

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031721\
 Data File : BF123377.D
 Acq On : 17 Mar 2021 21:09
 Operator : JU/CG
 Sample : PB135194BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135194BL

Quant Time: Mar 18 03:41:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 02:38:45 2021
 Response via : Initial Calibration

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

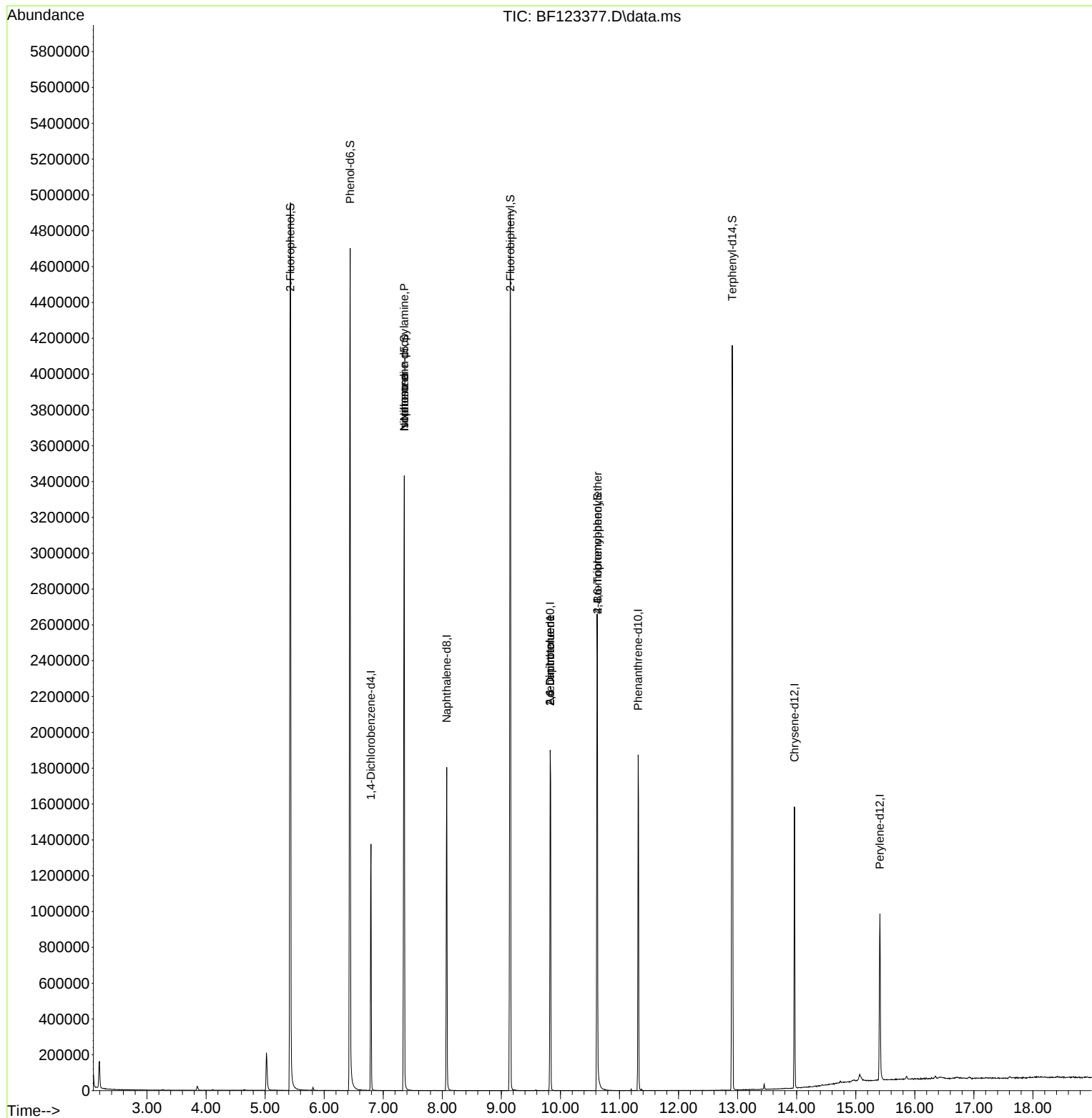
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	212667	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	879607	20.00	ng	# 0.00
39) Acenaphthene-d10	9.827	164	431323	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	686464	20.00	ng	# 0.00
76) Chrysene-d12	13.962	240	477441	20.00	ng	#-0.01
86) Perylene-d12	15.409	264	370716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1584148	105.78	ng	0.01
7) Phenol-d6	6.439	99	1866081	95.93	ng	0.00
23) Nitrobenzene-d5	7.357	82	1209595	80.77	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	322921	107.12	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1861412	91.94	ng	0.00
79) Terphenyl-d14	12.910	244	1568736	63.98	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	2374	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	153494	14.37	ng	# 84
25) Isophorone	7.357	82	1204843	38.76	ng	# 65
51) 2,6-Dinitrotoluene	9.827	165	55445	7.64	ng	# 31
57) 2,4-Dinitrotoluene	9.827	165	55445	5.99	ng	# 25
58) Fluorene	10.621	166	18605	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.627	248	20771	3.18	ng	# 1

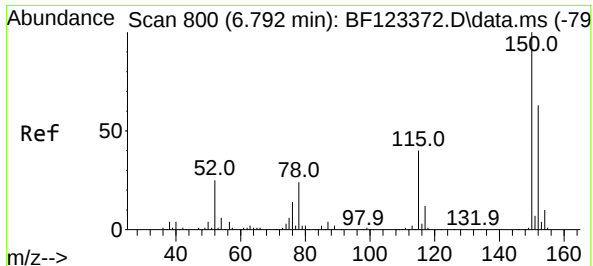
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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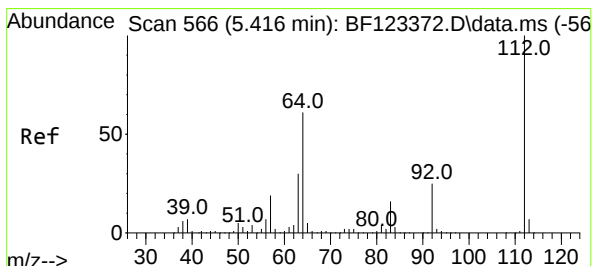
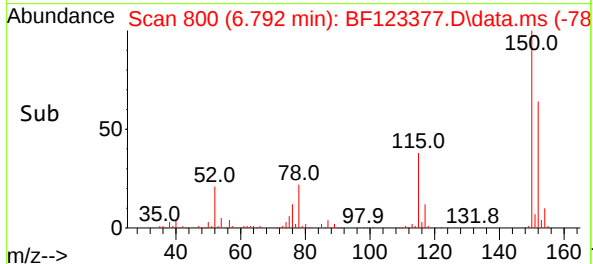
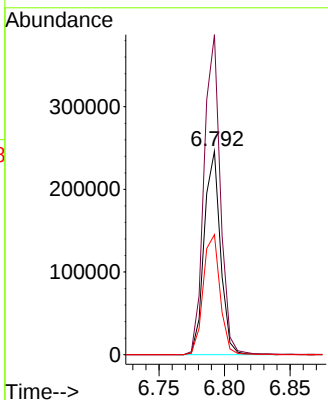
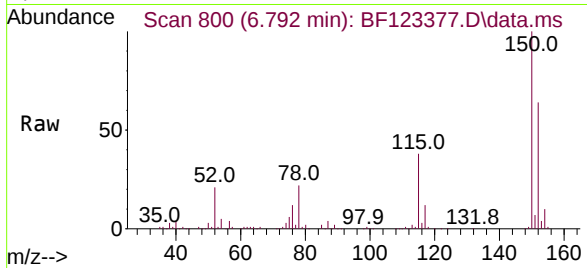




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

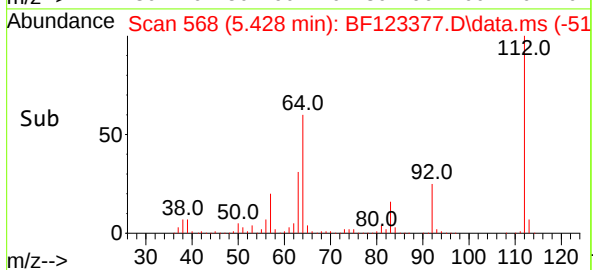
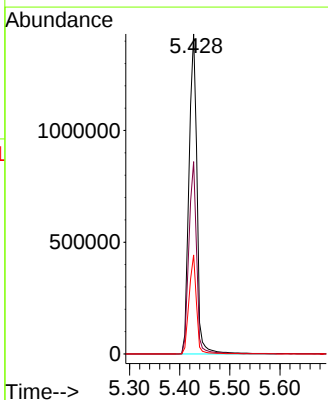
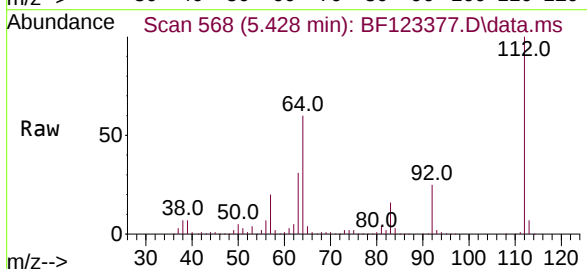
Instrument :
BNA_F
ClientSampleId :
PB135194BL

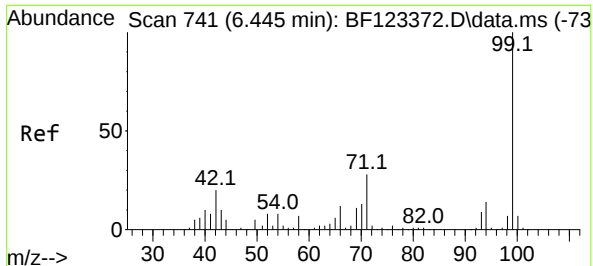
Tgt Ion:152 Resp: 212667
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 59.0 49.3 73.9



#5
2-Fluorophenol
Concen: 105.78 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

Tgt Ion:112 Resp: 1584148
Ion Ratio Lower Upper
112 100
64 60.1 46.9 70.3
63 30.9 24.5 36.7

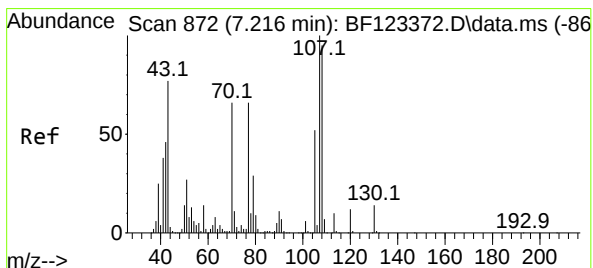
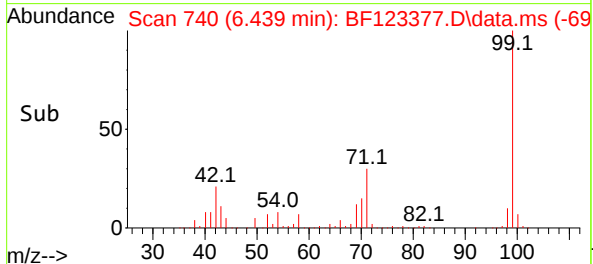
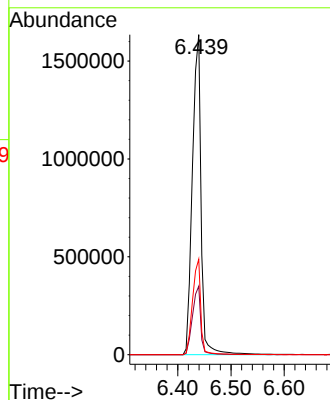
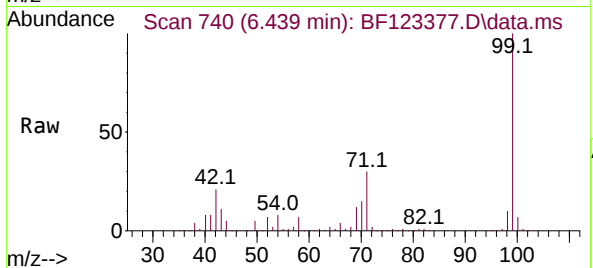




#7
Phenol-d6
Concen: 95.93 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

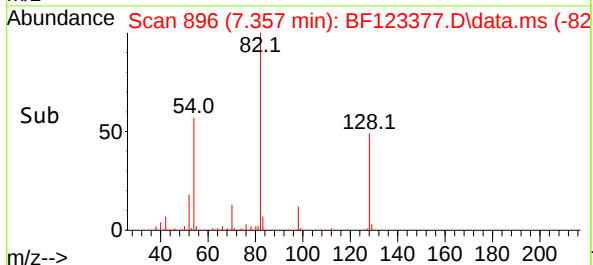
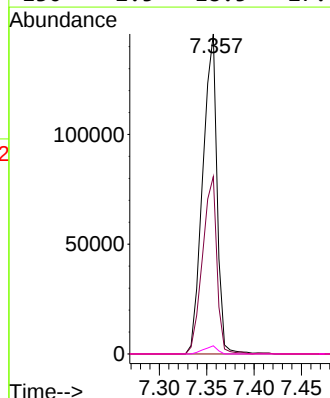
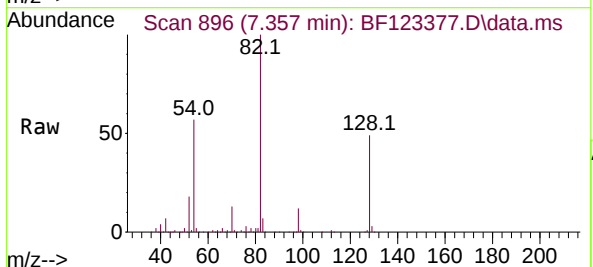
Instrument :
BNA_F
ClientSampleId :
PB135194BL

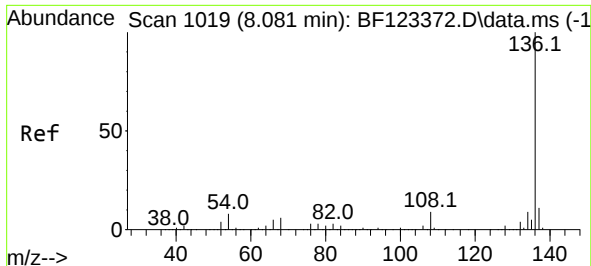
Tgt Ion: 99 Resp: 1866081
Ion Ratio Lower Upper
99 100
42 21.4 13.8 20.6#
71 29.9 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.37 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

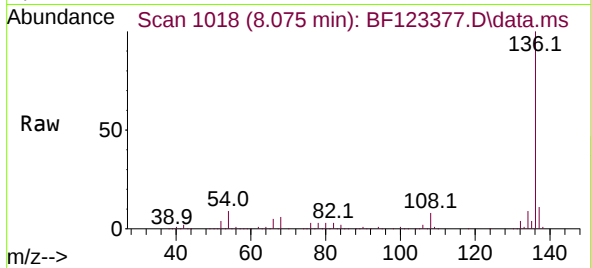
Tgt Ion: 70 Resp: 153494
Ion Ratio Lower Upper
70 100
42 55.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.5 18.5 27.7#



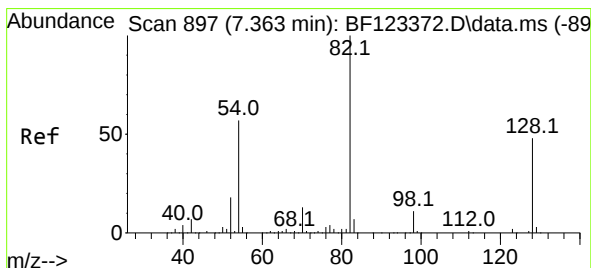
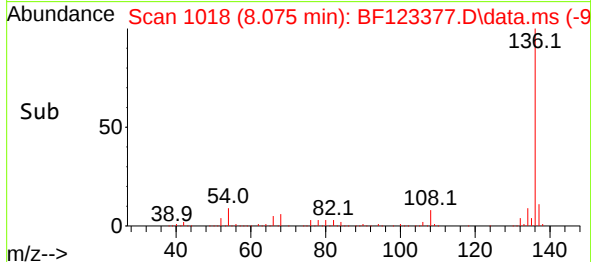
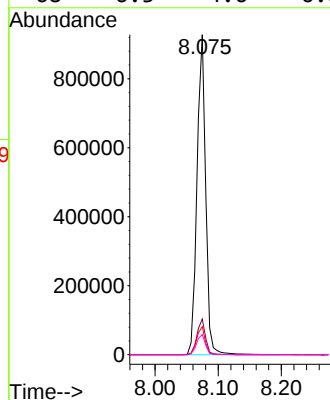


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

Instrument :
BNA_F
ClientSampleId :
PB135194BL

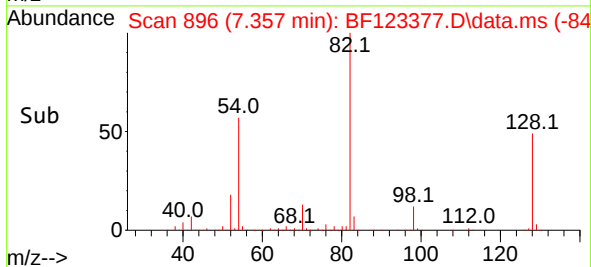
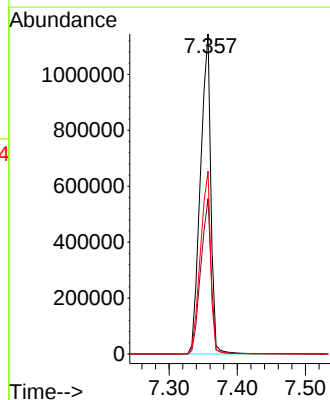
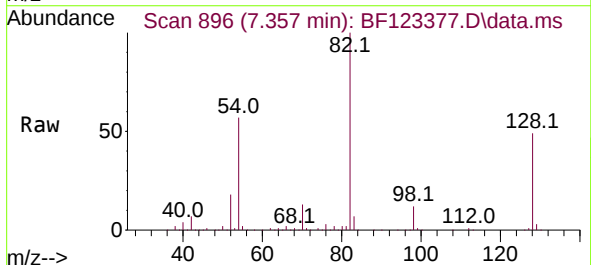


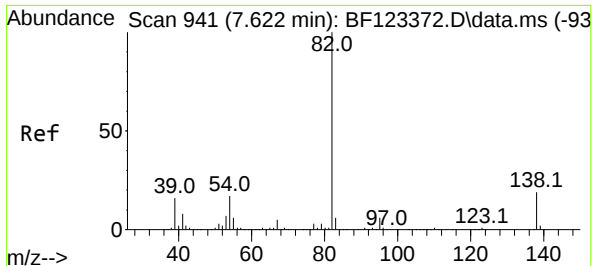
Tgt Ion:136 Resp: 879607
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 5.5 8.3#
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 80.77 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

Tgt Ion: 82 Resp: 1209595
Ion Ratio Lower Upper
82 100
128 48.5 37.0 55.4
54 57.1 38.4 57.6

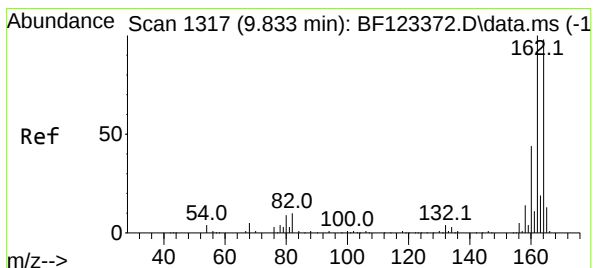
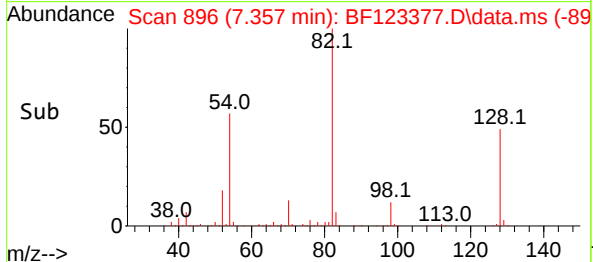
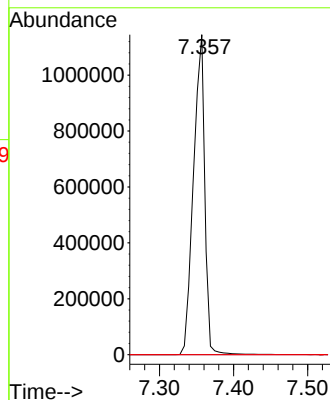
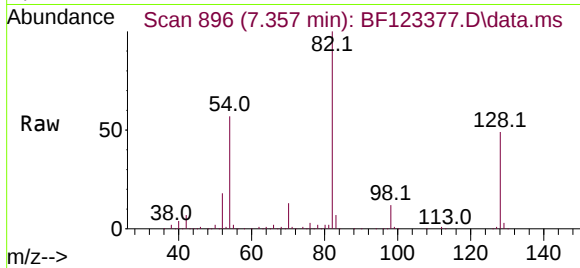




#25
Isophorone
Concen: 38.76 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

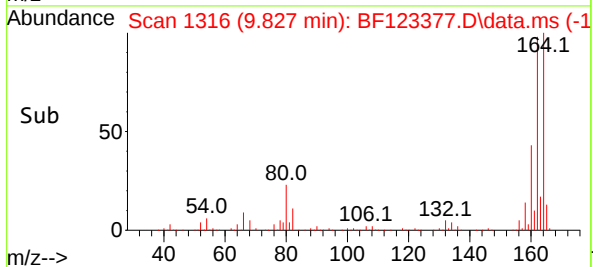
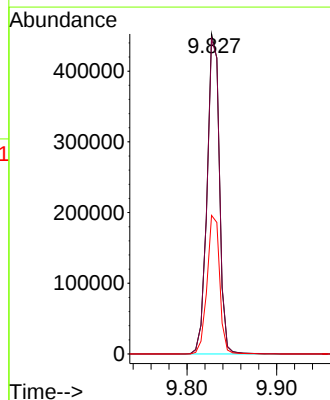
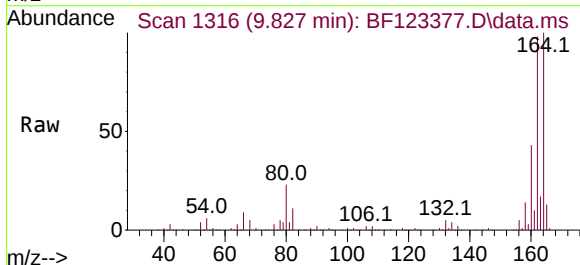
Instrument :
BNA_F
ClientSampleId :
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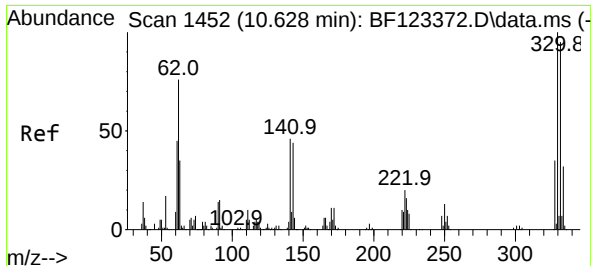
Tgt Ion: 82 Resp: 1204843
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

Tgt Ion: 164 Resp: 431323
Ion Ratio Lower Upper
164 100
162 98.5 80.8 121.2
160 43.3 35.4 53.0

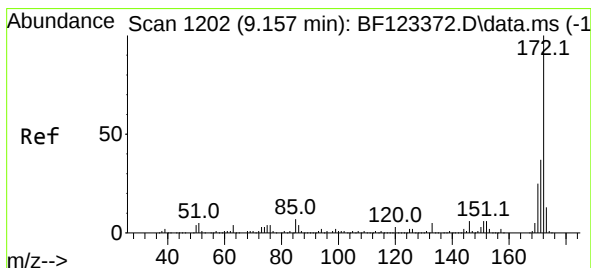
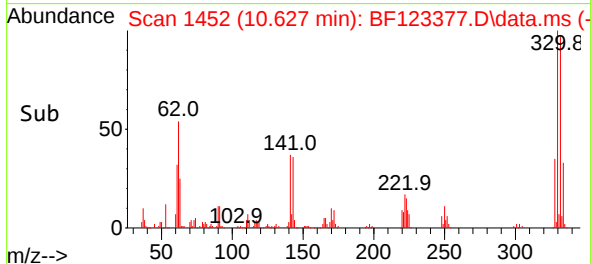
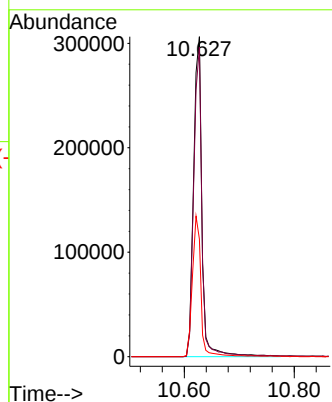
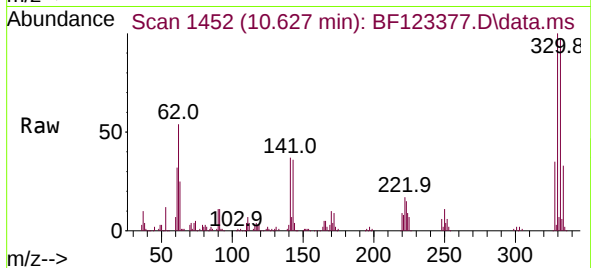




#42
2,4,6-Tribromophenol
Concen: 107.12 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

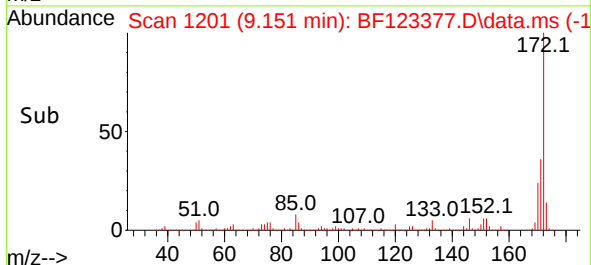
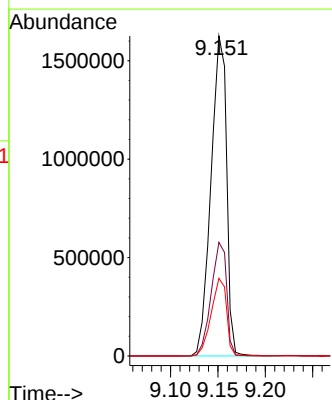
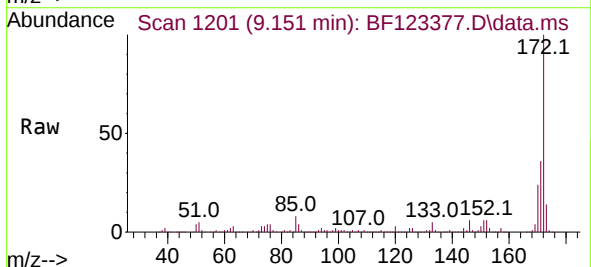
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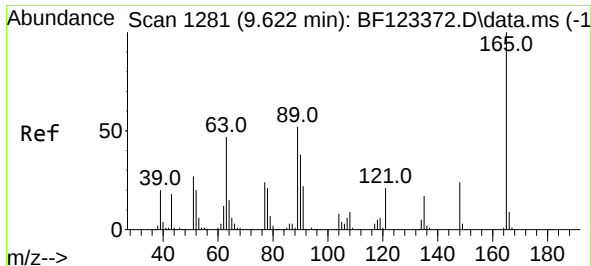
Tgt Ion:330 Resp: 322921
Ion Ratio Lower Upper
330 100
332 94.5 77.5 116.3
141 44.7 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 91.94 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

Tgt Ion:172 Resp: 1861412
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 24.3 19.5 29.3

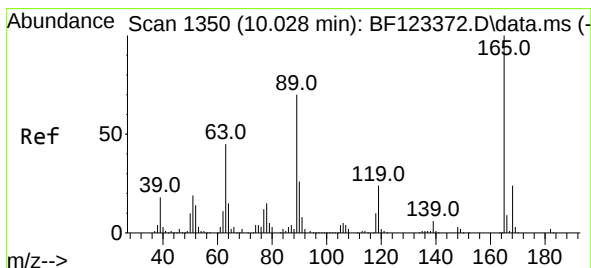
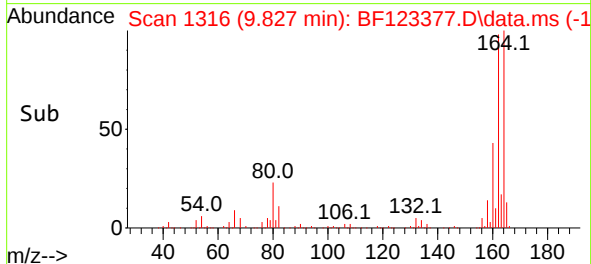
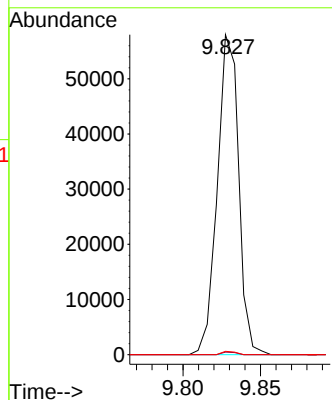
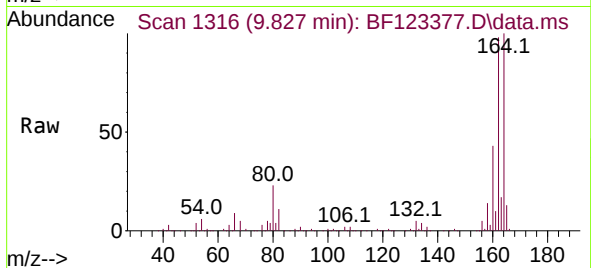




#51
2,6-Dinitrotoluene
Concen: 7.64 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

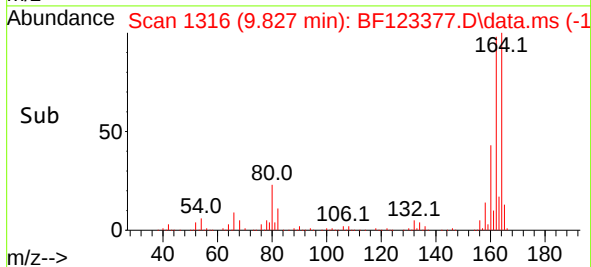
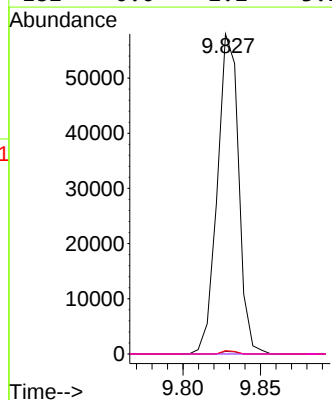
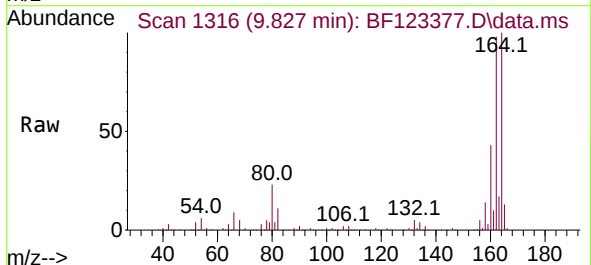
Instrument :
BNA_F
ClientSampleId :
PB135194BL

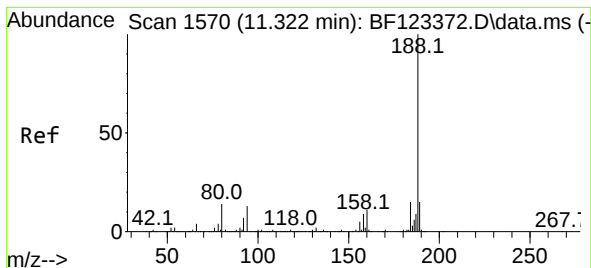
Tgt Ion:165 Resp: 55445
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.201 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

Tgt Ion:165 Resp: 55445
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF123377.D

Acq: 17 Mar 2021 21:09

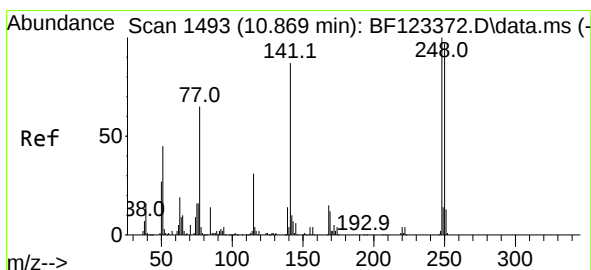
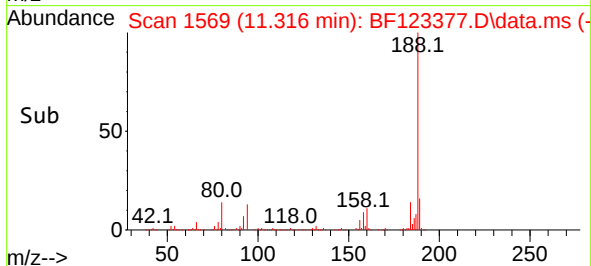
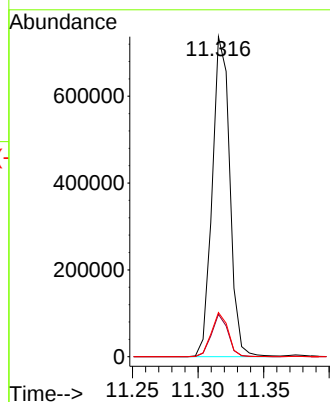
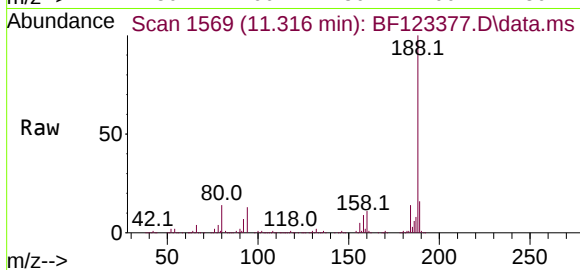
Instrument :

BNA_F

ClientSampleId :

PB135194BL

Tgt Ion:188	Resp: 686464
Ion Ratio	Lower Upper
188 100	
94 13.2	7.4 11.2#
80 13.8	8.2 12.4#



#67

4-Bromophenyl-phenylether

Concen: 3.18 ng

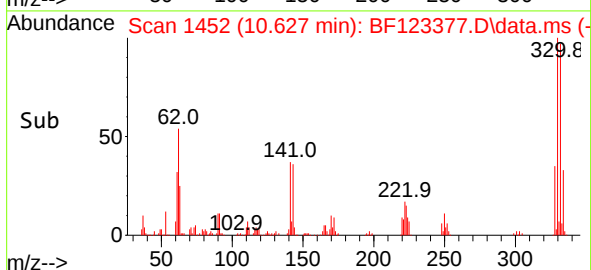
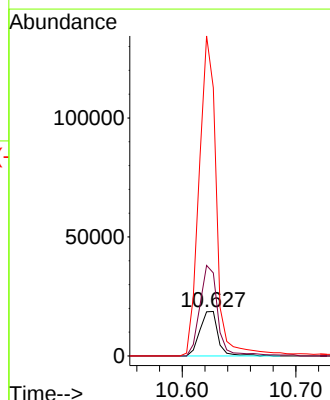
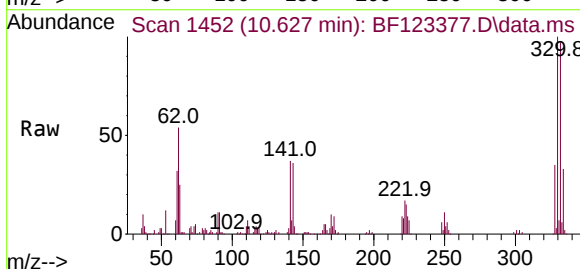
RT: 10.627 min Scan# 1452

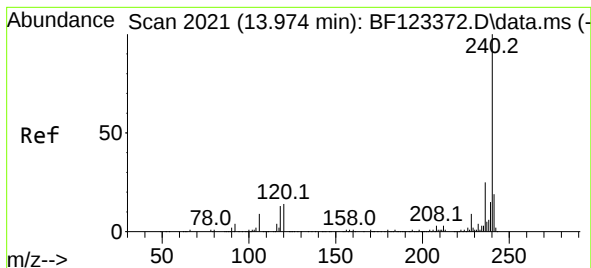
Delta R.T. -0.241 min

Lab File: BF123377.D

Acq: 17 Mar 2021 21:09

Tgt Ion:248	Resp: 20771
Ion Ratio	Lower Upper
248 100	
250 186.6	76.8 115.2#
141 602.6	59.8 89.8#

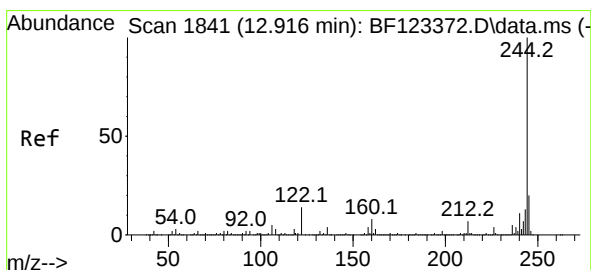
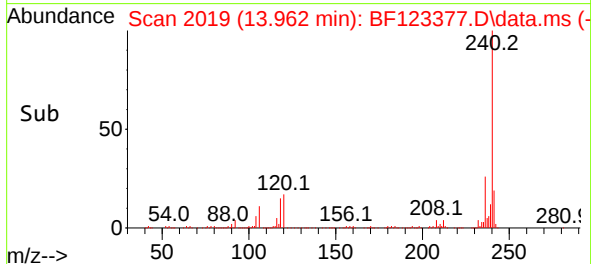
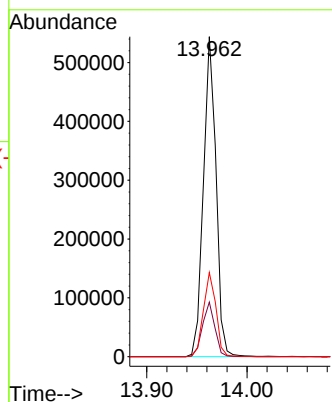
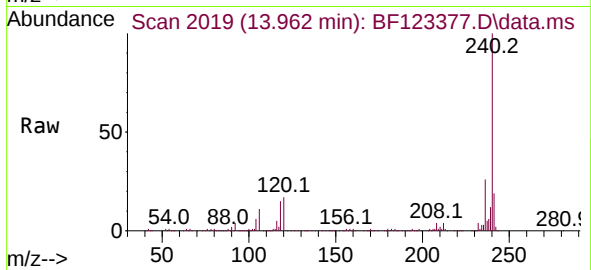




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

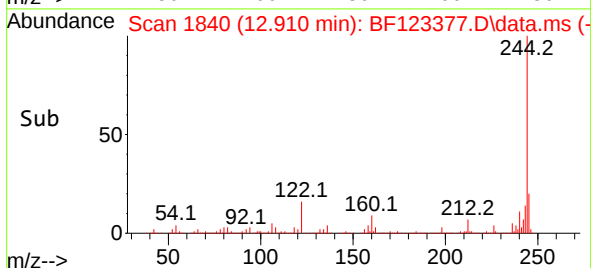
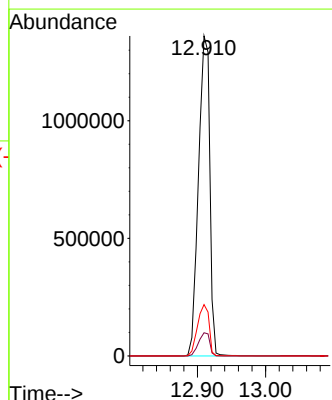
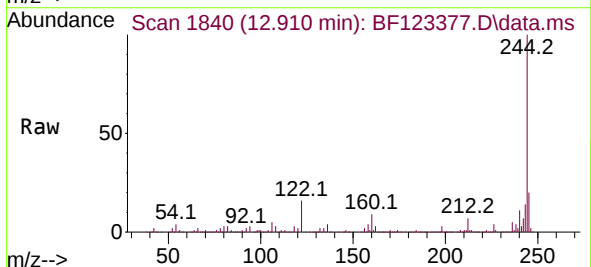
Instrument :
BNA_F
ClientSampleId :
PB135194BL

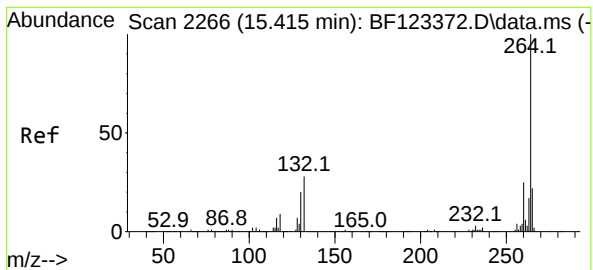
Tgt Ion:240 Resp: 477441
Ion Ratio Lower Upper
240 100
120 17.1 8.6 12.8#
236 26.3 20.3 30.5



#79
Terphenyl-d14
Concen: 63.98 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

Tgt Ion:244 Resp: 1568736
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 16.1 8.3 12.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BF123377.D
Acq: 17 Mar 2021 21:09

Instrument :
BNA_F
ClientSampleId :
PB135194BL

Tgt Ion:264 Resp: 370716

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.9	17.0	25.6

