

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132296.D
 Acq On : 02 Feb 2023 17:27
 Operator : CG\JU
 Sample : 01363-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-WC

Quant Time: Feb 03 00:23:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

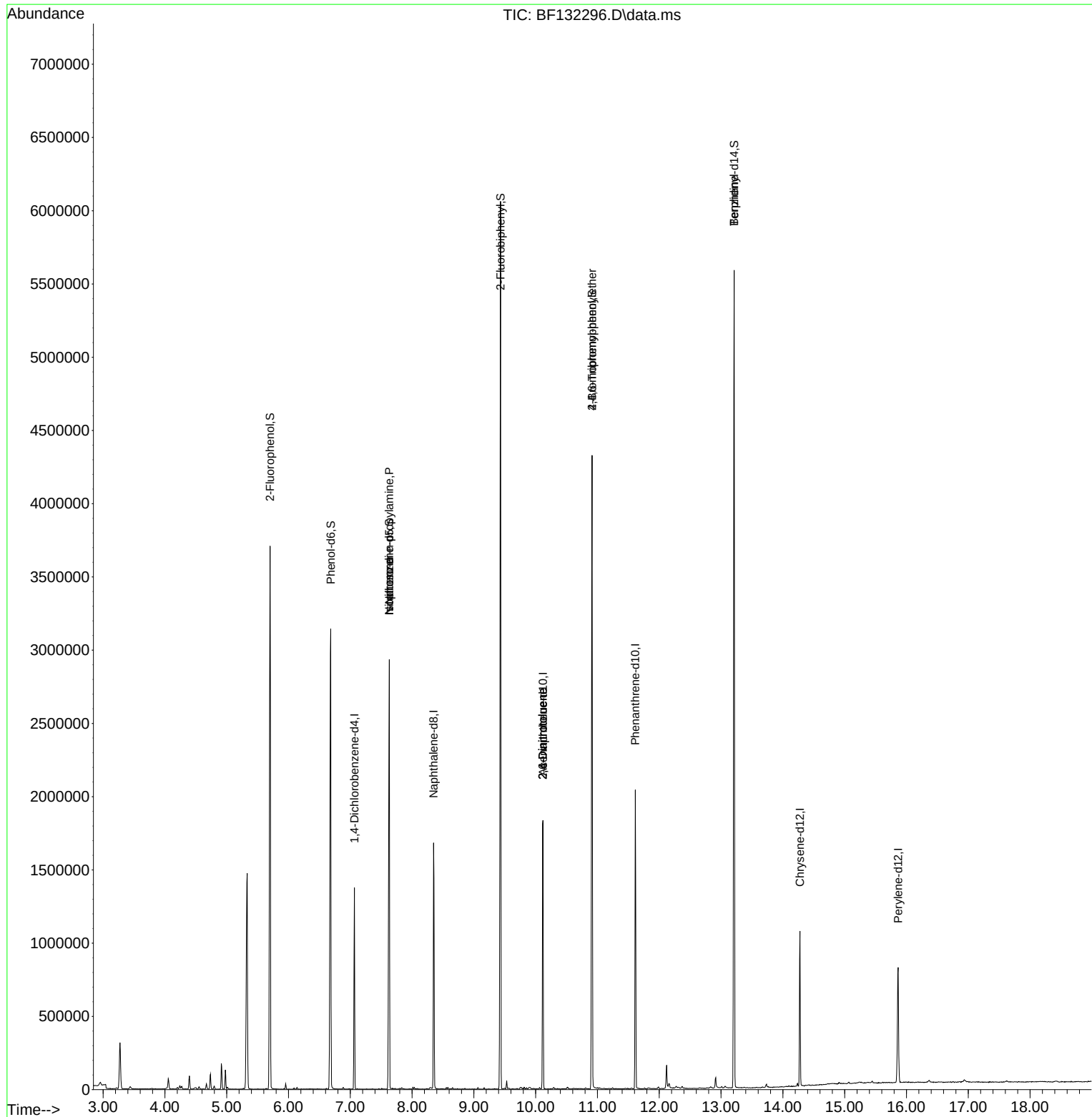
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	198250	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	752761	20.000	ng	-0.01
39) Acenaphthene-d10	10.119	164	393062	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	714712	20.000	ng	-0.01
76) Chrysene-d12	14.277	240	336710	20.000	ng	-0.01
86) Perylene-d12	15.865	264	377460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1307678	106.026	ng	0.02
7) Phenol-d6	6.684	99	1462708	96.195	ng	0.00
23) Nitrobenzene-d5	7.631	82	1073812	79.381	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	577399	142.846	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1889779	74.245	ng	0.00
79) Terphenyl-d14	13.213	244	2000900	114.952	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.619	77	317	Below Cal	#	70
19) n-Nitroso-di-n-propyla...	7.631	70	135597	15.699	ng	# 76
25) Isophorone	7.631	82	1073800	41.823	ng	# 64
51) 2,6-Dinitrotoluene	10.113	165	51180	8.335	ng	# 24
57) 2,4-Dinitrotoluene	10.113	165	51180	6.416	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	33289	4.549	ng	# 1
77) Benzydine	13.213	184	31901	2.710	ng	# 94

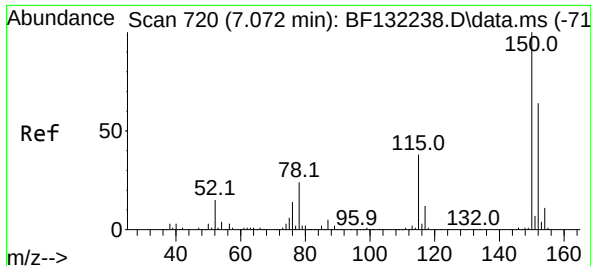
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :
TP-1-WC

Quant Time: Feb 03 00:23:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

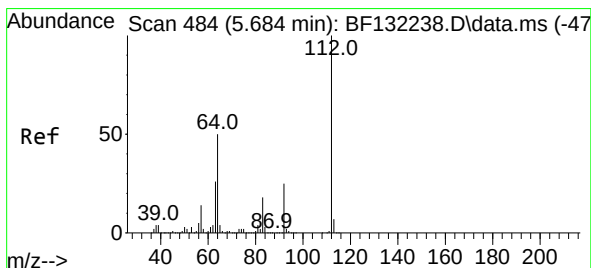
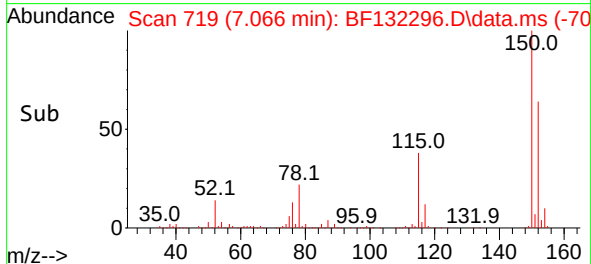
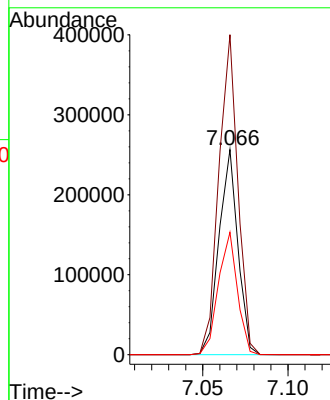
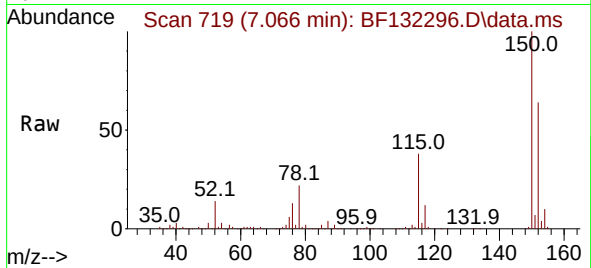




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132296.D
 Acq: 02 Feb 2023 17:27

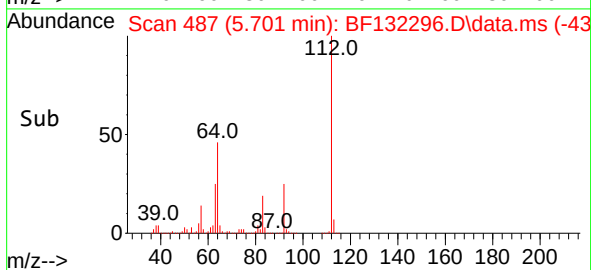
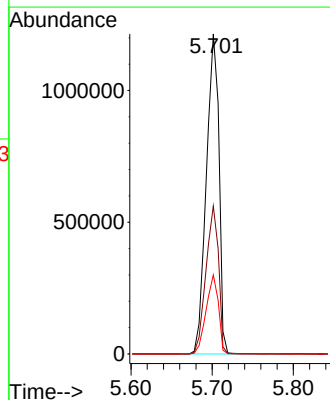
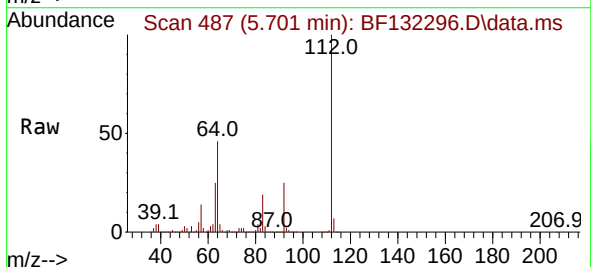
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-WC

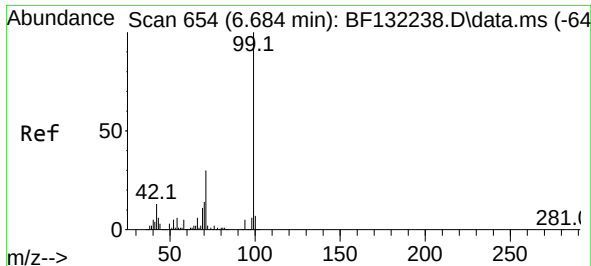
Tgt Ion:152 Resp: 198250
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.2 186.2
 115 59.7 47.3 70.9



#5
 2-Fluorophenol
 Concen: 106.026 ng
 RT: 5.701 min Scan# 487
 Delta R.T. 0.017 min
 Lab File: BF132296.D
 Acq: 02 Feb 2023 17:27

Tgt Ion:112 Resp: 1307678
 Ion Ratio Lower Upper
 112 100
 64 46.2 40.0 60.0
 63 24.7 20.5 30.7



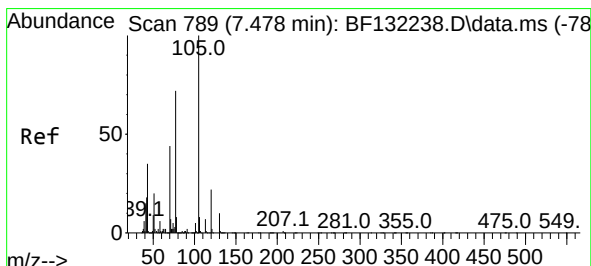
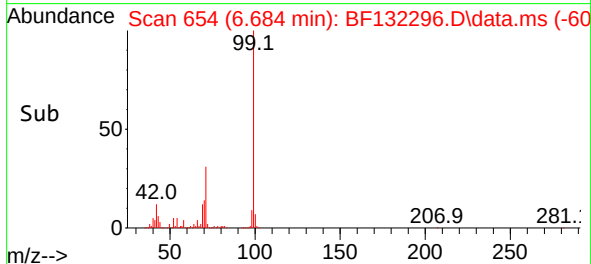
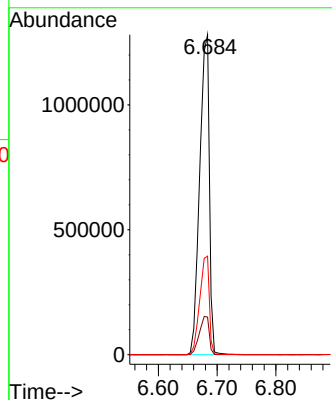
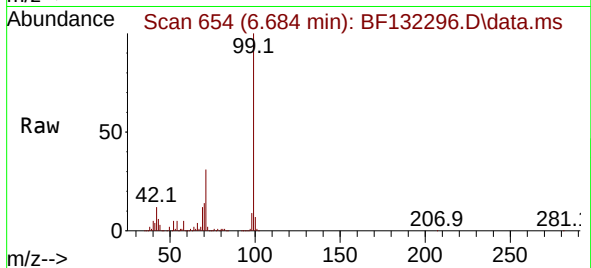


#7
Phenol-d6
Concen: 96.195 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132296.D
Acq: 02 Feb 2023 17:27

Instrument :
BNA_F
ClientSampleId :
TP-1-WC

Tgt Ion: 99 Resp: 1462708

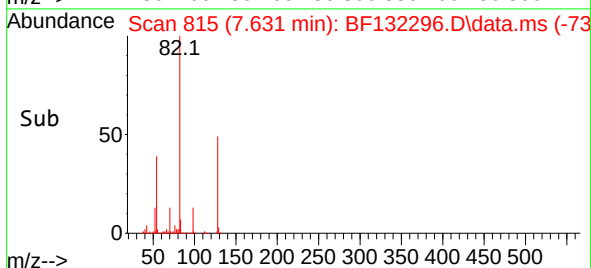
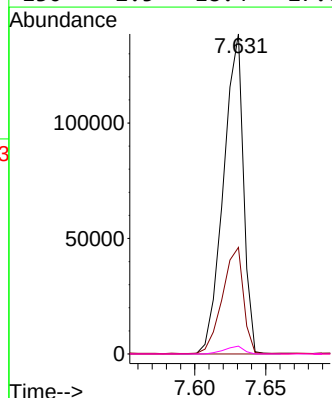
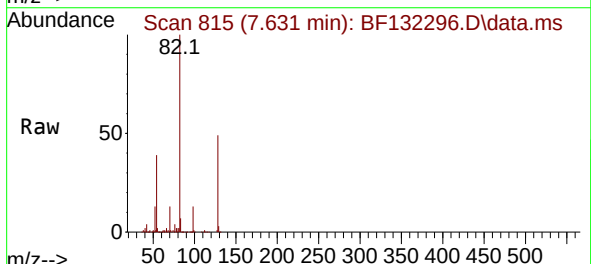
Ion	Ratio	Lower	Upper
99	100		
42	11.8	10.1	15.1
71	30.8	24.2	36.4

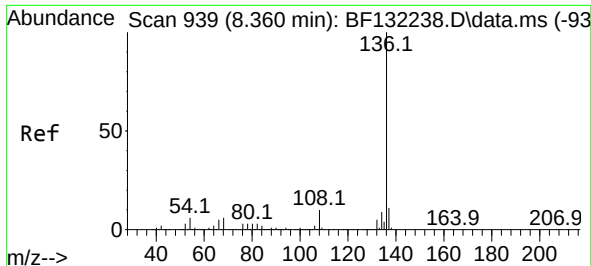


#19
n-Nitroso-di-n-propylamine
Concen: 15.699 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132296.D
Acq: 02 Feb 2023 17:27

Tgt Ion: 70 Resp: 135597

Ion	Ratio	Lower	Upper
70	100		
42	33.3	33.4	50.0#
101	0.0	8.2	12.4#
130	2.5	18.4	27.6#

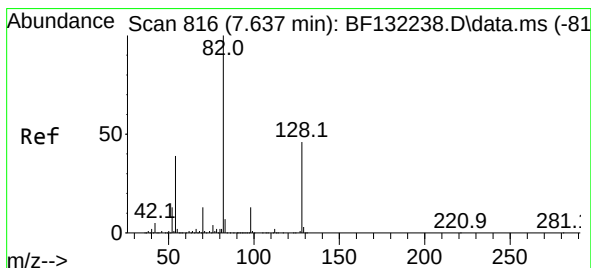
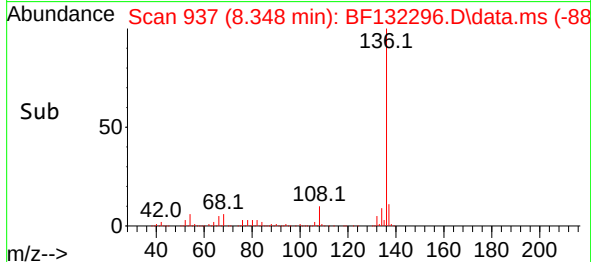
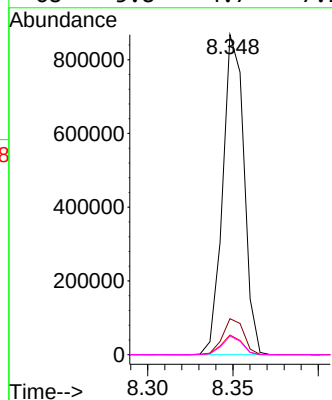
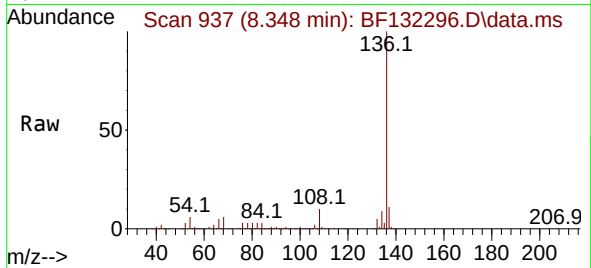




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132296.D
Acq: 02 Feb 2023 17:27

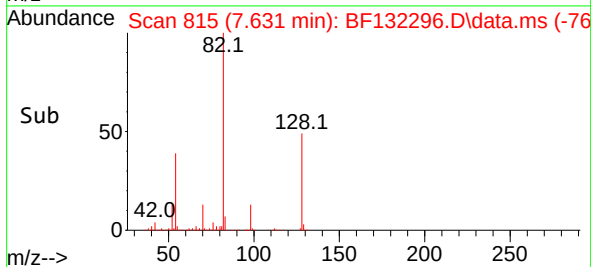
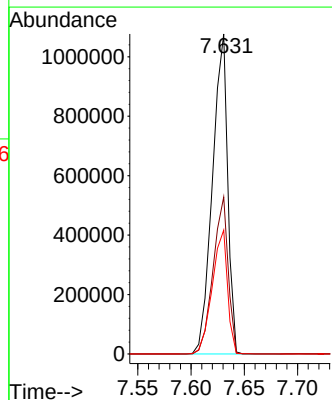
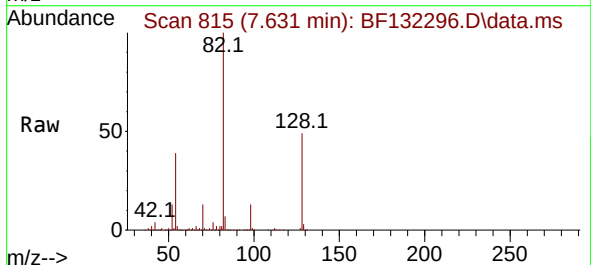
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

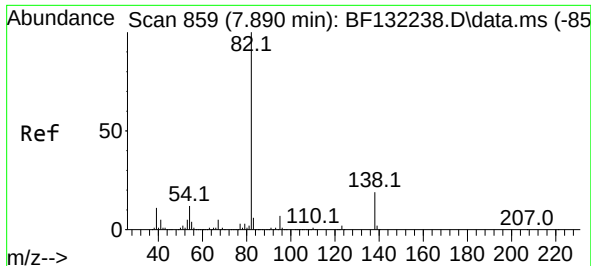
Tgt Ion:136 Resp: 752761
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.2 4.9 7.3
68 5.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 79.381 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132296.D
Acq: 02 Feb 2023 17:27

Tgt Ion: 82 Resp: 1073812
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.4
54 38.7 31.5 47.3

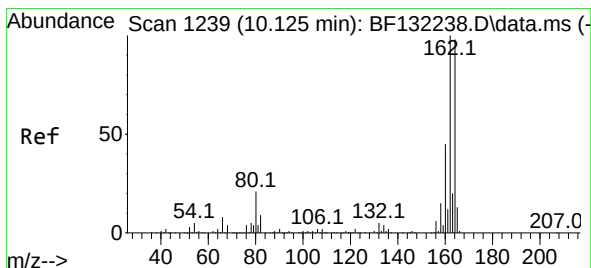
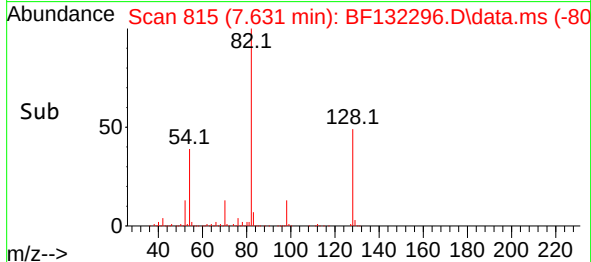
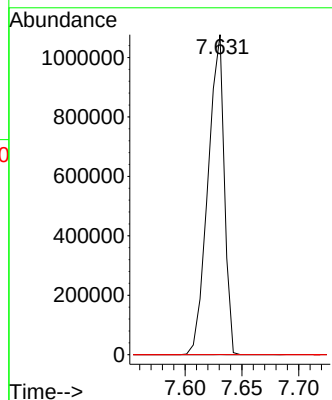
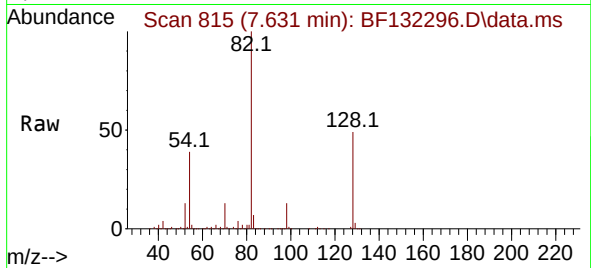




#25
Isophorone
Concen: 41.823 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132296.D
Acq: 02 Feb 2023 17:27

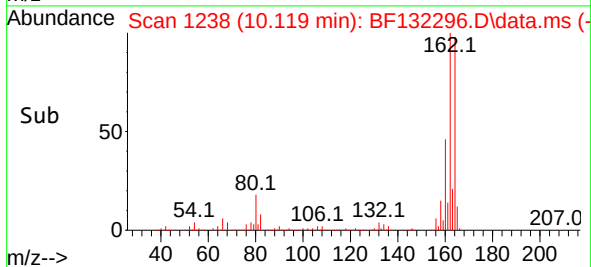
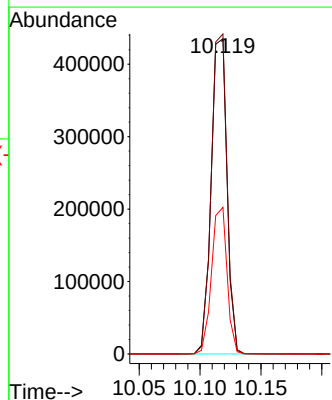
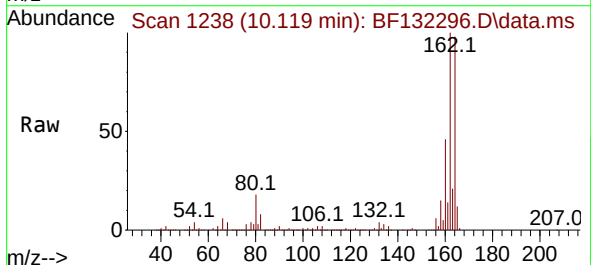
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

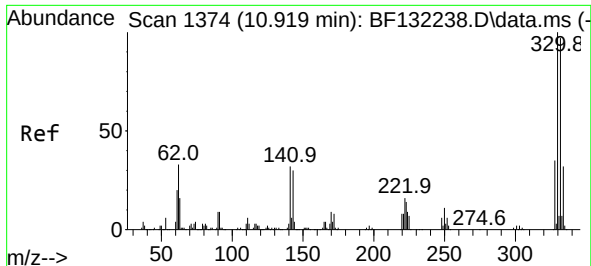
Tgt Ion: 82 Resp: 1073800
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132296.D
Acq: 02 Feb 2023 17:27

Tgt Ion:164 Resp: 393062
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 46.5 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 142.846 ng

RT: 10.913 min Scan# 111

Delta R.T. -0.006 min

Lab File: BF132296.D

Acq: 02 Feb 2023 17:27

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

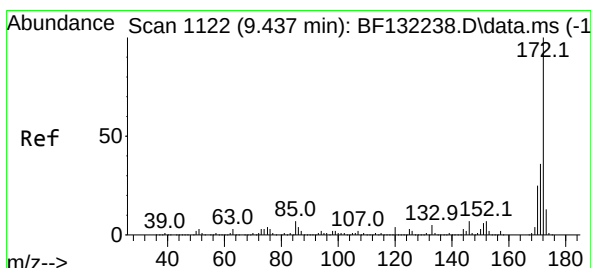
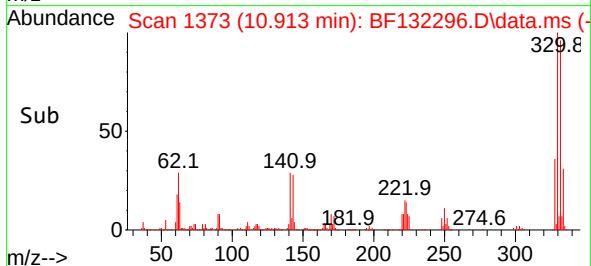
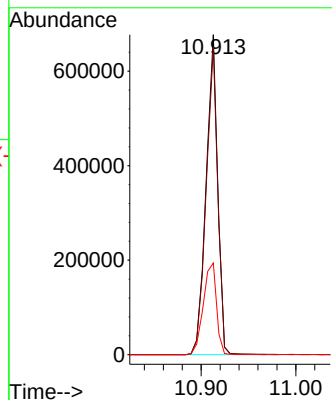
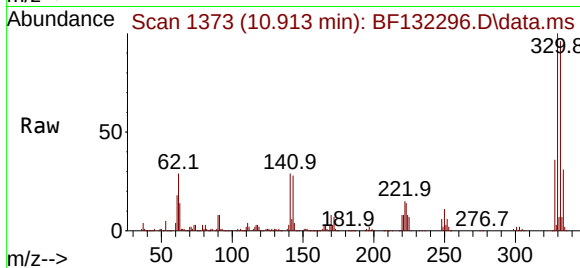
Tgt Ion:330 Resp: 577399

Ion Ratio Lower Upper

330 100

332 96.4 77.9 116.9

141 32.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 74.245 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132296.D

Acq: 02 Feb 2023 17:27

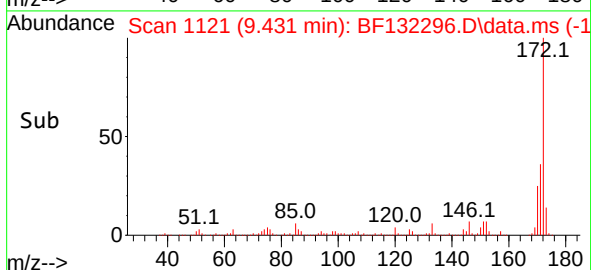
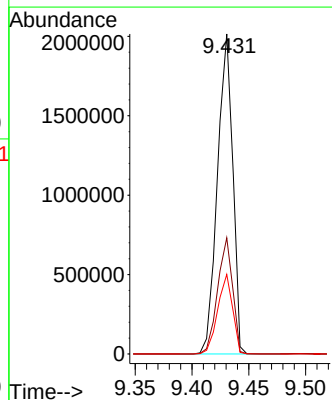
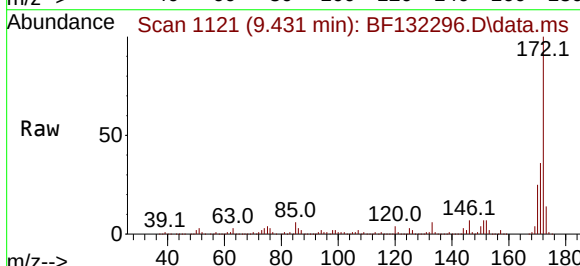
Tgt Ion:172 Resp: 1889779

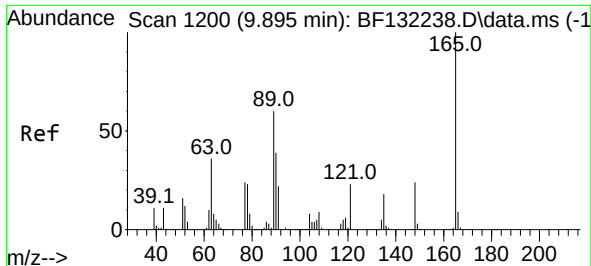
Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 24.9 19.7 29.5

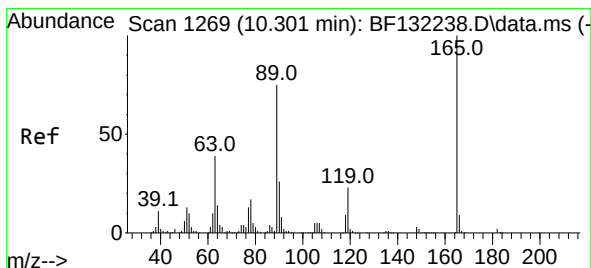
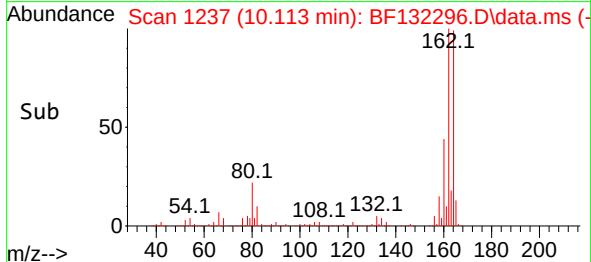
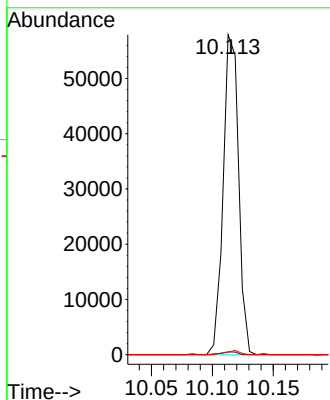
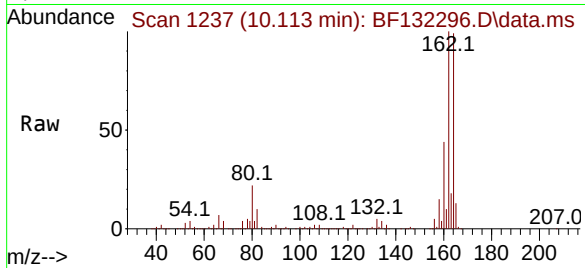




#51
2,6-Dinitrotoluene
Concen: 8.335 ng
RT: 10.113 min Scan# 1237
Delta R.T. 0.218 min
Lab File: BF132296.D
Acq: 02 Feb 2023 17:27

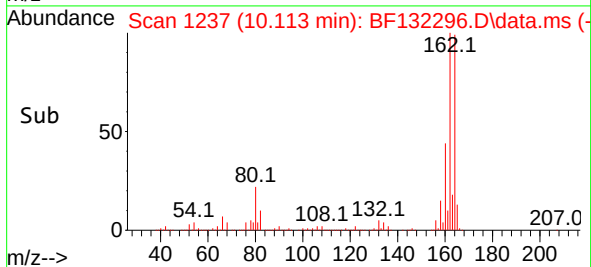
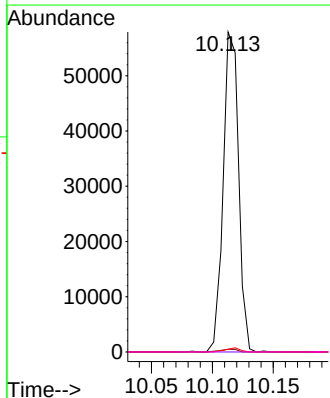
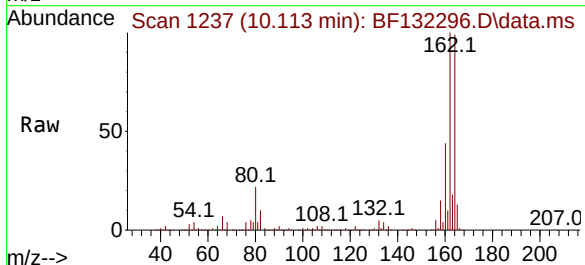
Instrument :
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TP-1-WC

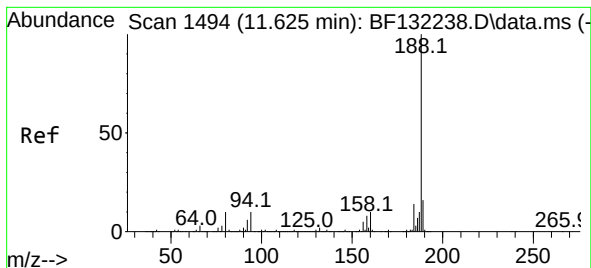
Tgt Ion:165 Resp: 51180
Ion Ratio Lower Upper
165 100
63 0.8 41.5 62.3#
89 0.9 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.416 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.188 min
Lab File: BF132296.D
Acq: 02 Feb 2023 17:27

Tgt Ion:165 Resp: 51180
Ion Ratio Lower Upper
165 100
63 0.8 30.9 46.3#
89 0.9 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.613 min Scan# 1494

Delta R.T. -0.012 min

Lab File: BF132296.D

Acq: 02 Feb 2023 17:27

Instrument :

BNA_F

ClientSampleId :

TP-1-WC

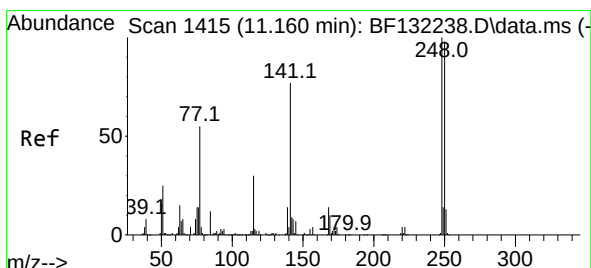
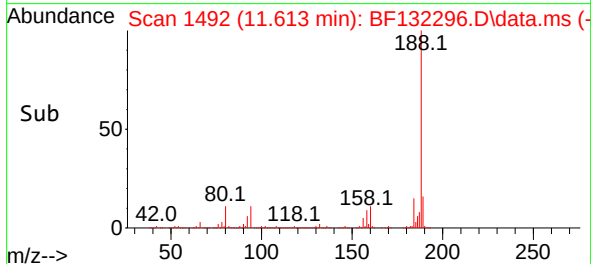
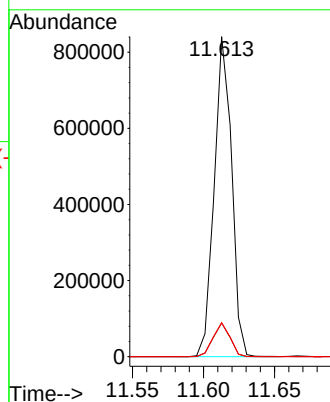
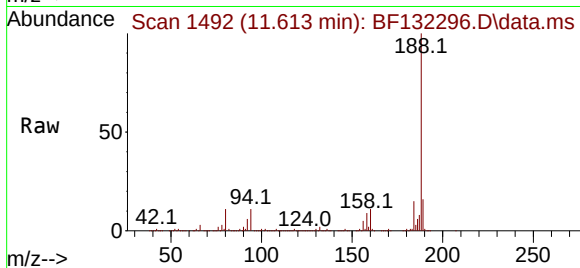
Tgt Ion:188 Resp: 714712

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

80 10.6 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.549 ng

RT: 10.913 min Scan# 1373

Delta R.T. -0.247 min

Lab File: BF132296.D

Acq: 02 Feb 2023 17:27

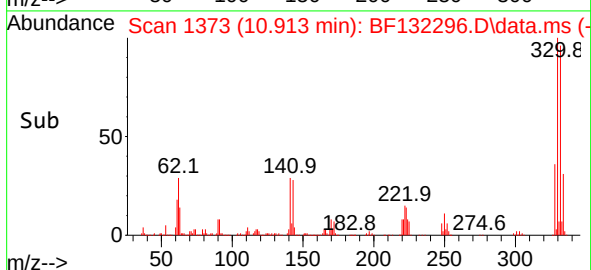
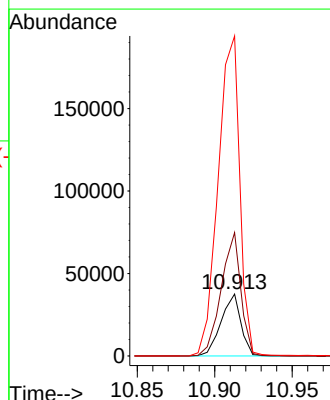
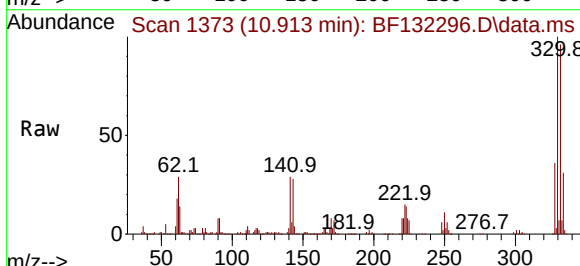
Tgt Ion:248 Resp: 33289

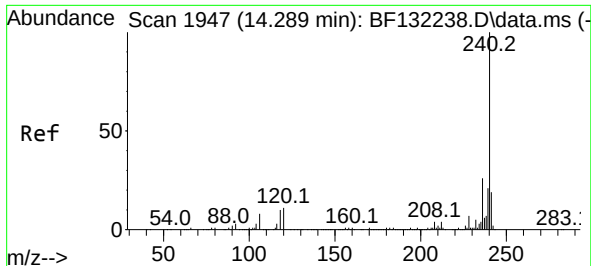
Ion Ratio Lower Upper

248 100

250 199.3 78.6 117.8#

141 517.2 61.6 92.4#

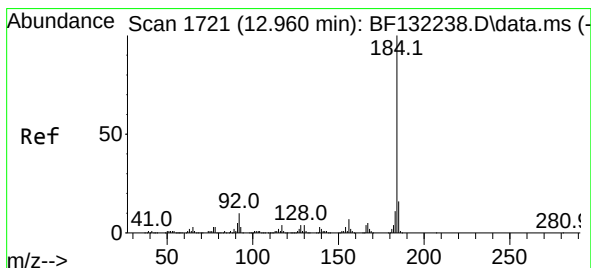
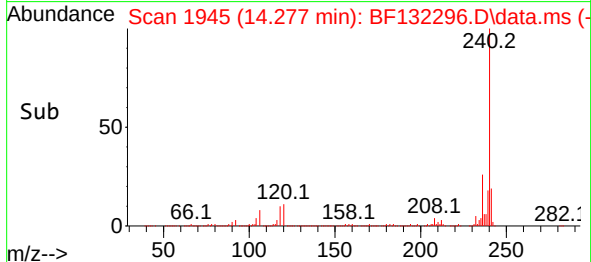
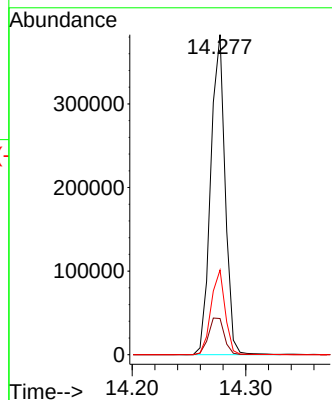
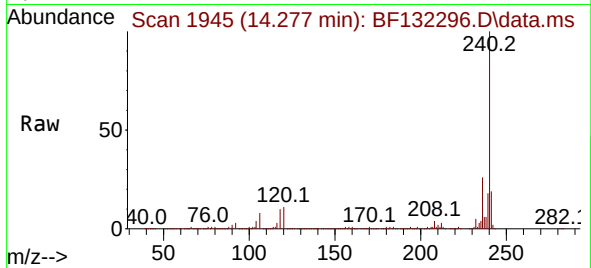




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132296.D
Acq: 02 Feb 2023 17:27

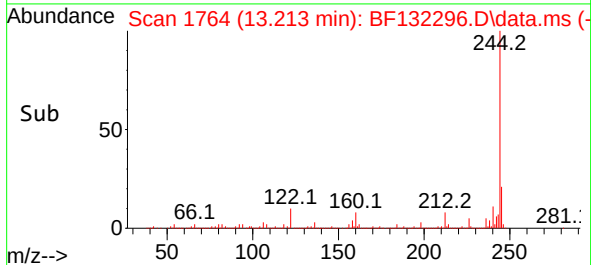
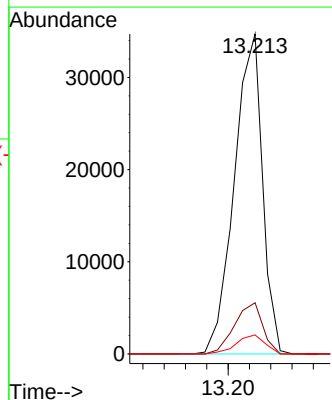
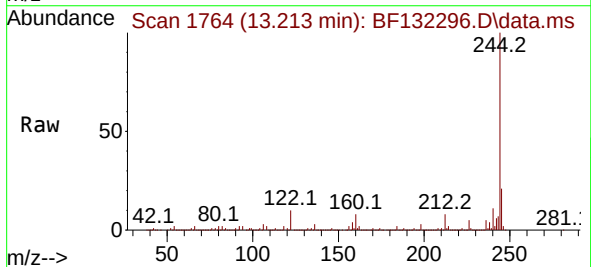
Instrument :
BNA_F
ClientSampleId :
TP-1-WC

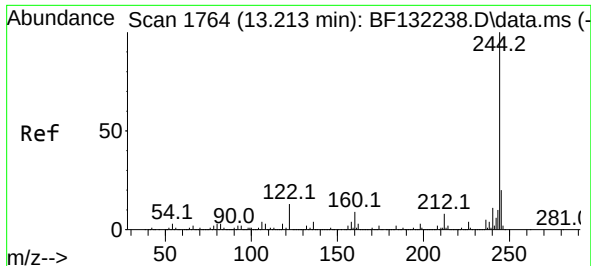
Tgt Ion:240 Resp: 336710
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 26.4 21.0 31.6



#77
Benidine
Concen: 2.710 ng
RT: 13.213 min Scan# 1764
Delta R.T. 0.253 min
Lab File: BF132296.D
Acq: 02 Feb 2023 17:27

Tgt Ion:184 Resp: 31901
Ion Ratio Lower Upper
184 100
185 16.0 12.6 18.8
183 6.0 8.9 13.3#

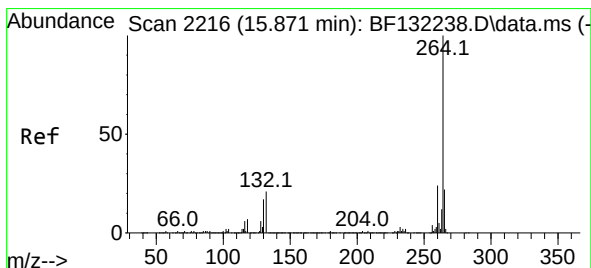
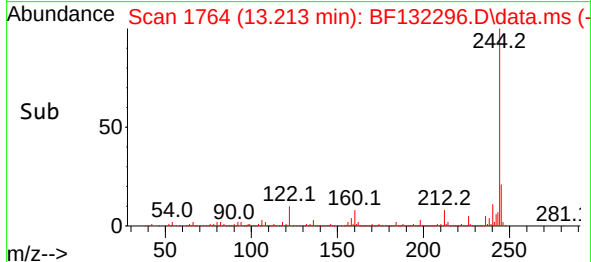
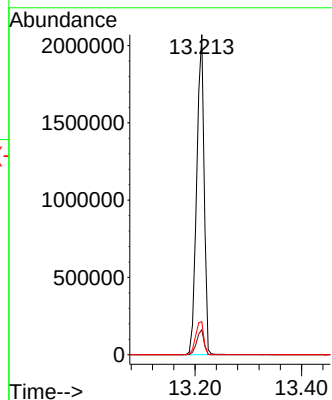
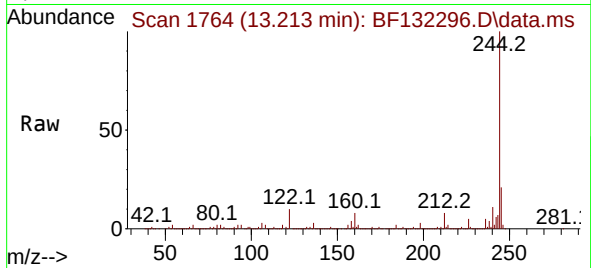




#79
 Terphenyl-d14
 Concen: 114.952 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132296.D
 Acq: 02 Feb 2023 17:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-WC

Tgt Ion:244 Resp: 2000900
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 10.3 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.865 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF132296.D
 Acq: 02 Feb 2023 17:27

Tgt Ion:264 Resp: 377460
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.9 17.4 26.2

