

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133340.D
 Acq On : 10 May 2023 20:09
 Operator : CG\JU
 Sample : 02665-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-612-COMP-02

Quant Time: May 11 03:42:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

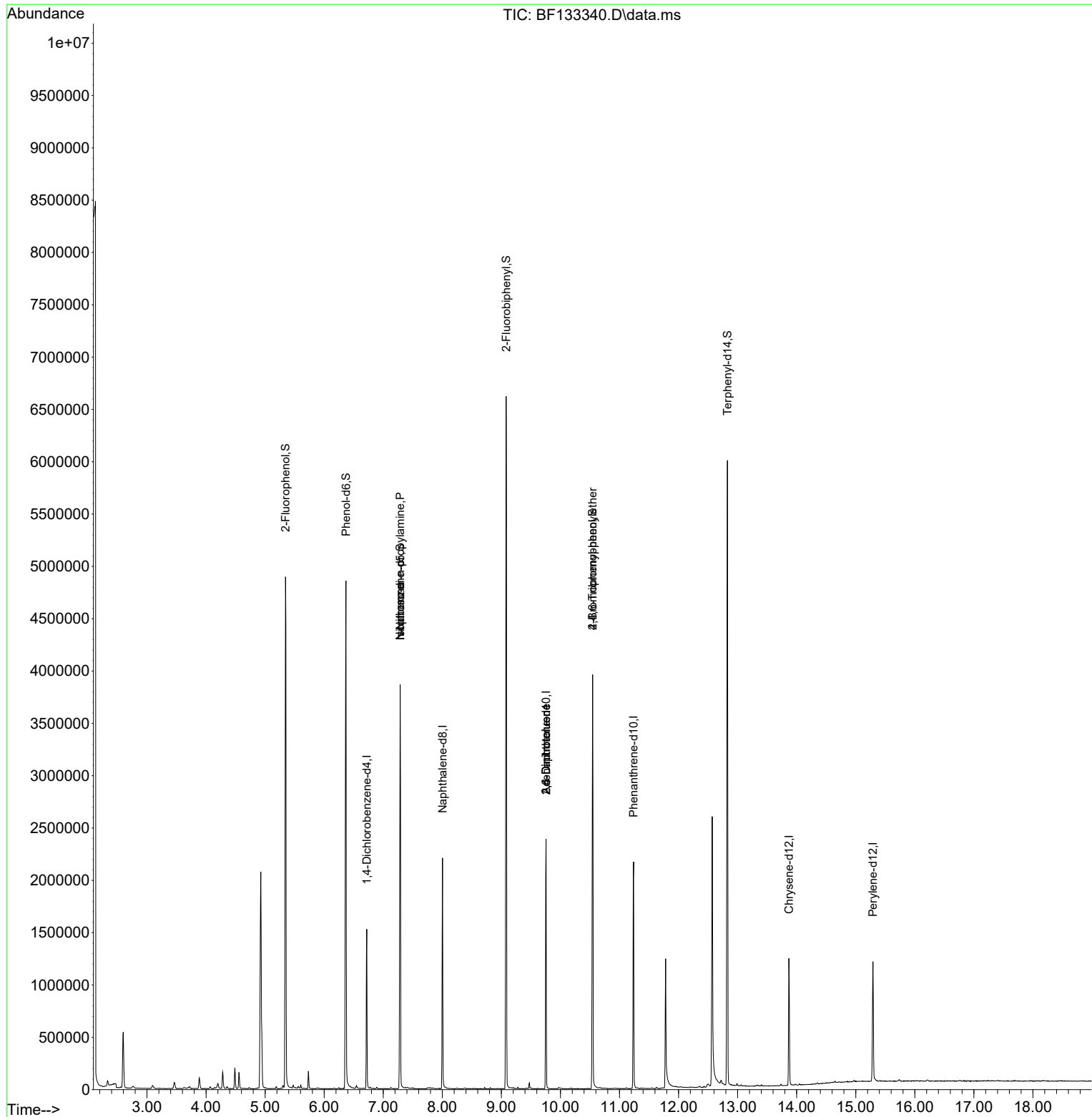
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	211729	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	886853	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	453431	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	801111	20.000	ng	# 0.00
76) Chrysene-d12	13.868	240	398030	20.000	ng	-0.01
86) Perylene-d12	15.292	264	467509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1574998	112.370	ng	0.02
7) Phenol-d6	6.369	99	1773591	101.948	ng	0.00
23) Nitrobenzene-d5	7.286	82	1264437	76.958	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	528584	115.915	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	2174182	80.220	ng	0.00
79) Terphenyl-d14	12.827	244	2196382	95.169	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.275	77	221	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.286	70	166195	15.345	ng	# 78
25) Isophorone	7.286	82	1264421	40.532	ng	# 63
51) 2,6-Dinitrotoluene	9.757	165	59594	8.374	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	59594	6.567	ng	# 24
67) 4-Bromophenyl-phenylether	10.545	248	33359	3.839	ng	# 1

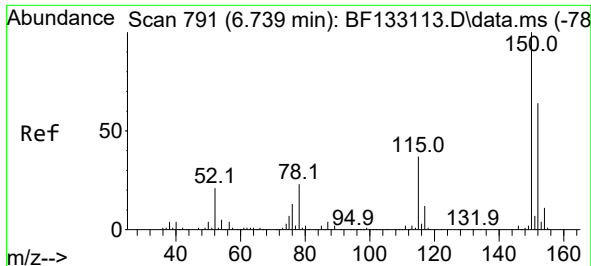
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

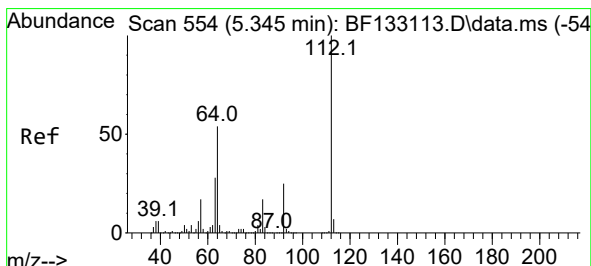
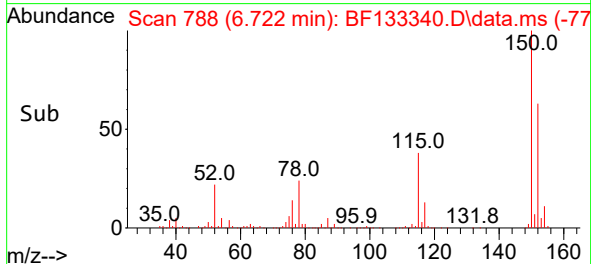
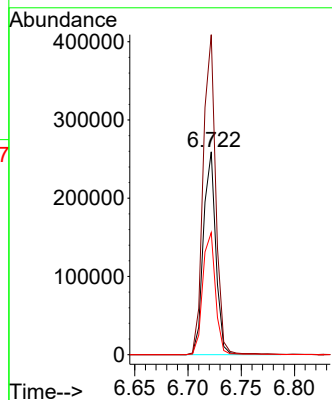
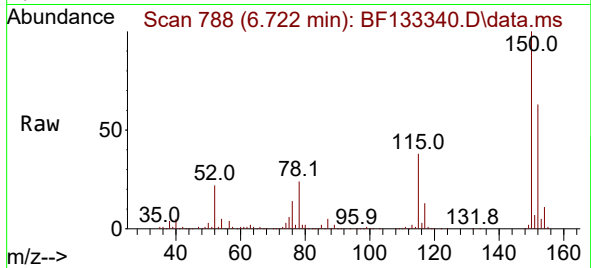




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

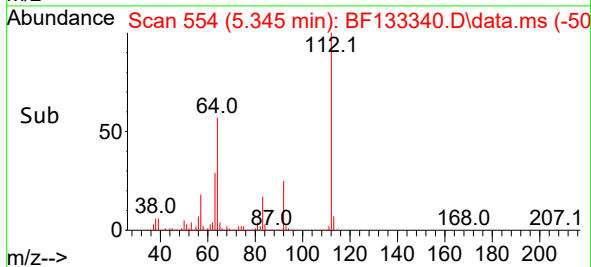
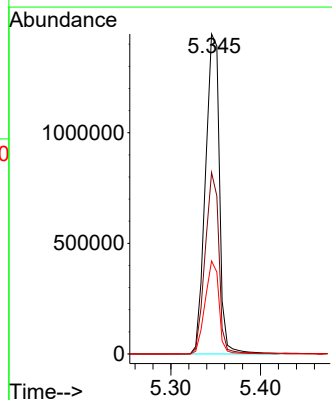
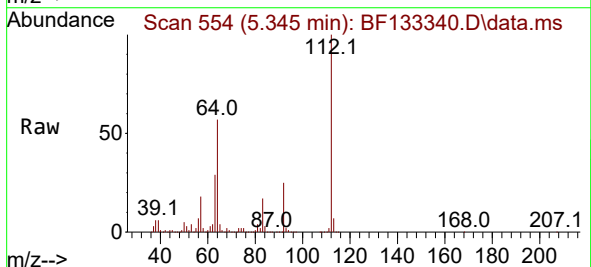
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02

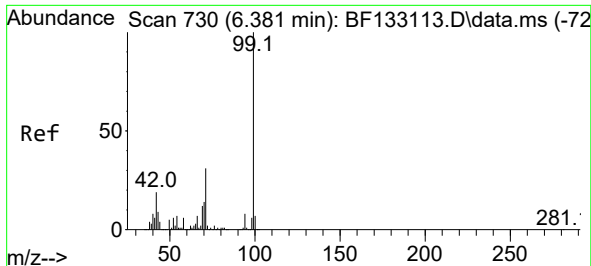
Tgt Ion:152 Resp: 211729
Ion Ratio Lower Upper
152 100
150 157.7 124.8 187.2
115 60.2 49.9 74.9



#5
2-Fluorophenol
Concen: 112.370 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.018 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

Tgt Ion:112 Resp: 1574998
Ion Ratio Lower Upper
112 100
64 56.7 46.8 70.2
63 29.1 23.8 35.8

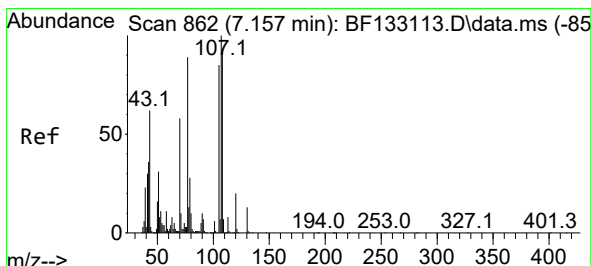
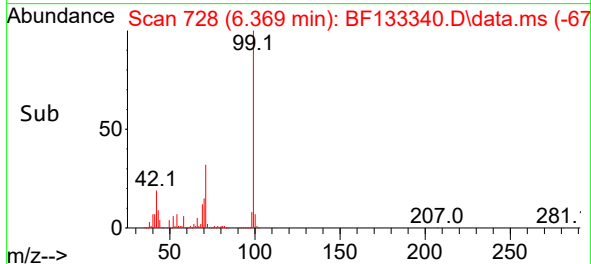
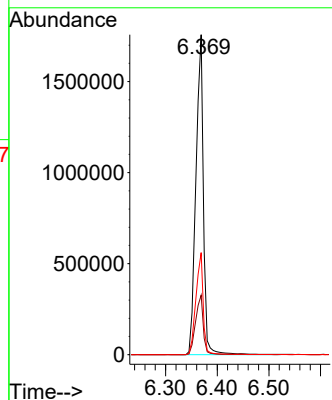
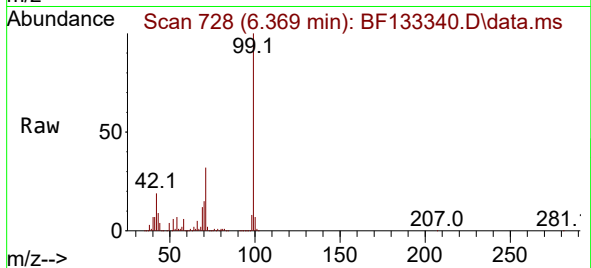




#7
Phenol-d6
Concen: 101.948 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

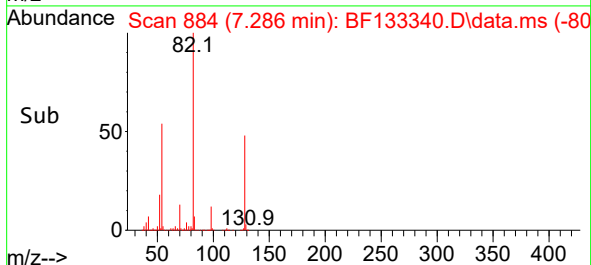
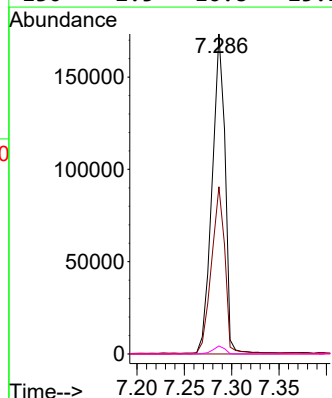
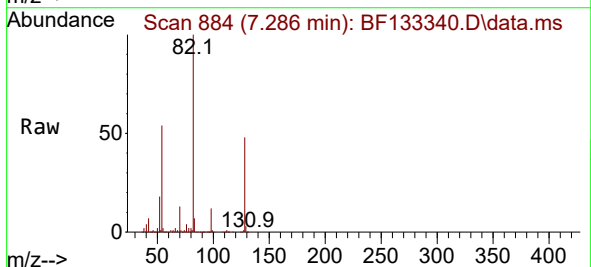
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02

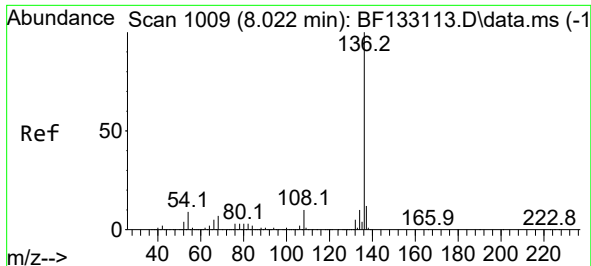
Tgt Ion: 99 Resp: 1773591
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.345 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

Tgt Ion: 70 Resp: 166195
Ion Ratio Lower Upper
70 100
42 52.3 51.8 77.6
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#

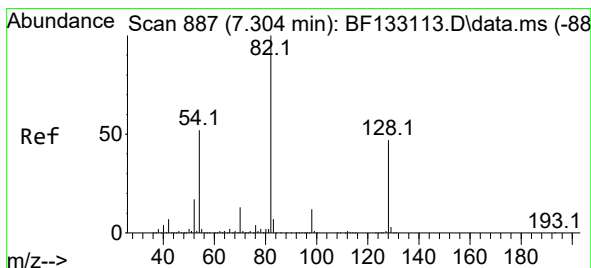
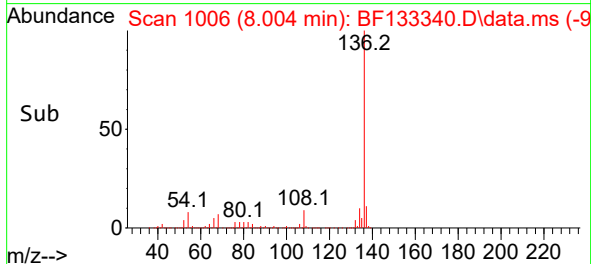
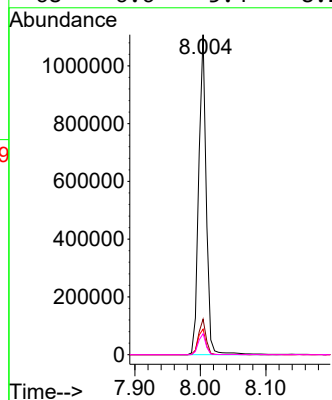
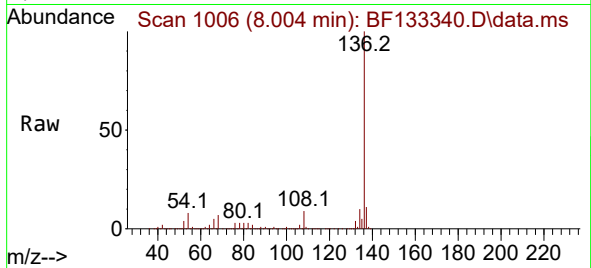




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

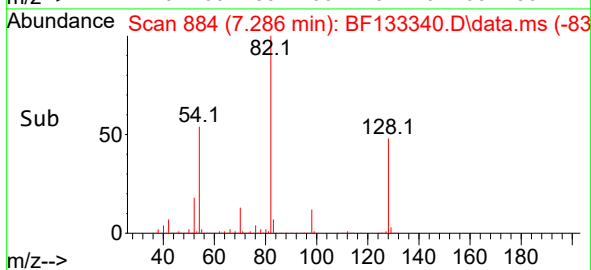
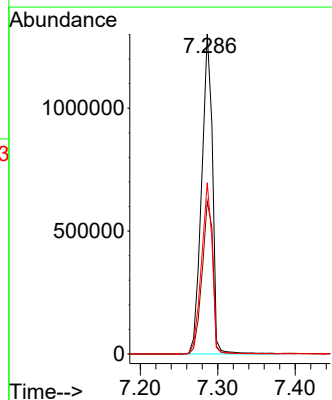
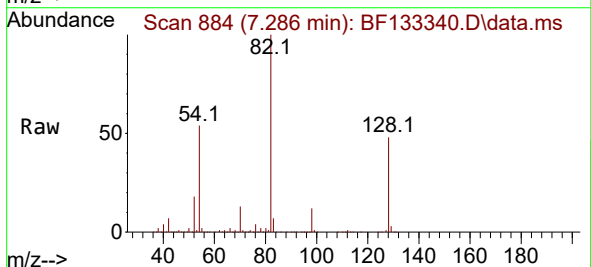
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02

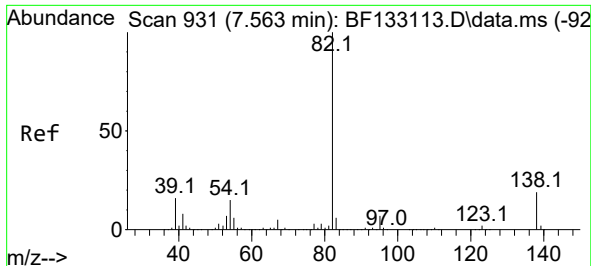
Tgt Ion:136 Resp: 886853
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.0 7.0 10.4
68 6.6 5.4 8.2



#23
Nitrobenzene-d5
Concen: 76.958 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

Tgt Ion: 82 Resp: 1264437
Ion Ratio Lower Upper
82 100
128 47.7 37.7 56.5
54 53.5 43.0 64.4

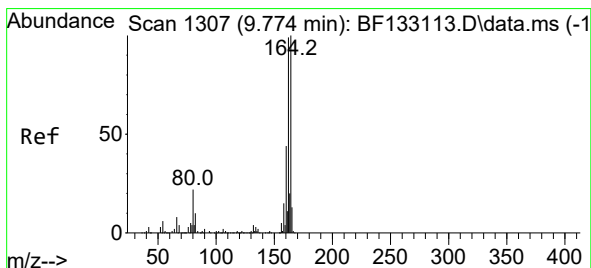
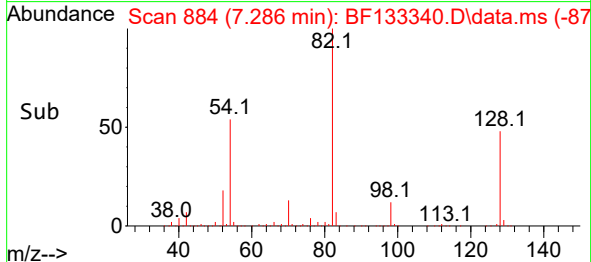
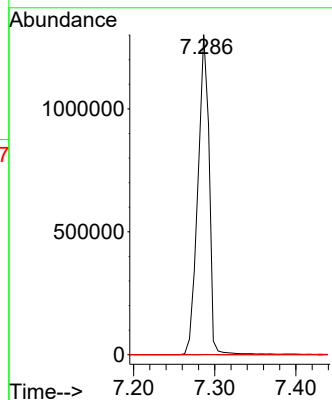
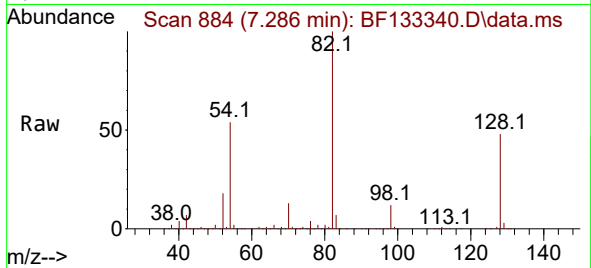




#25
Isophorone
Concen: 40.532 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

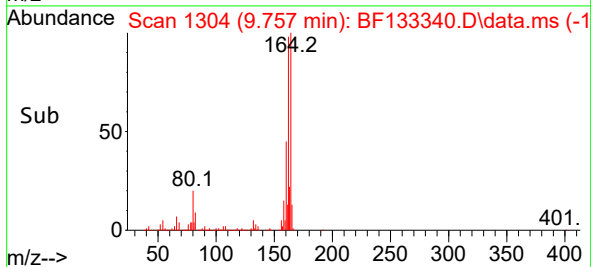
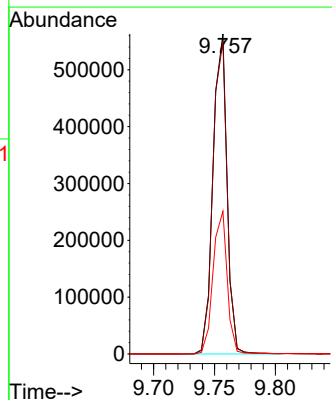
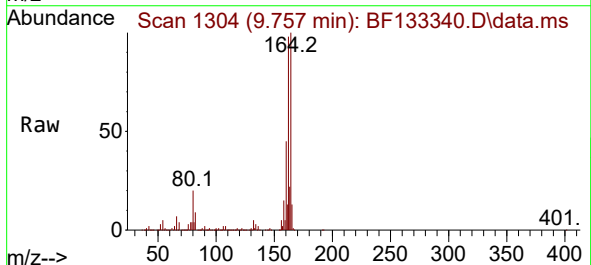
Instrument :
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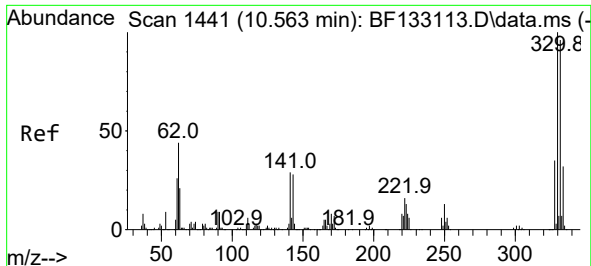
Tgt Ion: 82 Resp: 1264421
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

Tgt Ion:164 Resp: 453431
Ion Ratio Lower Upper
164 100
162 97.6 78.7 118.1
160 44.6 35.8 53.6

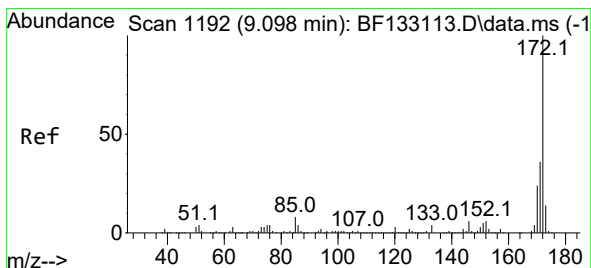
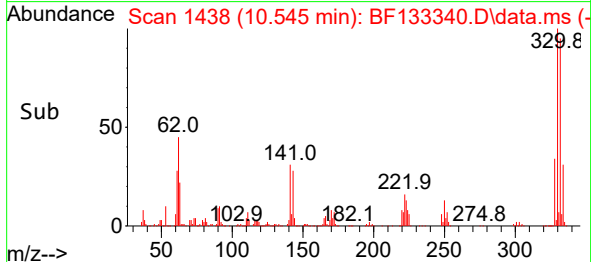
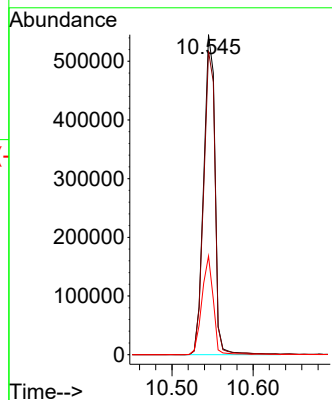
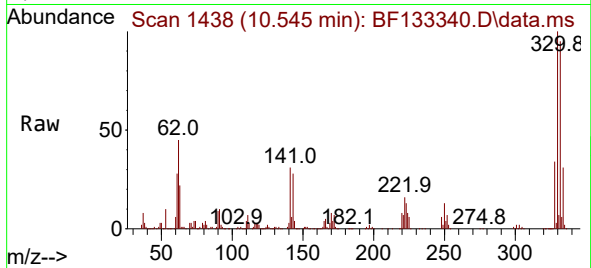




#42
2,4,6-Tribromophenol
Concen: 115.915 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

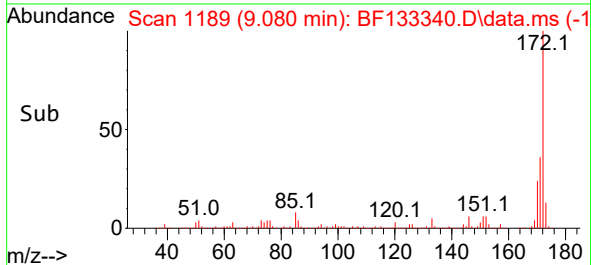
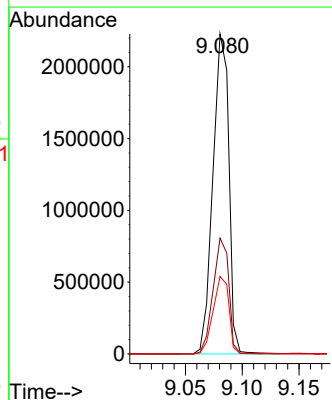
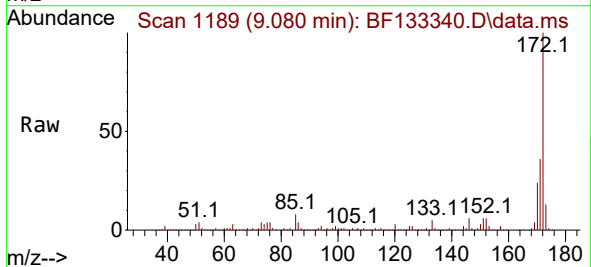
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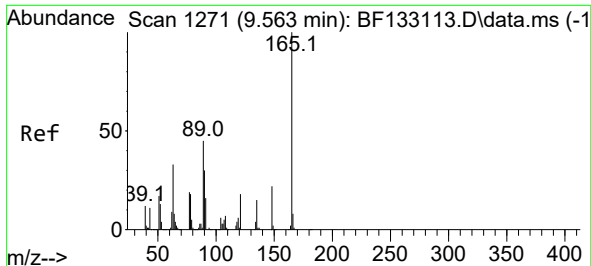
Tgt Ion:330 Resp: 528584
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 31.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 80.220 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

Tgt Ion:172 Resp: 2174182
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.2 19.4 29.2

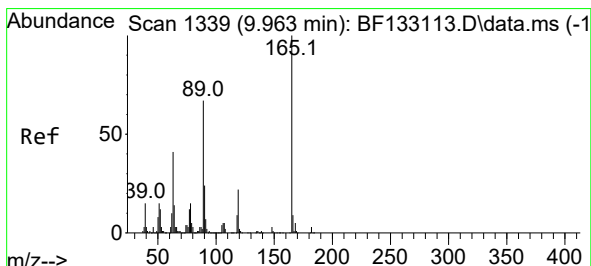
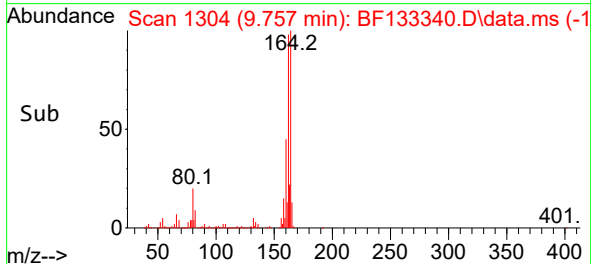
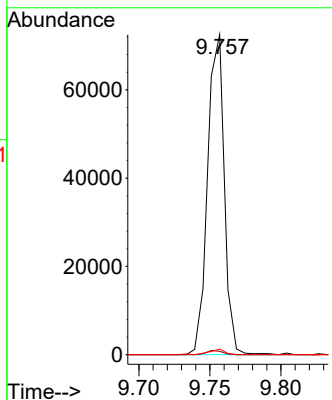
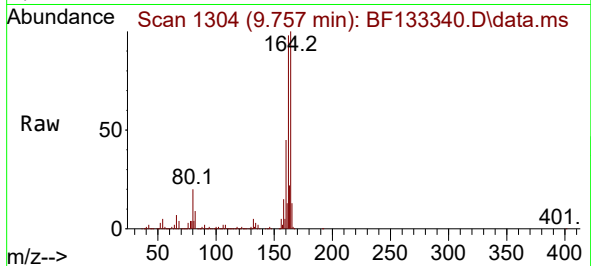




#51
2,6-Dinitrotoluene
Concen: 8.374 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

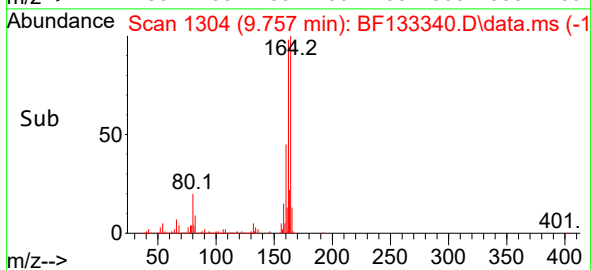
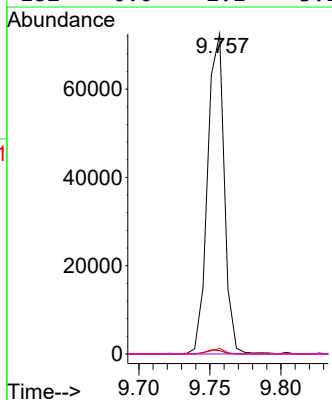
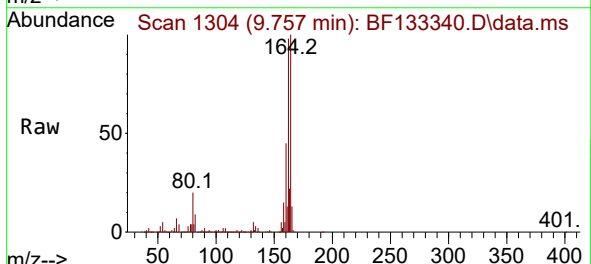
Instrument :
BNA_F
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TR-612-COMP-02

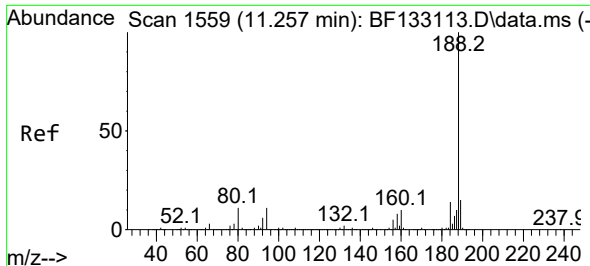
Tgt Ion:165 Resp: 59594
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.8 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.567 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

Tgt Ion:165 Resp: 59594
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.8 57.0 85.4#
182 0.0 2.1 3.1#

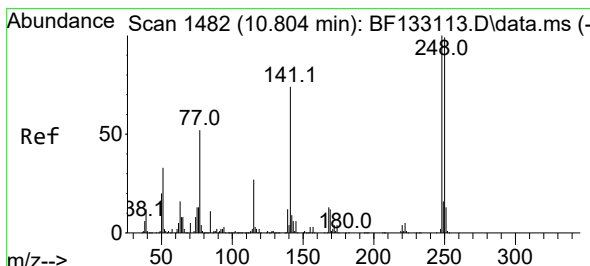
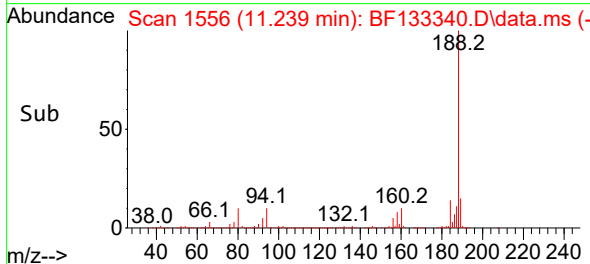
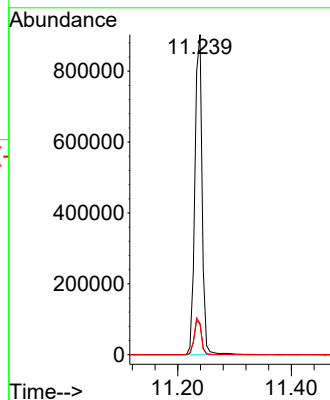
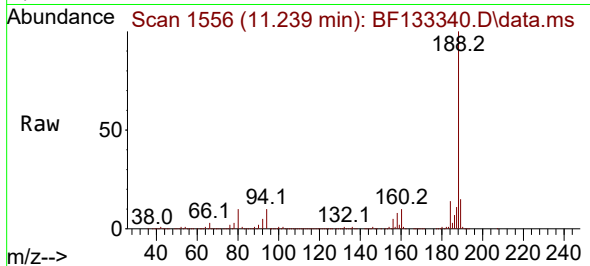




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

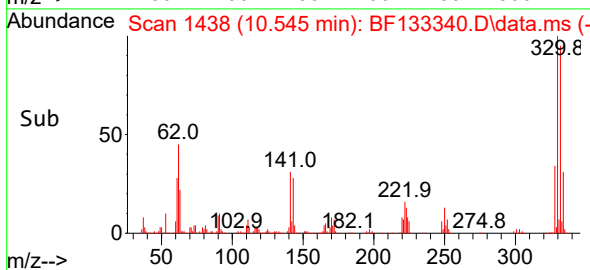
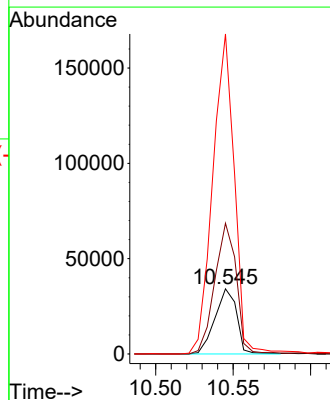
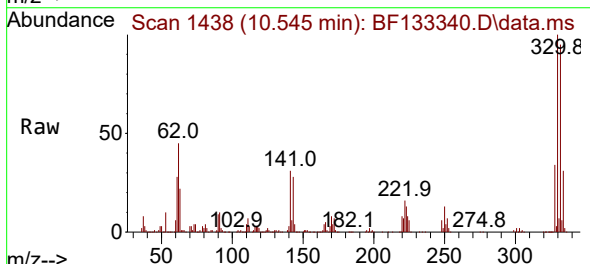
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02

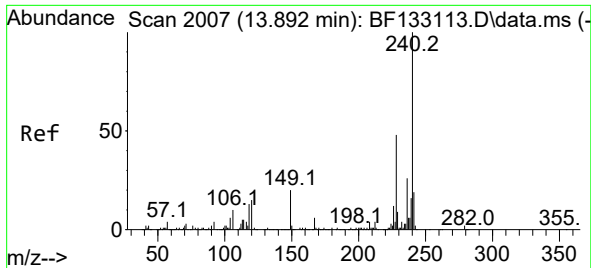
Tgt Ion:188 Resp: 801111
Ion Ratio Lower Upper
188 100
94 9.6 9.7 14.5#
80 9.8 10.4 15.6#



#67
4-Bromophenyl-phenylether
Concen: 3.839 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

Tgt Ion:248 Resp: 33359
Ion Ratio Lower Upper
248 100
250 200.7 78.7 118.1#
141 491.3 56.3 84.5#

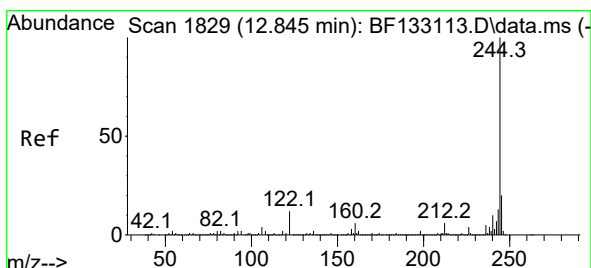
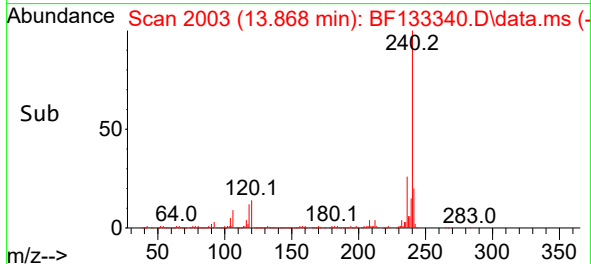
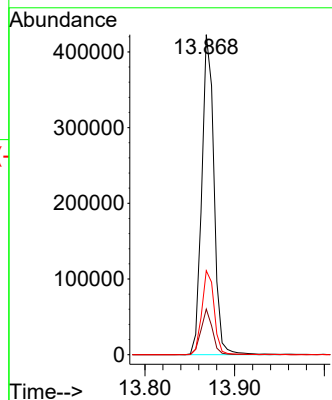
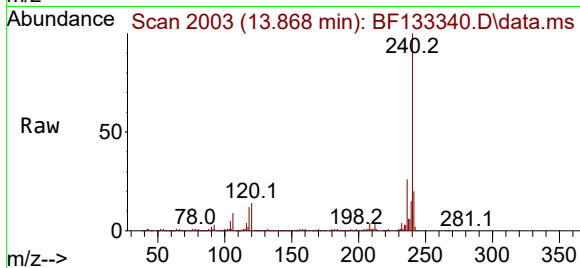




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

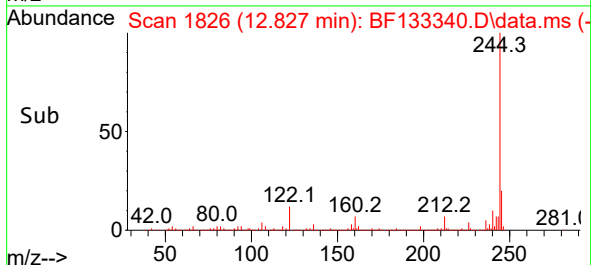
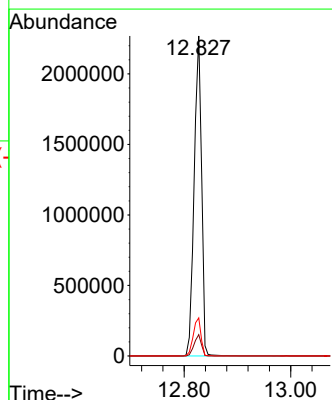
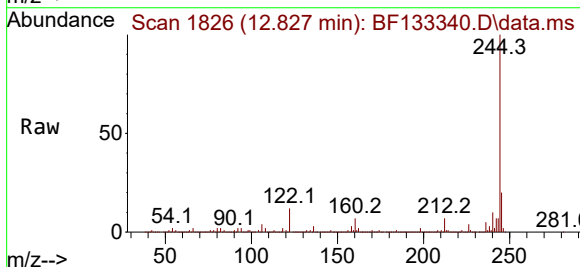
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02

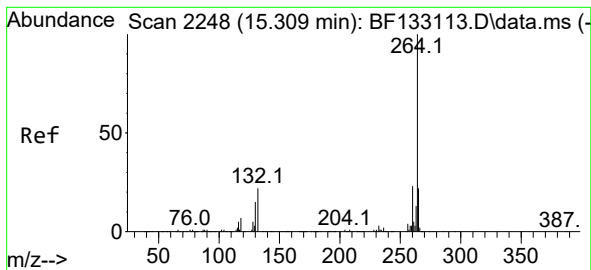
Tgt Ion:240 Resp: 398030
Ion Ratio Lower Upper
240 100
120 14.3 10.5 15.7
236 26.3 21.5 32.3



#79
Terphenyl-d14
Concen: 95.169 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF133340.D
Acq: 10 May 2023 20:09

Tgt Ion:244 Resp: 2196382
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.9 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133340.D

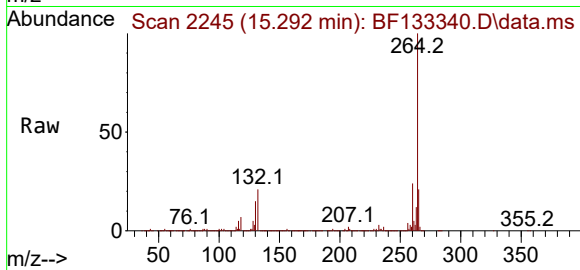
Acq: 10 May 2023 20:09

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02



Tgt Ion:264 Resp: 467509

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 21.0 17.0 25.4

