

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
 Data File : BF132843.D
 Acq On : 18 Mar 2023 02:20
 Operator : CG\JU
 Sample : 01965-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Mar 18 03:11:49 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)

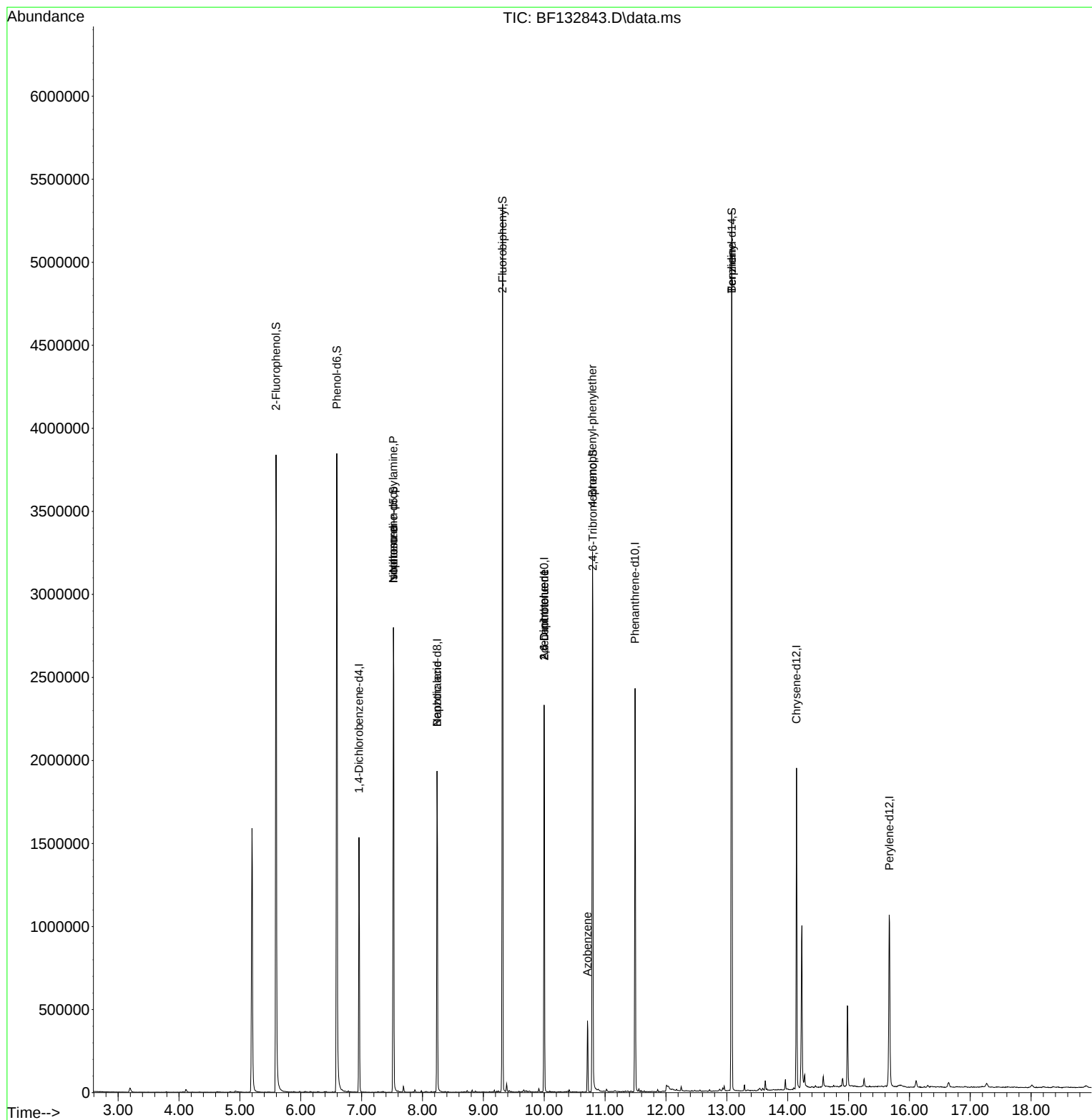
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	224755	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	854964	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	463352	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	892320	20.000	ng	0.00
76) Chrysene-d12	14.145	240	630846	20.000	ng	0.00
86) Perylene-d12	15.668	264	522231	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1230979	92.419	ng	0.00
7) Phenol-d6	6.593	99	1589580	91.944	ng	0.00
23) Nitrobenzene-d5	7.522	82	1010326	60.474	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	434822	88.278	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1631635	57.845	ng	0.00
79) Terphenyl-d14	13.080	244	2012433	57.603	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.522	70	130812	13.261	ng	# 78
25) Isophorone	7.522	82	1010314	30.762	ng	# 66
32) Benzoic acid	8.240	122	76	10.477	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	60107	8.183	ng	# 28
57) 2,4-Dinitrotoluene	9.998	165	60107	6.406	ng	# 23
63) Azobenzene	10.710	77	75595	2.349	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	28728	2.785	ng	# 1
77) Benzidine	13.080	184	28282	7.199	ng	# 95

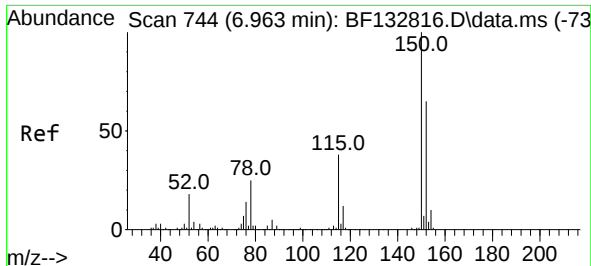
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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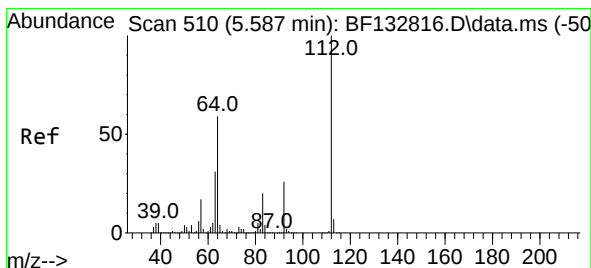
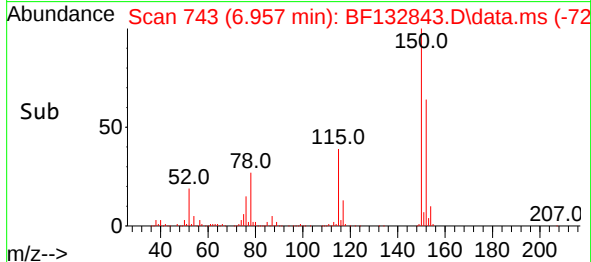
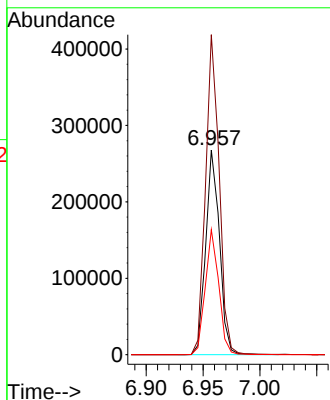
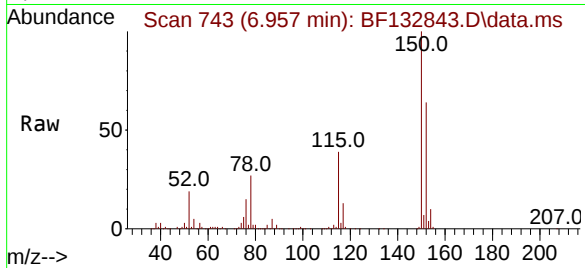




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

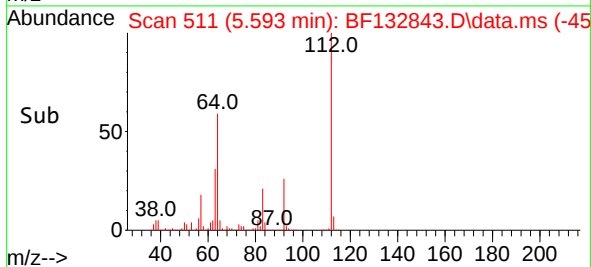
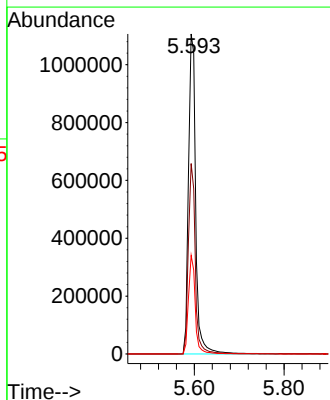
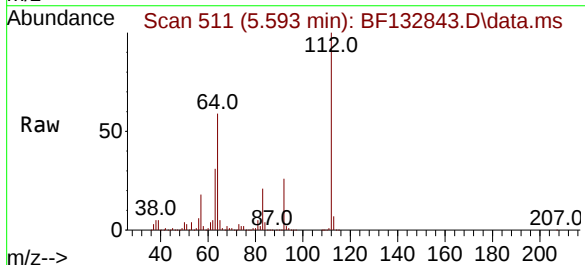
Instrument :
BNA_F
ClientSampleId :
COMP-3

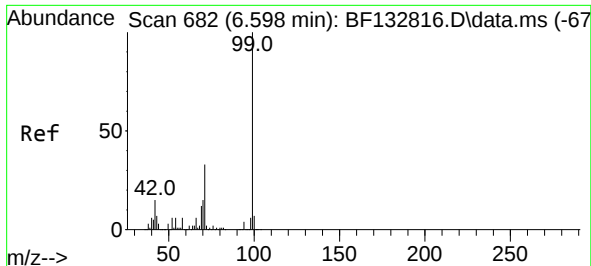
Tgt Ion:152 Resp: 224755
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 61.0 46.2 69.4



#5
2-Fluorophenol
Concen: 92.419 ng
RT: 5.593 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

Tgt Ion:112 Resp: 1230979
Ion Ratio Lower Upper
112 100
64 59.5 47.1 70.7
63 30.8 24.4 36.6

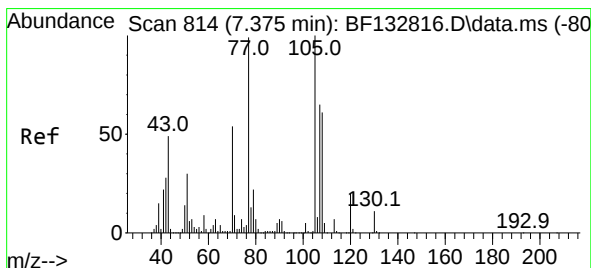
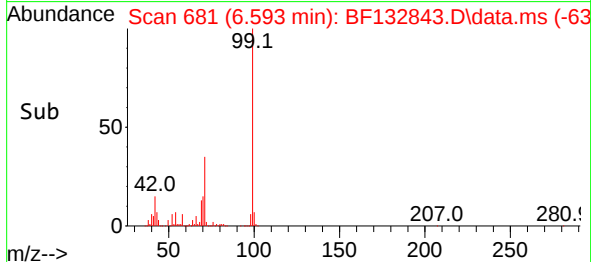
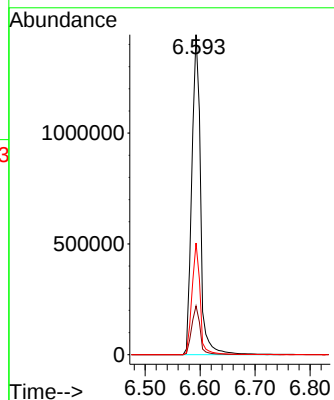
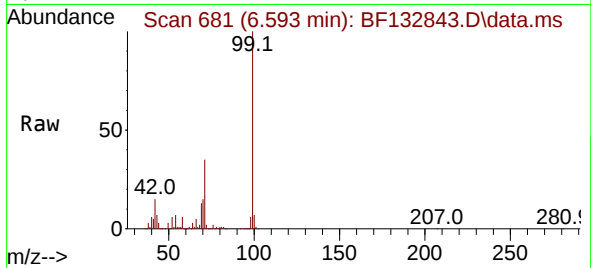




#7
Phenol-d6
Concen: 91.944 ng
RT: 6.593 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

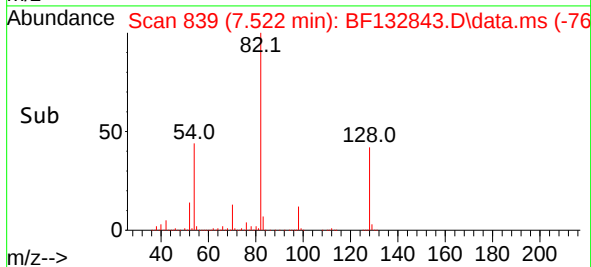
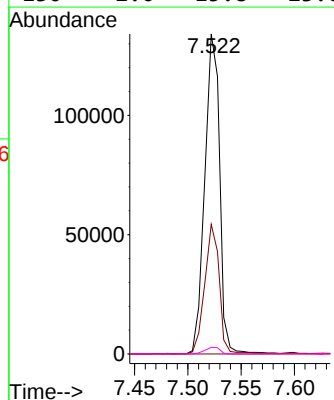
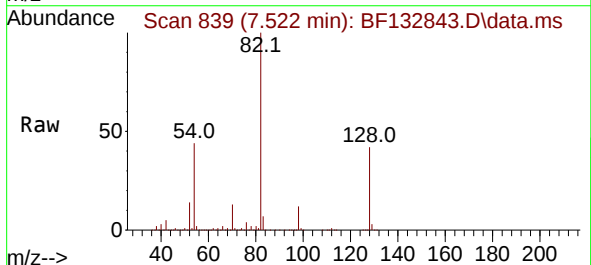
Instrument :
BNA_F
ClientSampleId :
COMP-3

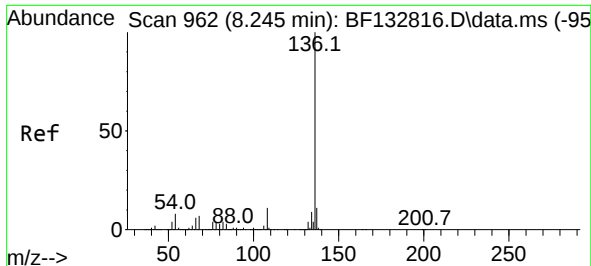
Tgt Ion: 99 Resp: 1589580
Ion Ratio Lower Upper
99 100
42 15.3 11.9 17.9
71 34.9 26.3 39.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.261 ng
RT: 7.522 min Scan# 839
Delta R.T. 0.147 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

Tgt Ion: 70 Resp: 130812
Ion Ratio Lower Upper
70 100
42 40.5 40.9 61.3#
101 0.0 7.8 11.6#
130 2.0 15.8 23.6#

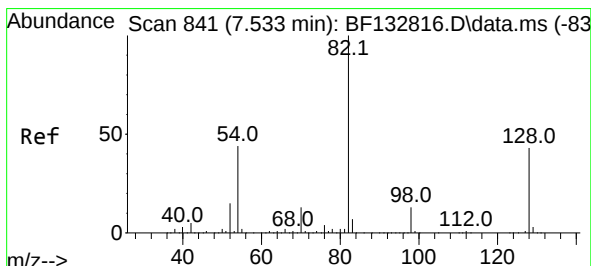
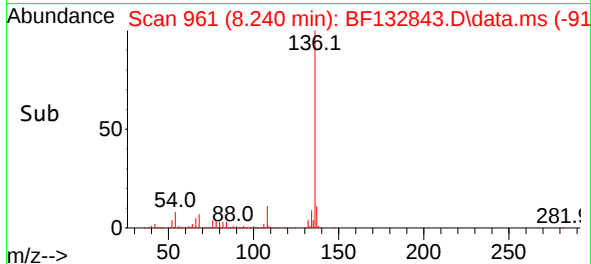
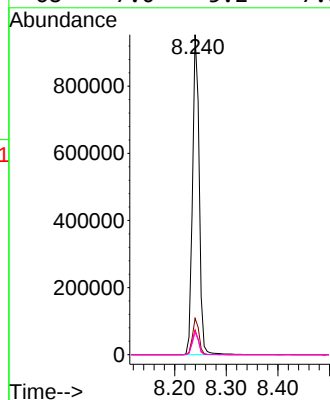
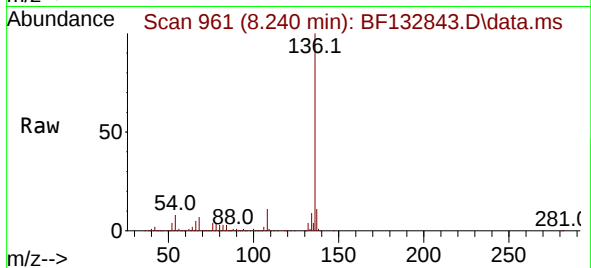




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

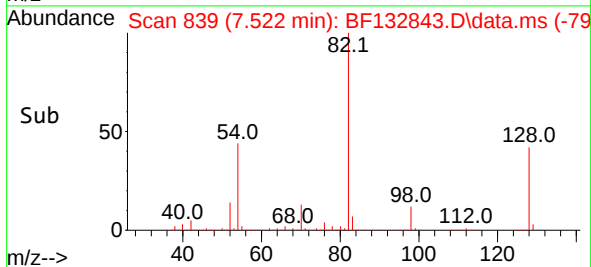
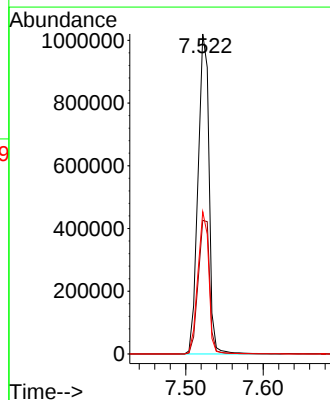
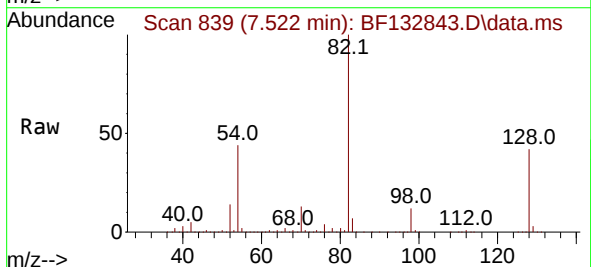
Instrument :
BNA_F
ClientSampleId :
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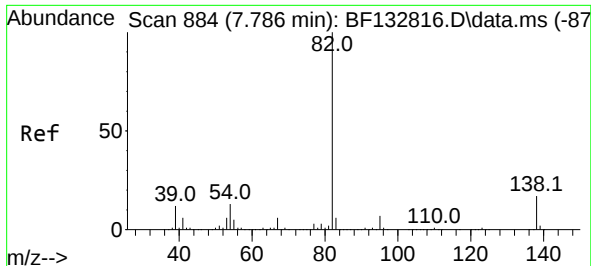
Tgt Ion:136 Resp: 854964
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.8 6.1 9.1
68 7.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 60.474 ng
RT: 7.522 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

Tgt Ion: 82 Resp: 1010326
Ion Ratio Lower Upper
82 100
128 41.7 34.4 51.6
54 44.5 35.2 52.8

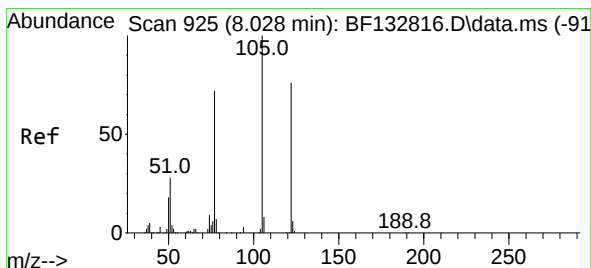
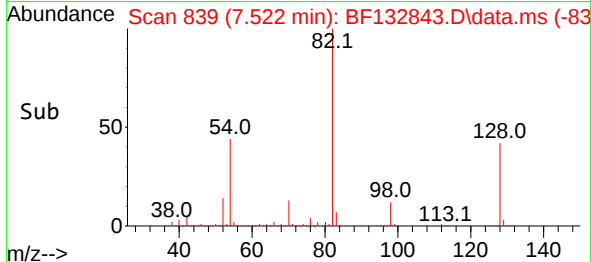
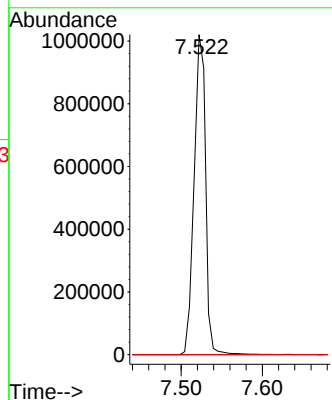
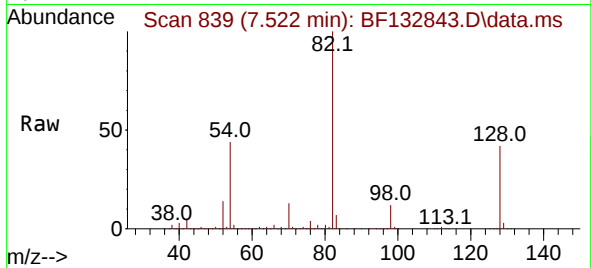




#25
Isophorone
Concen: 30.762 ng
RT: 7.522 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

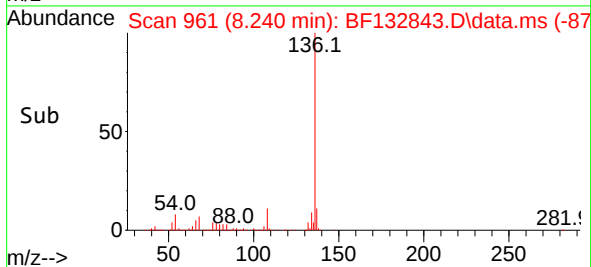
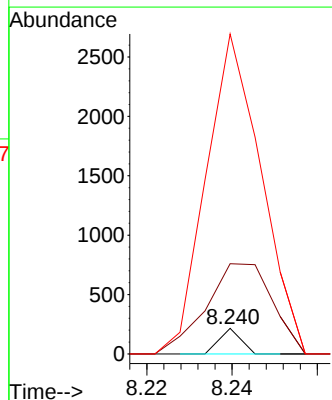
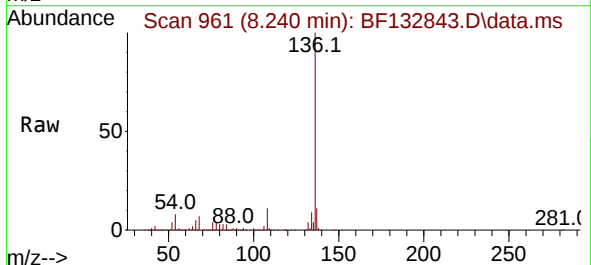
Instrument :
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ClientSampleId :
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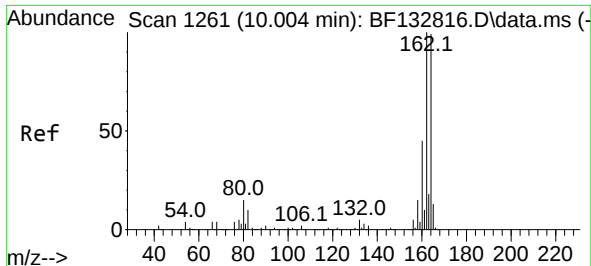
Tgt Ion: 82 Resp: 1010314
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#32
Benzoic acid
Concen: 10.477 ng
RT: 8.240 min Scan# 961
Delta R.T. 0.212 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

Tgt Ion:122 Resp: 76
Ion Ratio Lower Upper
122 100
105 353.0 110.8 150.8#
77 1253.0 74.2 114.2#

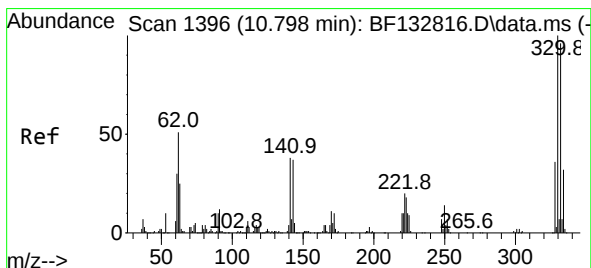
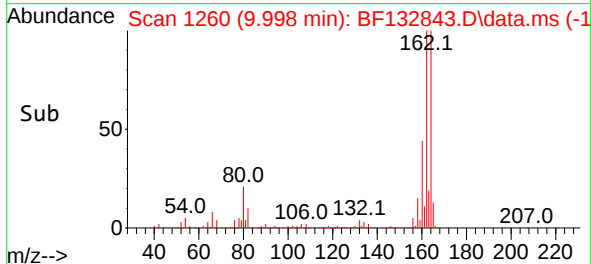
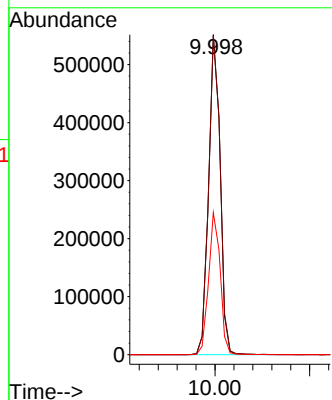
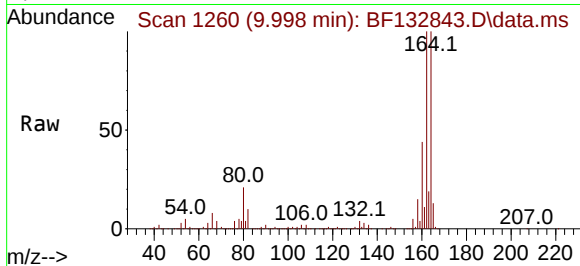




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

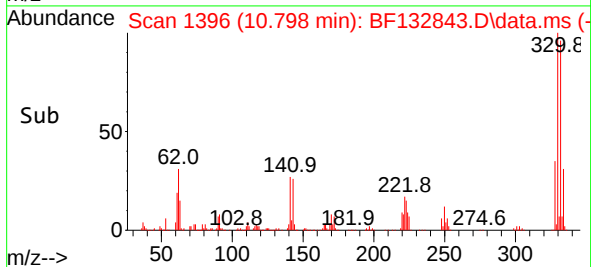
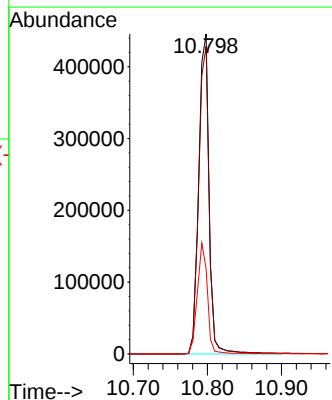
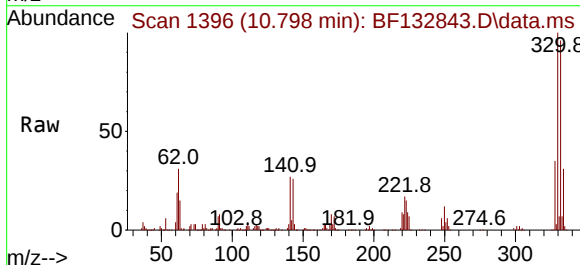
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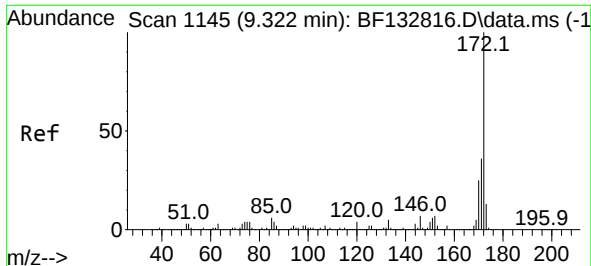
Tgt Ion:164 Resp: 463352
Ion Ratio Lower Upper
164 100
162 99.6 80.6 121.0
160 44.4 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 88.278 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

Tgt Ion:330 Resp: 434822
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 33.7 26.7 40.1

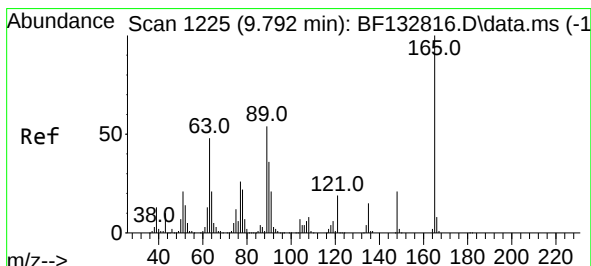
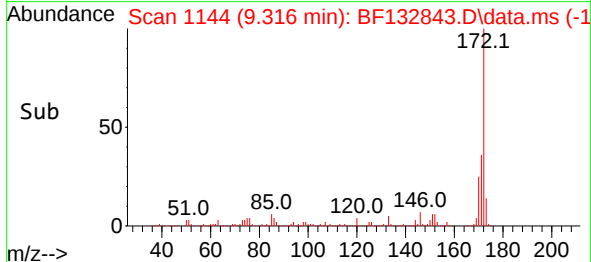
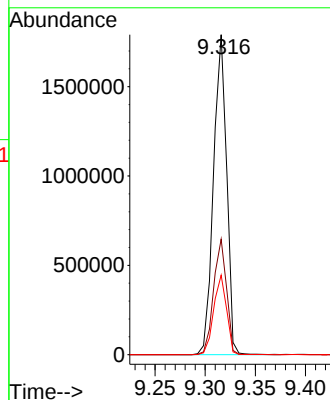
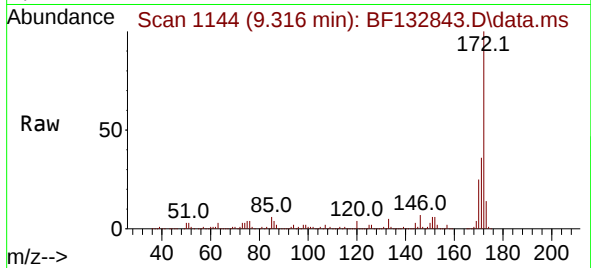




#45
2-Fluorobiphenyl
Concen: 57.845 ng
RT: 9.316 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

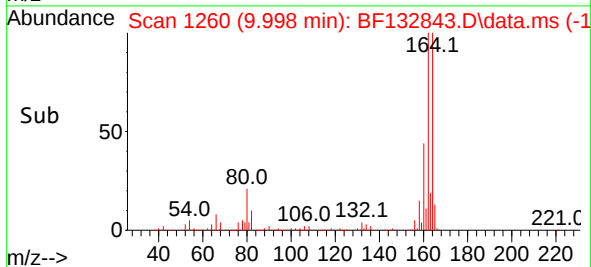
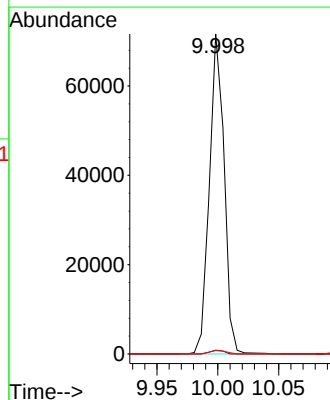
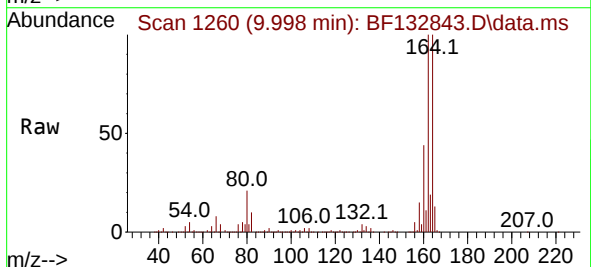
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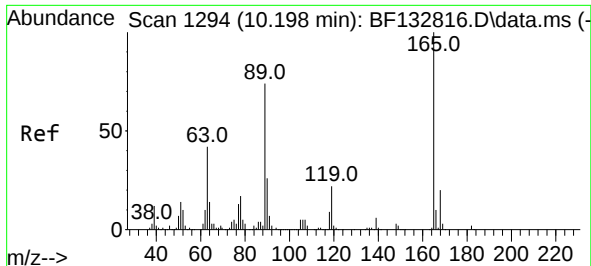
Tgt Ion:172 Resp: 1631635
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.9 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 8.183 ng
RT: 9.998 min Scan# 1260
Delta R.T. 0.206 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

Tgt Ion:165 Resp: 60107
Ion Ratio Lower Upper
165 100
63 1.2 39.1 58.7#
89 1.1 43.5 65.3#

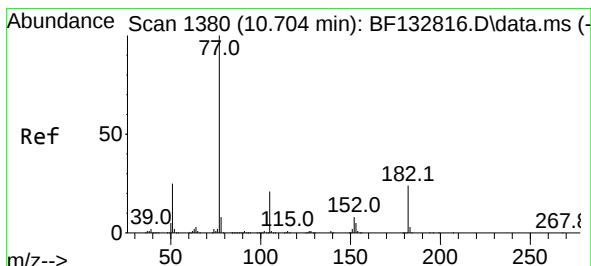
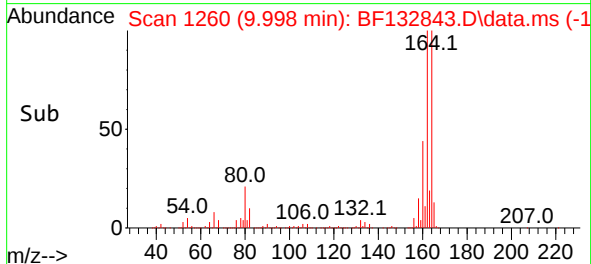
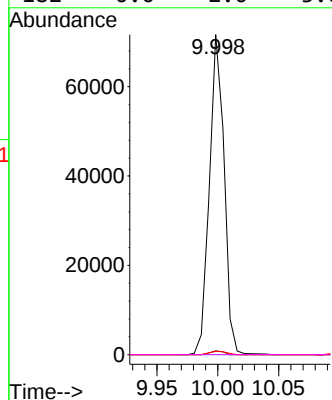
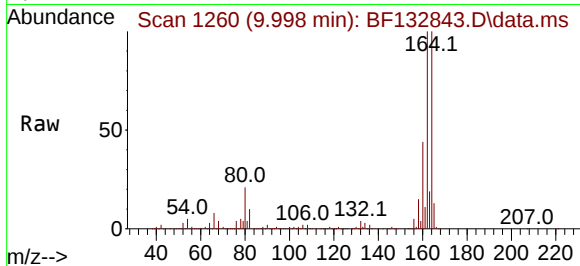




#57
2,4-Dinitrotoluene
Concen: 6.406 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

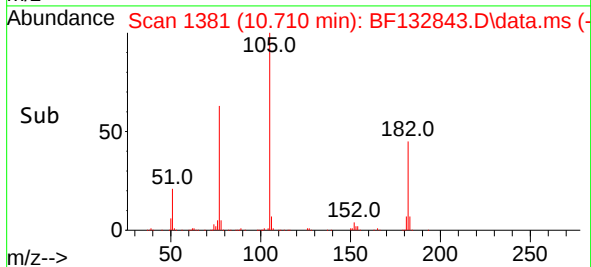
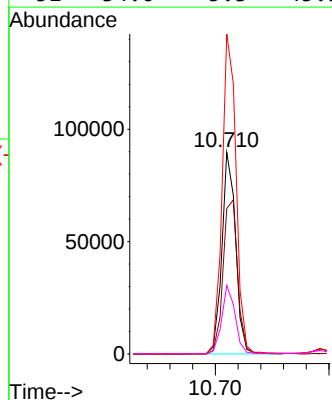
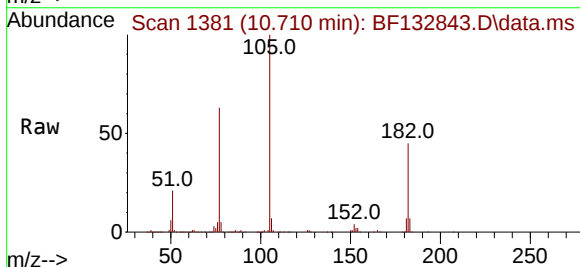
Instrument :
BNA_F
ClientSampleId :
COMP-3

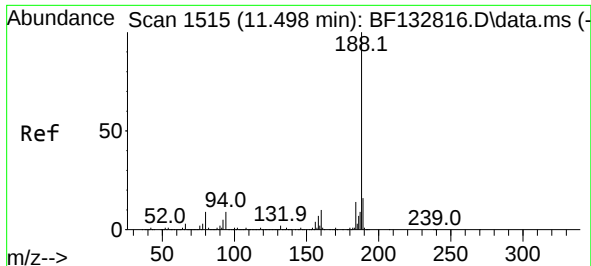
Tgt Ion:165 Resp: 60107
Ion Ratio Lower Upper
165 100
63 1.2 34.4 51.6#
89 1.1 59.5 89.3#
182 0.0 2.0 3.0#



#63
Azobenzene
Concen: 2.349 ng
RT: 10.710 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

Tgt Ion: 77 Resp: 75595
Ion Ratio Lower Upper
77 100
182 72.1 3.8 43.8#
105 158.7 1.2 41.2#
51 34.0 5.3 45.3

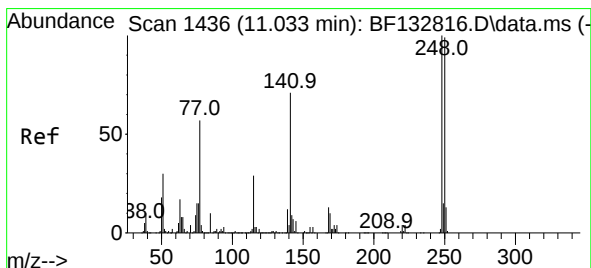
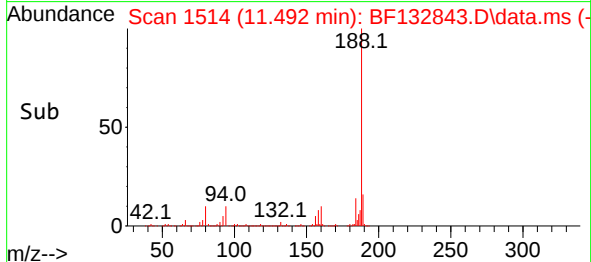
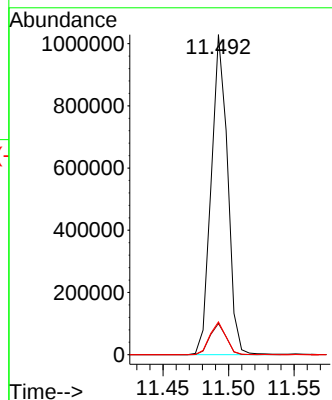
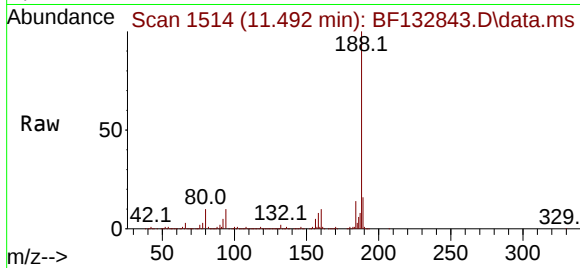




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

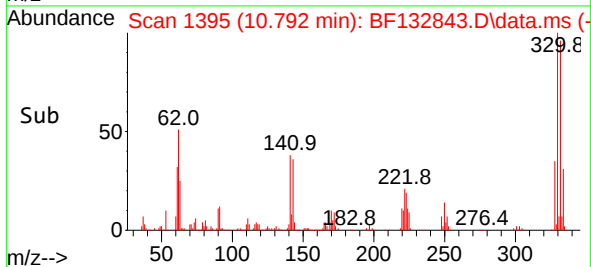
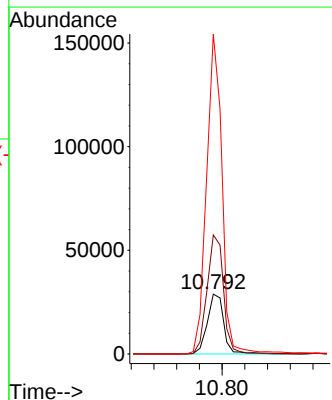
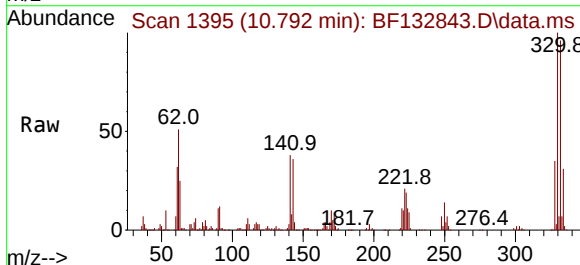
Instrument :
BNA_F
ClientSampleId :
COMP-3

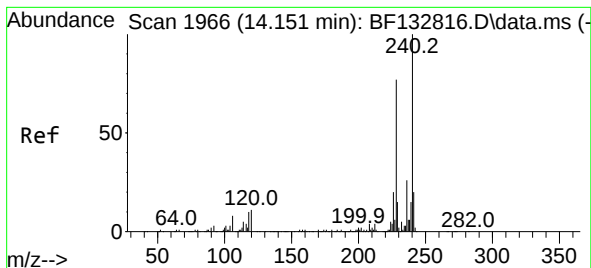
Tgt Ion:188 Resp: 892320
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.785 ng
RT: 10.792 min Scan# 1395
Delta R.T. -0.241 min
Lab File: BF132843.D
Acq: 18 Mar 2023 02:20

Tgt Ion:248 Resp: 28728
Ion Ratio Lower Upper
248 100
250 198.8 79.1 118.7#
141 534.2 57.1 85.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BF132843.D

Acq: 18 Mar 2023 02:20

Instrument :

BNA_F

ClientSampleId :

COMP-3

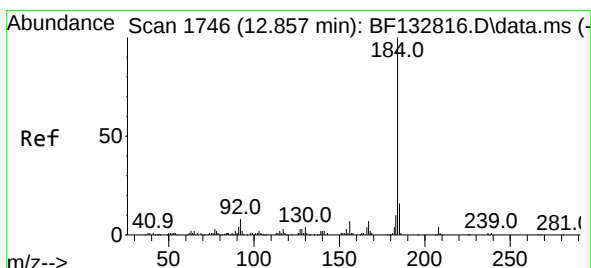
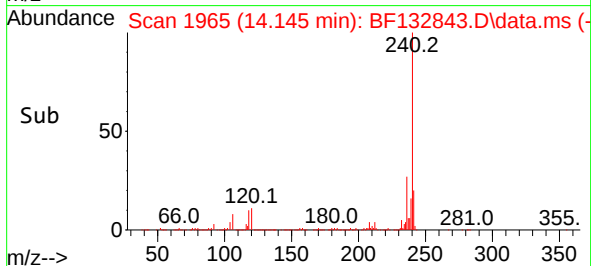
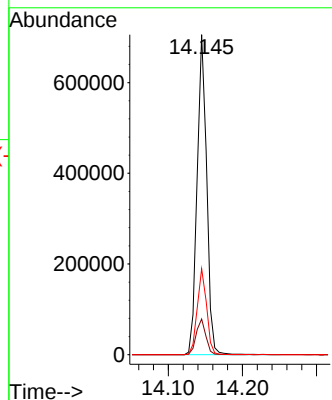
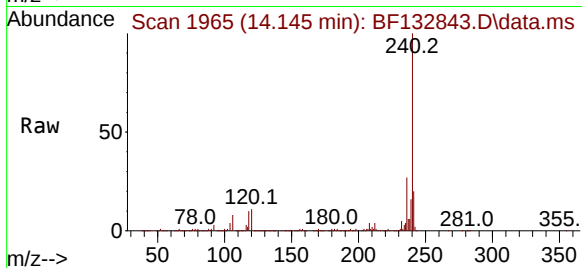
Tgt Ion:240 Resp: 630846

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 26.9 21.2 31.8



#77

Benzidine

Concen: 7.199 ng

RT: 13.080 min Scan# 1784

Delta R.T. 0.224 min

Lab File: BF132843.D

Acq: 18 Mar 2023 02:20

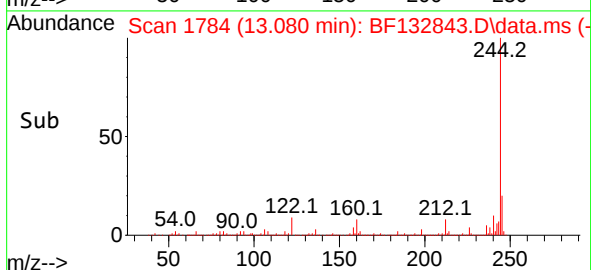
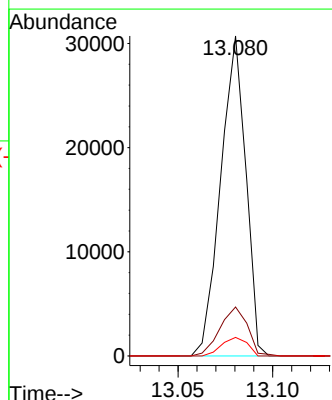
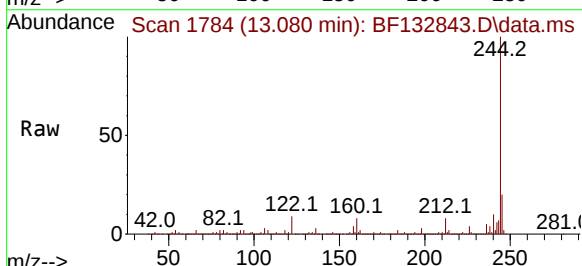
Tgt Ion:184 Resp: 28282

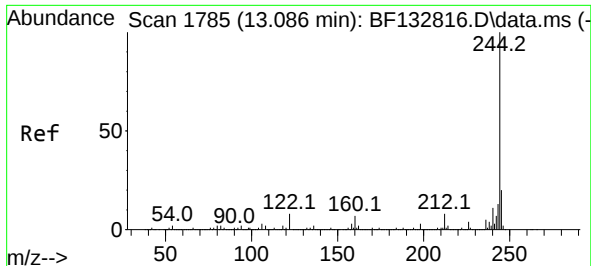
Ion Ratio Lower Upper

184 100

185 15.3 12.6 19.0

183 5.8 8.2 12.4#

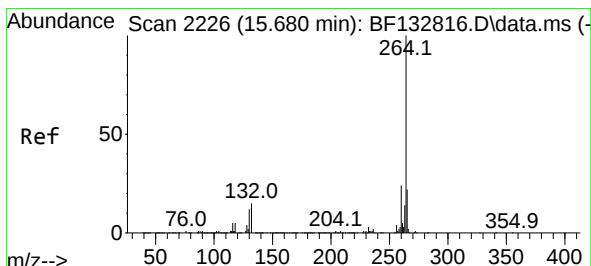
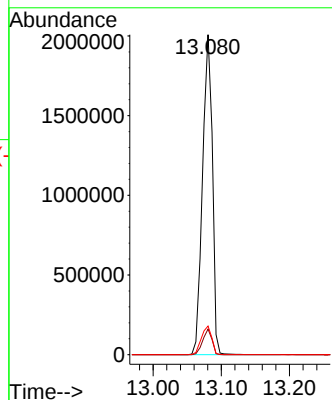
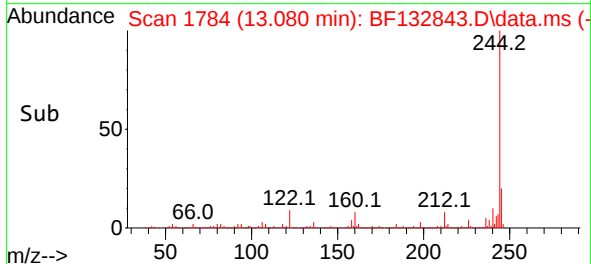
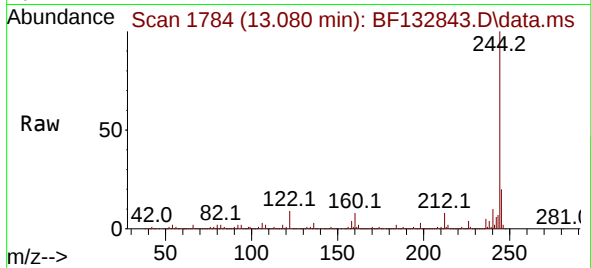




#79
 Terphenyl-d14
 Concen: 57.603 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132843.D
 Acq: 18 Mar 2023 02:20

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Tgt Ion:244 Resp: 2012433
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.9 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 2224
 Delta R.T. -0.012 min
 Lab File: BF132843.D
 Acq: 18 Mar 2023 02:20

Tgt Ion:264 Resp: 522231
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.7 17.4 26.0

