

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123274.D
 Acq On : 23 Feb 2021 11:04
 Operator : JU/CG
 Sample : PB134764BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134764BL

Quant Time: Feb 23 12:21:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

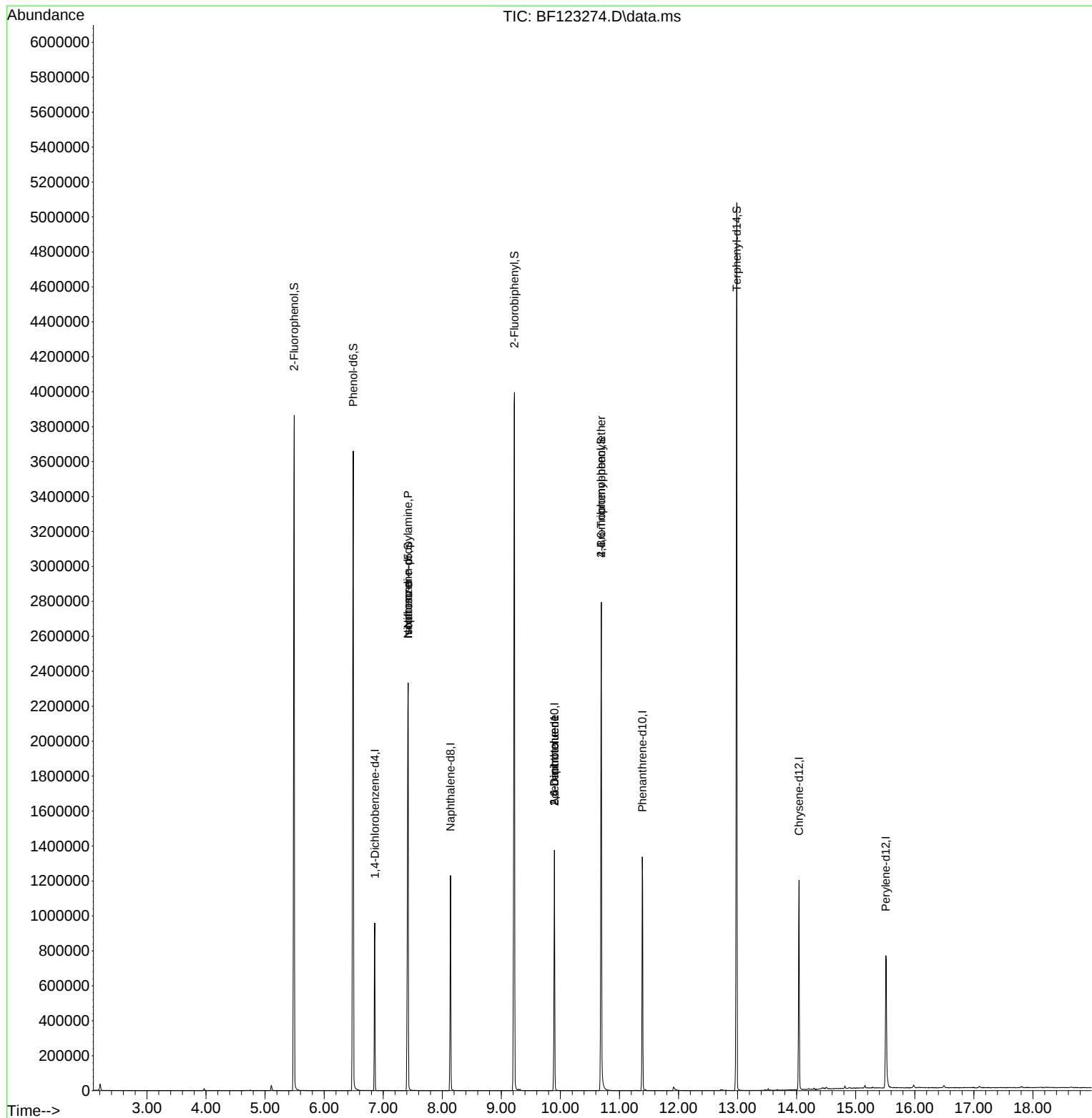
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	129975	20.00	ng	0.00
21) Naphthalene-d8	8.140	136	524372	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	266483	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	495240	20.00	ng	0.00
76) Chrysene-d12	14.039	240	393955	20.00	ng	0.00
86) Perylene-d12	15.510	264	366015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1070380	118.54	ng	0.02
7) Phenol-d6	6.493	99	1352386	110.24	ng	0.00
23) Nitrobenzene-d5	7.422	82	911572	79.58	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	312918	115.32	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1436708	77.44	ng	0.00
79) Terphenyl-d14	12.986	244	1525922	74.48	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.493	77	2547	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.422	70	126371	17.32	ng	# 77
25) Isophorone	7.422	82	901943	42.11	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	33305	7.25	ng	# 31
57) 2,4-Dinitrotoluene	9.898	165	33305	5.39	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	23700	4.39	ng	# 1

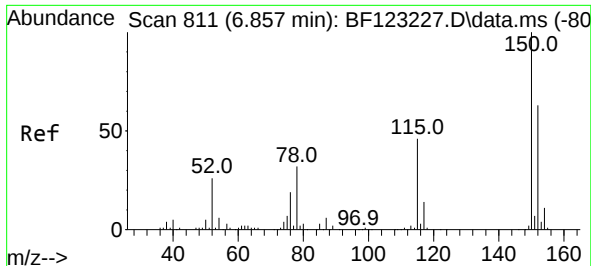
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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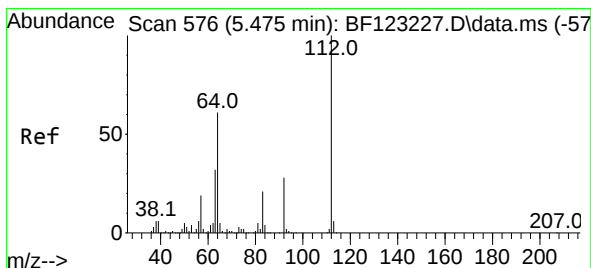
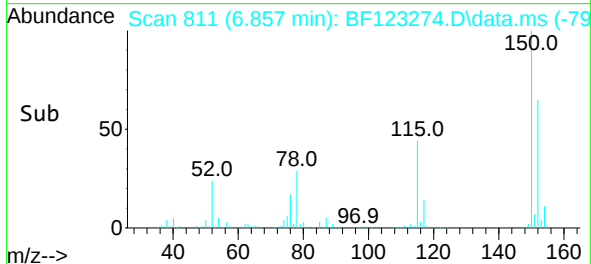
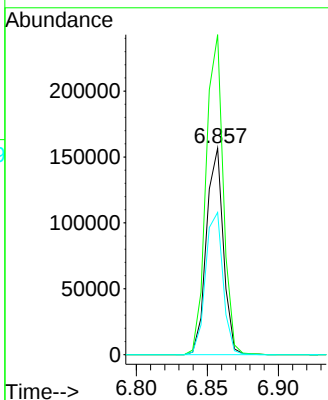
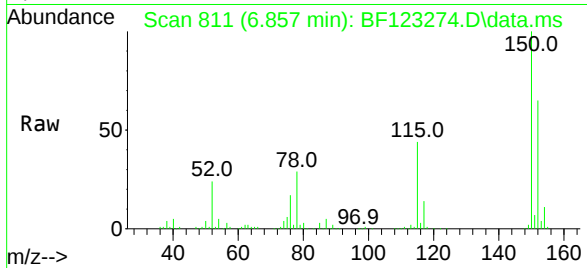




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

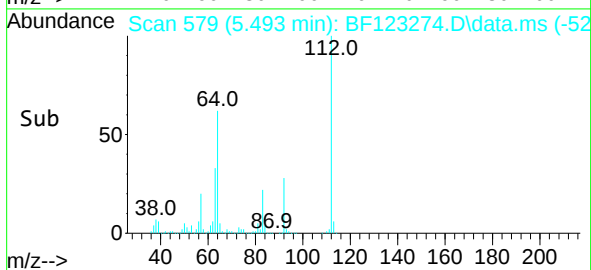
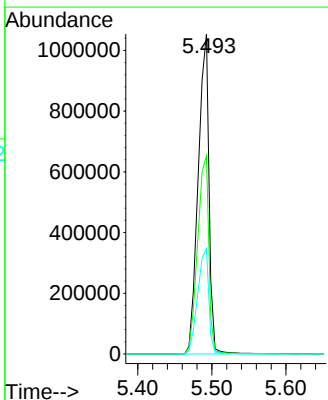
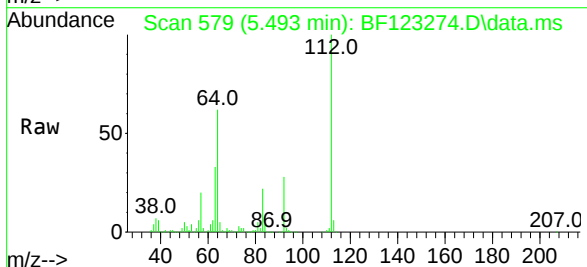
Instrument :
BNA_F
ClientSampleId :
PB134764BL

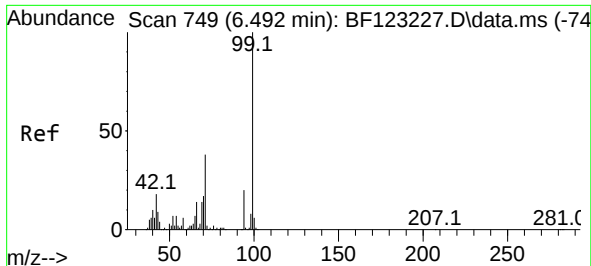
Tgt Ion:152 Resp: 129975
Ion Ratio Lower Upper
152 100
150 154.9 125.8 188.6
115 68.9 49.3 73.9



#5
2-Fluorophenol
Concen: 118.54 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

Tgt Ion:112 Resp: 1070380
Ion Ratio Lower Upper
112 100
64 62.0 46.9 70.3
63 33.0 24.5 36.7

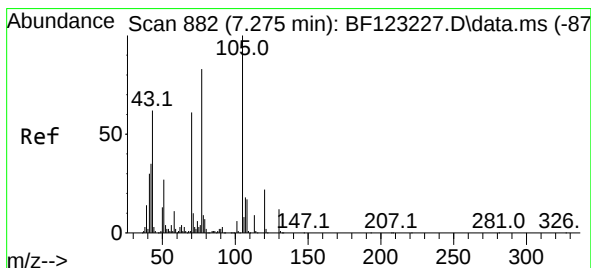
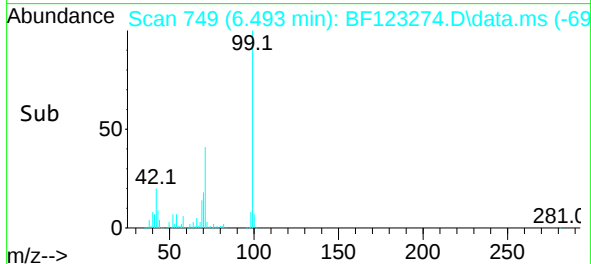
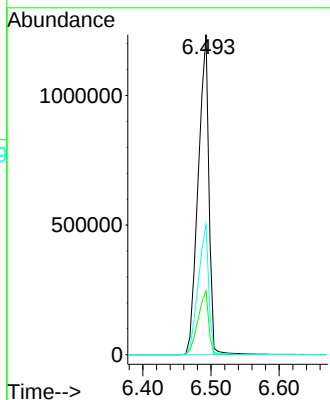
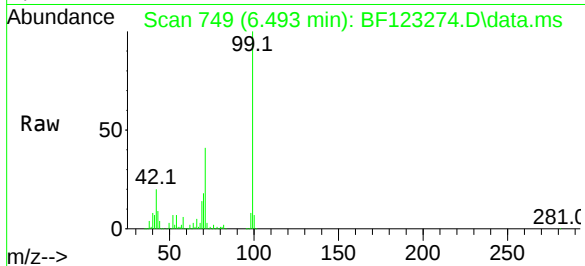




#7
Phenol-d6
Concen: 110.24 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

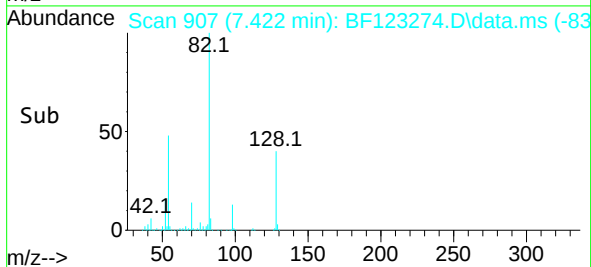
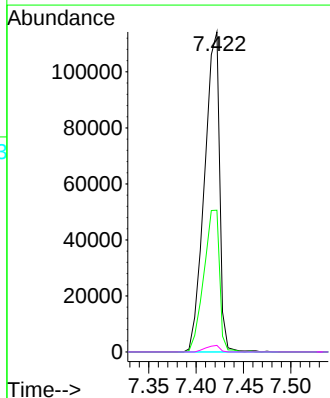
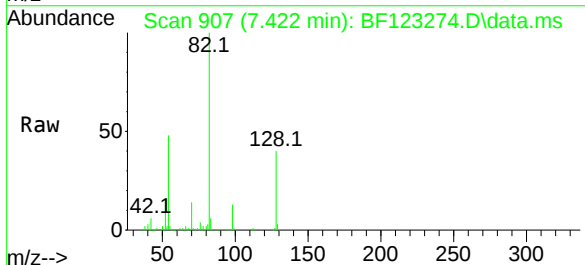
Instrument :
BNA_F
ClientSampleId :
PB134764BL

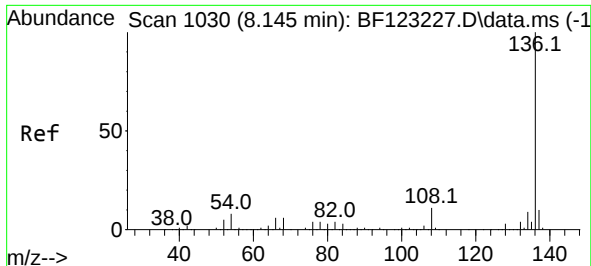
Tgt Ion: 99 Resp: 1352386
Ion Ratio Lower Upper
99 100
42 19.9 13.8 20.6
71 40.6 26.9 40.3#



#19
n-Nitroso-di-n-propylamine
Concen: 17.32 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

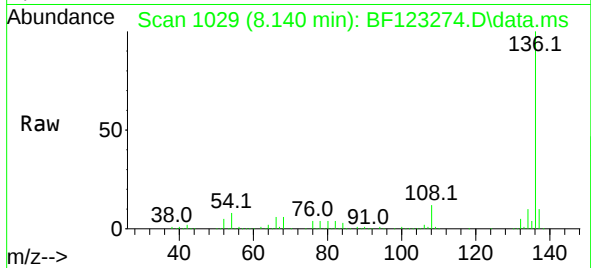
Tgt Ion: 70 Resp: 126371
Ion Ratio Lower Upper
70 100
42 44.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



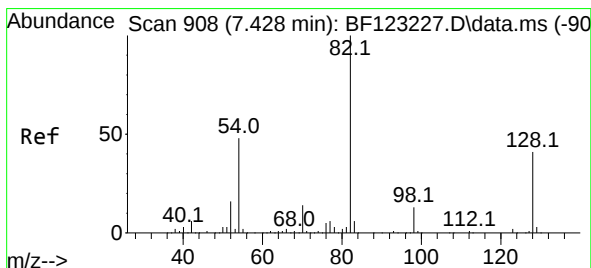
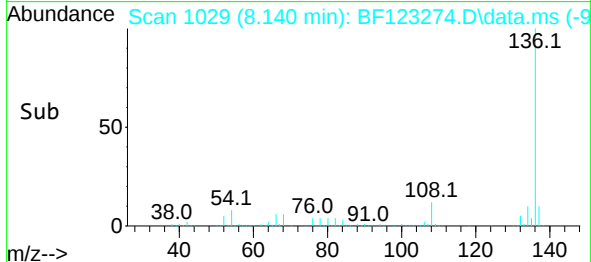
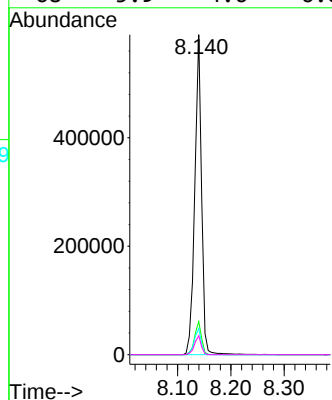


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

Instrument :
BNA_F
ClientSampleId :
PB134764BL

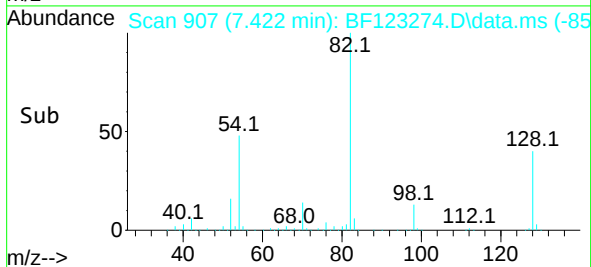
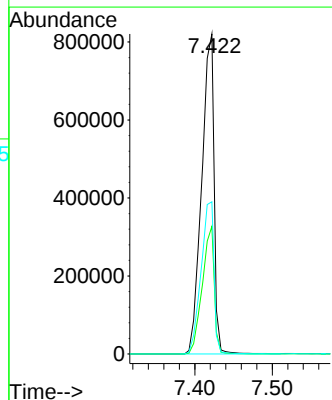
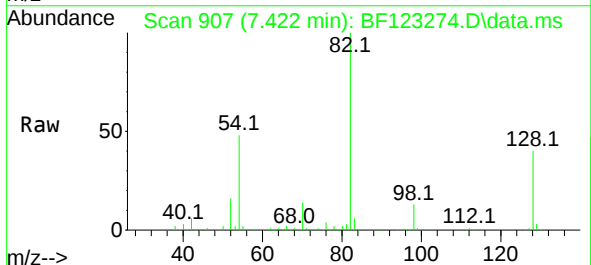


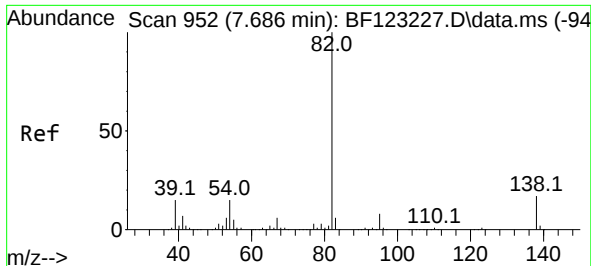
Tgt Ion:136 Resp: 524372
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.2 5.5 8.3
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 79.58 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

Tgt Ion: 82 Resp: 911572
Ion Ratio Lower Upper
82 100
128 39.9 37.0 55.4
54 47.5 38.4 57.6

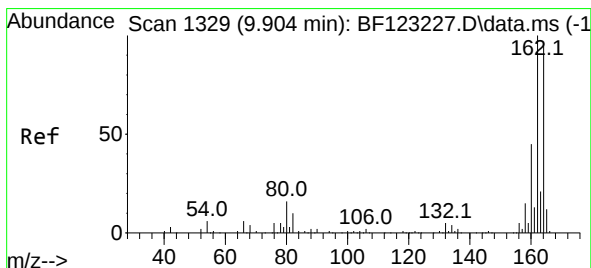
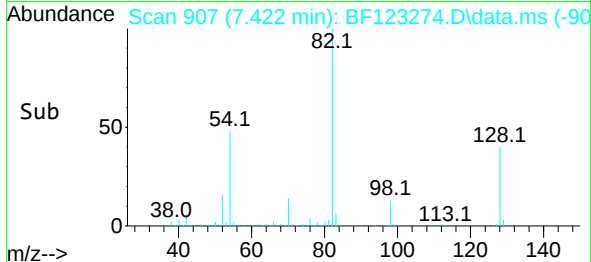
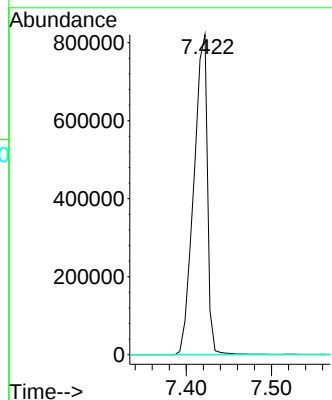
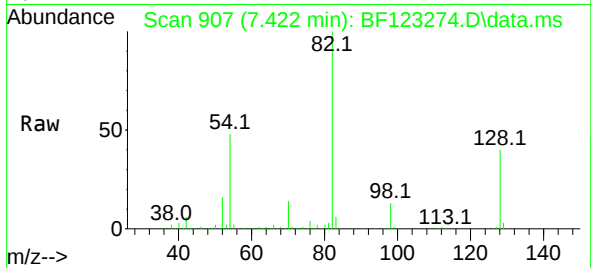




#25
Isophorone
Concen: 42.11 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

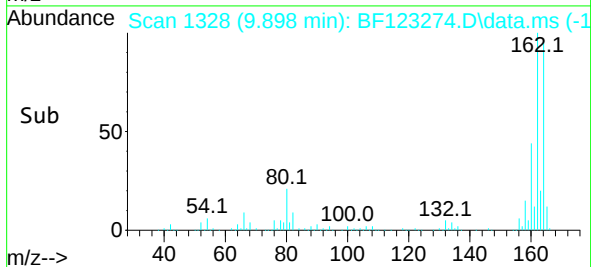
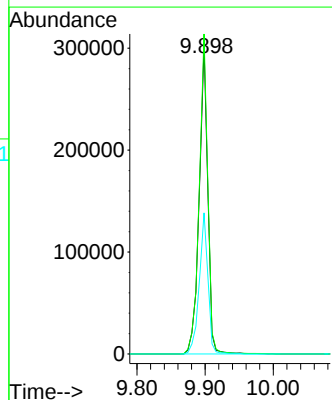
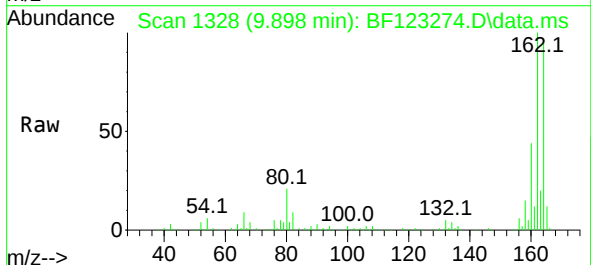
Instrument :
BNA_F
ClientSampleId :
PB134764BL

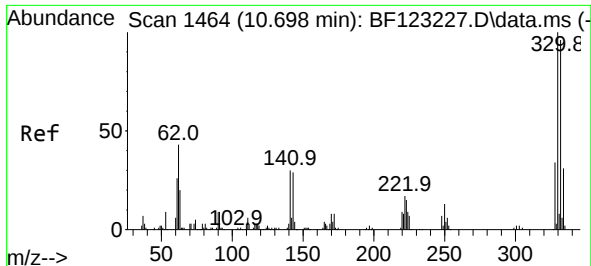
Tgt Ion: 82 Resp: 901943
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

Tgt Ion: 164 Resp: 266483
Ion Ratio Lower Upper
164 100
162 103.8 80.8 121.2
160 45.7 35.4 53.0

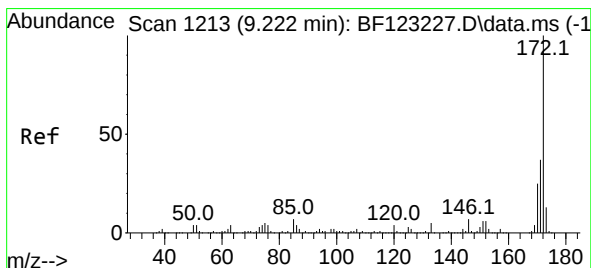
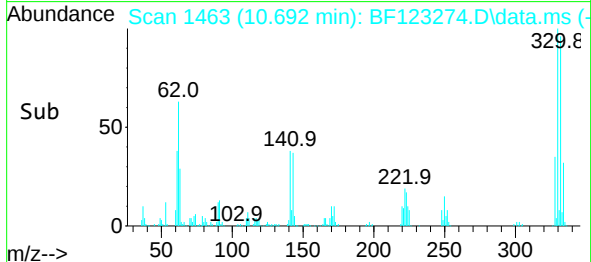
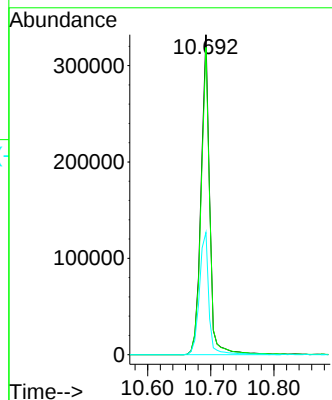
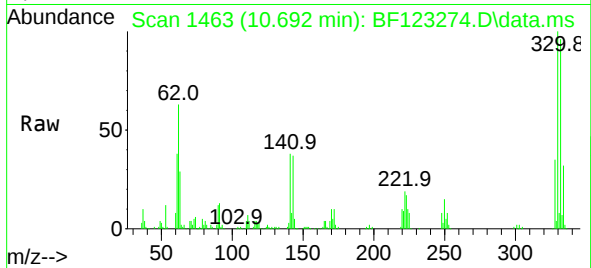




#42
 2,4,6-Tribromophenol
 Concen: 115.32 ng
 RT: 10.692 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF123274.D
 Acq: 23 Feb 2021 11:04

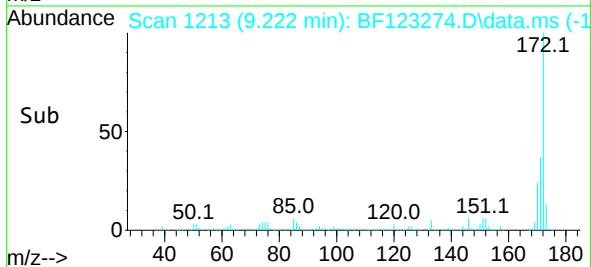
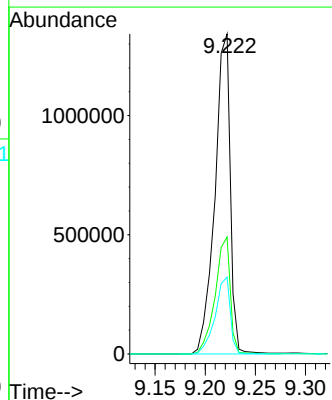
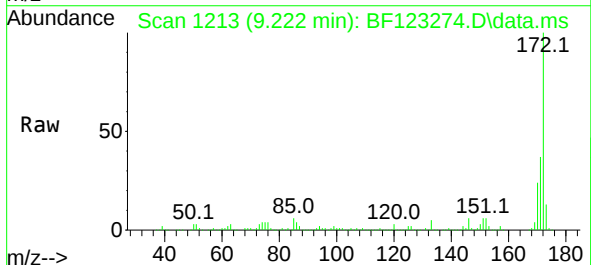
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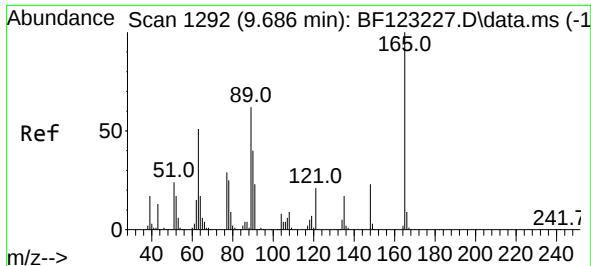
Tgt Ion: 330 Resp: 312918
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.5 116.3
 141 42.1 23.8 35.8#



#45
 2-Fluorobiphenyl
 Concen: 77.44 ng
 RT: 9.222 min Scan# 1213
 Delta R.T. 0.000 min
 Lab File: BF123274.D
 Acq: 23 Feb 2021 11:04

Tgt Ion: 172 Resp: 1436708
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.0 19.5 29.3

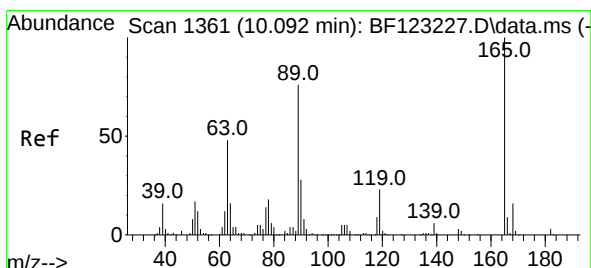
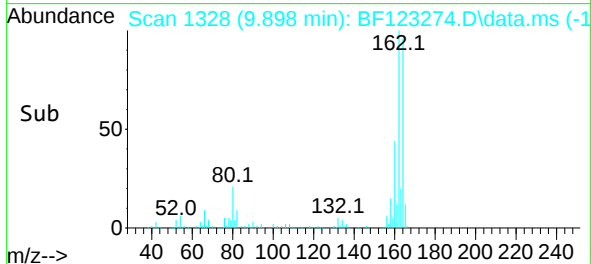
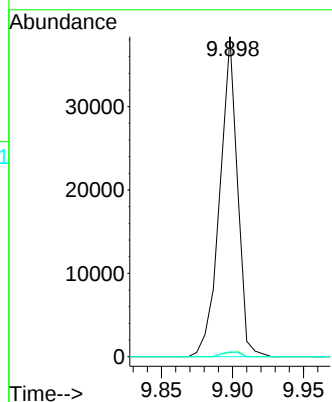
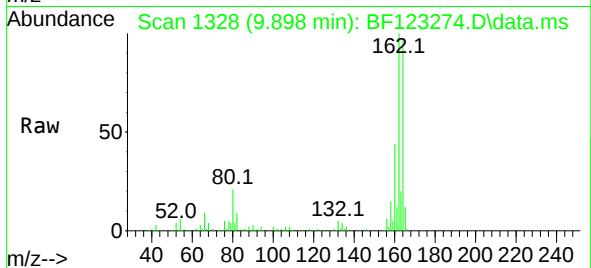




#51
2,6-Dinitrotoluene
Concen: 7.25 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

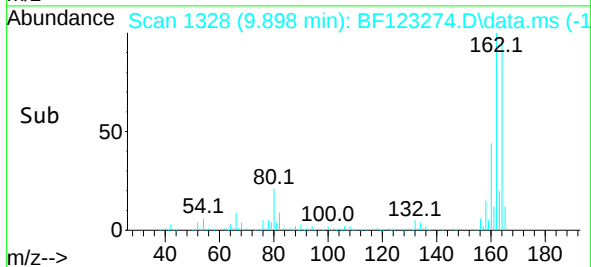
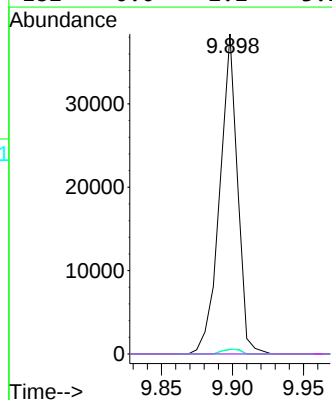
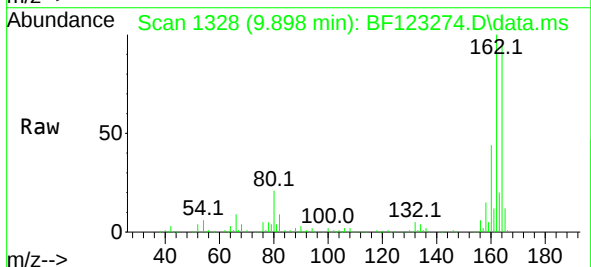
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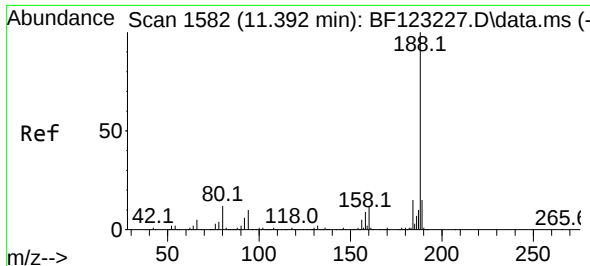
Tgt Ion:165 Resp: 33305
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.6 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.39 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

Tgt Ion:165 Resp: 33305
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#

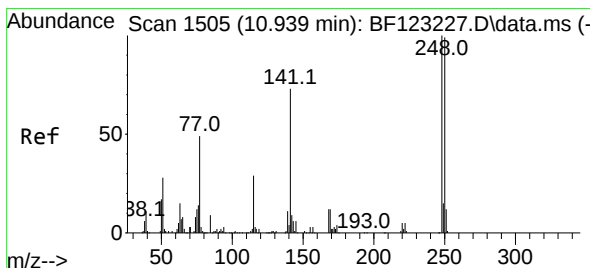
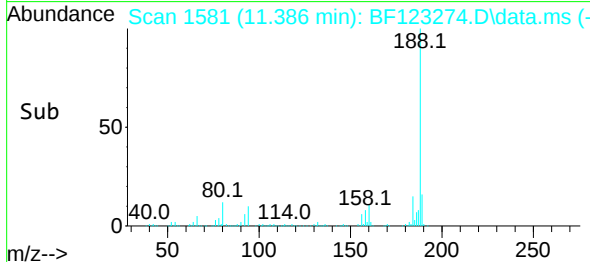
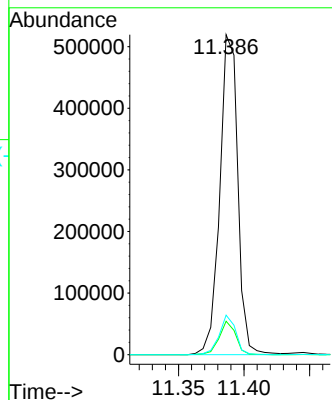
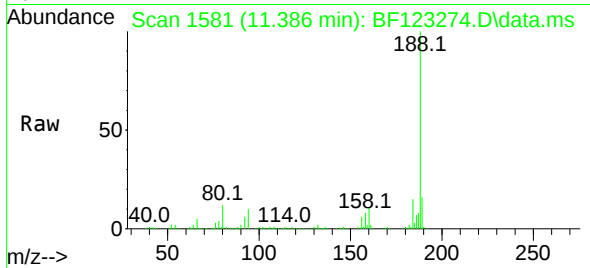




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

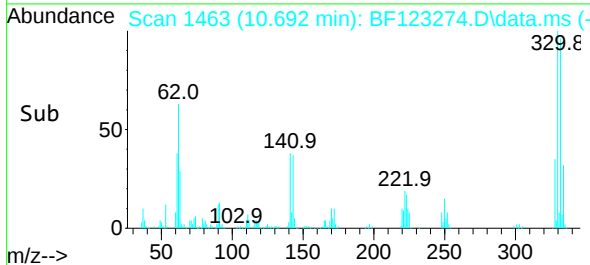
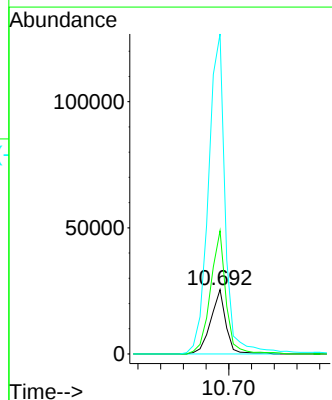
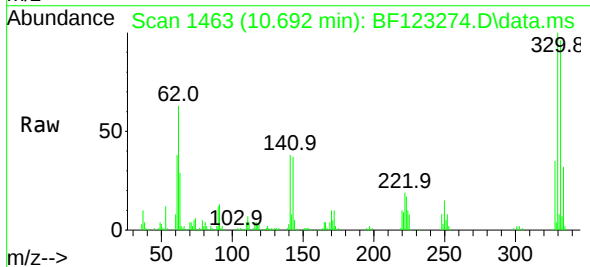
Instrument :
BNA_F
ClientSampleId :
PB134764BL

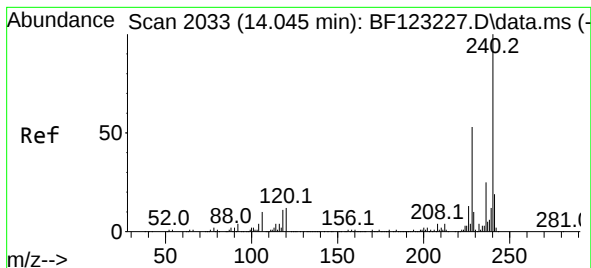
Tgt Ion:188 Resp: 495240
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 12.3 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

Tgt Ion:248 Resp: 23700
Ion Ratio Lower Upper
248 100
250 191.4 76.8 115.2#
141 497.1 59.8 89.8#

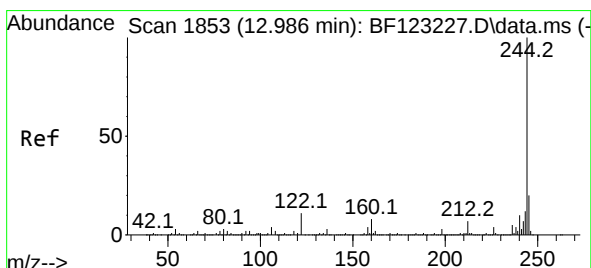
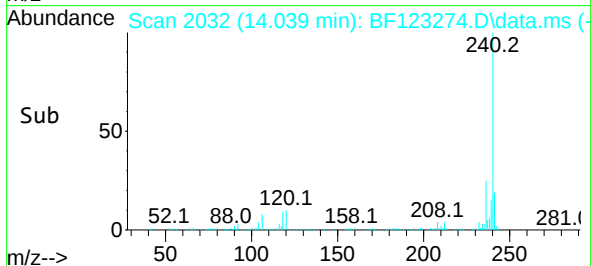
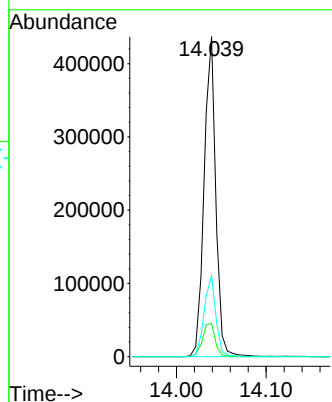
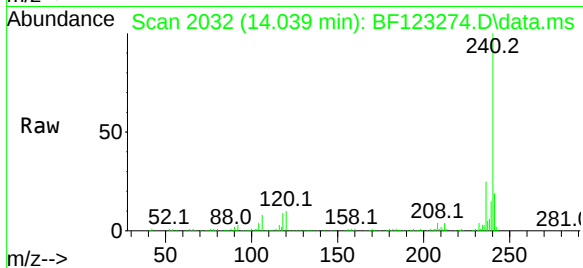




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

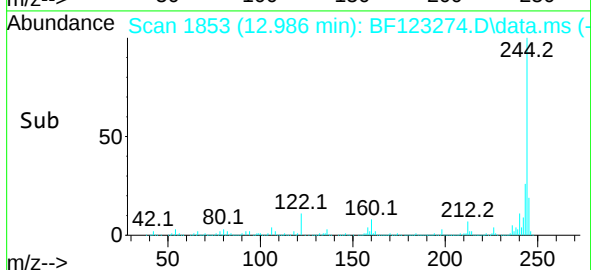
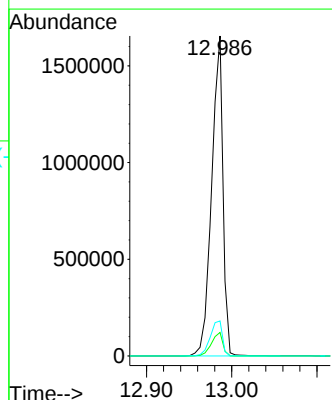
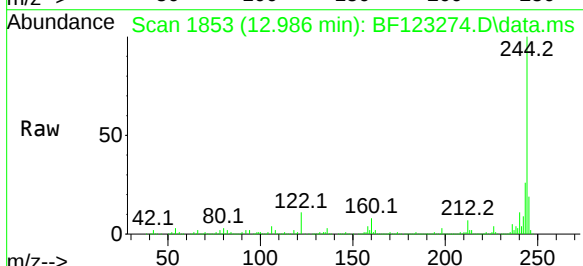
Instrument :
BNA_F
ClientSampleId :
PB134764BL

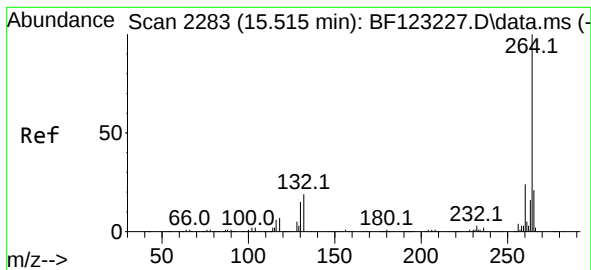
Tgt Ion:240 Resp: 393955
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 74.48 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123274.D
Acq: 23 Feb 2021 11:04

Tgt Ion:244 Resp: 1525922
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.9 8.3 12.5





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.510 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF123274.D

Acq: 23 Feb 2021 11:04

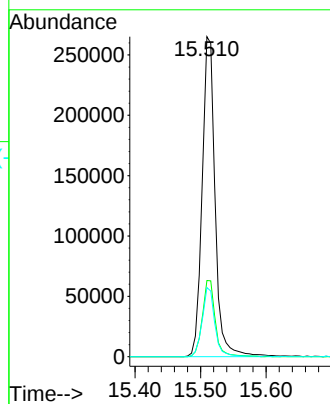
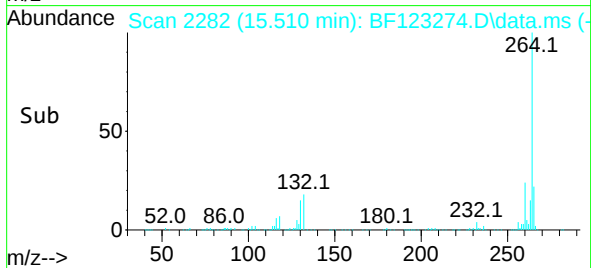
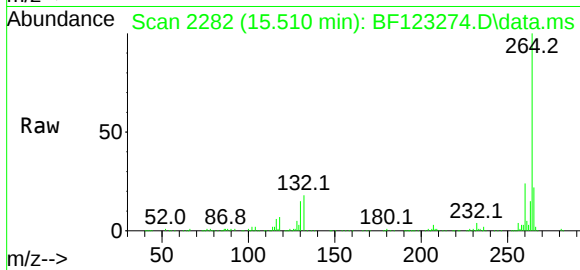
Tgt Ion:264 Resp: 366015

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.6 17.0 25.6



Instrument :

BNA_F

ClientSampleId :

PB134764BL