

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132831.D
 Acq On : 17 Mar 2023 19:36
 Operator : CG\JU
 Sample : 01932-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-86B-031423

Quant Time: Mar 17 23:30:43 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)

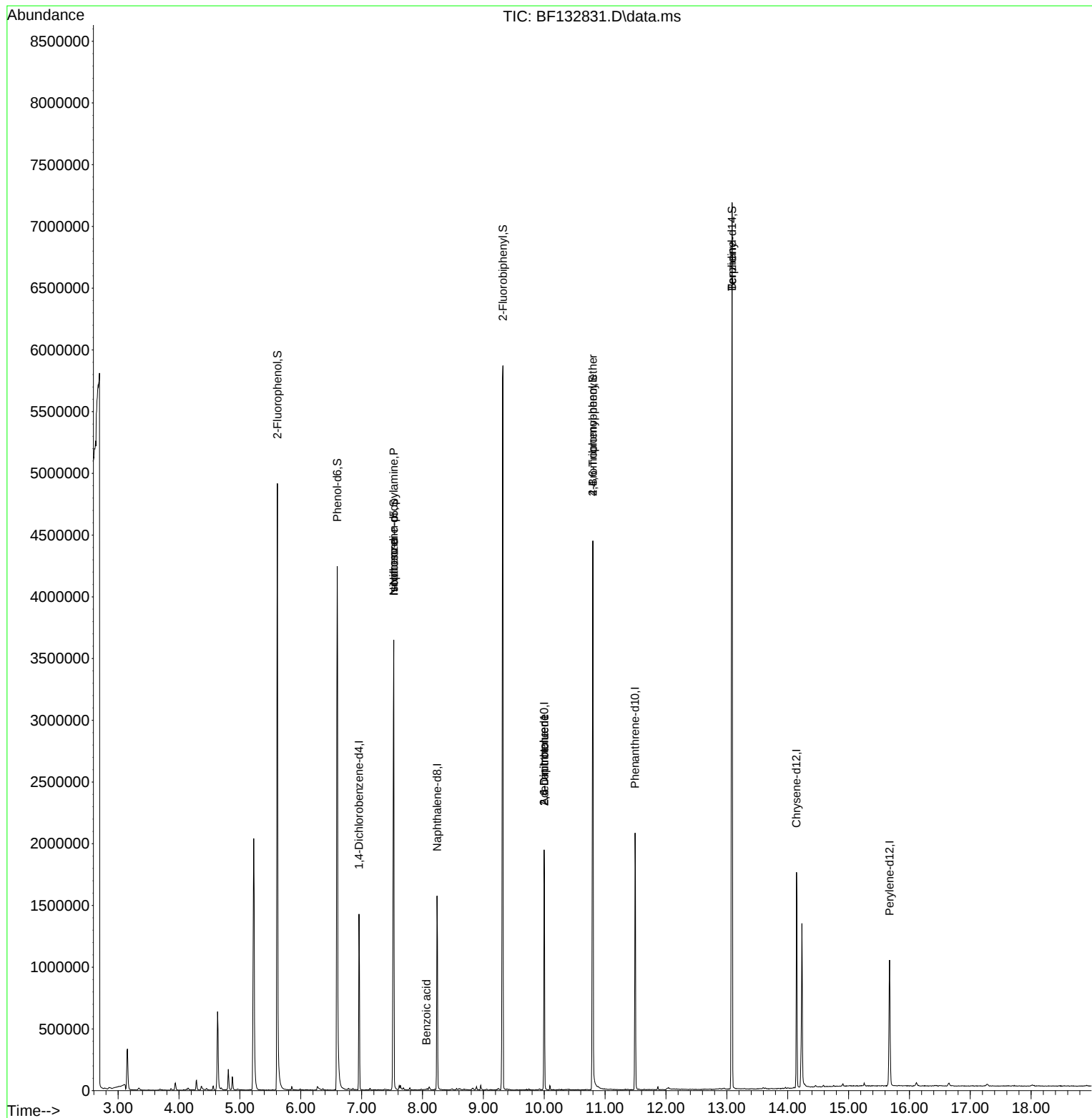
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	203023	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	695601	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	408249	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	796100	20.000	ng	0.00
76) Chrysene-d12	14.145	240	592372	20.000	ng	0.00
86) Perylene-d12	15.674	264	497970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1559566	129.621	ng	0.03
7) Phenol-d6	6.598	99	1908277	122.193	ng	0.00
23) Nitrobenzene-d5	7.528	82	1349231	99.262	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	611052	140.801	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2118242	85.232	ng	0.00
79) Terphenyl-d14	13.086	244	2817931	85.897	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.528	70	178362	20.017	ng	# 75
25) Isophorone	7.528	82	1349390	50.500	ng	# 66
32) Benzoic acid	8.063	122	2748	10.798	ng	# 61
51) 2,6-Dinitrotoluene	9.998	165	51372	7.937	ng	# 28
57) 2,4-Dinitrotoluene	9.998	165	51372	6.214	ng	# 23
67) 4-Bromophenyl-phenylether	10.798	248	40392	4.389	ng	# 1
77) Benzidine	13.086	184	41413	11.226	ng	# 95

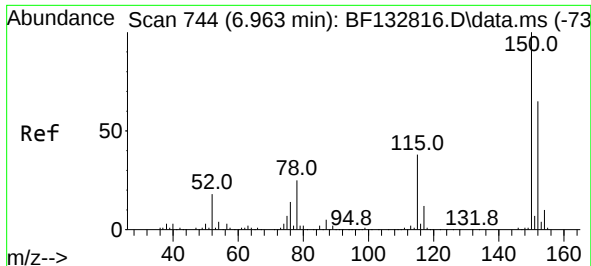
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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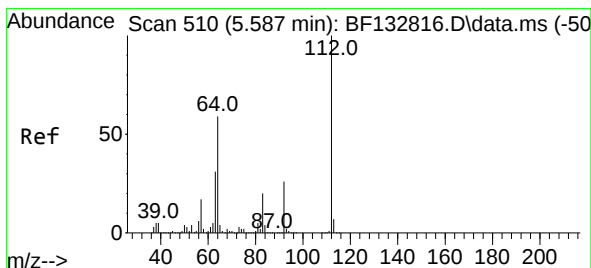
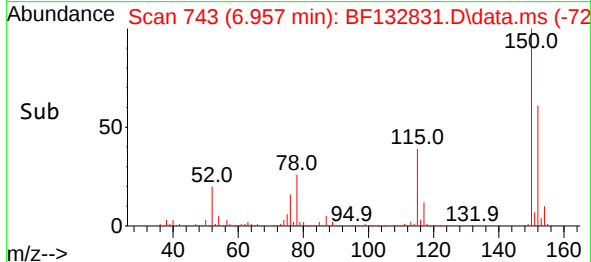
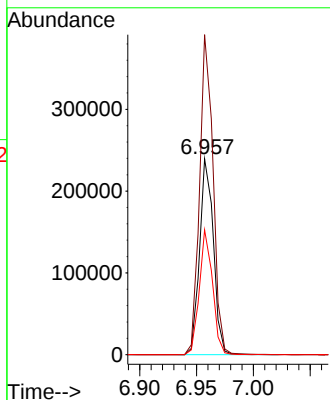
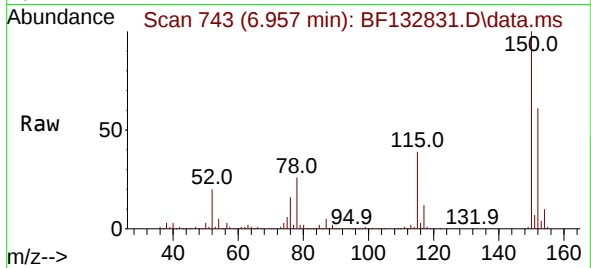




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

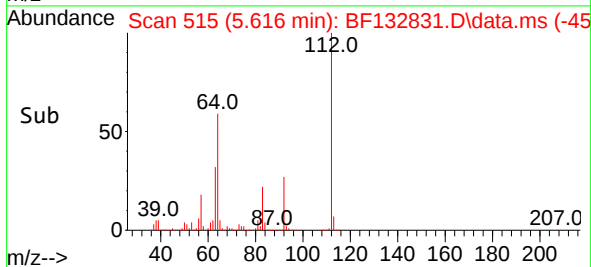
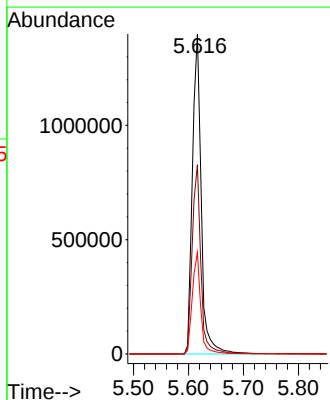
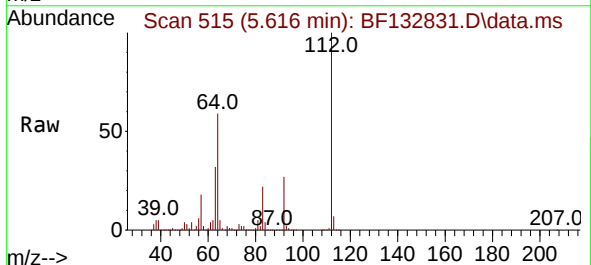
Instrument :
BNA_F
ClientSampleId :
CE-86B-031423

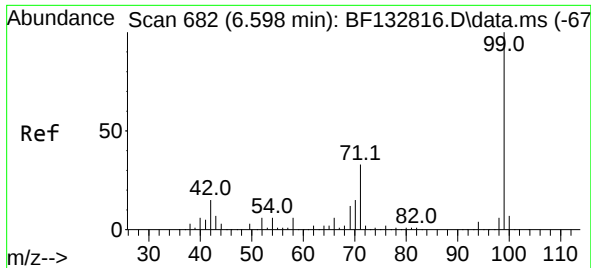
Tgt Ion:152 Resp: 203023
Ion Ratio Lower Upper
152 100
150 163.4 122.7 184.1
115 63.8 46.2 69.4



#5
2-Fluorophenol
Concen: 129.621 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.029 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

Tgt Ion:112 Resp: 1559566
Ion Ratio Lower Upper
112 100
64 59.2 47.1 70.7
63 31.7 24.4 36.6

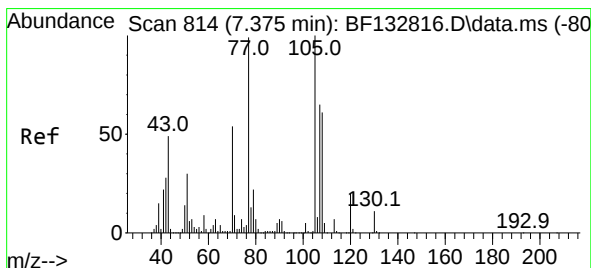
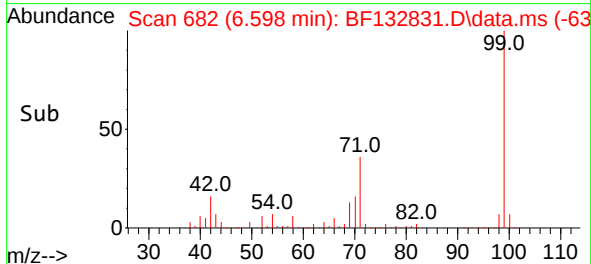
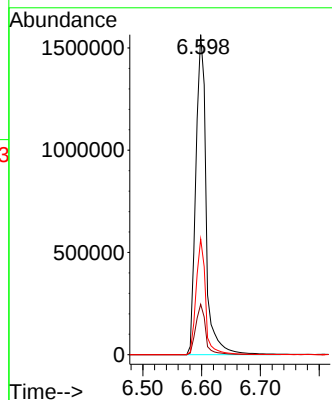
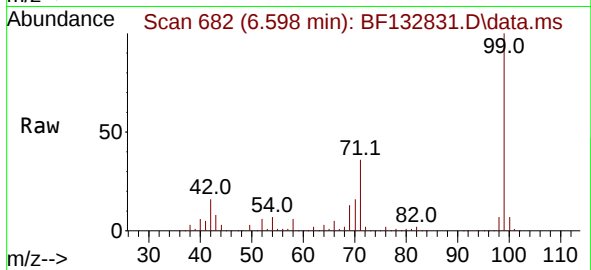




#7
Phenol-d6
Concen: 122.193 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

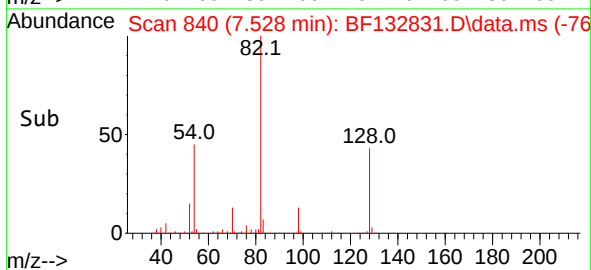
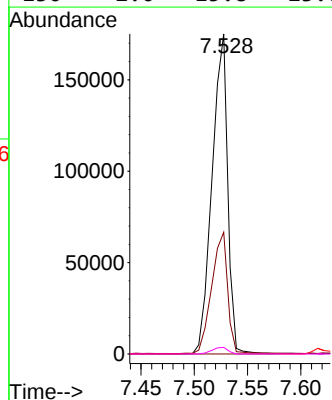
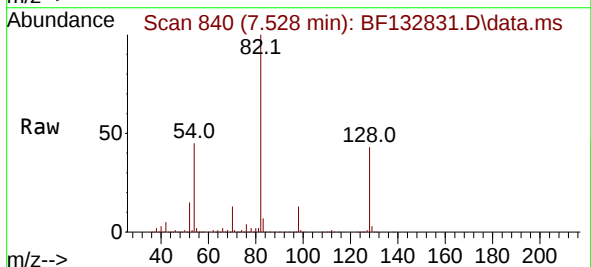
Instrument :
BNA_F
ClientSampleId :
CE-86B-031423

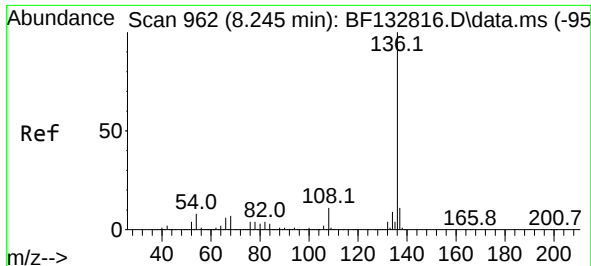
Tgt Ion: 99 Resp: 1908277
Ion Ratio Lower Upper
99 100
42 15.8 11.9 17.9
71 36.2 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.017 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

Tgt Ion: 70 Resp: 178362
Ion Ratio Lower Upper
70 100
42 38.1 40.9 61.3#
101 0.0 7.8 11.6#
130 2.0 15.8 23.6#

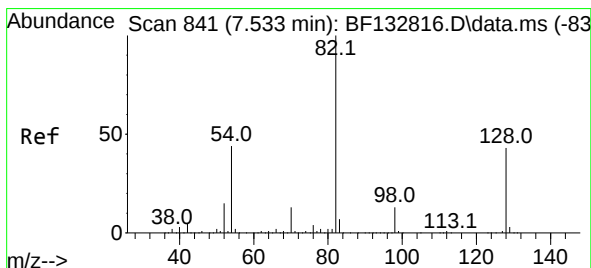
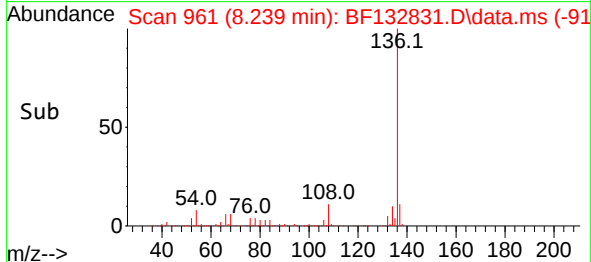
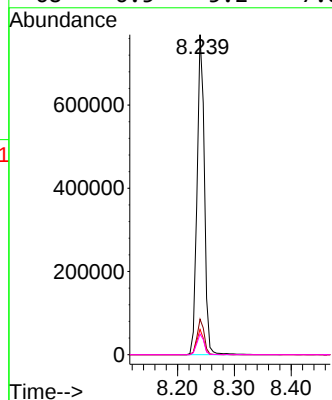
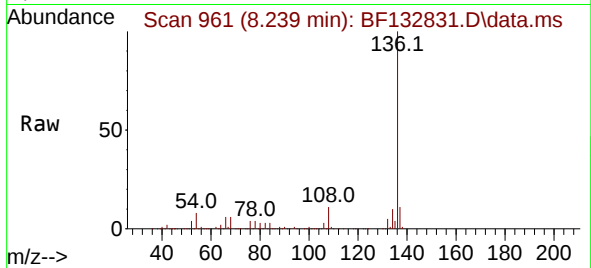




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

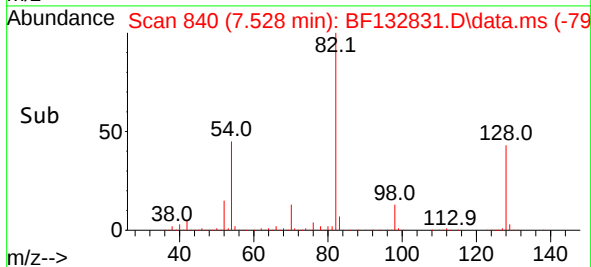
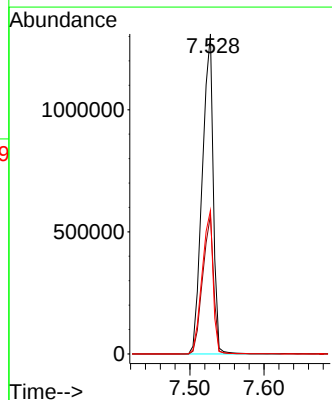
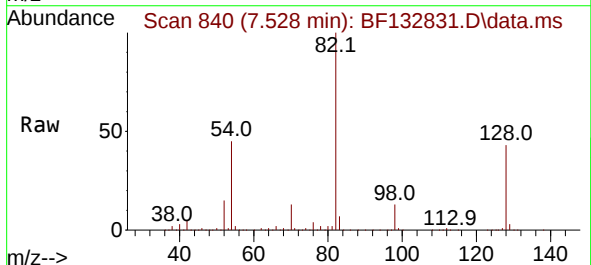
Instrument :
BNA_F
ClientSampleId :
CE-86B-031423

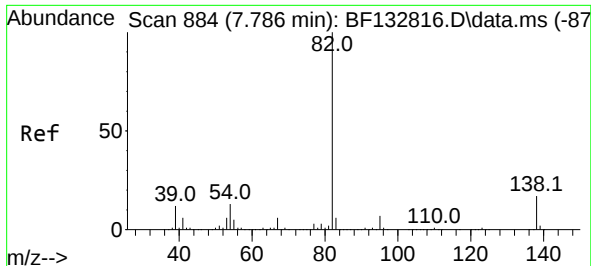
Tgt Ion:136 Resp: 695601
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.9 6.1 9.1
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 99.262 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

Tgt Ion: 82 Resp: 1349231
Ion Ratio Lower Upper
82 100
128 43.4 34.4 51.6
54 44.8 35.2 52.8

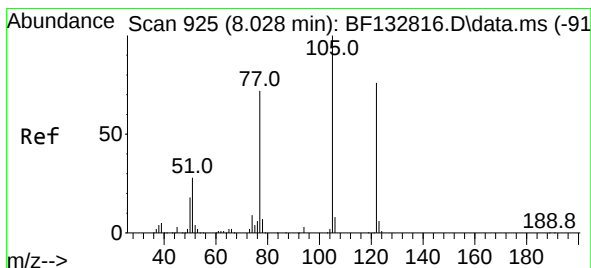
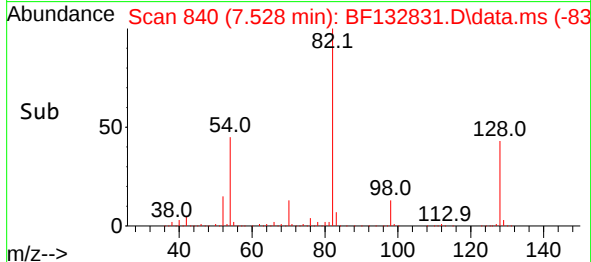
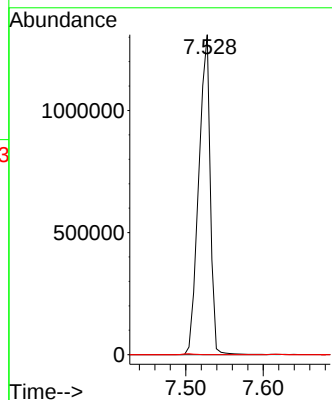
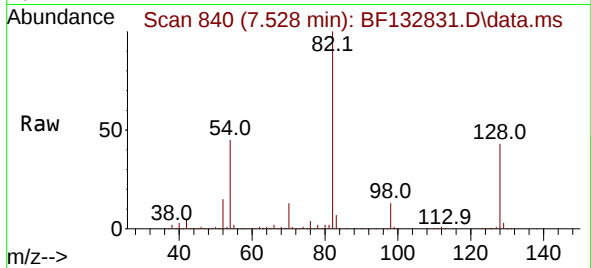




#25
Isophorone
Concen: 50.500 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

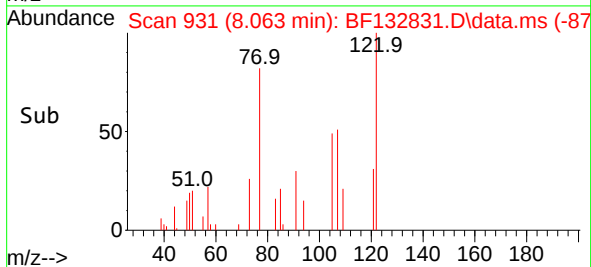
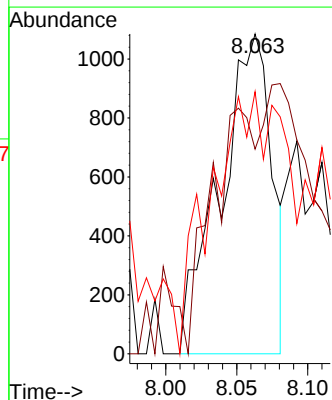
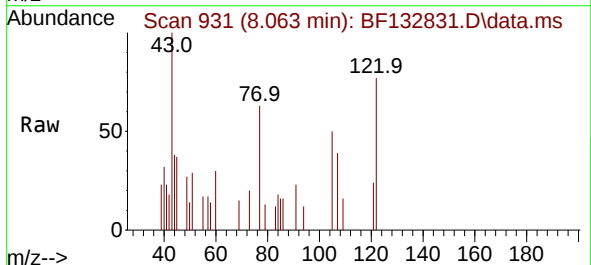
Instrument :
BNA_F
ClientSampleId :
CE-86B-031423

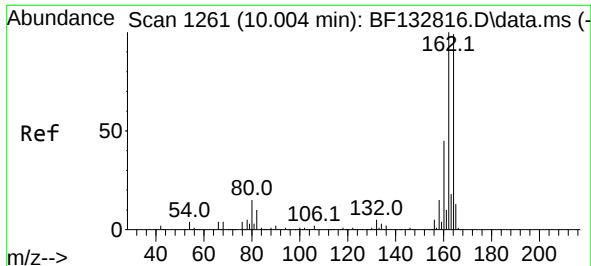
Tgt Ion: 82 Resp: 1349390
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.798 ng
RT: 8.063 min Scan# 931
Delta R.T. 0.035 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

Tgt Ion:122 Resp: 2748
Ion Ratio Lower Upper
122 100
105 64.0 110.8 150.8#
77 81.9 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: BF132831.D

Acq: 17 Mar 2023 19:36

Instrument :

BNA_F

ClientSampleId :

CE-86B-031423

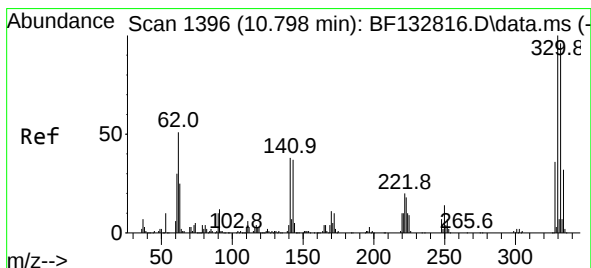
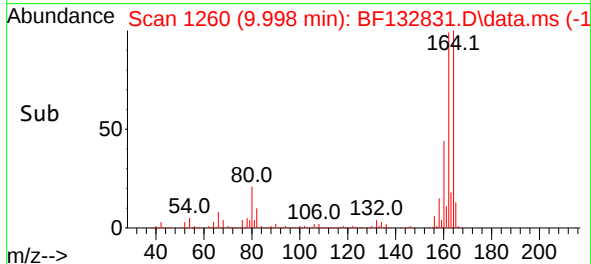
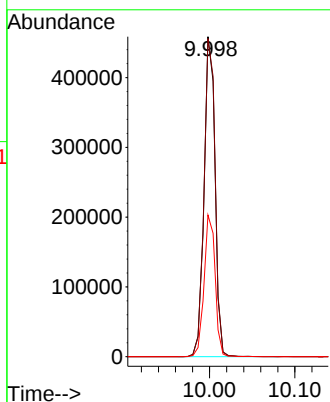
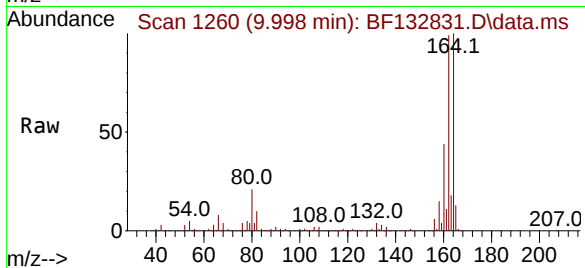
Tgt Ion:164 Resp: 408249

Ion Ratio Lower Upper

164 100

162 99.4 80.6 121.0

160 44.3 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 140.801 ng

RT: 10.798 min Scan# 1396

Delta R.T. 0.000 min

Lab File: BF132831.D

Acq: 17 Mar 2023 19:36

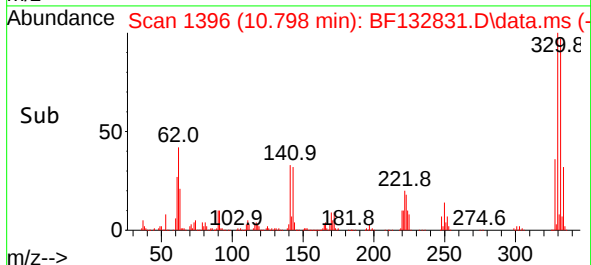
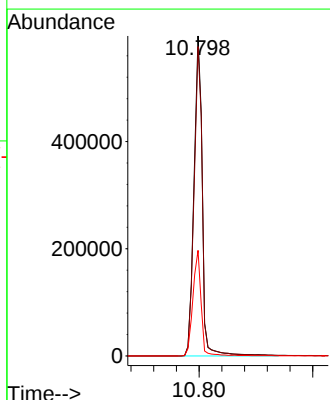
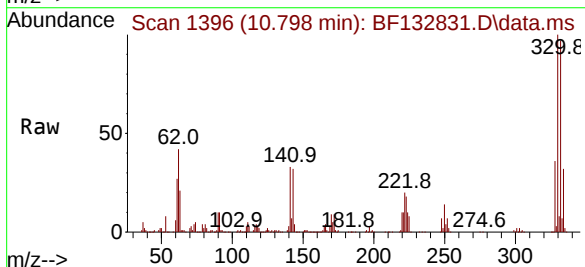
Tgt Ion:330 Resp: 611052

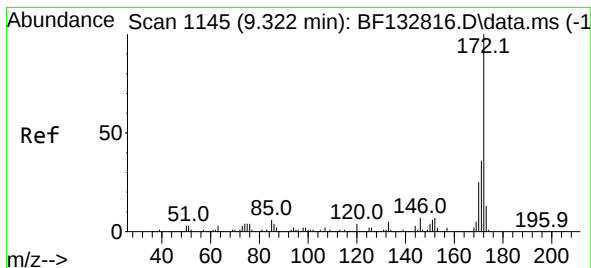
Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 32.7 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 85.232 ng

RT: 9.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF132831.D

Acq: 17 Mar 2023 19:36

Instrument :

BNA_F

ClientSampleId :

CE-86B-031423

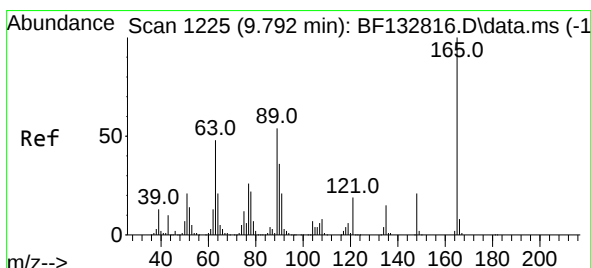
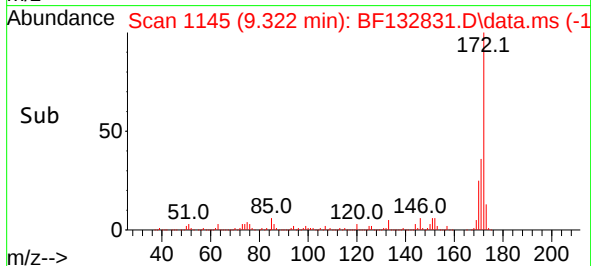
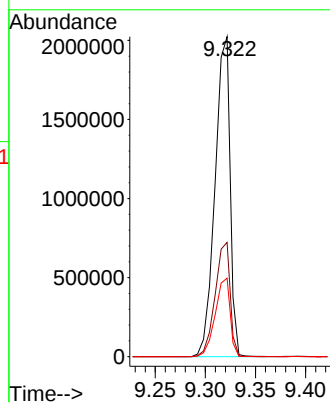
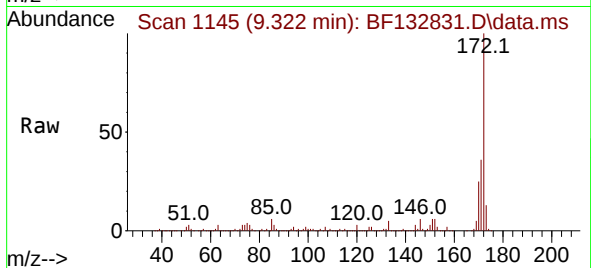
Tgt Ion:172 Resp: 2118242

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 24.5 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 7.937 ng

RT: 9.998 min Scan# 1260

Delta R.T. 0.206 min

Lab File: BF132831.D

Acq: 17 Mar 2023 19:36

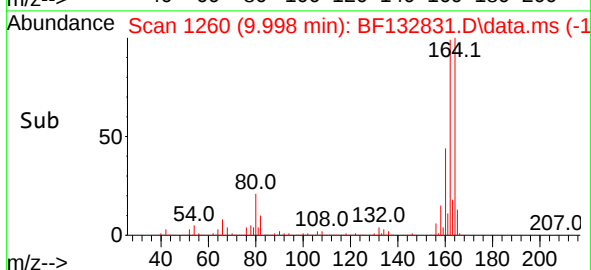
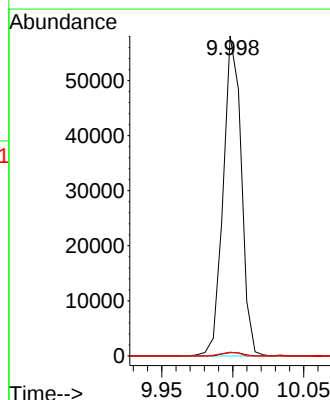
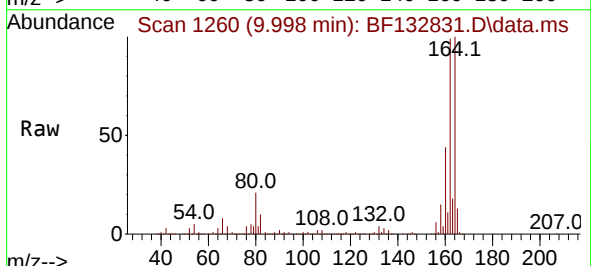
Tgt Ion:165 Resp: 51372

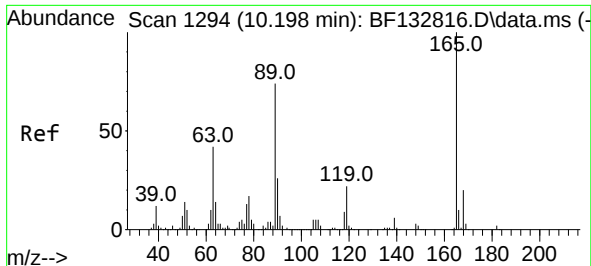
Ion Ratio Lower Upper

165 100

63 1.0 39.1 58.7#

89 1.2 43.5 65.3#

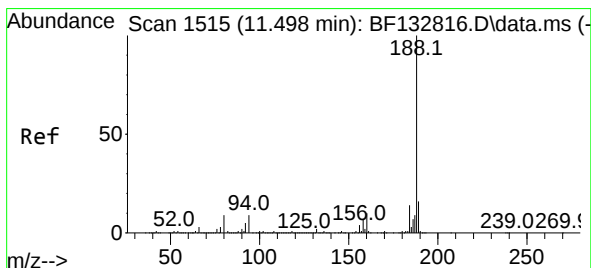
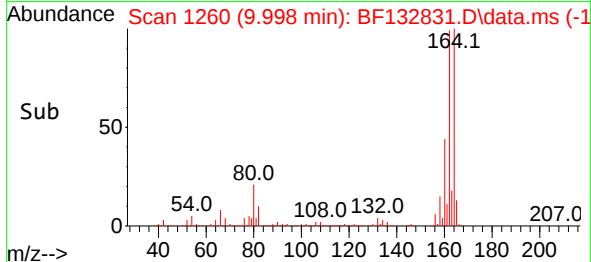
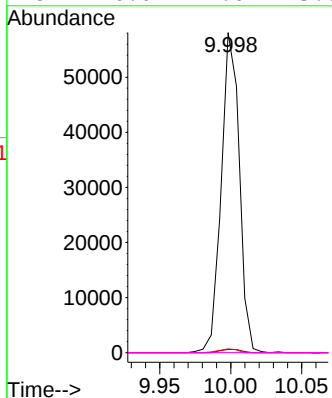
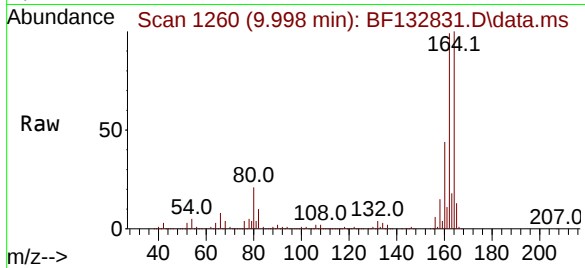




#57
2,4-Dinitrotoluene
Concen: 6.214 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

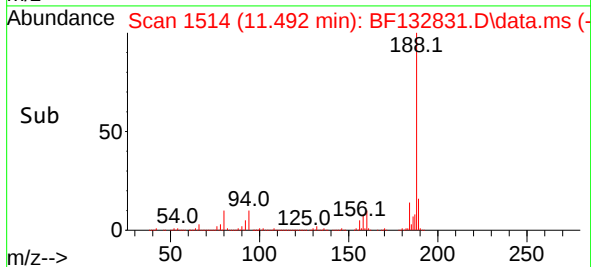
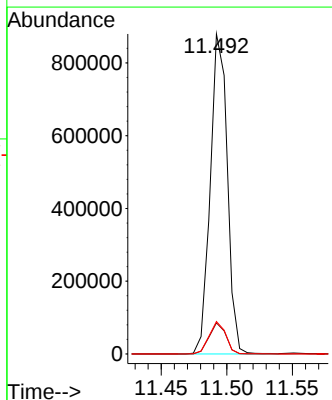
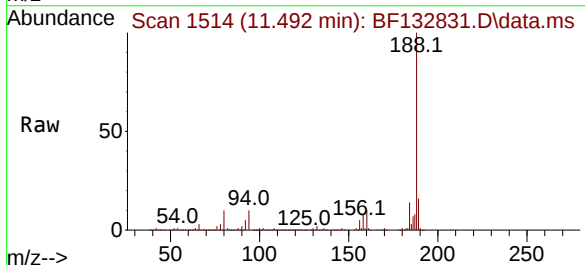
Instrument :
BNA_F
ClientSampleId :
CE-86B-031423

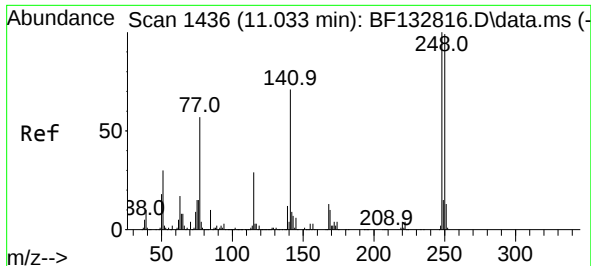
Tgt Ion:165 Resp: 51372
Ion Ratio Lower Upper
165 100
63 1.0 34.4 51.6#
89 1.2 59.5 89.3#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

Tgt Ion:188 Resp: 796100
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.1 7.5 11.3

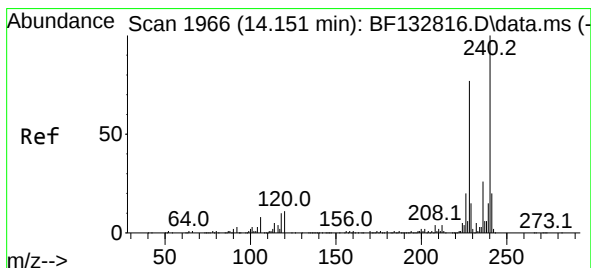
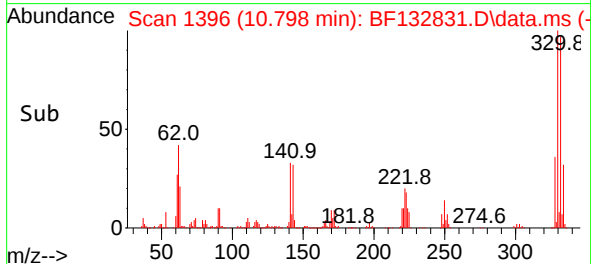
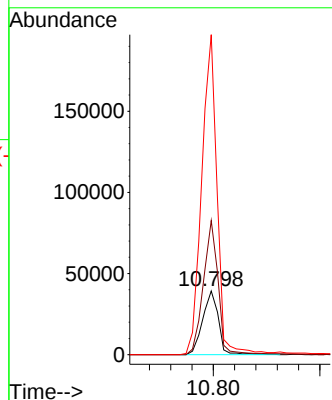
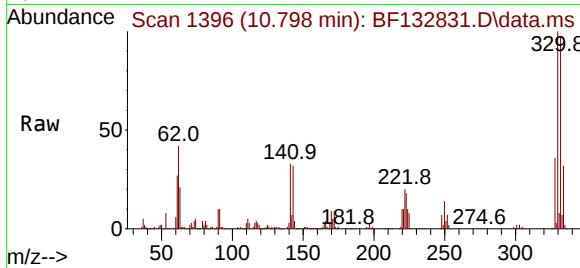




#67
4-Bromophenyl-phenylether
Concen: 4.389 ng
RT: 10.798 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

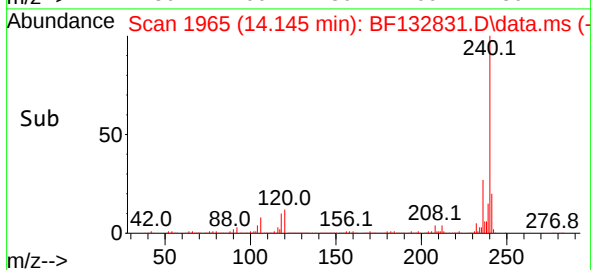
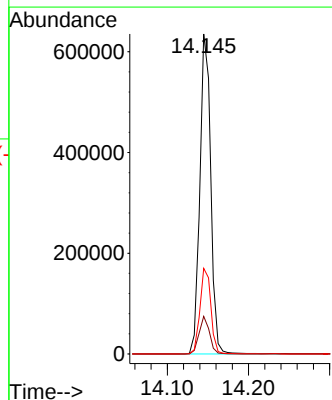
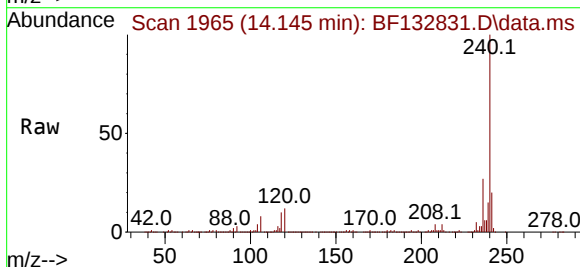
Instrument :
BNA_F
ClientSampleId :
CE-86B-031423

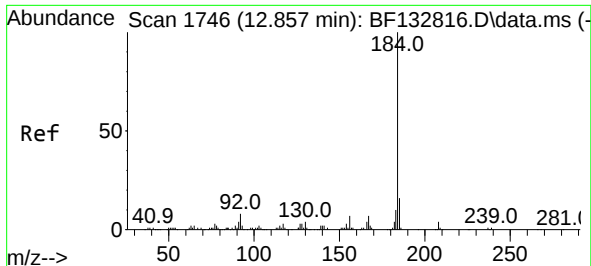
Tgt Ion:248 Resp: 40392
Ion Ratio Lower Upper
248 100
250 210.4 79.1 118.7#
141 502.0 57.1 85.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

Tgt Ion:240 Resp: 592372
Ion Ratio Lower Upper
240 100
120 11.7 9.1 13.7
236 26.7 21.2 31.8

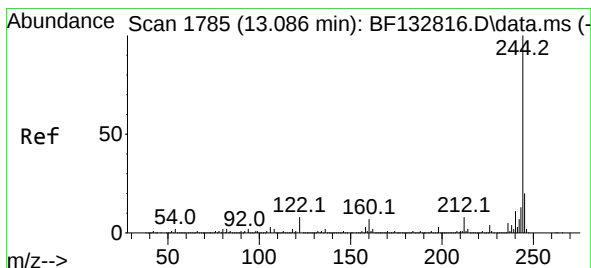
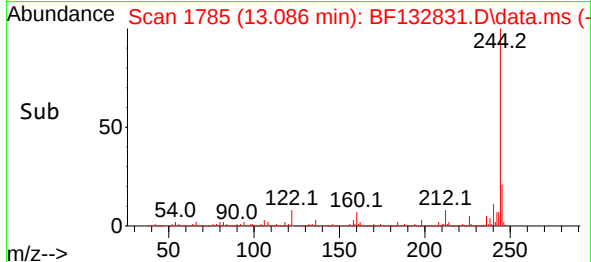
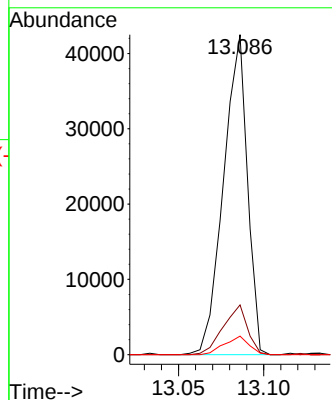
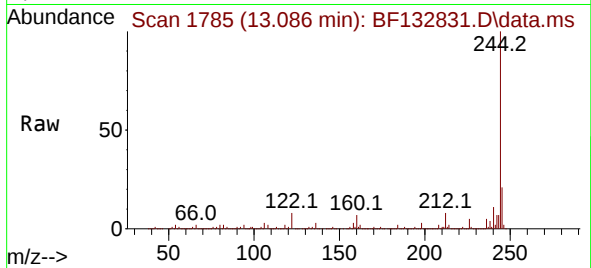




#77
Benzidine
Concen: 11.226 ng
RT: 13.086 min Scan# 1746
Delta R.T. 0.229 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

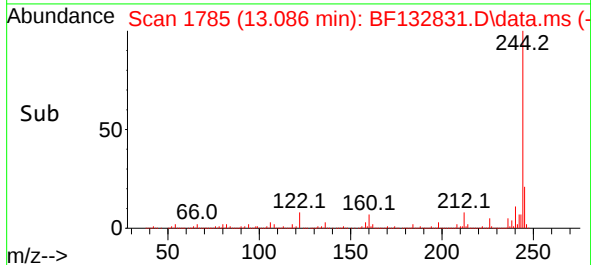
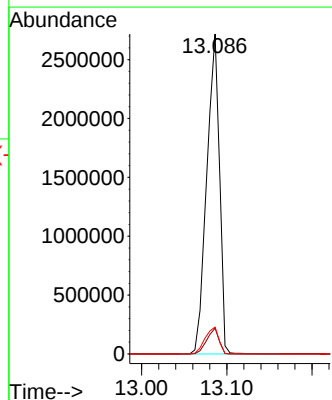
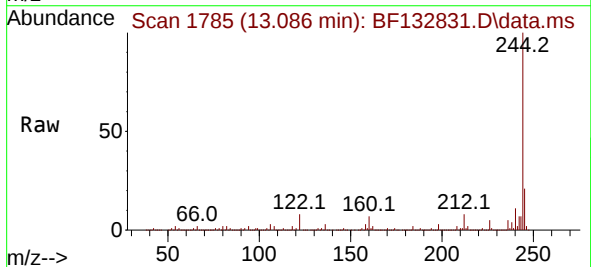
Instrument :
BNA_F
ClientSampleId :
CE-86B-031423

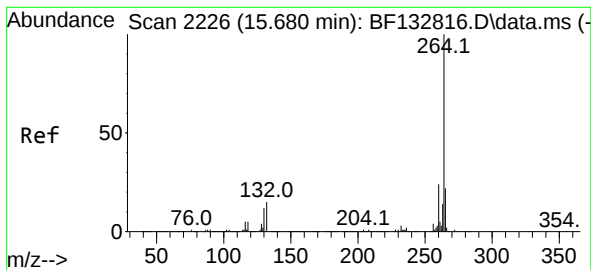
Tgt Ion:184 Resp: 41413
Ion Ratio Lower Upper
184 100
185 15.5 12.6 19.0
183 5.8 8.2 12.4#



#79
Terphenyl-d14
Concen: 85.897 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF132831.D
Acq: 17 Mar 2023 19:36

Tgt Ion:244 Resp: 2817931
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.4 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: BF132831.D
Acq: 17 Mar 2023 19:36

Instrument :
BNA_F
ClientSampleId :
CE-86B-031423

Tgt Ion:264 Resp: 497970

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.3	17.4	26.0

