

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132842.D
 Acq On : 18 Mar 2023 01:47
 Operator : CG\JU
 Sample : 01965-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Mar 18 03:10:17 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)

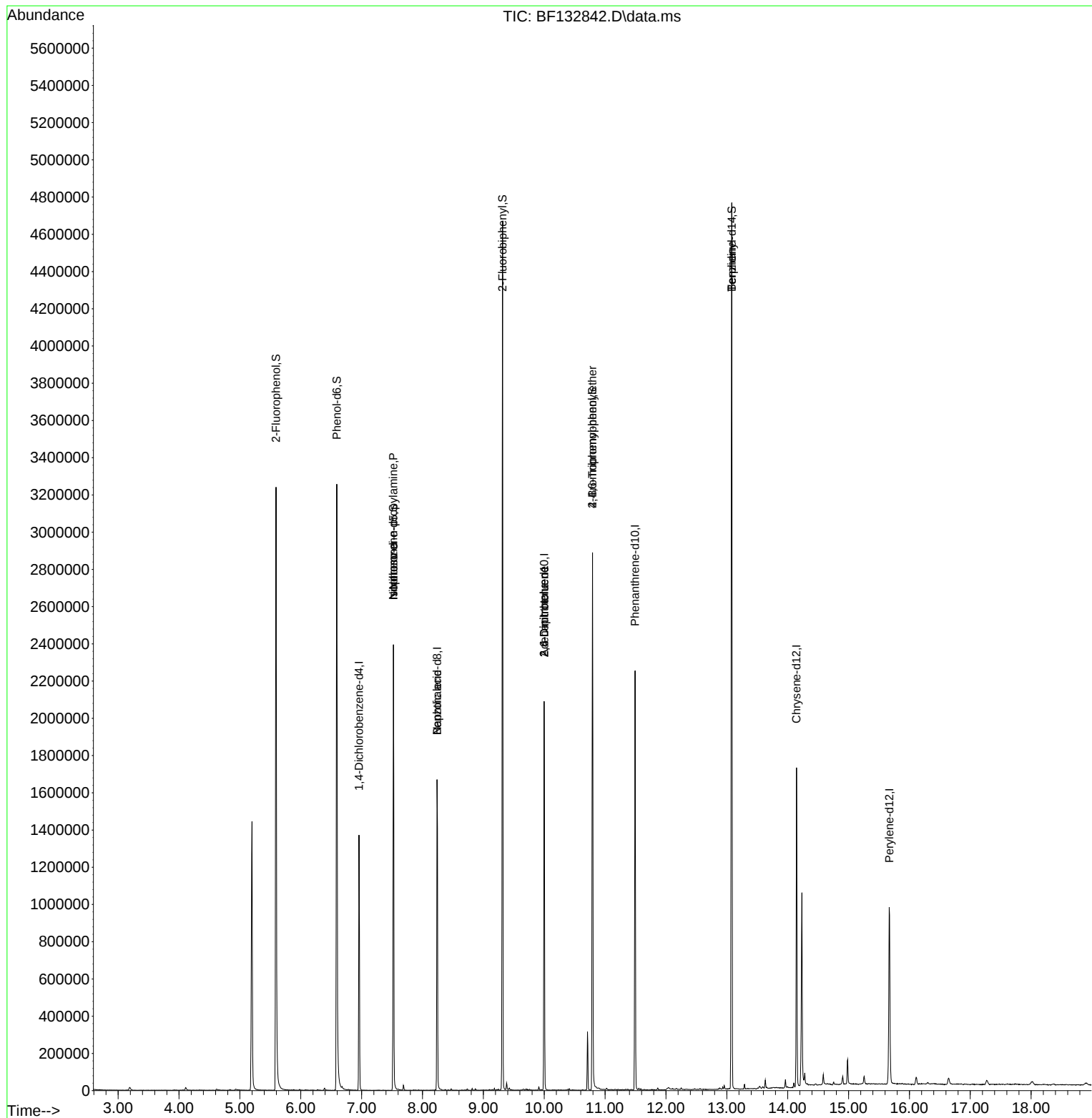
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	195937	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	735631	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	403609	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	798599	20.000	ng	0.00
76) Chrysene-d12	14.145	240	573545	20.000	ng	0.00
86) Perylene-d12	15.668	264	487207	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1006212	86.654	ng	0.00
7) Phenol-d6	6.592	99	1275272	84.613	ng	0.00
23) Nitrobenzene-d5	7.522	82	787305	54.770	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	352223	82.094	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1390453	56.591	ng	0.00
79) Terphenyl-d14	13.080	244	1709230	53.812	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.522	70	100991	11.744	ng	# 77
25) Isophorone	7.522	82	787298	27.861	ng	# 66
32) Benzoic acid	8.239	122	101	10.481	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	53061	8.293	ng	# 28
57) 2,4-Dinitrotoluene	9.998	165	53061	6.492	ng	# 23
67) 4-Bromophenyl-phenylether	10.792	248	22115	2.395	ng	# 1
77) Benzidine	13.080	184	23080	6.462	ng	# 95

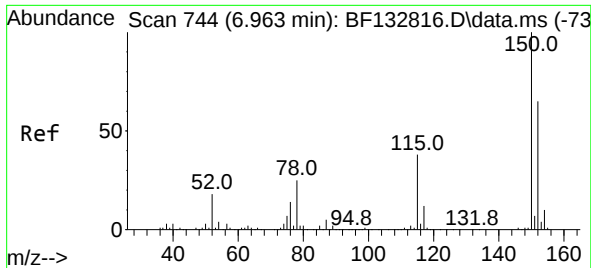
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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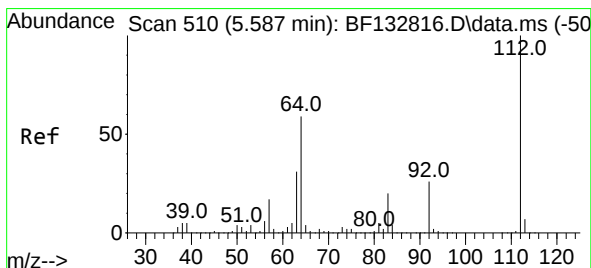
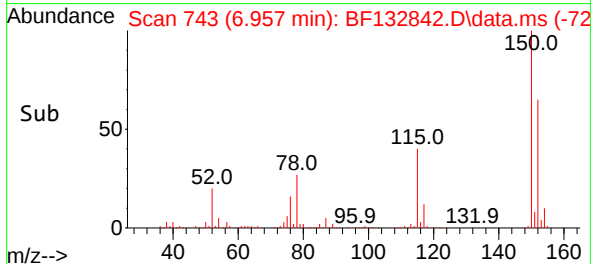
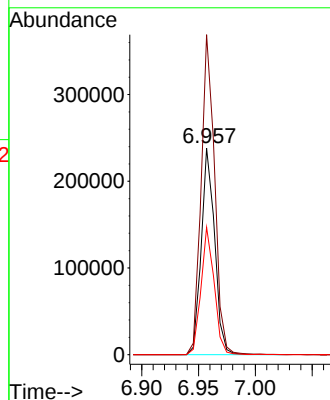
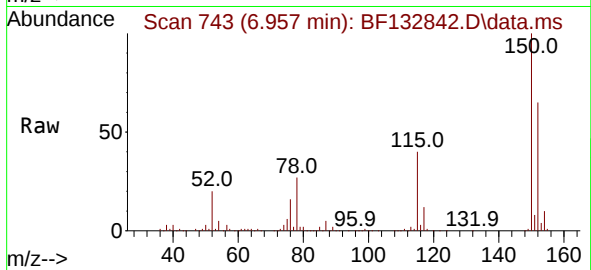




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

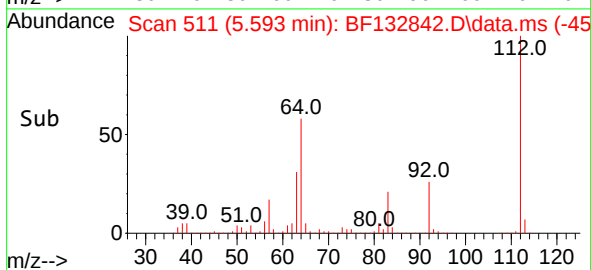
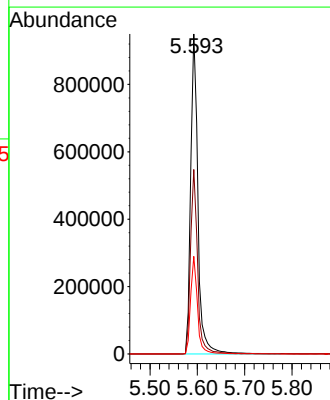
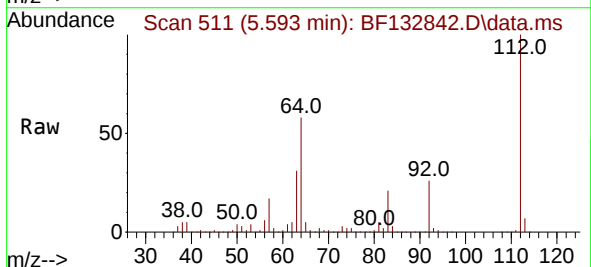
Instrument :
BNA_F
ClientSampleId :
COMP-2

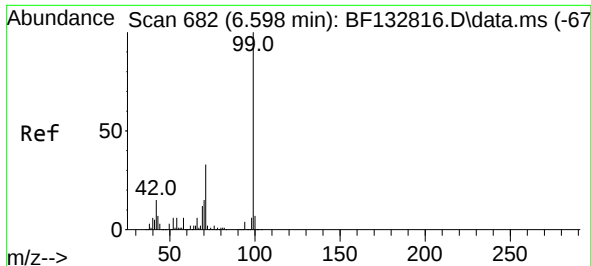
Tgt Ion:152 Resp: 195937
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 61.6 46.2 69.4



#5
2-Fluorophenol
Concen: 86.654 ng
RT: 5.593 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

Tgt Ion:112 Resp: 1006212
Ion Ratio Lower Upper
112 100
64 57.6 47.1 70.7
63 30.5 24.4 36.6

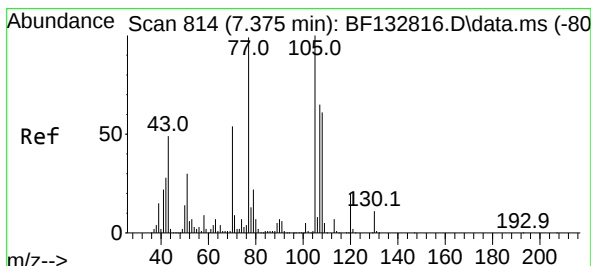
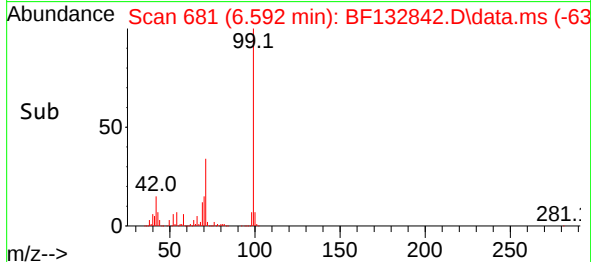
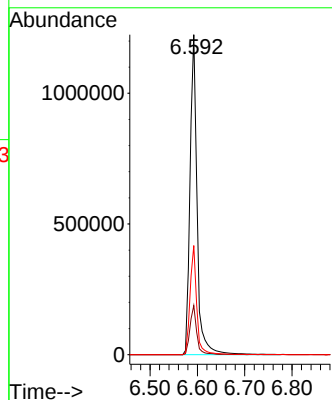
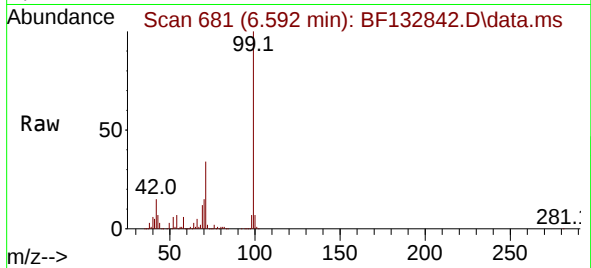




#7
Phenol-d6
Concen: 84.613 ng
RT: 6.592 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

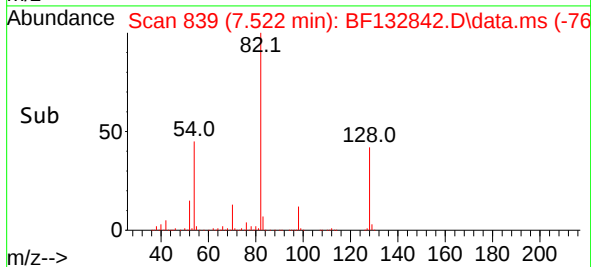
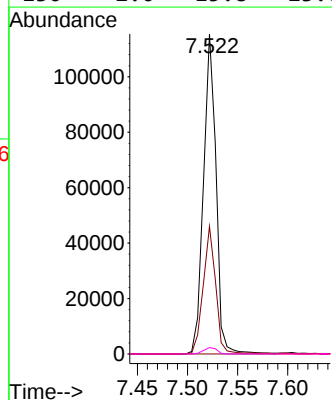
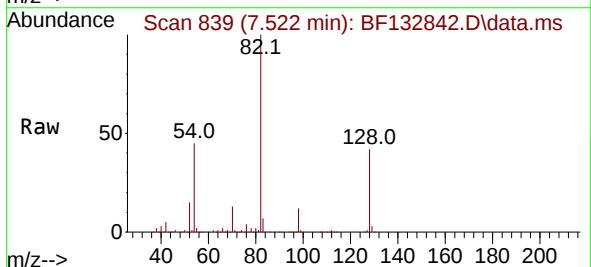
Instrument :
BNA_F
ClientSampleId :
COMP-2

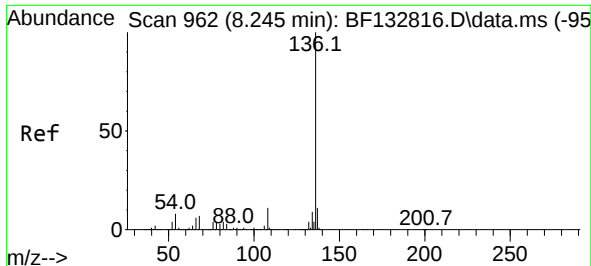
Tgt Ion: 99 Resp: 1275272
Ion Ratio Lower Upper
99 100
42 15.3 11.9 17.9
71 34.1 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.744 ng
RT: 7.522 min Scan# 839
Delta R.T. 0.147 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

Tgt Ion: 70 Resp: 100991
Ion Ratio Lower Upper
70 100
42 39.9 40.9 61.3#
101 0.0 7.8 11.6#
130 2.0 15.8 23.6#

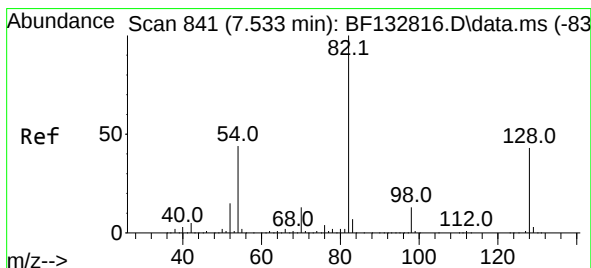
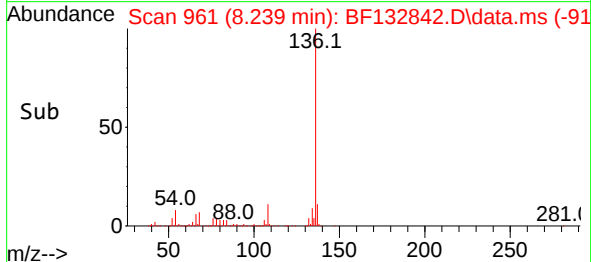
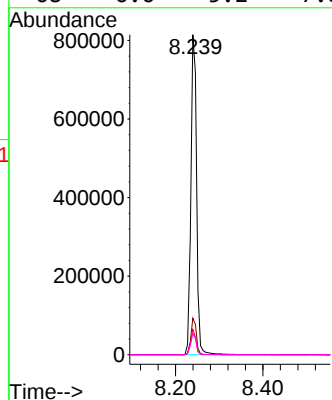
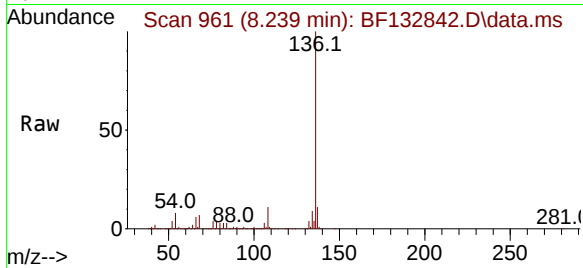




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

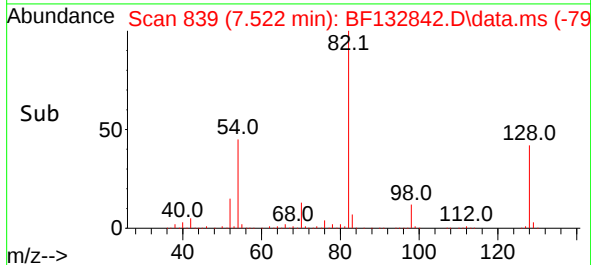
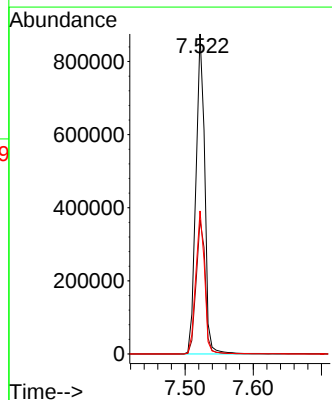
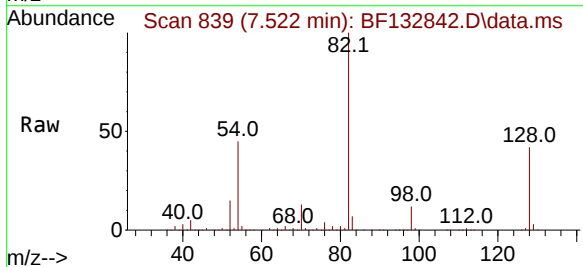
Instrument :
BNA_F
ClientSampleId :
COMP-2

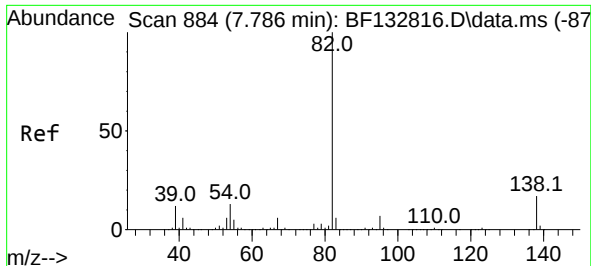
Tgt Ion:136 Resp: 735631
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.9 6.1 9.1
68 6.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 54.770 ng
RT: 7.522 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

Tgt Ion: 82 Resp: 787305
Ion Ratio Lower Upper
82 100
128 41.9 34.4 51.6
54 44.7 35.2 52.8

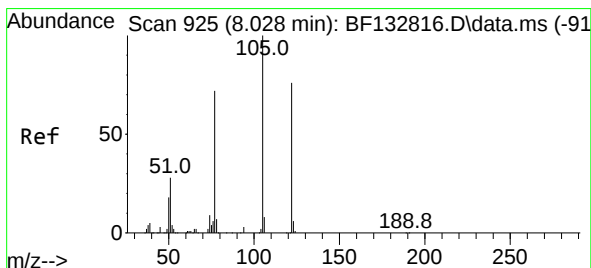
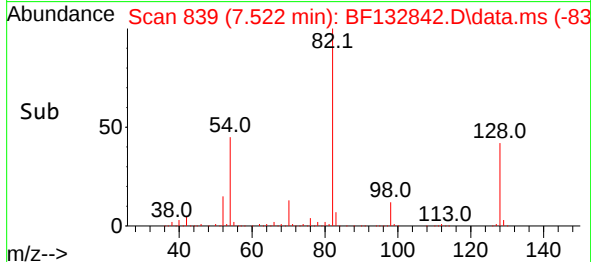
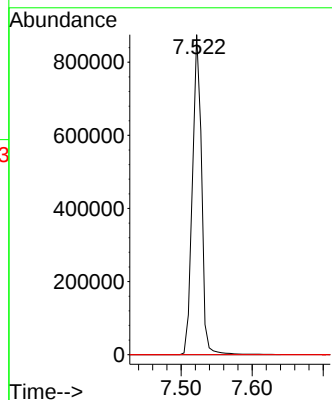
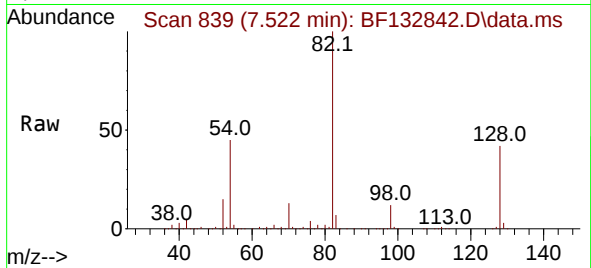




#25
Isophorone
Concen: 27.861 ng
RT: 7.522 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

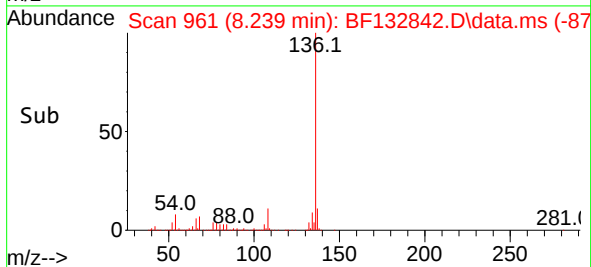
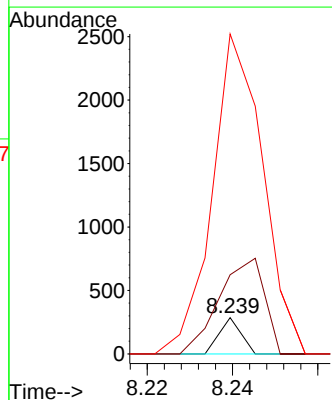
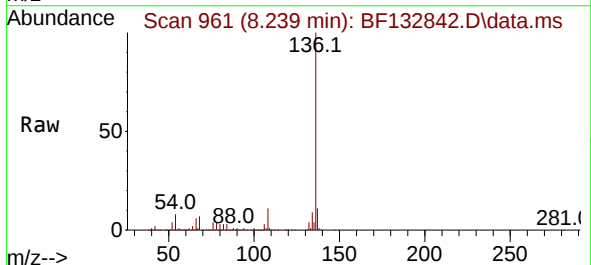
Instrument :
BNA_F
ClientSampleId :
COMP-2

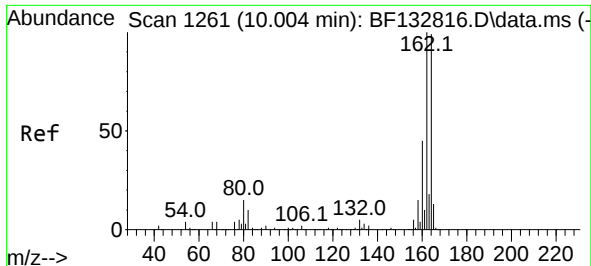
Tgt Ion: 82 Resp: 787298
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.481 ng
RT: 8.239 min Scan# 961
Delta R.T. 0.211 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

Tgt Ion:122 Resp: 101
Ion Ratio Lower Upper
122 100
105 218.2 110.8 150.8#
77 881.5 74.2 114.2#

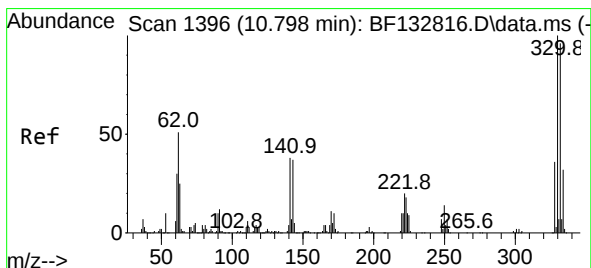
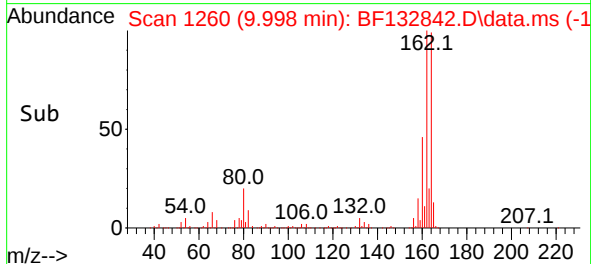
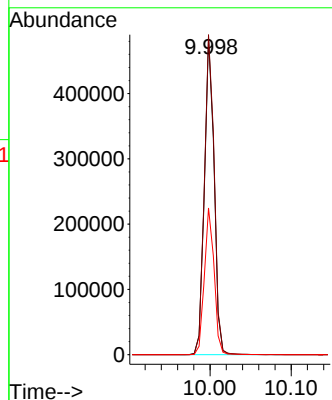
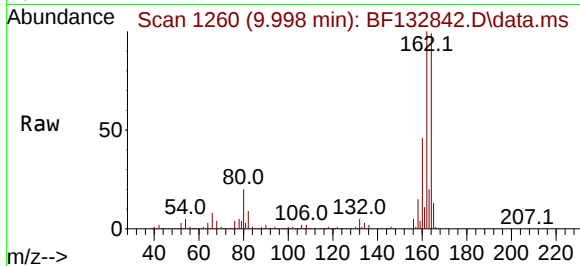




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

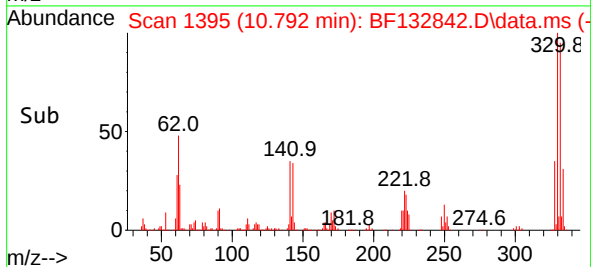
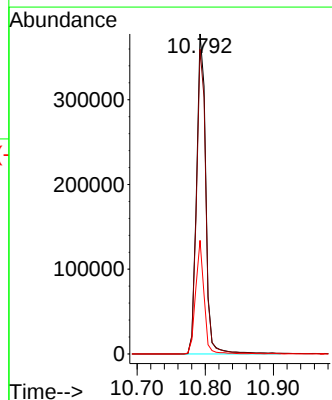
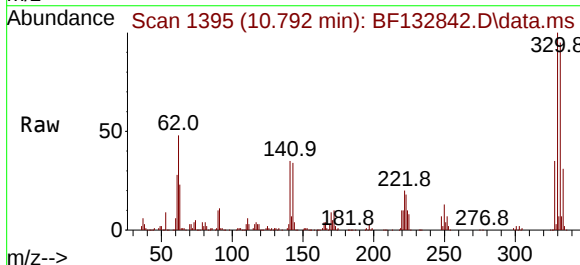
Instrument :
BNA_F
ClientSampleId :
COMP-2

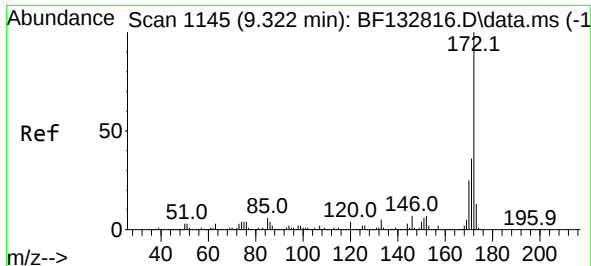
Tgt Ion:164 Resp: 403609
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 46.3 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 82.094 ng
RT: 10.792 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

Tgt Ion:330 Resp: 352223
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 32.4 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 56.591 ng

RT: 9.316 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF132842.D

Acq: 18 Mar 2023 01:47

Instrument :

BNA_F

ClientSampleId :

COMP-2

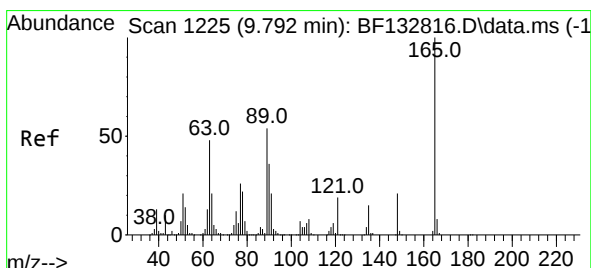
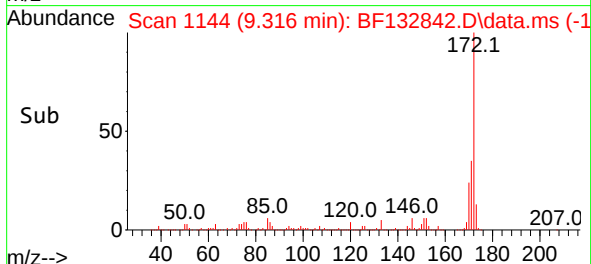
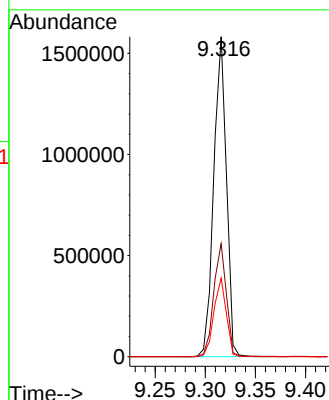
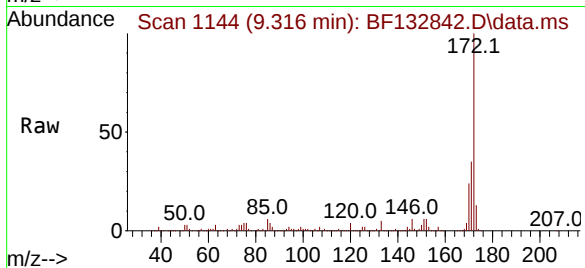
Tgt Ion:172 Resp: 1390453

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 24.5 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 8.293 ng

RT: 9.998 min Scan# 1260

Delta R.T. 0.206 min

Lab File: BF132842.D

Acq: 18 Mar 2023 01:47

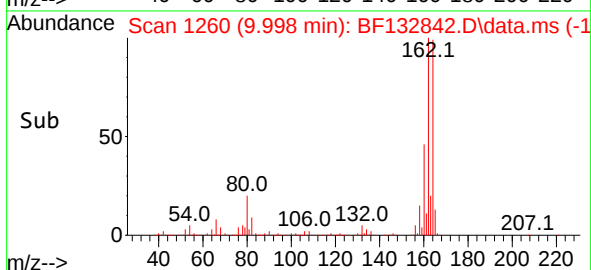
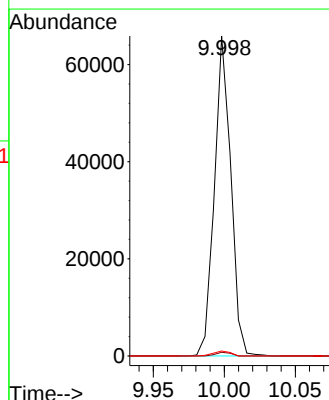
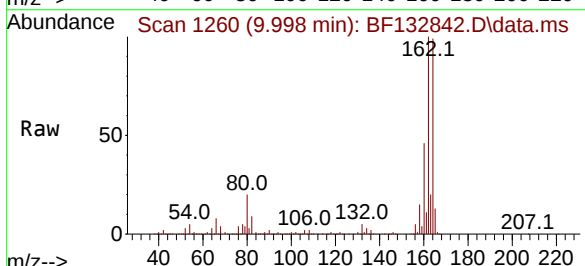
Tgt Ion:165 Resp: 53061

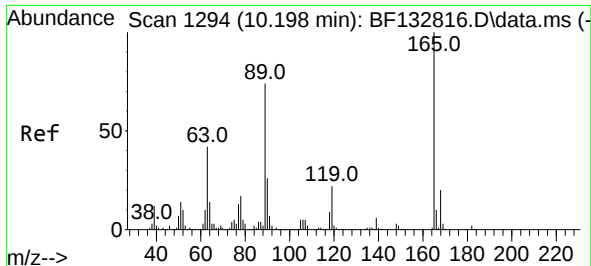
Ion Ratio Lower Upper

165 100

63 1.1 39.1 58.7#

89 1.5 43.5 65.3#

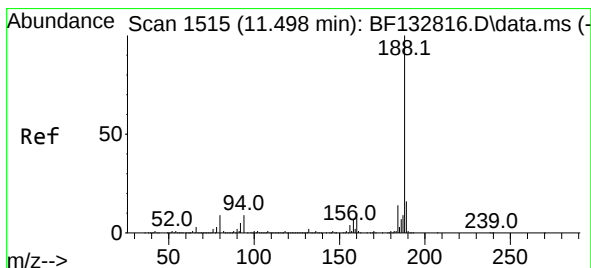
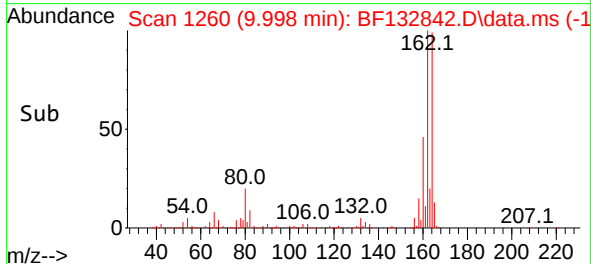
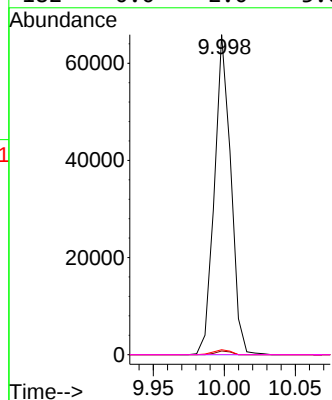
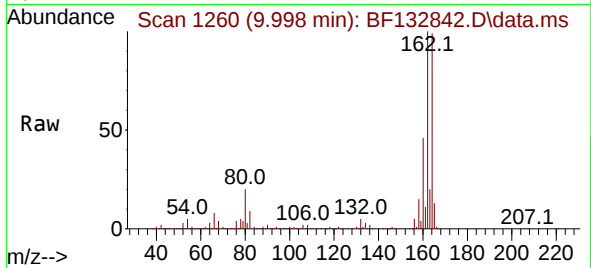




#57
2,4-Dinitrotoluene
Concen: 6.492 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

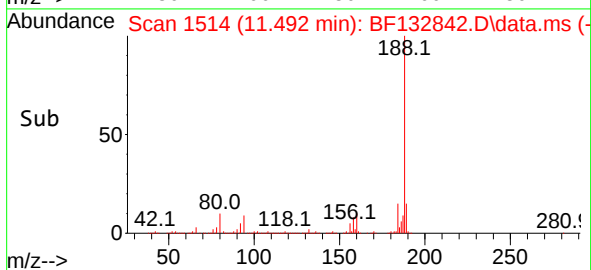
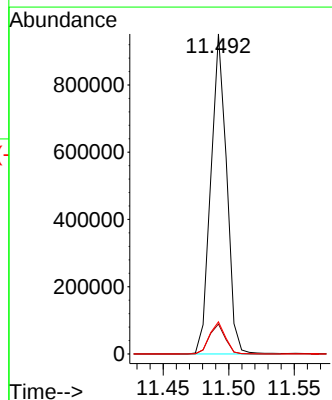
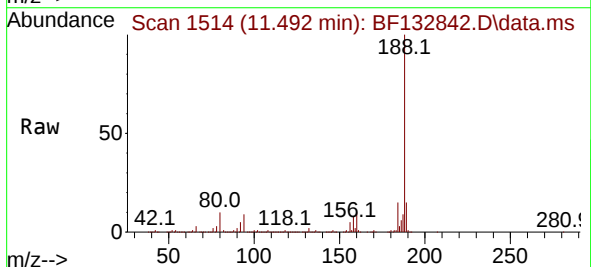
Instrument :
BNA_F
ClientSampleId :
COMP-2

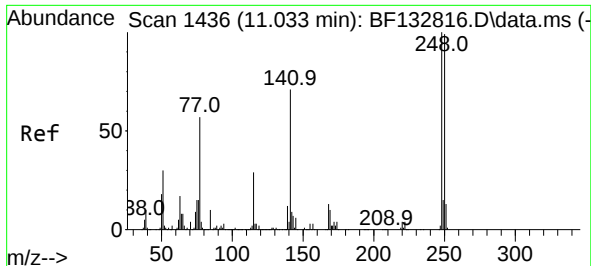
Tgt Ion:165 Resp: 53061
Ion Ratio Lower Upper
165 100
63 1.1 34.4 51.6#
89 1.5 59.5 89.3#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

Tgt Ion:188 Resp: 798599
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.0 7.5 11.3

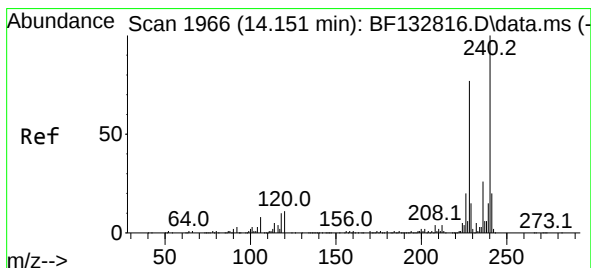
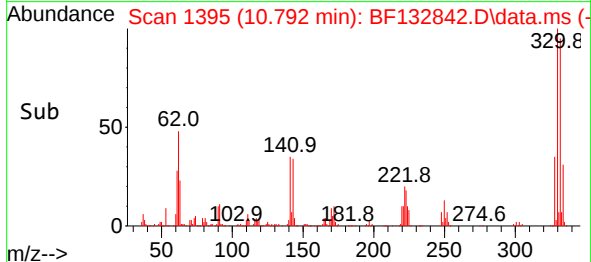
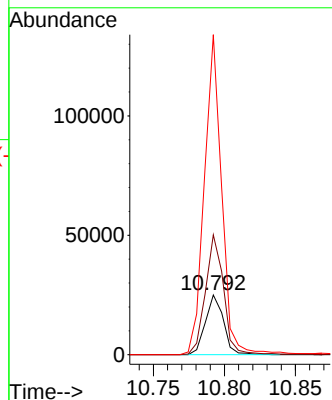
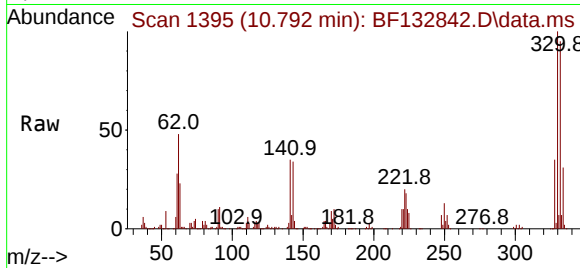




#67
4-Bromophenyl-phenylether
Concen: 2.395 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

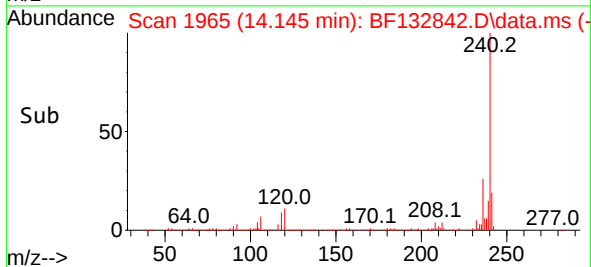
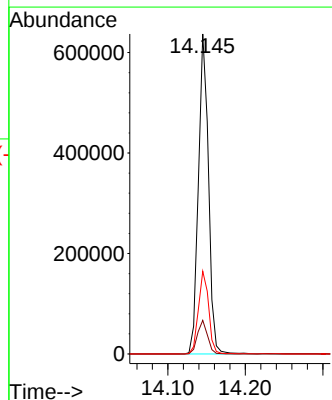
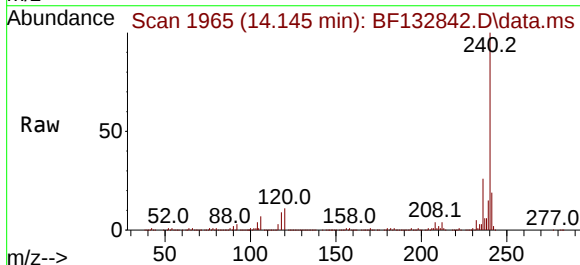
Instrument :
BNA_F
ClientSampleId :
COMP-2

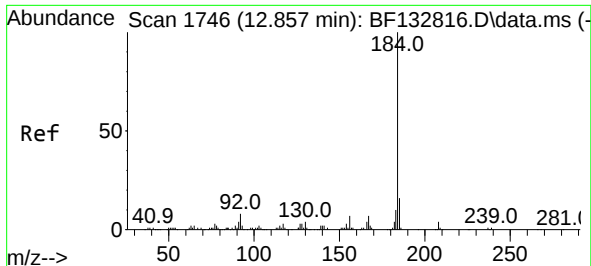
Tgt Ion:248 Resp: 22115
Ion Ratio Lower Upper
248 100
250 200.8 79.1 118.7#
141 535.9 57.1 85.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

Tgt Ion:240 Resp: 573545
Ion Ratio Lower Upper
240 100
120 10.5 9.1 13.7
236 25.8 21.2 31.8

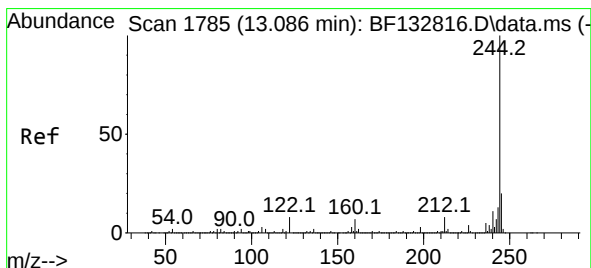
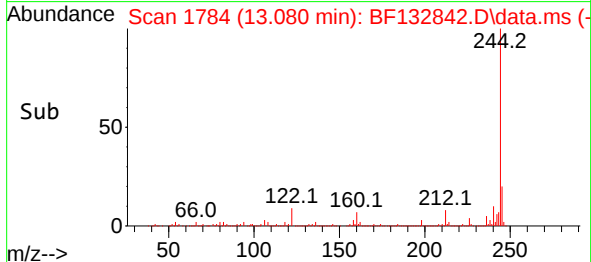
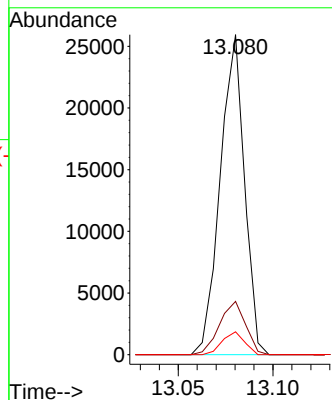
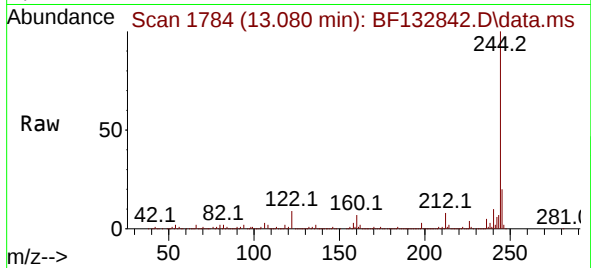




#77
Benzidine
Concen: 6.462 ng
RT: 13.080 min Scan# 1784
Delta R.T. 0.224 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

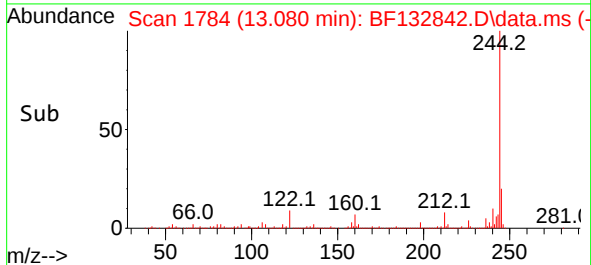
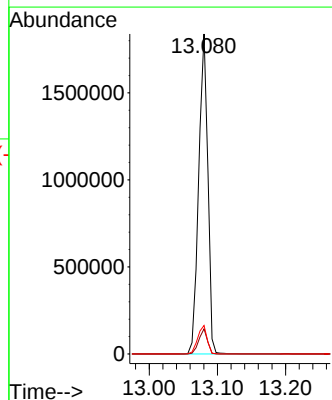
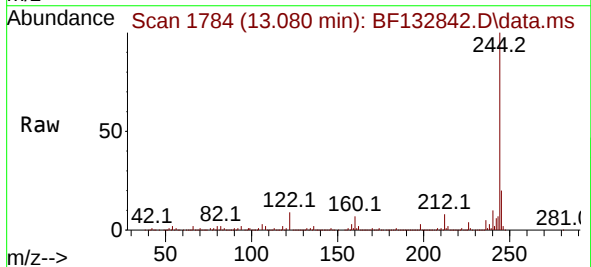
Instrument :
BNA_F
ClientSampleId :
COMP-2

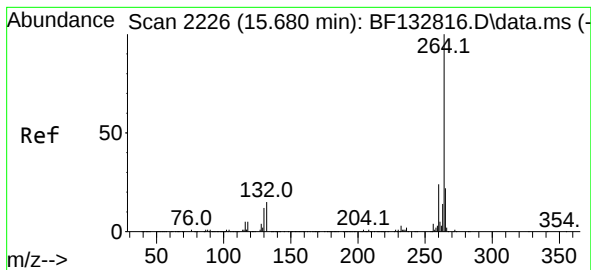
Tgt Ion:184 Resp: 23080
Ion Ratio Lower Upper
184 100
185 16.7 12.6 19.0
183 7.1 8.2 12.4#



#79
Terphenyl-d14
Concen: 53.812 ng
RT: 13.080 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

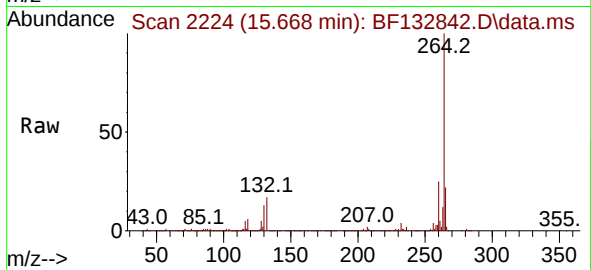
Tgt Ion:244 Resp: 1709230
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 8.9 6.6 9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF132842.D
Acq: 18 Mar 2023 01:47

Instrument :
BNA_F
ClientSampleId :
COMP-2



Tgt Ion:264 Resp: 487207

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	22.3	17.4	26.0

