

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132832.D
 Acq On : 17 Mar 2023 20:10
 Operator : CG\JU
 Sample : 01932-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-81-031423

Quant Time: Mar 17 23:31:34 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)

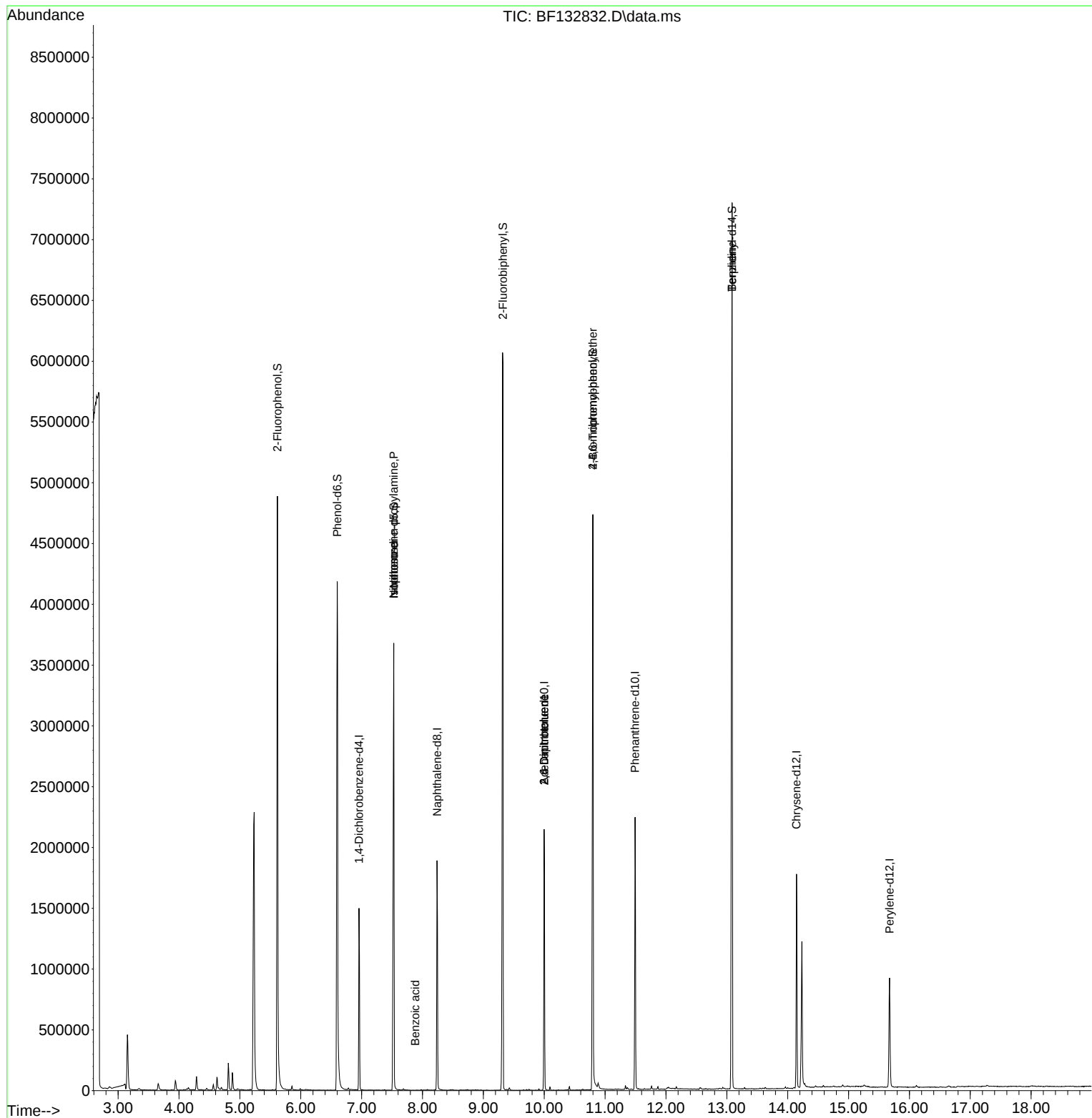
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	218734	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	810430	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	437247	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	845681	20.000	ng	0.00
76) Chrysene-d12	14.145	240	608581	20.000	ng	0.00
86) Perylene-d12	15.674	264	443907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1577739	121.713	ng	0.03
7) Phenol-d6	6.598	99	1946428	115.684	ng	0.00
23) Nitrobenzene-d5	7.528	82	1385388	87.481	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	645415	138.856	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2222035	83.479	ng	0.00
79) Terphenyl-d14	13.086	244	2837816	84.200	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.528	70	183579	19.123	ng	# 76
25) Isophorone	7.528	82	1385380	44.500	ng	# 66
32) Benzoic acid	7.881	122	132	10.484	ng	# 90
51) 2,6-Dinitrotoluene	9.998	165	57985	8.365	ng	# 28
57) 2,4-Dinitrotoluene	9.998	165	57985	6.549	ng	# 23
67) 4-Bromophenyl-phenylether	10.798	248	42016	4.297	ng	# 1
77) Benzidine	13.086	184	40324	10.639	ng	# 96

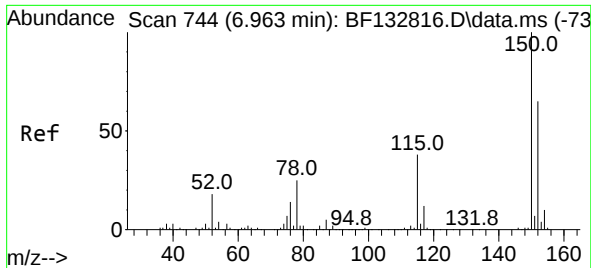
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
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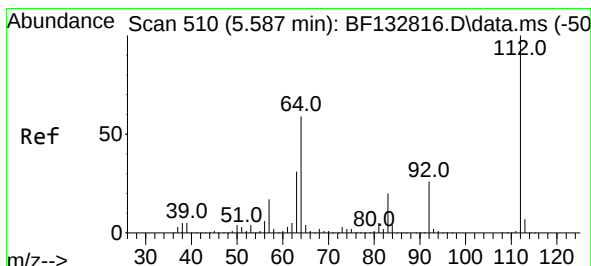
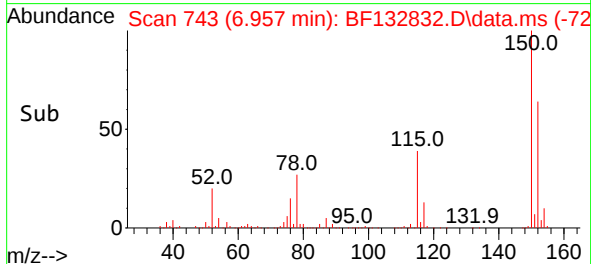
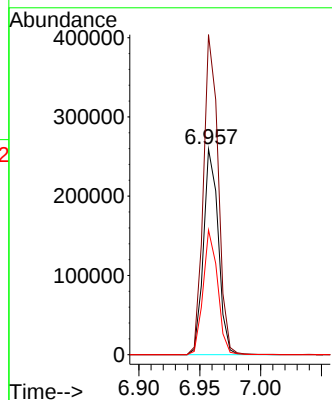
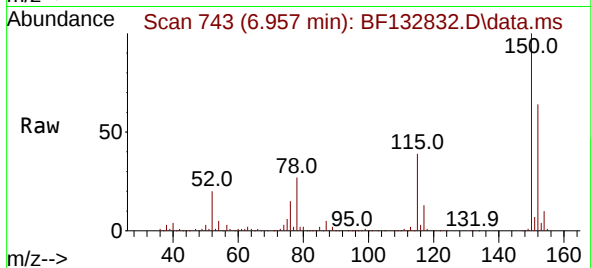




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

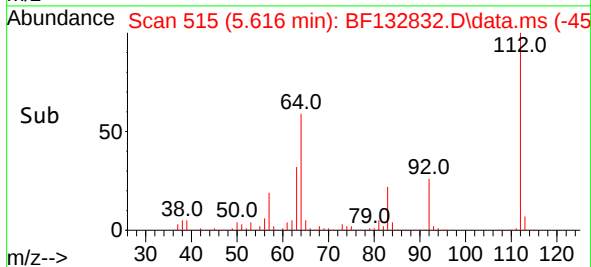
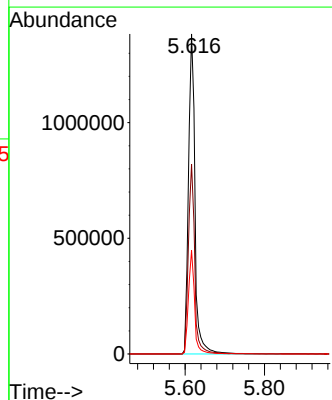
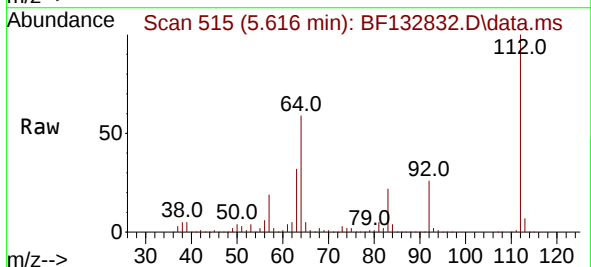
Instrument :
BNA_F
ClientSampleId :
CE-81-031423

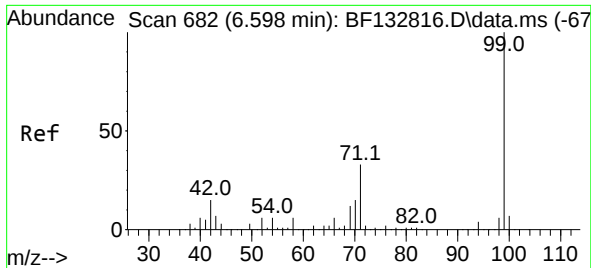
Tgt Ion:152 Resp: 218734
Ion Ratio Lower Upper
152 100
150 155.6 122.7 184.1
115 60.6 46.2 69.4



#5
2-Fluorophenol
Concen: 121.713 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.030 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

Tgt Ion:112 Resp: 1577739
Ion Ratio Lower Upper
112 100
64 59.3 47.1 70.7
63 32.4 24.4 36.6



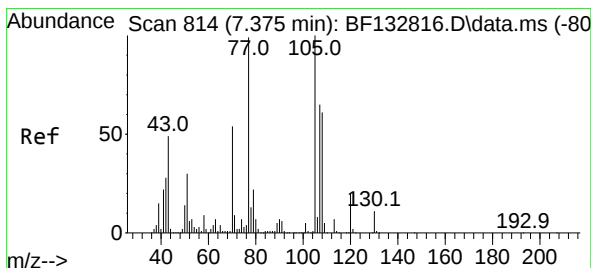
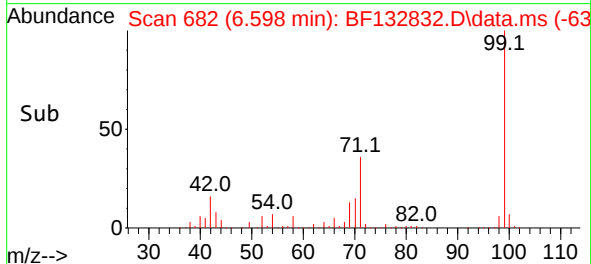
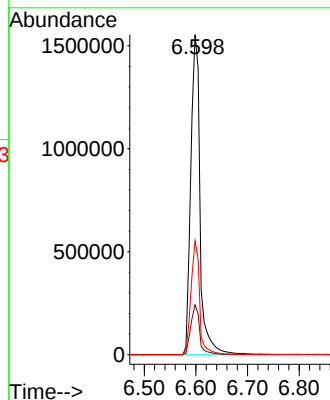
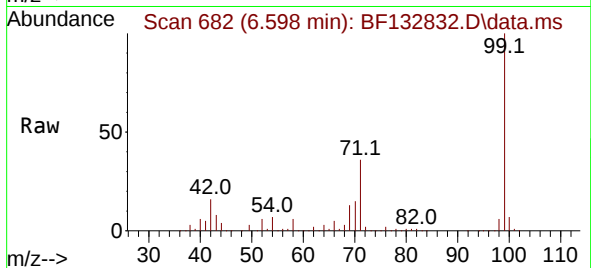


#7
Phenol-d6
Concen: 115.684 ng
RT: 6.598 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

Instrument :
BNA_F
ClientSampleId :
CE-81-031423

Tgt Ion: 99 Resp: 1946428

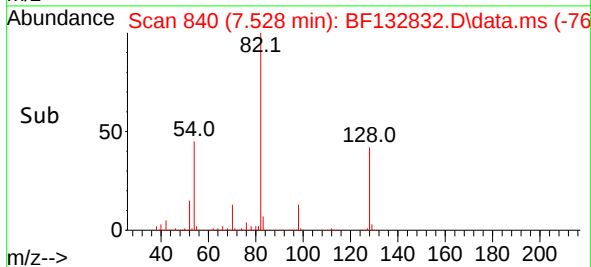
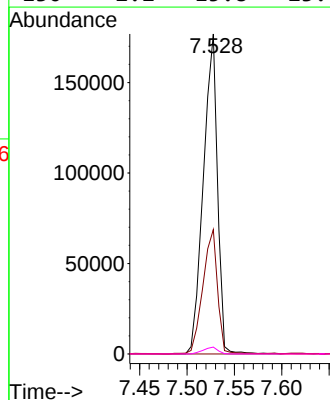
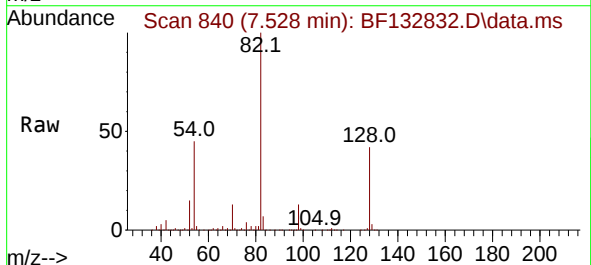
Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.9	17.9
71	35.6	26.3	39.5

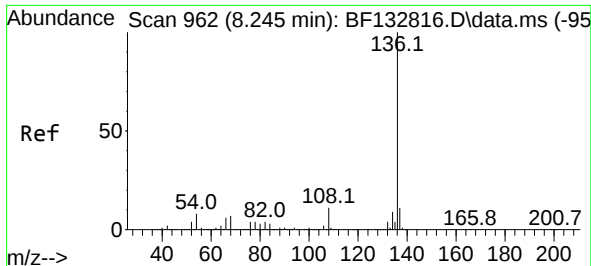


#19
n-Nitroso-di-n-propylamine
Concen: 19.123 ng
RT: 7.528 min Scan# 840
Delta R.T. 0.153 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

Tgt Ion: 70 Resp: 183579

Ion	Ratio	Lower	Upper
70	100		
42	38.8	40.9	61.3#
101	0.0	7.8	11.6#
130	2.2	15.8	23.6#

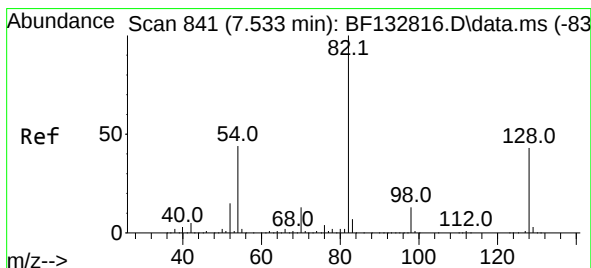
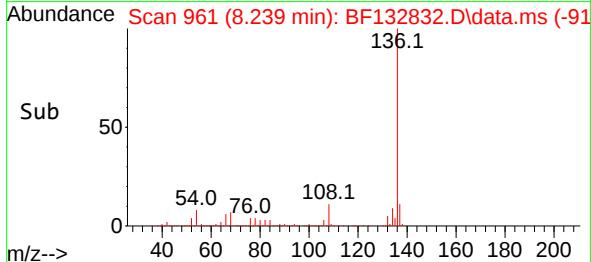
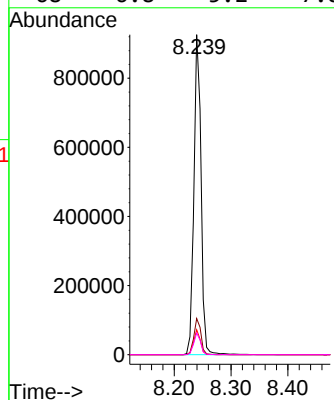
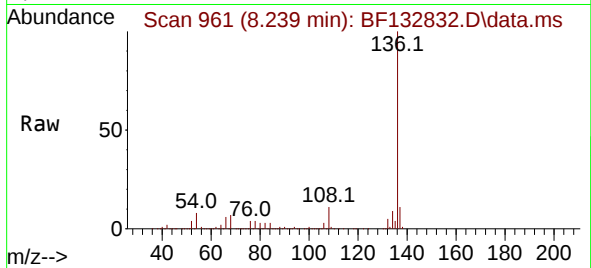




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

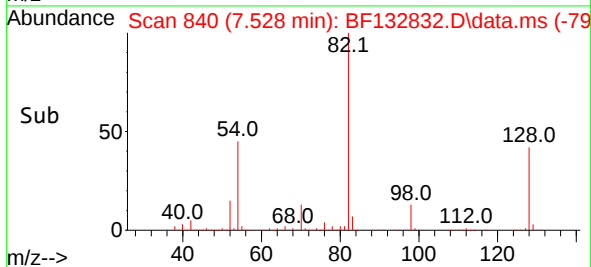
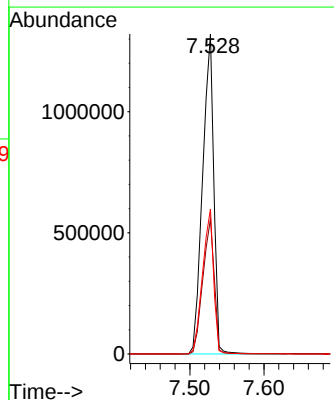
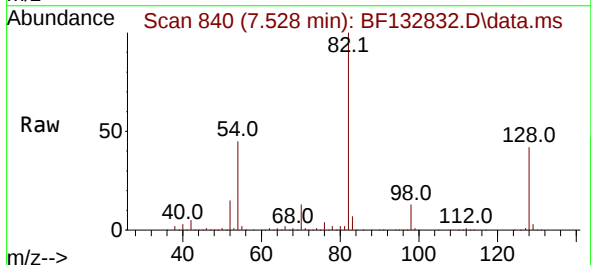
Instrument :
BNA_F
ClientSampleId :
CE-81-031423

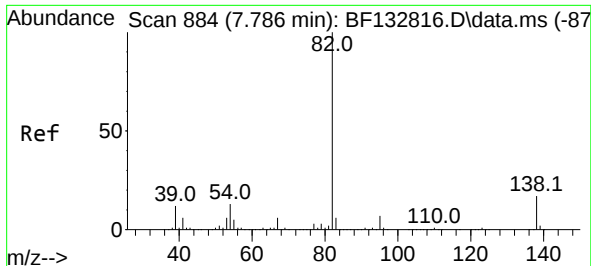
Tgt Ion:136 Resp: 810430
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.8 6.1 9.1
68 6.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 87.481 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

Tgt Ion: 82 Resp: 1385388
Ion Ratio Lower Upper
82 100
128 42.2 34.4 51.6
54 45.3 35.2 52.8

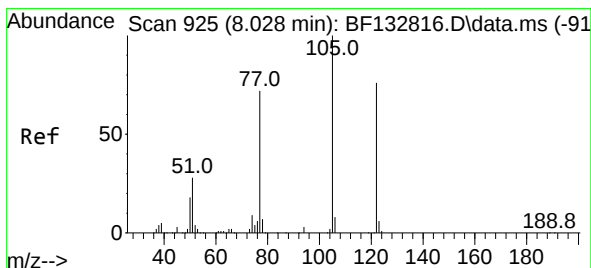
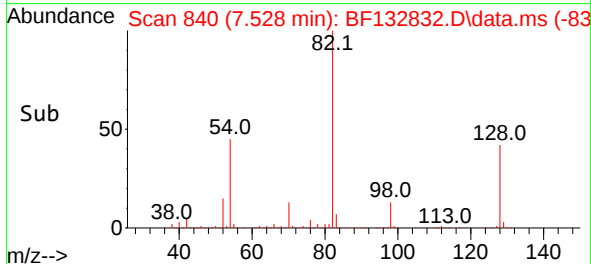
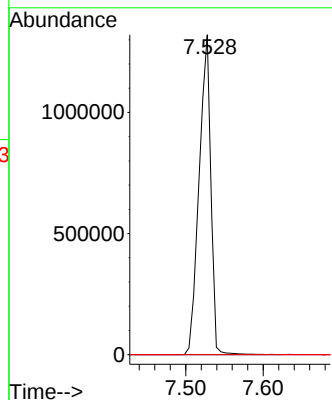
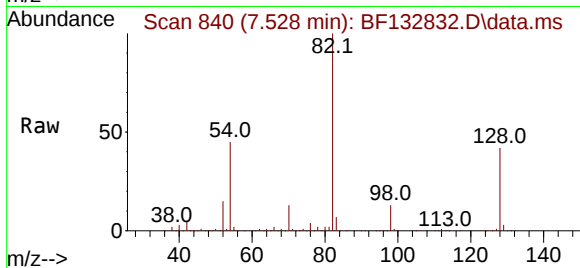




#25
Isophorone
Concen: 44.500 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

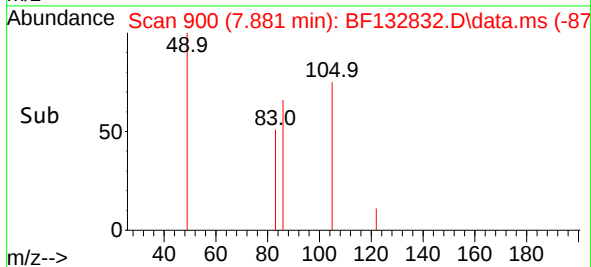
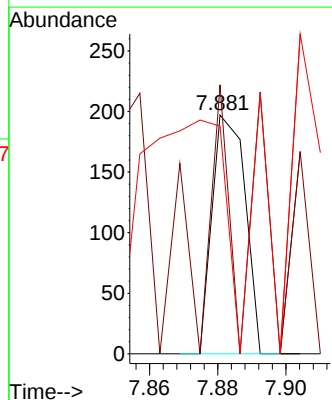
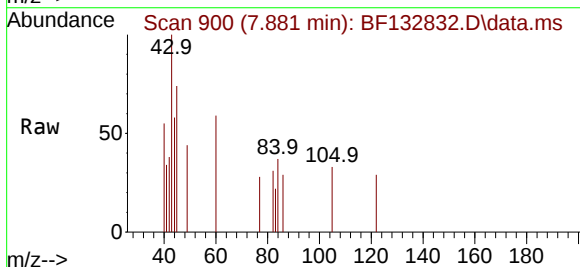
Instrument :
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ClientSampleId :
CE-81-031423

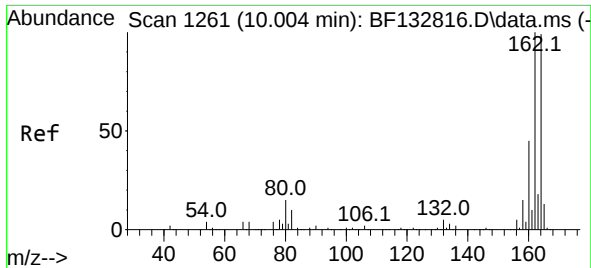
Tgt Ion: 82 Resp: 1385380
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.484 ng
RT: 7.881 min Scan# 900
Delta R.T. -0.147 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

Tgt Ion:122 Resp: 132
Ion Ratio Lower Upper
122 100
105 112.7 110.8 150.8
77 95.4 74.2 114.2

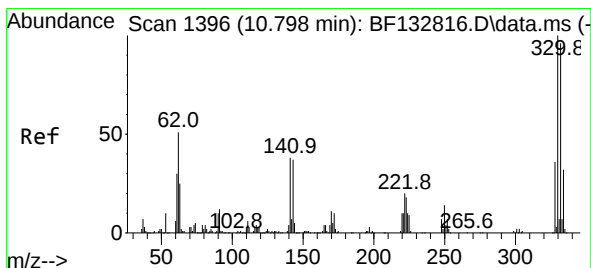
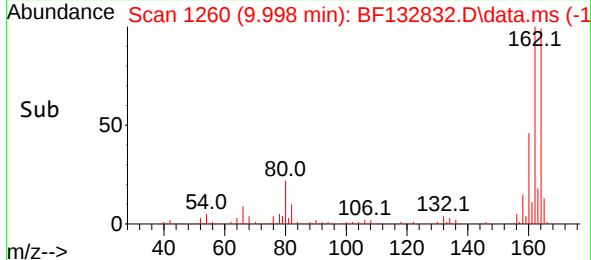
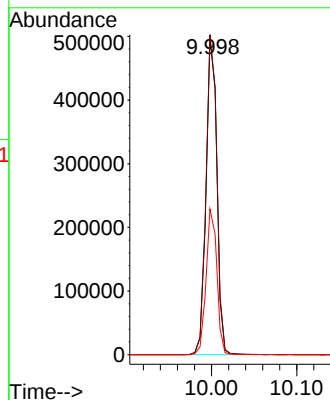
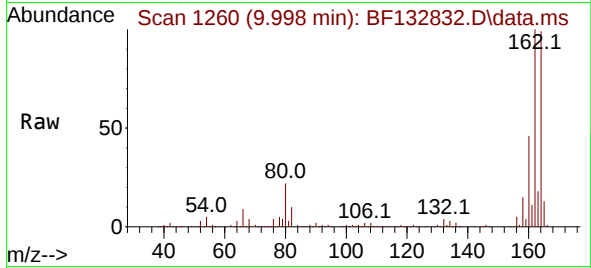




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

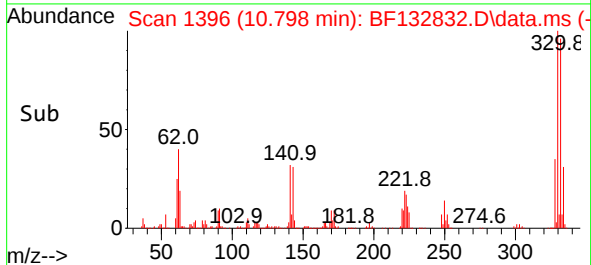
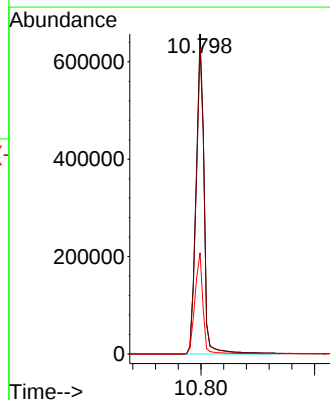
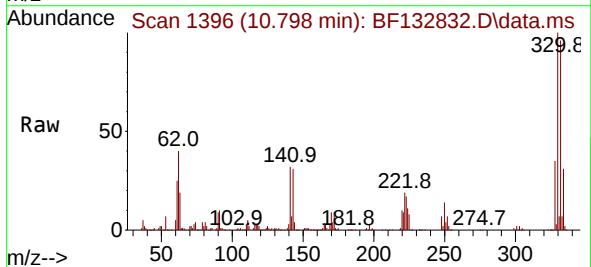
Instrument :
BNA_F
ClientSampleId :
CE-81-031423

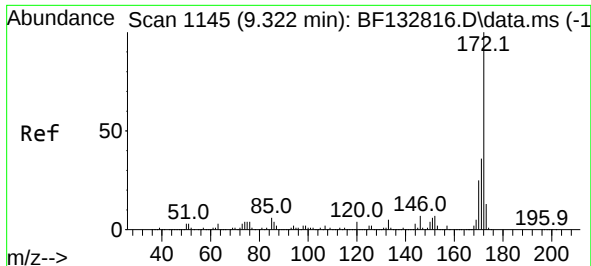
Tgt Ion:164 Resp: 437247
Ion Ratio Lower Upper
164 100
162 101.1 80.6 121.0
160 46.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 138.856 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

Tgt Ion:330 Resp: 645415
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 32.1 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 83.479 ng

RT: 9.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF132832.D

Acq: 17 Mar 2023 20:10

Instrument :

BNA_F

ClientSampleId :

CE-81-031423

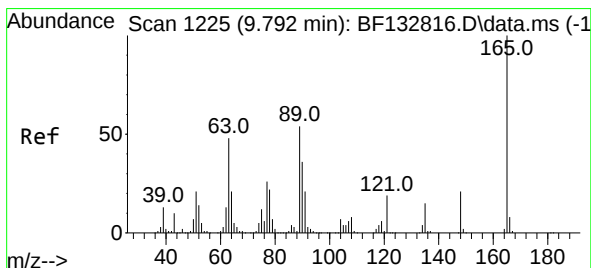
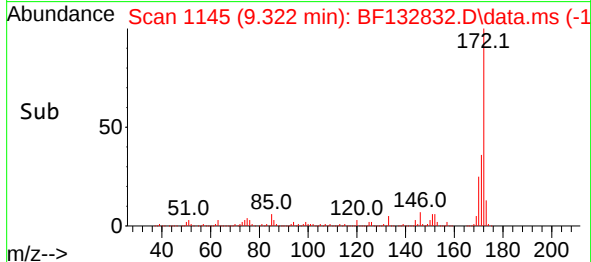
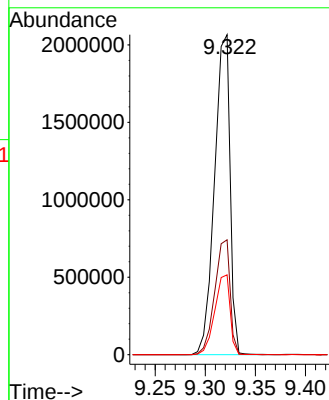
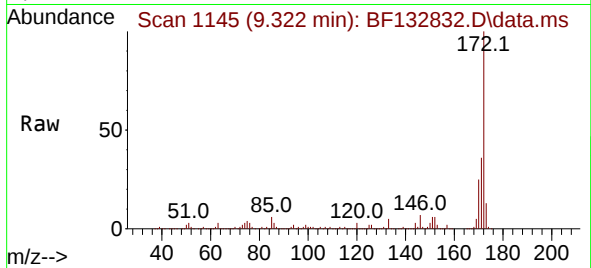
Tgt Ion:172 Resp: 2222035

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: 8.365 ng

RT: 9.998 min Scan# 1260

Delta R.T. 0.206 min

Lab File: BF132832.D

Acq: 17 Mar 2023 20:10

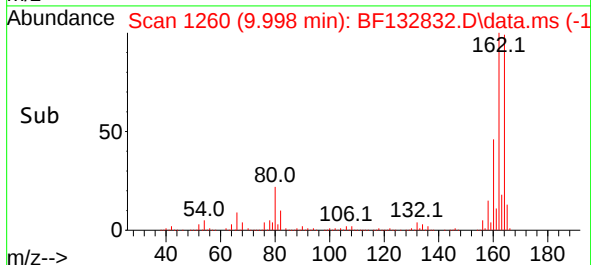
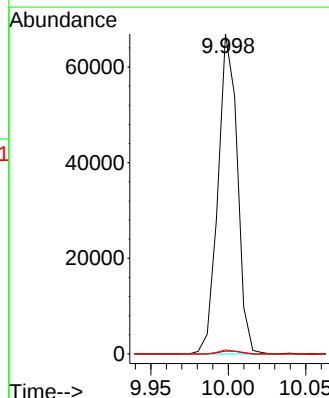
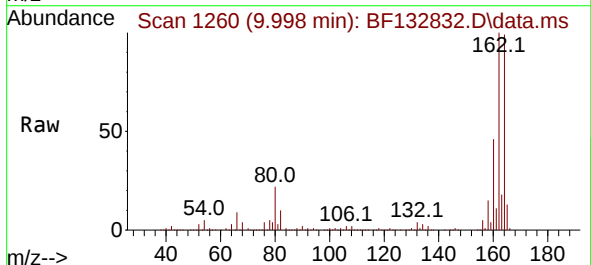
Tgt Ion:165 Resp: 57985

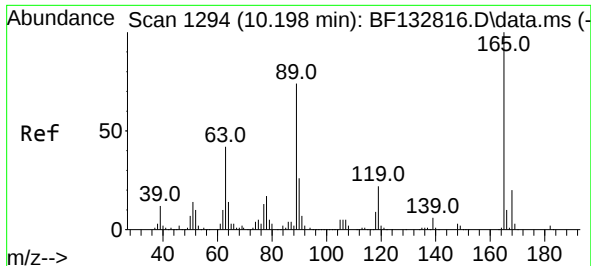
Ion Ratio Lower Upper

165 100

63 0.9 39.1 58.7#

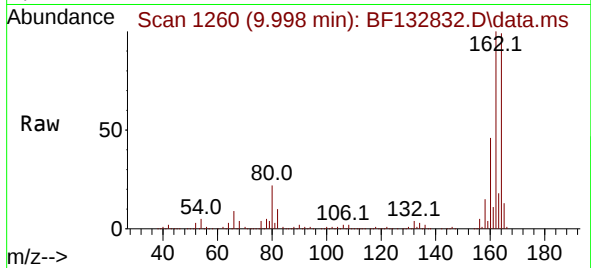
89 1.3 43.5 65.3#



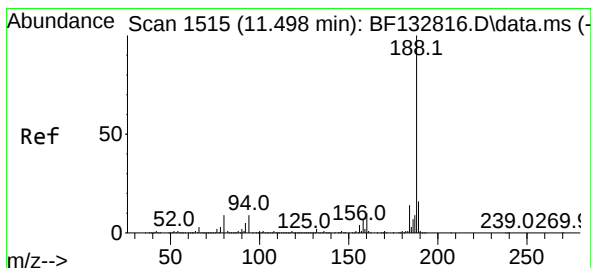
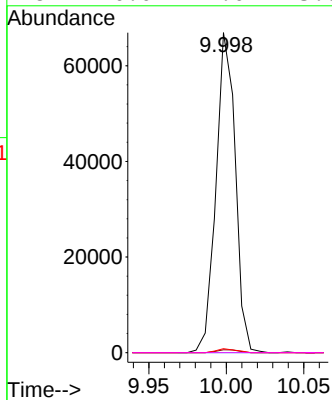
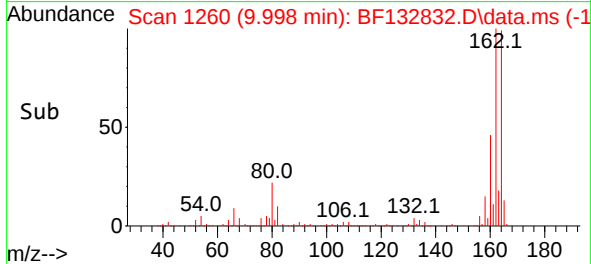


#57
2,4-Dinitrotoluene
Concen: 6.549 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

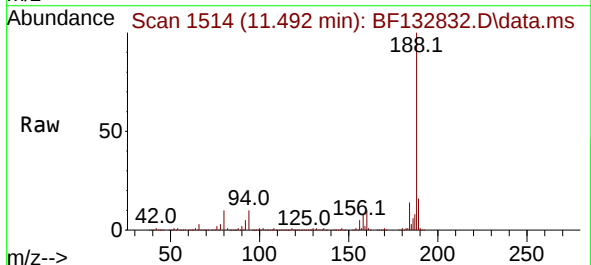
Instrument :
BNA_F
ClientSampleId :
CE-81-031423



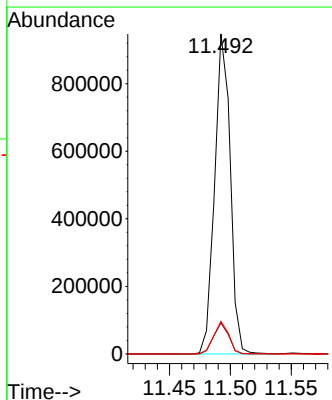
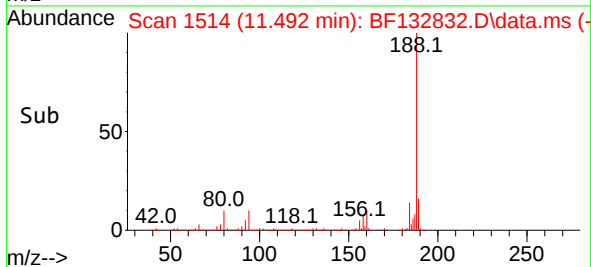
Tgt Ion:165 Resp: 57985
Ion Ratio Lower Upper
165 100
63 0.9 34.4 51.6#
89 1.3 59.5 89.3#
182 0.0 2.0 3.0#

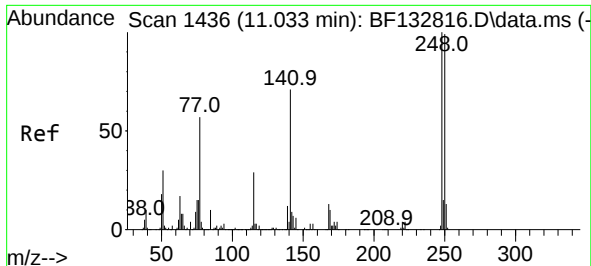


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10



Tgt Ion:188 Resp: 845681
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.2 7.5 11.3

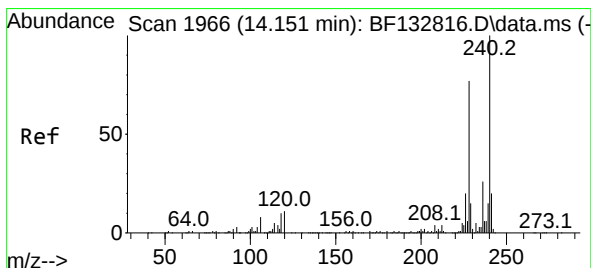
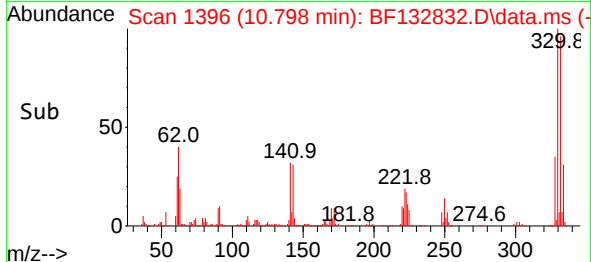
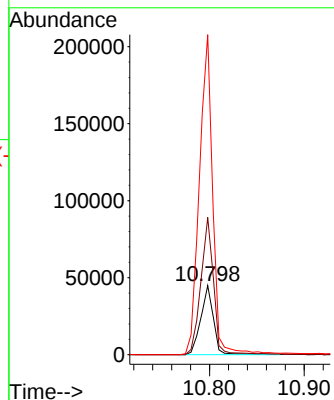
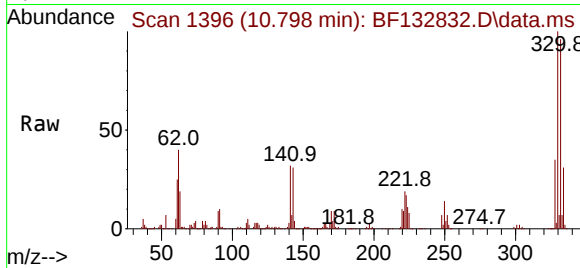




#67
4-Bromophenyl-phenylether
Concen: 4.297 ng
RT: 10.798 min Scan# 1396
Delta R.T. -0.235 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

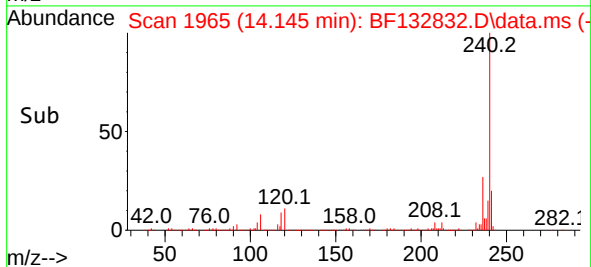
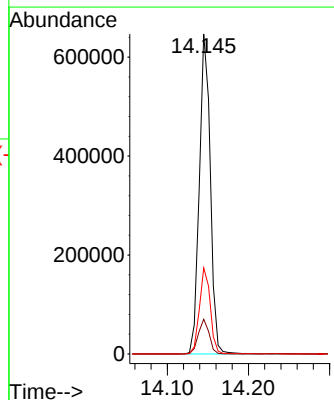
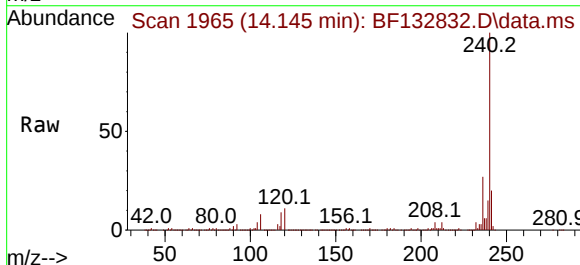
Instrument :
BNA_F
ClientSampleId :
CE-81-031423

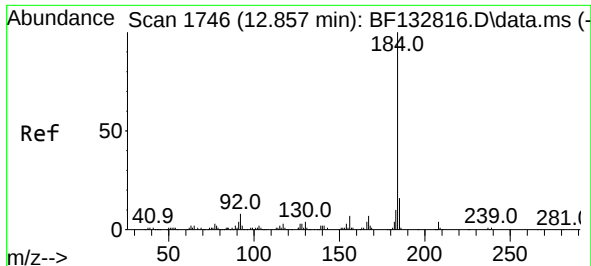
Tgt Ion:248 Resp: 42016
Ion Ratio Lower Upper
248 100
250 198.6 79.1 118.7#
141 463.0 57.1 85.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

Tgt Ion:240 Resp: 608581
Ion Ratio Lower Upper
240 100
120 10.9 9.1 13.7
236 26.9 21.2 31.8

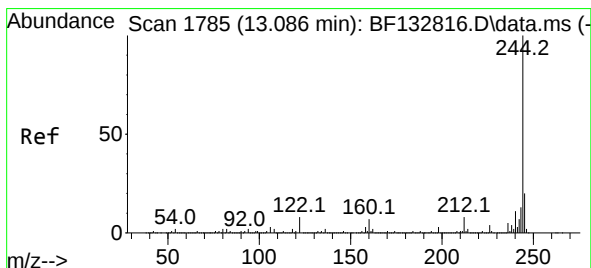
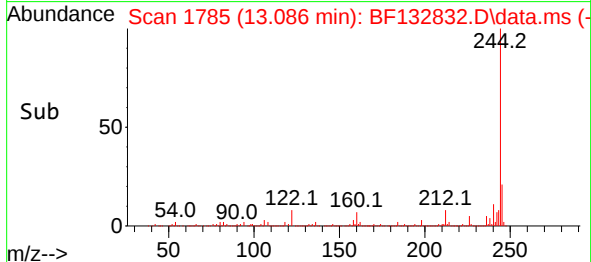
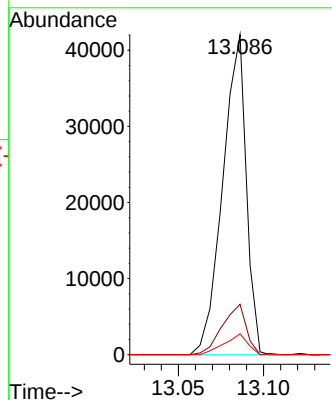
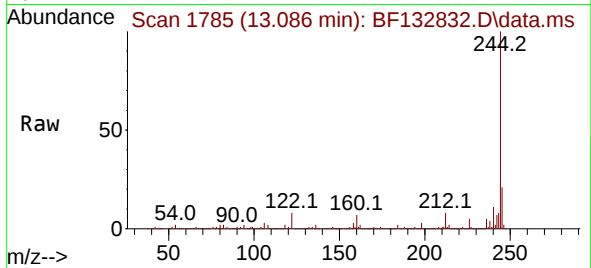




#77
Benzidine
Concen: 10.639 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.230 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

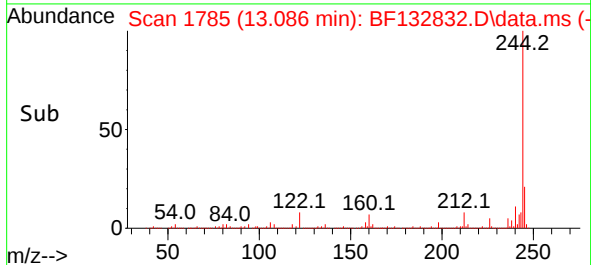
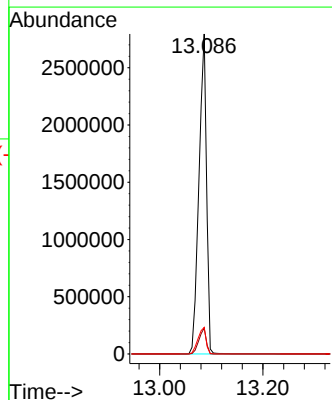
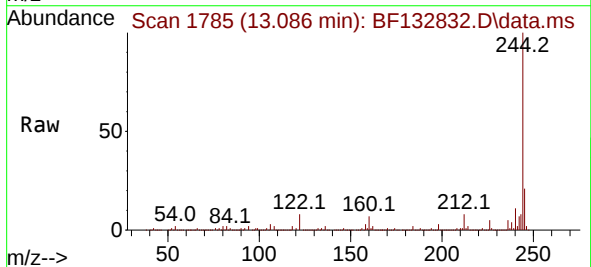
Instrument :
BNA_F
ClientSampleId :
CE-81-031423

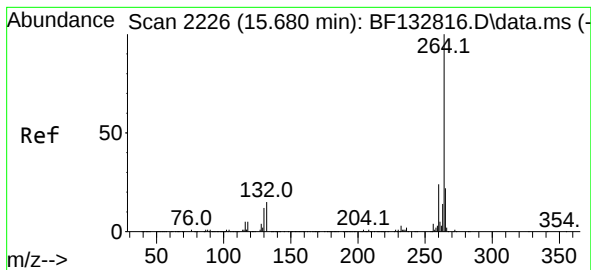
Tgt Ion:184 Resp: 40324
Ion Ratio Lower Upper
184 100
185 15.8 12.6 19.0
183 6.5 8.2 12.4#



#79
Terphenyl-d14
Concen: 84.200 ng
RT: 13.086 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF132832.D
Acq: 17 Mar 2023 20:10

Tgt Ion:244 Resp: 2837816
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.3 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: BF132832.D
Acq: 17 Mar 2023 20:10

Instrument :
BNA_F
ClientSampleId :
CE-81-031423

Tgt Ion:264 Resp: 443907

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.4	17.4	26.0

