

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132346.D
 Acq On : 07 Feb 2023 16:01
 Operator : CG\JU
 Sample : 01466-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2

Quant Time: Feb 08 03:58:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

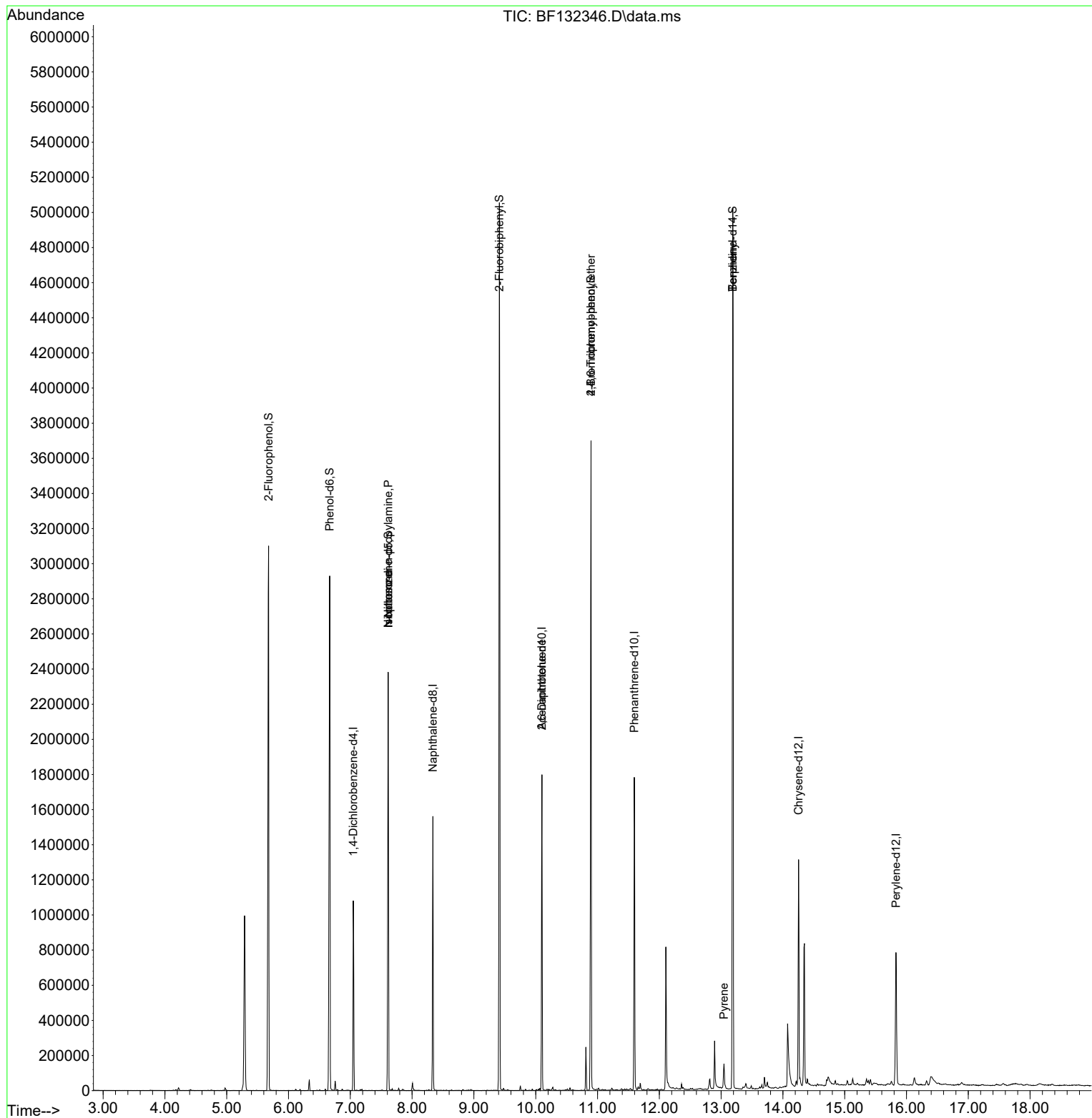
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	166776	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	638832	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	340820	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	651314	20.000	ng	0.00
76) Chrysene-d12	14.254	240	402574	20.000	ng	-0.01
86) Perylene-d12	15.830	264	361204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1087961	104.858	ng	0.01
7) Phenol-d6	6.666	99	1345052	105.152	ng	0.00
23) Nitrobenzene-d5	7.613	82	799989	69.685	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	480607	137.126	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1531088	69.373	ng	0.00
79) Terphenyl-d14	13.189	244	1835450	88.195	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.601	77	325	Below Cal	#	87
19) n-Nitroso-di-n-propyla...	7.613	70	97649	13.439	ng	# 76
25) Isophorone	7.613	82	799967	36.714	ng	# 64
51) 2,6-Dinitrotoluene	10.101	165	43577	8.184	ng	# 24
67) 4-Bromophenyl-phenylether	10.895	248	27053	4.056	ng	# 1
77) Benzidine	13.189	184	29753	2.114	ng	# 94
78) Pyrene	13.048	202	69140	2.135	ng	99

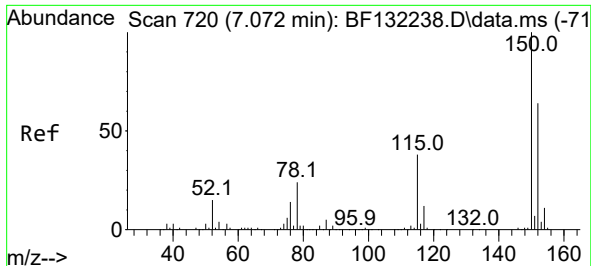
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 08 03:58:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:05:36 2023
Response via : Initial Calibration

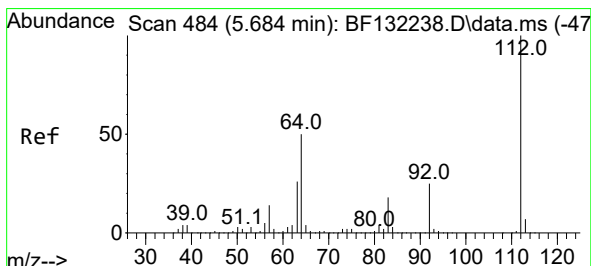
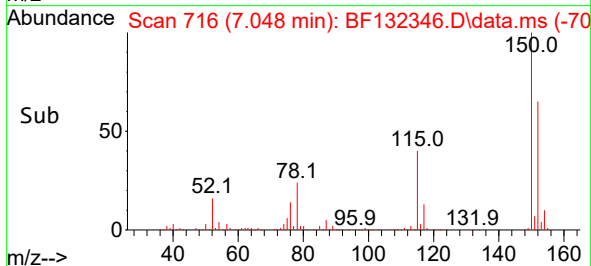
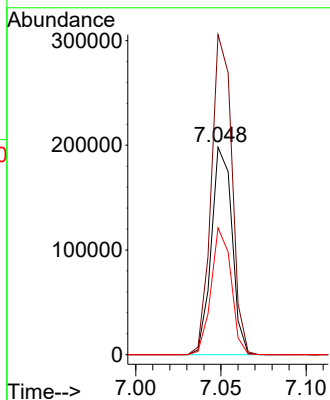
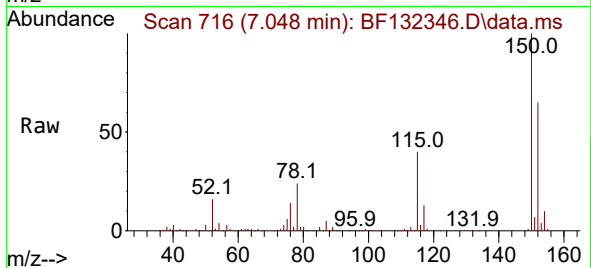




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

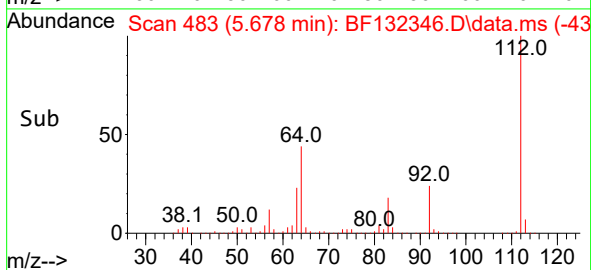
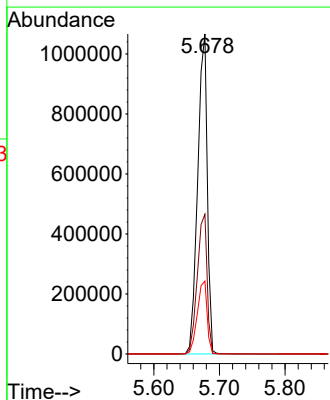
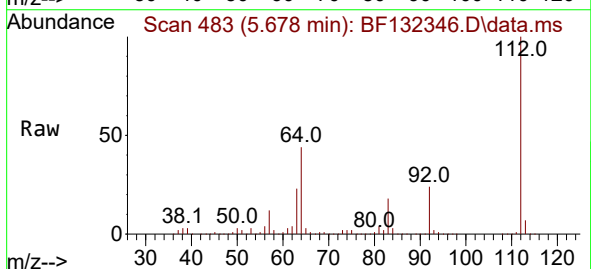
Instrument :
BNA_F
ClientSampleId :
A-2

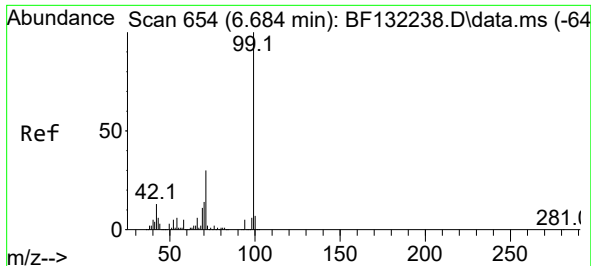
Tgt Ion:152 Resp: 166776
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.2
115 61.2 47.3 70.9



#5
2-Fluorophenol
Concen: 104.858 ng
RT: 5.678 min Scan# 483
Delta R.T. 0.012 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Tgt Ion:112 Resp: 1087961
Ion Ratio Lower Upper
112 100
64 43.7 40.0 60.0
63 22.8 20.5 30.7

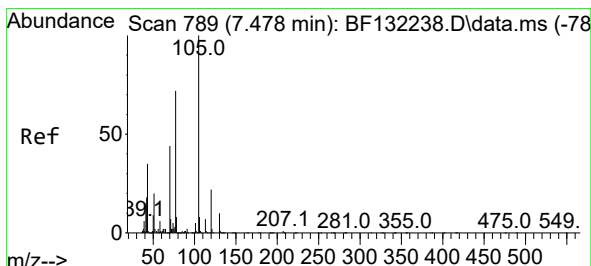
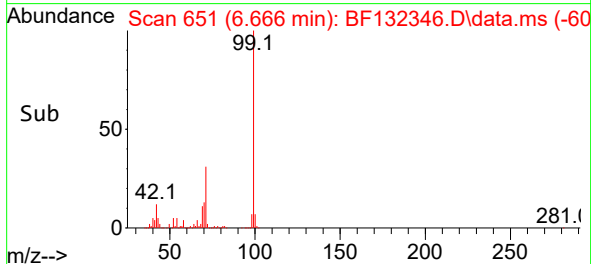
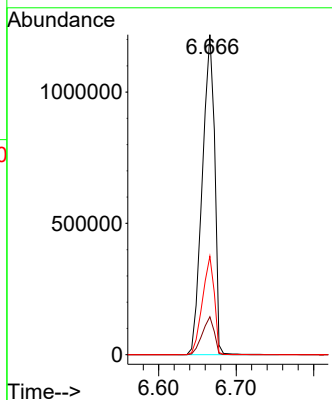
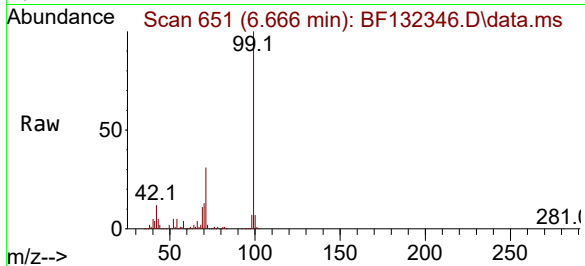




#7
Phenol-d6
Concen: 105.152 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

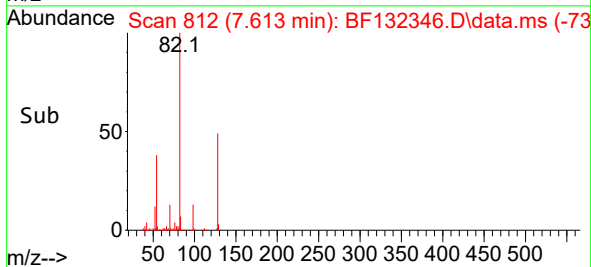
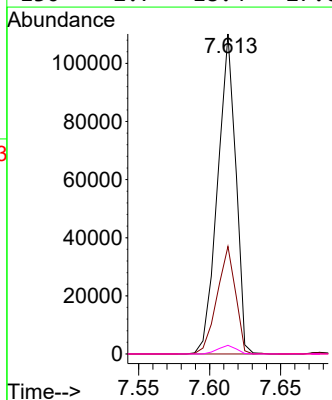
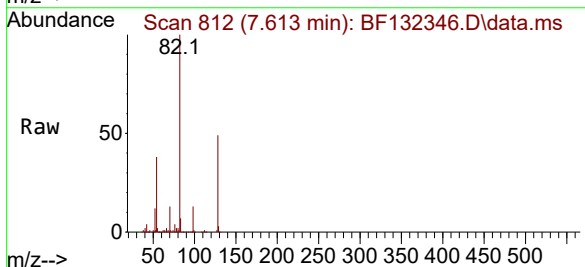
Instrument :
BNA_F
ClientSampleId :
A-2

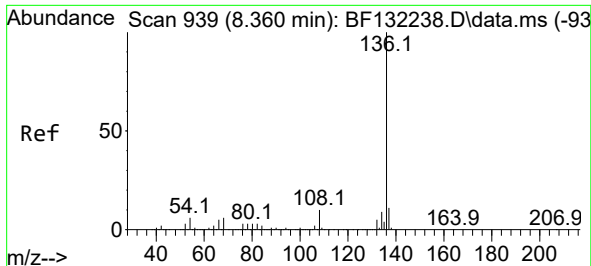
Tgt Ion: 99 Resp: 1345052
Ion Ratio Lower Upper
99 100
42 11.9 10.1 15.1
71 30.8 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.439 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.153 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Tgt Ion: 70 Resp: 97649
Ion Ratio Lower Upper
70 100
42 33.6 33.4 50.0
101 0.0 8.2 12.4#
130 2.7 18.4 27.6#



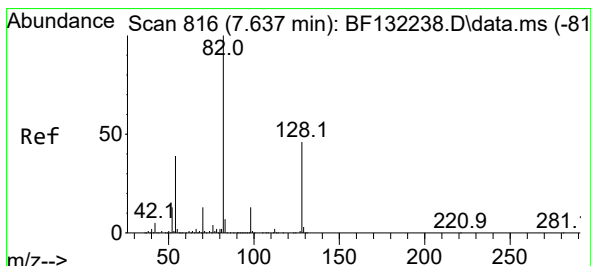
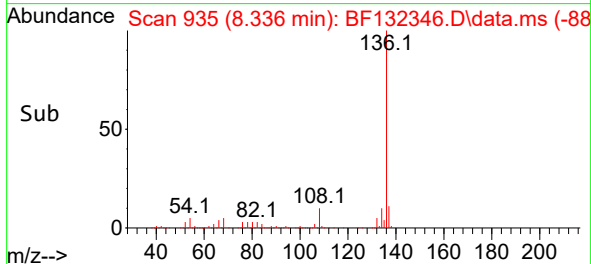
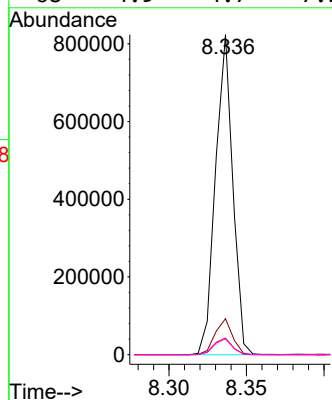
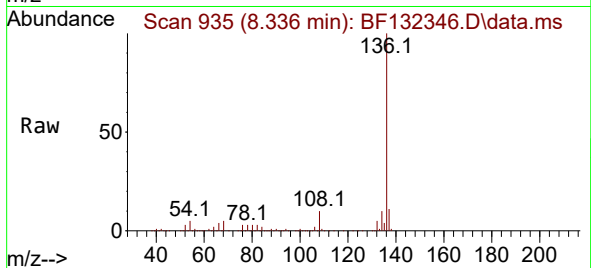


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Instrument :
BNA_F
ClientSampleId :
A-2

Tgt Ion:136 Resp: 638832

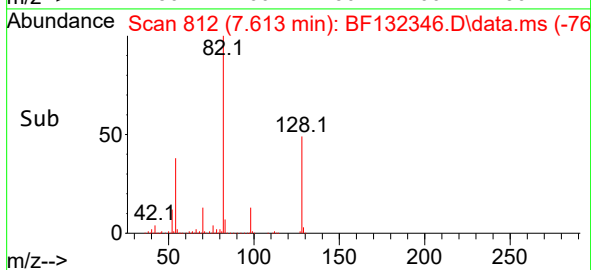
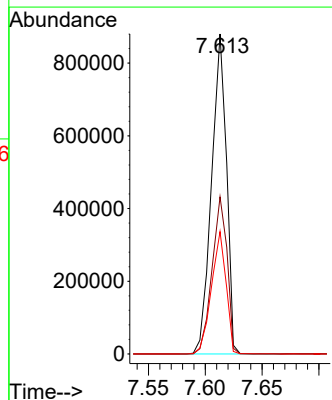
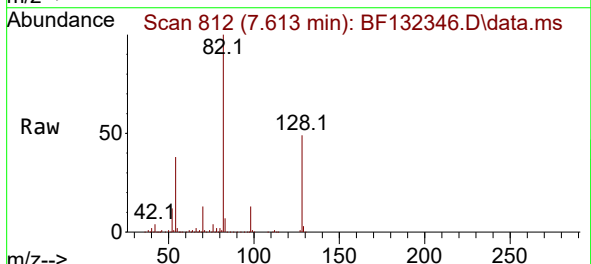
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	5.2	4.9	7.3
68	4.9	4.7	7.1

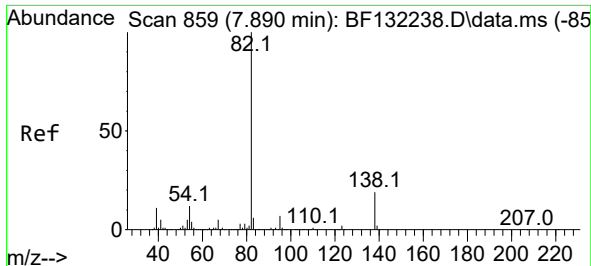


#23
Nitrobenzene-d5
Concen: 69.685 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Tgt Ion: 82 Resp: 799989

Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.0	55.4
54	38.2	31.5	47.3

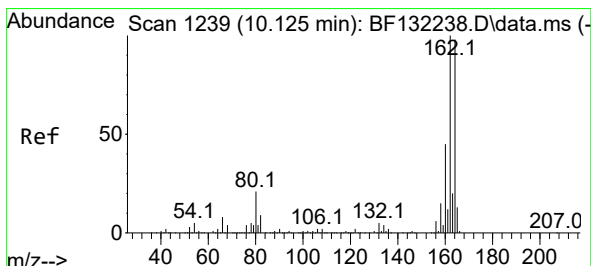
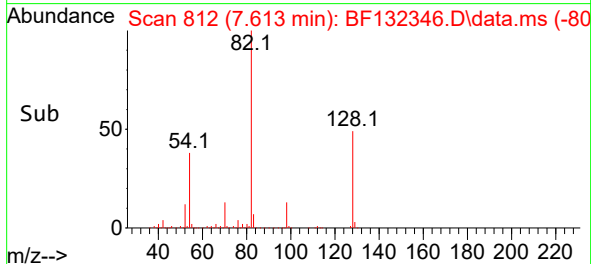
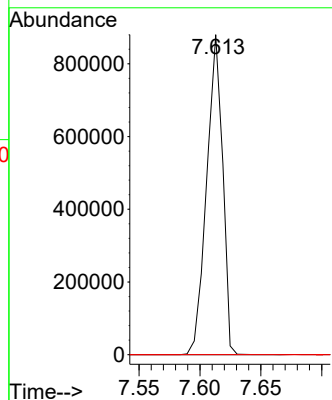
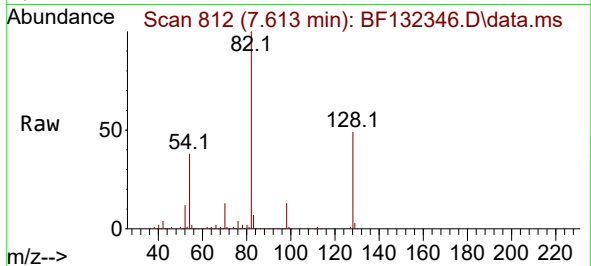




#25
Isophorone
Concen: 36.714 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

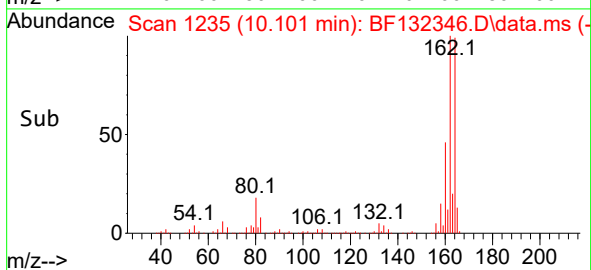
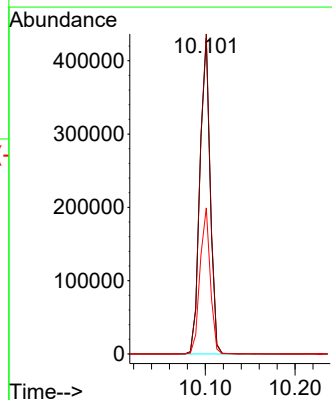
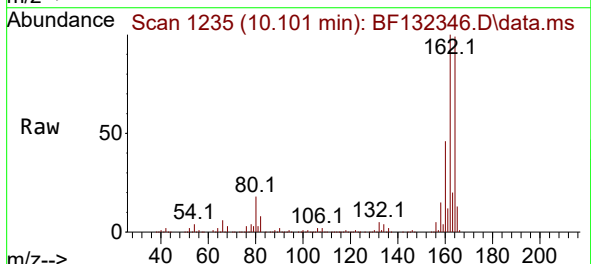
Instrument :
BNA_F
ClientSampleId :
A-2

Tgt Ion: 82 Resp: 799967
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Tgt Ion: 164 Resp: 340820
Ion Ratio Lower Upper
164 100
162 101.4 82.0 123.0
160 46.3 37.1 55.7

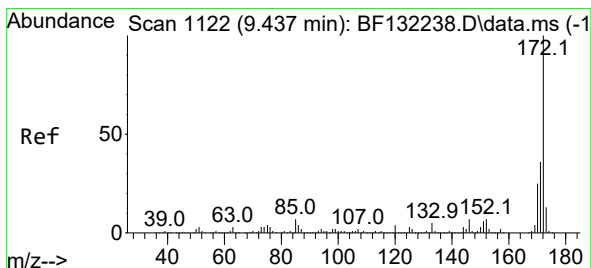
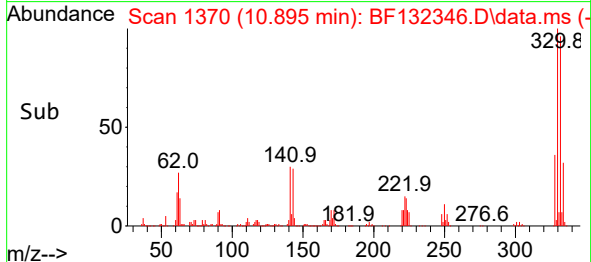
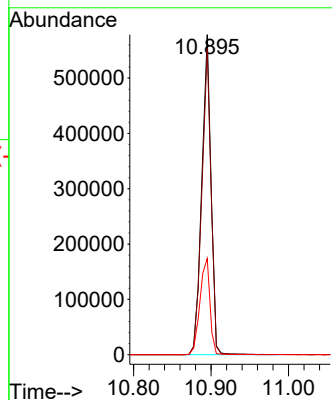
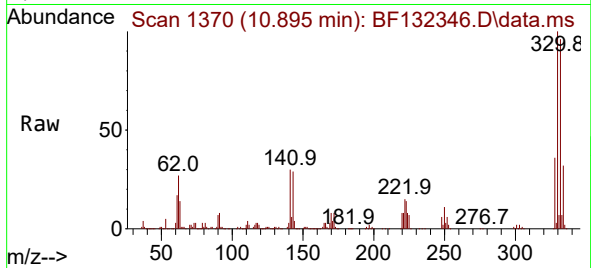




#42
2,4,6-Tribromophenol
Concen: 137.126 ng
RT: 10.895 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

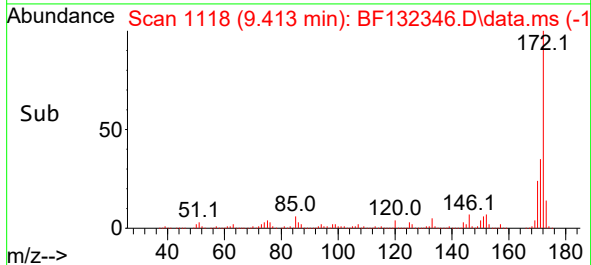
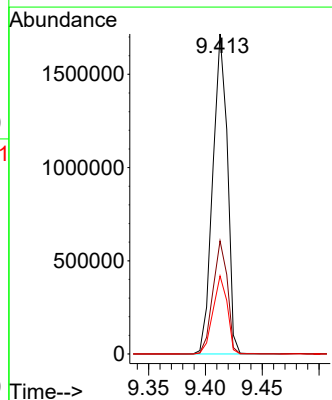
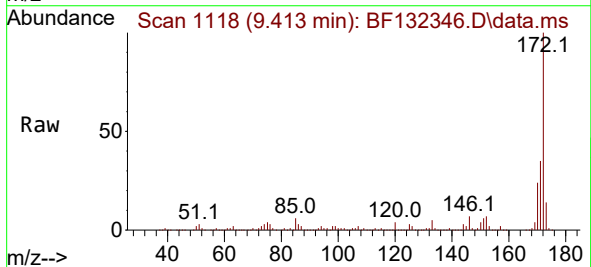
Instrument :
BNA_F
ClientSampleId :
A-2

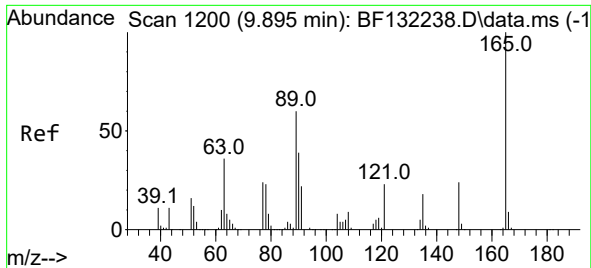
Tgt Ion:330 Resp: 480607
Ion Ratio Lower Upper
330 100
332 95.7 77.9 116.9
141 32.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 69.373 ng
RT: 9.413 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Tgt Ion:172 Resp: 1531088
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.4 19.7 29.5

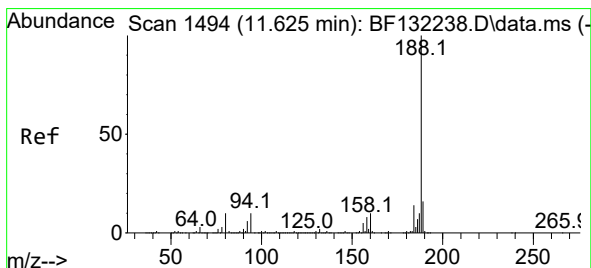
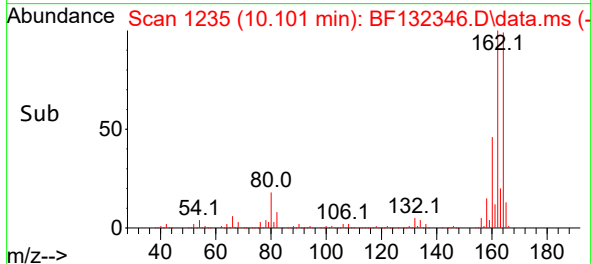
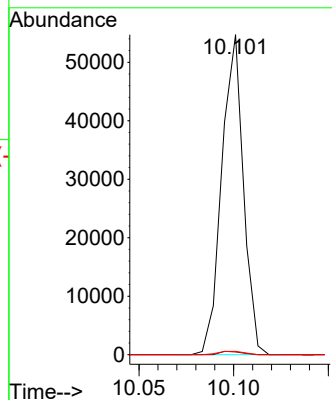
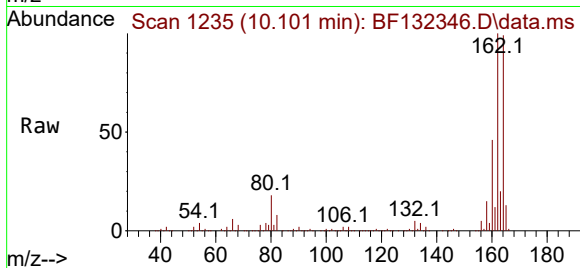




#51
2,6-Dinitrotoluene
Concen: 8.184 ng
RT: 10.101 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

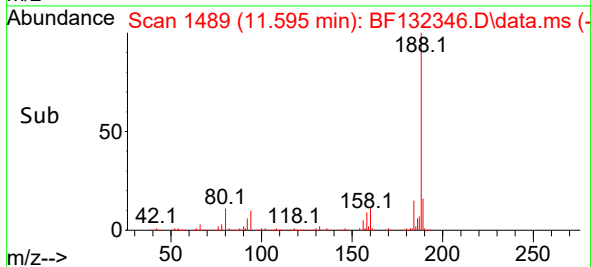
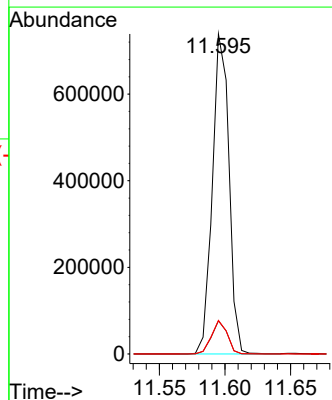
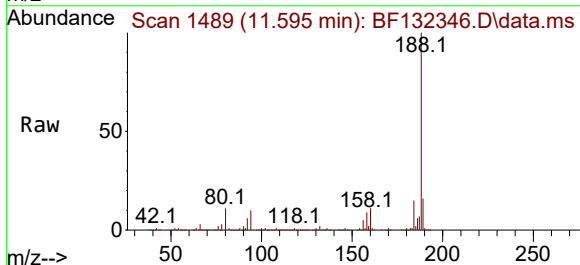
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A-2

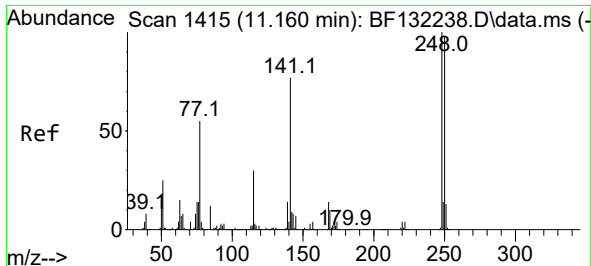
Tgt Ion:165 Resp: 43577
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.1 48.1 72.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Tgt Ion:188 Resp: 651314
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 10.5 8.3 12.5

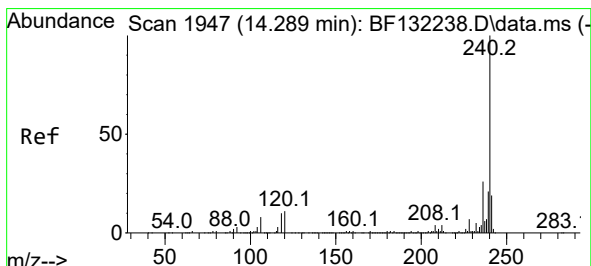
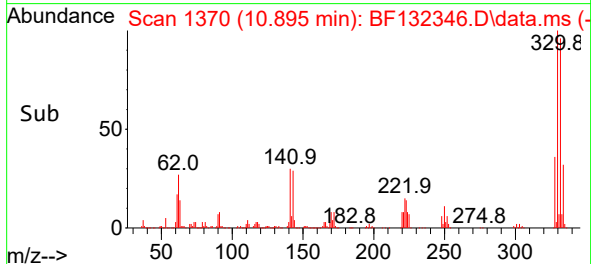
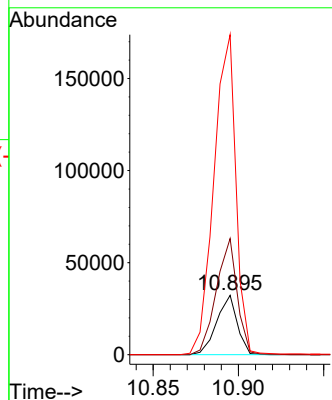
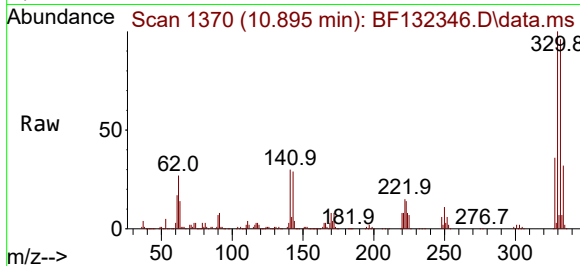




#67
4-Bromophenyl-phenylether
Concen: 4.056 ng
RT: 10.895 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

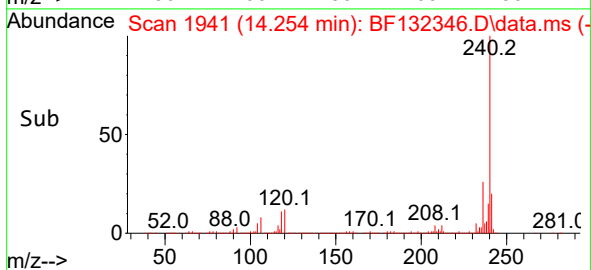
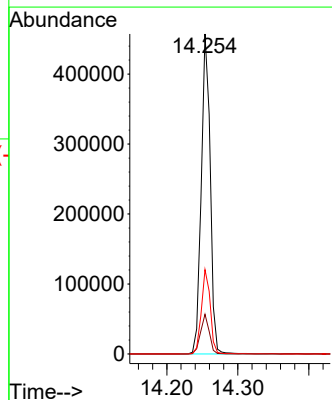
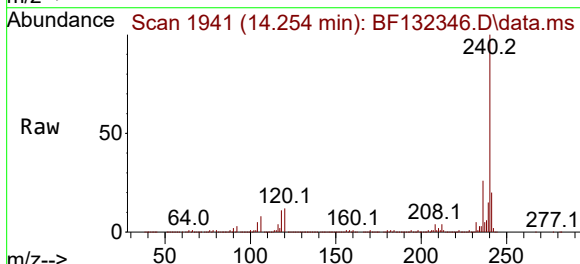
Instrument :
BNA_F
ClientSampleId :
A-2

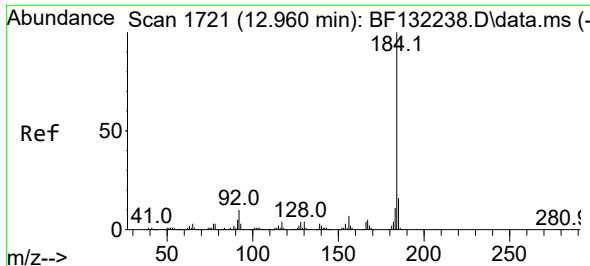
Tgt Ion:248 Resp: 27053
Ion Ratio Lower Upper
248 100
250 195.4 78.6 117.8#
141 538.5 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Tgt Ion:240 Resp: 402574
Ion Ratio Lower Upper
240 100
120 12.4 8.8 13.2
236 26.4 21.0 31.6

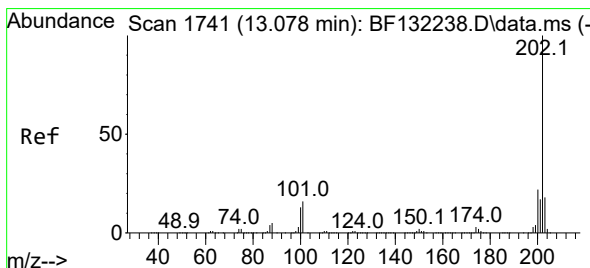
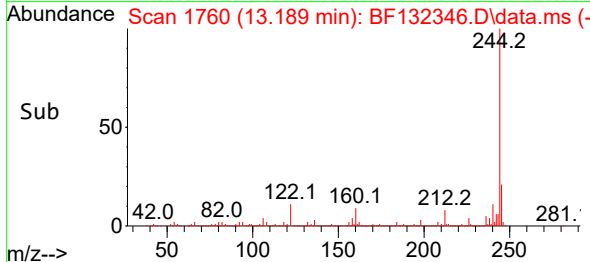
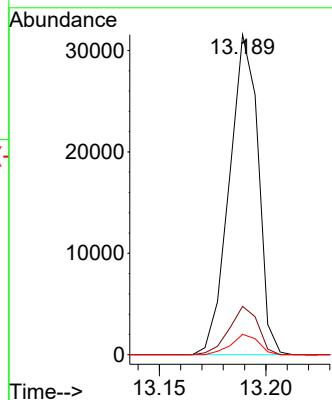
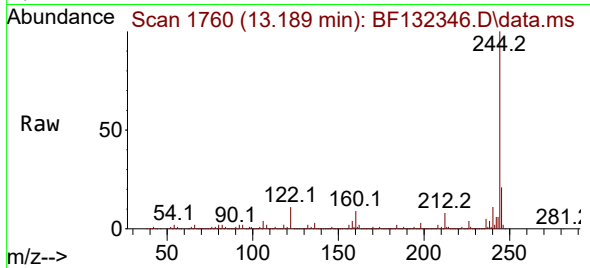




#77
Benzidine
Concen: 2.114 ng
RT: 13.189 min Scan# 1736
Delta R.T. 0.247 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

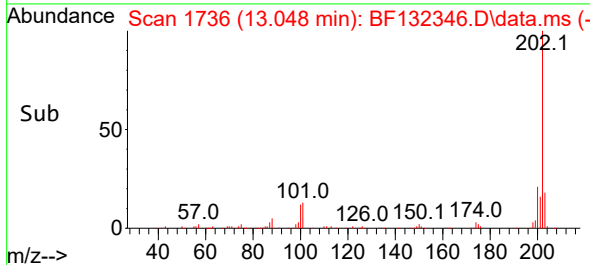
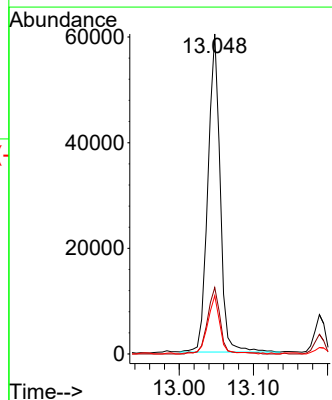
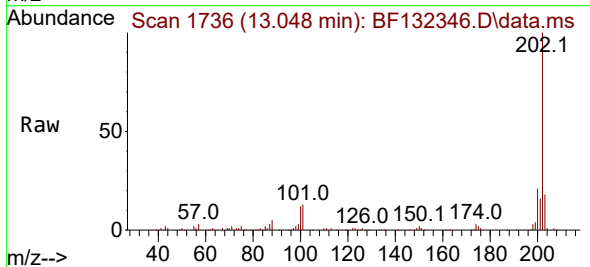
Instrument :
BNA_F
ClientSampleId :
A-2

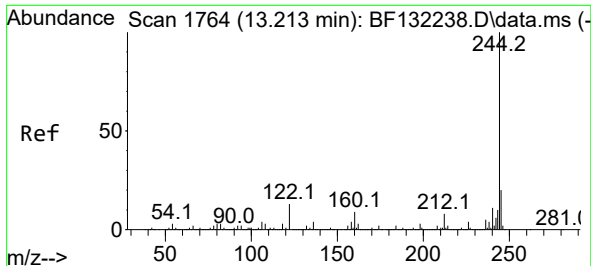
Tgt Ion:184 Resp: 29753
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 6.4 8.9 13.3#



#78
Pyrene
Concen: 2.135 ng
RT: 13.048 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Tgt Ion:202 Resp: 69140
Ion Ratio Lower Upper
202 100
200 20.7 17.3 25.9
203 18.2 14.4 21.6

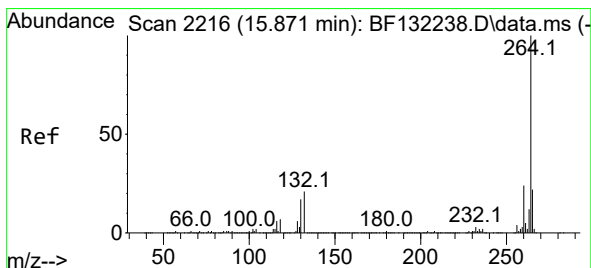
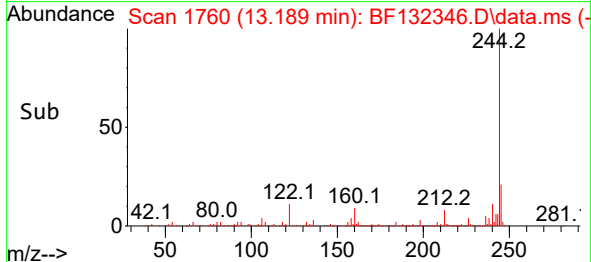
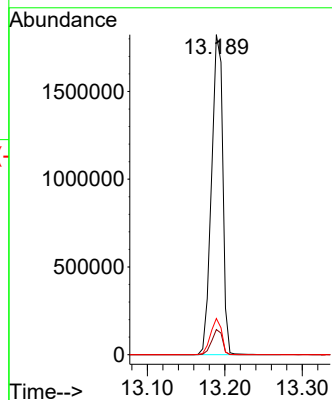
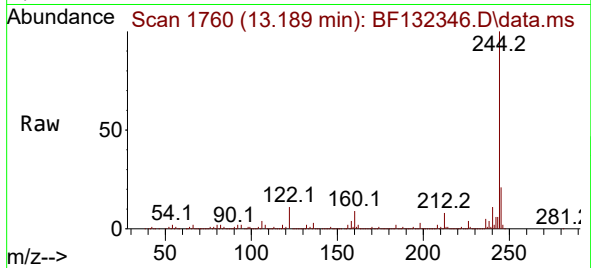




#79
 Terphenyl-d14
 Concen: 88.195 ng
 RT: 13.189 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132346.D
 Acq: 07 Feb 2023 16:01

Instrument :
 BNA_F
 ClientSampleId :
 A-2

Tgt Ion:244 Resp: 1835450
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 11.3 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.830 min Scan# 2209
 Delta R.T. -0.006 min
 Lab File: BF132346.D
 Acq: 07 Feb 2023 16:01

Tgt Ion:264 Resp: 361204
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 22.0 17.4 26.2

