

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132294.D
 Acq On : 02 Feb 2023 16:18
 Operator : CG\JU
 Sample : PB150611TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150611TB

Quant Time: Feb 03 00:22:53 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)

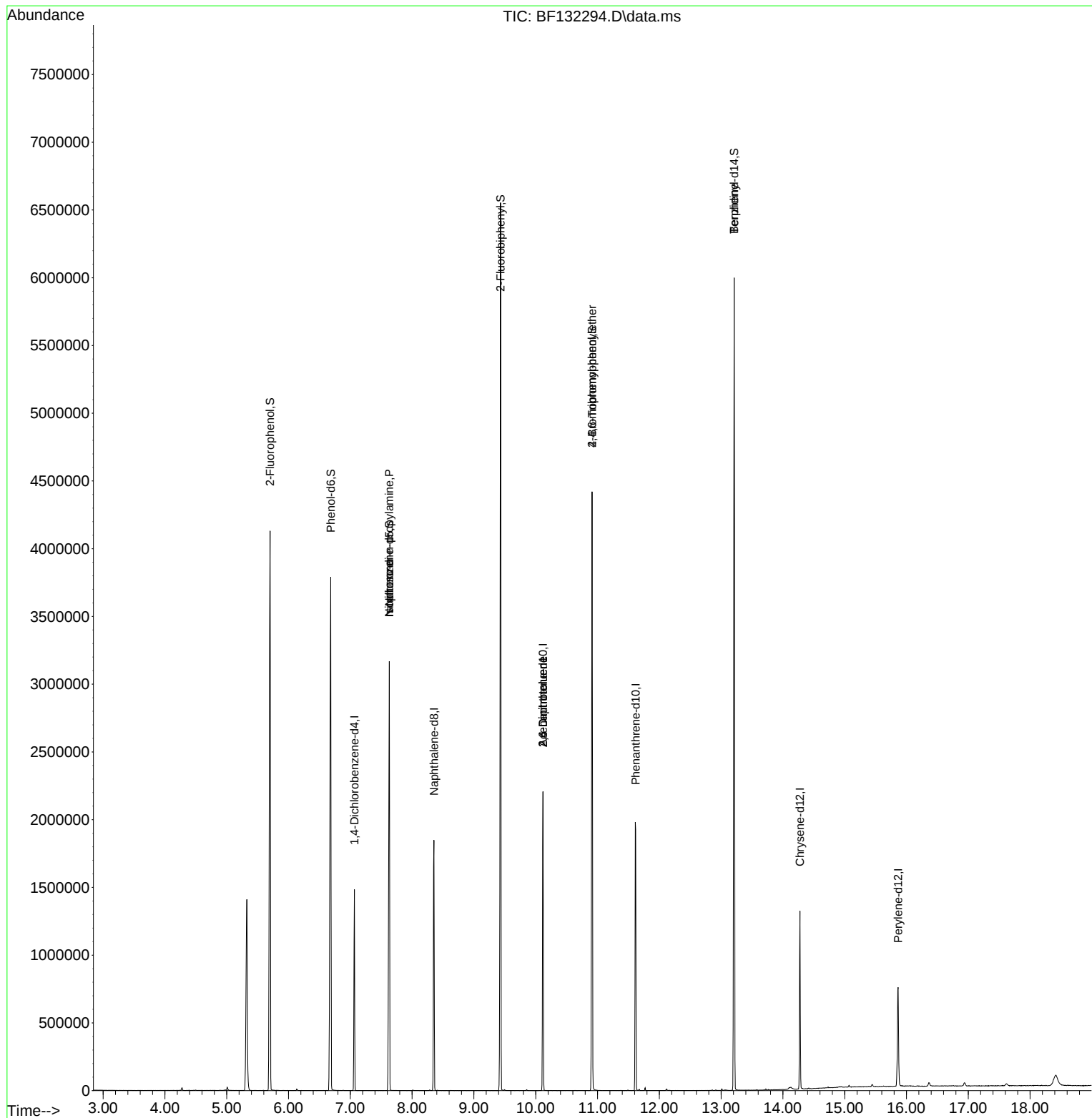
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	218589	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	846899	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	434362	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	775366	20.000	ng	0.00
76) Chrysene-d12	14.277	240	406471	20.000	ng	-0.01
86) Perylene-d12	15.865	264	354335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1575703	115.870	ng	0.02
7) Phenol-d6	6.684	99	1888126	112.619	ng	0.00
23) Nitrobenzene-d5	7.631	82	1204863	79.168	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	592523	132.650	ng	0.00
45) 2-Fluorobiphenyl	9.430	172	2100523	74.678	ng	0.00
79) Terphenyl-d14	13.213	244	2193060	104.368	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.684	77	2655	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.631	70	151775	15.937	ng	# 78
25) Isophorone	7.631	82	1204852	41.711	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	56104	8.268	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	56104	6.365	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	33664	4.240	ng	# 1
77) Benizidine	13.213	184	34673	2.440	ng	# 95

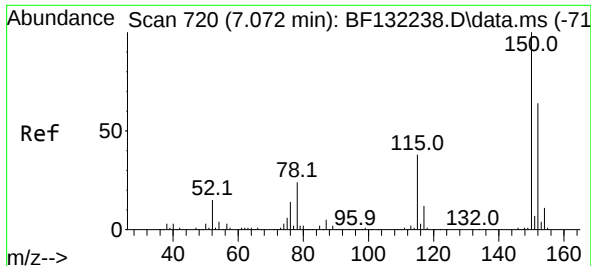
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 03 00:22:53 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

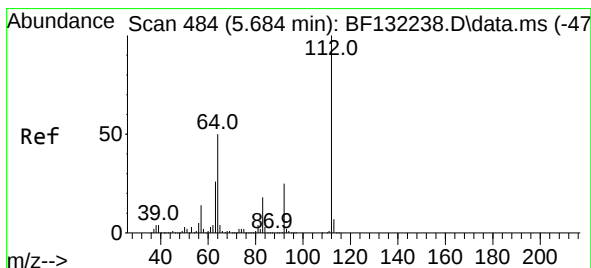
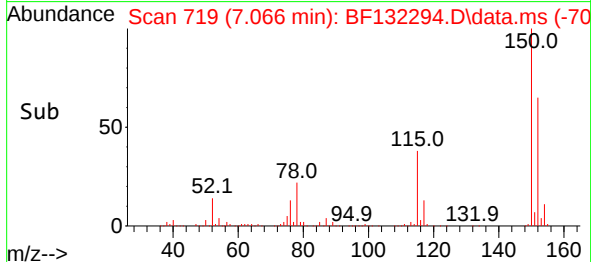
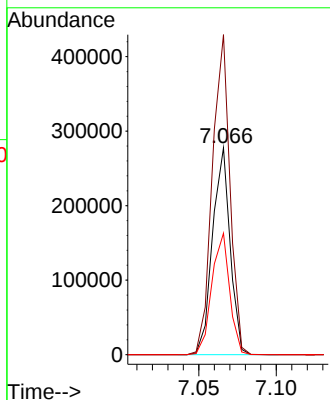
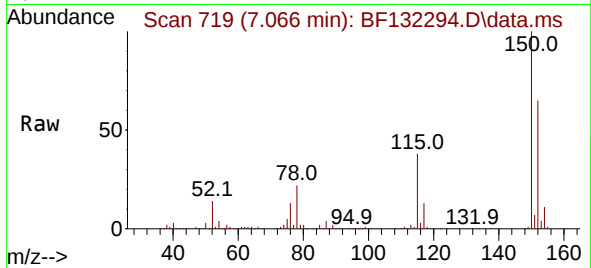




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132294.D
 Acq: 02 Feb 2023 16:18

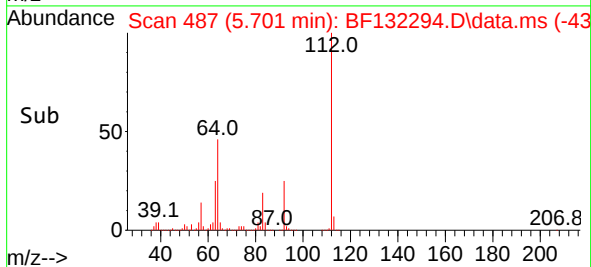
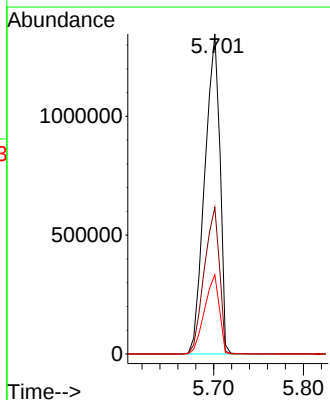
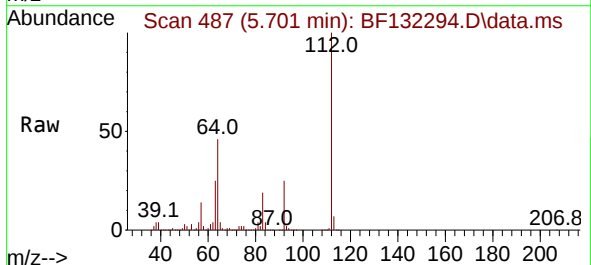
Instrument :
 BNA_F
 ClientSampleId :
 PB150611TB

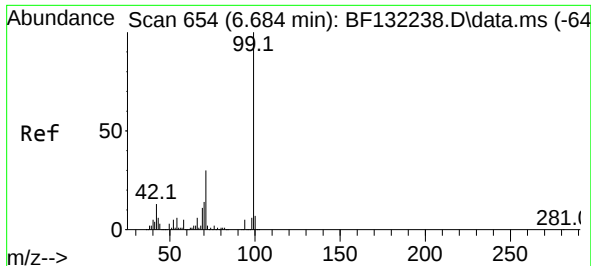
Tgt Ion:152 Resp: 218589
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.2 186.2
 115 58.7 47.3 70.9



#5
 2-Fluorophenol
 Concen: 115.870 ng
 RT: 5.701 min Scan# 487
 Delta R.T. 0.017 min
 Lab File: BF132294.D
 Acq: 02 Feb 2023 16:18

Tgt Ion:112 Resp: 1575703
 Ion Ratio Lower Upper
 112 100
 64 45.8 40.0 60.0
 63 24.7 20.5 30.7

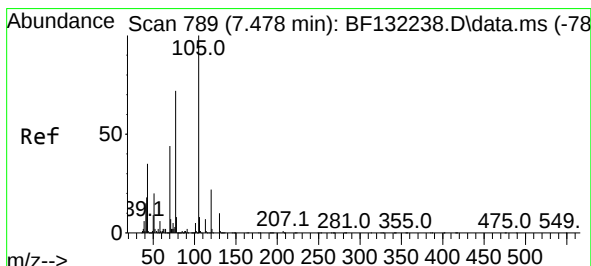
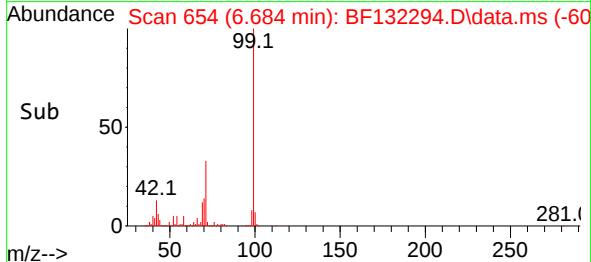
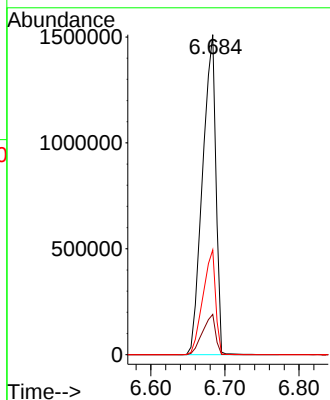
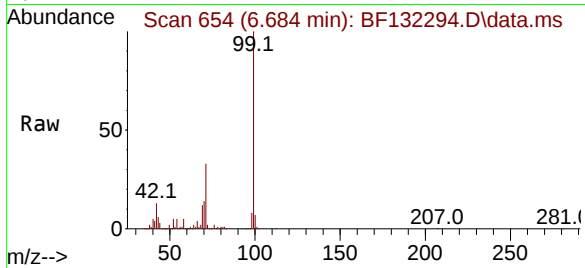




#7
Phenol-d6
Concen: 112.619 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132294.D
Acq: 02 Feb 2023 16:18

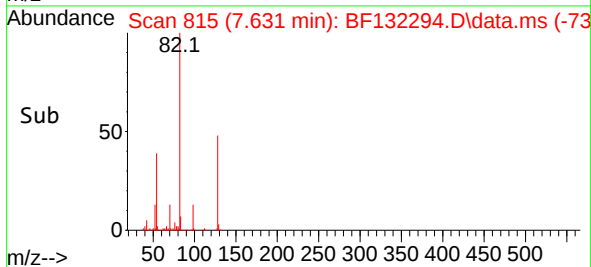
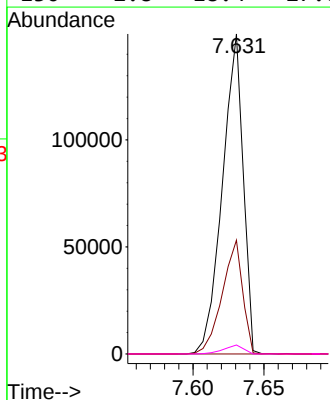
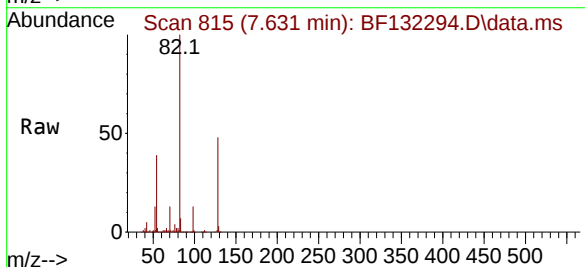
Instrument :
BNA_F
ClientSampleId :
PB150611TB

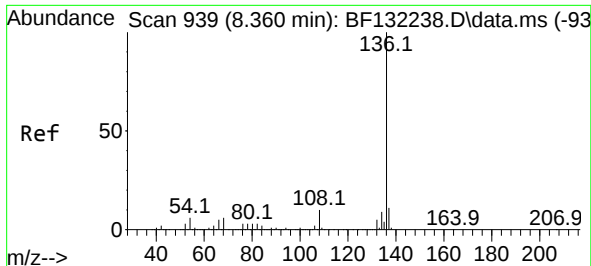
Tgt Ion: 99 Resp: 1888126
Ion Ratio Lower Upper
99 100
42 12.6 10.1 15.1
71 32.8 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.937 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132294.D
Acq: 02 Feb 2023 16:18

Tgt Ion: 70 Resp: 151775
Ion Ratio Lower Upper
70 100
42 35.6 33.4 50.0
101 0.0 8.2 12.4#
130 2.8 18.4 27.6#

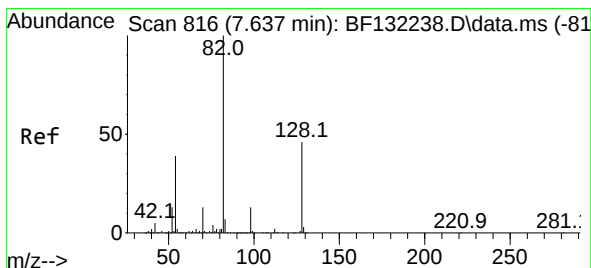
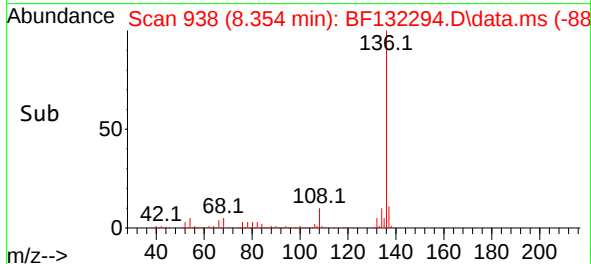
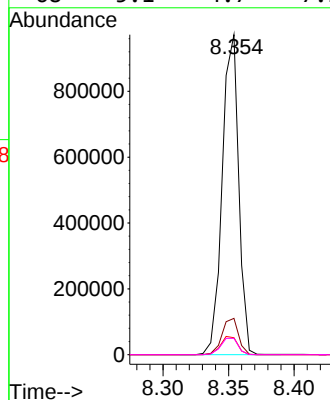
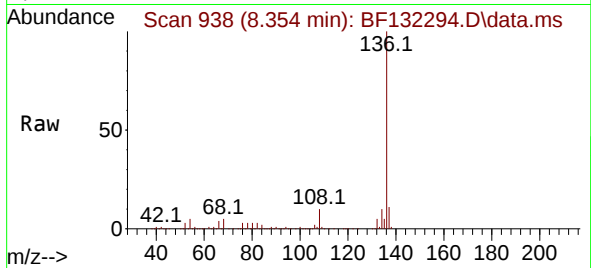




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132294.D
Acq: 02 Feb 2023 16:18

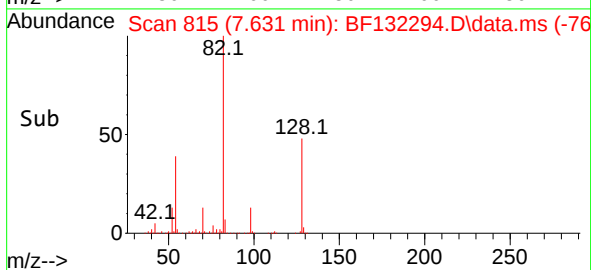
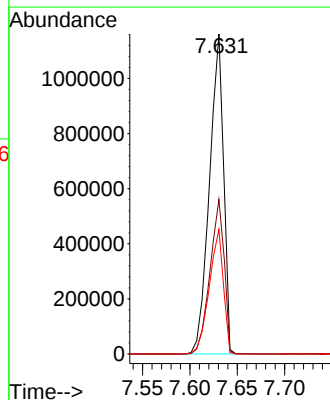
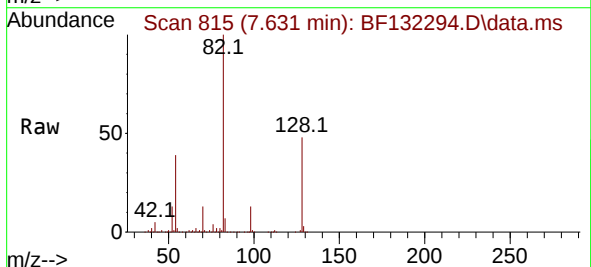
Instrument :
BNA_F
ClientSampleId :
PB150611TB

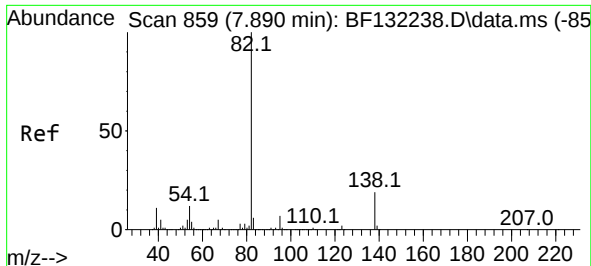
Tgt Ion:136 Resp: 846899
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 5.3 4.9 7.3
68 5.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 79.168 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132294.D
Acq: 02 Feb 2023 16:18

Tgt Ion: 82 Resp: 1204863
Ion Ratio Lower Upper
82 100
128 48.3 37.0 55.4
54 38.9 31.5 47.3

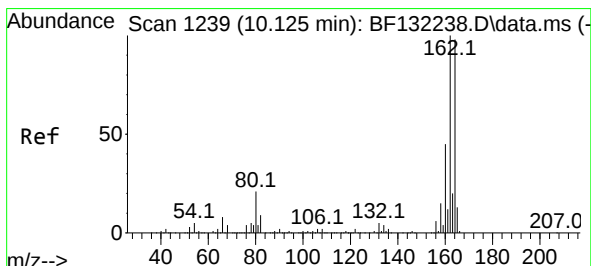
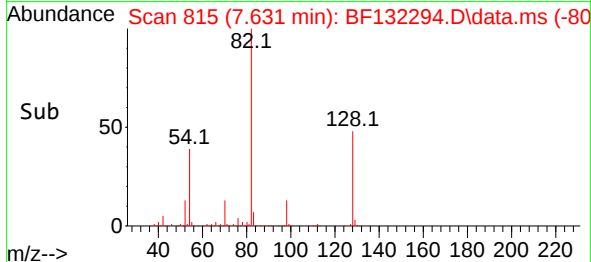
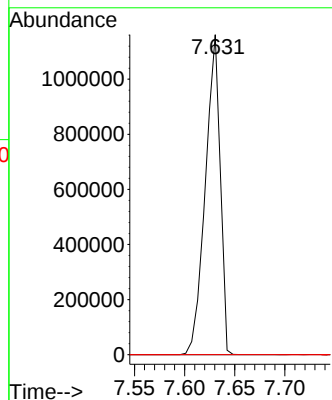
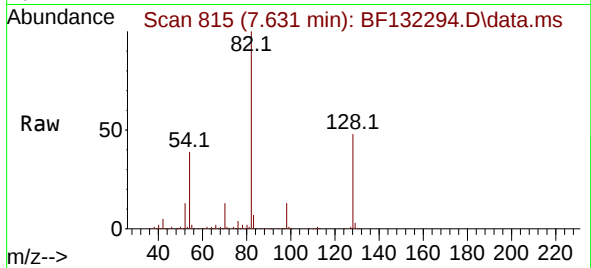




#25
Isophorone
Concen: 41.711 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132294.D
Acq: 02 Feb 2023 16:18

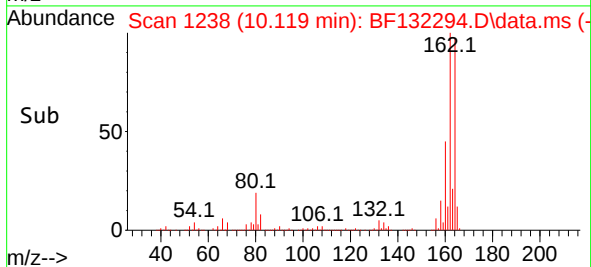
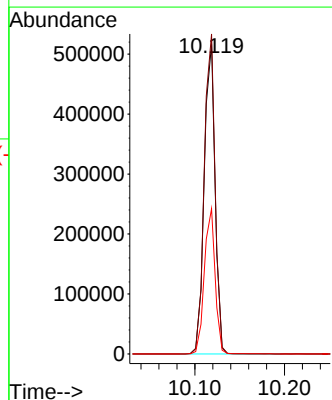
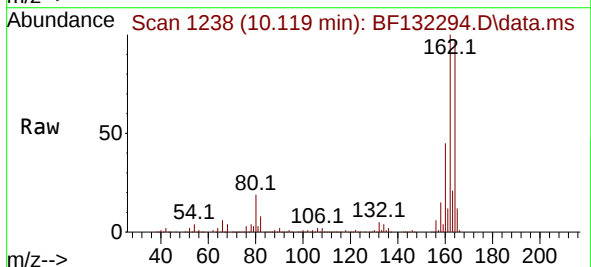
Instrument :
BNA_F
ClientSampleId :
PB150611TB

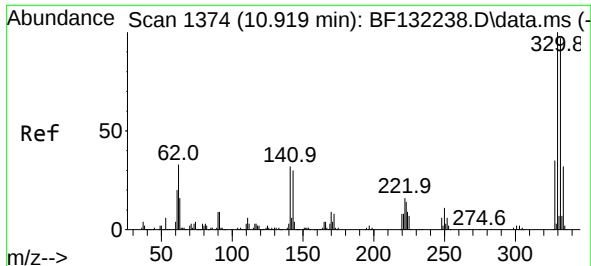
Tgt Ion: 82 Resp: 1204852
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132294.D
Acq: 02 Feb 2023 16:18

Tgt Ion: 164 Resp: 434362
Ion Ratio Lower Upper
164 100
162 103.2 82.0 123.0
160 46.9 37.1 55.7

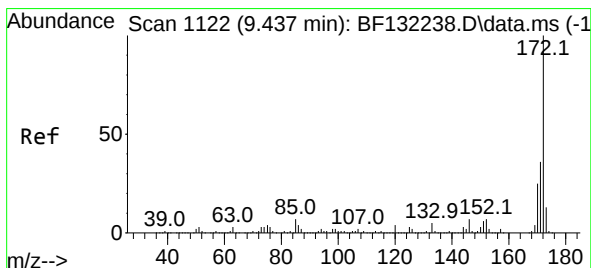
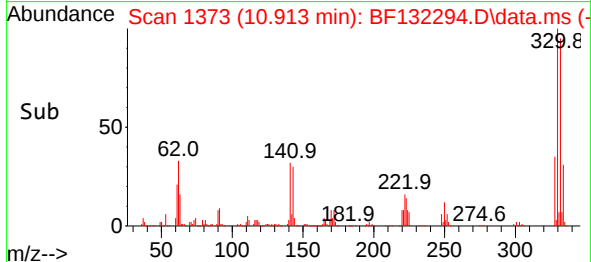
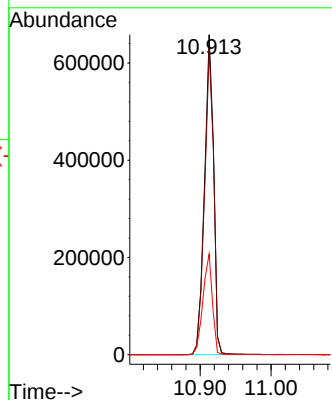
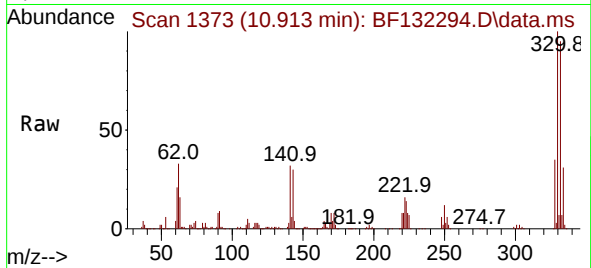




#42
2,4,6-Tribromophenol
Concen: 132.650 ng
RT: 10.913 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF132294.D
Acq: 02 Feb 2023 16:18

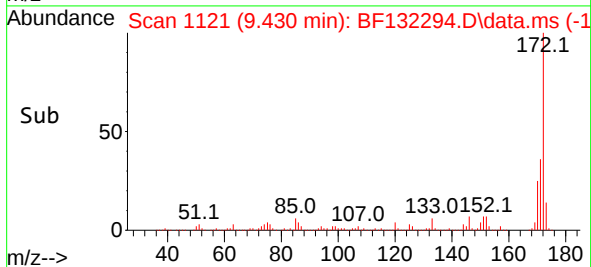
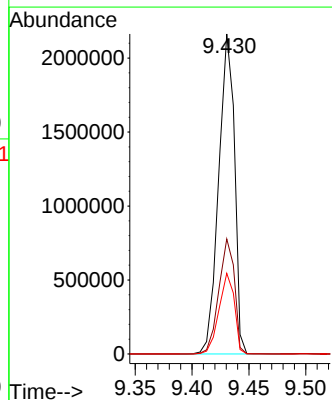
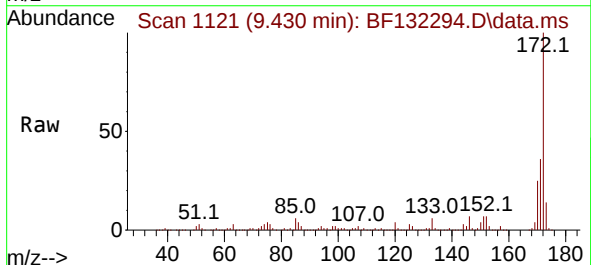
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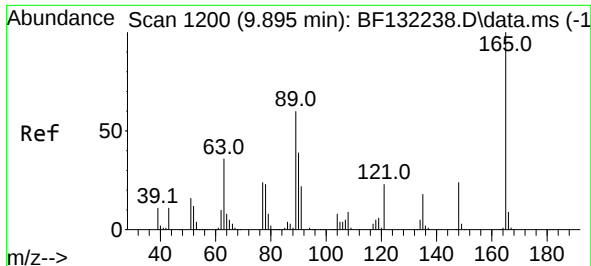
Tgt Ion:330 Resp: 592523
Ion Ratio Lower Upper
330 100
332 96.0 77.9 116.9
141 32.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 74.678 ng
RT: 9.430 min Scan# 1121
Delta R.T. -0.007 min
Lab File: BF132294.D
Acq: 02 Feb 2023 16:18

Tgt Ion:172 Resp: 2100523
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 25.2 19.7 29.5

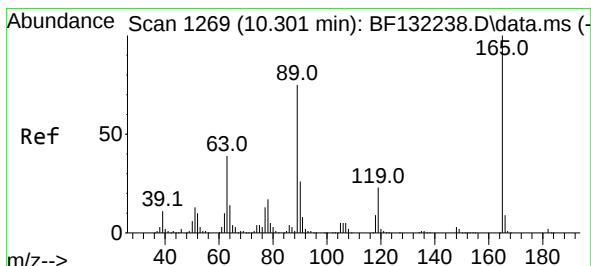
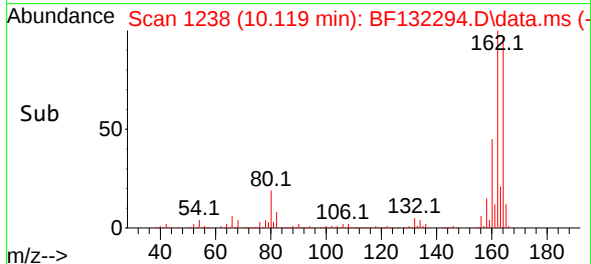
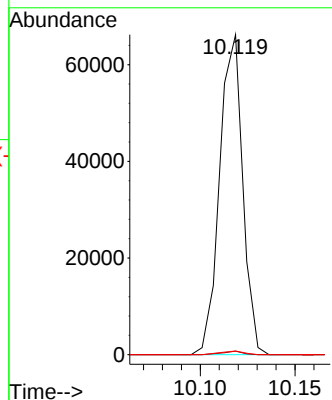
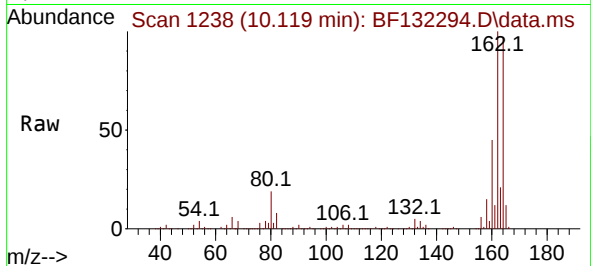




#51
2,6-Dinitrotoluene
Concen: 8.268 ng
RT: 10.119 min Scan# 11
Delta R.T. 0.224 min
Lab File: BF132294.D
Acq: 02 Feb 2023 16:18

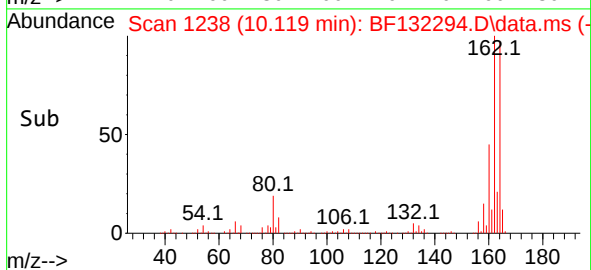
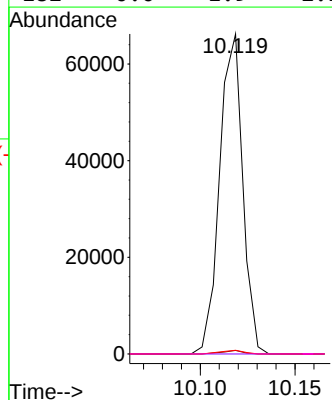
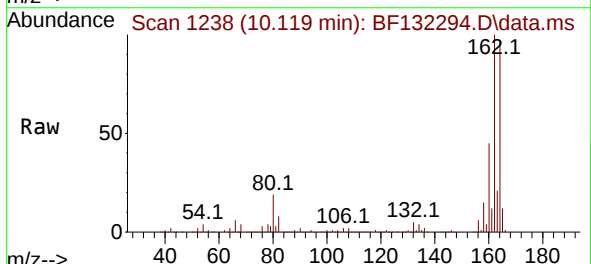
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ClientSampleId :
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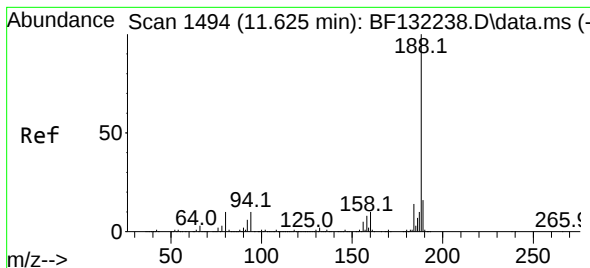
Tgt Ion:165 Resp: 56104
Ion Ratio Lower Upper
165 100
63 1.1 41.5 62.3#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.365 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.183 min
Lab File: BF132294.D
Acq: 02 Feb 2023 16:18

Tgt Ion:165 Resp: 56104
Ion Ratio Lower Upper
165 100
63 1.1 30.9 46.3#
89 1.1 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.619 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF132294.D

Acq: 02 Feb 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB150611TB

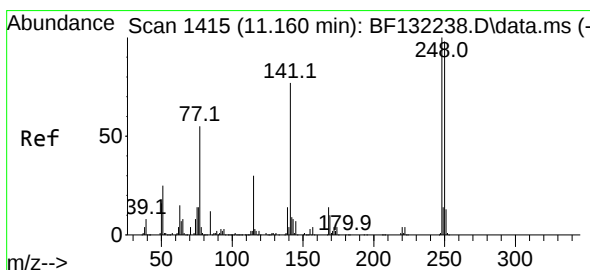
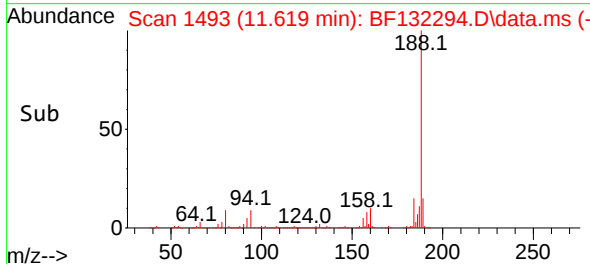
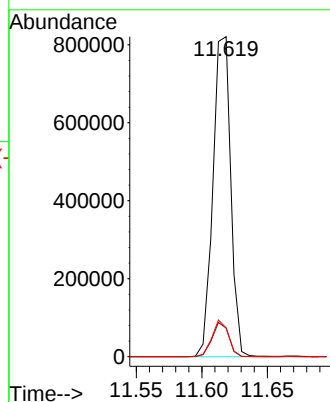
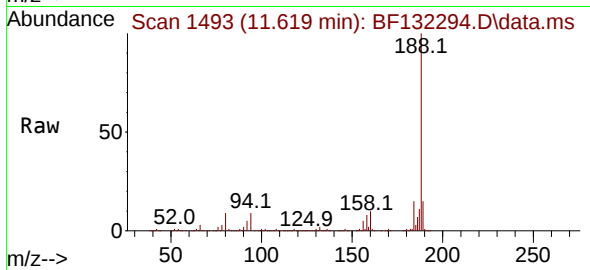
Tgt Ion:188 Resp: 775366

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

80 9.0 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.240 ng

RT: 10.913 min Scan# 1373

Delta R.T. -0.247 min

Lab File: BF132294.D

Acq: 02 Feb 2023 16:18

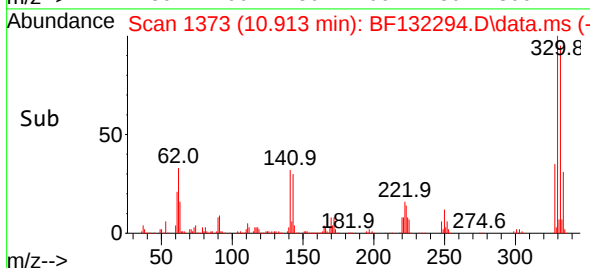
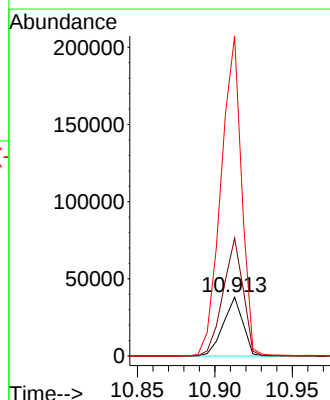
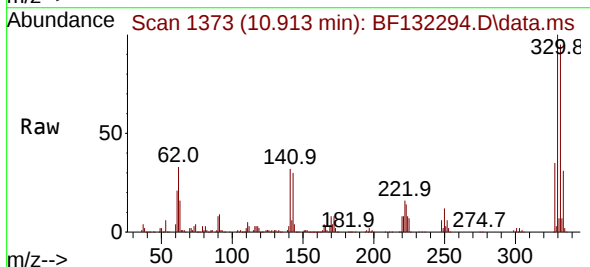
Tgt Ion:248 Resp: 33664

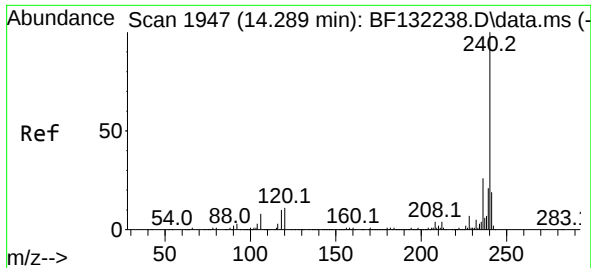
Ion Ratio Lower Upper

248 100

250 201.0 78.6 117.8#

141 545.5 61.6 92.4#

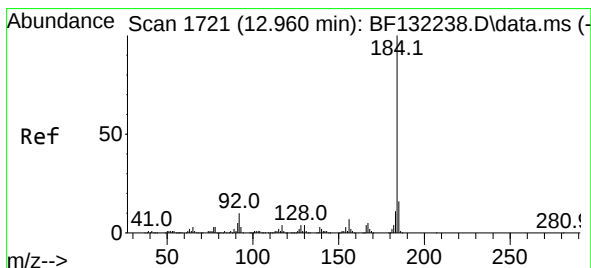
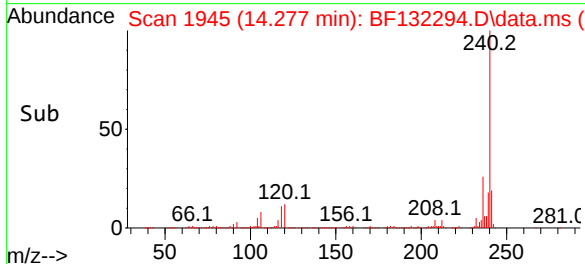
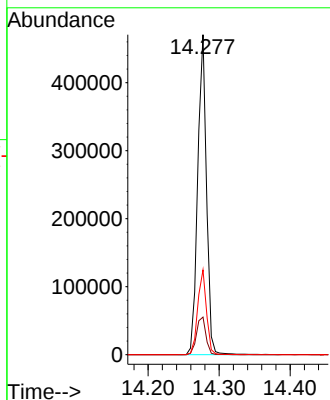
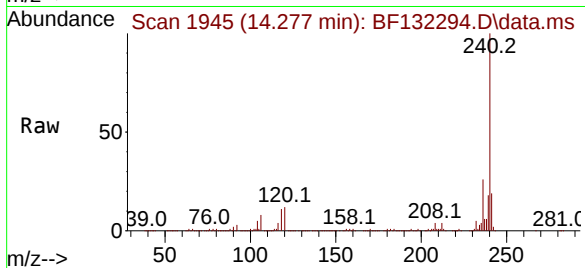




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132294.D
Acq: 02 Feb 2023 16:18

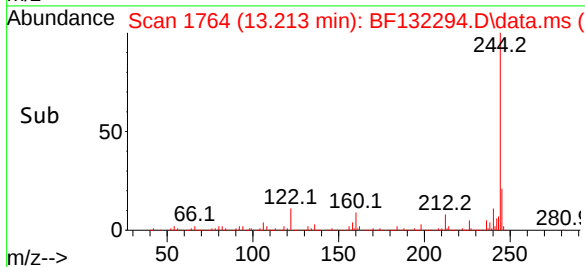
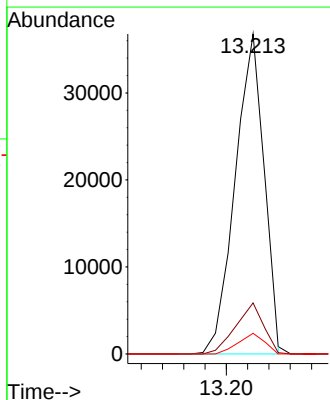
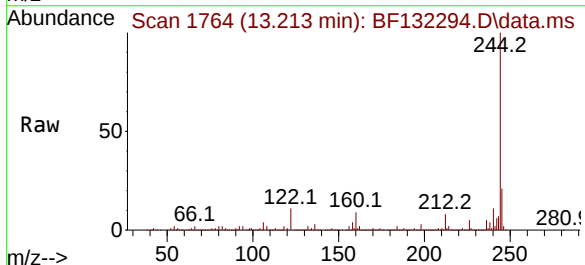
Instrument :
BNA_F
ClientSampleId :
PB150611TB

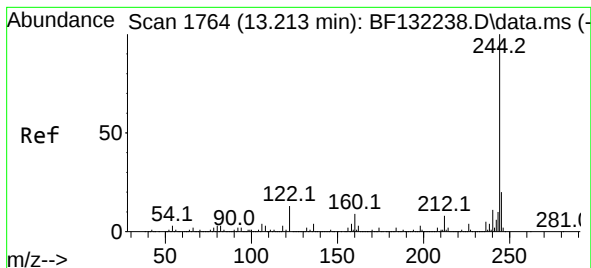
Tgt Ion:240 Resp: 406471
Ion Ratio Lower Upper
240 100
120 11.7 8.8 13.2
236 26.5 21.0 31.6



#77
Benzidine
Concen: 2.440 ng
RT: 13.213 min Scan# 1764
Delta R.T. 0.253 min
Lab File: BF132294.D
Acq: 02 Feb 2023 16:18

Tgt Ion:184 Resp: 34673
Ion Ratio Lower Upper
184 100
185 15.9 12.6 18.8
183 6.5 8.9 13.3#





#79

Terphenyl-d14

Concen: 104.368 ng

RT: 13.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132294.D

Acq: 02 Feb 2023 16:18

Instrument :

BNA_F

ClientSampleId :

PB150611TB

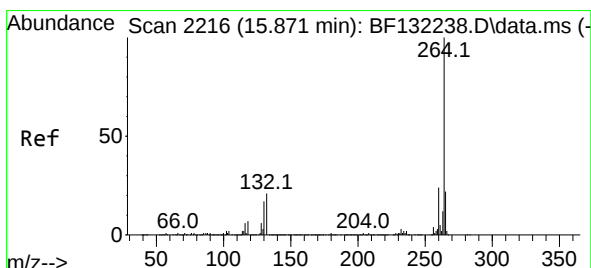
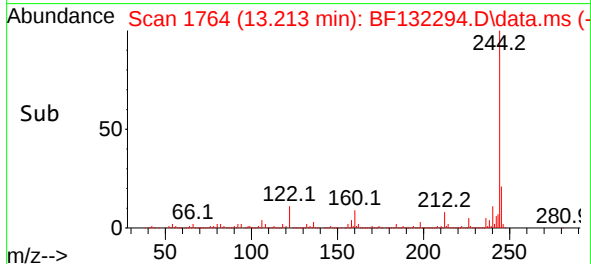
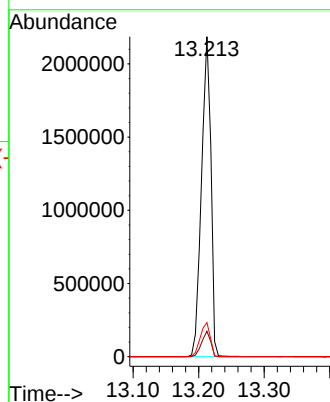
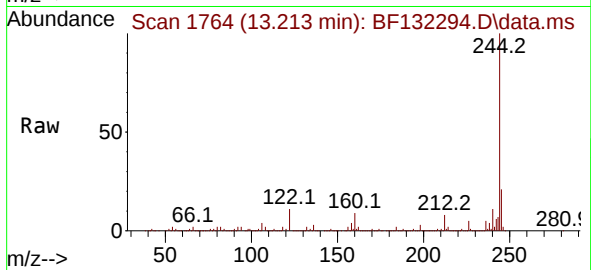
Tgt Ion:244 Resp: 2193060

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

122 10.6 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: BF132294.D

Acq: 02 Feb 2023 16:18

Tgt Ion:264 Resp: 354335

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.4 17.4 26.2

