

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132596.D
 Acq On : 01 Mar 2023 17:47
 Operator : CG\JU
 Sample : 01739-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2-COMP-2

Quant Time: Mar 02 03:19:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

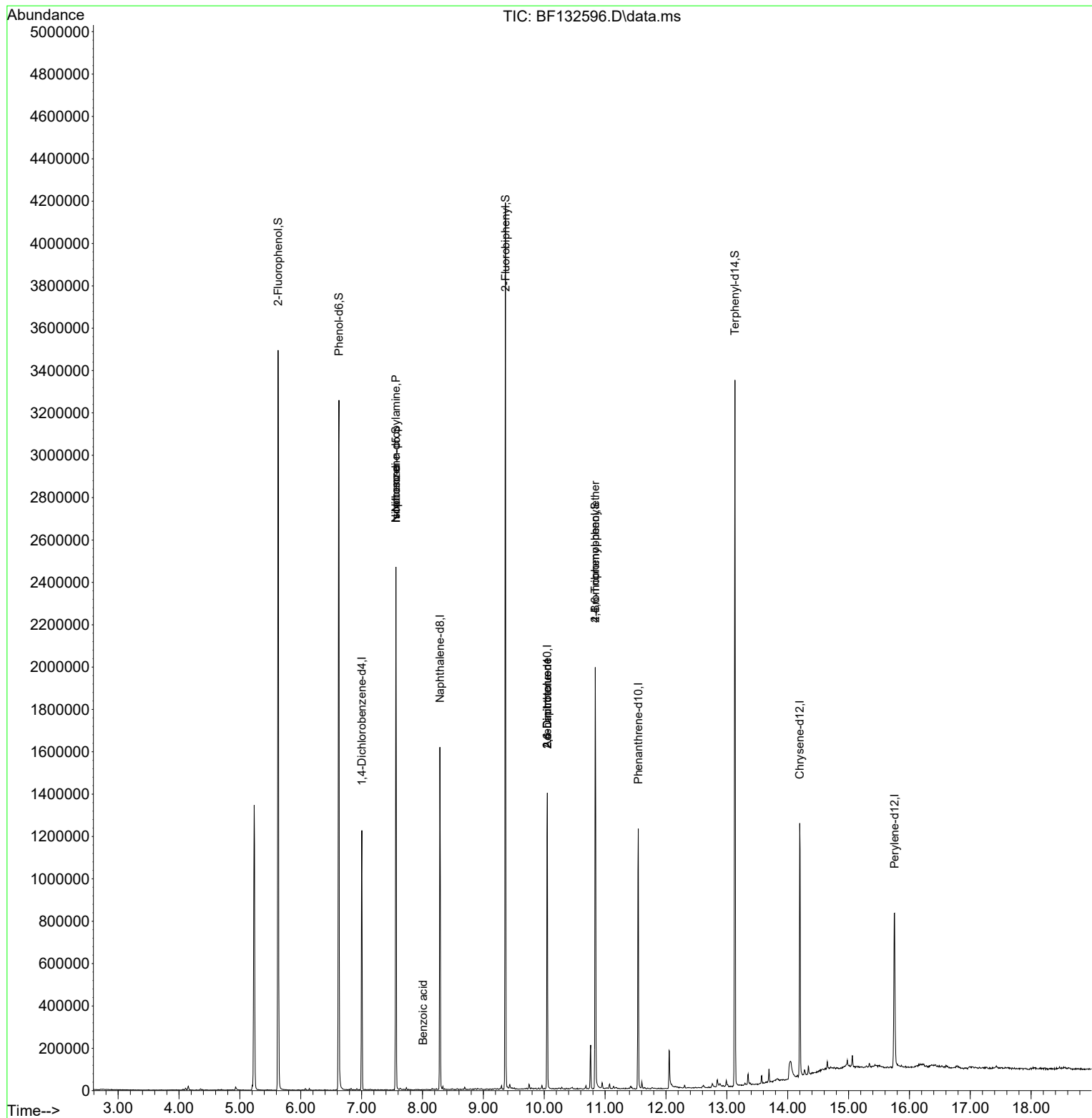
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	177203	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	621716	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	280356	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	453371	20.000	ng	0.00
76) Chrysene-d12	14.198	240	416874	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	380194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	998909	91.488	ng	0.00
7) Phenol-d6	6.628	99	1218853	85.536	ng	0.00
23) Nitrobenzene-d5	7.563	82	747728	57.061	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	224487	74.144	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1179898	64.082	ng	0.00
79) Terphenyl-d14	13.133	244	1125523	45.649	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.563	70	96834	11.042	ng	# 76
25) Isophorone	7.563	82	747610	29.757	ng	# 67
32) Benzoic acid	8.010	122	108	3.849	ng	# 1
51) 2,6-Dinitrotoluene	10.051	165	36371	7.823	ng	# 22
57) 2,4-Dinitrotoluene	10.051	165	36371	5.881	ng	# 21
67) 4-Bromophenyl-phenylether	10.839	248	14720	2.870	ng	# 1

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

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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BNA_F
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SAMPLE-2-COMP-2

Quant Time: Mar 02 03:19:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
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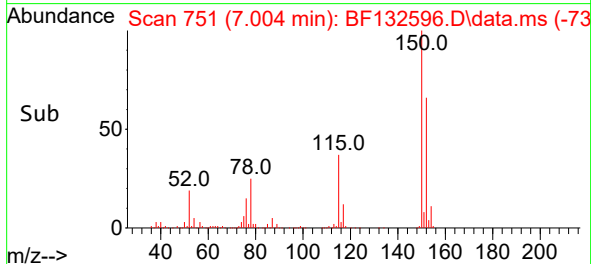
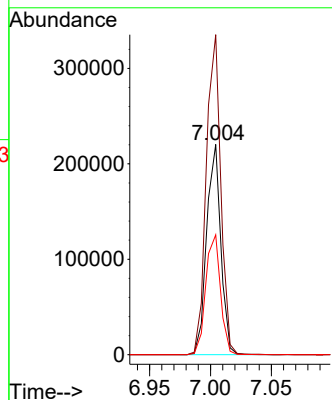
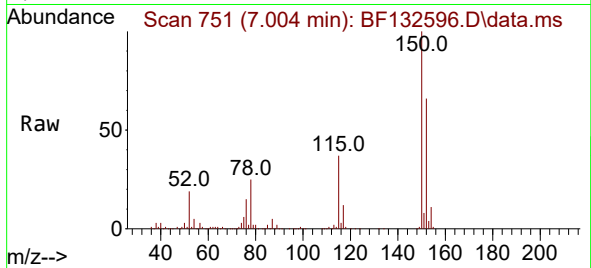




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

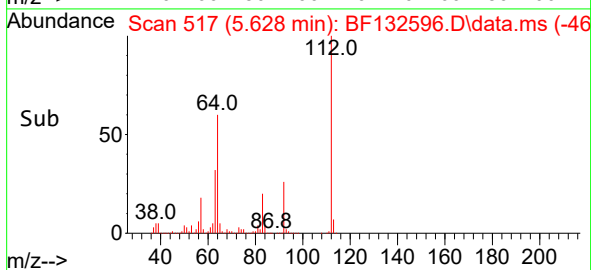
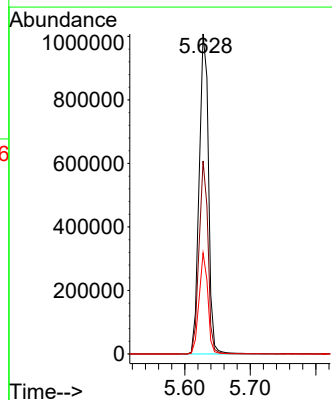
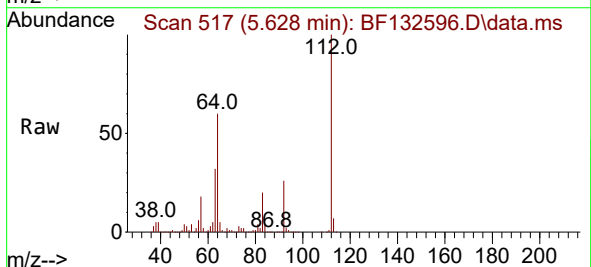
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-COMP-2

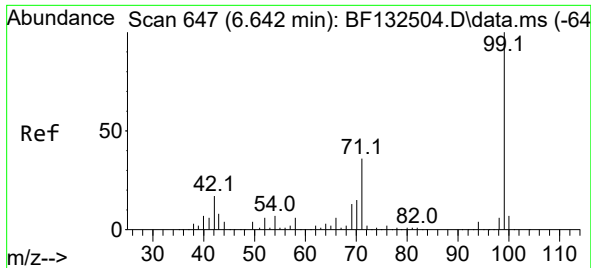
Tgt Ion:152 Resp: 177203
Ion Ratio Lower Upper
152 100
150 152.2 125.4 188.2
115 57.0 47.8 71.6



#5
2-Fluorophenol
Concen: 91.488 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

Tgt Ion:112 Resp: 998909
Ion Ratio Lower Upper
112 100
64 60.3 51.6 77.4
63 31.6 27.4 41.2

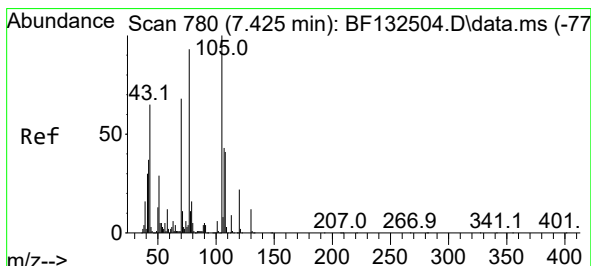
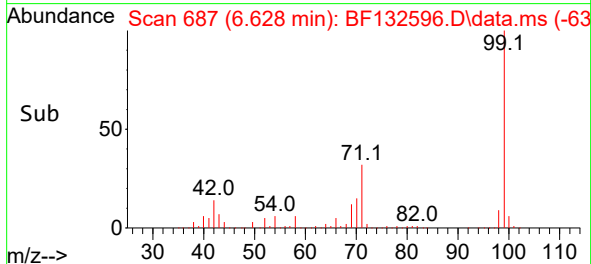
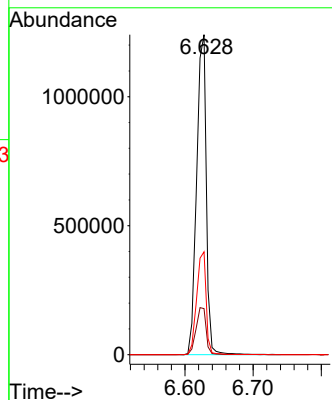
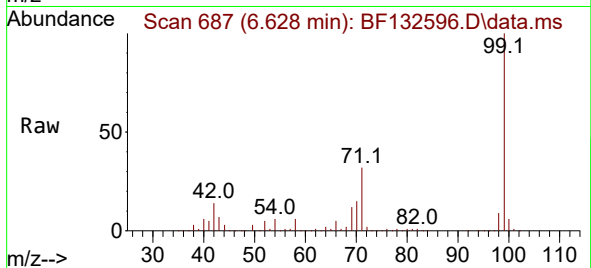




#7
Phenol-d6
Concen: 85.536 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

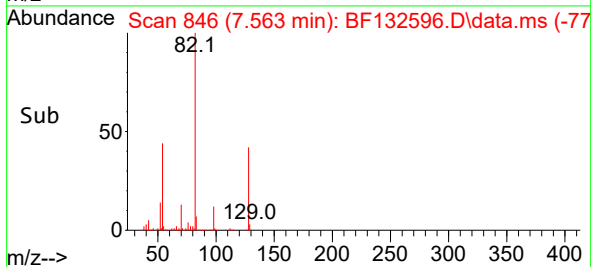
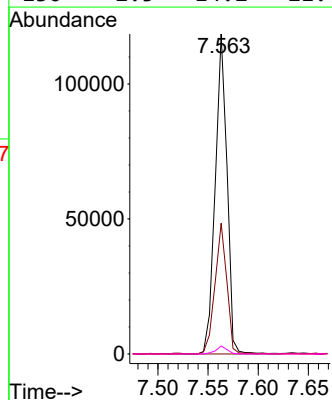
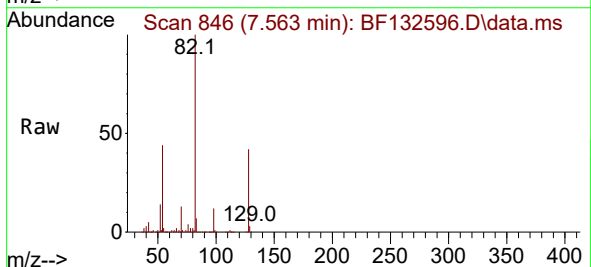
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-COMP-2

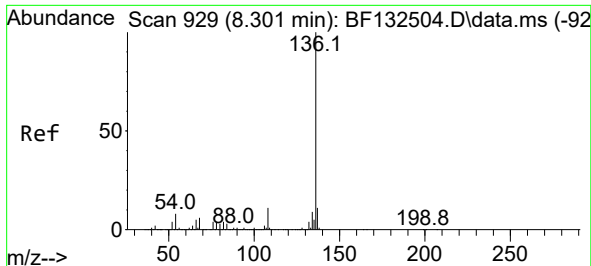
Tgt Ion: 99 Resp: 1218853
Ion Ratio Lower Upper
99 100
42 14.4 13.9 20.9
71 32.2 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.042 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

Tgt Ion: 70 Resp: 96834
Ion Ratio Lower Upper
70 100
42 40.9 44.1 66.1#
101 0.0 7.4 11.2#
130 2.5 14.2 21.4#

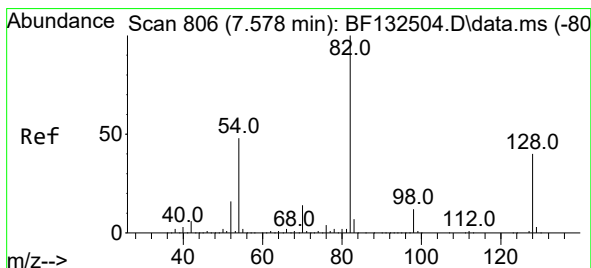
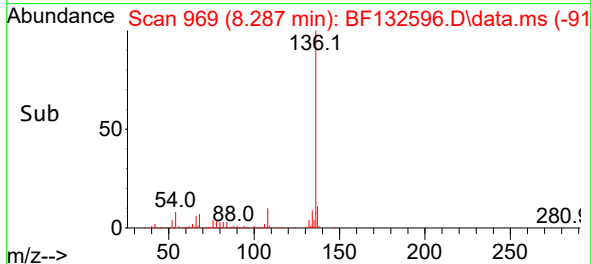
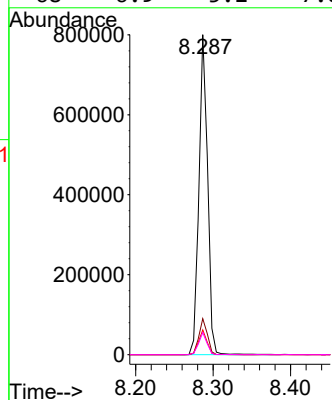
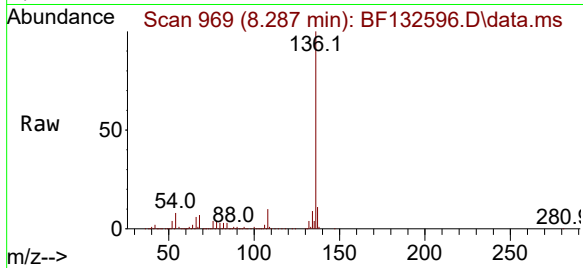




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

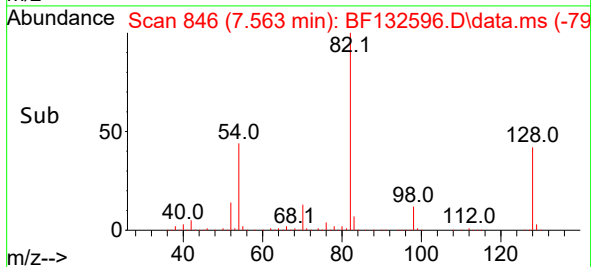
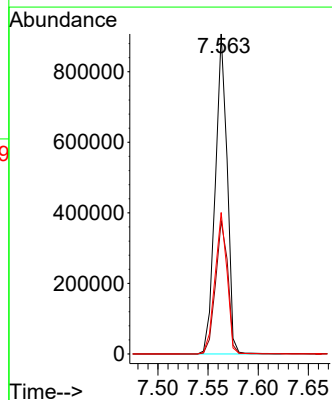
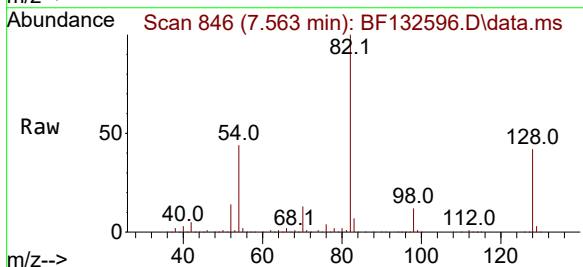
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-COMP-2

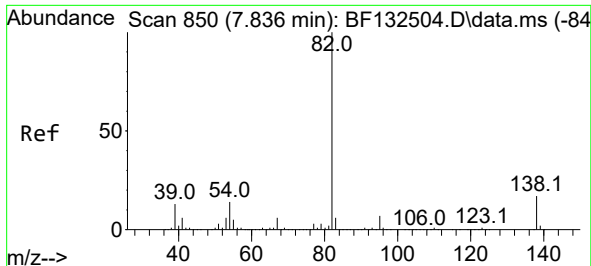
Tgt Ion:136 Resp: 621716
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.7 6.2 9.4
68 6.9 5.2 7.8



#23
Nitrobenzene-d5
Concen: 57.061 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

Tgt Ion: 82 Resp: 747728
Ion Ratio Lower Upper
82 100
128 41.6 32.2 48.2
54 44.2 38.4 57.6

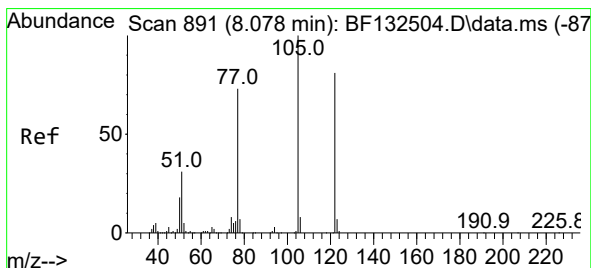
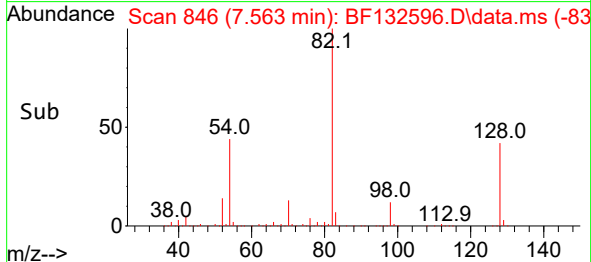
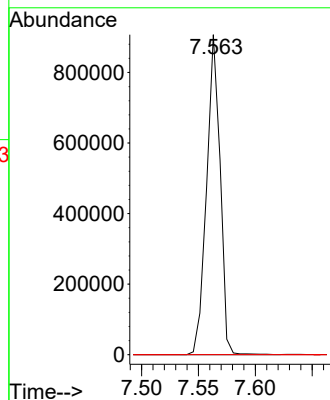
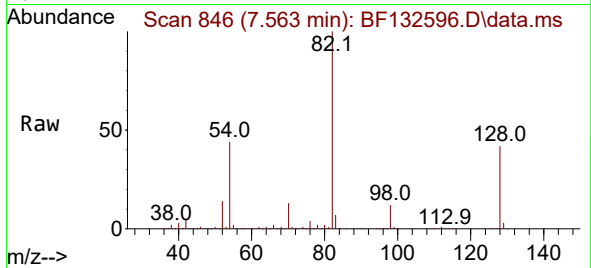




#25
Isophorone
Concen: 29.757 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

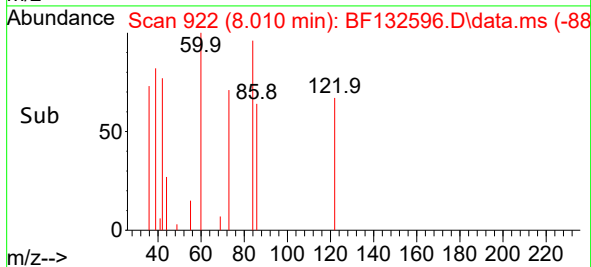
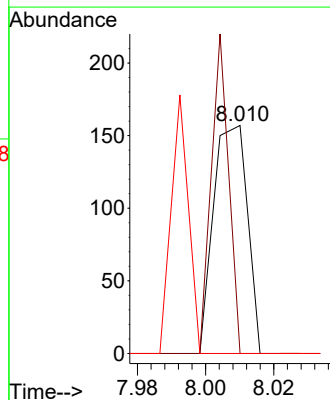
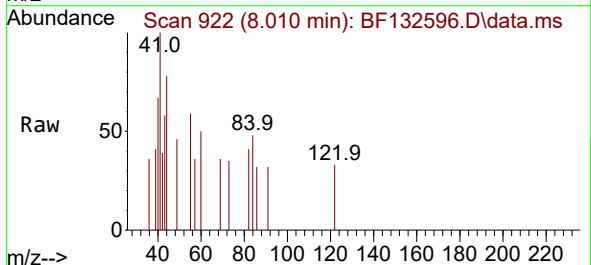
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-COMP-2

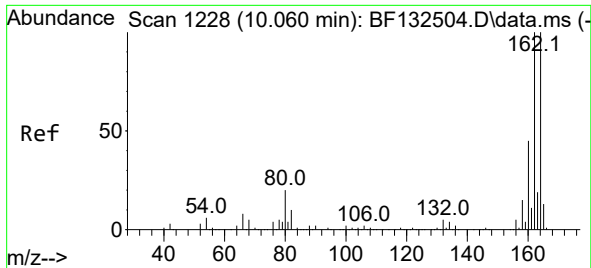
Tgt Ion: 82 Resp: 747610
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.849 ng
RT: 8.010 min Scan# 922
Delta R.T. -0.056 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

Tgt Ion: 122 Resp: 108
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 0.0 70.2 110.2#

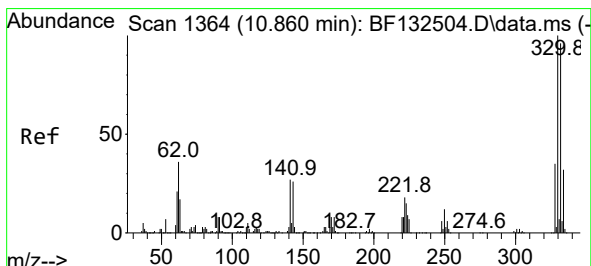
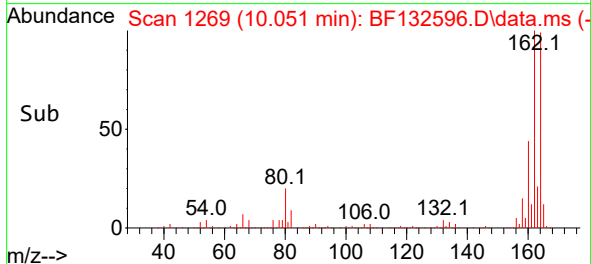
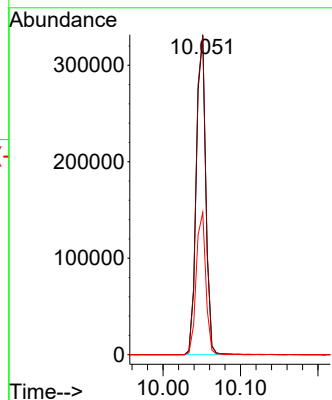
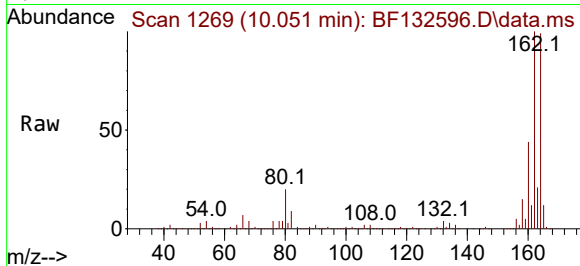




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

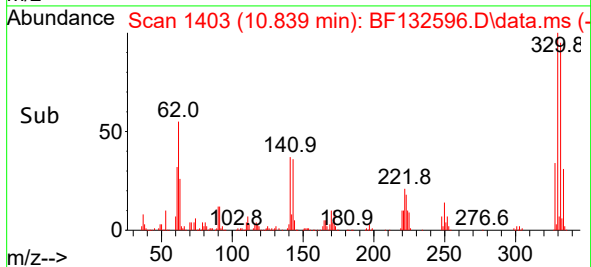
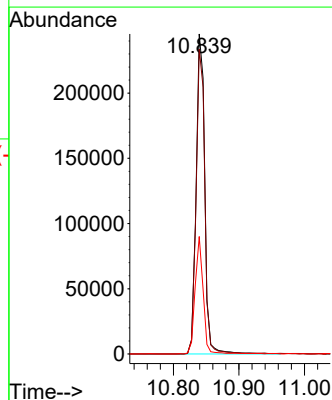
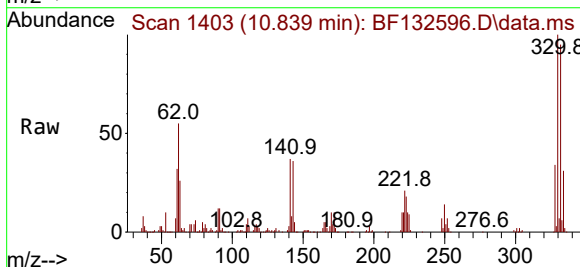
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-COMP-2

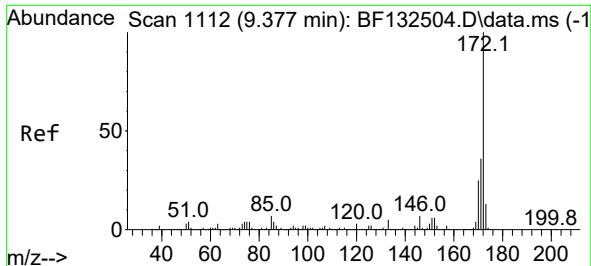
Tgt Ion:164 Resp: 280356
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.8
160 44.7 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 74.144 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

Tgt Ion:330 Resp: 224487
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 34.4 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 64.082 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132596.D

Acq: 01 Mar 2023 17:47

Instrument :

BNA_F

ClientSampleId :

SAMPLE-2-COMP-2

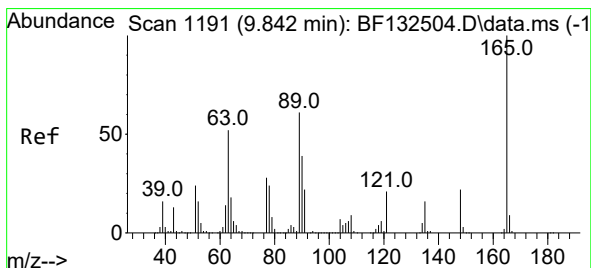
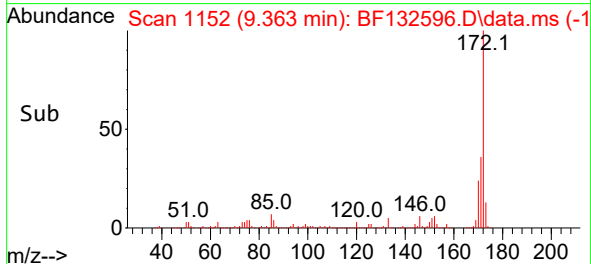
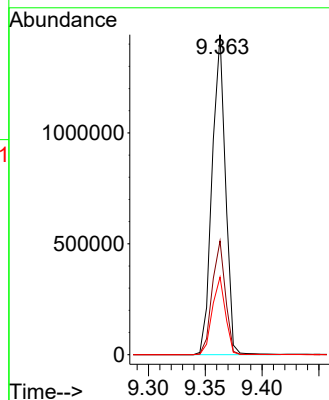
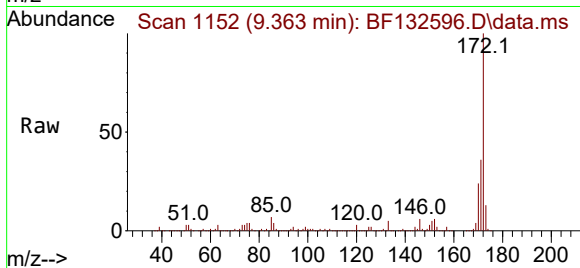
Tgt Ion:172 Resp: 1179898

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.2 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.823 ng

RT: 10.051 min Scan# 1269

Delta R.T. 0.215 min

Lab File: BF132596.D

Acq: 01 Mar 2023 17:47

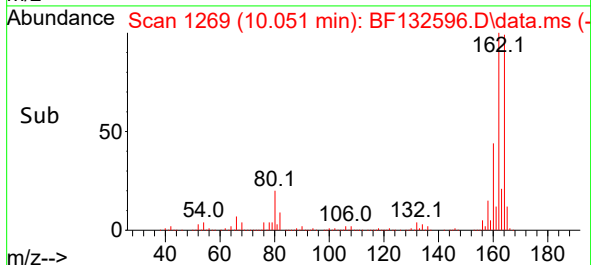
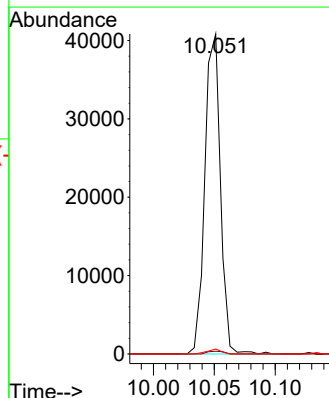
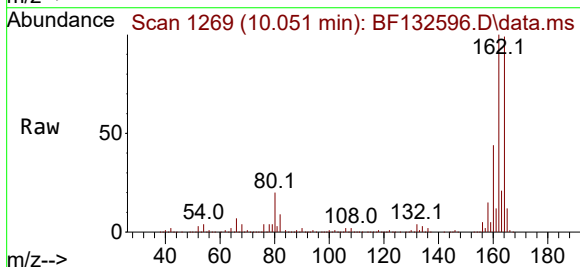
Tgt Ion:165 Resp: 36371

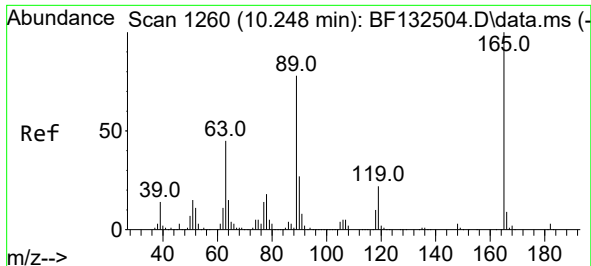
Ion Ratio Lower Upper

165 100

63 0.9 47.3 70.9#

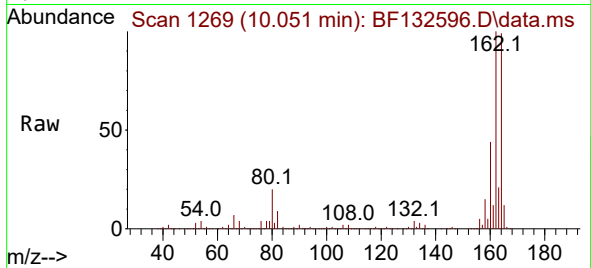
89 1.6 48.9 73.3#



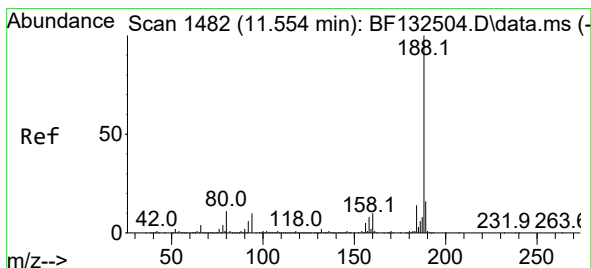
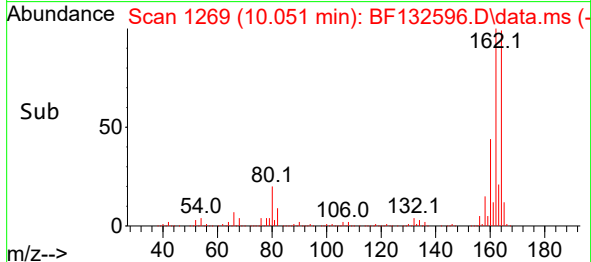
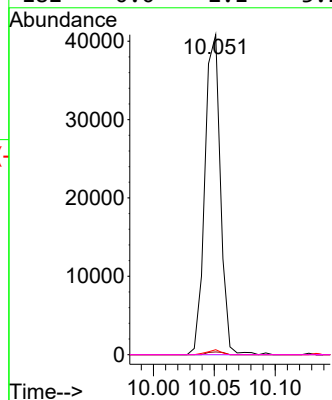


#57
2,4-Dinitrotoluene
Concen: 5.881 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.191 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-COMP-2

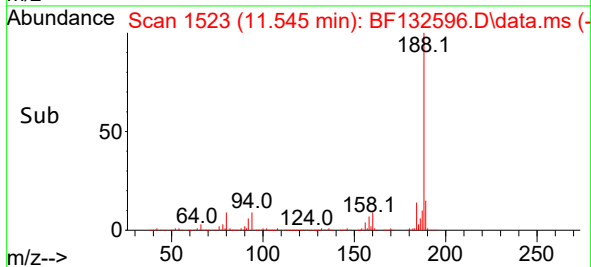
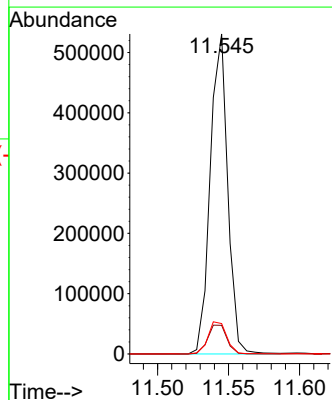
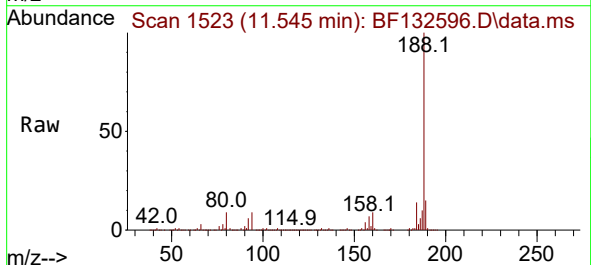


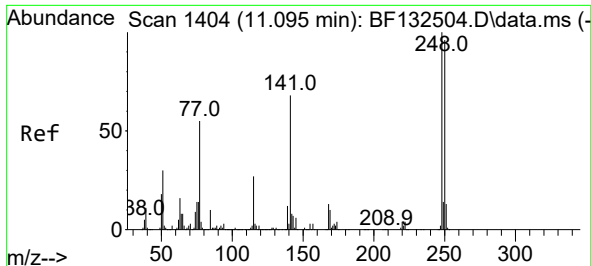
Tgt Ion:165 Resp: 36371
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.6 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

Tgt Ion:188 Resp: 453371
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 9.5 8.7 13.1

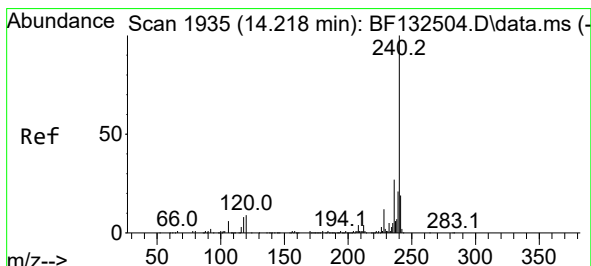
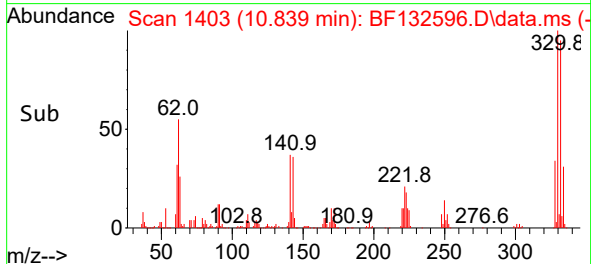
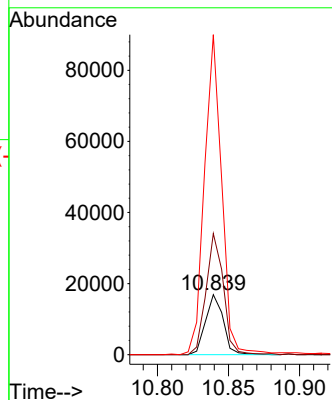
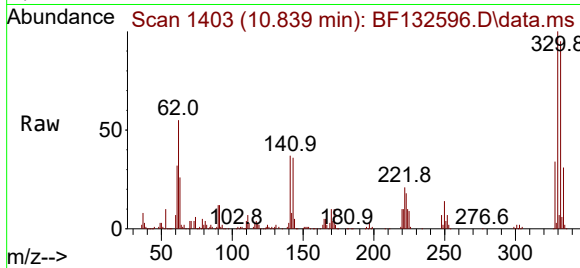




#67
4-Bromophenyl-phenylether
Concen: 2.870 ng
RT: 10.839 min Scan# 1404
Delta R.T. -0.250 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

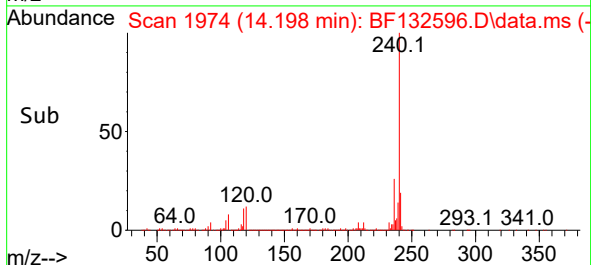
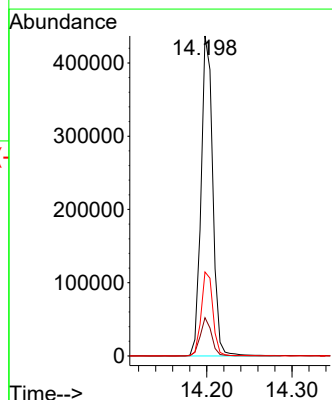
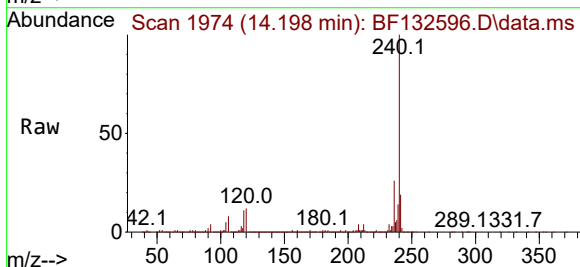
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-COMP-2

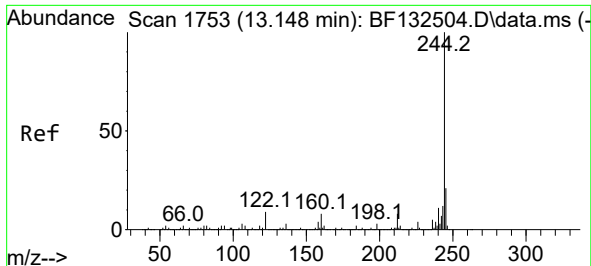
Tgt Ion:248 Resp: 14720
Ion Ratio Lower Upper
248 100
250 201.8 77.0 115.4#
141 533.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BF132596.D
Acq: 01 Mar 2023 17:47

Tgt Ion:240 Resp: 416874
Ion Ratio Lower Upper
240 100
120 12.0 7.2 10.8#
236 26.3 21.8 32.6

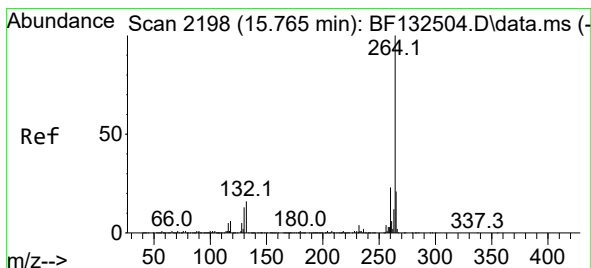
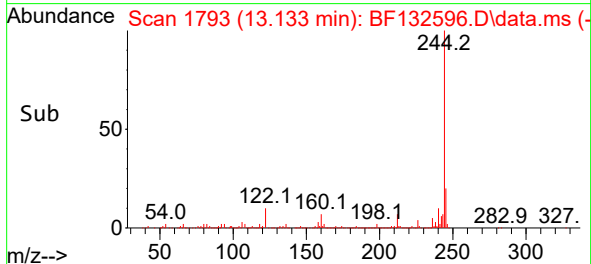
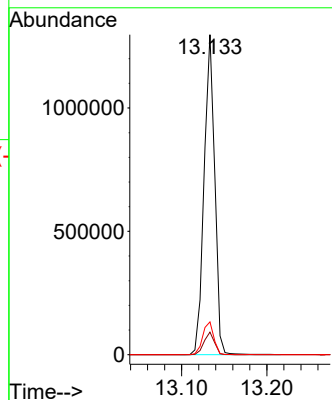
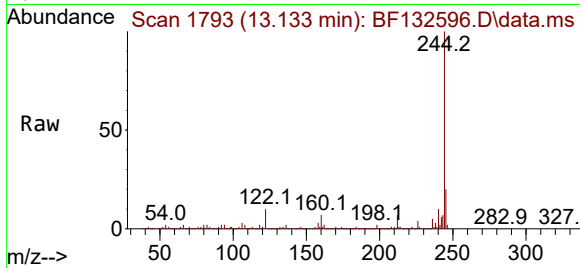




#79
 Terphenyl-d14
 Concen: 45.649 ng
 RT: 13.133 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BF132596.D
 Acq: 01 Mar 2023 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2-COMP-2

Tgt Ion:244 Resp: 1125523
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 10.3 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 2239
 Delta R.T. 0.003 min
 Lab File: BF132596.D
 Acq: 01 Mar 2023 17:47

Tgt Ion:264 Resp: 380194
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 20.6 17.1 25.7

