

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127344.D
 Acq On : 16 Mar 2022 01:01
 Operator : CG\JU
 Sample : N1914-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Mar 16 05:32:01 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)

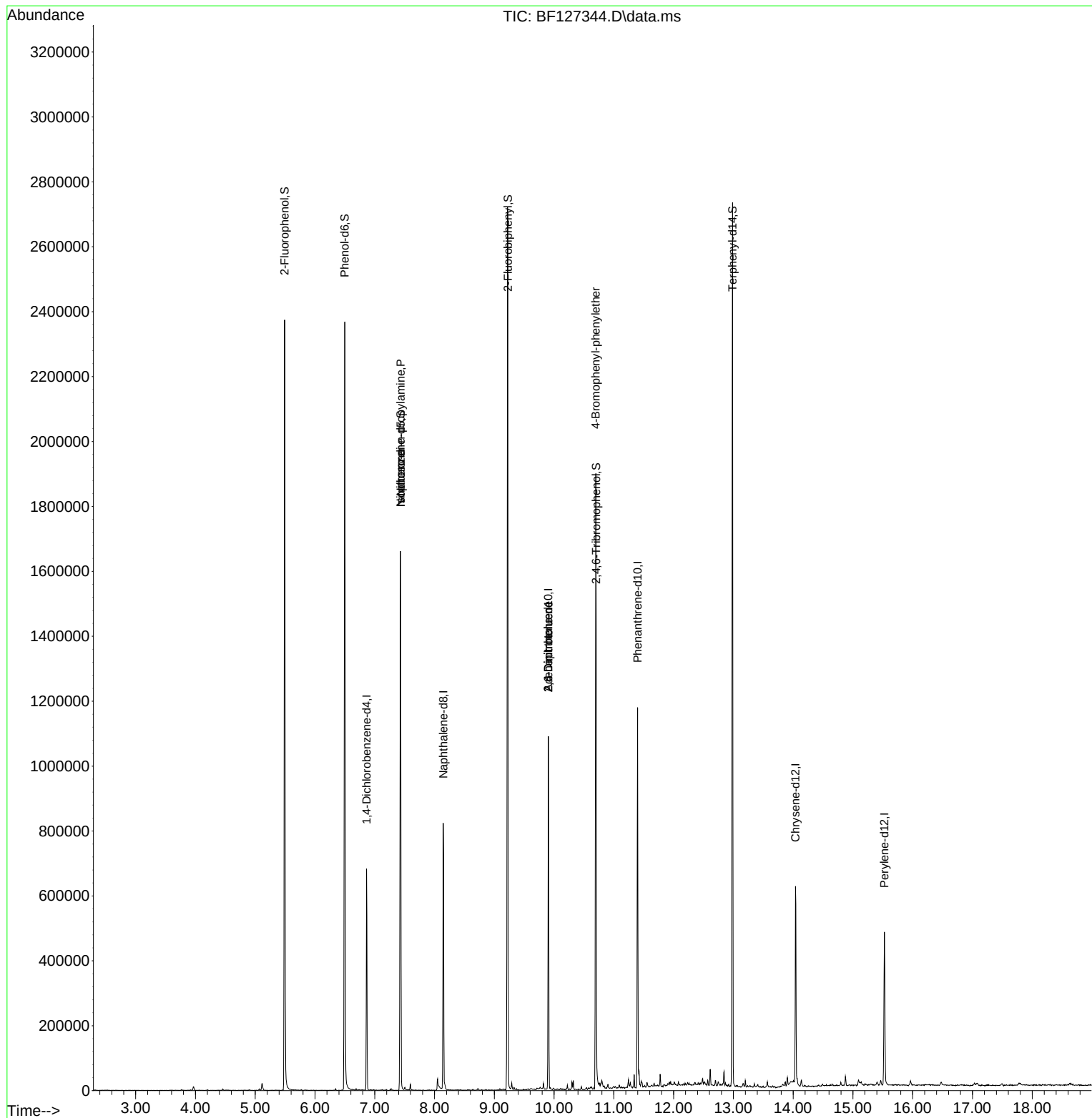
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90698	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	345795	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	208282	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	382910	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	209995	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	202989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	573590	101.665	ng	0.00
7) Phenol-d6	6.498	99	783071	100.893	ng	0.00
23) Nitrobenzene-d5	7.434	82	539038	64.377	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	219788	98.026	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	931459	63.226	ng	0.00
79) Terphenyl-d14	12.986	244	943182	77.340	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	66	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	72880	15.047	ng	# 86
25) Isophorone	7.434	82	539032	40.036	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	26404	8.746	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	26404	6.647	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	15035	3.257	ng	# 1

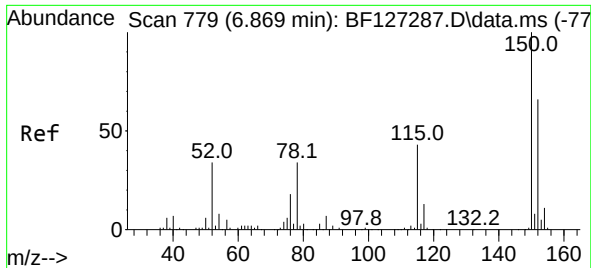
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

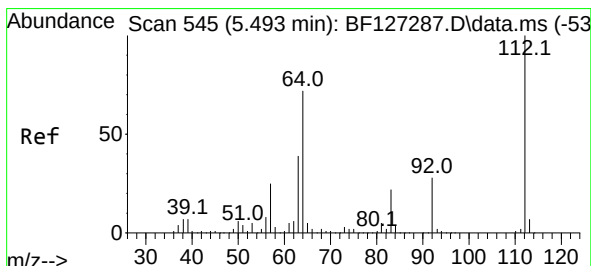
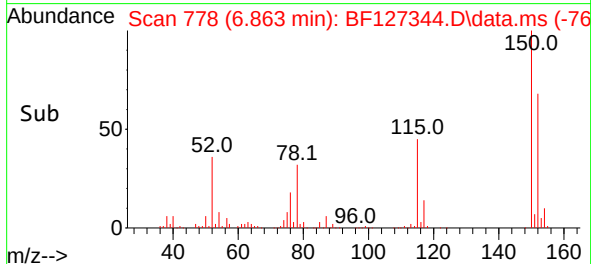
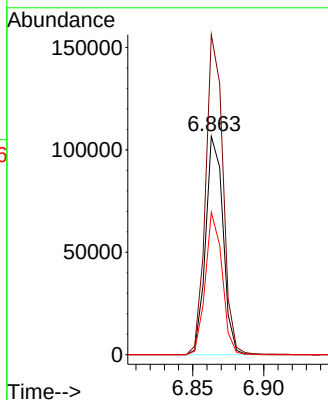
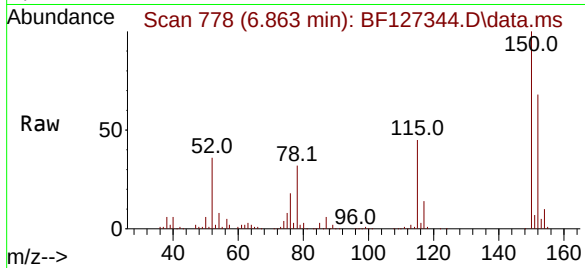




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

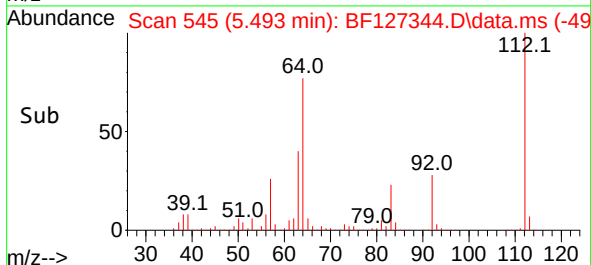
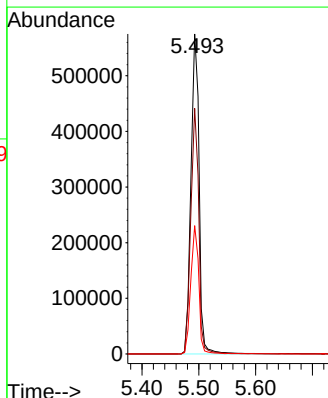
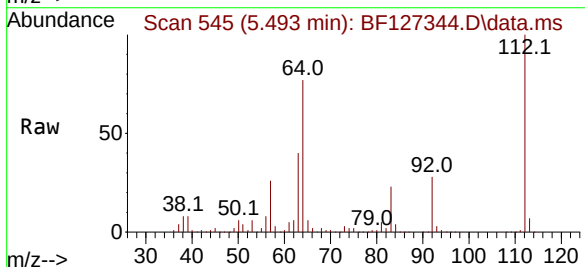
Instrument :
BNA_F
ClientSampleId :
TP-2

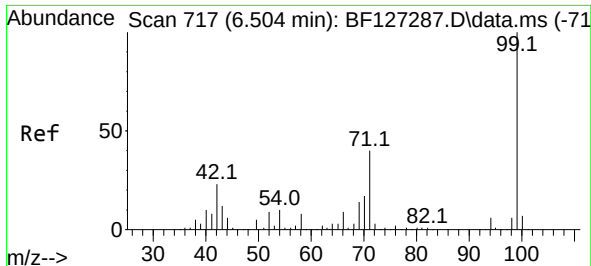
Tgt Ion:152 Resp: 90698
Ion Ratio Lower Upper
152 100
150 146.6 128.1 192.1
115 65.3 56.7 85.1



#5
2-Fluorophenol
Concen: 101.665 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

Tgt Ion:112 Resp: 573590
Ion Ratio Lower Upper
112 100
64 76.8 49.5 74.3#
63 40.1 23.9 35.9#

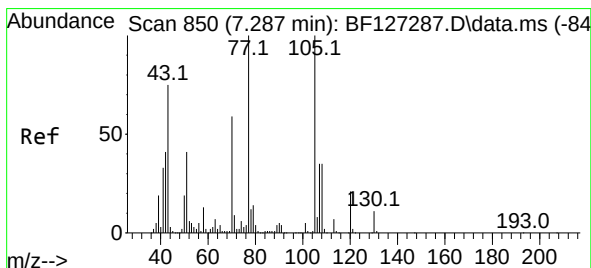
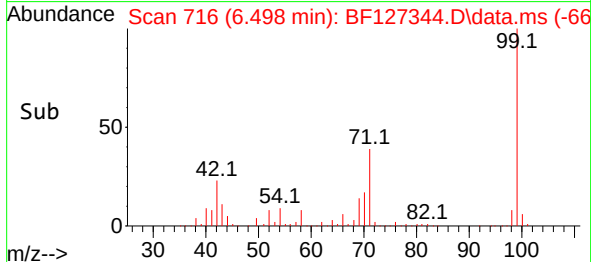
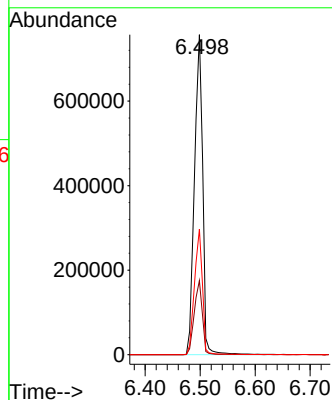
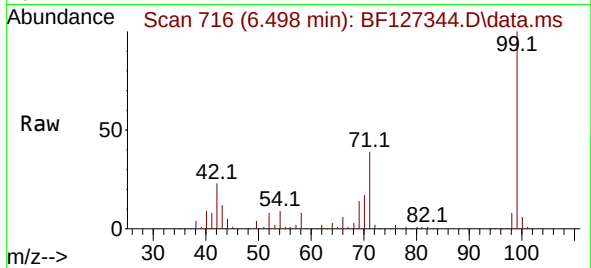




#7
Phenol-d6
Concen: 100.893 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

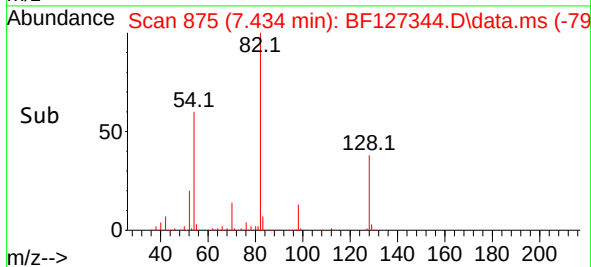
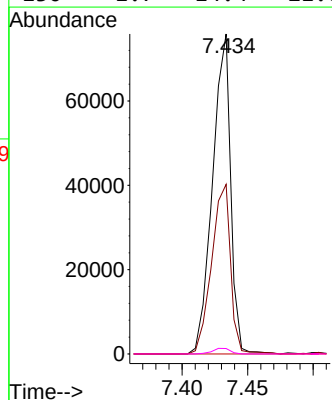
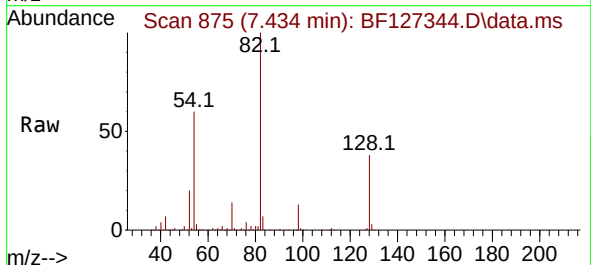
Instrument :
BNA_F
ClientSampleId :
TP-2

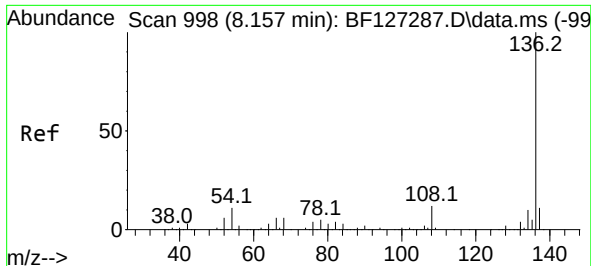
Tgt Ion: 99 Resp: 783071
Ion Ratio Lower Upper
99 100
42 23.1 14.2 21.4#
71 39.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 15.047 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

Tgt Ion: 70 Resp: 72880
Ion Ratio Lower Upper
70 100
42 53.0 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

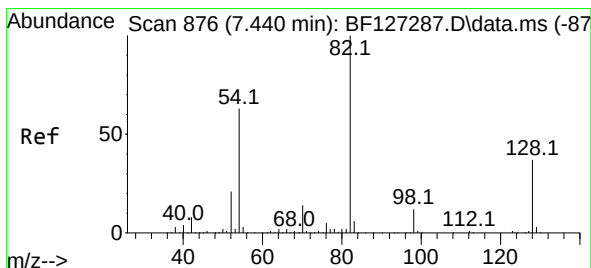
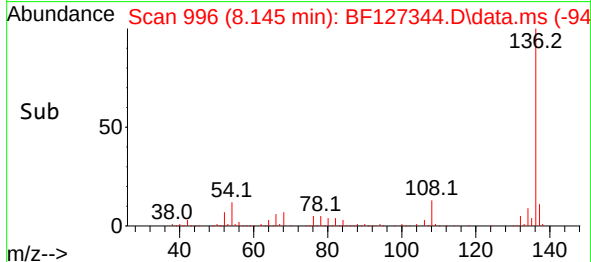
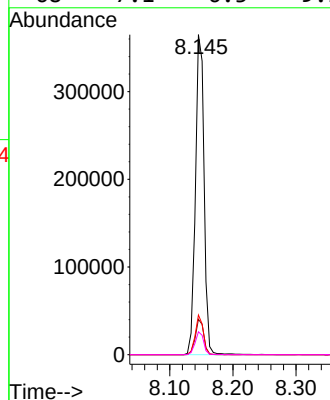
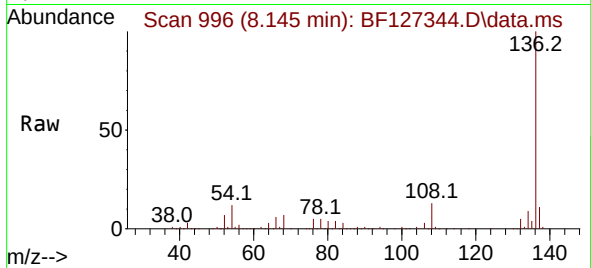




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

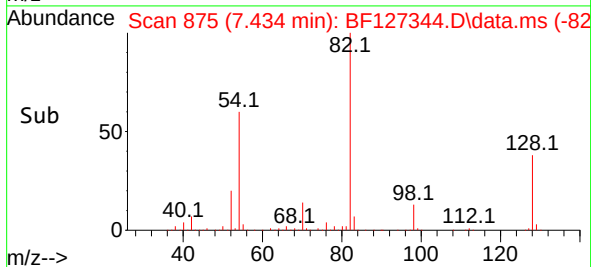
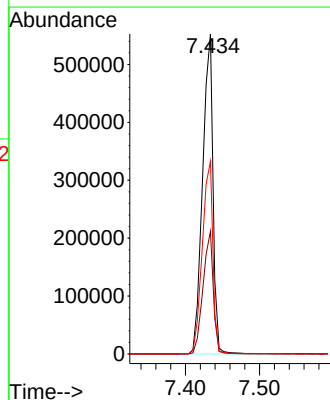
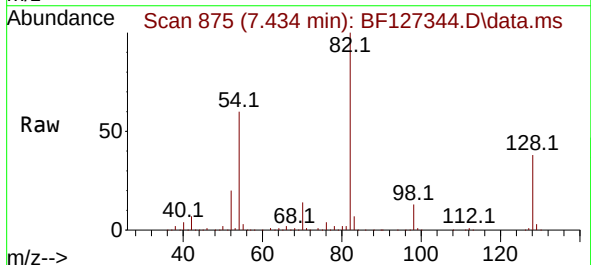
Instrument :
BNA_F
ClientSampleId :
TP-2

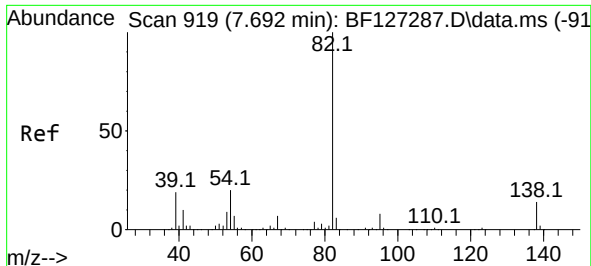
Tgt Ion:136 Resp: 345795
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 12.4 7.8 11.6#
68 7.1 6.3 9.5



#23
Nitrobenzene-d5
Concen: 64.377 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

Tgt Ion: 82 Resp: 539038
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 60.2 41.7 62.5

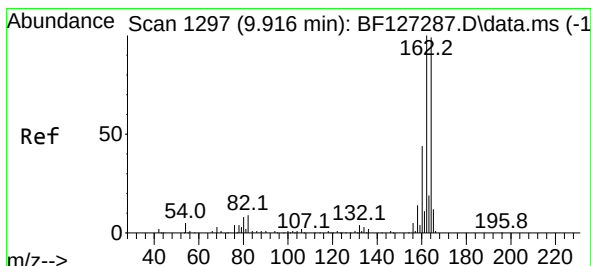
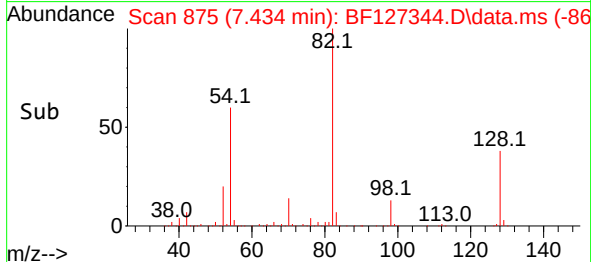
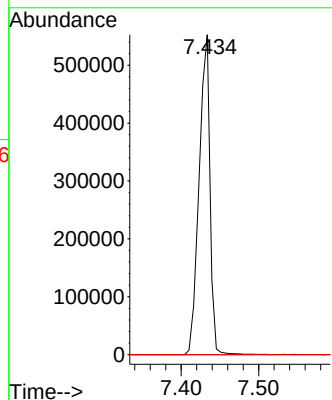
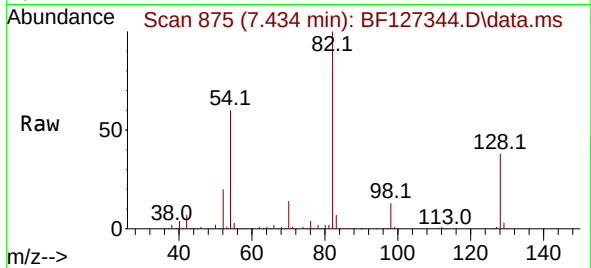




#25
Isophorone
Concen: 40.036 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

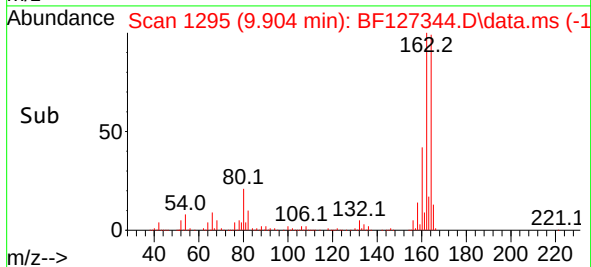
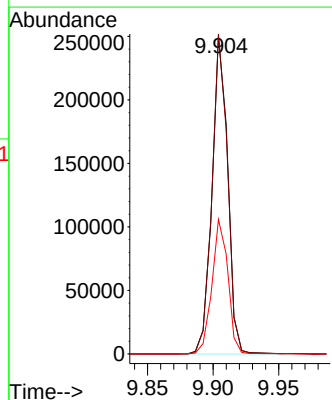
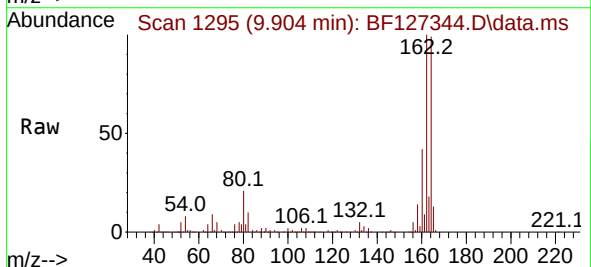
Instrument :
BNA_F
ClientSampleId :
TP-2

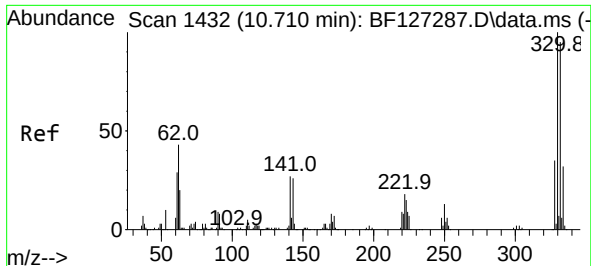
Tgt Ion: 82 Resp: 539032
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

Tgt Ion: 164 Resp: 208282
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 42.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 98.026 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF127344.D

Acq: 16 Mar 2022 01:01

Instrument :

BNA_F

ClientSampleId :

TP-2

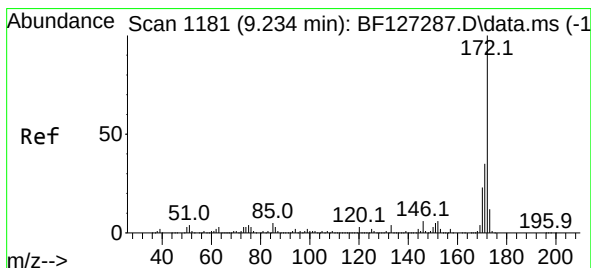
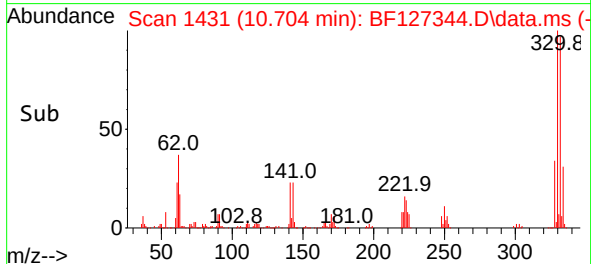
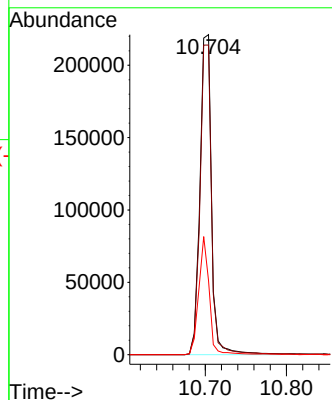
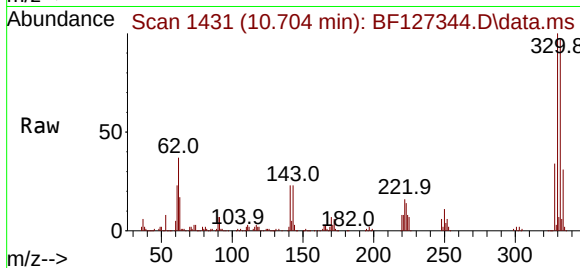
Tgt Ion:330 Resp: 219788

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

141 33.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 63.226 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127344.D

Acq: 16 Mar 2022 01:01

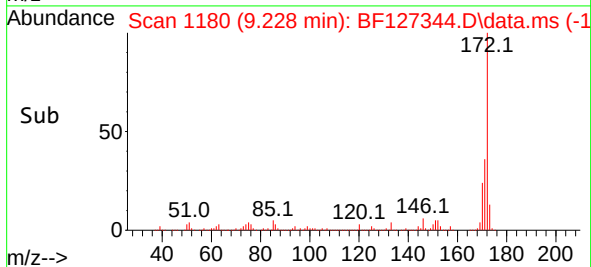
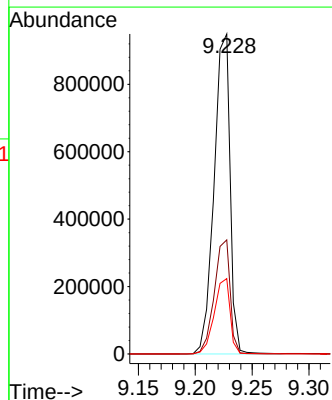
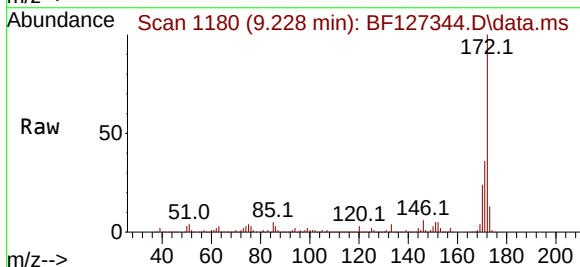
Tgt Ion:172 Resp: 931459

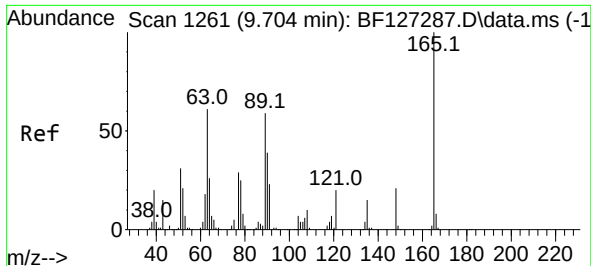
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.6 19.0 28.6

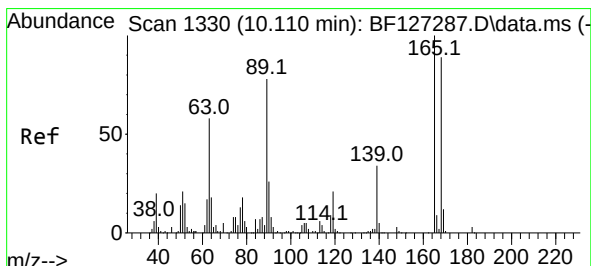
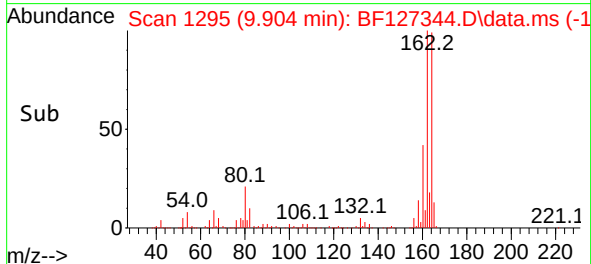
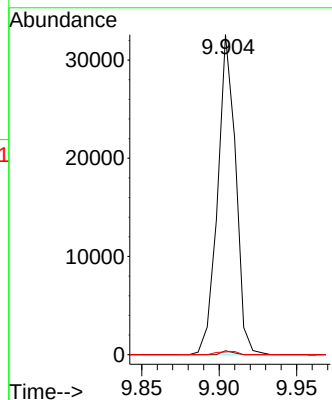
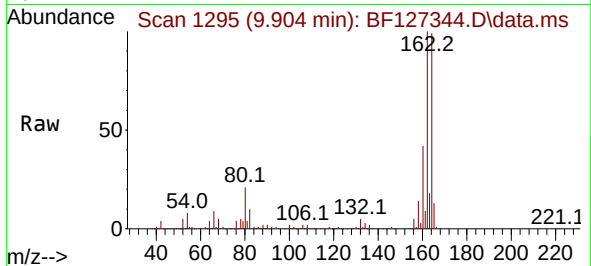




#51
2,6-Dinitrotoluene
Concen: 8.746 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

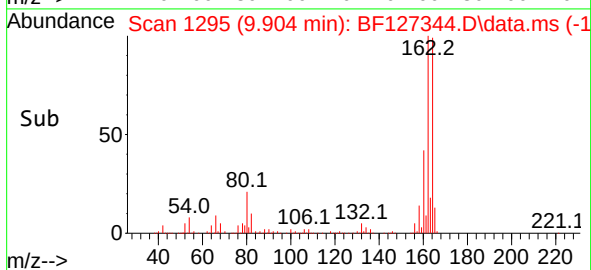
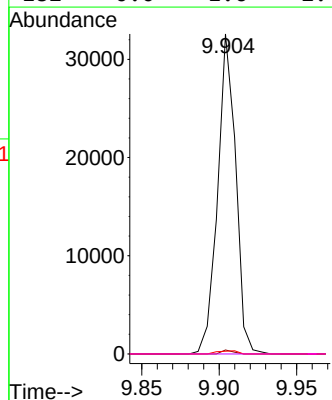
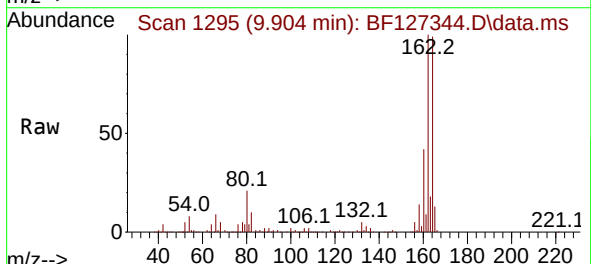
Instrument :
BNA_F
ClientSampleId :
TP-2

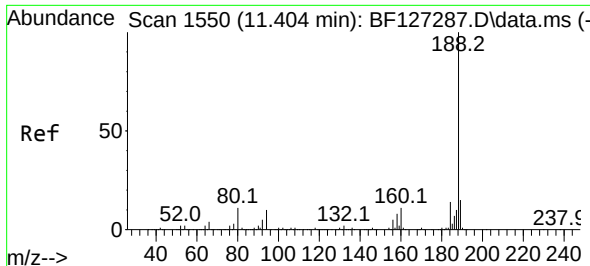
Tgt Ion:165 Resp: 26404
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 0.8 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.647 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

Tgt Ion:165 Resp: 26404
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 0.8 71.0 106.4#
182 0.0 1.6 2.4#

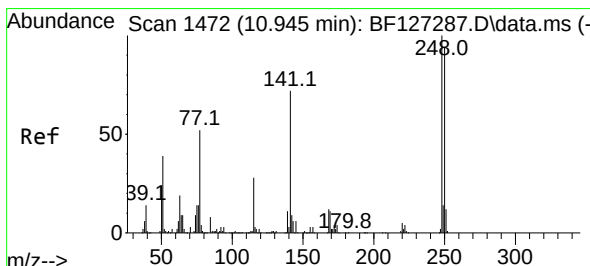
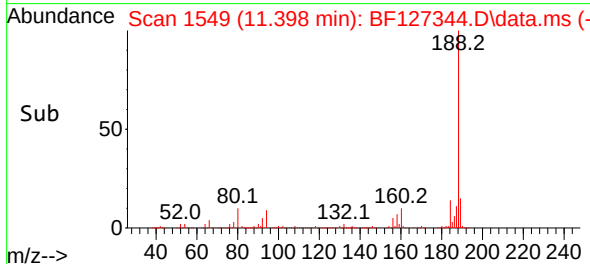
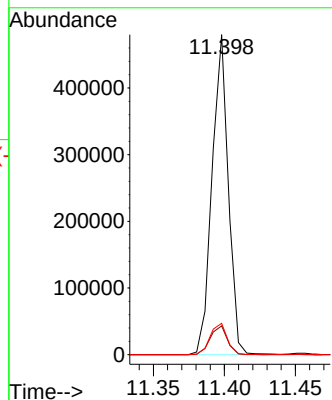
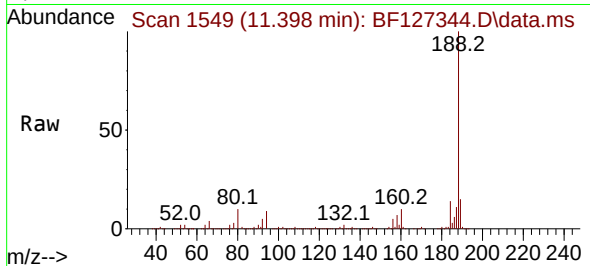




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

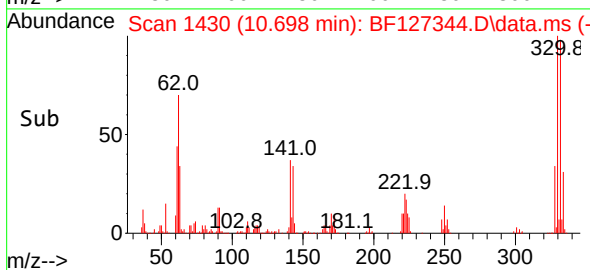
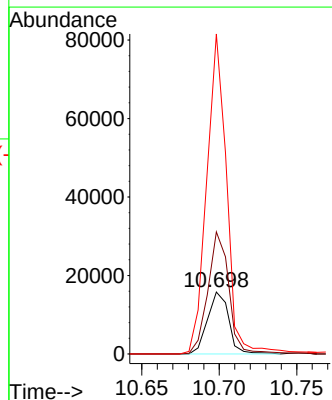
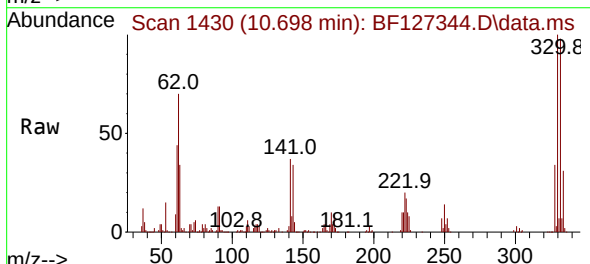
Instrument :
BNA_F
ClientSampleId :
TP-2

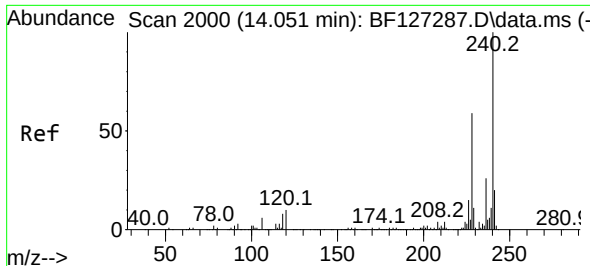
Tgt Ion:188 Resp: 382910
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1#
80 9.8 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.257 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

Tgt Ion:248 Resp: 15035
Ion Ratio Lower Upper
248 100
250 197.1 76.2 114.4#
141 516.5 66.2 99.4#

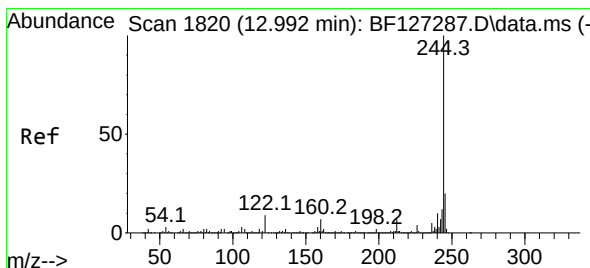
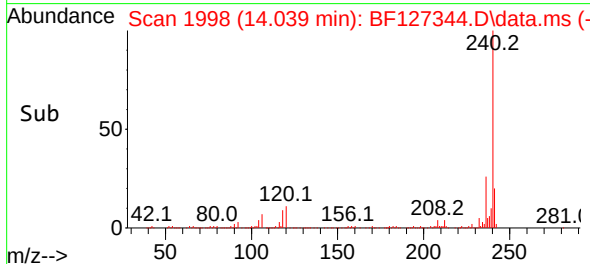
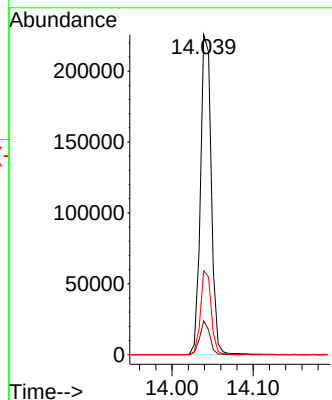
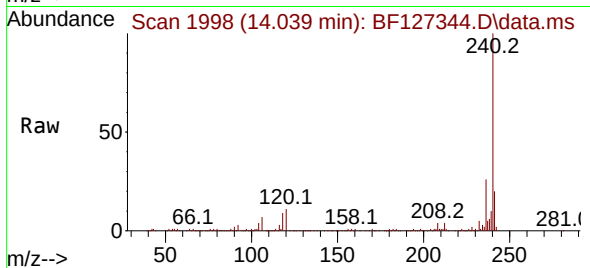




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

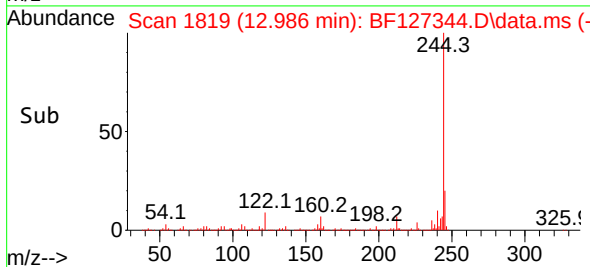
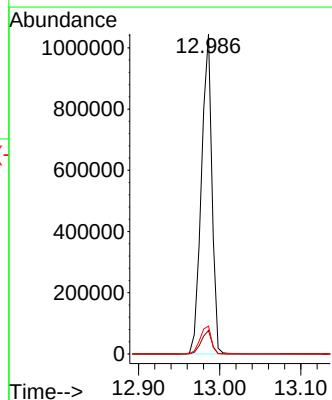
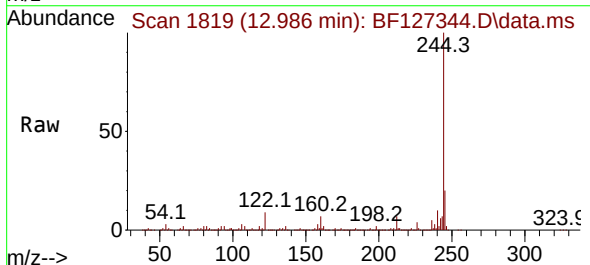
Instrument :
BNA_F
ClientSampleId :
TP-2

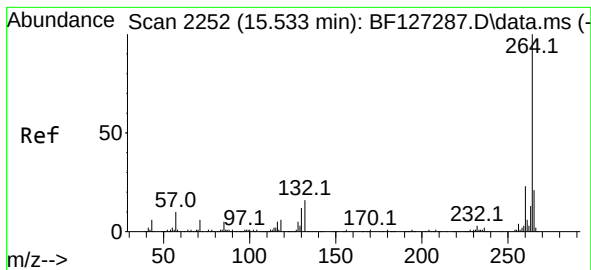
Tgt Ion:240 Resp: 209995
Ion Ratio Lower Upper
240 100
120 10.6 14.4 21.6#
236 26.3 20.5 30.7



#79
Terphenyl-d14
Concen: 77.340 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF127344.D
Acq: 16 Mar 2022 01:01

Tgt Ion:244 Resp: 943182
Ion Ratio Lower Upper
244 100
212 7.3 5.0 7.4
122 8.7 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: BF127344.D

Acq: 16 Mar 2022 01:01

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion:264 Resp: 202989

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.5 17.4 26.2

