

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132439.D
 Acq On : 16 Feb 2023 18:11
 Operator : CG\JU
 Sample : 01539-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

Quant Time: Feb 17 04:44:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 03:08:40 2023
 Response via : Initial Calibration

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

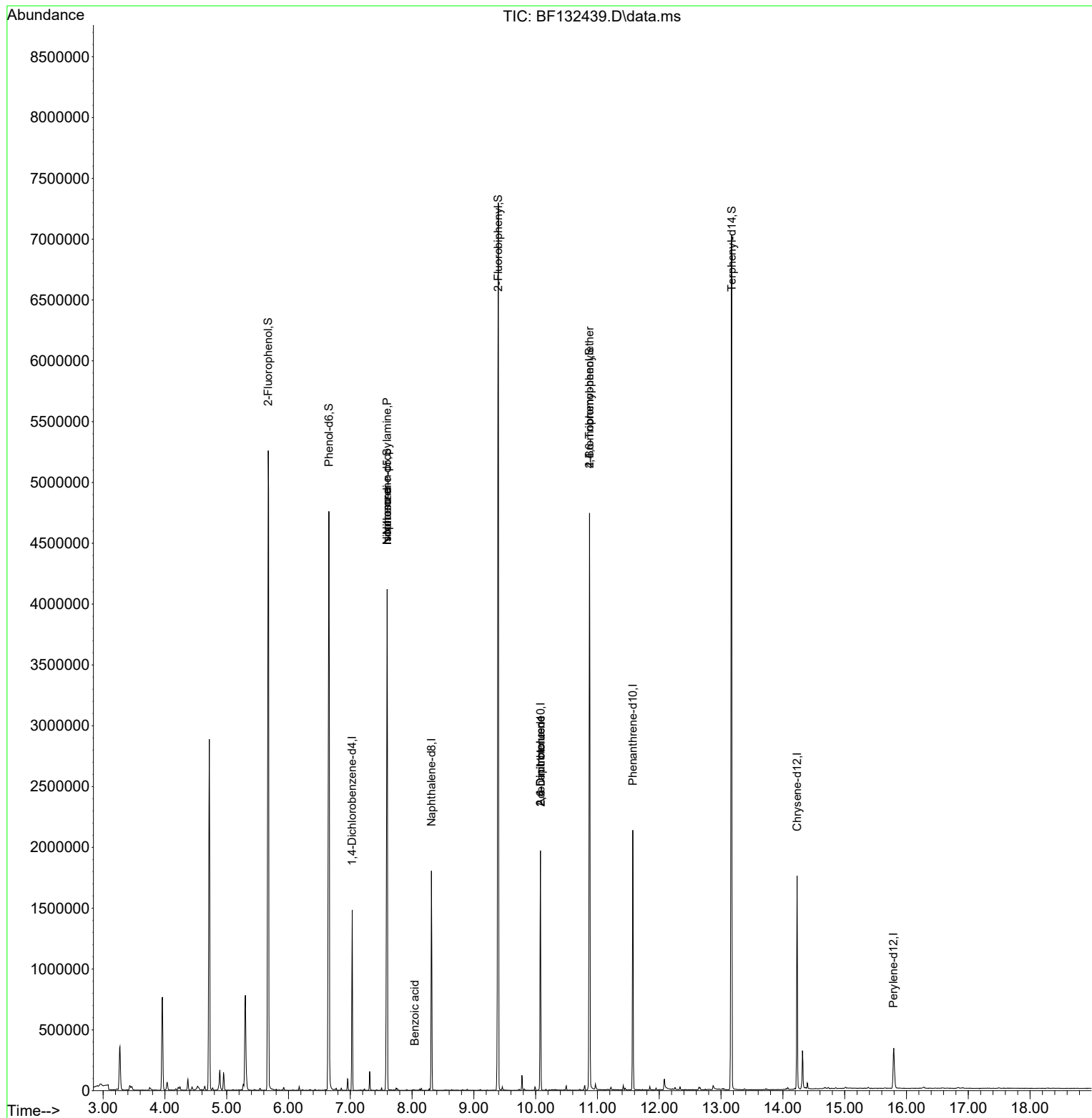
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	195018	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	720076	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	353790	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	742285	20.000	ng	0.00
76) Chrysene-d12	14.230	240	527974	20.000	ng	#-0.01
86) Perylene-d12	15.789	264	91430	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	1646909	135.318	ng	0.02
7) Phenol-d6	6.654	99	1986045	124.972	ng	0.00
23) Nitrobenzene-d5	7.595	82	1532580	102.266	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	570689	161.672	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	2250636	98.241	ng	0.00
79) Terphenyl-d14	13.171	244	2671516	92.152	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.595	70	209661	21.520	ng	# 79
25) Isophorone	7.595	82	1532564	52.043	ng	# 68
32) Benzoic acid	8.042	122	193	7.170	ng	# 63
51) 2,6-Dinitrotoluene	10.078	165	45050	7.951	ng	# 20
57) 2,4-Dinitrotoluene	10.078	165	45050	6.040	ng	# 20
67) 4-Bromophenyl-phenylether	10.872	248	38314	4.709	ng	# 1

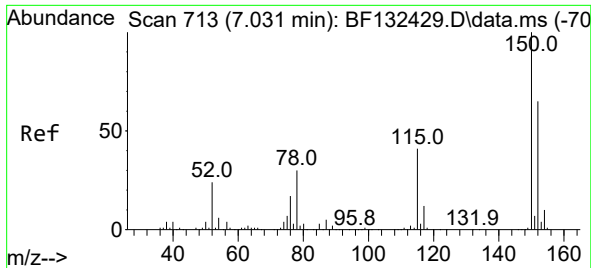
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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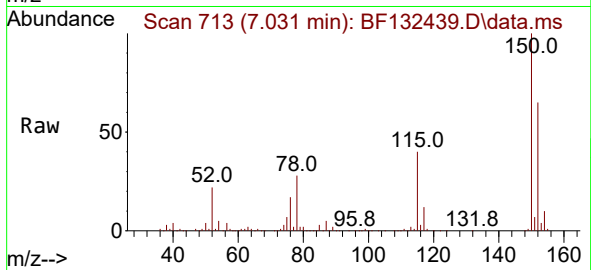
Quant Time: Feb 17 04:44:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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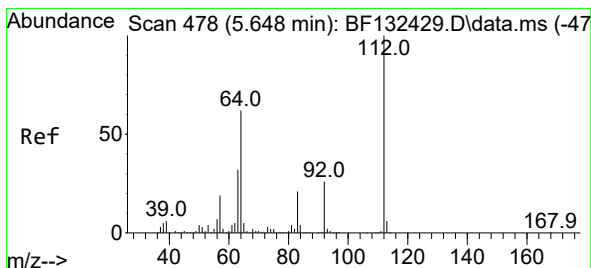
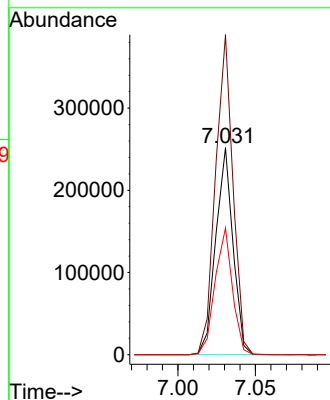
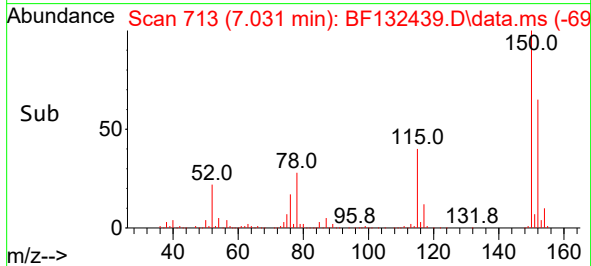


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132439.D
Acq: 16 Feb 2023 18:11

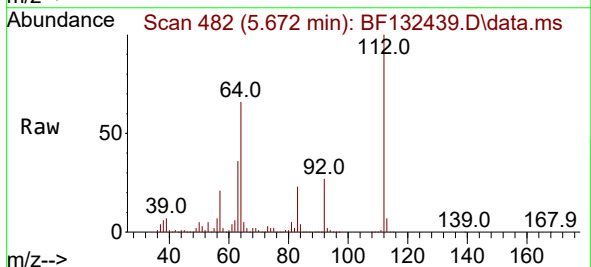
Instrument :
BNA_F
ClientSampleId :
COMP-7



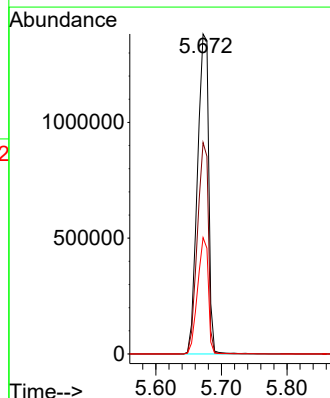
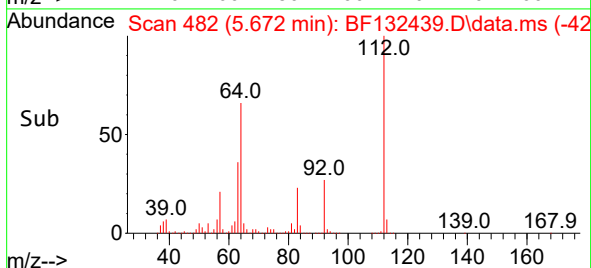
Tgt Ion:152 Resp: 195018
Ion Ratio Lower Upper
152 100
150 154.6 123.8 185.8
115 61.2 50.4 75.6

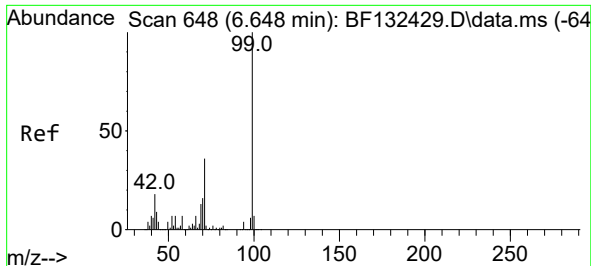


#5
2-Fluorophenol
Concen: 135.318 ng
RT: 5.672 min Scan# 482
Delta R.T. 0.024 min
Lab File: BF132439.D
Acq: 16 Feb 2023 18:11



Tgt Ion:112 Resp: 1646909
Ion Ratio Lower Upper
112 100
64 66.1 49.7 74.5
63 36.3 25.8 38.8

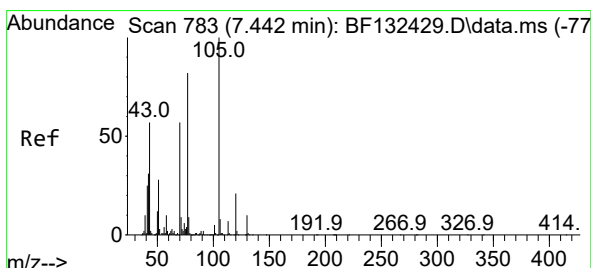
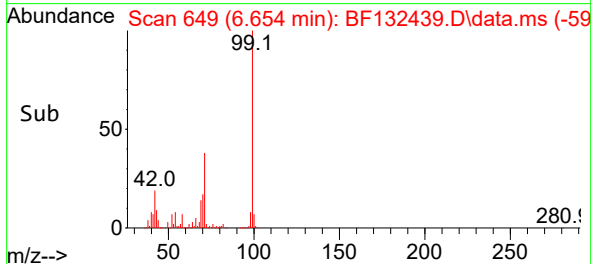
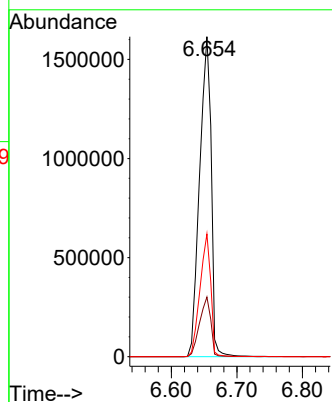
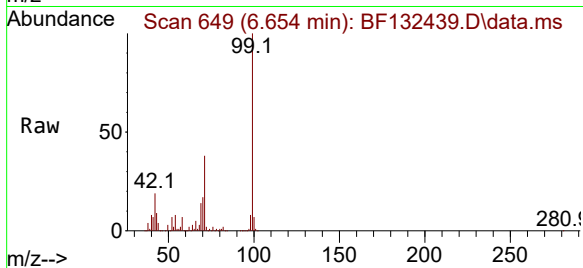




#7
Phenol-d6
Concen: 124.972 ng
RT: 6.654 min Scan# 648
Delta R.T. 0.006 min
Lab File: BF132439.D
Acq: 16 Feb 2023 18:11

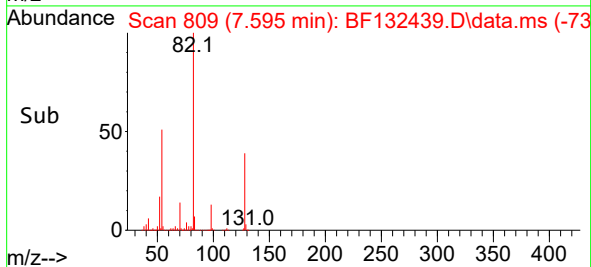
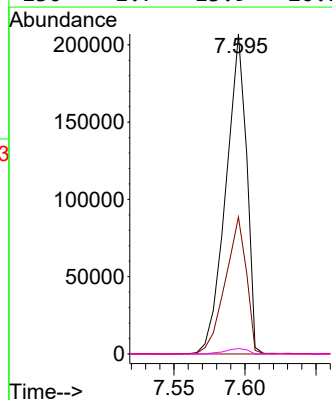
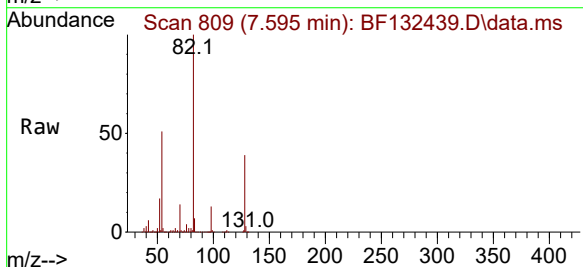
Instrument :
BNA_F
ClientSampleId :
COMP-7

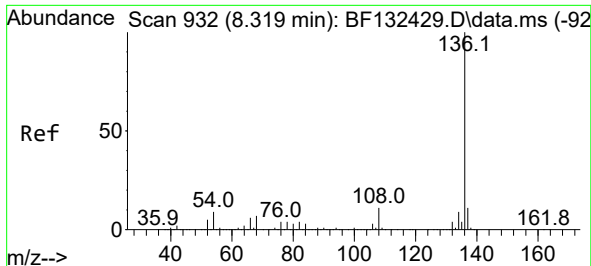
Tgt Ion: 99 Resp: 1986045
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 38.3 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.520 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.153 min
Lab File: BF132439.D
Acq: 16 Feb 2023 18:11

Tgt Ion: 70 Resp: 209661
Ion Ratio Lower Upper
70 100
42 42.8 43.5 65.3#
101 0.0 7.3 10.9#
130 1.7 13.9 20.9#

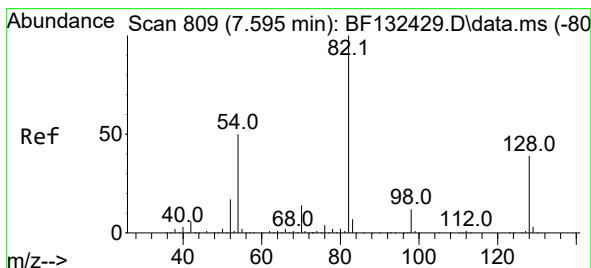
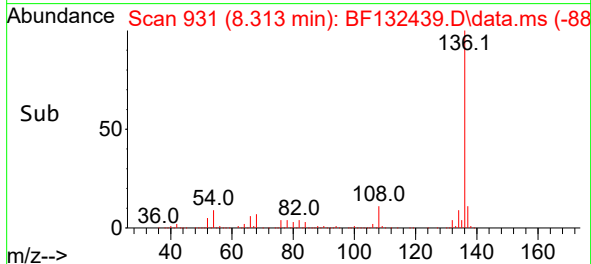
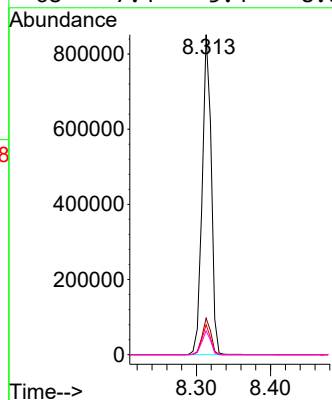
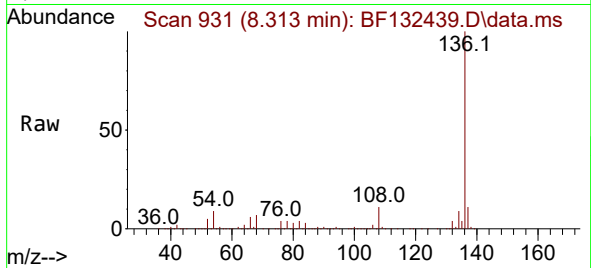




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132439.D
Acq: 16 Feb 2023 18:11

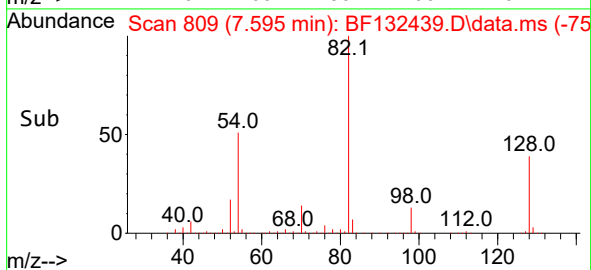
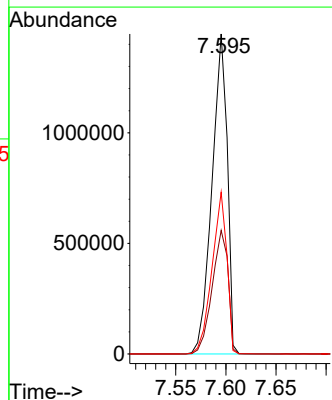
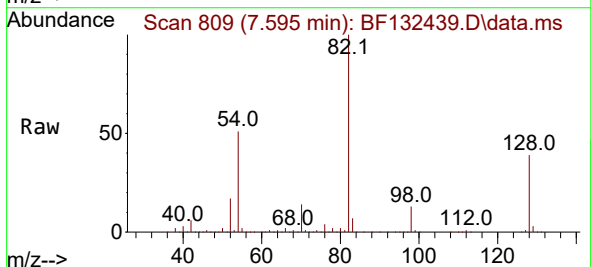
Instrument :
BNA_F
ClientSampleId :
COMP-7

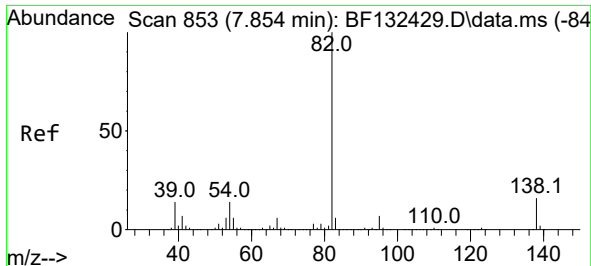
Tgt Ion:	136	Resp:	720076
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.3	6.9	10.3
68	7.4	5.4	8.0



#23
Nitrobenzene-d5
Concen: 102.266 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF132439.D
Acq: 16 Feb 2023 18:11

Tgt Ion:	82	Resp:	1532580
Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.8	46.2
54	50.5	40.2	60.4

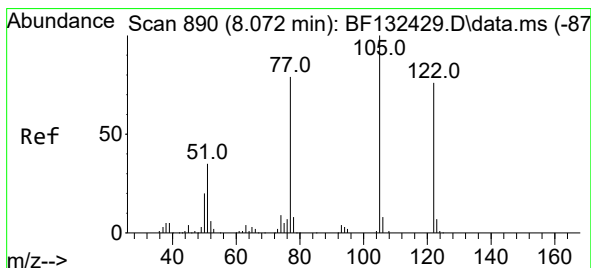
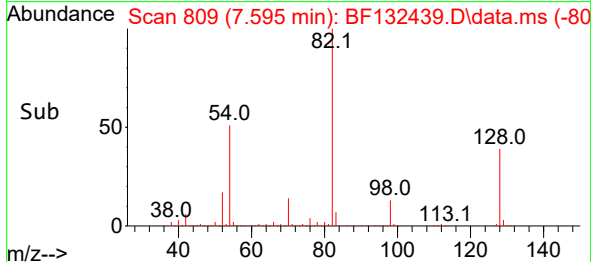
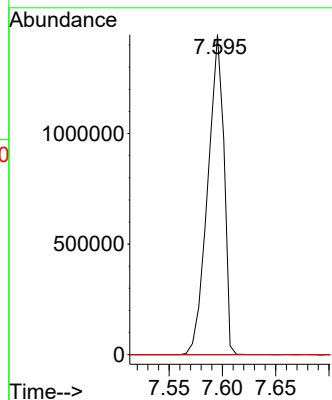
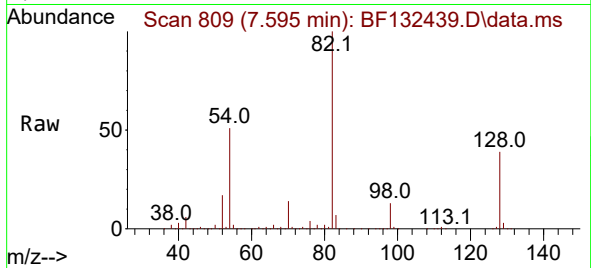




#25
Isophorone
Concen: 52.043 ng
RT: 7.595 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132439.D
Acq: 16 Feb 2023 18:11

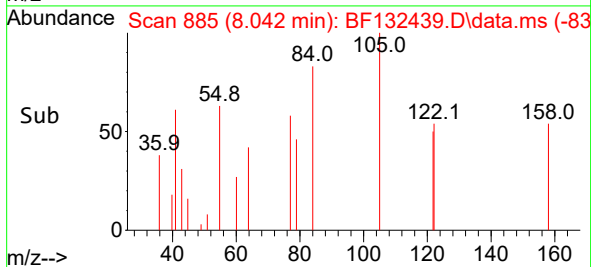
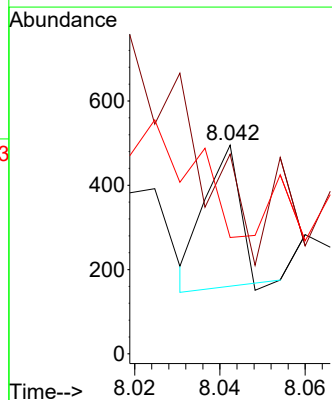
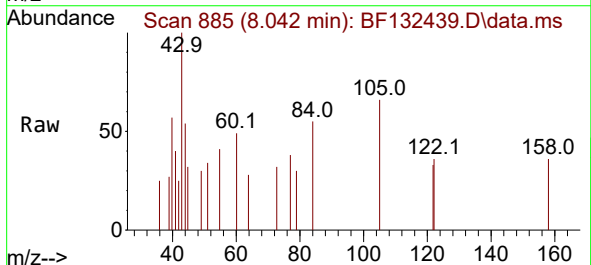
Instrument :
BNA_F
ClientSampleId :
COMP-7

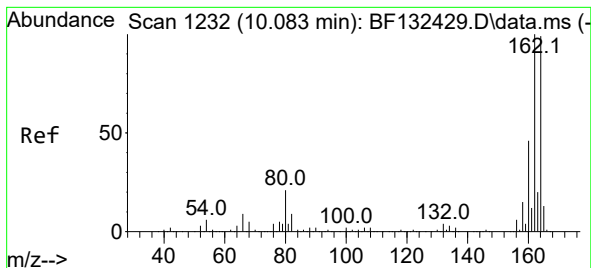
Tgt Ion: 82 Resp: 1532564
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.170 ng
RT: 8.042 min Scan# 885
Delta R.T. -0.030 min
Lab File: BF132439.D
Acq: 16 Feb 2023 18:11

Tgt Ion:122 Resp: 193
Ion Ratio Lower Upper
122 100
105 95.8 109.7 149.7#
77 55.8 83.8 123.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.078 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132439.D

Acq: 16 Feb 2023 18:11

Instrument :

BNA_F

ClientSampleId :

COMP-7

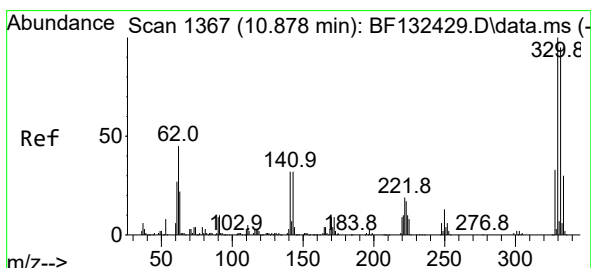
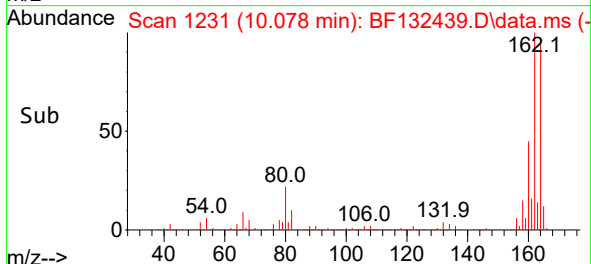
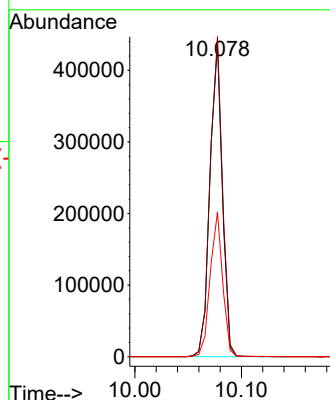
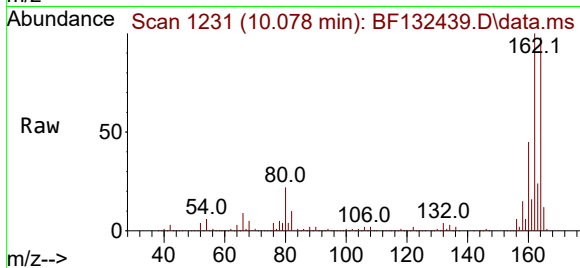
Tgt Ion:164 Resp: 353790

Ion Ratio Lower Upper

164 100

162 102.5 80.8 121.2

160 46.4 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 161.672 ng

RT: 10.872 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF132439.D

Acq: 16 Feb 2023 18:11

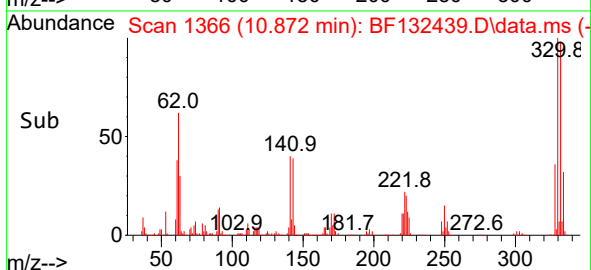
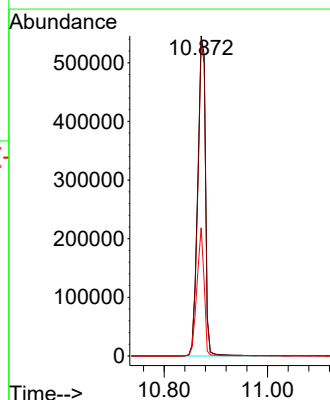
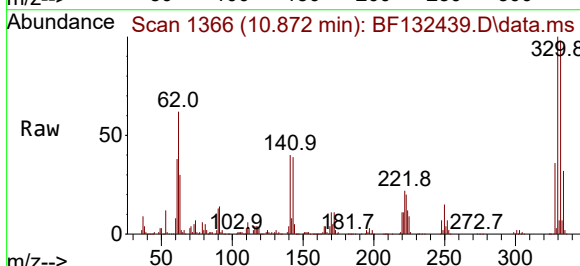
Tgt Ion:330 Resp: 570689

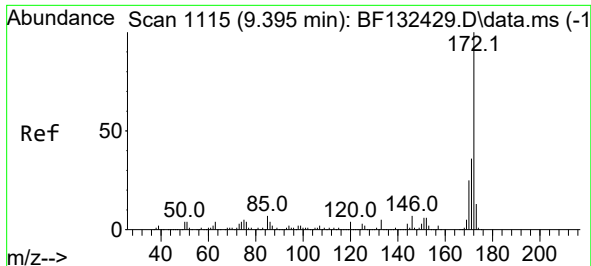
Ion Ratio Lower Upper

330 100

332 96.6 76.3 114.5

141 37.0 30.3 45.5





#45

2-Fluorobiphenyl

Concen: 98.241 ng

RT: 9.395 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF132439.D

Acq: 16 Feb 2023 18:11

Instrument :

BNA_F

ClientSampleId :

COMP-7

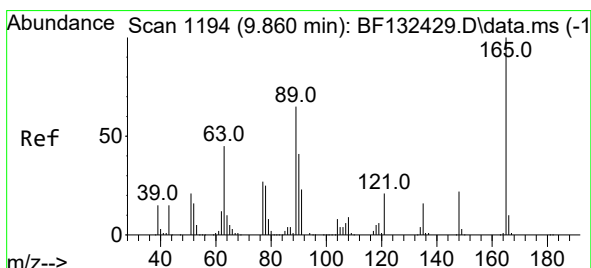
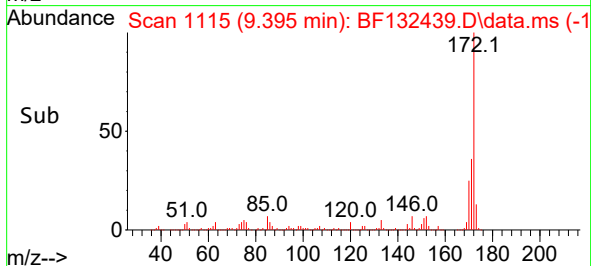
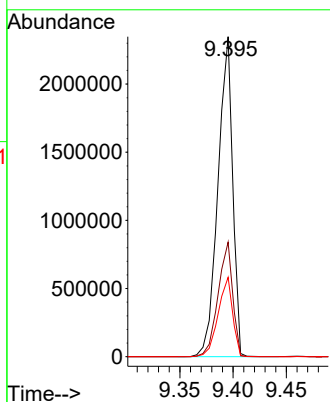
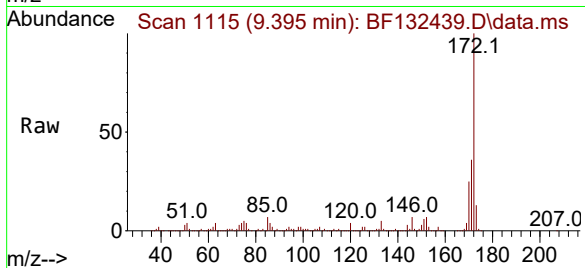
Tgt Ion:172 Resp: 2250636

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 24.8 19.9 29.9



#51

2,6-Dinitrotoluene

Concen: 7.951 ng

RT: 10.078 min Scan# 1231

Delta R.T. 0.218 min

Lab File: BF132439.D

Acq: 16 Feb 2023 18:11

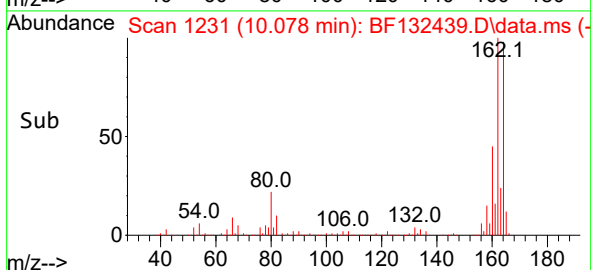
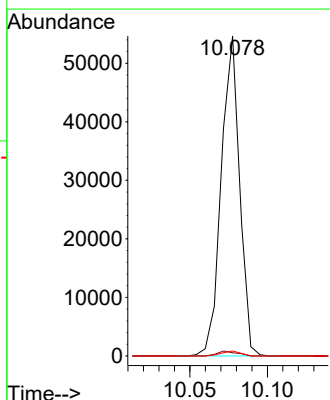
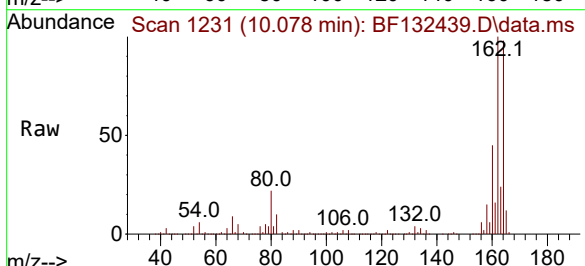
Tgt Ion:165 Resp: 45050

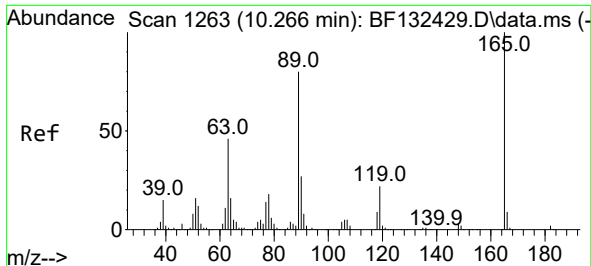
Ion Ratio Lower Upper

165 100

63 1.0 50.4 75.6#

89 1.5 52.2 78.2#

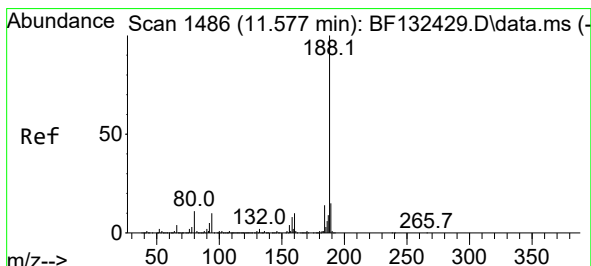
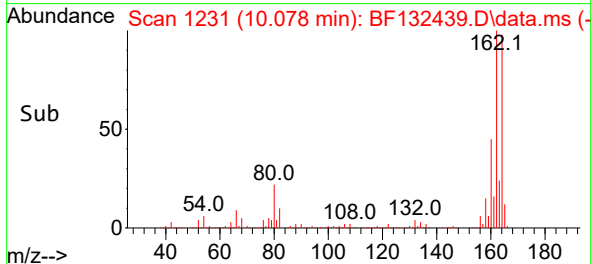
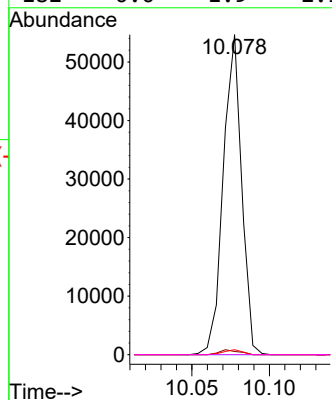
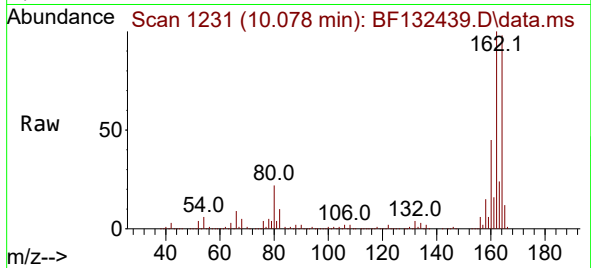




#57
2,4-Dinitrotoluene
Concen: 6.040 ng
RT: 10.078 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132439.D
Acq: 16 Feb 2023 18:11

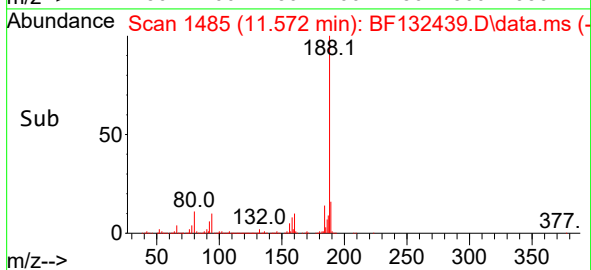
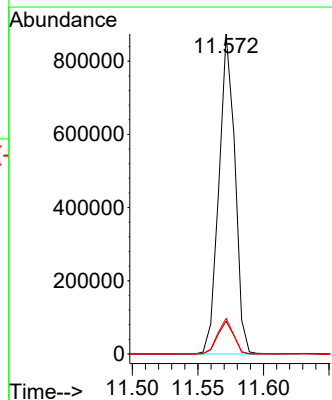
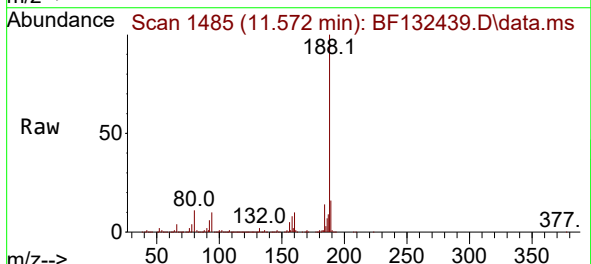
Instrument :
BNA_F
ClientSampleId :
COMP-7

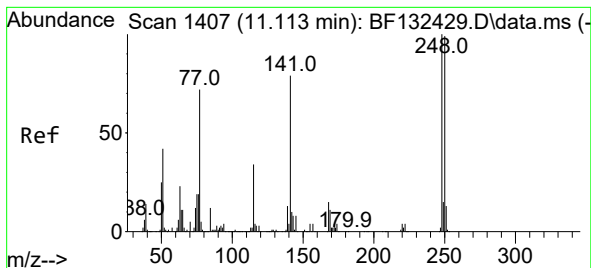
Tgt Ion:165 Resp: 45050
Ion Ratio Lower Upper
165 100
63 1.0 37.1 55.7#
89 1.5 63.6 95.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF132439.D
Acq: 16 Feb 2023 18:11

Tgt Ion:188 Resp: 742285
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 11.1 8.6 12.8





#67

4-Bromophenyl-phenylether

Concen: 4.709 ng

RT: 10.872 min Scan# 1366

Delta R.T. -0.241 min

Lab File: BF132439.D

Acq: 16 Feb 2023 18:11

Instrument :

BNA_F

ClientSampleId :

COMP-7

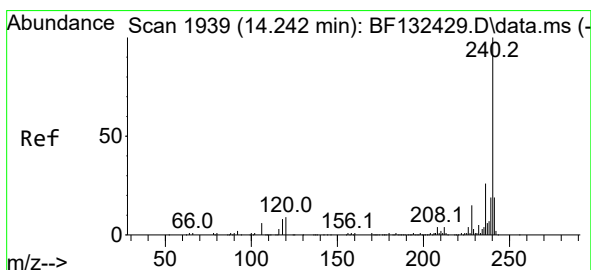
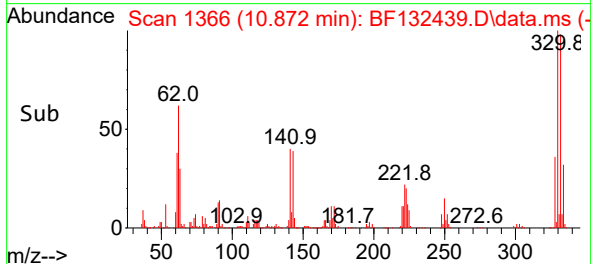
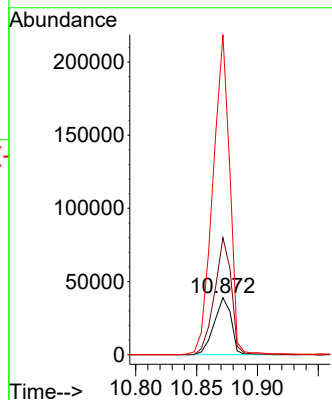
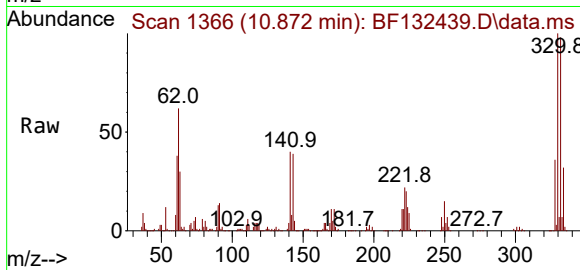
Tgt Ion:248 Resp: 38314

Ion Ratio Lower Upper

248 100

250 205.3 79.0 118.4#

141 561.4 63.3 94.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.230 min Scan# 1937

Delta R.T. -0.012 min

Lab File: BF132439.D

Acq: 16 Feb 2023 18:11

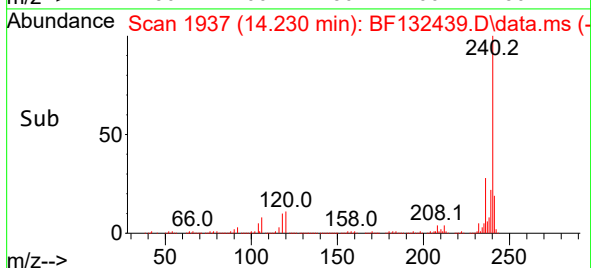
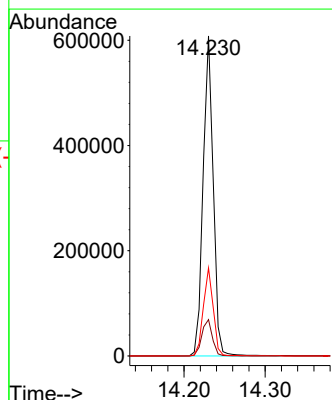
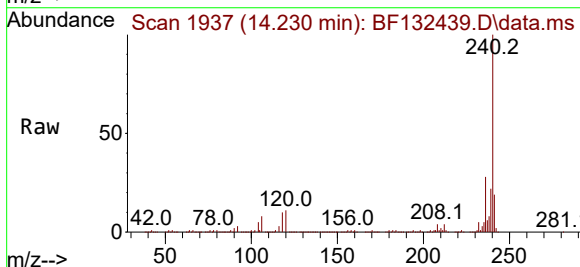
Tgt Ion:240 Resp: 527974

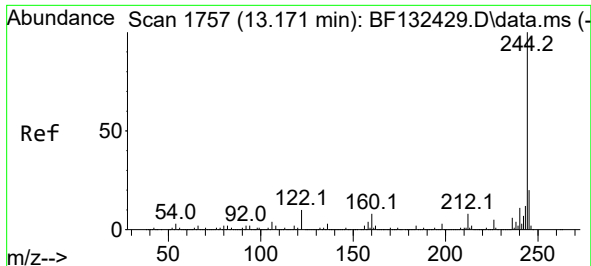
Ion Ratio Lower Upper

240 100

120 11.4 7.5 11.3#

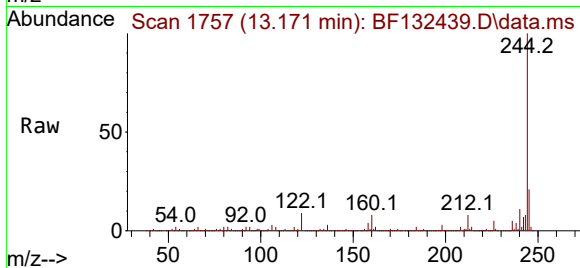
236 27.5 21.0 31.6



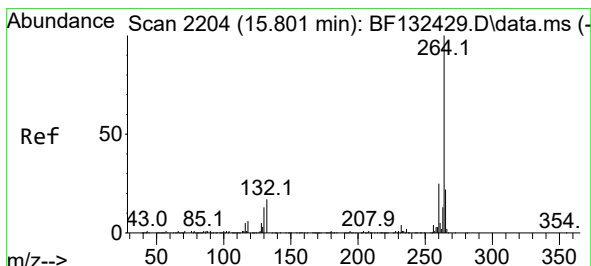
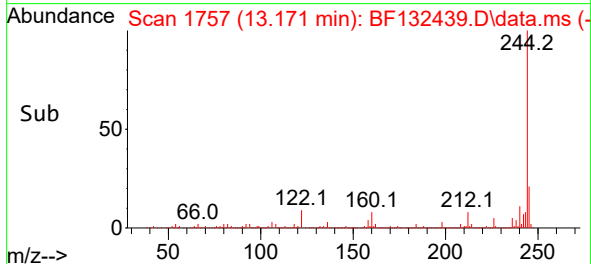
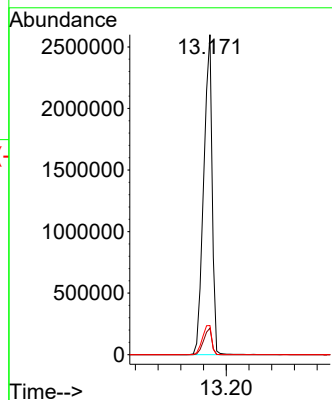


#79
 Terphenyl-d14
 Concen: 92.152 ng
 RT: 13.171 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132439.D
 Acq: 16 Feb 2023 18:11

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7



Tgt Ion:244 Resp: 2671516
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.7 10.1
 122 9.1 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.789 min Scan# 2202
 Delta R.T. -0.012 min
 Lab File: BF132439.D
 Acq: 16 Feb 2023 18:11

Tgt Ion:264 Resp: 91430
 Ion Ratio Lower Upper
 264 100
 260 33.7 20.0 30.0#
 265 19.0 17.2 25.8

