

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
 Data File : BF123393.D
 Acq On : 18 Mar 2021 20:27
 Operator : JU/CG
 Sample : M1686-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-VAN-WINKLE-STREETRE

Quant Time: Mar 19 00:20:13 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)

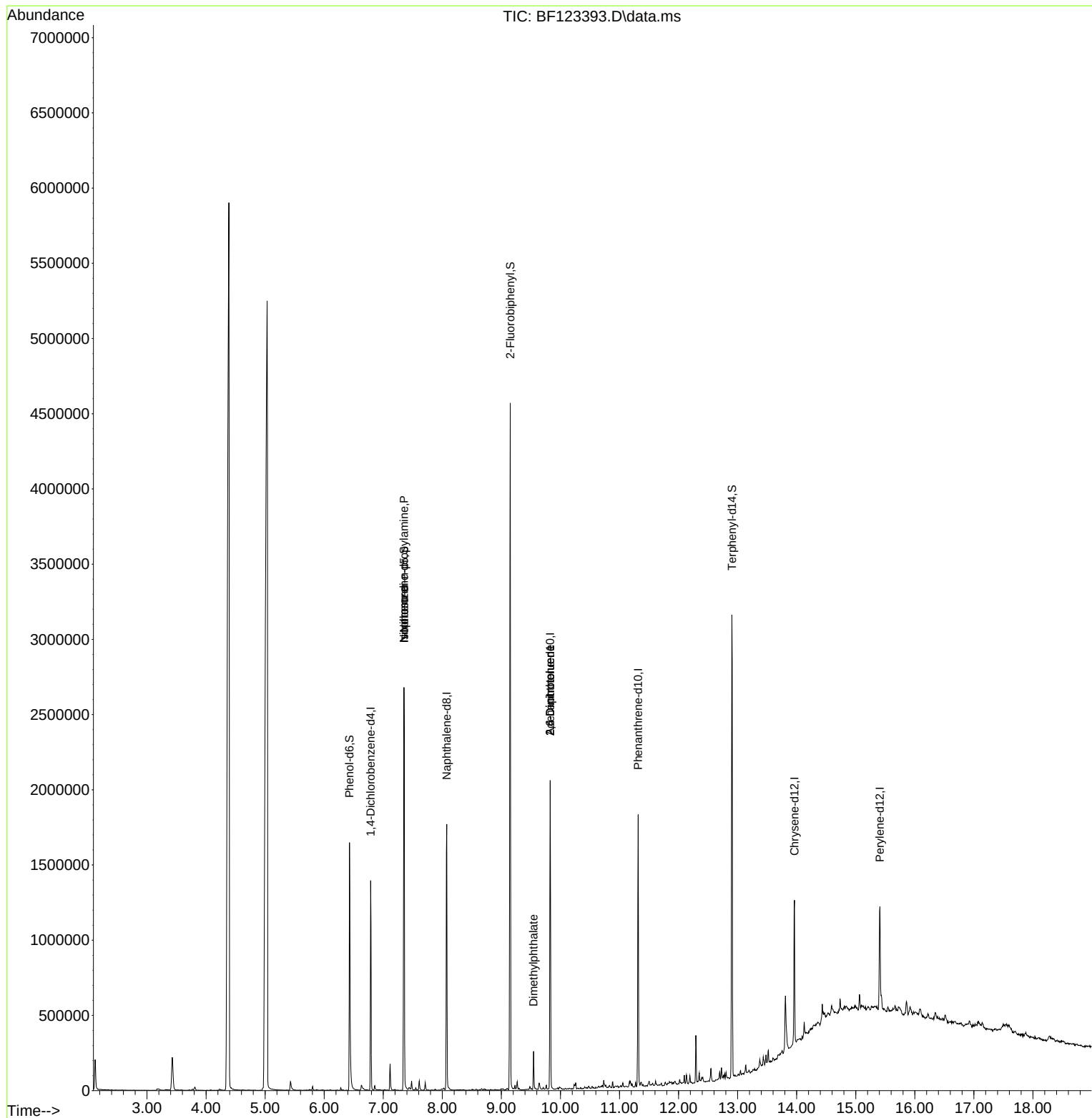
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	207680	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	843723	20.00	ng	# 0.00
39) Acenaphthene-d10	9.827	164	407517	20.00	ng	0.00
64) Phenanthrene-d10	11.316	188	613420	20.00	ng	# 0.00
76) Chrysene-d12	13.963	240	334559	20.00	ng	#-0.01
86) Perylene-d12	15.409	264	310950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	28329	1.94	ng	0.01
7) Phenol-d6	6.428	99	595415	31.34	ng	-0.02
23) Nitrobenzene-d5	7.351	82	902856	62.85	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.151	172	1412267	67.32	ng	0.00
79) Terphenyl-d14	12.904	244	1059593	61.67	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	682	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	115603	11.09	ng	# 84
20) 3+4-Methylphenols	7.481	107	427	Below Cal	#	1
25) Isophorone	7.351	82	898976	30.15	ng	# 65
50) Dimethylphthalate	9.545	163	96374	3.35	ng	99
51) 2,6-Dinitrotoluene	9.827	165	53258	7.77	ng	# 31
55) Dibenzofuran	10.033	168	249	Below Cal	#	37
57) 2,4-Dinitrotoluene	9.827	165	53258	6.09	ng	# 25
75) Fluoranthene	12.533	202	5630	Below Cal		83

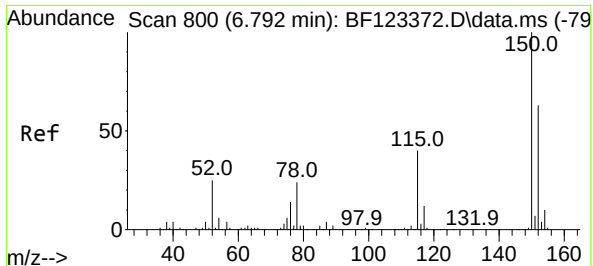
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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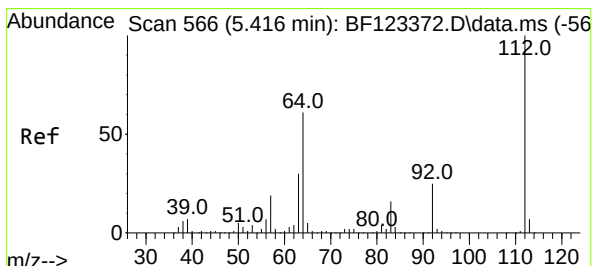
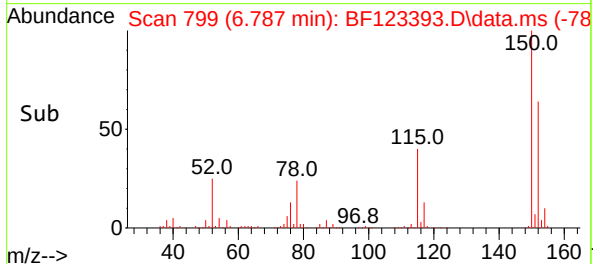
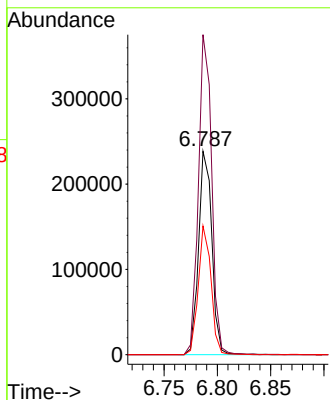
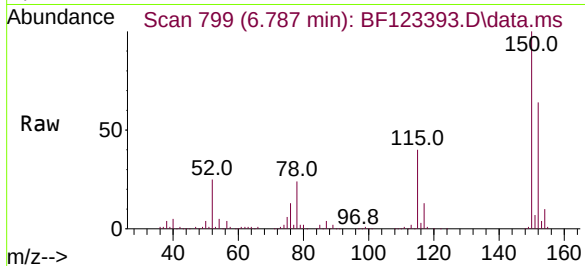




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

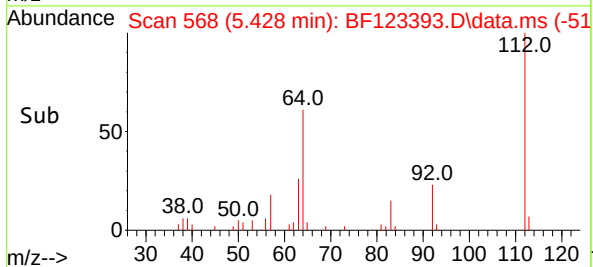
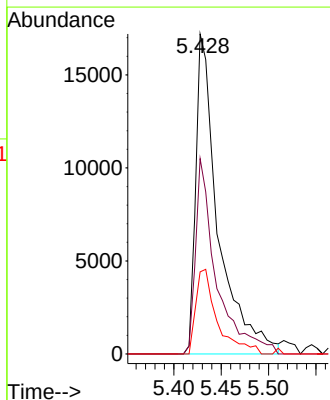
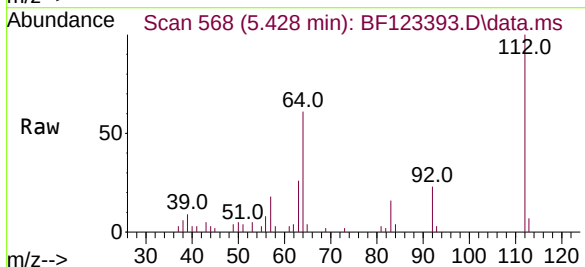
Instrument :
BNA_F
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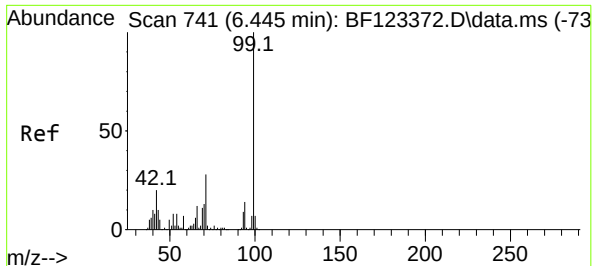
Tgt Ion:152 Resp: 207680
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.6
115 63.3 49.3 73.9



#5
2-Fluorophenol
Concen: 1.94 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

Tgt Ion:112 Resp: 28329
Ion Ratio Lower Upper
112 100
64 61.0 46.9 70.3
63 25.6 24.5 36.7

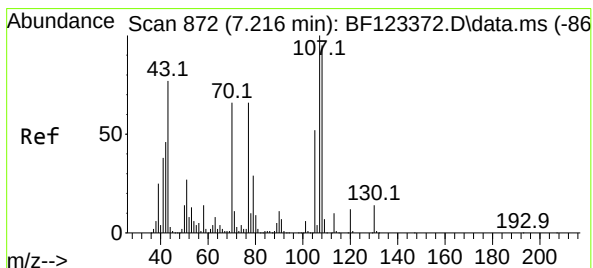
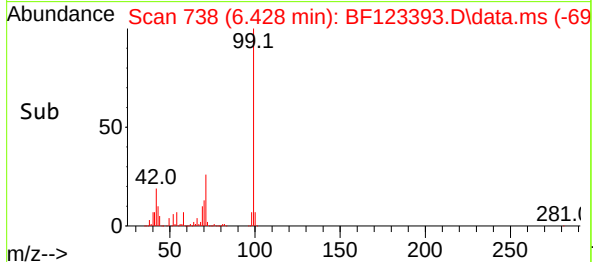
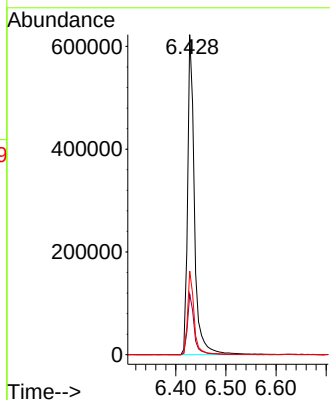
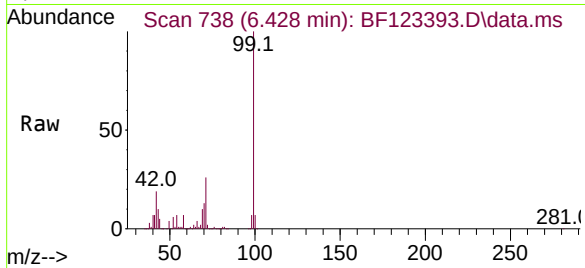




#7
Phenol-d6
Concen: 31.34 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

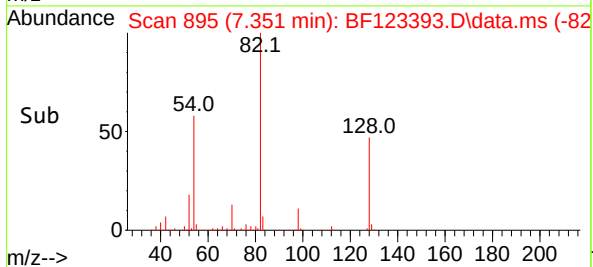
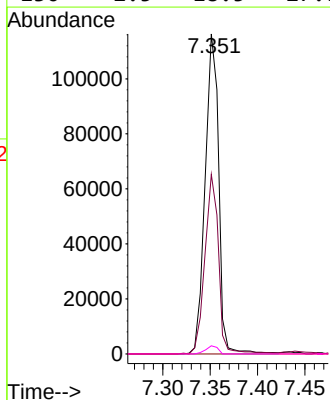
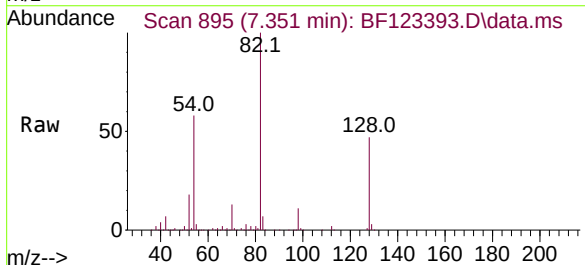
Instrument :
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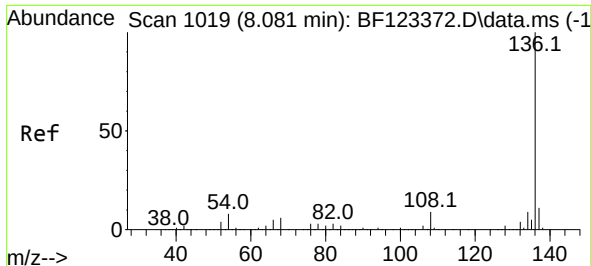
Tgt Ion: 99 Resp: 595415
Ion Ratio Lower Upper
99 100
42 19.0 13.8 20.6
71 26.2 26.9 40.3#



#19
n-Nitroso-di-n-propylamine
Concen: 11.09 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

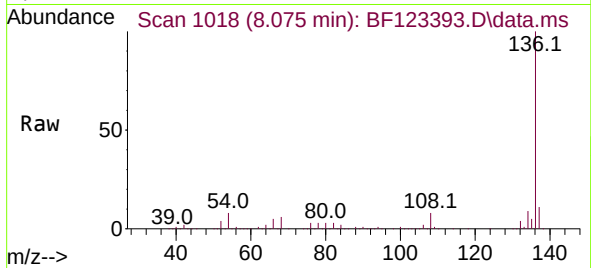
Tgt Ion: 70 Resp: 115603
Ion Ratio Lower Upper
70 100
42 56.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.5 18.5 27.7#



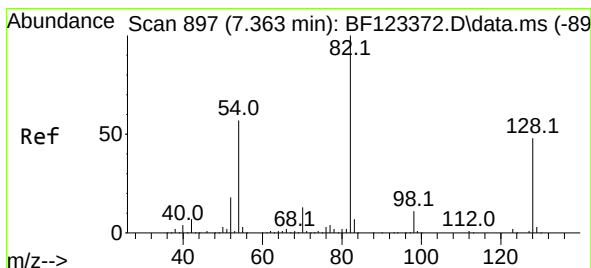
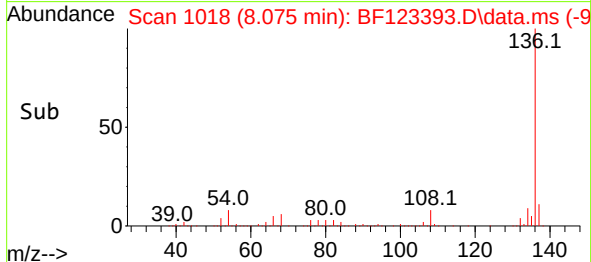
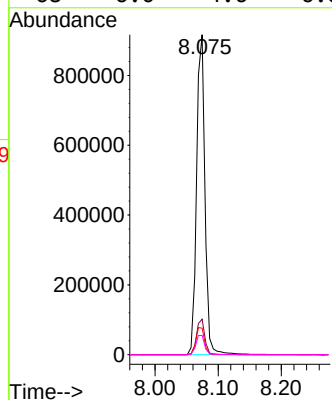


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

Instrument :
BNA_F
ClientSampleId :
SW-VAN-WINKLE-STREETRE

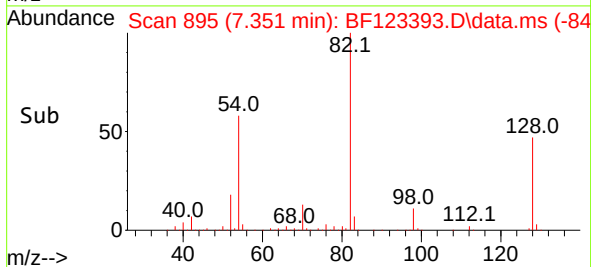
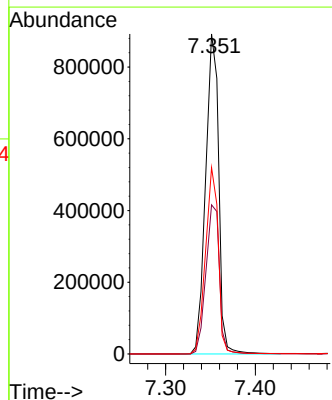
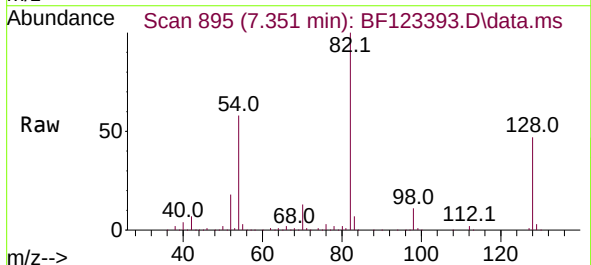


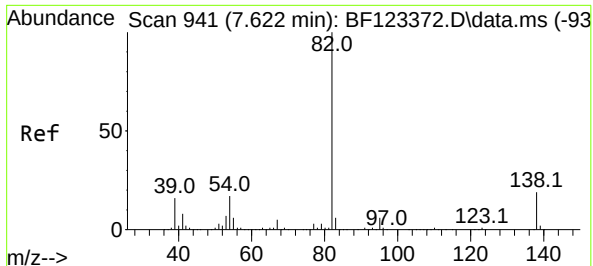
Tgt Ion:136 Resp: 843723
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 5.5 8.3#
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 62.85 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

Tgt Ion: 82 Resp: 902856
Ion Ratio Lower Upper
82 100
128 46.6 37.0 55.4
54 58.2 38.4 57.6#

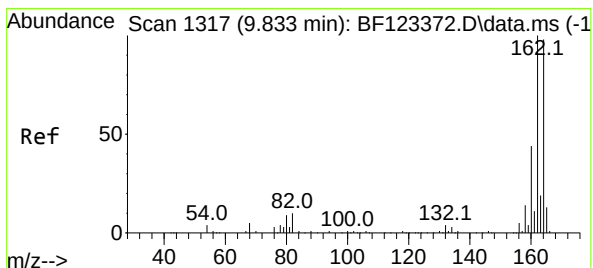
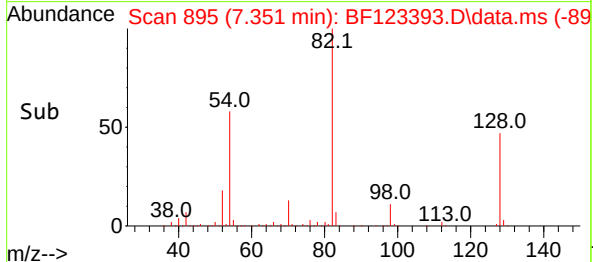
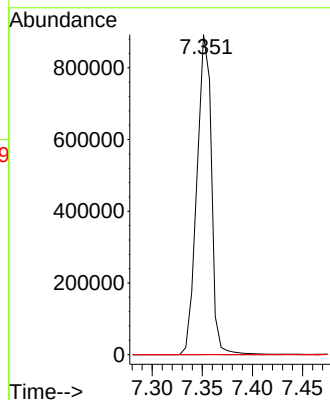
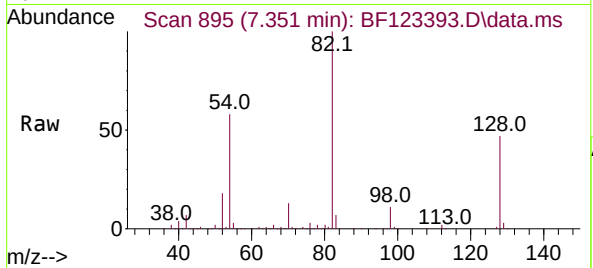




#25
Isophorone
Concen: 30.15 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

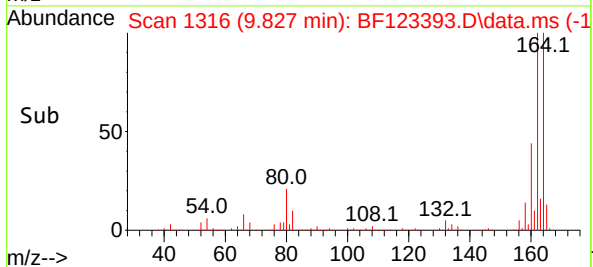
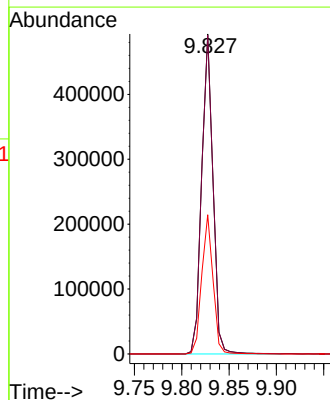
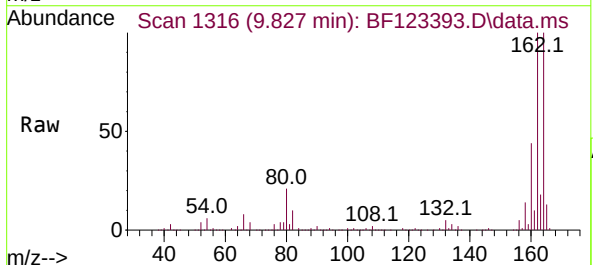
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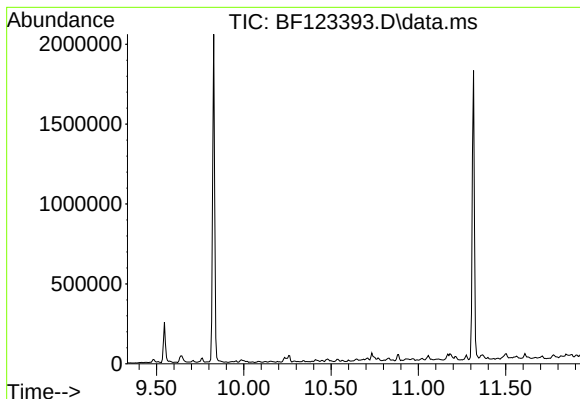
Tgt Ion: 82 Resp: 898976
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

Tgt Ion: 164 Resp: 407517
Ion Ratio Lower Upper
164 100
162 99.6 80.8 121.2
160 43.5 35.4 53.0



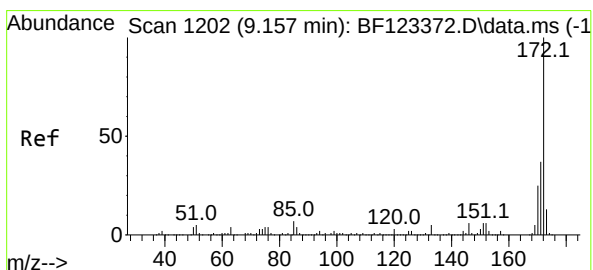
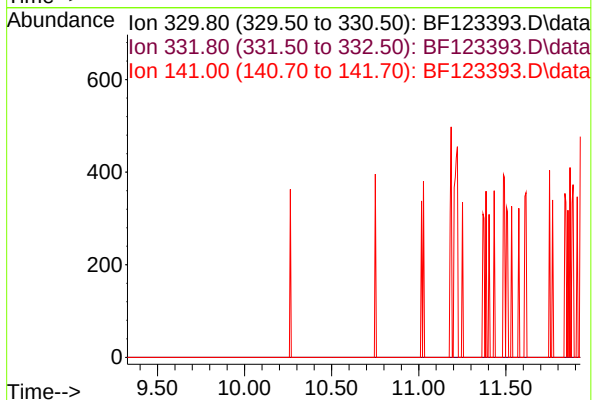


#42
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.63 min
 Lab File: BF123393.D
 Acq: 18 Mar 2021 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SW-VAN-WINKLE-STREETRE

Tgt Ion: 330

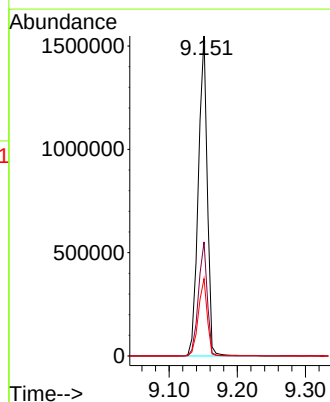
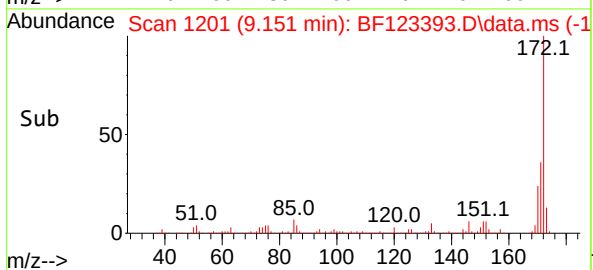
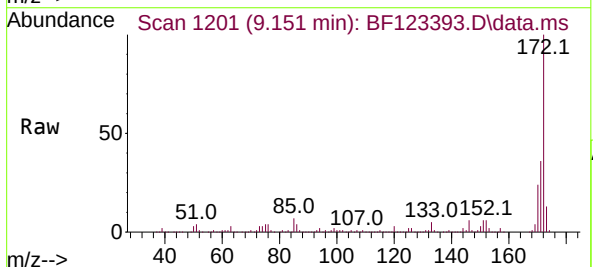
Sig	Exp Ratio
330	100
332	96.9
141	29.8

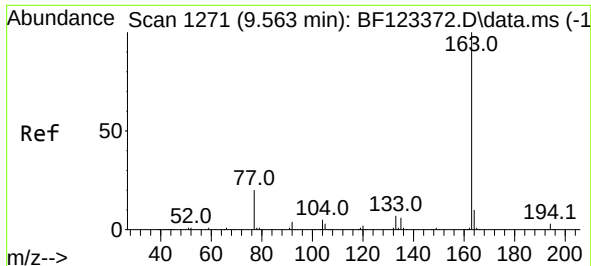


#45
 2-Fluorobiphenyl
 Concen: 67.32 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BF123393.D
 Acq: 18 Mar 2021 20:27

Tgt Ion: 172 Resp: 1412267

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.1	19.5	29.3

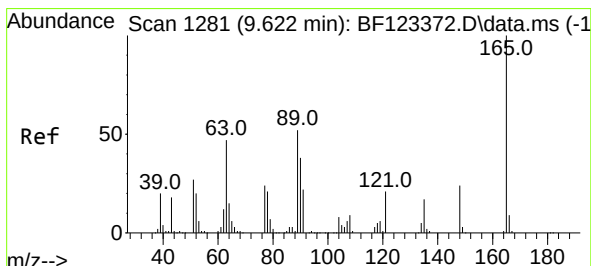
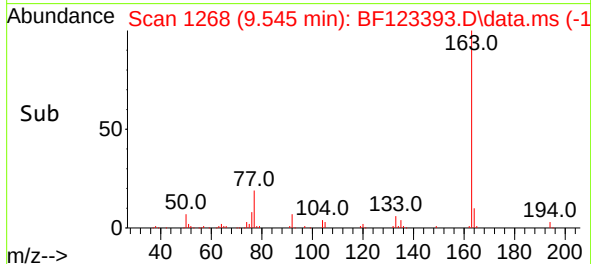
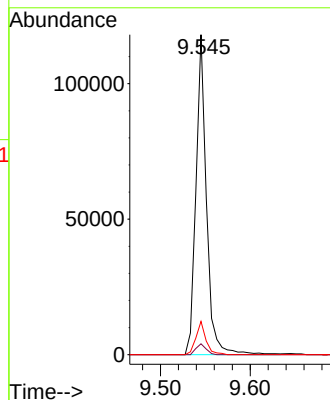
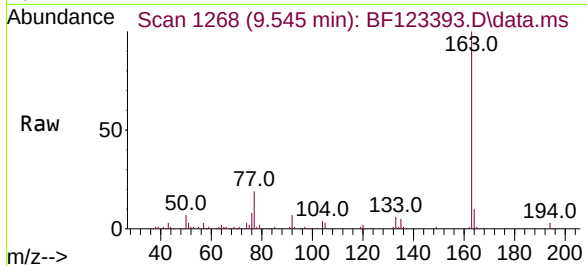




#50
Dimethylphthalate
Concen: 3.35 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

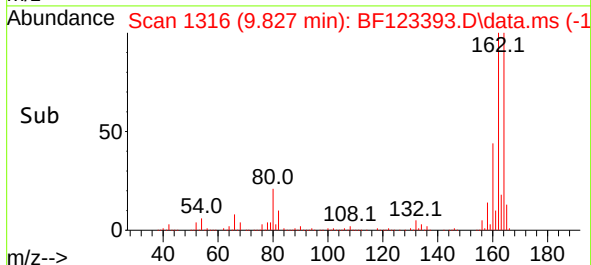
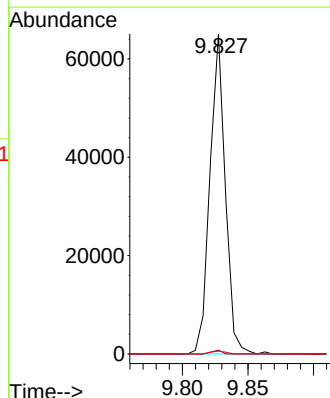
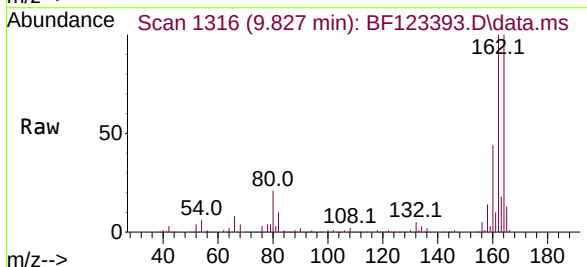
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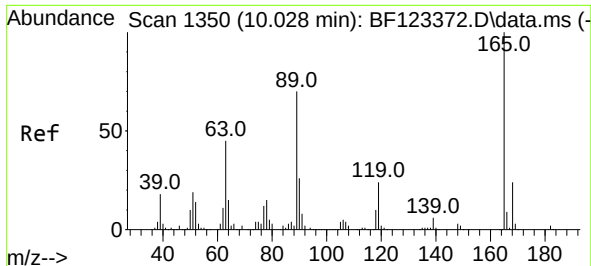
Tgt Ion:163 Resp: 96374
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.0
164 10.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

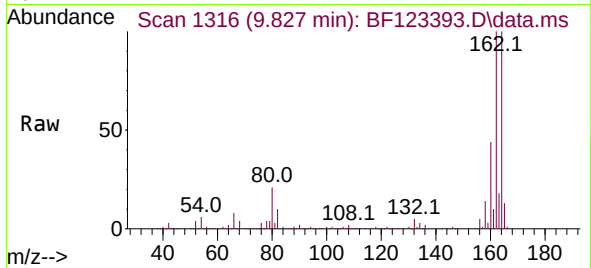
Tgt Ion:165 Resp: 53258
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 0.9 39.4 59.0#



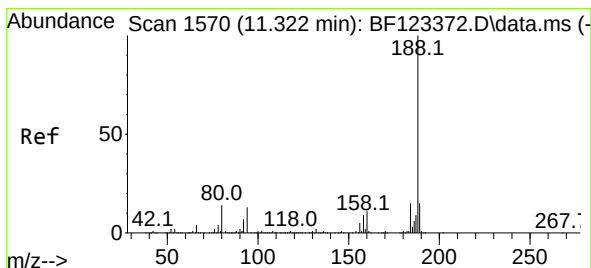
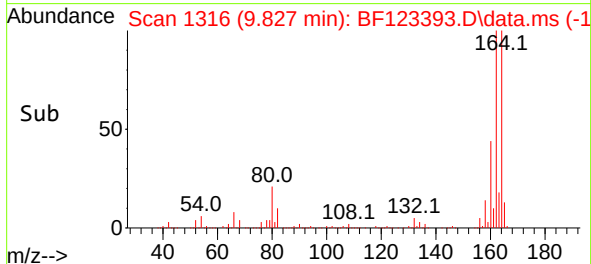
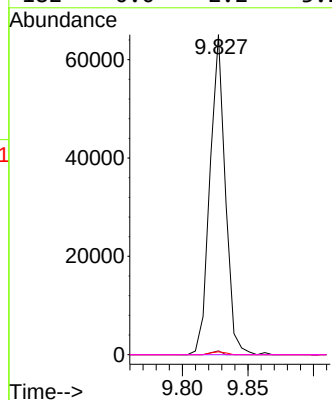


#57
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.201 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

Instrument :
BNA_F
ClientSampleId :
SW-VAN-WINKLE-STREETRE

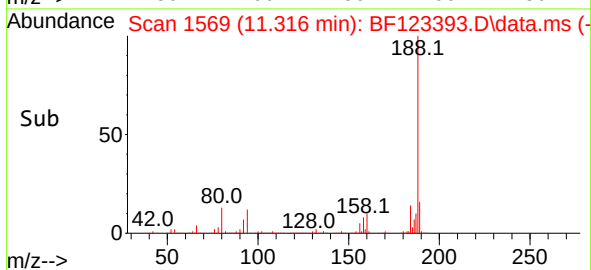
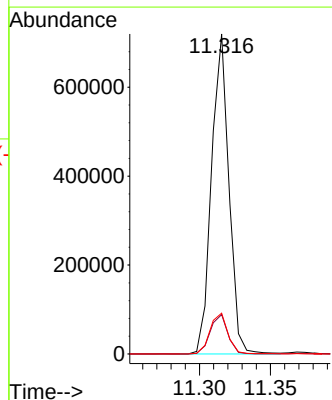
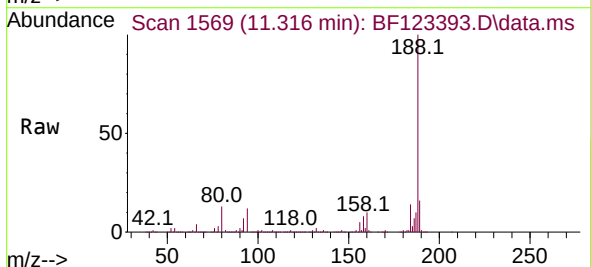


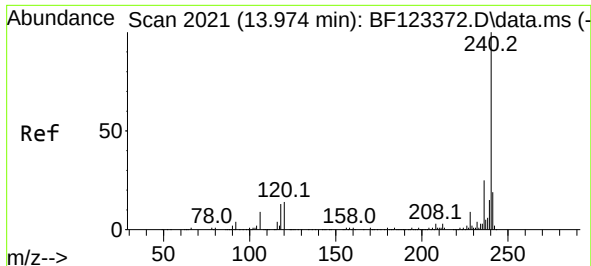
Tgt Ion:165	Resp:	53258
Ion Ratio	Lower	Upper
165	100	
63	1.2	34.3 51.5#
89	0.9	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

Tgt Ion:188	Resp:	613420
Ion Ratio	Lower	Upper
188	100	
94	12.3	7.4 11.2#
80	12.7	8.2 12.4#

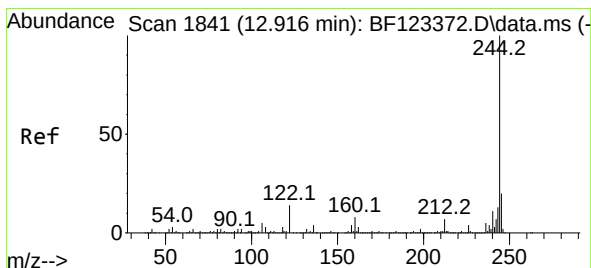
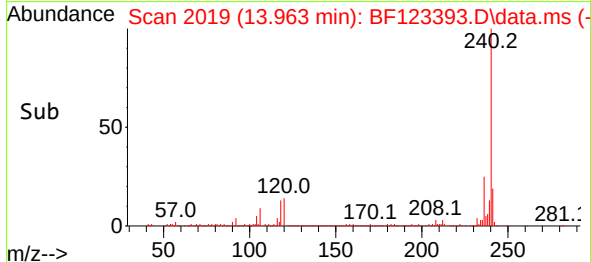
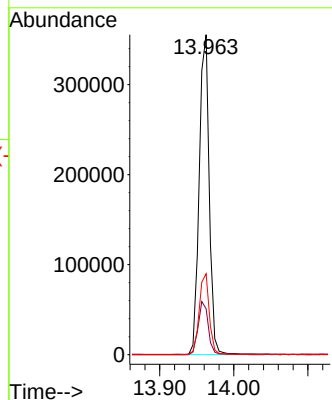
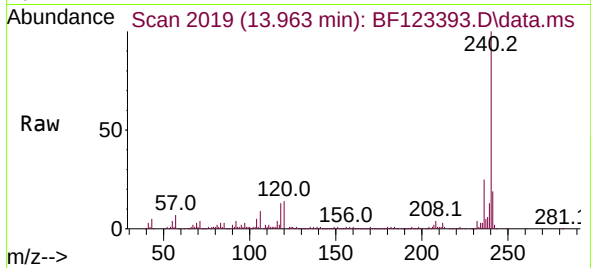




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

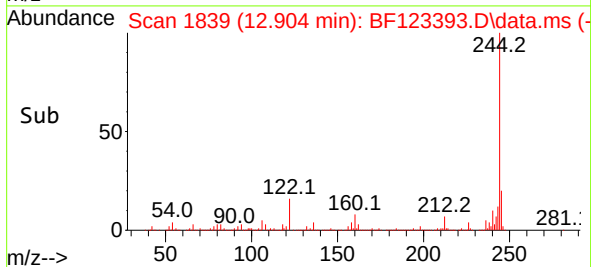
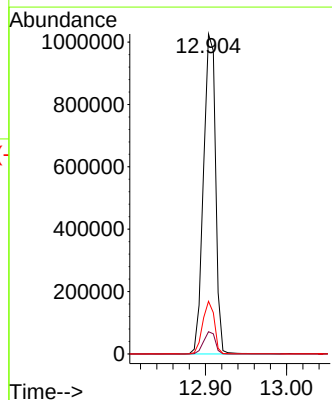
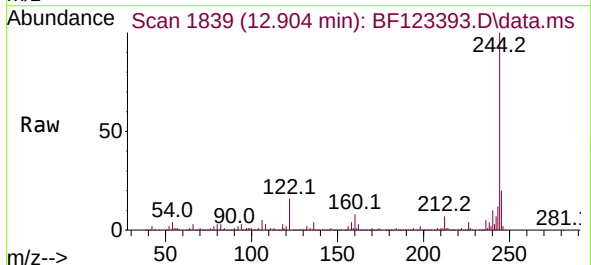
Instrument :
BNA_F
ClientSampleId :
SW-VAN-WINKLE-STREETRE

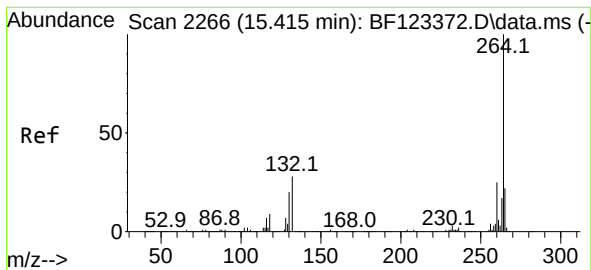
Tgt Ion:240 Resp: 334559
Ion Ratio Lower Upper
240 100
120 14.4 8.6 12.8#
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 61.67 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

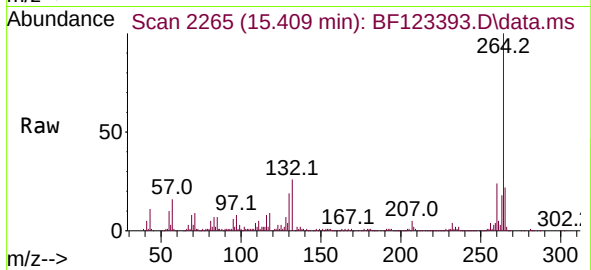
Tgt Ion:244 Resp: 1059593
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 16.5 8.3 12.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BF123393.D
Acq: 18 Mar 2021 20:27

Instrument :
BNA_F
ClientSampleId :
SW-VAN-WINKLE-STREETRE



Tgt Ion:264	Resp:	310950
Ion	Ratio	Lower Upper
264	100	
260	24.3	18.6 28.0
265	22.0	17.0 25.6

