

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132835.D
 Acq On : 17 Mar 2023 21:53
 Operator : CG\JU
 Sample : 01932-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-6C-031423

Quant Time: Mar 17 23:34:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

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

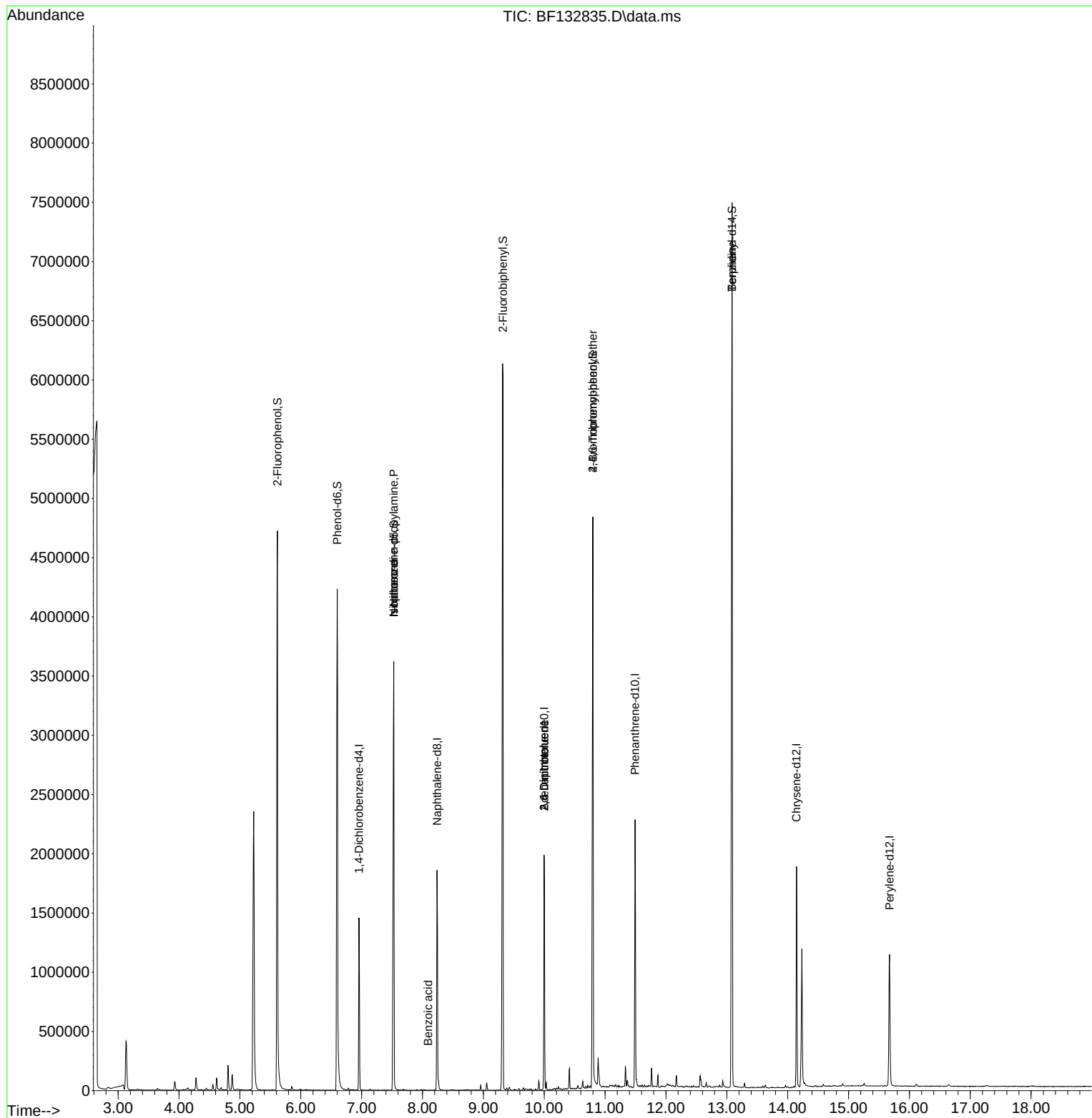
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	203519	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	802376	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	403567	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	842550	20.000	ng	0.00
76) Chrysene-d12	14.145	240	604710	20.000	ng	0.00
86) Perylene-d12	15.674	264	556821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1525327	126.467	ng	0.03
7) Phenol-d6	6.598	99	1886711	120.518	ng	0.00
23) Nitrobenzene-d5	7.528	82	1391150	88.727	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	666156	155.279	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2277172	92.690	ng	0.00
79) Terphenyl-d14	13.086	244	2935901	87.667	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.528	70	183878	20.586	ng	# 76
25) Isophorone	7.528	82	1391131	45.134	ng	# 66
32) Benzoic acid	8.092	122	127	10.483	ng	# 68
51) 2,6-Dinitrotoluene	9.998	165	54096	8.455	ng	# 28
57) 2,4-Dinitrotoluene	9.998	165	54096	6.619	ng	# 23
67) 4-Bromophenyl-phenylether	10.798	248	42281	4.341	ng	# 1
77) Benzidine	13.086	184	42540	11.296	ng	# 95

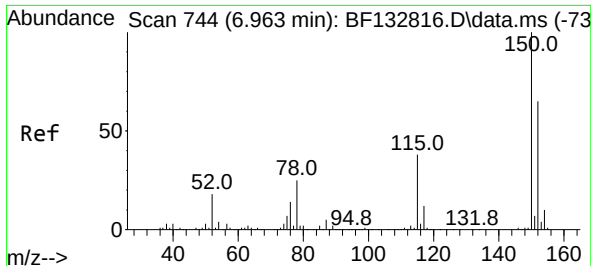
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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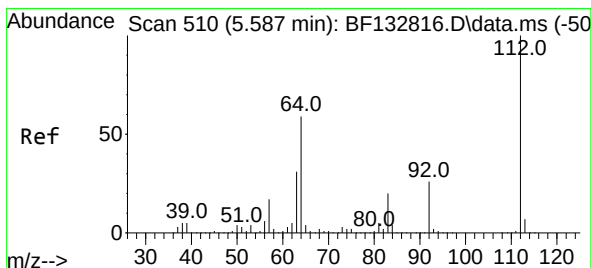
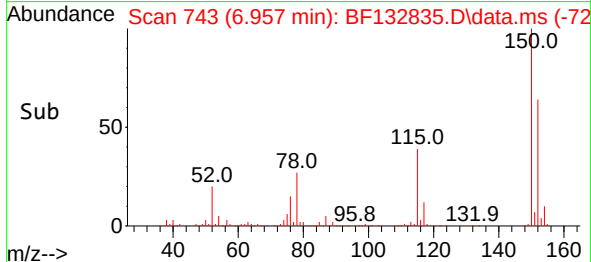
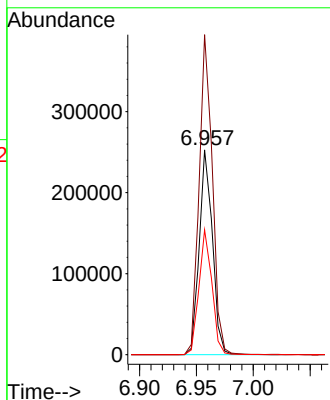
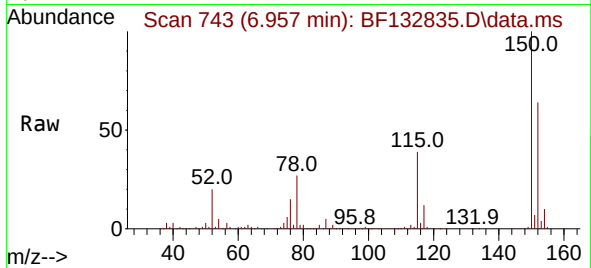




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132835.D
Acq: 17 Mar 2023 21:53

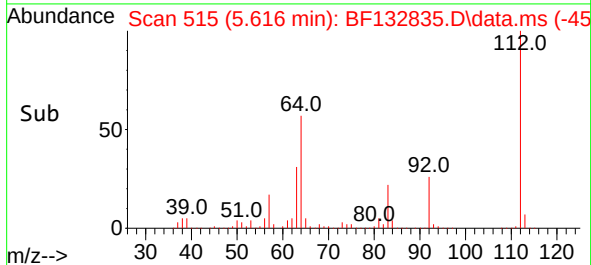
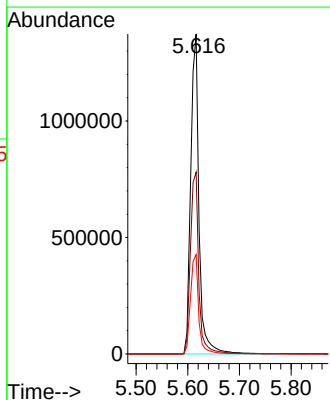
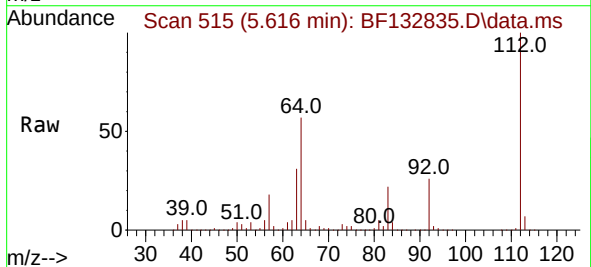
Instrument :
BNA_F
ClientSampleId :
JPP-6C-031423

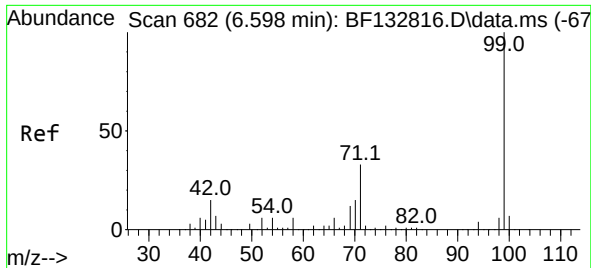
Tgt Ion:152 Resp: 203519
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 61.0 46.2 69.4



#5
2-Fluorophenol
Concen: 126.467 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.030 min
Lab File: BF132835.D
Acq: 17 Mar 2023 21:53

Tgt Ion:112 Resp: 1525327
Ion Ratio Lower Upper
112 100
64 56.8 47.1 70.7
63 31.1 24.4 36.6

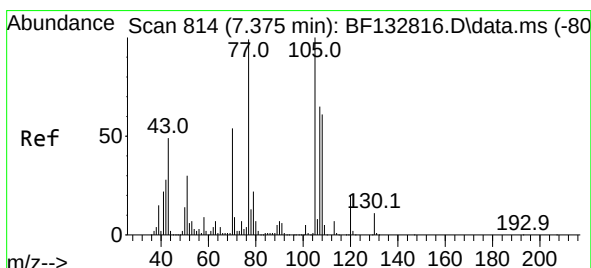
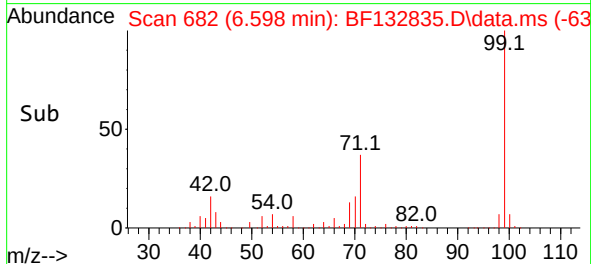
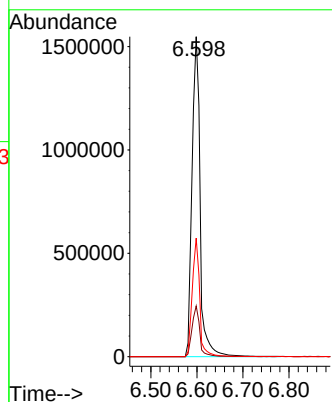
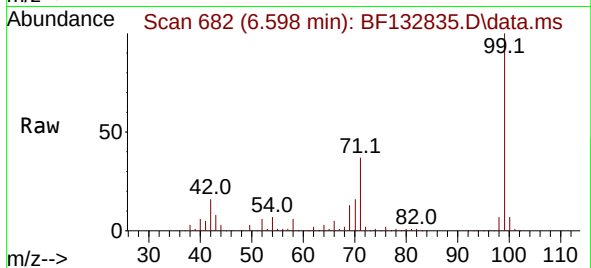




#7
Phenol-d6
Concen: 120.518 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132835.D
Acq: 17 Mar 2023 21:53

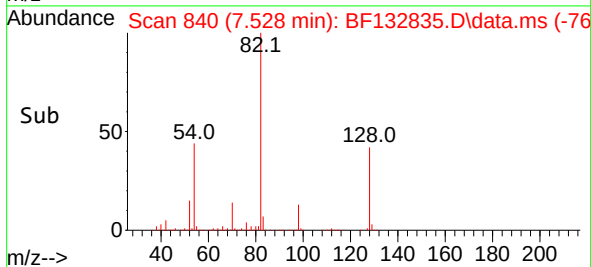
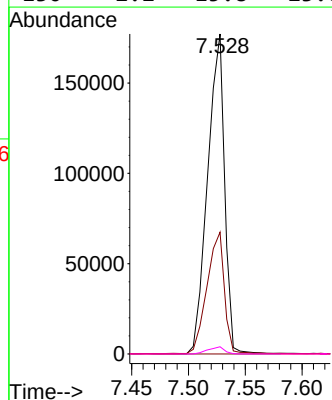
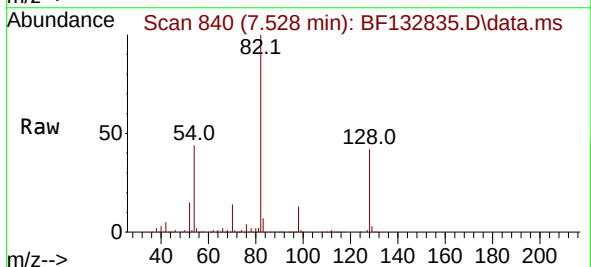
Instrument :
BNA_F
ClientSampleId :
JPP-6C-031423

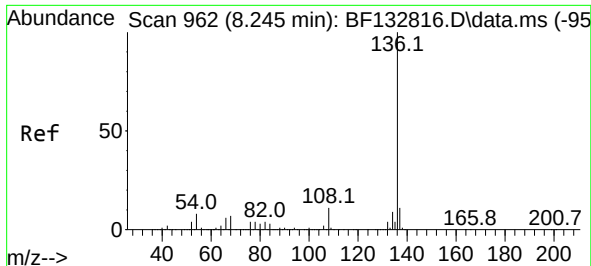
Tgt Ion: 99 Resp: 1886711
Ion Ratio Lower Upper
99 100
42 15.8 11.9 17.9
71 37.1 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.586 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132835.D
Acq: 17 Mar 2023 21:53

Tgt Ion: 70 Resp: 183878
Ion Ratio Lower Upper
70 100
42 38.0 40.9 61.3#
101 0.0 7.8 11.6#
130 2.2 15.8 23.6#

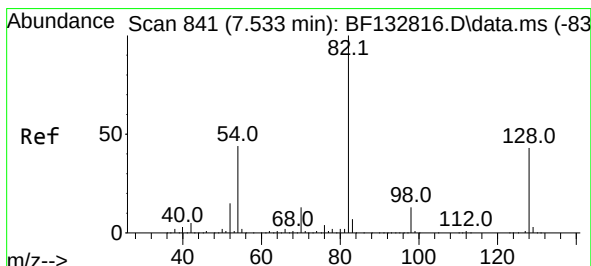
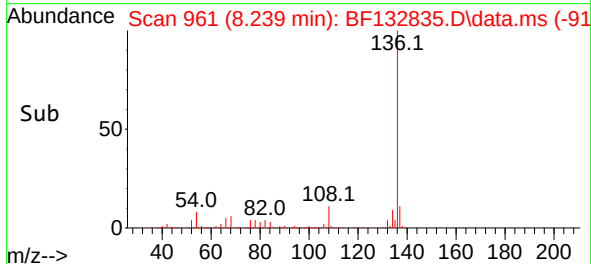
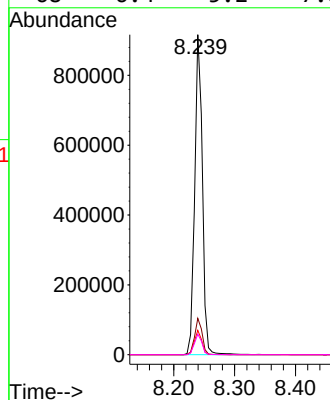
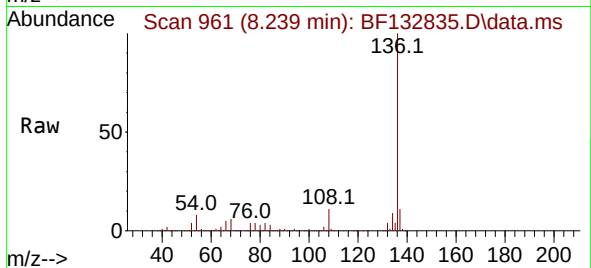




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132835.D
Acq: 17 Mar 2023 21:53

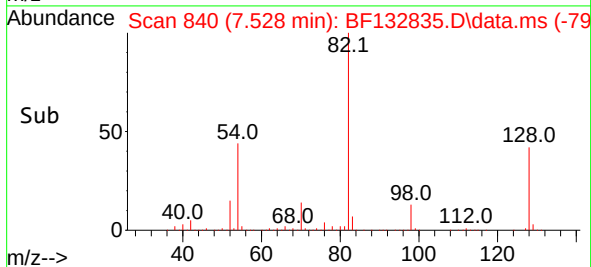
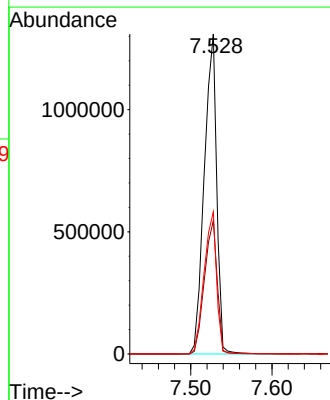
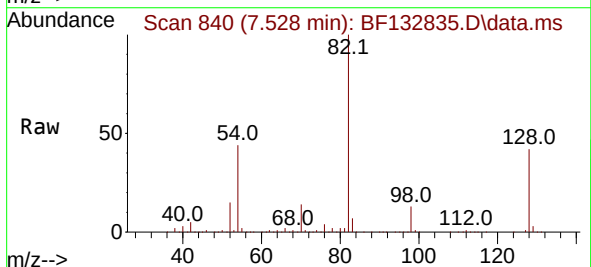
Instrument :
BNA_F
ClientSampleId :
JPP-6C-031423

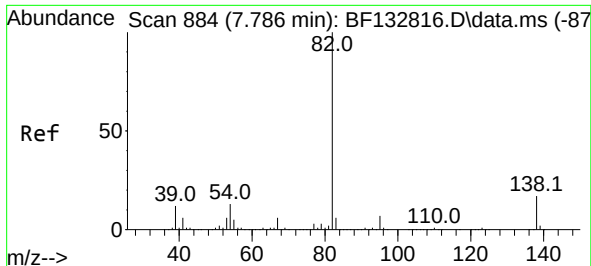
Tgt Ion:136 Resp: 802376
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.6 6.1 9.1
68 6.4 5.2 7.8



#23
Nitrobenzene-d5
Concen: 88.727 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132835.D
Acq: 17 Mar 2023 21:53

Tgt Ion: 82 Resp: 1391150
Ion Ratio Lower Upper
82 100
128 41.6 34.4 51.6
54 44.4 35.2 52.8

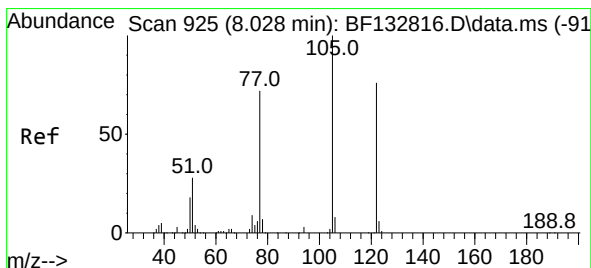
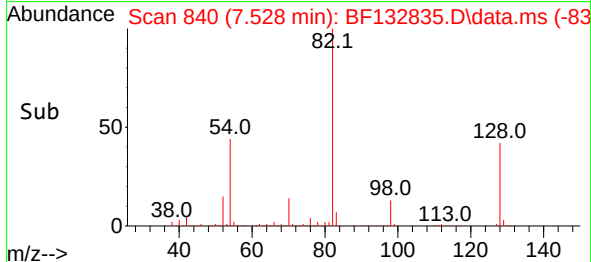
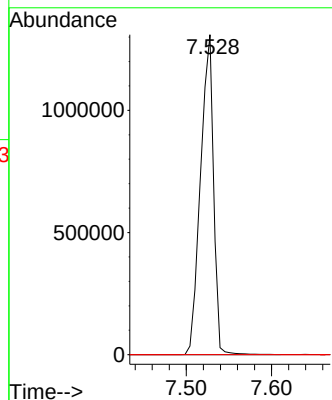
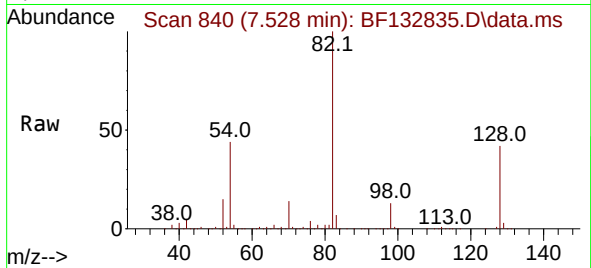




#25
Isophorone
Concen: 45.134 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132835.D
Acq: 17 Mar 2023 21:53

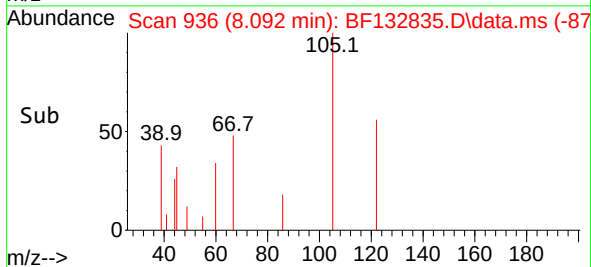
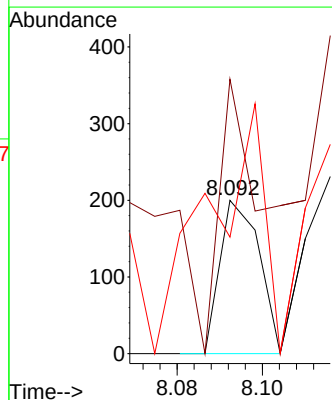
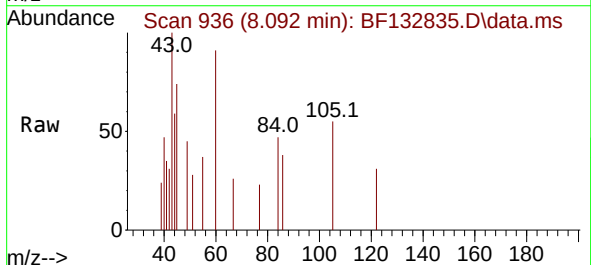
Instrument :
BNA_F
ClientSampleId :
JPP-6C-031423

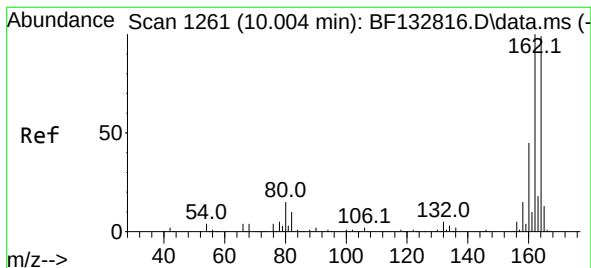
Tgt Ion: 82 Resp: 1391131
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.483 ng
RT: 8.092 min Scan# 936
Delta R.T. 0.064 min
Lab File: BF132835.D
Acq: 17 Mar 2023 21:53

Tgt Ion:122 Resp: 127
Ion Ratio Lower Upper
122 100
105 179.0 110.8 150.8#
77 76.0 74.2 114.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF132835.D

Acq: 17 Mar 2023 21:53

Instrument :

BNA_F

ClientSampleId :

JPP-6C-031423

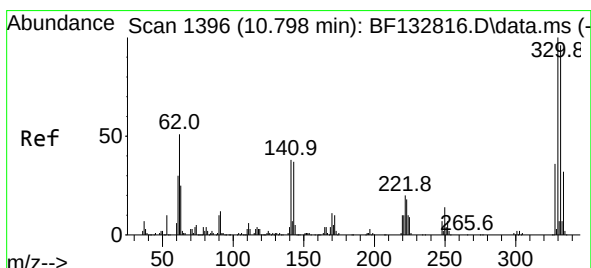
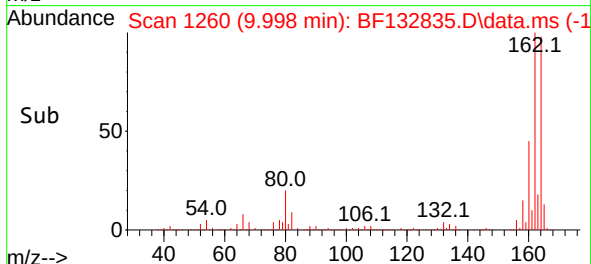
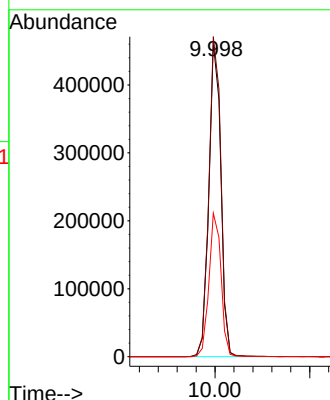
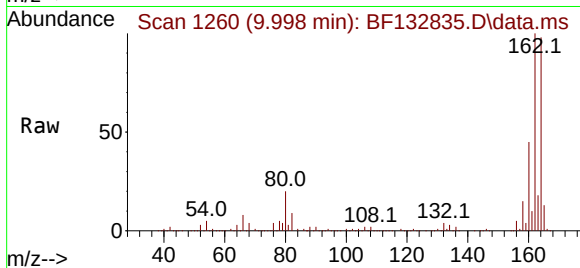
Tgt Ion:164 Resp: 403567

Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

160 45.7 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 155.279 ng

RT: 10.798 min Scan# 1396

Delta R.T. 0.000 min

Lab File: BF132835.D

Acq: 17 Mar 2023 21:53

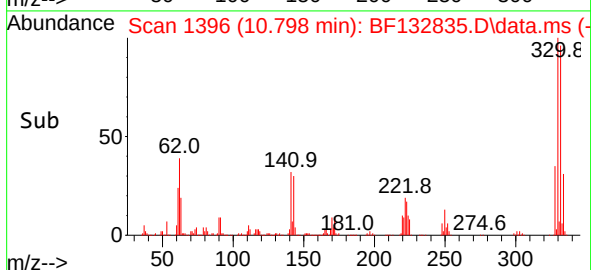
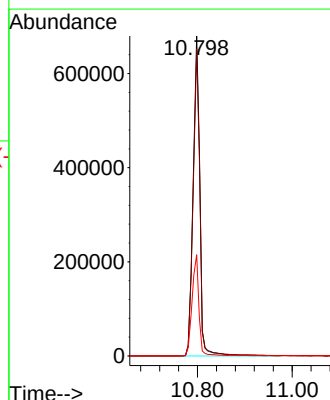
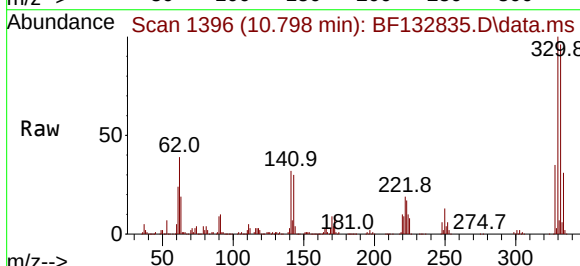
Tgt Ion:330 Resp: 666156

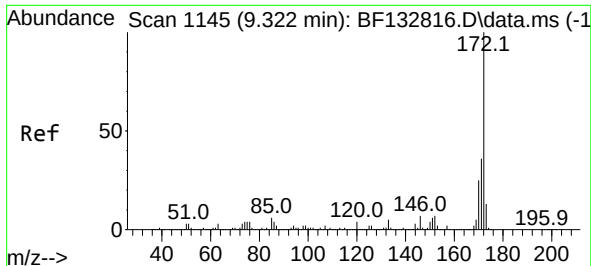
Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

141 32.2 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 92.690 ng

RT: 9.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF132835.D

Acq: 17 Mar 2023 21:53

Instrument :

BNA_F

ClientSampleId :

JPP-6C-031423

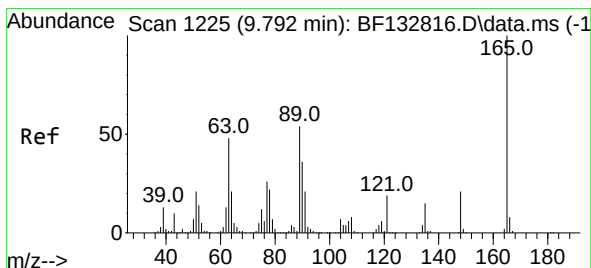
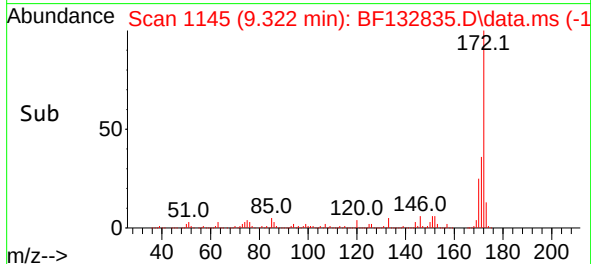
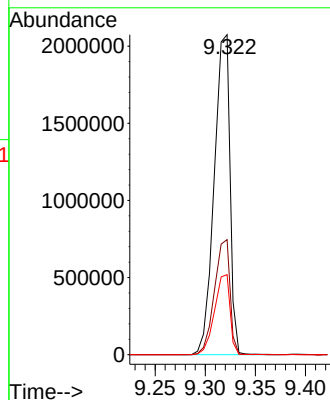
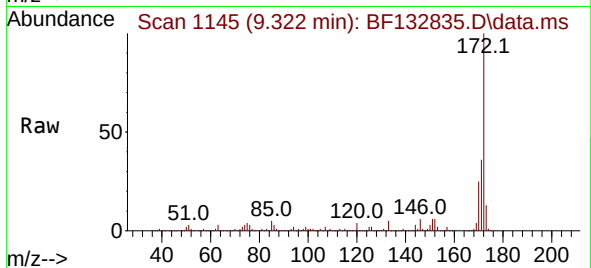
Tgt Ion:172 Resp: 2277172

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 25.0 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 8.455 ng

RT: 9.998 min Scan# 1260

Delta R.T. 0.206 min

Lab File: BF132835.D

Acq: 17 Mar 2023 21:53

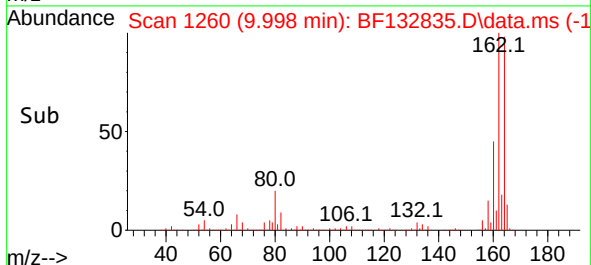
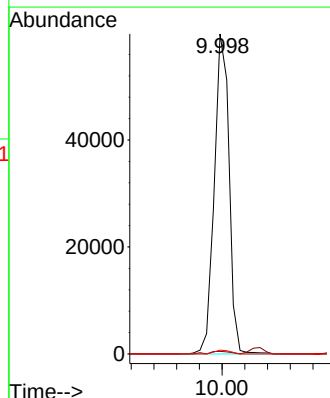
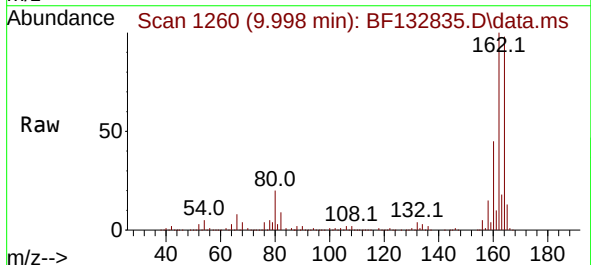
Tgt Ion:165 Resp: 54096

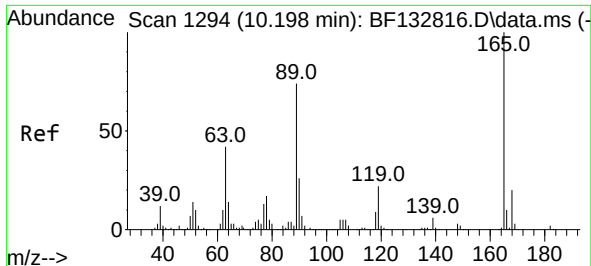
Ion Ratio Lower Upper

165 100

63 0.8 39.1 58.7#

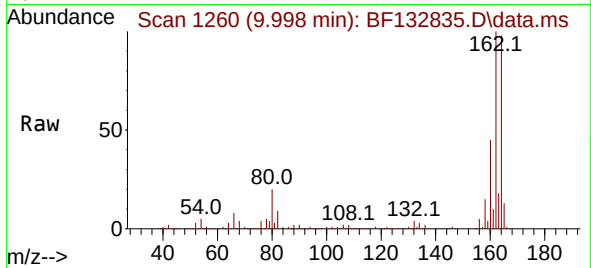
89 1.2 43.5 65.3#



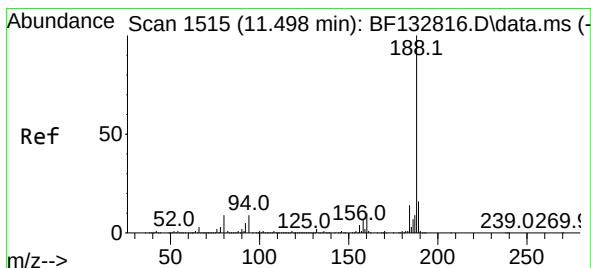
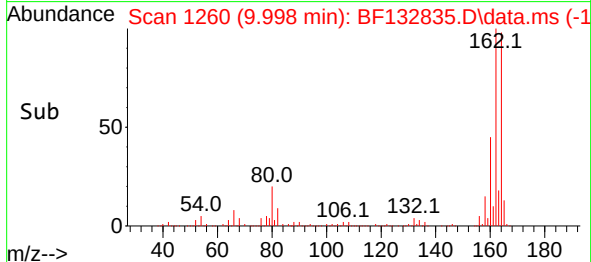
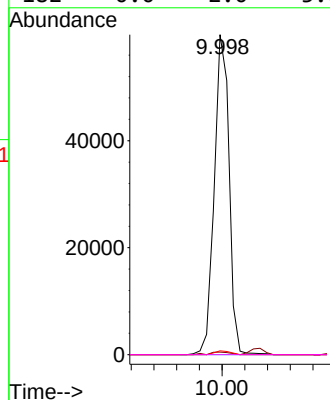


#57
2,4-Dinitrotoluene
Concen: 6.619 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132835.D
Acq: 17 Mar 2023 21:53

Instrument :
BNA_F
ClientSampleId :
JPP-6C-031423

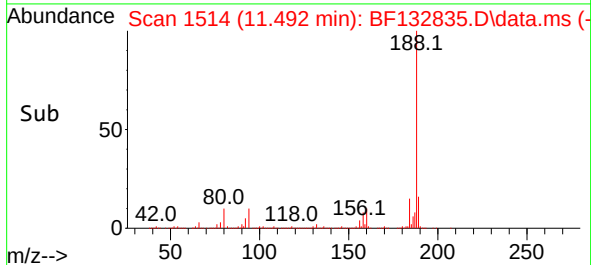
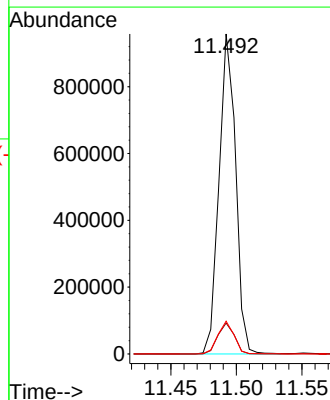
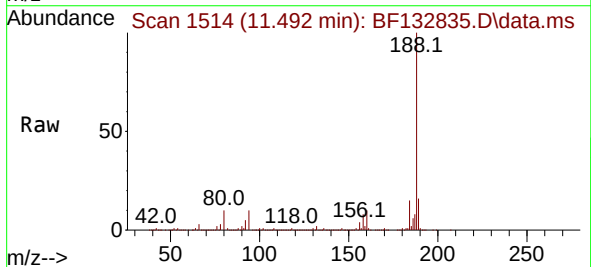


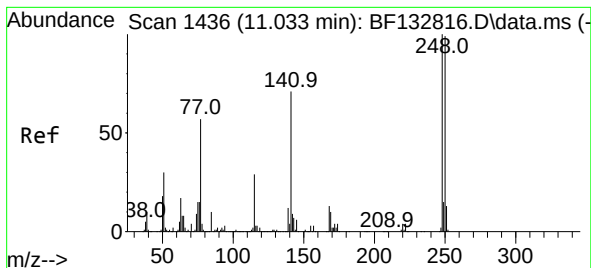
Tgt Ion:165 Resp: 54096
Ion Ratio Lower Upper
165 100
63 0.8 34.4 51.6#
89 1.2 59.5 89.3#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132835.D
Acq: 17 Mar 2023 21:53

Tgt Ion:188 Resp: 842550
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.3 7.5 11.3

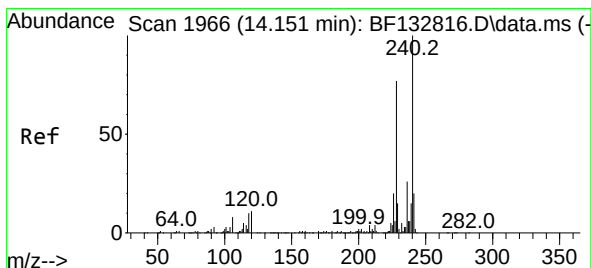
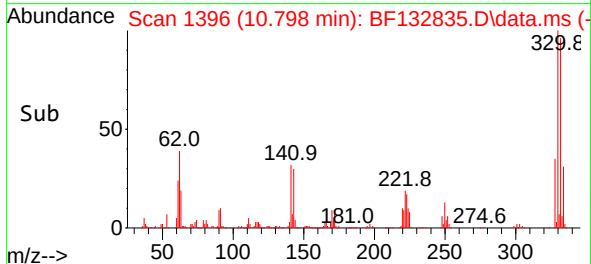
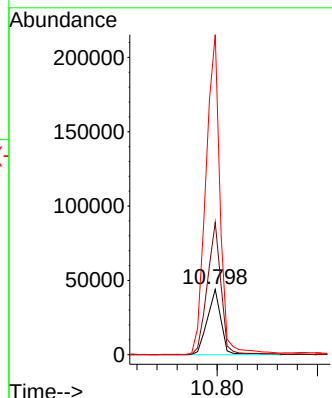
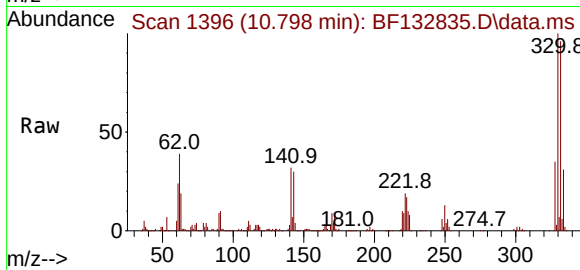




#67
4-Bromophenyl-phenylether
Concen: 4.341 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF132835.D
Acq: 17 Mar 2023 21:53

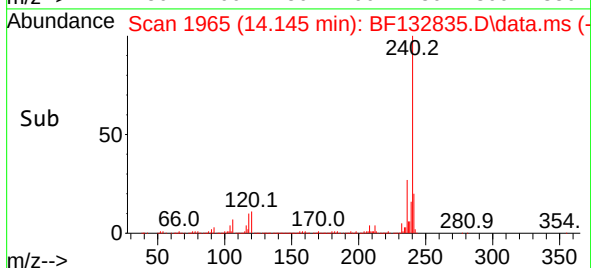
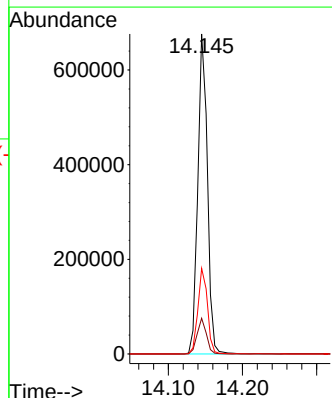
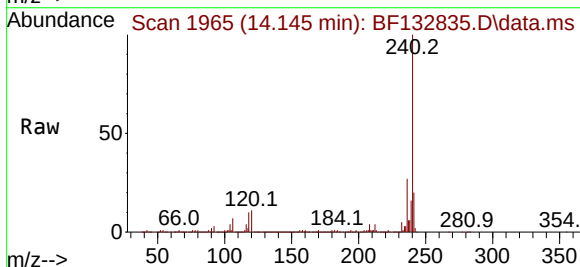
Instrument :
BNA_F
ClientSampleId :
JPP-6C-031423

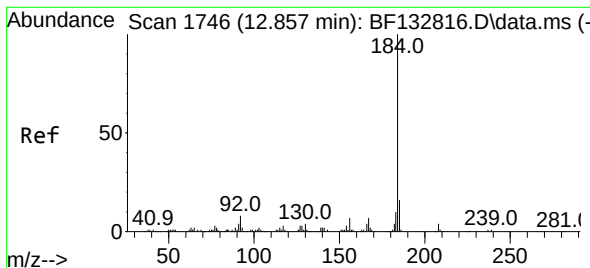
Tgt Ion:248 Resp: 42281
Ion Ratio Lower Upper
248 100
250 202.7 79.1 118.7#
141 489.9 57.1 85.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132835.D
Acq: 17 Mar 2023 21:53

Tgt Ion:240 Resp: 604710
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 26.7 21.2 31.8





#77

Benzidine

Concen: 11.296 ng

RT: 13.086 min Scan# 1785

Delta R.T. 0.230 min

Lab File: BF132835.D

Acq: 17 Mar 2023 21:53

Instrument :

BNA_F

ClientSampleId :

JPP-6C-031423

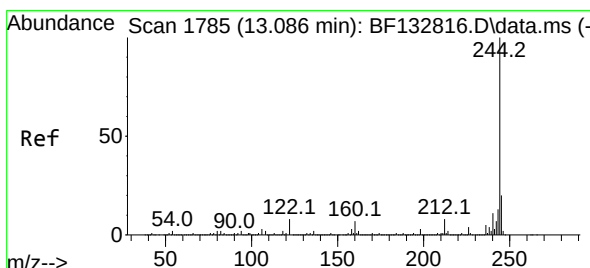
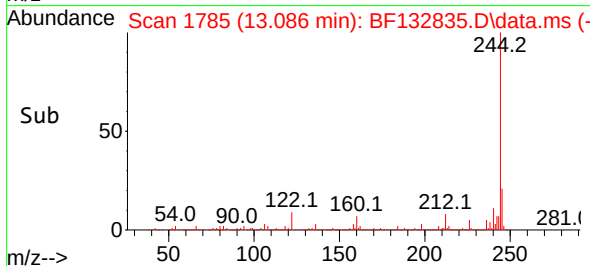
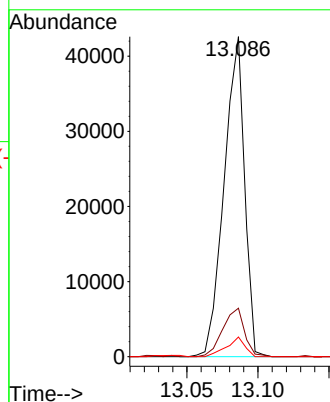
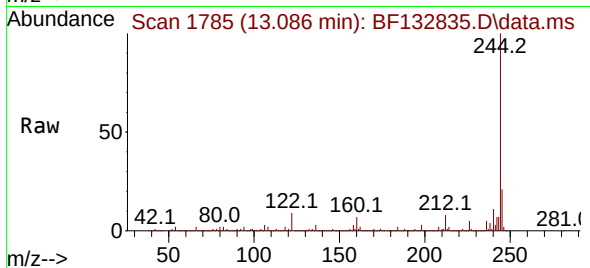
Tgt Ion:184 Resp: 42540

Ion Ratio Lower Upper

184 100

185 15.2 12.6 19.0

183 6.1 8.2 12.4#



#79

Terphenyl-d14

Concen: 87.667 ng

RT: 13.086 min Scan# 1785

Delta R.T. 0.000 min

Lab File: BF132835.D

Acq: 17 Mar 2023 21:53

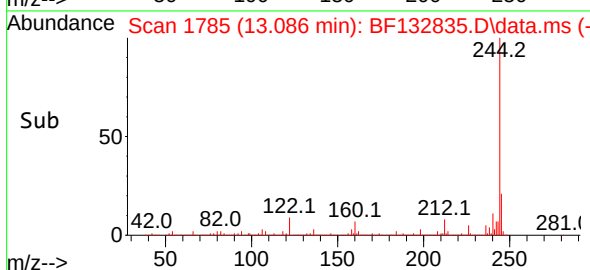
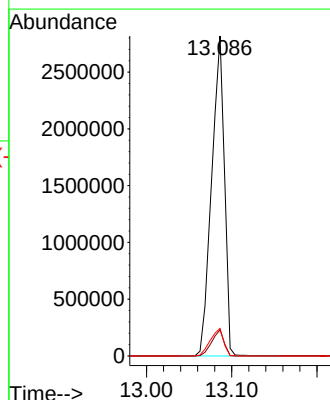
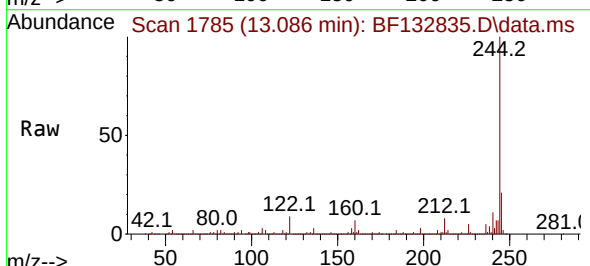
Tgt Ion:244 Resp: 2935901

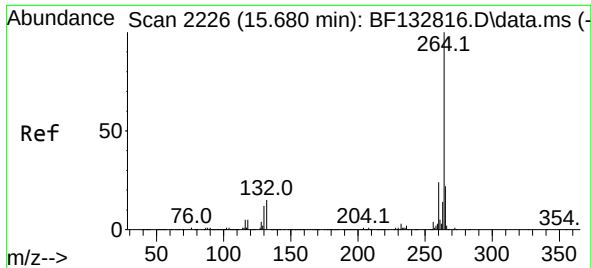
Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 8.6 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132835.D
 Acq: 17 Mar 2023 21:53

Instrument :
 BNA_F
 ClientSampleId :
 JPP-6C-031423

Tgt Ion:264 Resp: 556821
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 21.8 17.4 26.0

