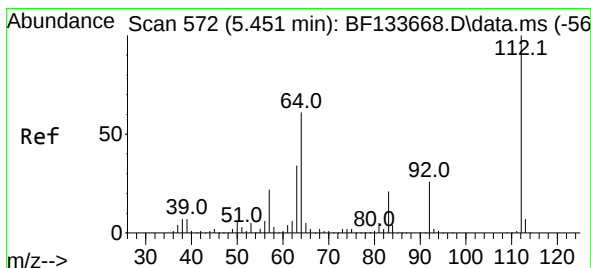
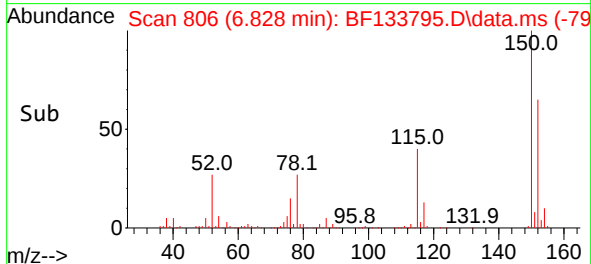
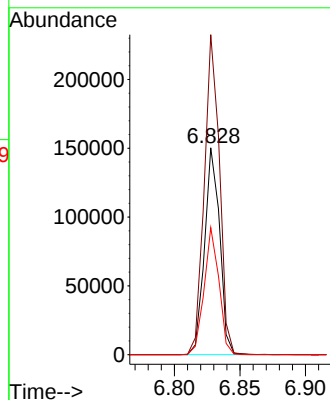
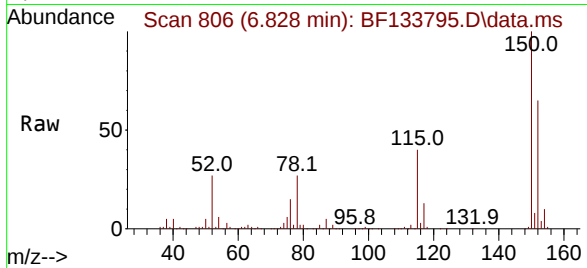




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

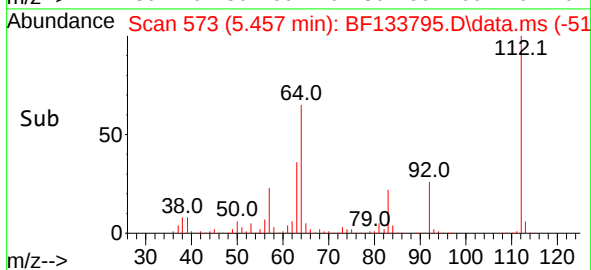
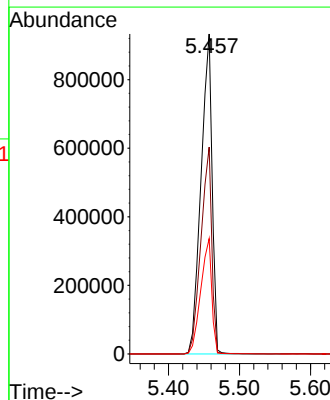
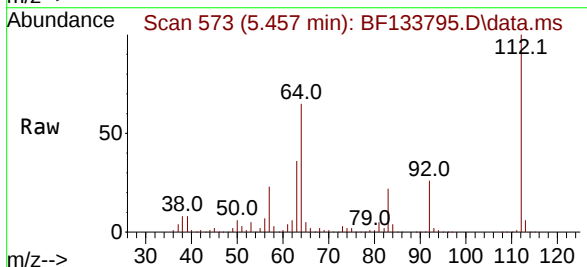
Instrument :
BNA_F
ClientSampleId :
C-ANDREW

Tgt Ion:152 Resp: 120873
Ion Ratio Lower Upper
152 100
150 154.7 124.3 186.5
115 61.5 48.5 72.7



#5
2-Fluorophenol
Concen: 146.877 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

Tgt Ion:112 Resp: 1019788
Ion Ratio Lower Upper
112 100
64 64.6 49.0 73.4
63 36.1 26.8 40.2

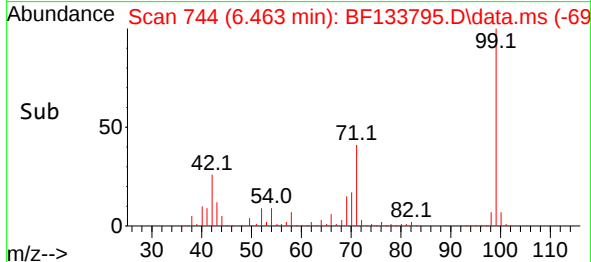
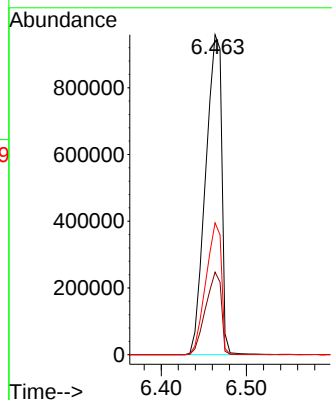
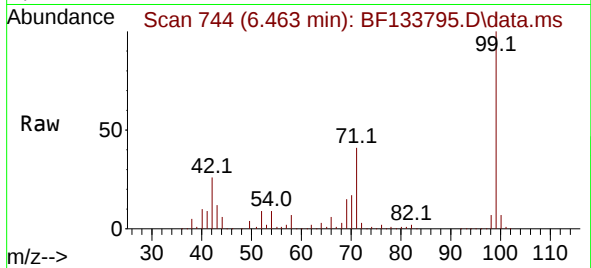




#7
Phenol-d6
Concen: 139.353 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

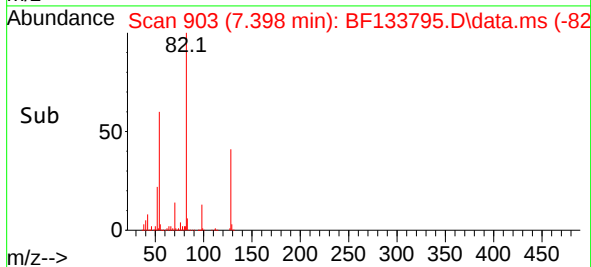
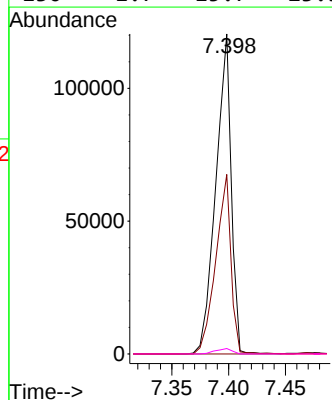
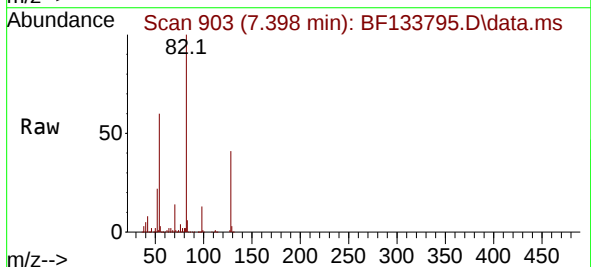
Instrument :
BNA_F
ClientSampleId :
C-ANDREW

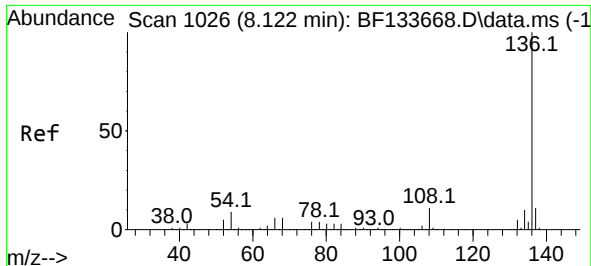
Tgt Ion: 99 Resp: 1259419
Ion Ratio Lower Upper
99 100
42 25.8 19.9 29.9
71 41.2 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.820 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.153 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

Tgt Ion: 70 Resp: 113967
Ion Ratio Lower Upper
70 100
42 56.1 55.8 83.8
101 0.0 8.1 12.1#
130 1.7 15.7 23.5#

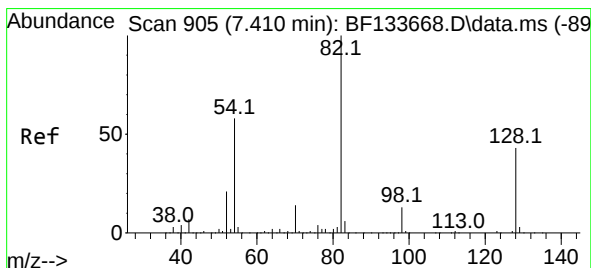
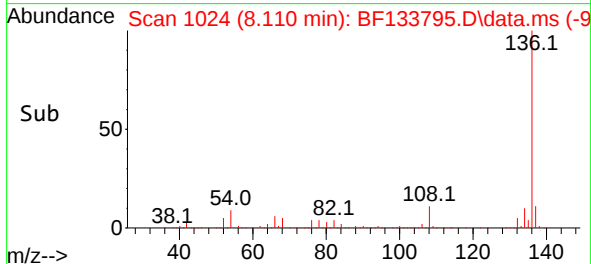
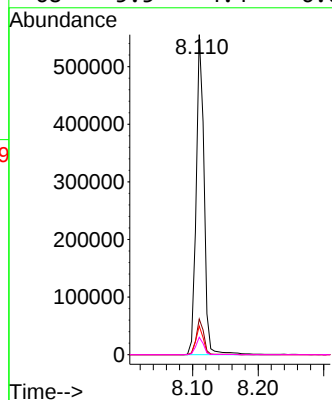
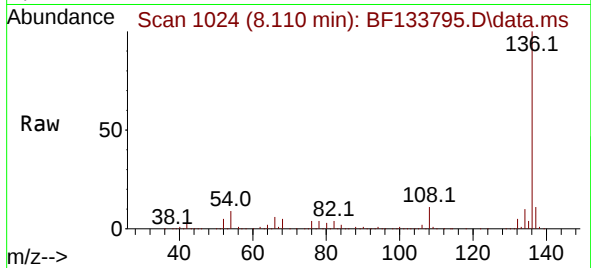




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

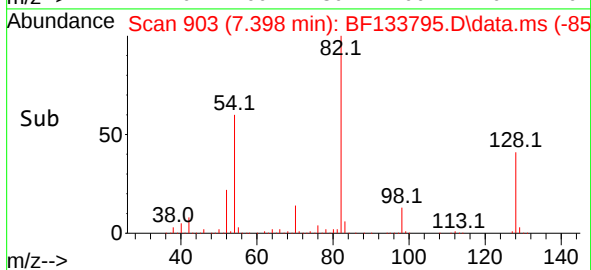
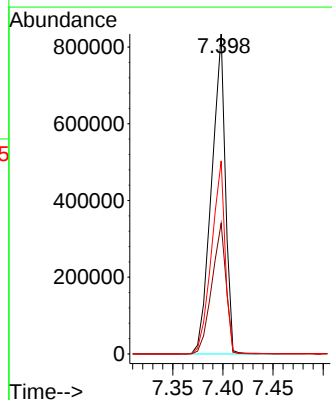
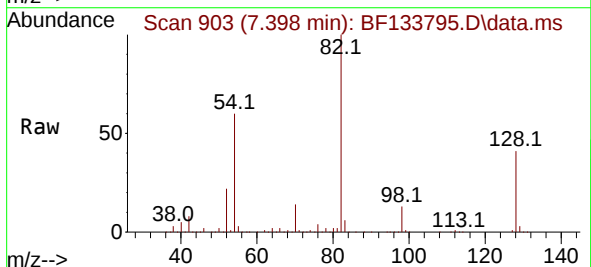
Instrument :
BNA_F
ClientSampleId :
C-ANDREW

Tgt Ion:136 Resp: 464478
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.0 7.4 11.0
68 5.5 4.4 6.6



#23
Nitrobenzene-d5
Concen: 93.691 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

Tgt Ion: 82 Resp: 798976
Ion Ratio Lower Upper
82 100
128 40.8 34.2 51.2
54 60.4 46.5 69.7

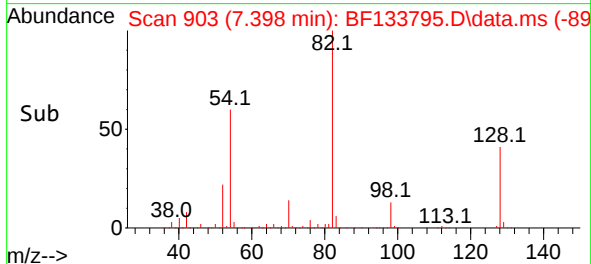
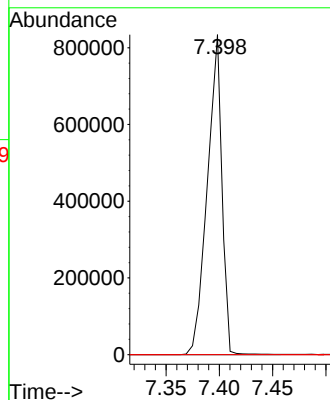
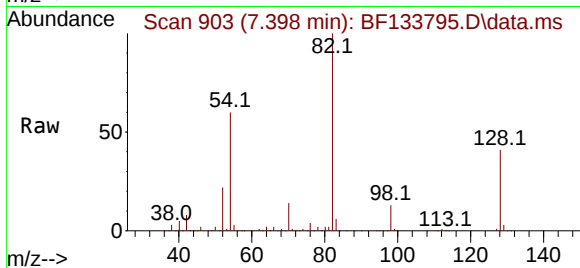




#25
Isophorone
Concen: 51.032 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

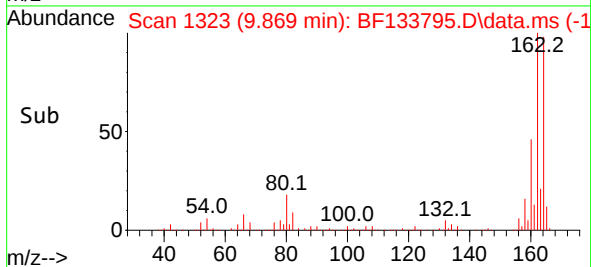
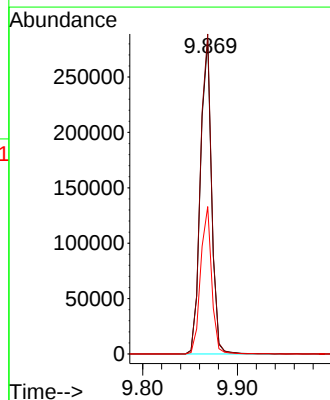
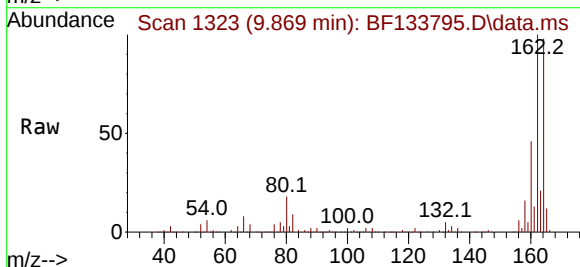
Instrument :
BNA_F
ClientSampleId :
C-ANDREW

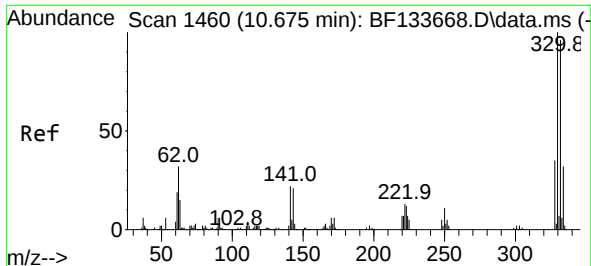
Tgt Ion: 82 Resp: 798960
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

Tgt Ion:164 Resp: 232099
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 47.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 123.130 ng

RT: 10.663 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF133795.D

Acq: 16 Jun 2023 02:08

Instrument :

BNA_F

ClientSampleId :

C-ANDREW

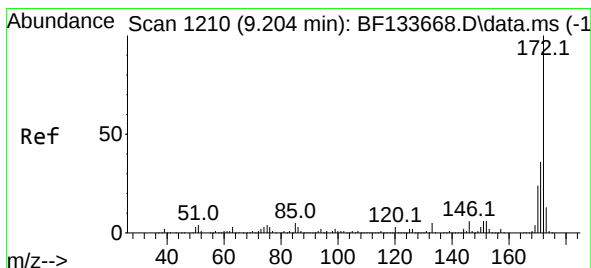
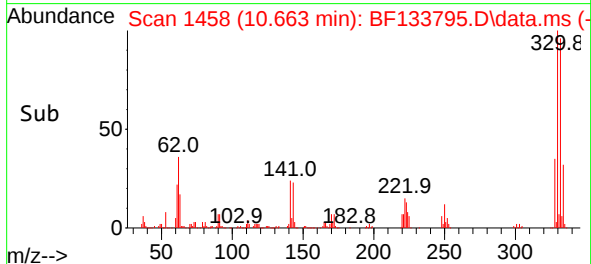
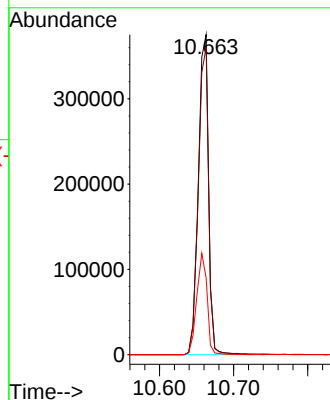
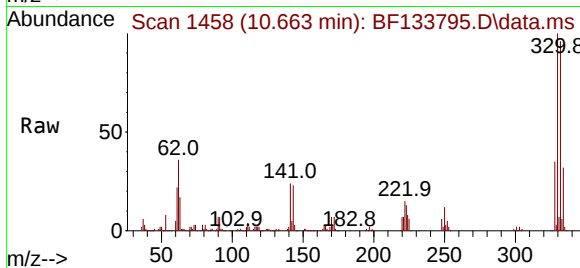
Tgt Ion:330 Resp: 361752

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

141 31.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 89.881 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133795.D

Acq: 16 Jun 2023 02:08

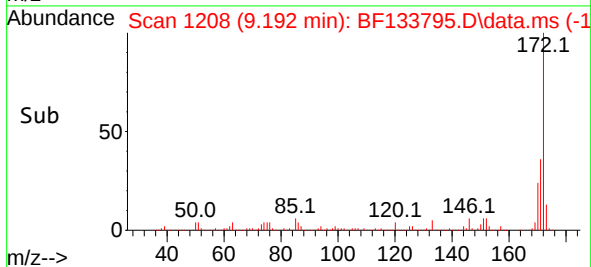
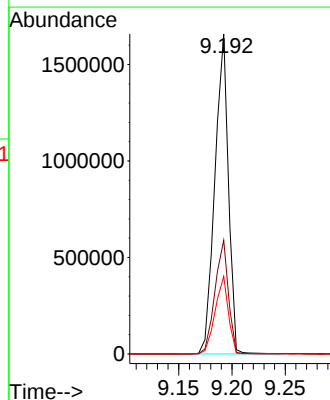
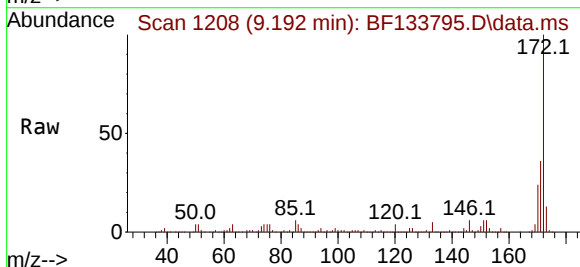
Tgt Ion:172 Resp: 1467532

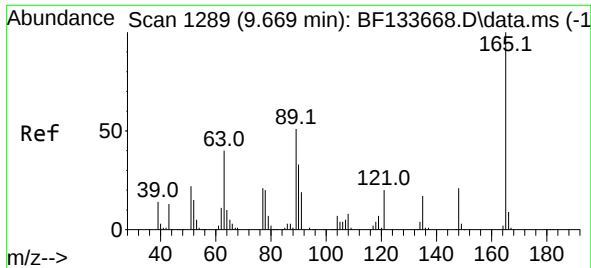
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.2 19.1 28.7

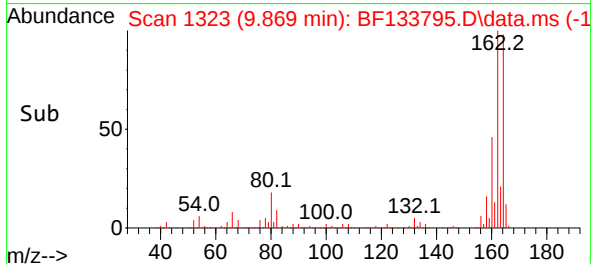
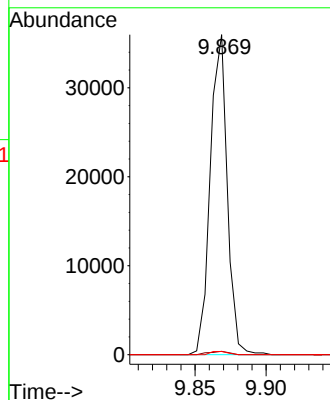
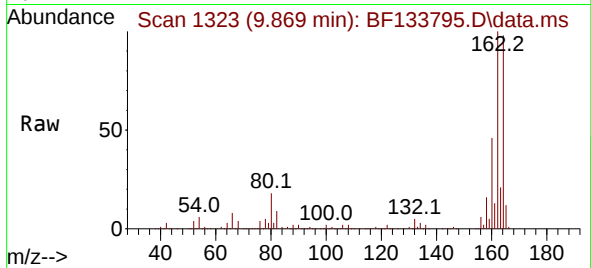




#51
2,6-Dinitrotoluene
Concen: 8.372 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

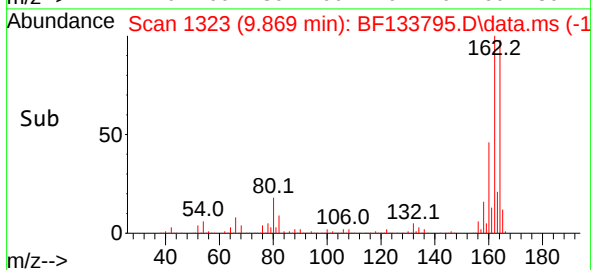
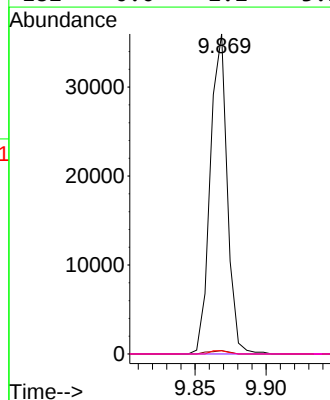
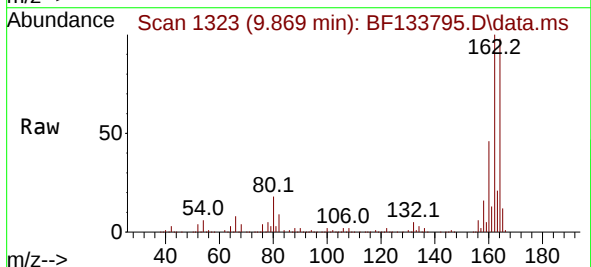
Instrument :
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ClientSampleId :
C-ANDREW

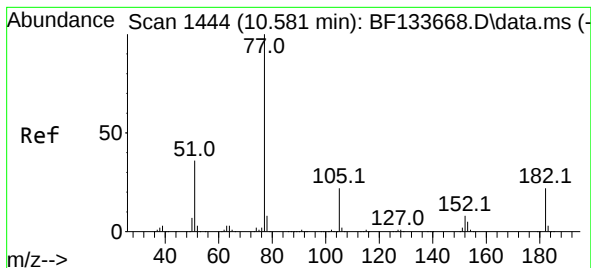
Tgt Ion:165 Resp: 29938
Ion Ratio Lower Upper
165 100
63 1.0 42.1 63.1#
89 1.0 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.583 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

Tgt Ion:165 Resp: 29938
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.0 62.6 93.8#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 2.281 ng

RT: 10.580 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF133795.D

Acq: 16 Jun 2023 02:08

Instrument :

BNA_F

ClientSampleId :

C-ANDREW

Tgt Ion: 77 Resp: 38068

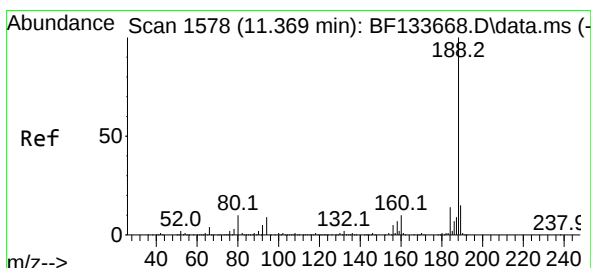
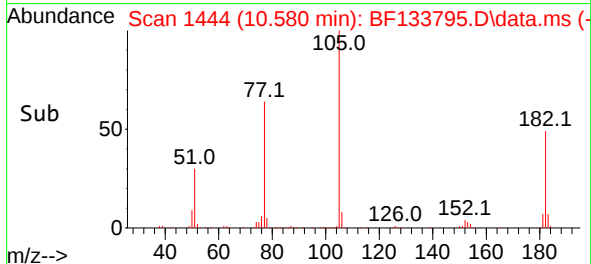
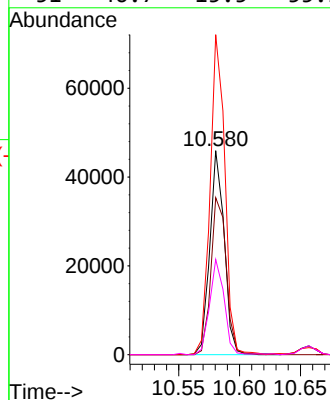
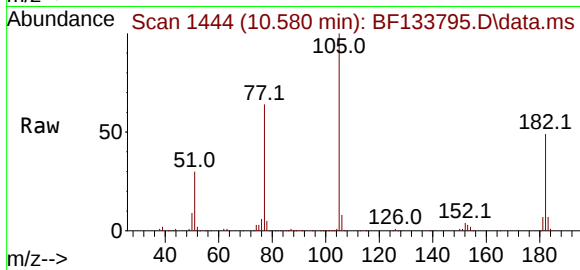
Ion Ratio Lower Upper

77 100

182 77.0 1.6 41.6#

105 156.9 1.6 41.6#

51 46.7 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF133795.D

Acq: 16 Jun 2023 02:08

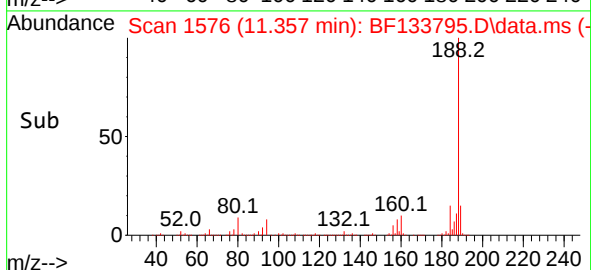
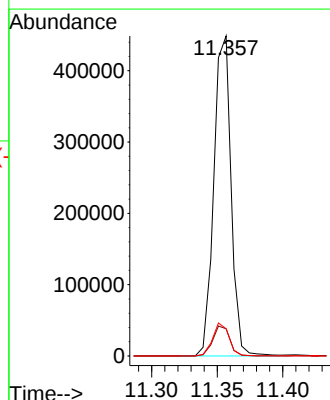
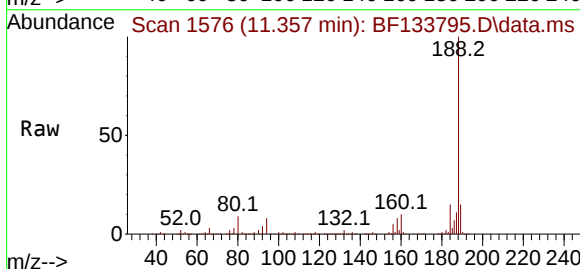
Tgt Ion:188 Resp: 410297

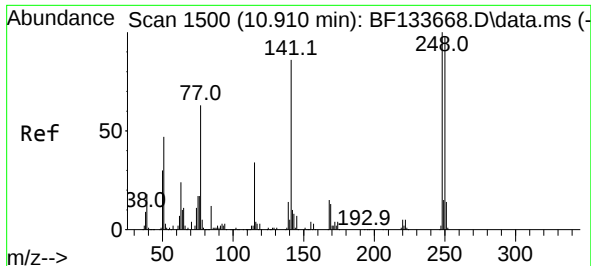
Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 8.5 7.8 11.6

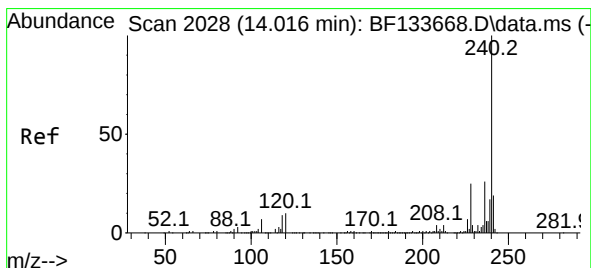
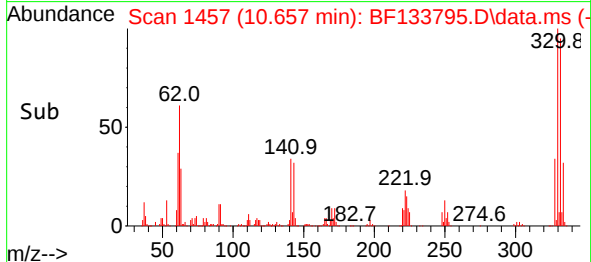
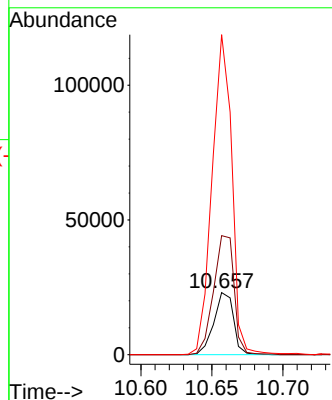
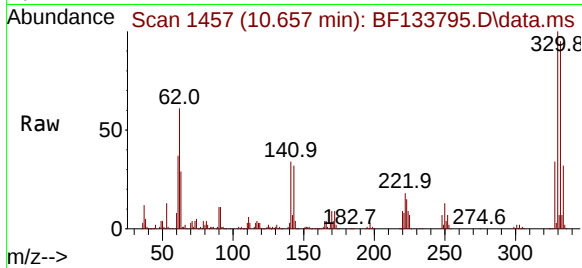




#67
4-Bromophenyl-phenylether
Concen: 4.852 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

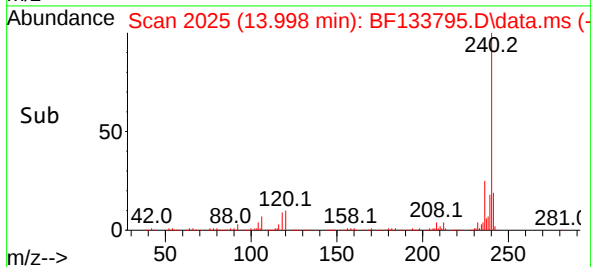
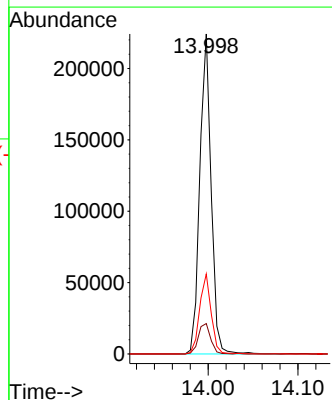
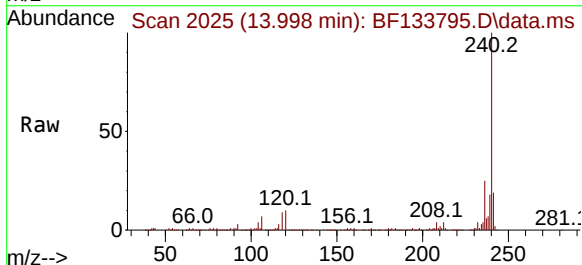
Instrument :
BNA_F
ClientSampleId :
C-ANDREW

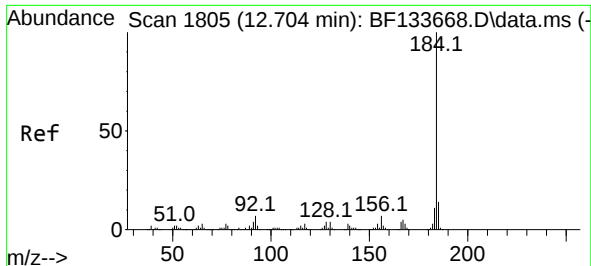
Tgt Ion:248 Resp: 22219
Ion Ratio Lower Upper
248 100
250 191.7 78.3 117.5#
141 515.5 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

Tgt Ion:240 Resp: 195939
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 25.0 20.5 30.7

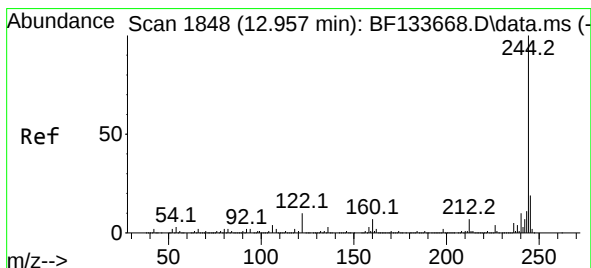
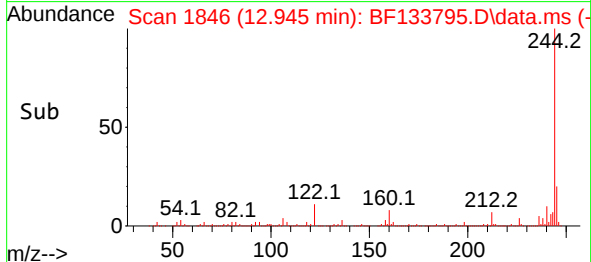
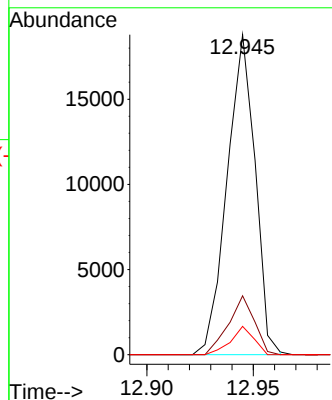
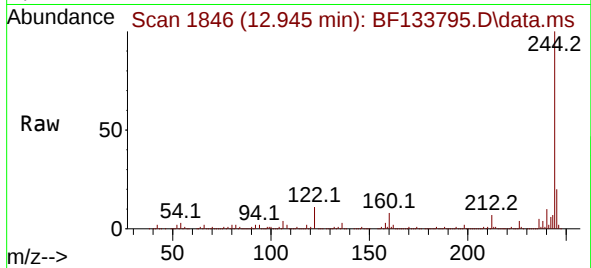




#77
Benzidine
Concen: 2.616 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.253 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

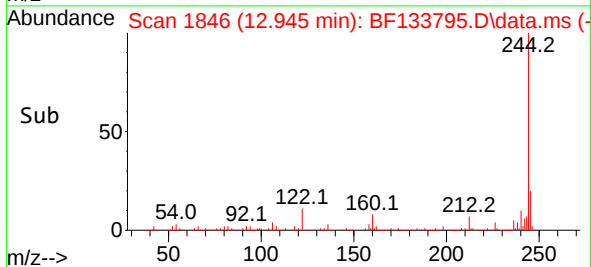
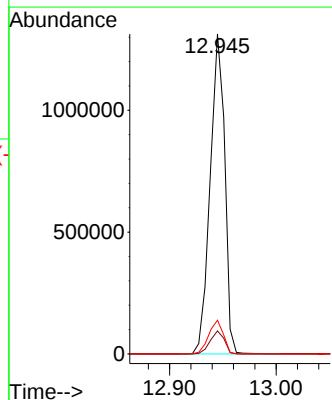
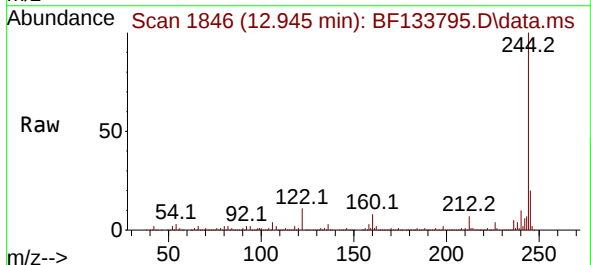
Instrument :
BNA_F
ClientSampleId :
C-ANDREW

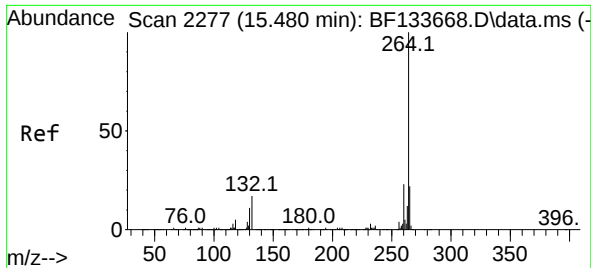
Tgt Ion:184 Resp: 17201
Ion Ratio Lower Upper
184 100
185 18.4 11.6 17.4#
183 8.8 8.4 12.6



#79
Terphenyl-d14
Concen: 98.665 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

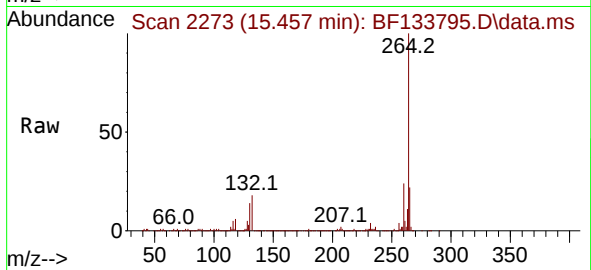
Tgt Ion:244 Resp: 1249390
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.5 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133795.D
Acq: 16 Jun 2023 02:08

Instrument :
BNA_F
ClientSampleId :
C-ANDREW



Tgt Ion:264 Resp: 261114

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.4	17.8	26.6

