

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127397.D
 Acq On : 18 Mar 2022 17:50
 Operator : CG\JU
 Sample : N1709-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B8-30.0-30.5

Quant Time: Mar 19 01:52:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

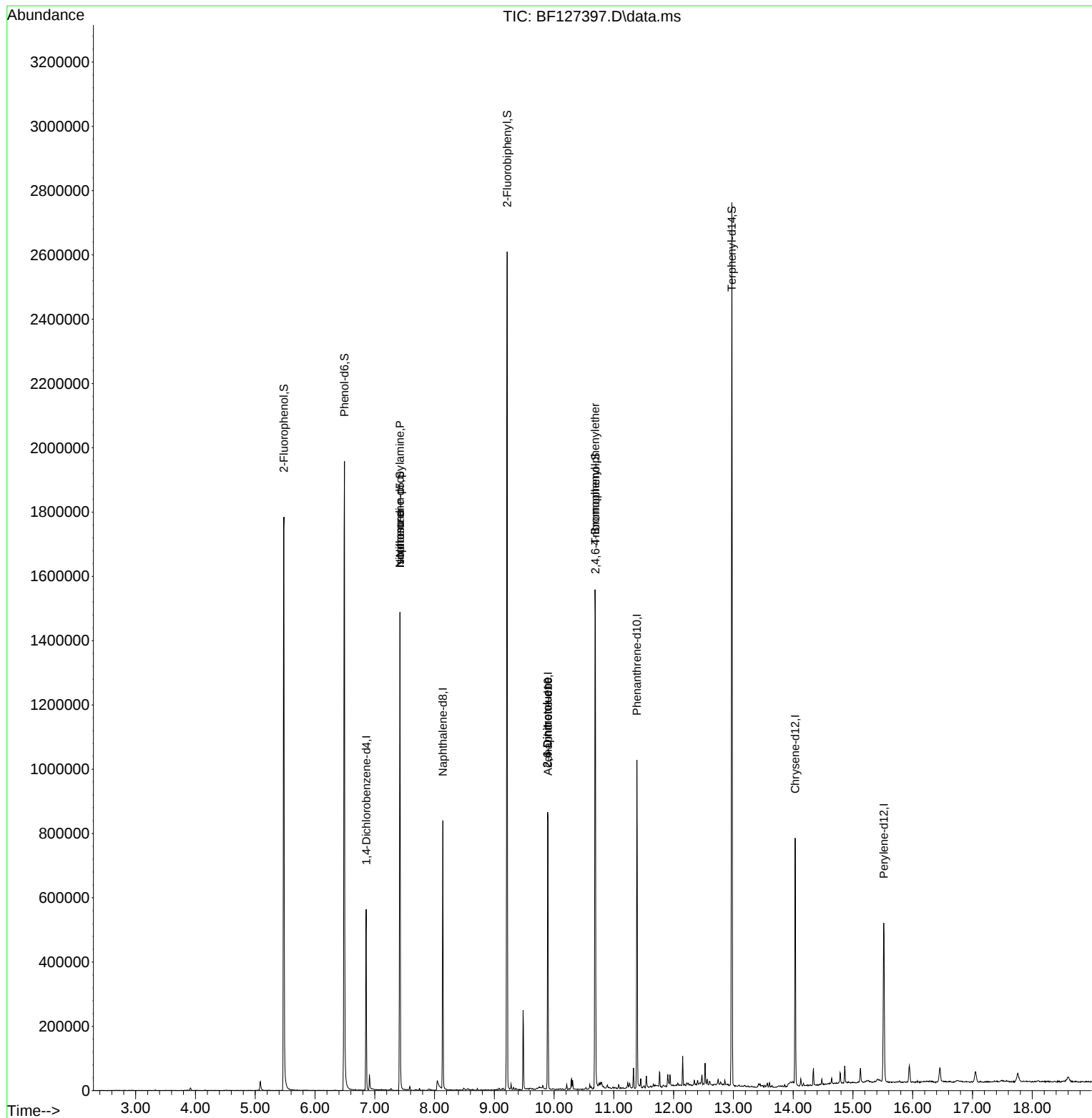
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	78946	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	294133	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	180725	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	344980	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	251925	20.000	ng	#-0.01
86) Perylene-d12	15.515	264	217500	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	452083	92.057	ng	0.00
7) Phenol-d6	6.492	99	624198	92.396	ng	0.00
23) Nitrobenzene-d5	7.422	82	423521	59.465	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	187093	96.167	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	751595	58.796	ng	0.00
79) Terphenyl-d14	12.974	244	955558	65.314	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	1063	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	57875	13.728	ng	# 87
25) Isophorone	7.422	82	423515	36.981	ng	# 69
51) 2,6-Dinitrotoluene	9.892	165	22887	8.737	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	22887	6.640	ng	# 15
67) 4-Bromophenyl-phenylether	10.686	248	12218	2.938	ng	# 1

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

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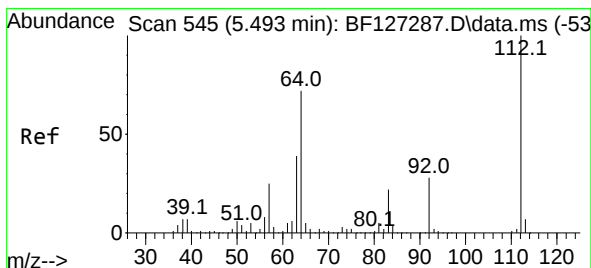
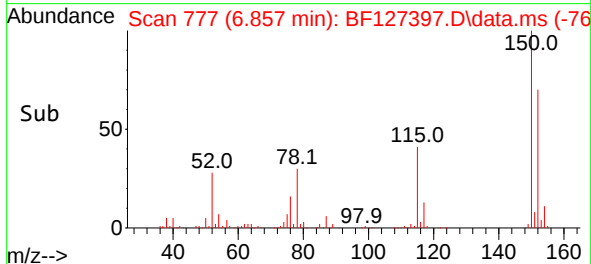
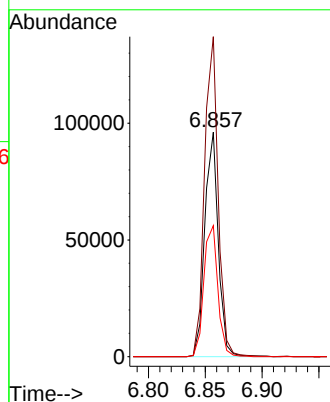
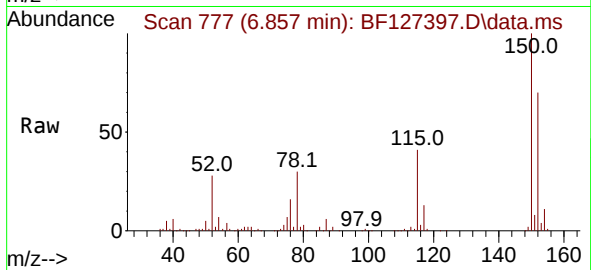




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127397.D
 Acq: 18 Mar 2022 17:50

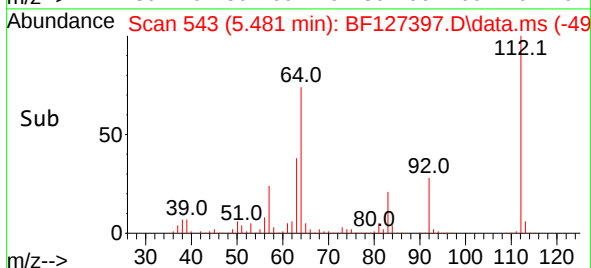
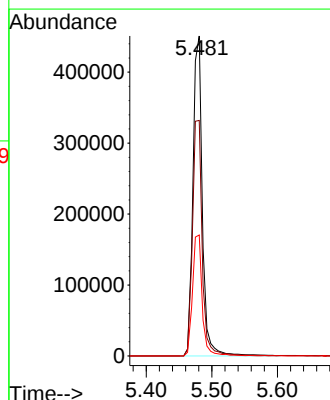
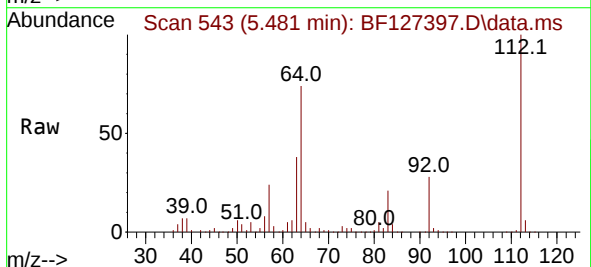
Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B8-30.0-30.5

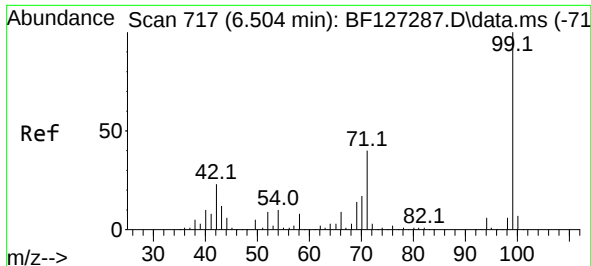
Tgt Ion:152 Resp: 78946
 Ion Ratio Lower Upper
 152 100
 150 142.5 128.1 192.1
 115 58.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 92.057 ng
 RT: 5.481 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: BF127397.D
 Acq: 18 Mar 2022 17:50

Tgt Ion:112 Resp: 452083
 Ion Ratio Lower Upper
 112 100
 64 73.6 49.5 74.3
 63 37.8 23.9 35.9#

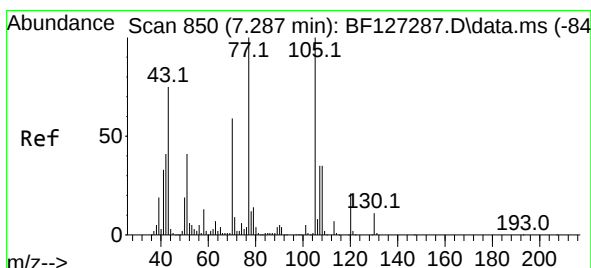
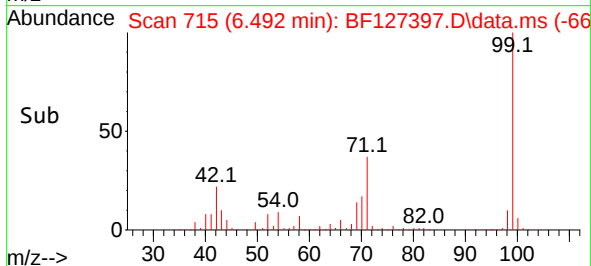
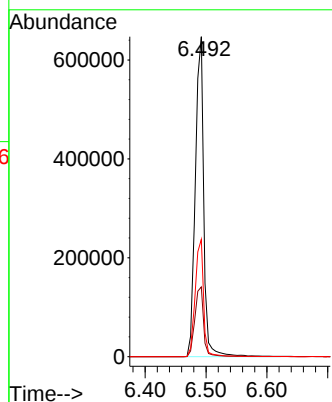
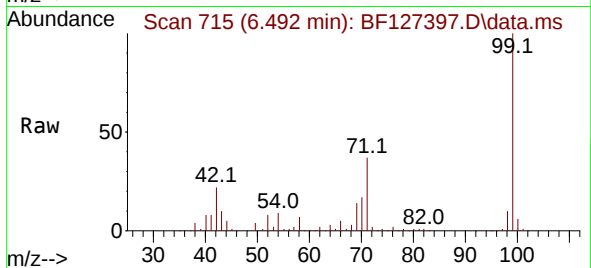




#7
Phenol-d6
Concen: 92.396 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127397.D
Acq: 18 Mar 2022 17:50

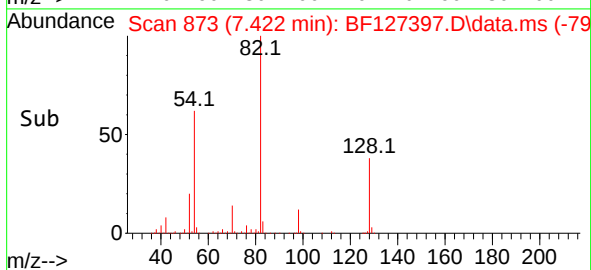
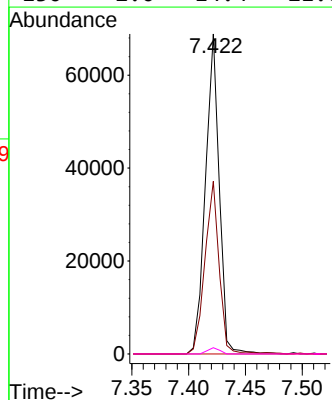
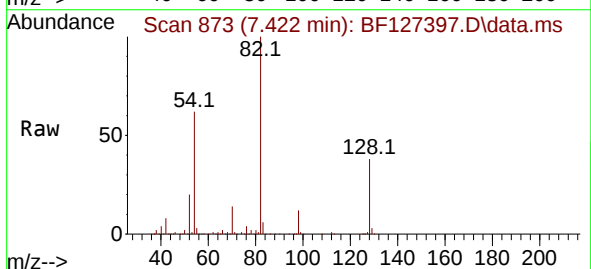
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-30.0-30.5

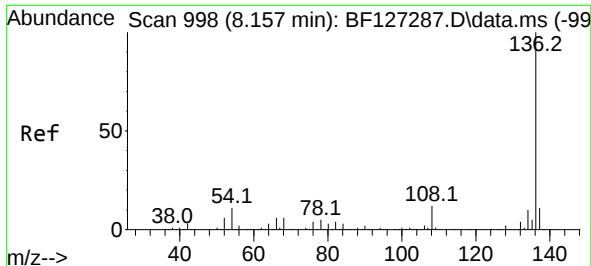
Tgt Ion: 99 Resp: 624198
Ion Ratio Lower Upper
99 100
42 21.8 14.2 21.4#
71 36.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.728 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF127397.D
Acq: 18 Mar 2022 17:50

Tgt Ion: 70 Resp: 57875
Ion Ratio Lower Upper
70 100
42 53.9 45.8 68.8
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#

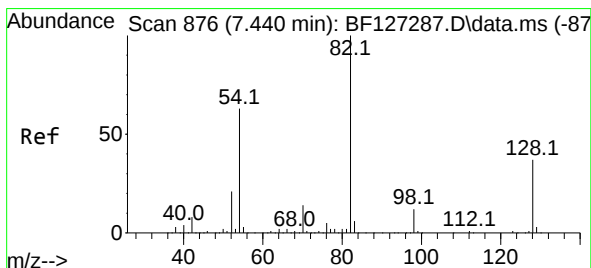
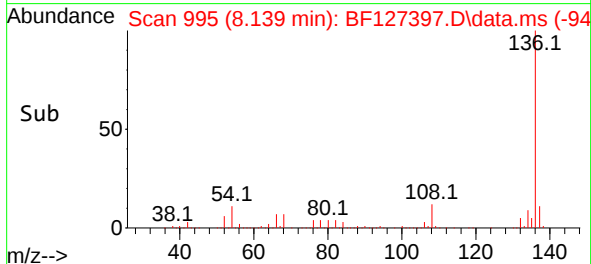
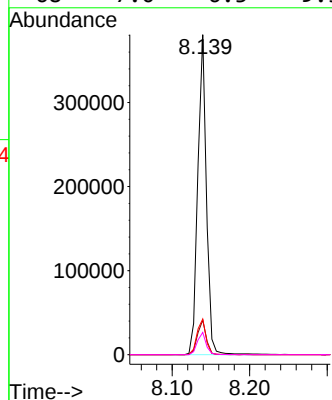
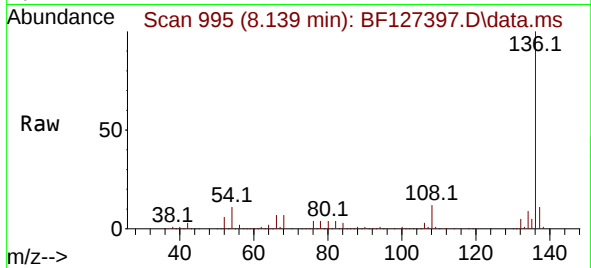




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127397.D
Acq: 18 Mar 2022 17:50

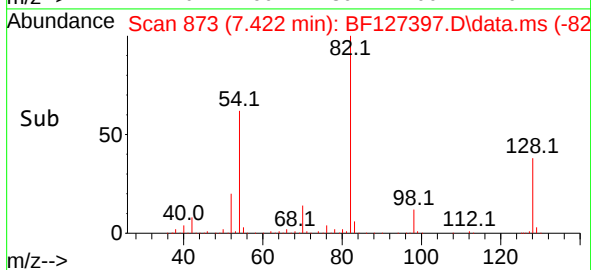
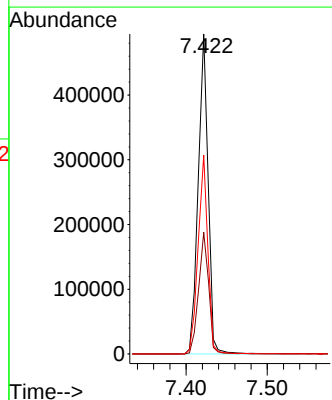
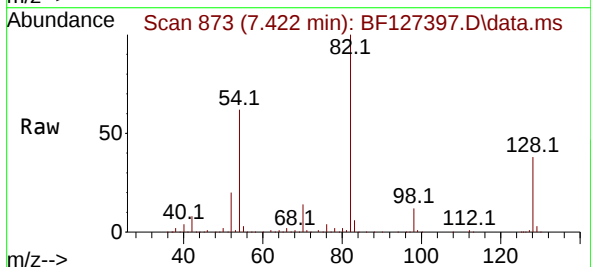
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-30.0-30.5

Tgt Ion:136	Resp: 294133
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 11.1	7.8 11.6
68 7.0	6.3 9.5



#23
Nitrobenzene-d5
Concen: 59.465 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF127397.D
Acq: 18 Mar 2022 17:50

Tgt Ion: 82	Resp: 423521
Ion Ratio	Lower Upper
82 100	
128 38.1	32.7 49.1
54 62.1	41.7 62.5

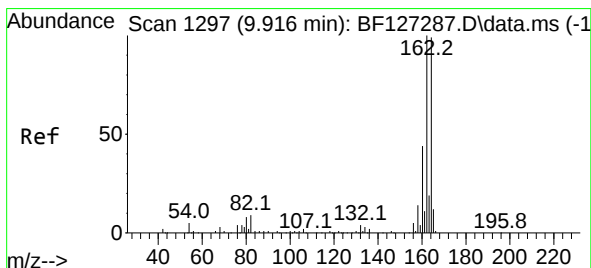
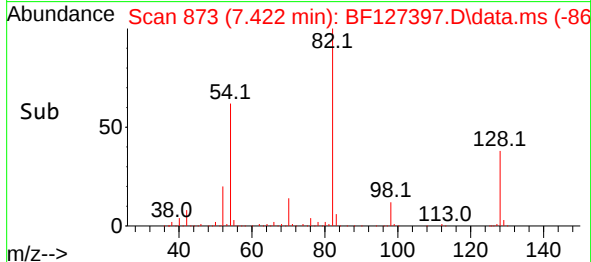
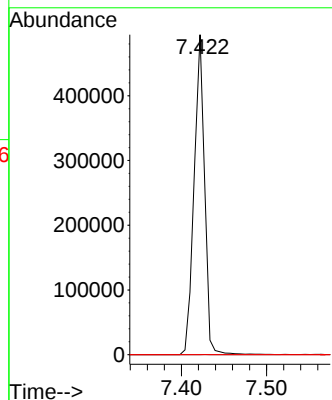
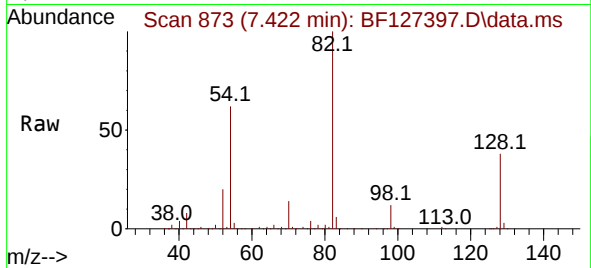




#25
Isophorone
Concen: 36.981 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127397.D
Acq: 18 Mar 2022 17:50

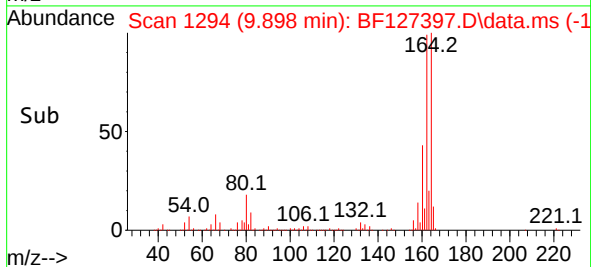
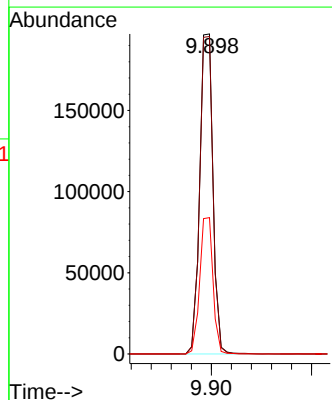
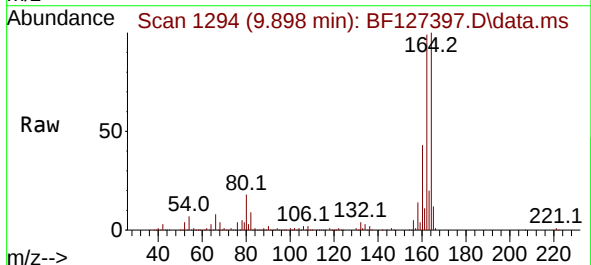
Instrument :
BNA_F
ClientSampleId :
PPSP-B8-30.0-30.5

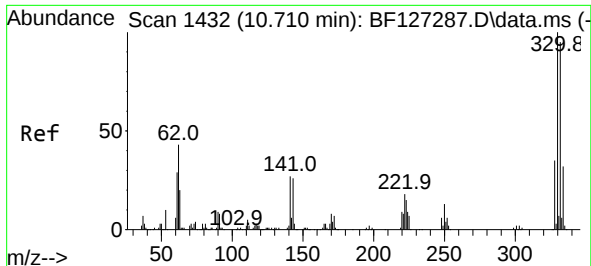
Tgt Ion: 82 Resp: 423515
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF127397.D
Acq: 18 Mar 2022 17:50

Tgt Ion: 164 Resp: 180725
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 42.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 96.167 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF127397.D

Acq: 18 Mar 2022 17:50

Instrument :

BNA_F

ClientSampleId :

PPSP-B8-30.0-30.5

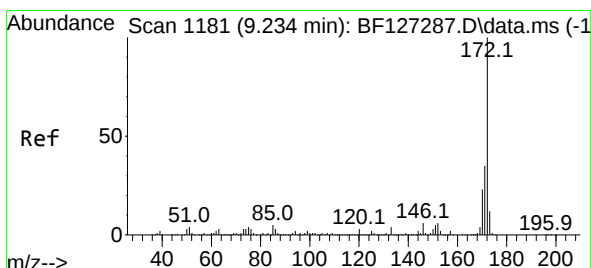
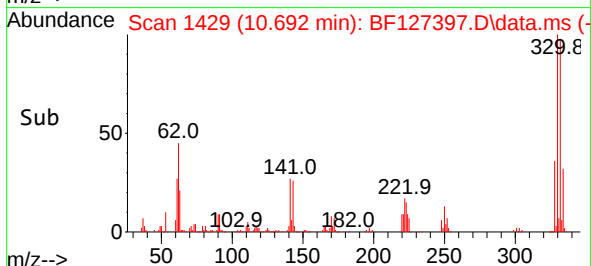
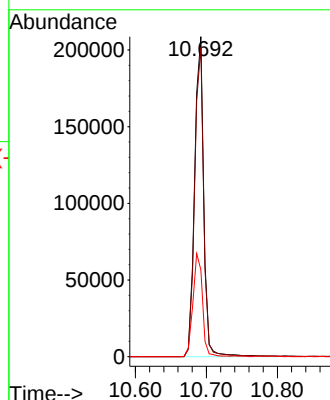
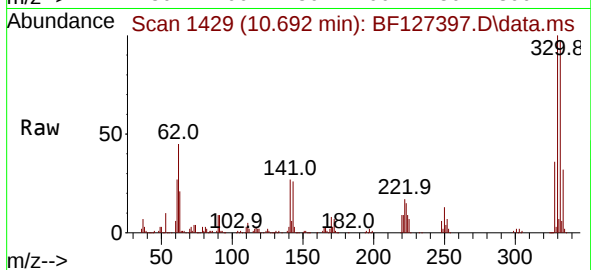
Tgt Ion:330 Resp: 187093

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 33.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 58.796 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF127397.D

Acq: 18 Mar 2022 17:50

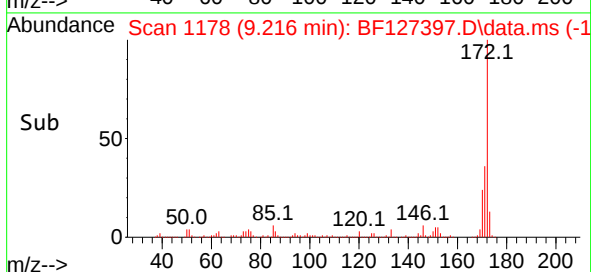
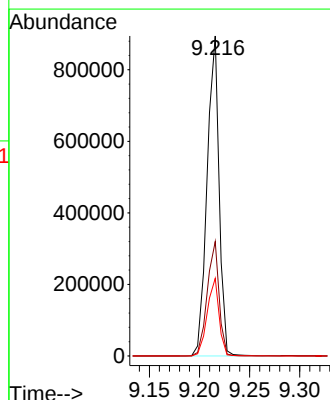
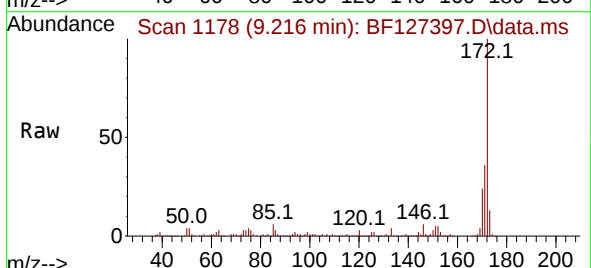
Tgt Ion:172 Resp: 751595

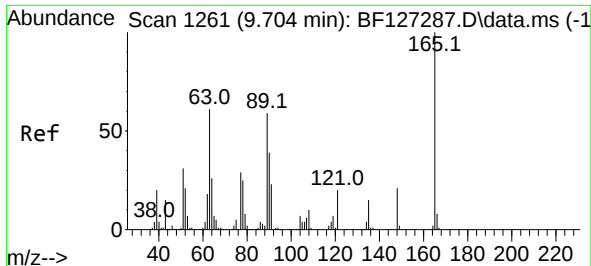
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 24.2 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.737 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF127397.D

Acq: 18 Mar 2022 17:50

Instrument :

BNA_F

ClientSampleId :

PPSP-B8-30.0-30.5

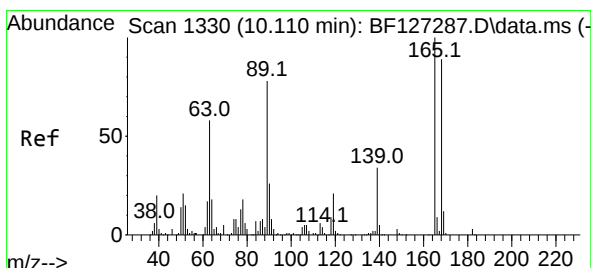
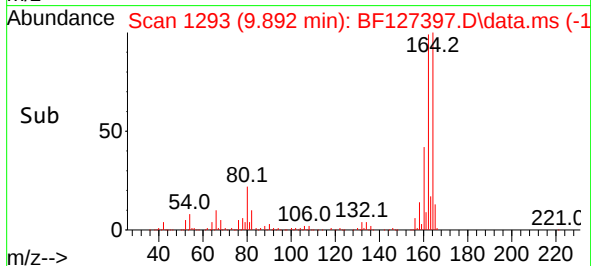
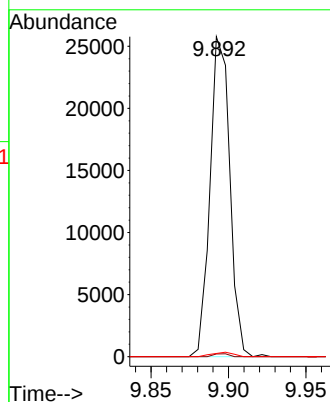
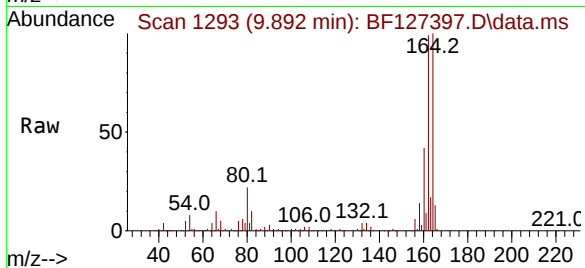
Tgt Ion:165 Resp: 22887

Ion Ratio Lower Upper

165 100

63 0.8 48.4 72.6#

89 1.0 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.640 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF127397.D

Acq: 18 Mar 2022 17:50

Tgt Ion:165 Resp: 22887

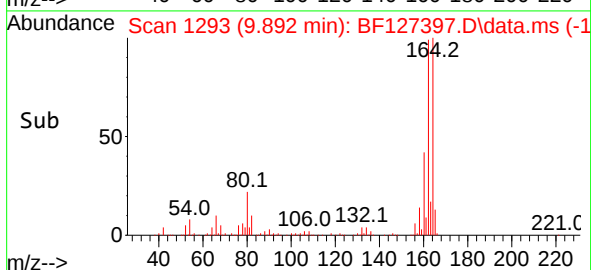
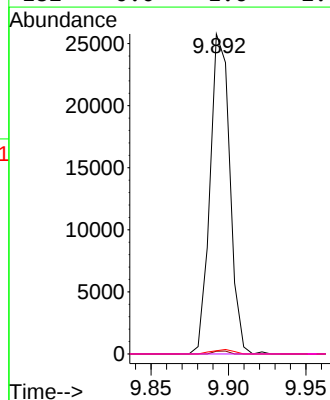
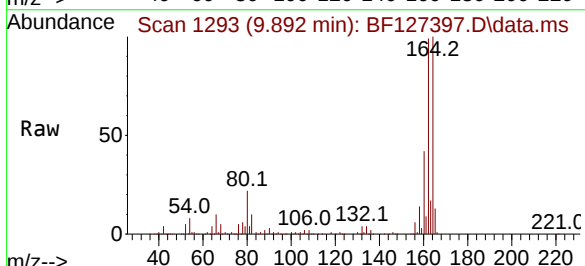
Ion Ratio Lower Upper

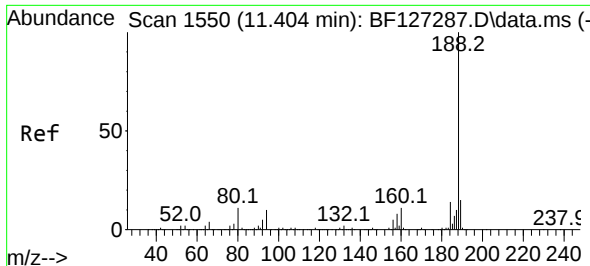
165 100

63 0.8 43.0 64.6#

89 1.0 71.0 106.4#

182 0.0 1.6 2.4#

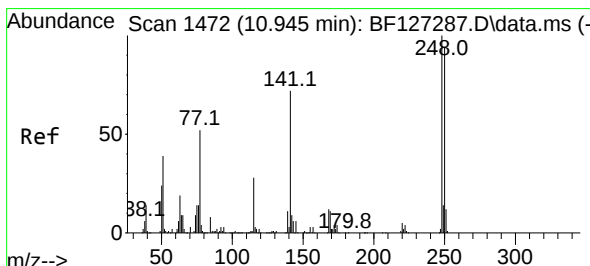
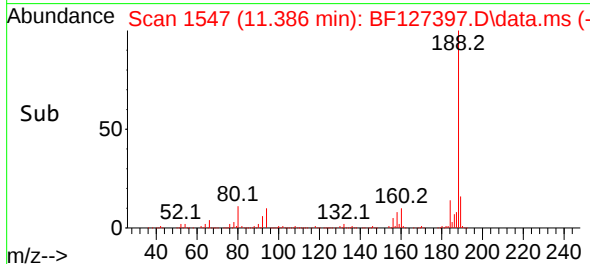
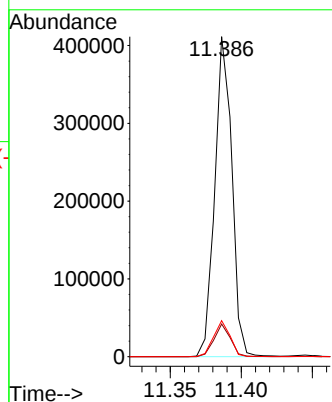
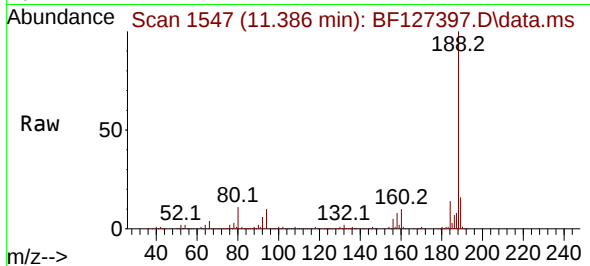




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127397.D
Acq: 18 Mar 2022 17:50

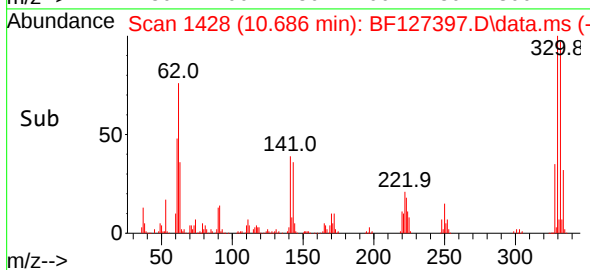
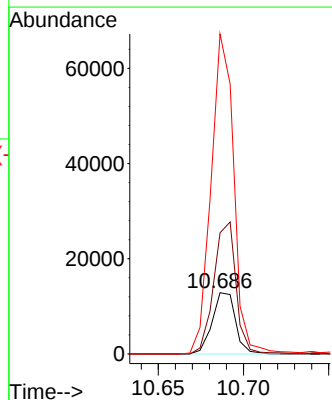
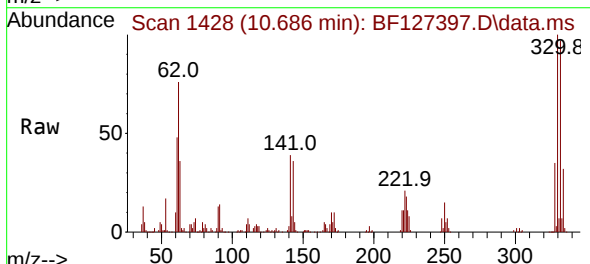
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PPSP-B8-30.0-30.5

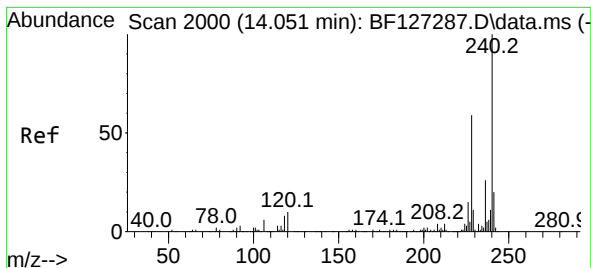
Tgt Ion:188 Resp: 344980
Ion Ratio Lower Upper
188 100
94 10.2 10.1 15.1
80 11.3 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 2.938 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.247 min
Lab File: BF127397.D
Acq: 18 Mar 2022 17:50

Tgt Ion:248 Resp: 12218
Ion Ratio Lower Upper
248 100
250 197.5 76.2 114.4#
141 522.0 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 1997

Delta R.T. -0.012 min

Lab File: BF127397.D

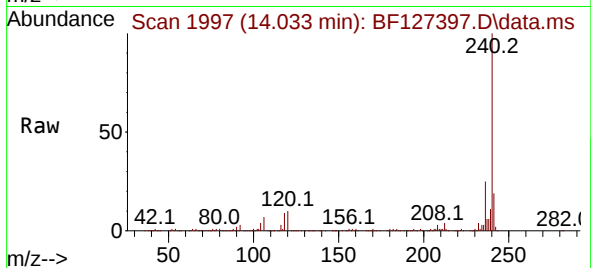
Acq: 18 Mar 2022 17:50

Instrument :

BNA_F

ClientSampleId :

PPSP-B8-30.0-30.5



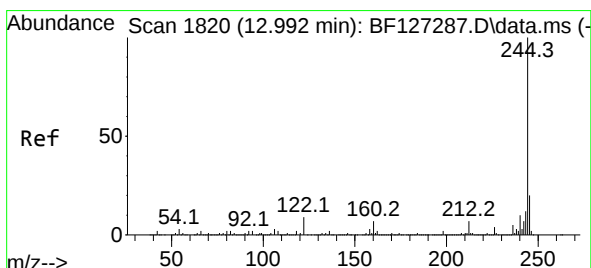
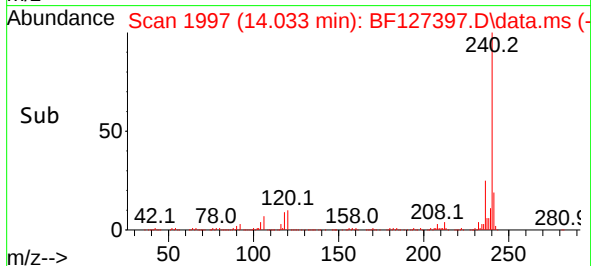
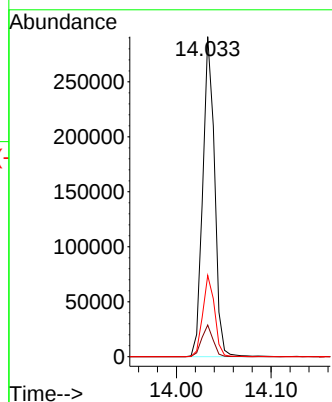
Tgt Ion:240 Resp: 251925

Ion Ratio Lower Upper

240 100

120 9.9 14.4 21.6#

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 65.314 ng

RT: 12.974 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF127397.D

Acq: 18 Mar 2022 17:50

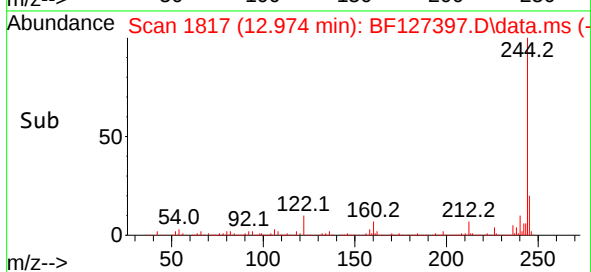
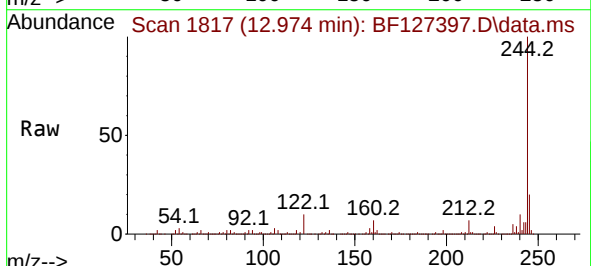
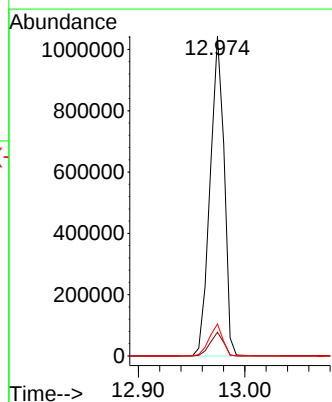
Tgt Ion:244 Resp: 955558

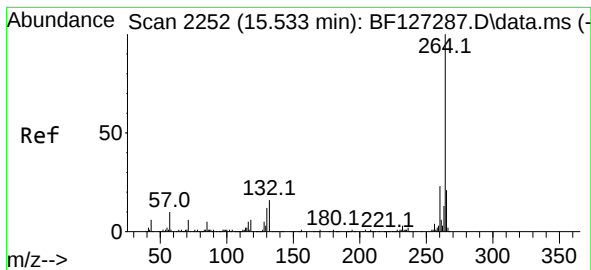
Ion Ratio Lower Upper

244 100

212 7.4 5.0 7.4

122 10.0 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127397.D

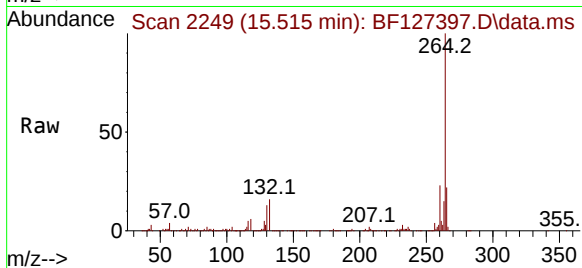
Acq: 18 Mar 2022 17:50

Instrument :

BNA_F

ClientSampleId :

PPSP-B8-30.0-30.5



Tgt Ion:264 Resp: 217500

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.6 17.4 26.2

