

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123264.D
 Acq On : 22 Feb 2021 18:10
 Operator : JU/CG
 Sample : M1452-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Feb 23 03:50:46 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)

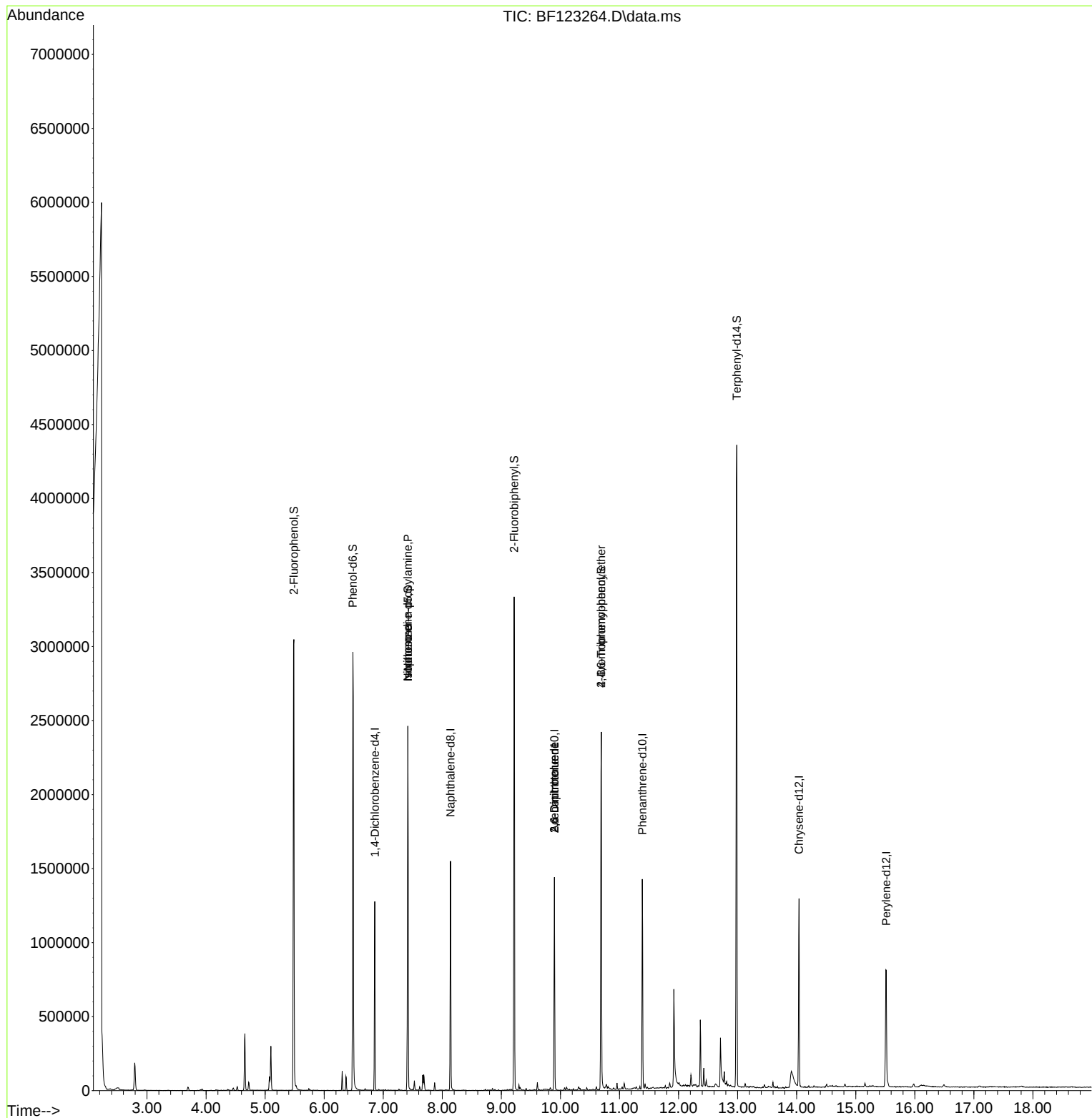
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	154326	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	596278	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	251709	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	473583	20.00	ng	0.00
76) Chrysene-d12	14.039	240	407591	20.00	ng	0.00
86) Perylene-d12	15.515	264	363340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	839446	78.30	ng	0.01
7) Phenol-d6	6.486	99	1020309	70.05	ng	0.00
23) Nitrobenzene-d5	7.416	82	768321	58.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	261805	102.15	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	954541	54.47	ng	0.00
79) Terphenyl-d14	12.986	244	1367429	64.51	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	110	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	102878	11.87	ng	# 81
25) Isophorone	7.416	82	765336	31.42	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	32083	7.40	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	32083	5.50	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	19217	3.72	ng	# 1

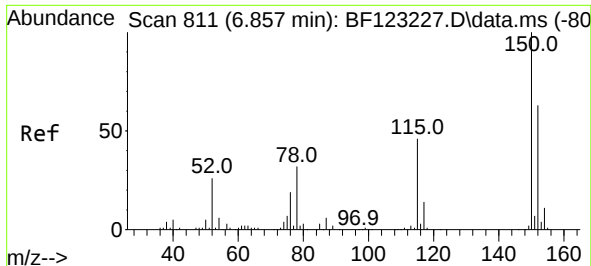
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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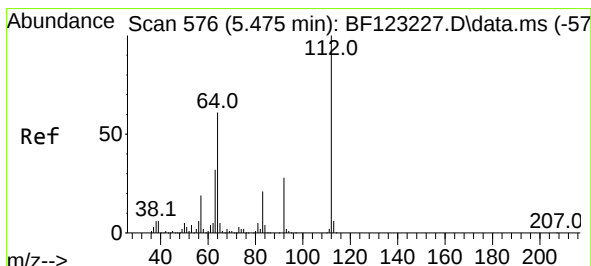
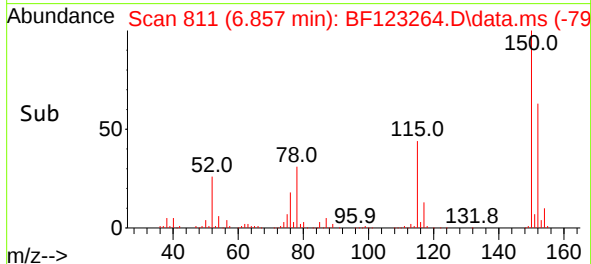
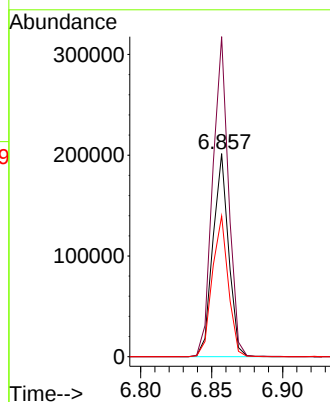
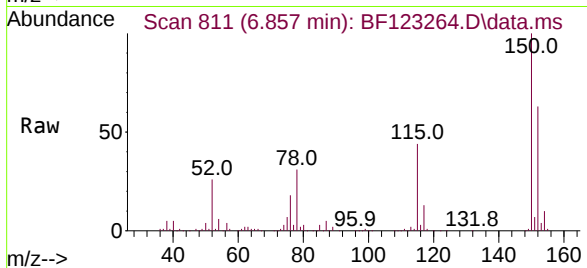




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

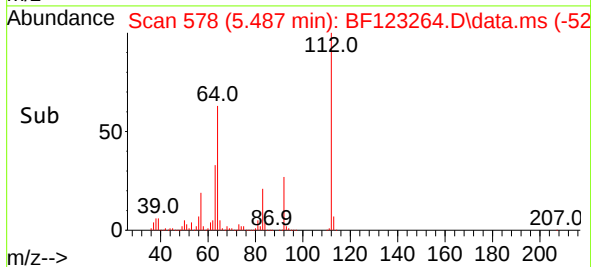
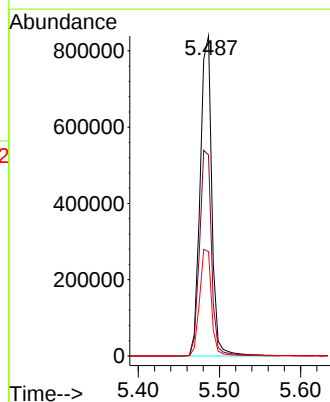
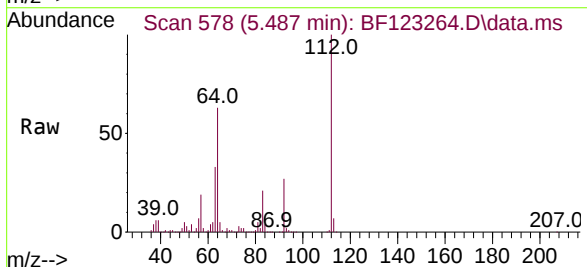
Instrument :
BNA_F
ClientSampled :
TP-5

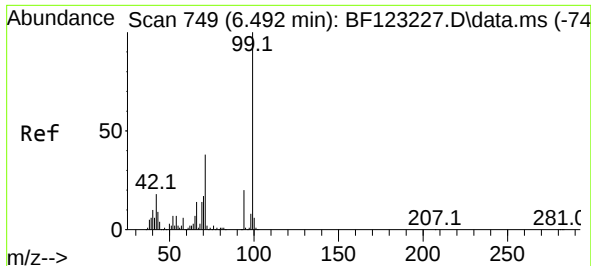
Tgt Ion:152 Resp: 154326
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 69.3 49.3 73.9



#5
2-Fluorophenol
Concen: 78.30 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

Tgt Ion:112 Resp: 839446
Ion Ratio Lower Upper
112 100
64 62.8 46.9 70.3
63 32.6 24.5 36.7

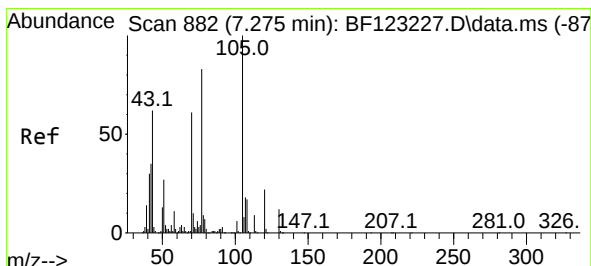
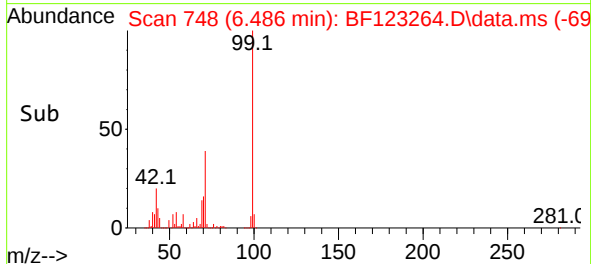
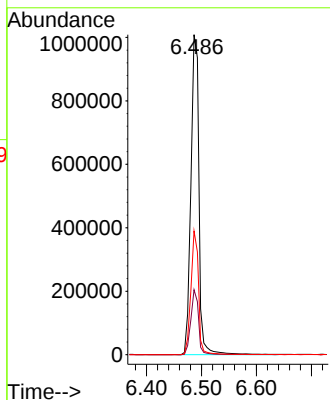
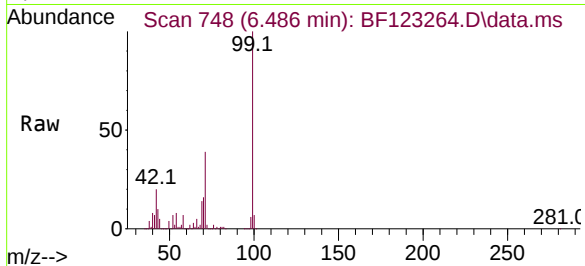




#7
Phenol-d6
Concen: 70.05 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

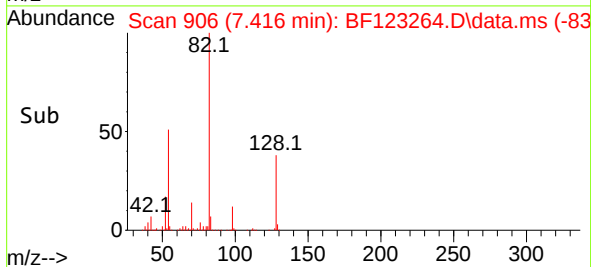
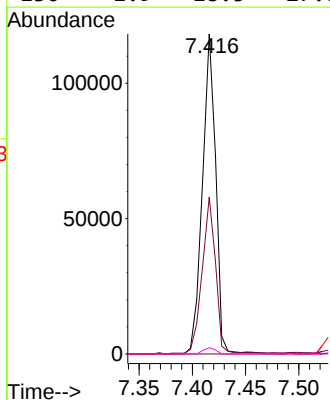
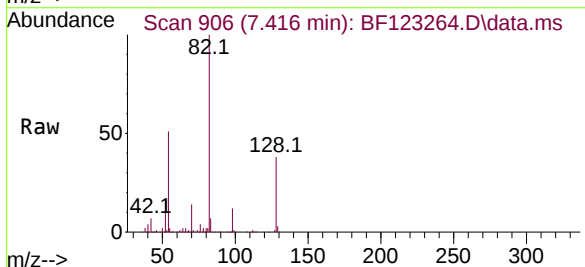
Instrument :
BNA_F
ClientSampleId :
TP-5

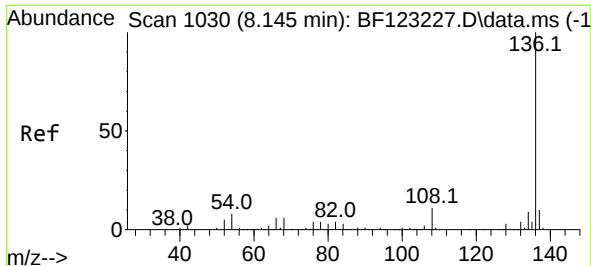
Tgt Ion: 99 Resp: 1020309
Ion Ratio Lower Upper
99 100
42 20.3 13.8 20.6
71 38.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.87 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

Tgt Ion: 70 Resp: 102878
Ion Ratio Lower Upper
70 100
42 49.0 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#

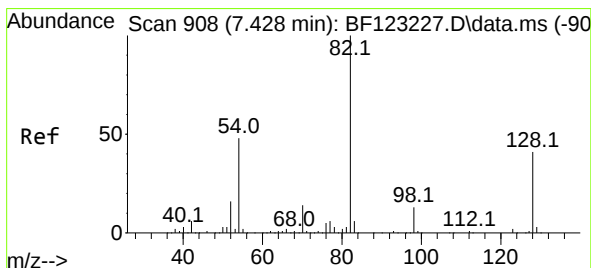
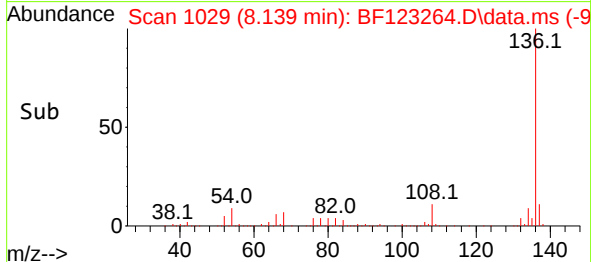
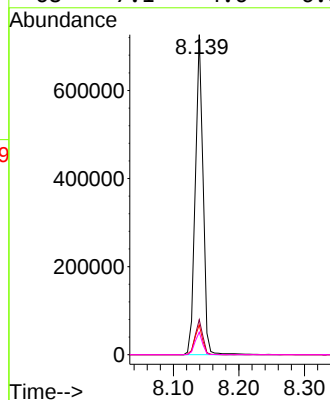
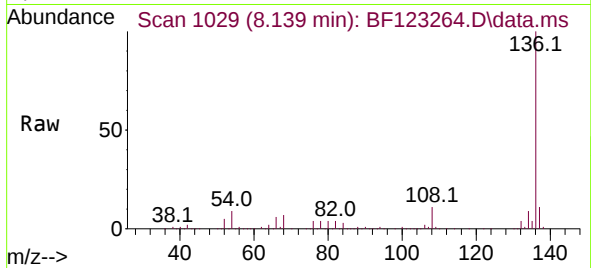




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

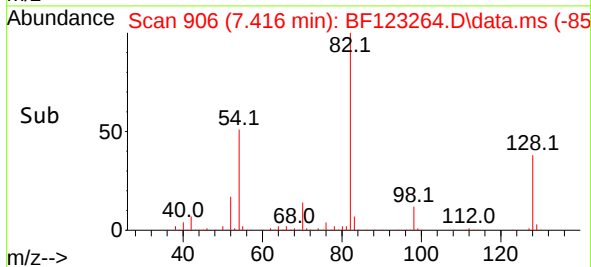
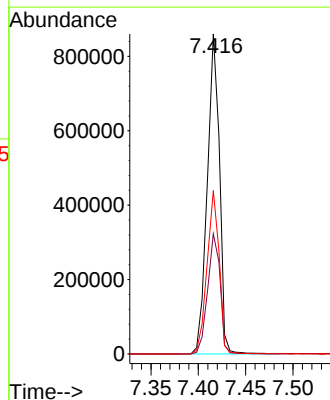
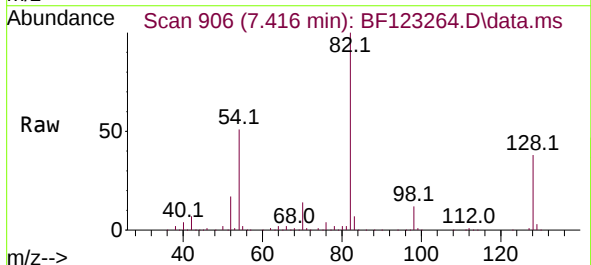
Instrument :
BNA_F
ClientSampleId :
TP-5

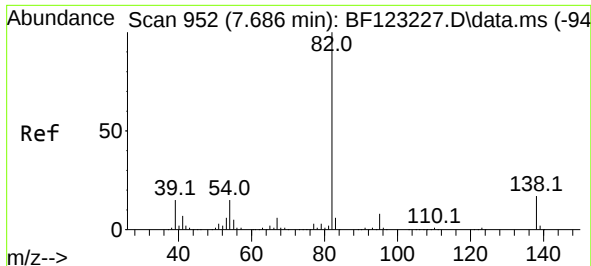
Tgt Ion:	136	Resp:	596278
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	9.3	5.5	8.3#
68	7.1	4.6	6.8#



#23
Nitrobenzene-d5
Concen: 58.98 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

Tgt Ion:	82	Resp:	768321
Ion Ratio	Lower	Upper	
82	100		
128	37.6	37.0	55.4
54	51.0	38.4	57.6

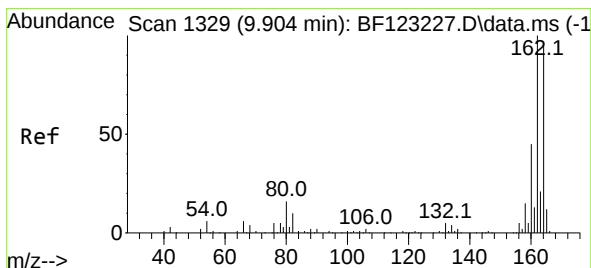
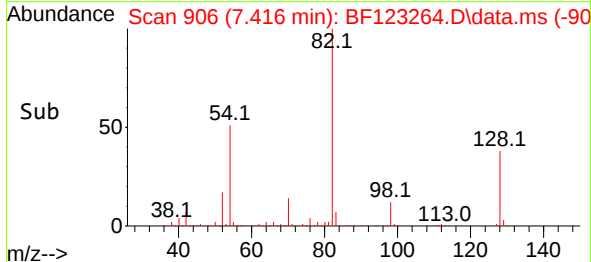
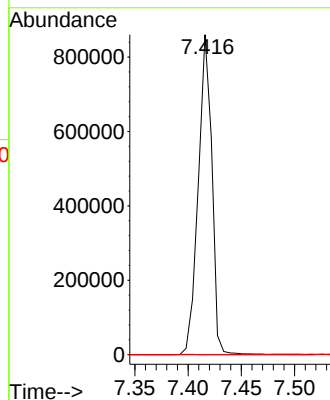
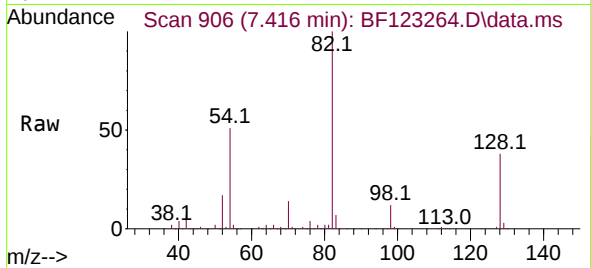




#25
Isophorone
Concen: 31.42 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

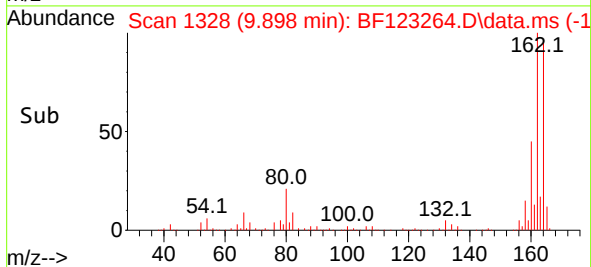
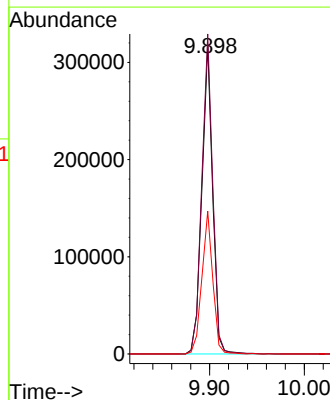
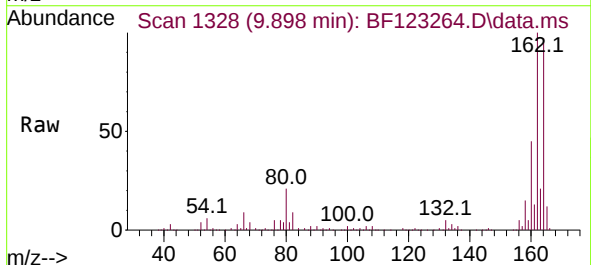
Instrument :
BNA_F
ClientSampleId :
TP-5

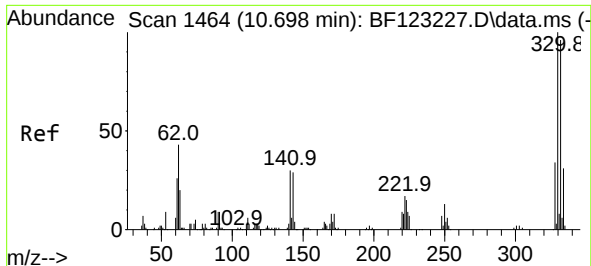
Tgt Ion: 82 Resp: 765336
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

Tgt Ion: 164 Resp: 251709
Ion Ratio Lower Upper
164 100
162 103.5 80.8 121.2
160 46.2 35.4 53.0

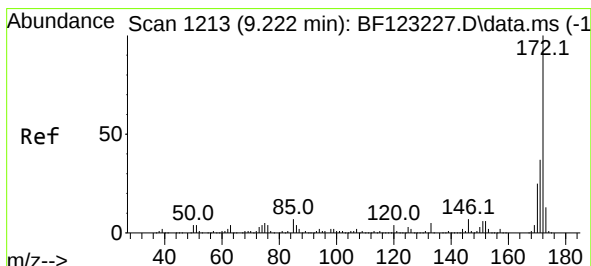
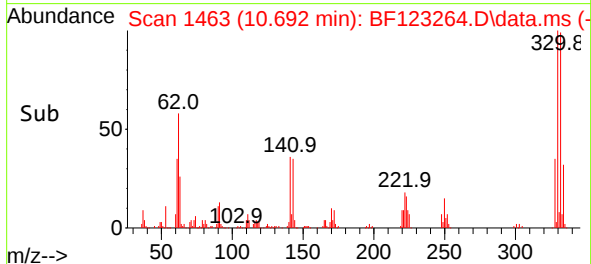
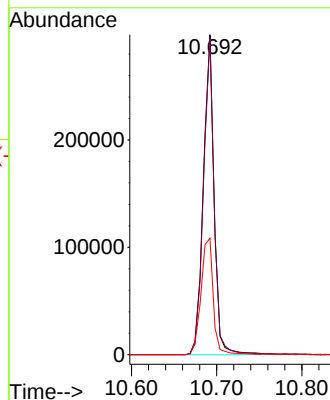
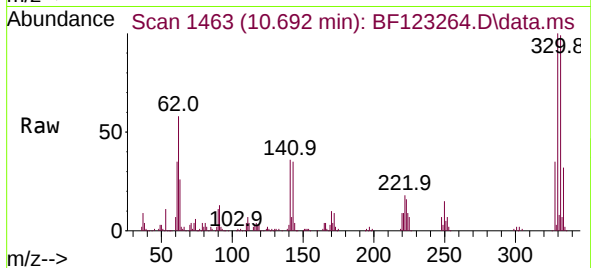




#42
2,4,6-Tribromophenol
Concen: 102.15 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

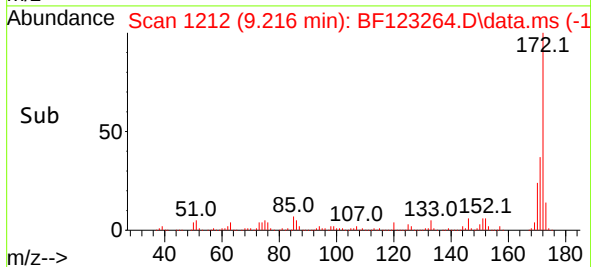
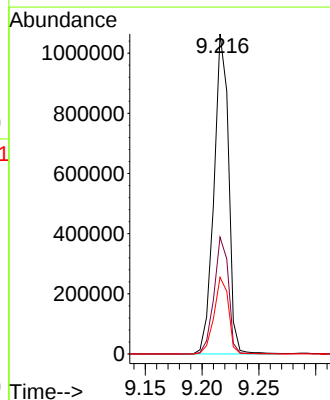
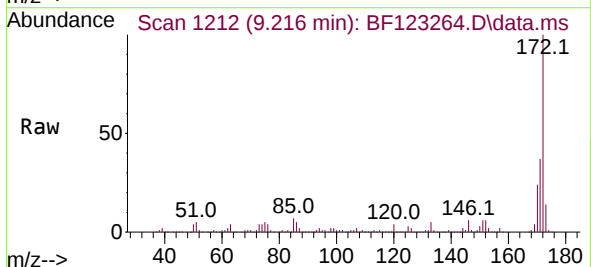
Instrument :
BNA_F
ClientSampleId :
TP-5

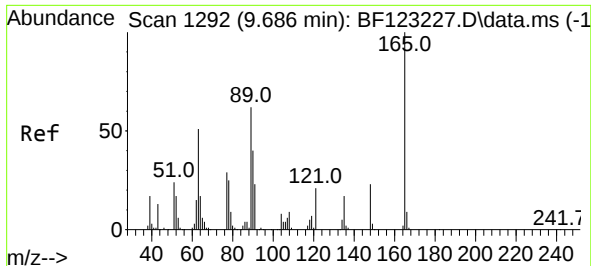
Tgt Ion:330 Resp: 261805
Ion Ratio Lower Upper
330 100
332 98.4 77.5 116.3
141 41.5 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 54.47 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

Tgt Ion:172 Resp: 954541
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.0 19.5 29.3

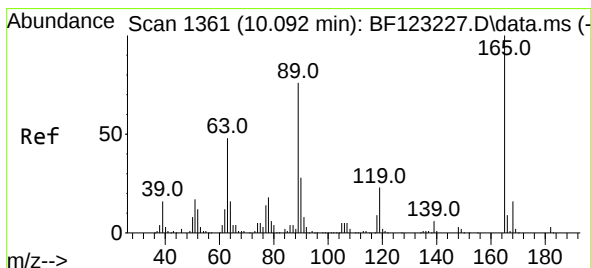
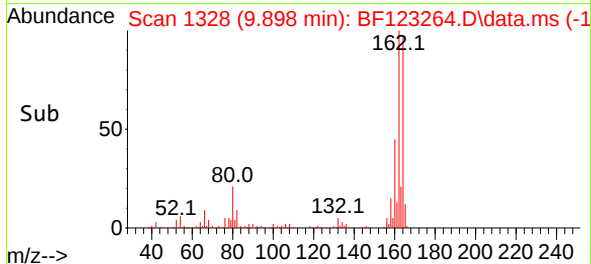
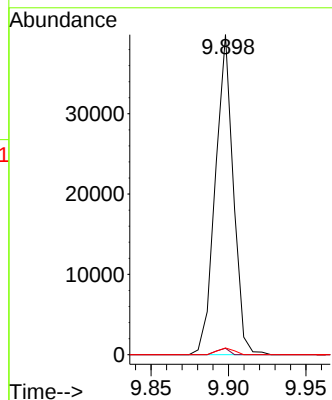
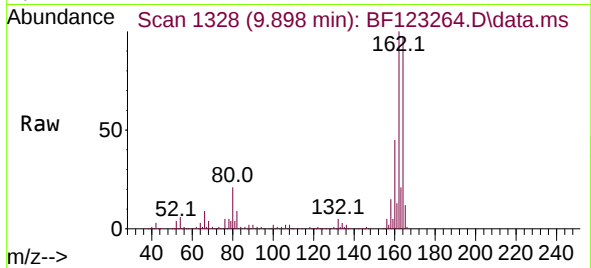




#51
2,6-Dinitrotoluene
Concen: 7.40 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

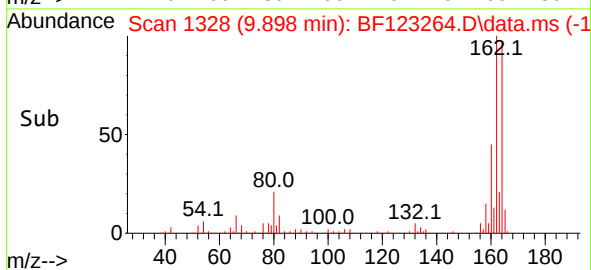
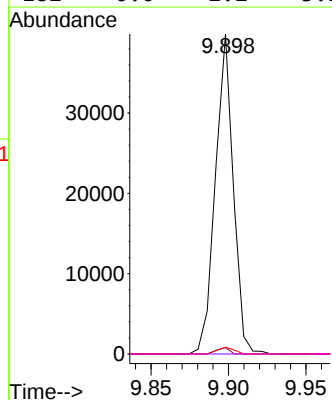
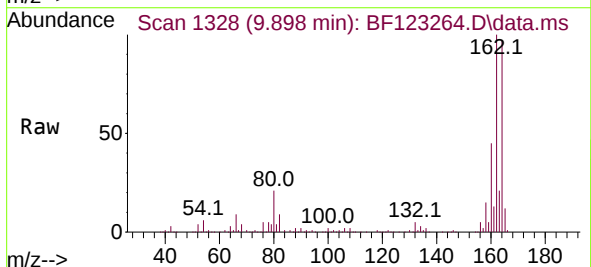
Instrument :
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TP-5

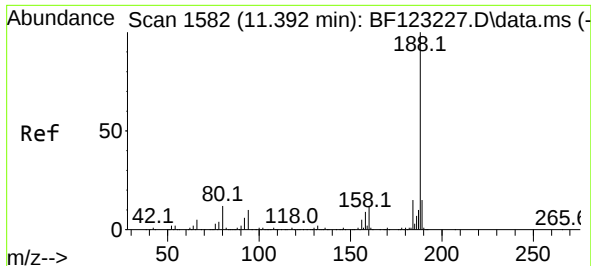
Tgt Ion:165 Resp: 32083
Ion Ratio Lower Upper
165 100
63 2.0 36.6 55.0#
89 2.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.50 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

Tgt Ion:165 Resp: 32083
Ion Ratio Lower Upper
165 100
63 2.0 34.3 51.5#
89 2.1 55.2 82.8#
182 0.0 2.2 3.2#

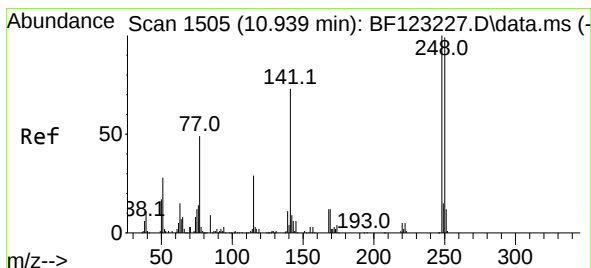
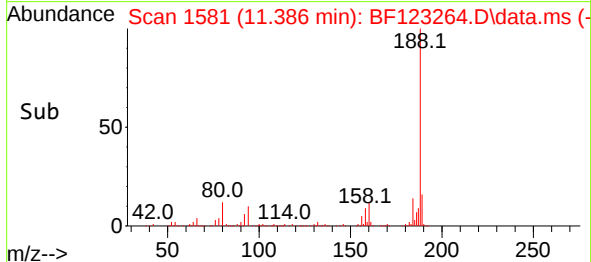
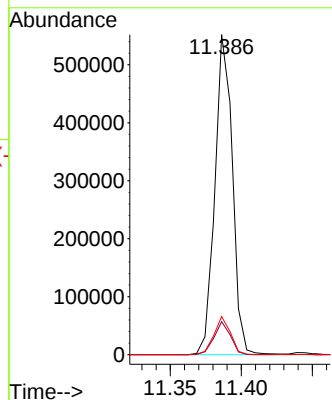
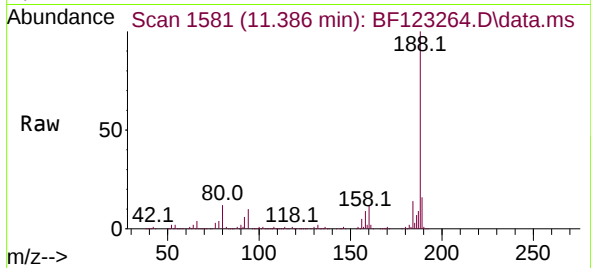




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

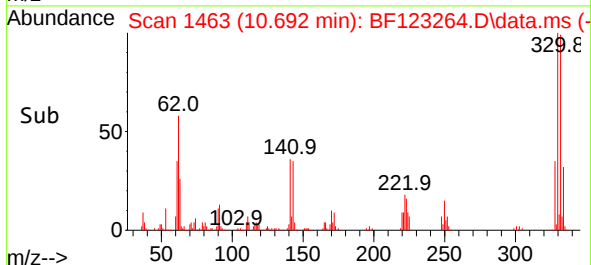
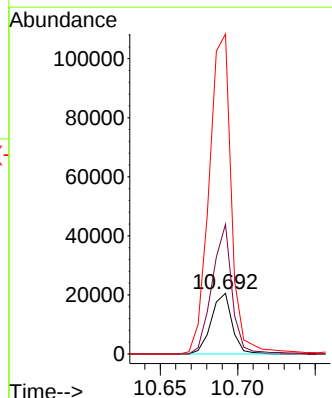
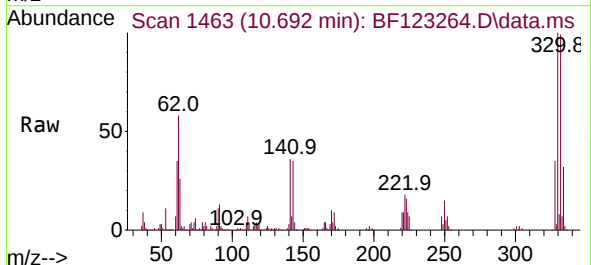
Instrument :
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ClientSampled :
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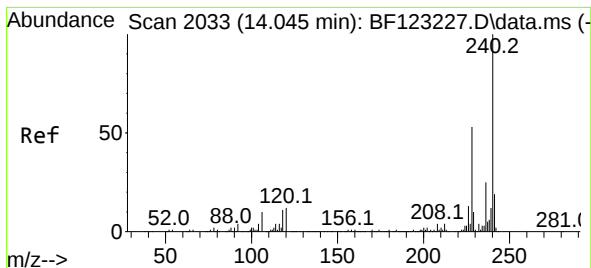
Tgt Ion:188 Resp: 473583
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.9 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

Tgt Ion:248 Resp: 19217
Ion Ratio Lower Upper
248 100
250 213.8 76.8 115.2#
141 528.1 59.8 89.8#

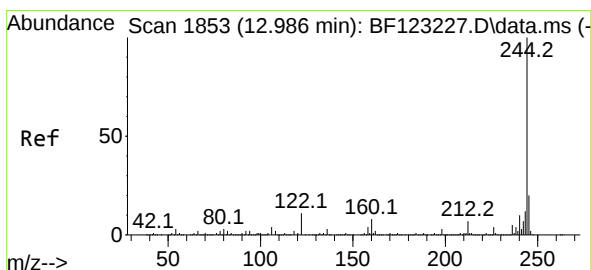
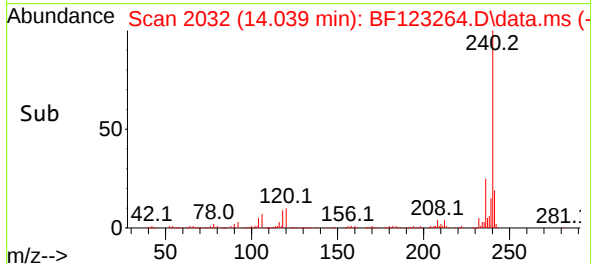
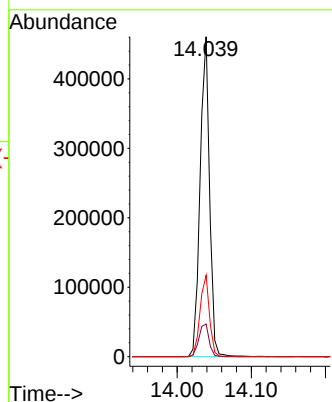
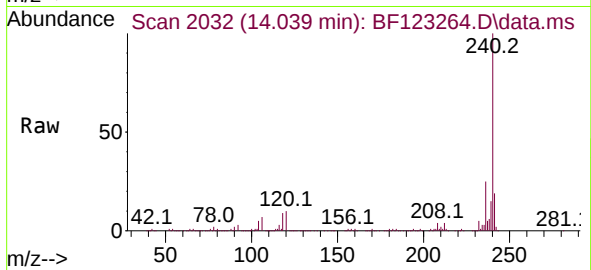




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

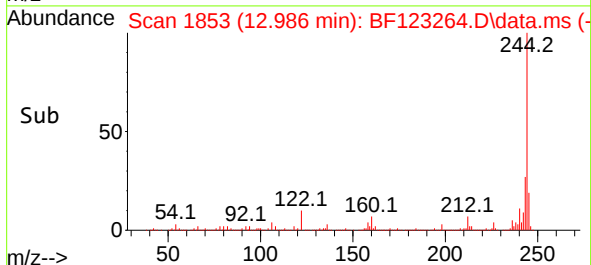
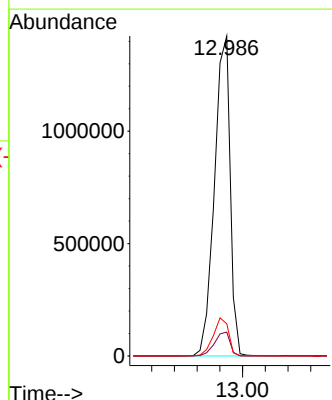
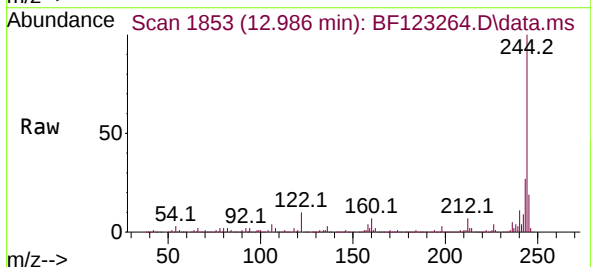
Instrument :
BNA_F
ClientSampled :
TP-5

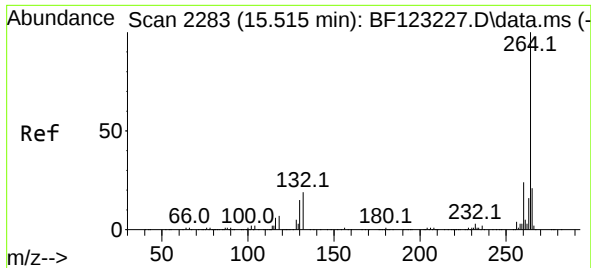
Tgt Ion:240 Resp: 407591
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.4 20.3 30.5



#79
Terphenyl-d14
Concen: 64.51 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

Tgt Ion:244 Resp: 1367429
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.1 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF123264.D
Acq: 22 Feb 2021 18:10

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:264 Resp: 363340

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	21.5	17.0	25.6

