

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127334.D
 Acq On : 15 Mar 2022 20:12
 Operator : CG\JU
 Sample : N1948-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Quant Time: Mar 16 05:30:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

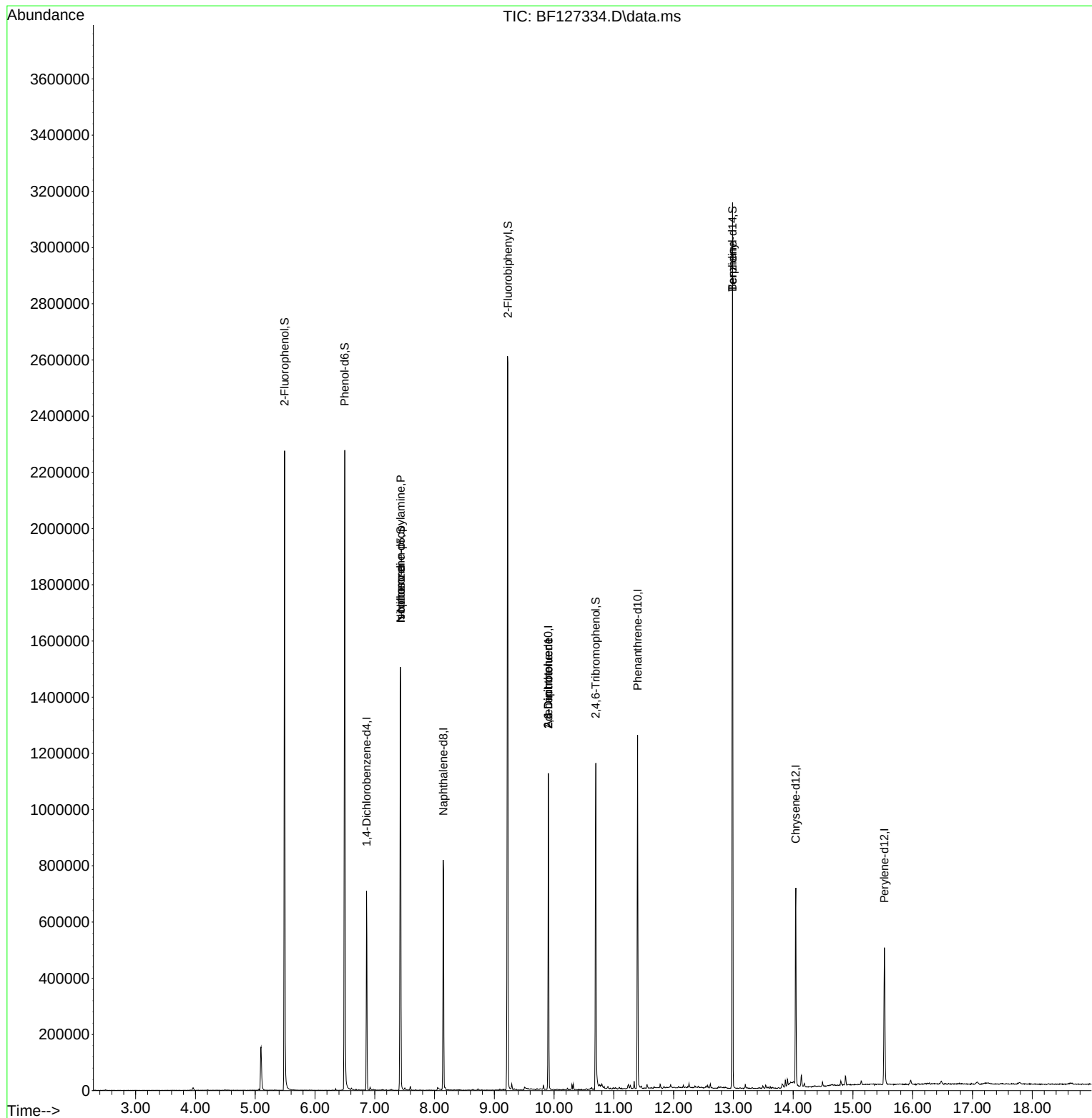
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	93197	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	361417	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	216905	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	413006	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	243596	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	217571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	516998	89.177	ng	0.00
7) Phenol-d6	6.498	99	729569	91.479	ng	0.00
23) Nitrobenzene-d5	7.434	82	503747	57.562	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	126382	54.126	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	898543	58.567	ng	0.00
79) Terphenyl-d14	12.986	244	1066795	75.410	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	1275	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	68078	13.679	ng	# 86
25) Isophorone	7.434	82	503747	35.798	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	27713	8.815	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	27713	6.699	ng	# 15
77) Benzidine	12.986	184	13062	2.109	ng	# 94

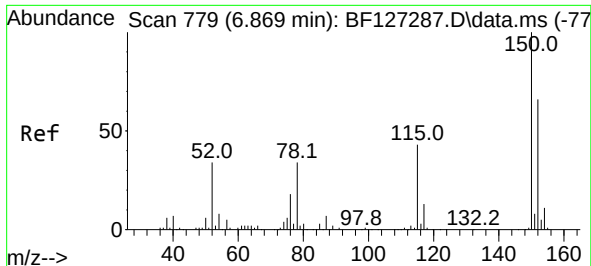
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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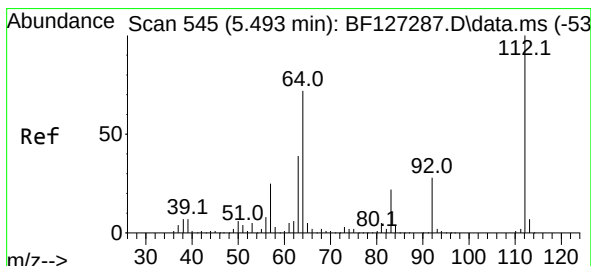
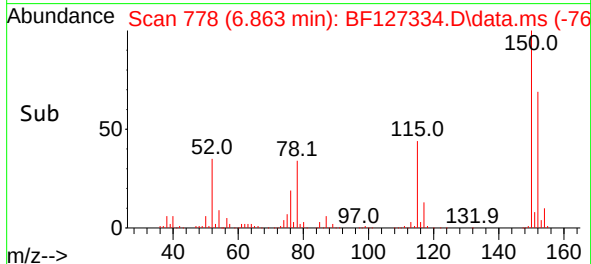
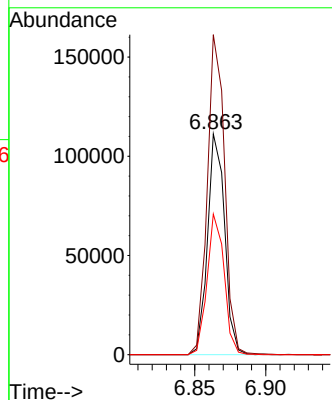
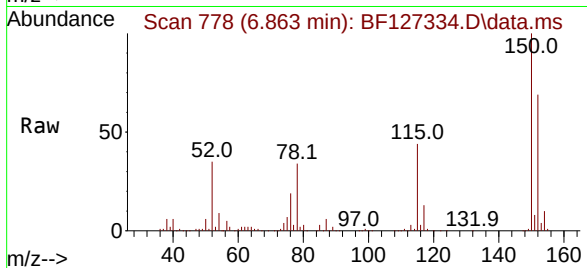




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127334.D
Acq: 15 Mar 2022 20:12

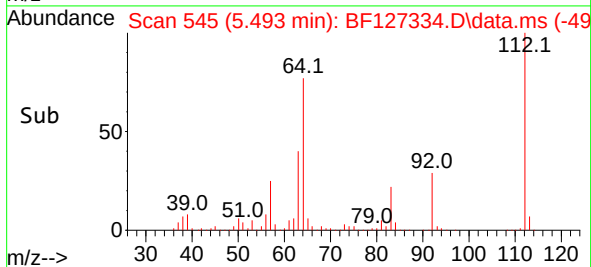
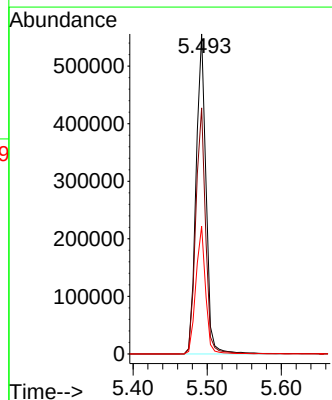
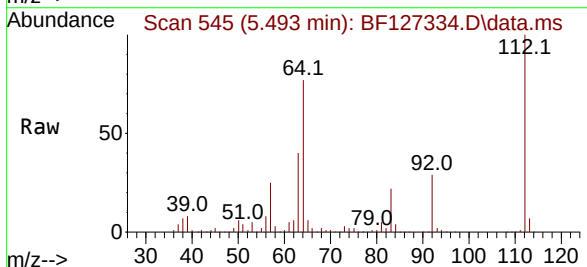
Instrument :
BNA_F
ClientSampleId :
COMP-5

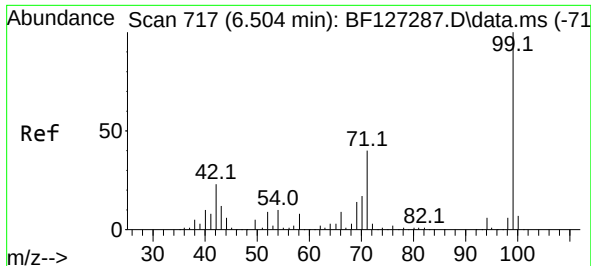
Tgt Ion:152 Resp: 93197
Ion Ratio Lower Upper
152 100
150 144.9 128.1 192.1
115 63.7 56.7 85.1



#5
2-Fluorophenol
Concen: 89.177 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127334.D
Acq: 15 Mar 2022 20:12

Tgt Ion:112 Resp: 516998
Ion Ratio Lower Upper
112 100
64 76.9 49.5 74.3#
63 39.9 23.9 35.9#





#7

Phenol-d6

Concen: 91.479 ng

RT: 6.498 min Scan# 716

Delta R.T. -0.006 min

Lab File: BF127334.D

Acq: 15 Mar 2022 20:12

Instrument :

BNA_F

ClientSampleId :

COMP-5

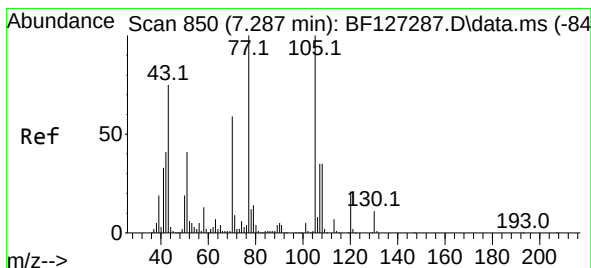
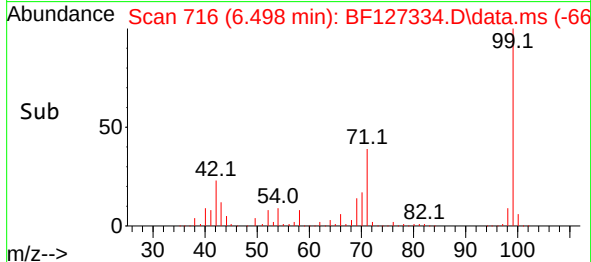
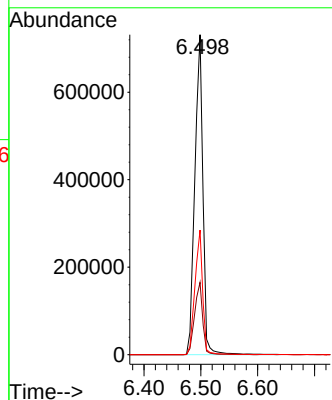
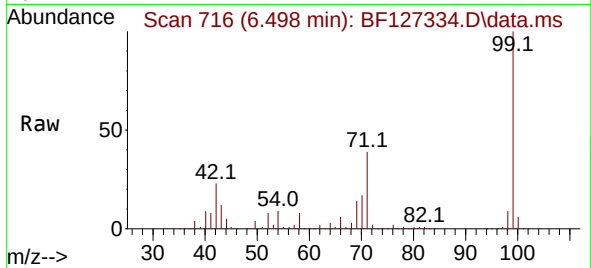
Tgt Ion: 99 Resp: 729569

Ion Ratio Lower Upper

99 100

42 22.6 14.2 21.4#

71 39.0 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 13.679 ng

RT: 7.434 min Scan# 875

Delta R.T. 0.147 min

Lab File: BF127334.D

Acq: 15 Mar 2022 20:12

Tgt Ion: 70 Resp: 68078

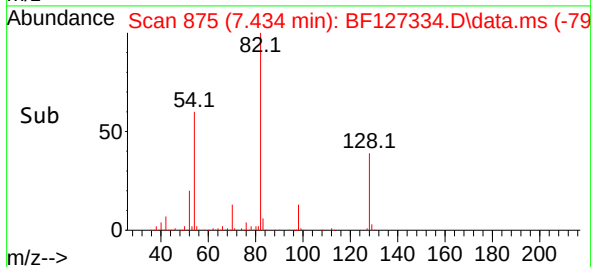
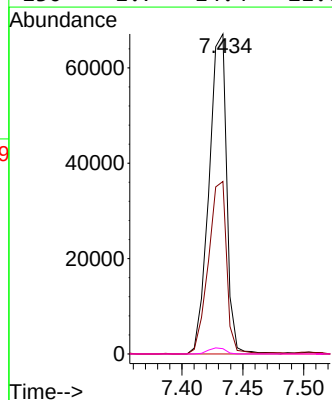
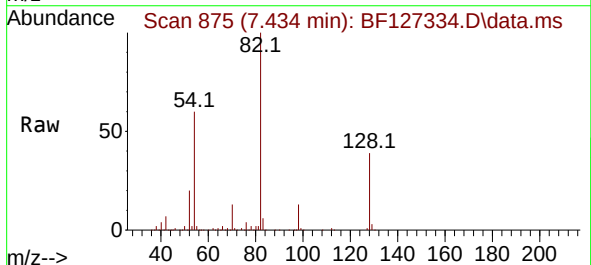
Ion Ratio Lower Upper

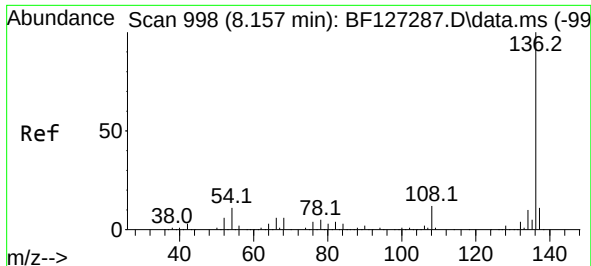
70 100

42 53.9 45.8 68.8

101 0.0 6.9 10.3#

130 1.7 14.4 21.6#

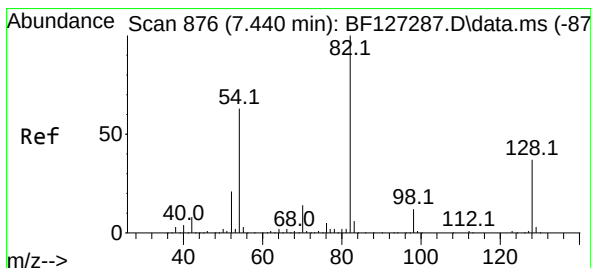
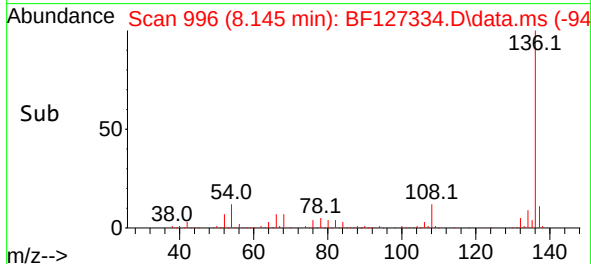
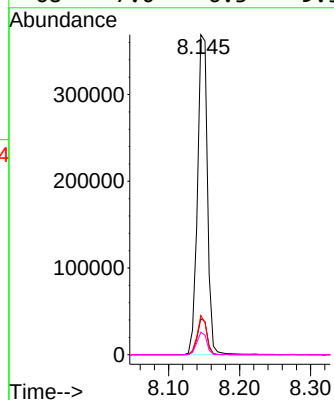
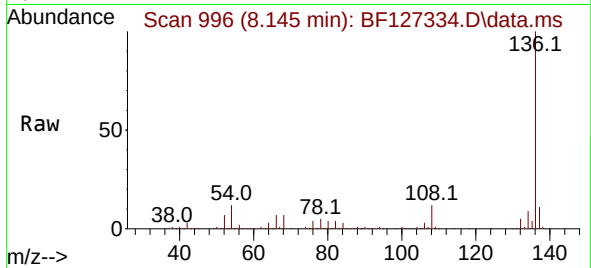




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127334.D
Acq: 15 Mar 2022 20:12

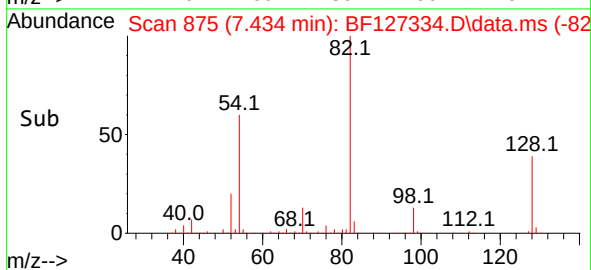
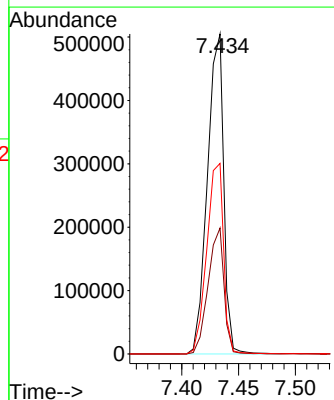
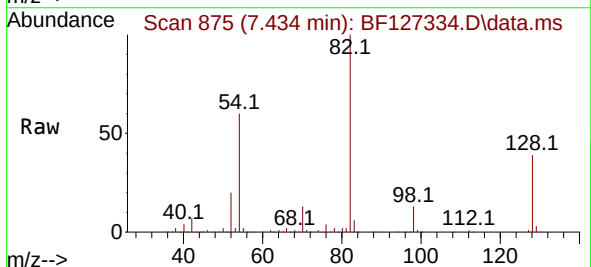
Instrument :
BNA_F
ClientSampleId :
COMP-5

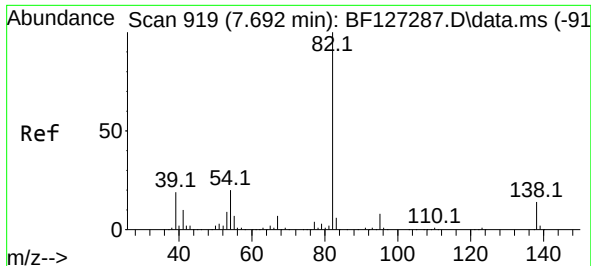
Tgt Ion:136 Resp: 361417
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 12.3 7.8 11.6#
68 7.0 6.3 9.5



#23
Nitrobenzene-d5
Concen: 57.562 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127334.D
Acq: 15 Mar 2022 20:12

Tgt Ion: 82 Resp: 503747
Ion Ratio Lower Upper
82 100
128 39.3 32.7 49.1
54 59.6 41.7 62.5

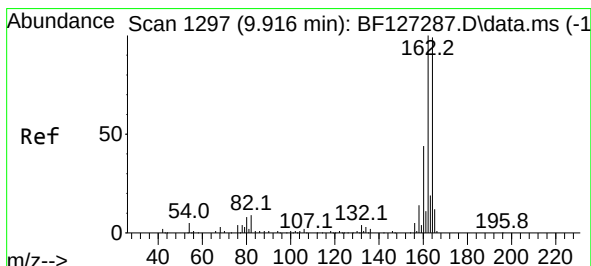
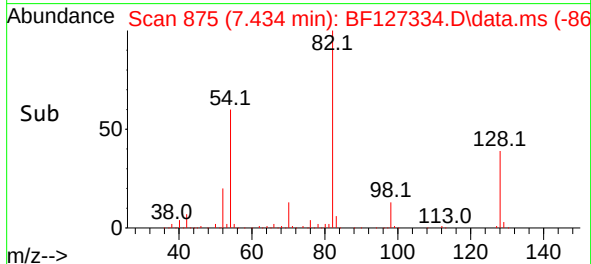
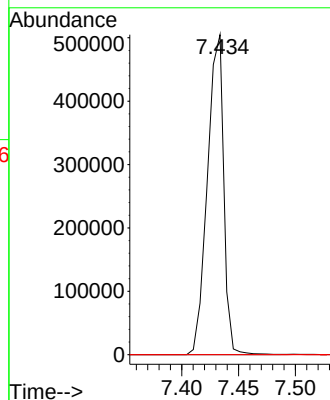
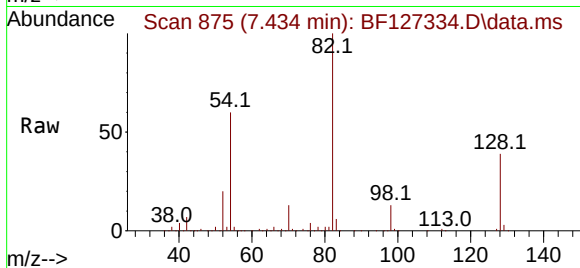




#25
Isophorone
Concen: 35.798 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127334.D
Acq: 15 Mar 2022 20:12

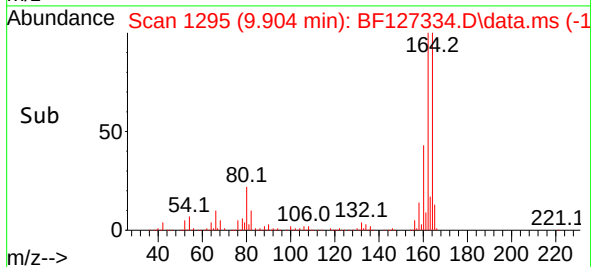
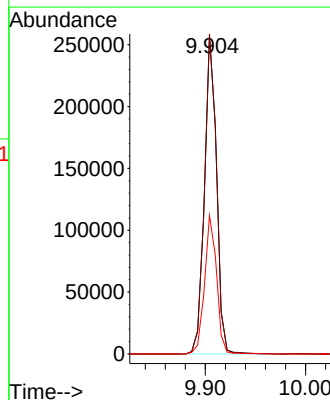
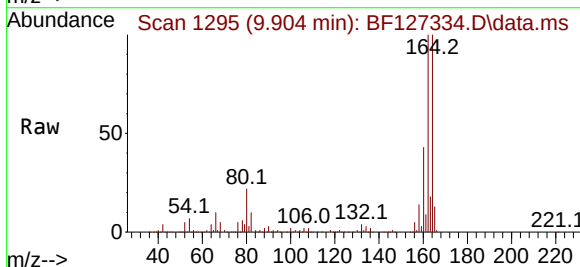
Instrument :
BNA_F
ClientSampleId :
COMP-5

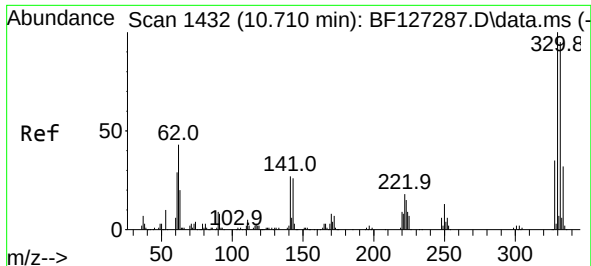
Tgt Ion: 82 Resp: 503747
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127334.D
Acq: 15 Mar 2022 20:12

Tgt Ion: 164 Resp: 216905
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 43.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 54.126 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127334.D

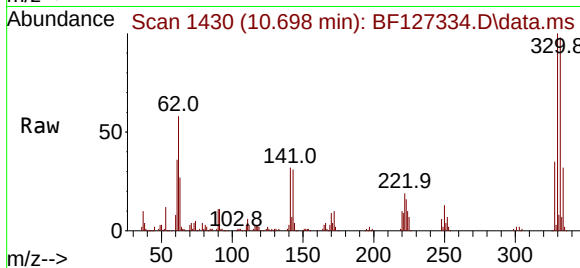
Acq: 15 Mar 2022 20:12

Instrument :

BNA_F

ClientSampleId :

COMP-5



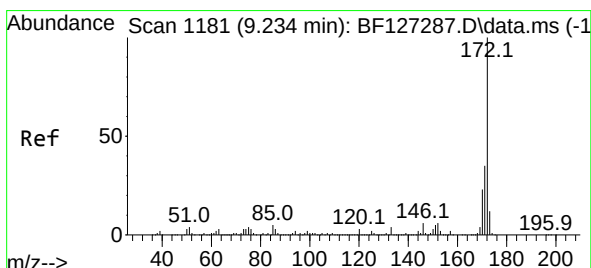
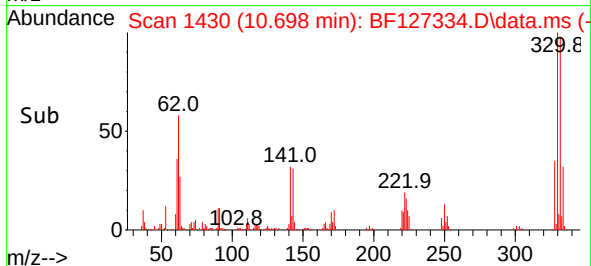
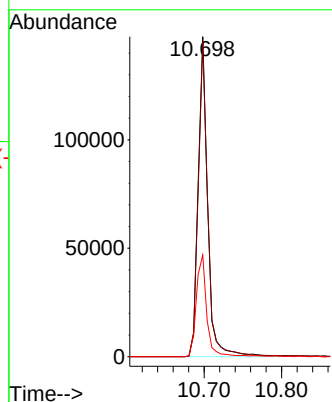
Tgt Ion:330 Resp: 126382

Ion Ratio Lower Upper

330 100

332 98.8 76.0 114.0

141 34.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 58.567 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127334.D

Acq: 15 Mar 2022 20:12

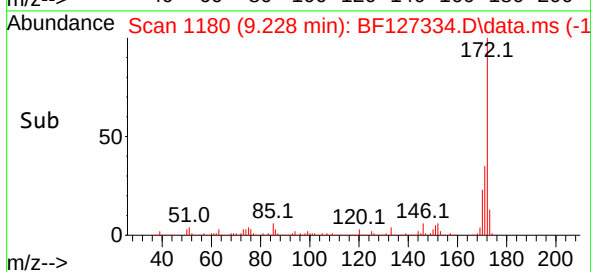
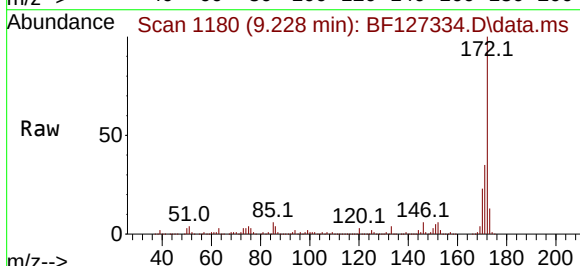
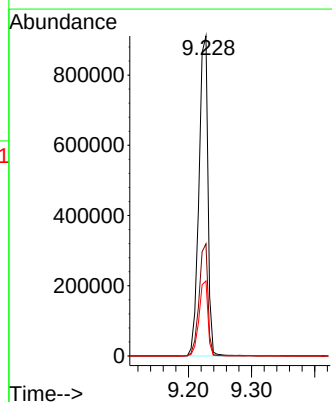
Tgt Ion:172 Resp: 898543

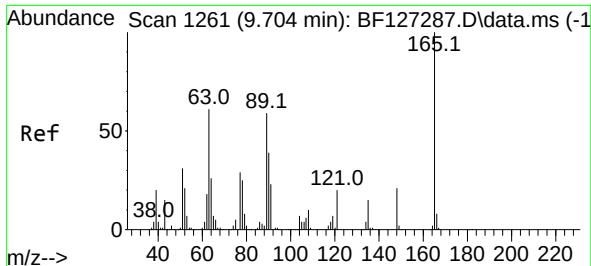
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 19.0 28.6

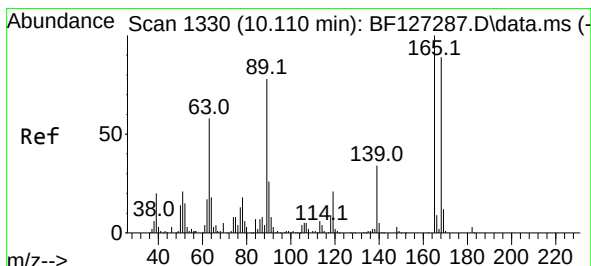
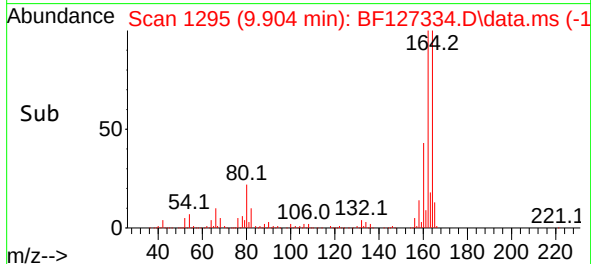
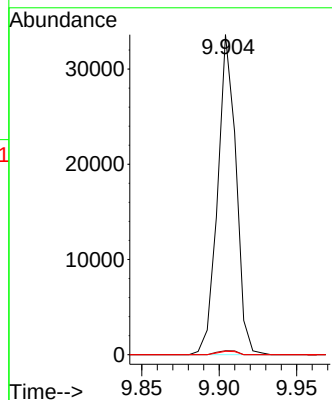
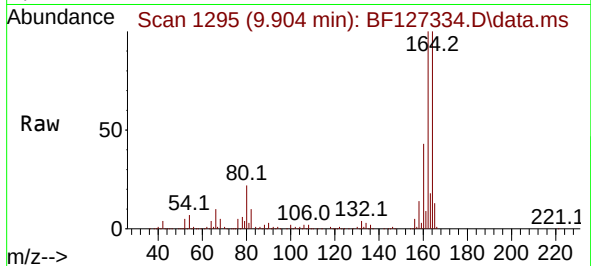




#51
2,6-Dinitrotoluene
Concen: 8.815 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF127334.D
Acq: 15 Mar 2022 20:12

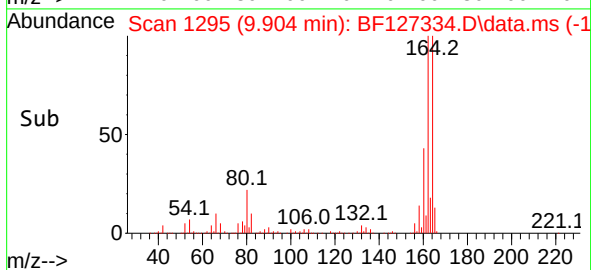
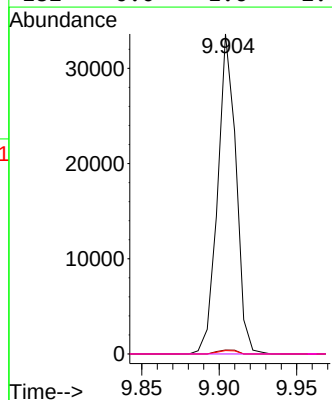
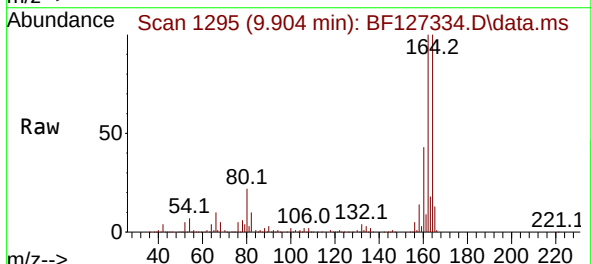
Instrument :
BNA_F
ClientSampleId :
COMP-5

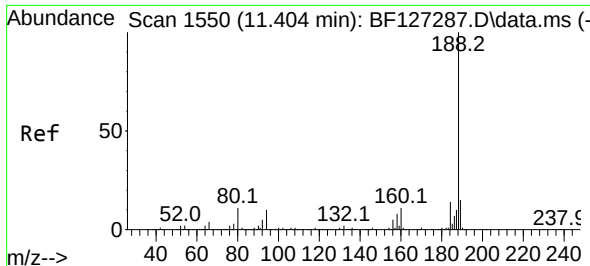
Tgt Ion:165 Resp: 27713
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.699 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127334.D
Acq: 15 Mar 2022 20:12

Tgt Ion:165 Resp: 27713
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.0 71.0 106.4#
182 0.0 1.6 2.4#

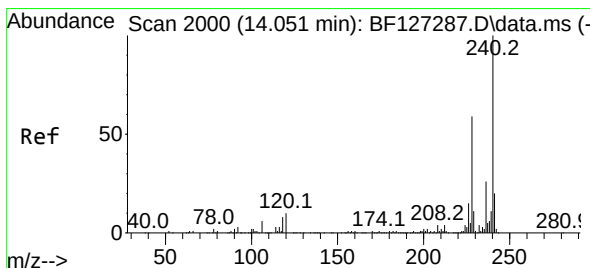
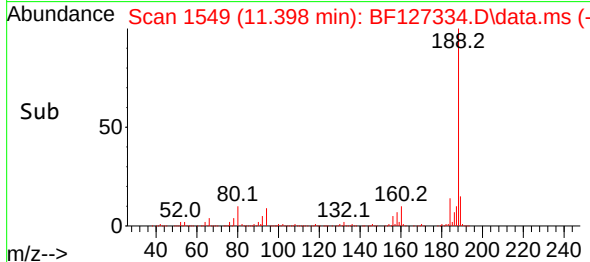
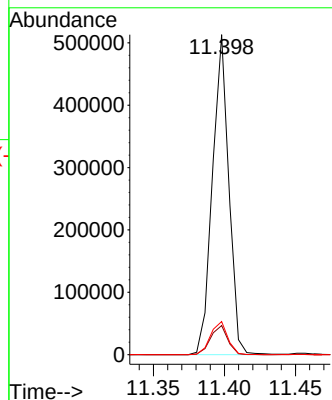
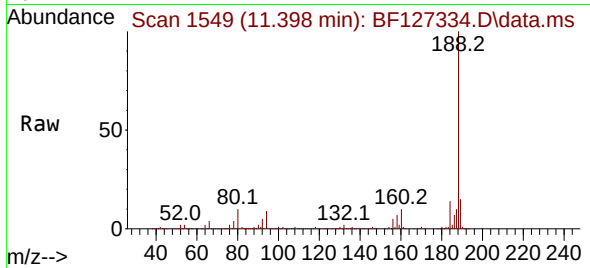




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127334.D
Acq: 15 Mar 2022 20:12

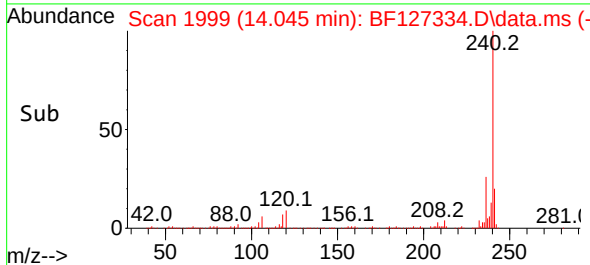
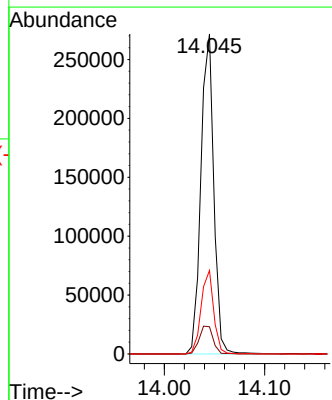
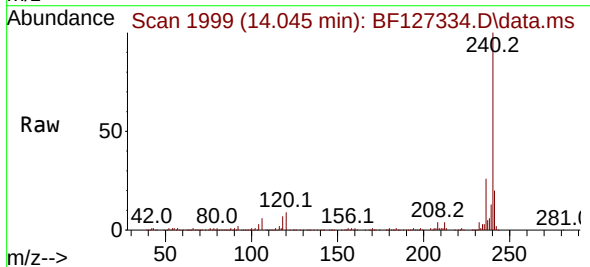
Instrument :
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COMP-5

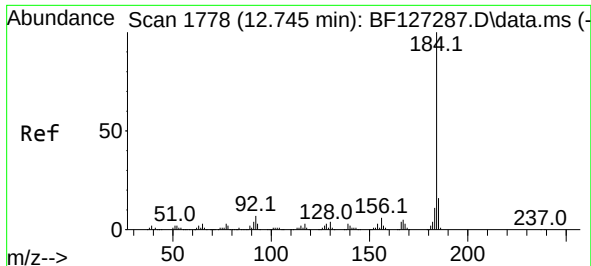
Tgt Ion:188 Resp: 413006
Ion Ratio Lower Upper
188 100
94 9.1 10.1 15.1#
80 10.3 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127334.D
Acq: 15 Mar 2022 20:12

Tgt Ion:240 Resp: 243596
Ion Ratio Lower Upper
240 100
120 8.5 14.4 21.6#
236 26.1 20.5 30.7

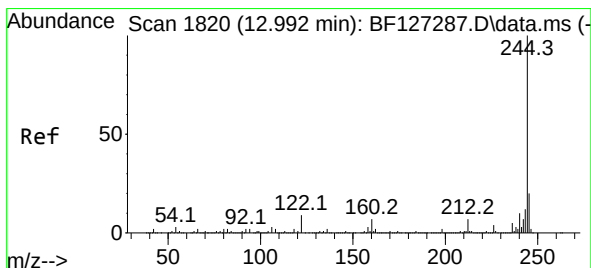
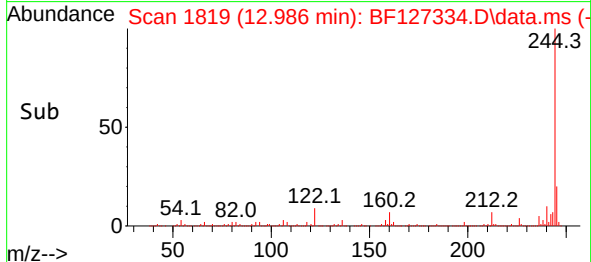
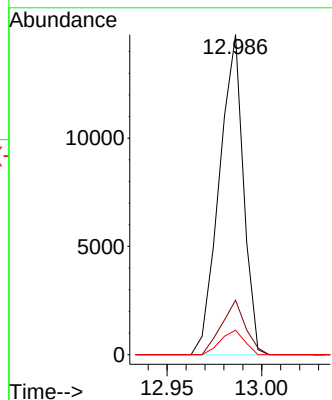
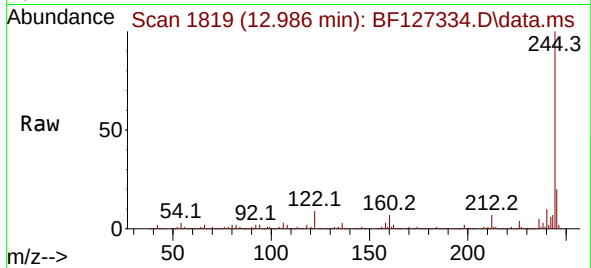




#77
Benzidine
Concen: 2.109 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF127334.D
Acq: 15 Mar 2022 20:12

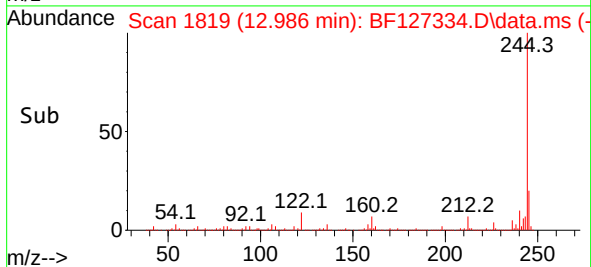
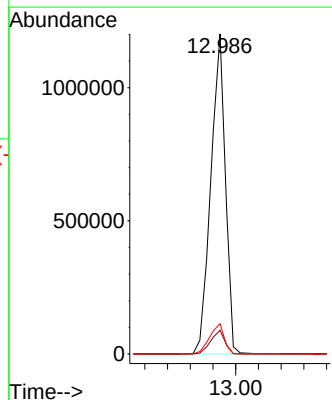
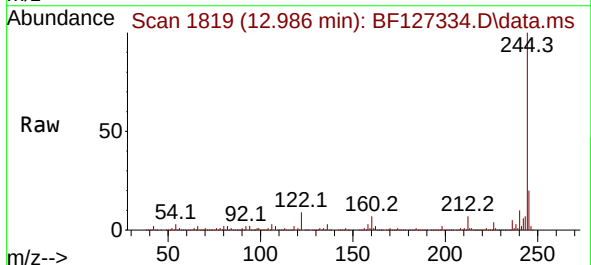
Instrument :
BNA_F
ClientSampleId :
COMP-5

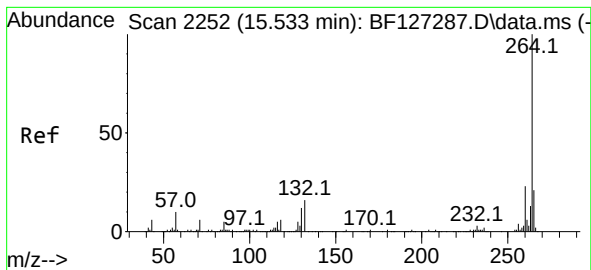
Tgt Ion:184 Resp: 13062
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.8
183 7.6 8.2 12.2#



#79
Terphenyl-d14
Concen: 75.410 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF127334.D
Acq: 15 Mar 2022 20:12

Tgt Ion:244 Resp: 1066795
Ion Ratio Lower Upper
244 100
212 7.4 5.0 7.4
122 9.4 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127334.D

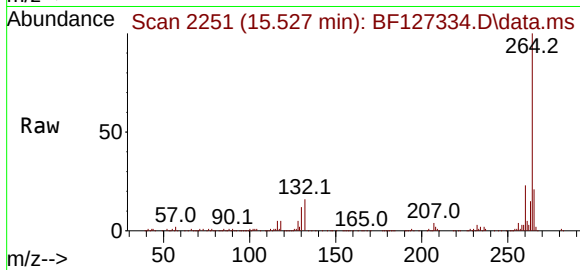
Acq: 15 Mar 2022 20:12

Instrument :

BNA_F

ClientSampleId :

COMP-5



Tgt Ion:264 Resp: 217571

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.8 17.4 26.2

