

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127358.D
 Acq On : 16 Mar 2022 20:27
 Operator : CG\JU
 Sample : N1951-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-15-(20-25)-3-12-22

Quant Time: Mar 17 02:36:31 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)

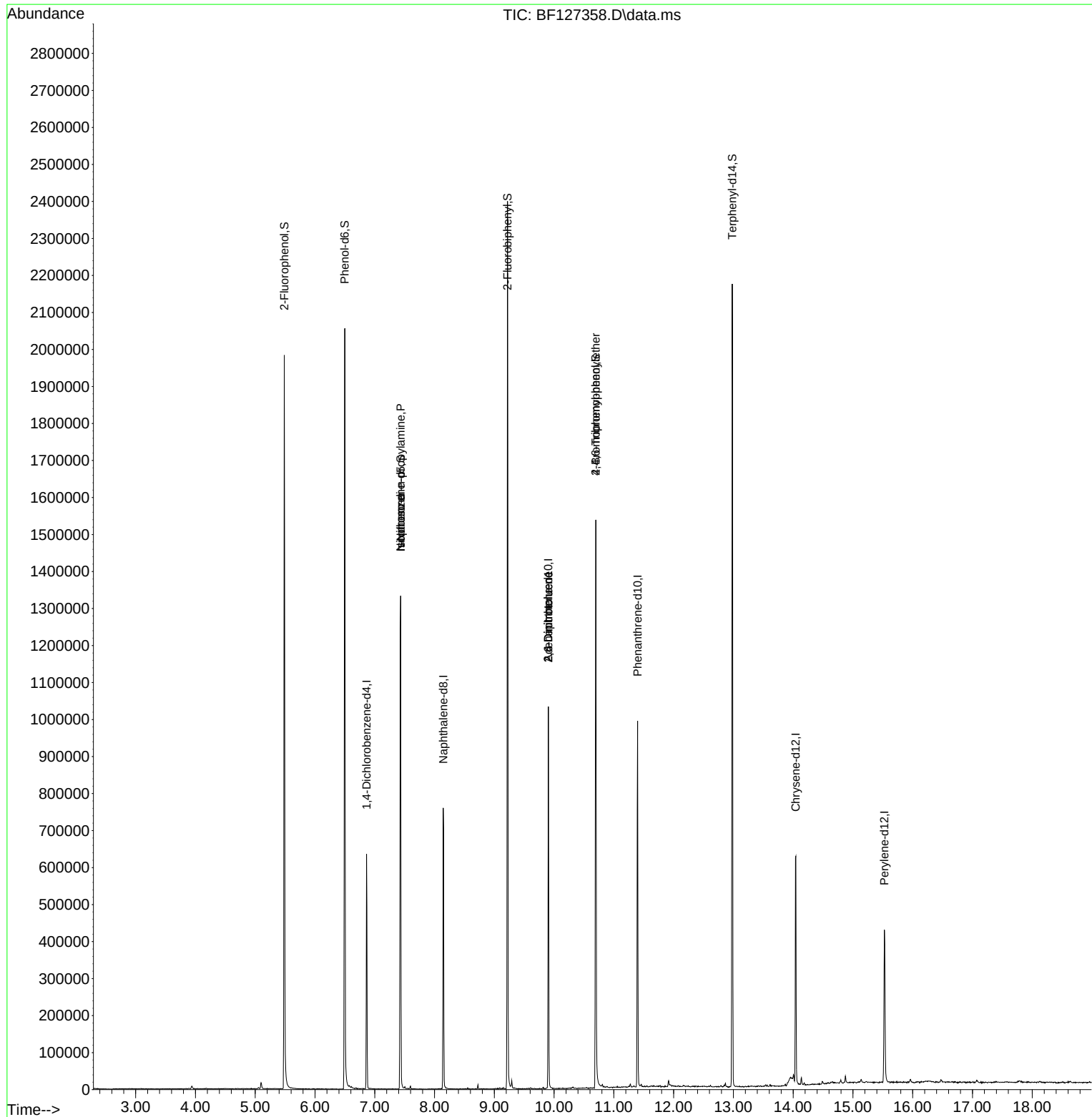
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85867	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	313729	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	186931	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	337899	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	229450	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	197920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	457469	85.645	ng	0.00
7) Phenol-d6	6.498	99	625260	85.093	ng	0.00
23) Nitrobenzene-d5	7.434	82	422766	55.651	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	166959	82.969	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	721360	54.558	ng	-0.01
79) Terphenyl-d14	12.980	244	765404	57.441	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	935	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	56837	12.395	ng	# 85
25) Isophorone	7.434	82	422766	34.610	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	23151	8.544	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	23151	6.494	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	11294	2.773	ng	# 1

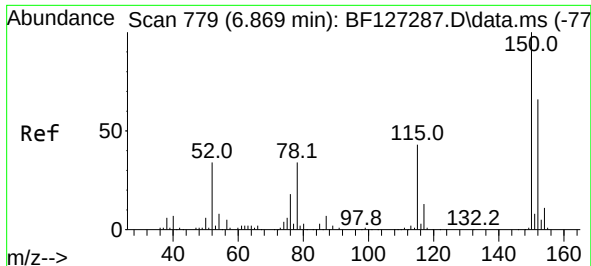
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

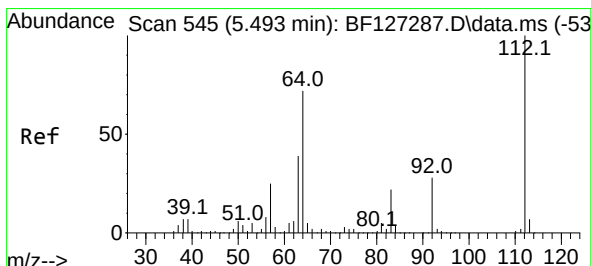
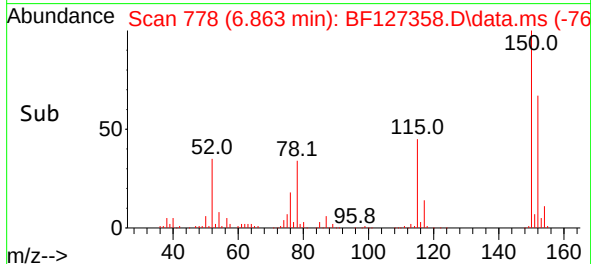
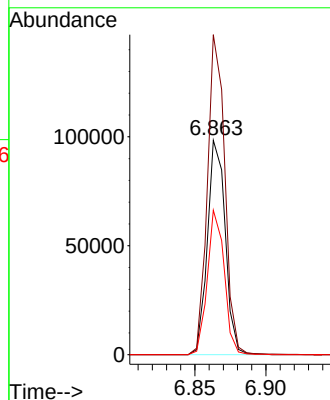
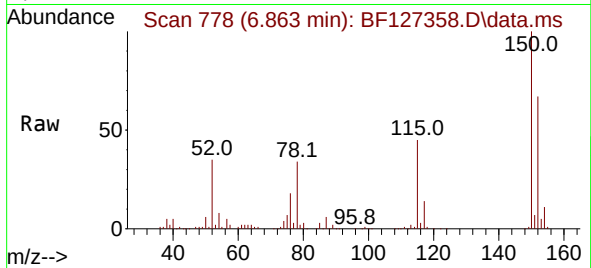




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127358.D
Acq: 16 Mar 2022 20:27

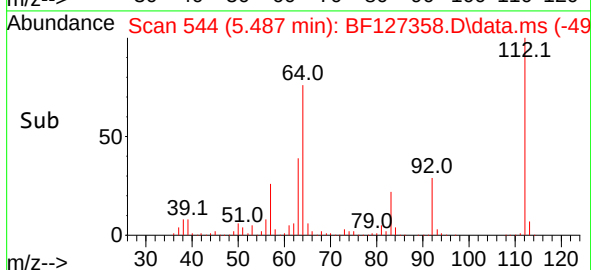
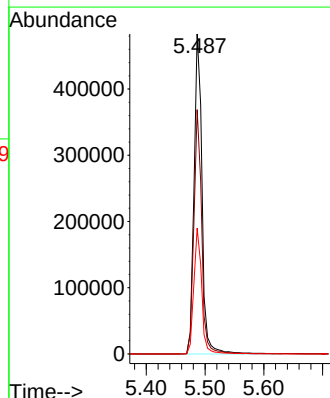
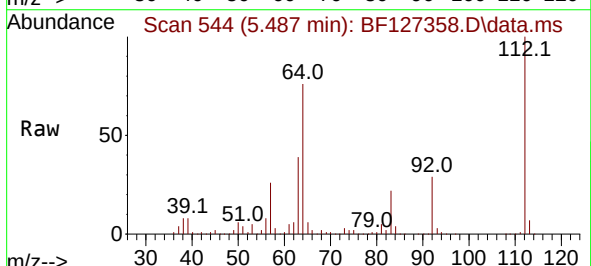
Instrument :
BNA_F
ClientSampleId :
DB-15-(20-25)-3-12-22

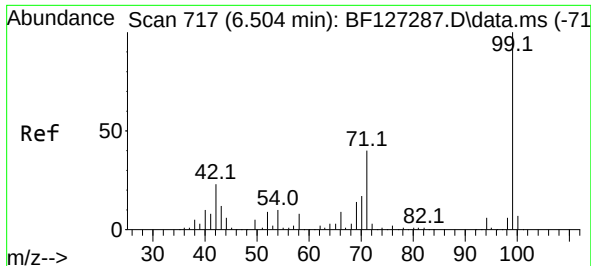
Tgt Ion:152 Resp: 85867
Ion Ratio Lower Upper
152 100
150 149.2 128.1 192.1
115 67.4 56.7 85.1



#5
2-Fluorophenol
Concen: 85.645 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF127358.D
Acq: 16 Mar 2022 20:27

Tgt Ion:112 Resp: 457469
Ion Ratio Lower Upper
112 100
64 76.4 49.5 74.3#
63 39.3 23.9 35.9#





#7

Phenol-d6

Concen: 85.093 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127358.D

Acq: 16 Mar 2022 20:27

Instrument :

BNA_F

ClientSampleId :

DB-15-(20-25)-3-12-22

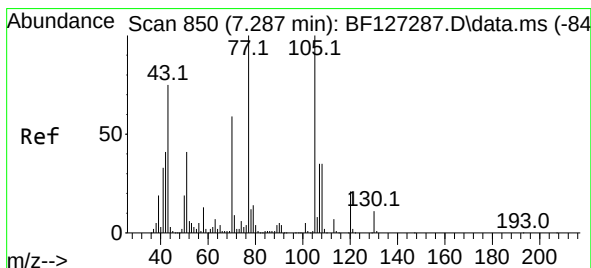
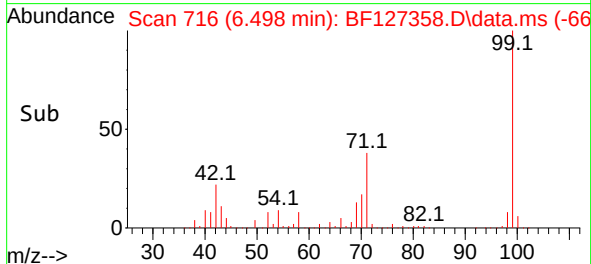
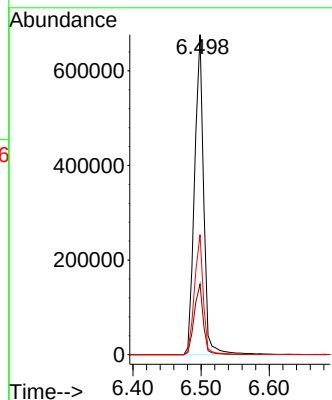
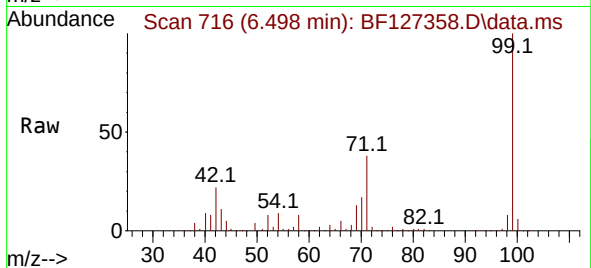
Tgt Ion: 99 Resp: 625260

Ion Ratio Lower Upper

99 100

42 22.1 14.2 21.4#

71 37.5 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 12.395 ng

RT: 7.434 min Scan# 875

Delta R.T. 0.147 min

Lab File: BF127358.D

Acq: 16 Mar 2022 20:27

Tgt Ion: 70 Resp: 56837

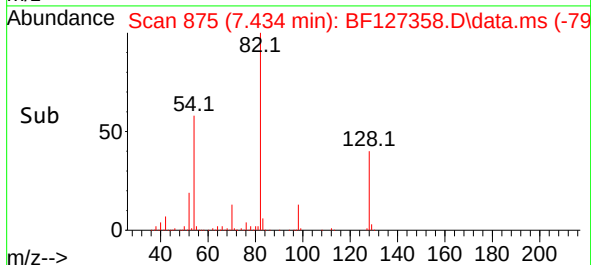
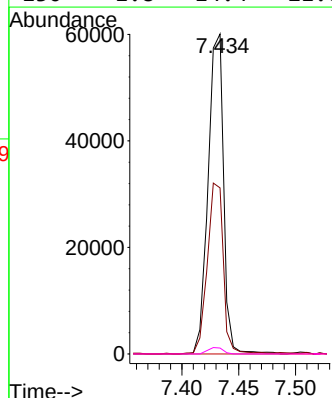
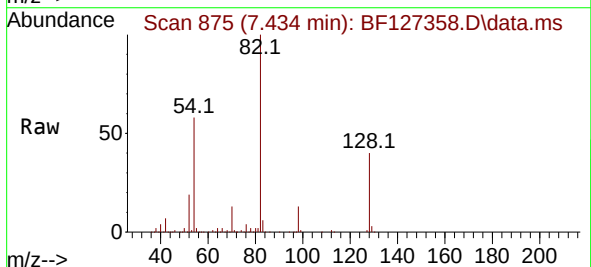
Ion Ratio Lower Upper

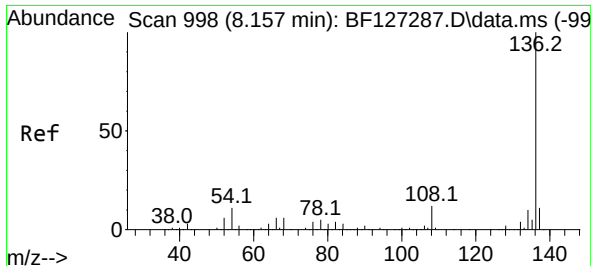
70 100

42 51.9 45.8 68.8

101 0.0 6.9 10.3#

130 1.8 14.4 21.6#

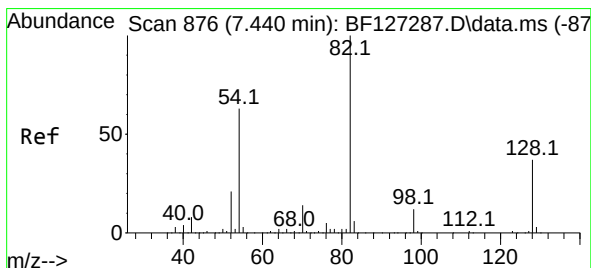
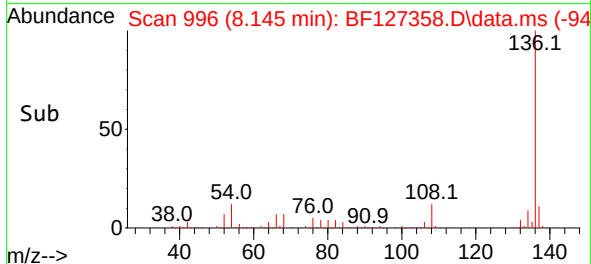
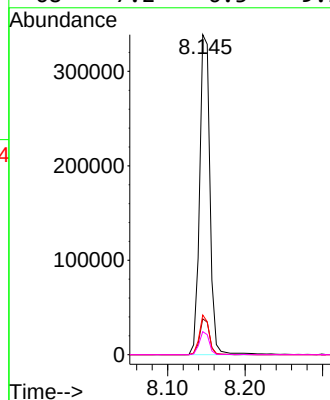
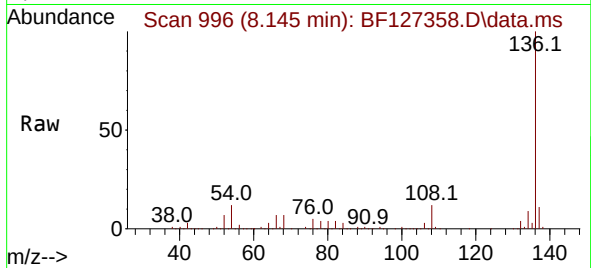




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127358.D
Acq: 16 Mar 2022 20:27

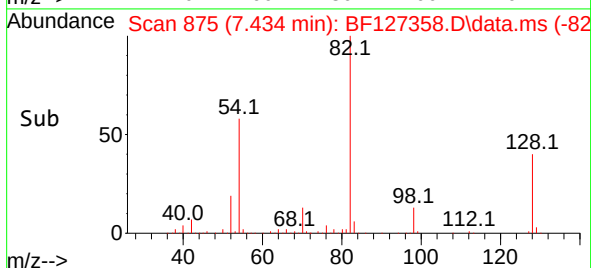
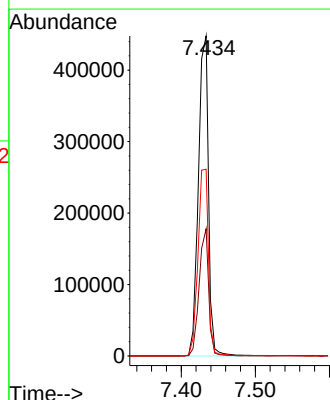
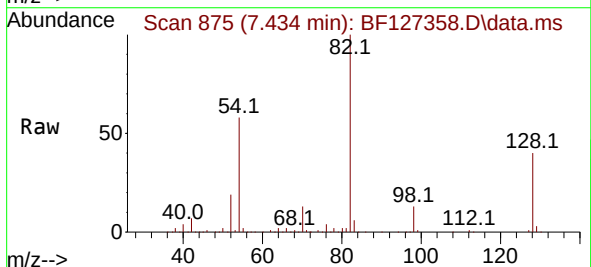
Instrument :
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ClientSampleId :
DB-15-(20-25)-3-12-22

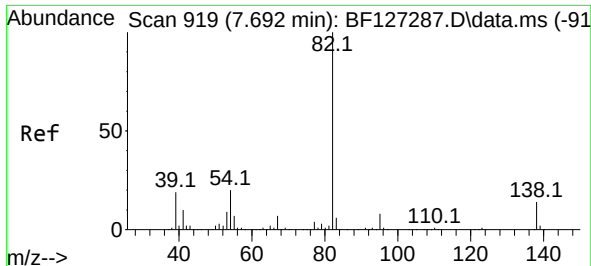
Tgt Ion:136 Resp: 313729
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 12.4 7.8 11.6#
68 7.2 6.3 9.5



#23
Nitrobenzene-d5
Concen: 55.651 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127358.D
Acq: 16 Mar 2022 20:27

Tgt Ion: 82 Resp: 422766
Ion Ratio Lower Upper
82 100
128 39.8 32.7 49.1
54 58.4 41.7 62.5

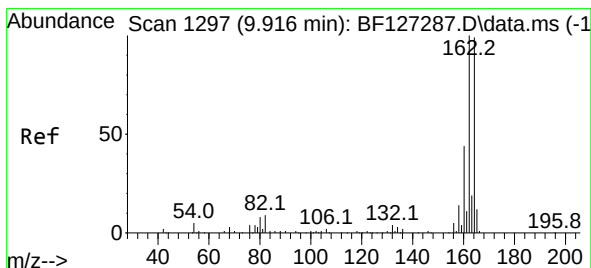
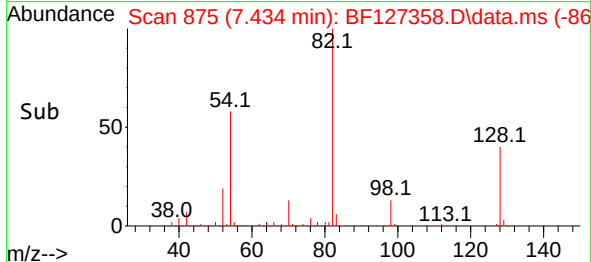
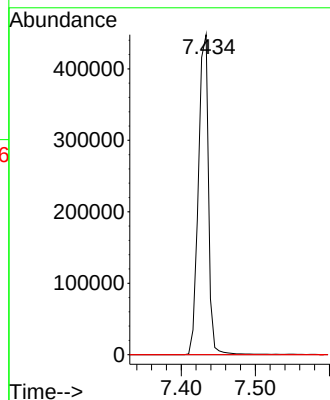
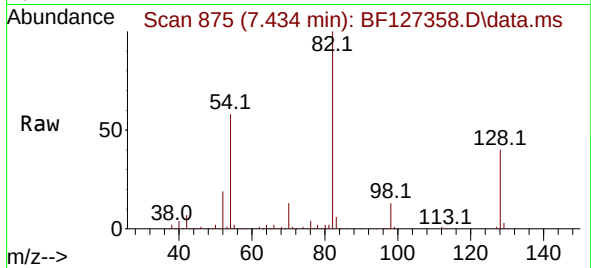




#25
Isophorone
Concen: 34.610 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127358.D
Acq: 16 Mar 2022 20:27

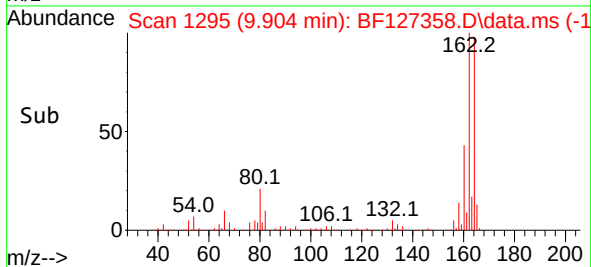
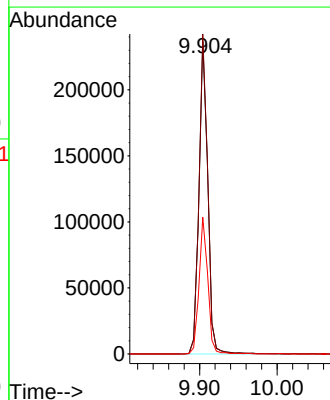
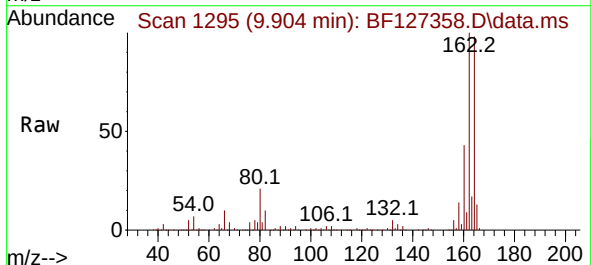
Instrument :
BNA_F
ClientSampleId :
DB-15-(20-25)-3-12-22

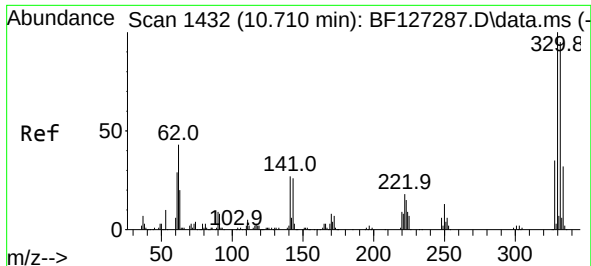
Tgt Ion: 82 Resp: 422766
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127358.D
Acq: 16 Mar 2022 20:27

Tgt Ion:164 Resp: 186931
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 43.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 82.969 ng

RT: 10.698 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF127358.D

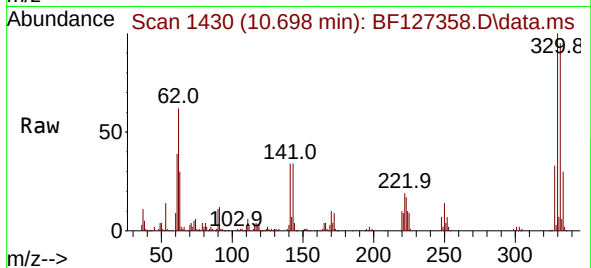
Acq: 16 Mar 2022 20:27

Instrument :

BNA_F

ClientSampleId :

DB-15-(20-25)-3-12-22



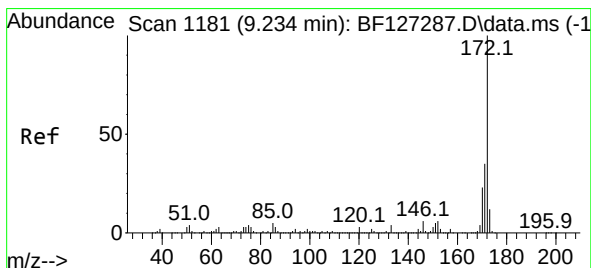
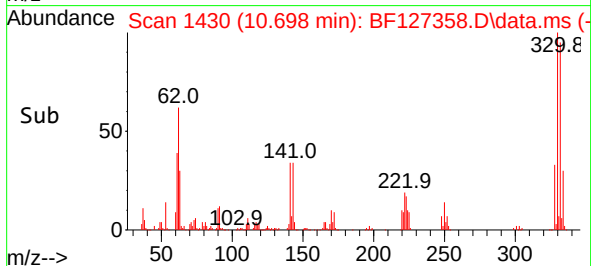
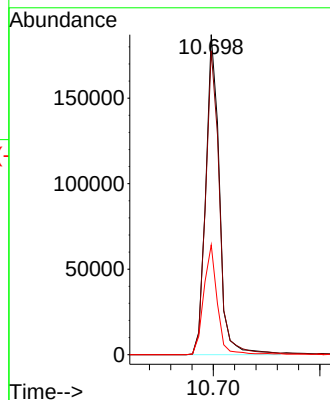
Tgt Ion:330 Resp: 166959

Ion Ratio Lower Upper

330 100

332 97.4 76.0 114.0

141 33.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 54.558 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127358.D

Acq: 16 Mar 2022 20:27

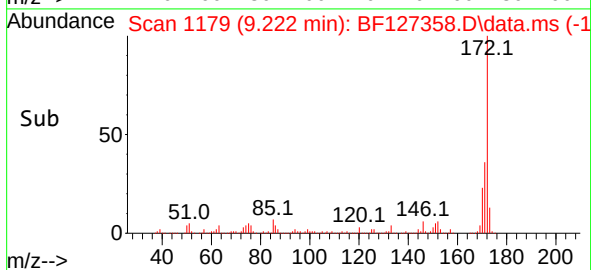
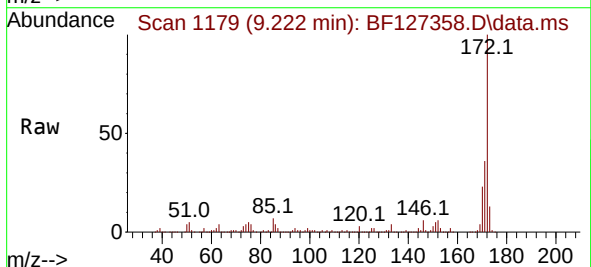
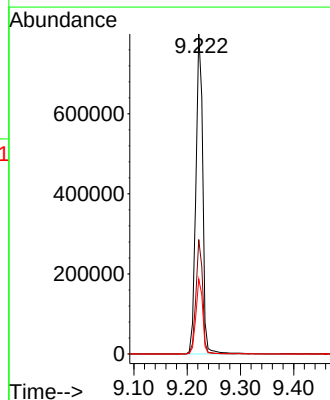
Tgt Ion:172 Resp: 721360

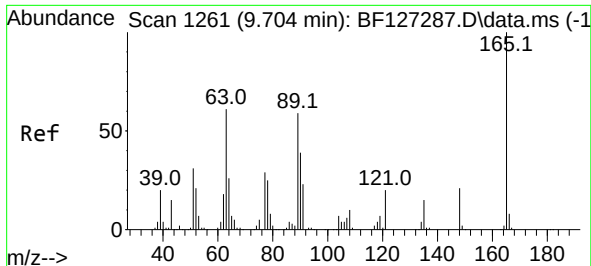
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.4 19.0 28.6

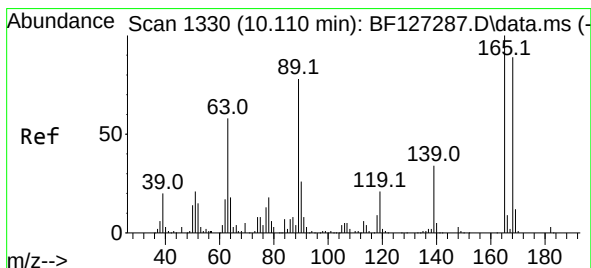
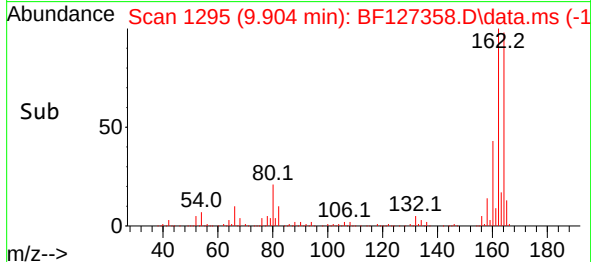
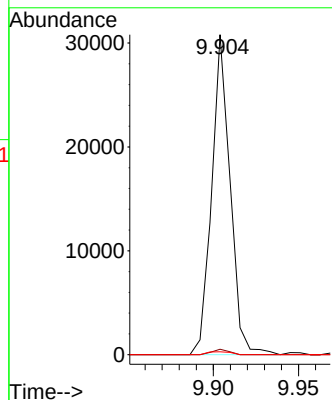
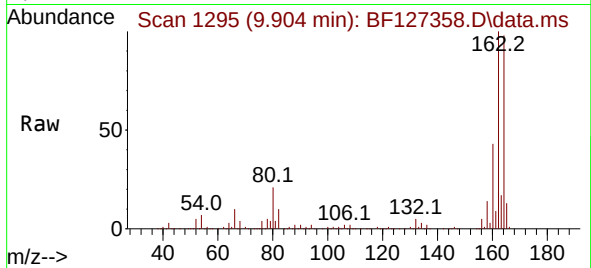




#51
2,6-Dinitrotoluene
Concen: 8.544 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127358.D
Acq: 16 Mar 2022 20:27

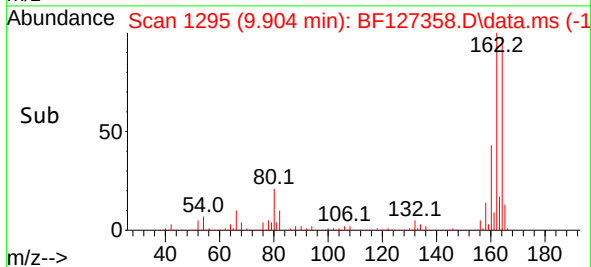
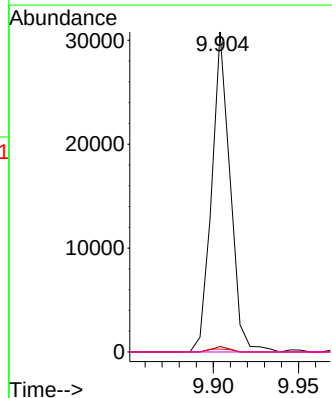
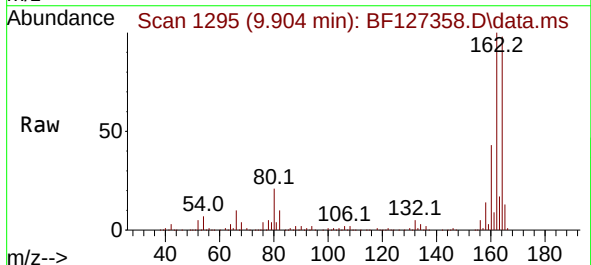
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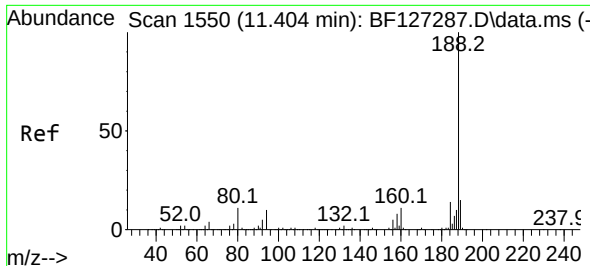
Tgt Ion:165 Resp: 23151
Ion Ratio Lower Upper
165 100
63 1.7 48.4 72.6#
89 0.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.494 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127358.D
Acq: 16 Mar 2022 20:27

Tgt Ion:165 Resp: 23151
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 0.9 71.0 106.4#
182 0.0 1.6 2.4#

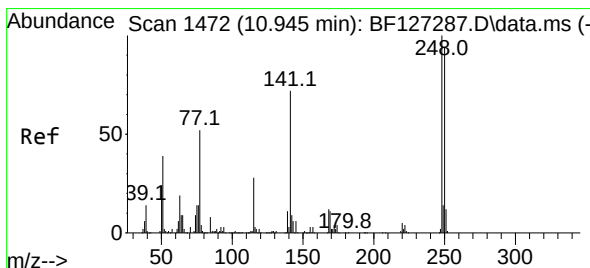
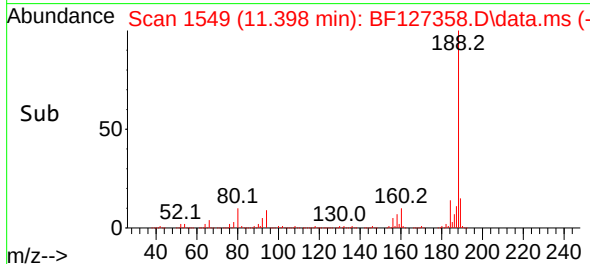
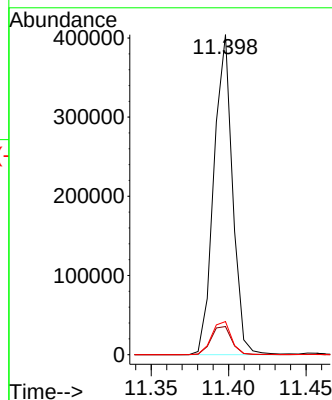
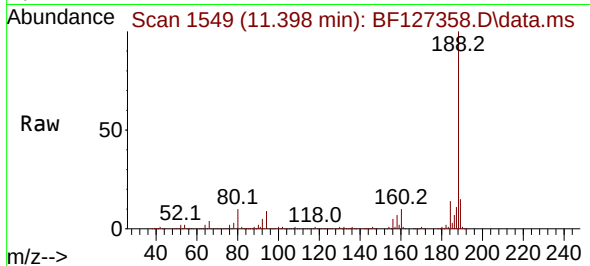




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127358.D
Acq: 16 Mar 2022 20:27

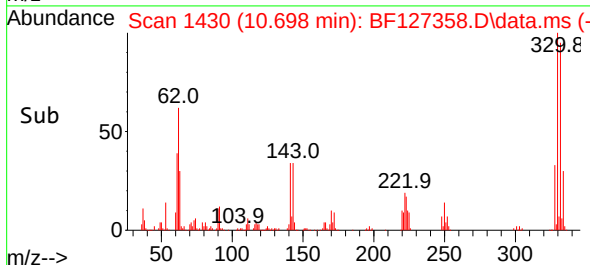
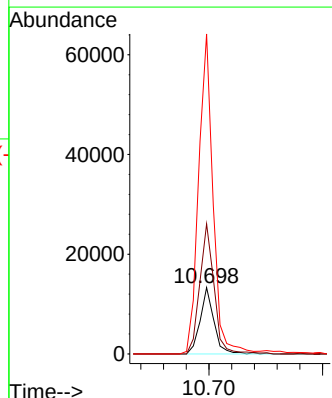
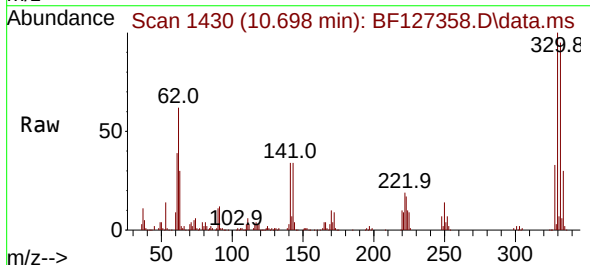
Instrument :
BNA_F
ClientSampleId :
DB-15-(20-25)-3-12-22

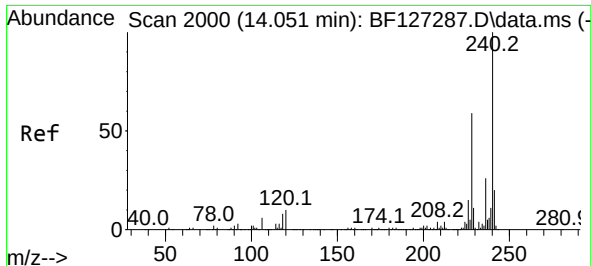
Tgt Ion:188 Resp: 337899
Ion Ratio Lower Upper
188 100
94 8.8 10.1 15.1#
80 10.4 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 2.773 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127358.D
Acq: 16 Mar 2022 20:27

Tgt Ion:248 Resp: 11294
Ion Ratio Lower Upper
248 100
250 196.0 76.2 114.4#
141 482.2 66.2 99.4#

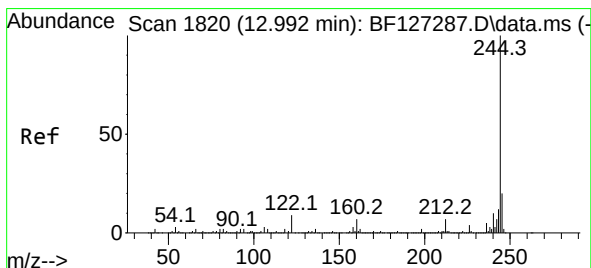
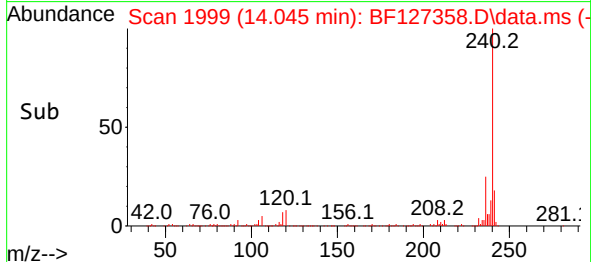
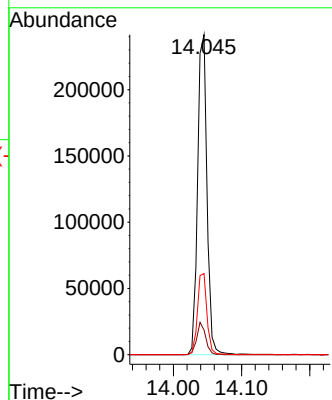
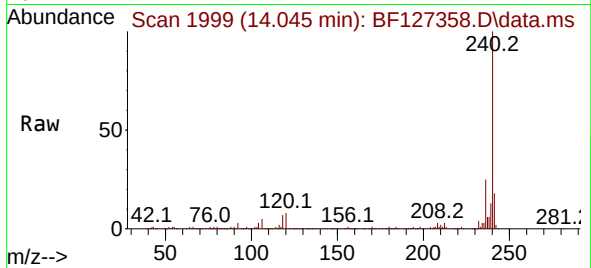




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127358.D
Acq: 16 Mar 2022 20:27

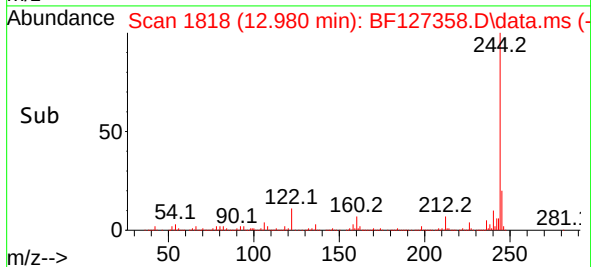
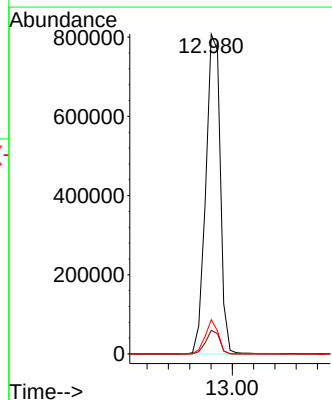
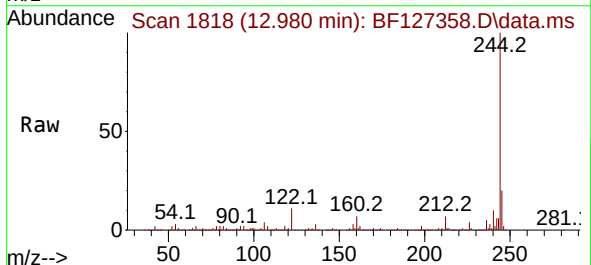
Instrument :
BNA_F
ClientSampleId :
DB-15-(20-25)-3-12-22

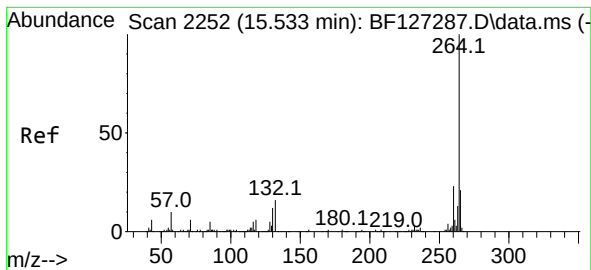
Tgt Ion:240 Resp: 229450
Ion Ratio Lower Upper
240 100
120 7.7 14.4 21.6#
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 57.441 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF127358.D
Acq: 16 Mar 2022 20:27

Tgt Ion:244 Resp: 765404
Ion Ratio Lower Upper
244 100
212 7.4 5.0 7.4
122 10.7 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: BF127358.D

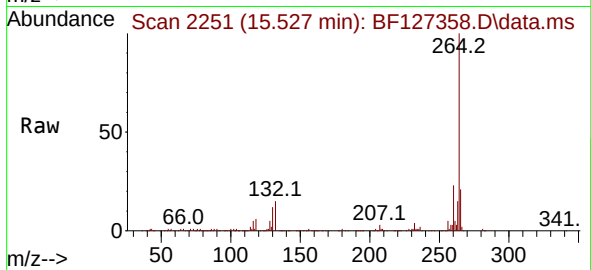
Acq: 16 Mar 2022 20:27

Instrument :

BNA_F

ClientSampleId :

DB-15-(20-25)-3-12-22



Tgt Ion:264 Resp: 197920

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.1 17.4 26.2

