

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129466.D
 Acq On : 01 Aug 2022 11:11
 Operator : CG\JU
 Sample : PB146583BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146583BL

Quant Time: Aug 02 01:14:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

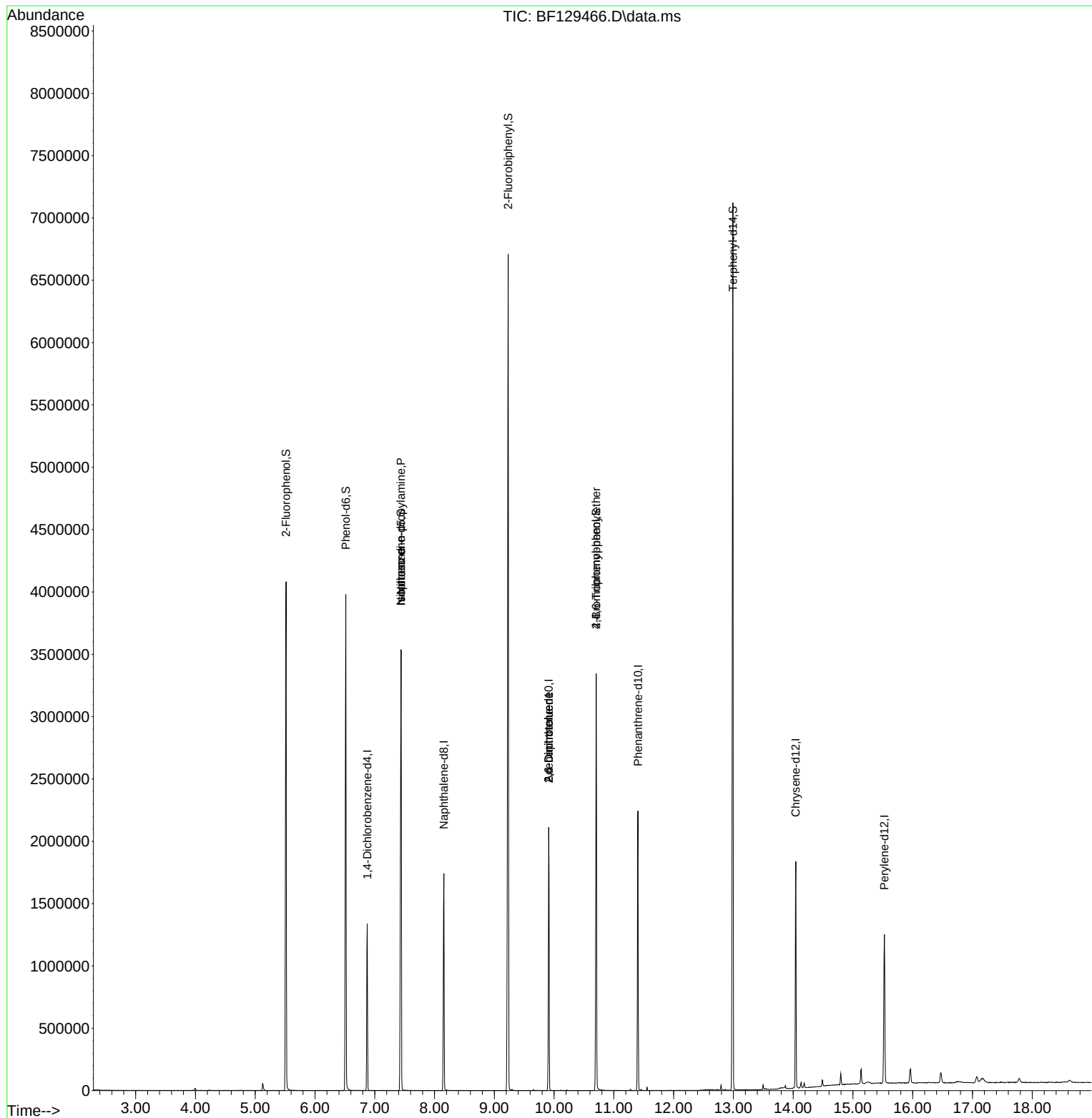
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	193036	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	817641	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	447195	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	776532	20.000	ng	0.00
76) Chrysene-d12	14.045	240	597403	20.000	ng	0.00
86) Perylene-d12	15.527	264	493047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1071885	90.455	ng	0.01
7) Phenol-d6	6.516	99	1326783	89.077	ng	0.00
23) Nitrobenzene-d5	7.439	82	1264444	84.419	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	378911	88.130	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2261231	78.221	ng	0.00
79) Terphenyl-d14	12.992	244	2599112	82.079	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	169791	18.830	ng	# 72
25) Isophorone	7.439	82	1264427	47.095	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	57757	8.359	ng	# 25
57) 2,4-Dinitrotoluene	9.910	165	57757	6.399	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	24345	2.863	ng	# 1

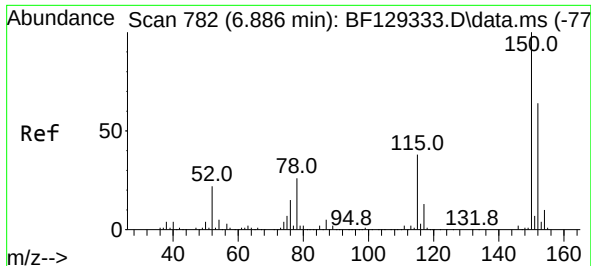
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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ClientSampleId :
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Quant Time: Aug 02 01:14:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

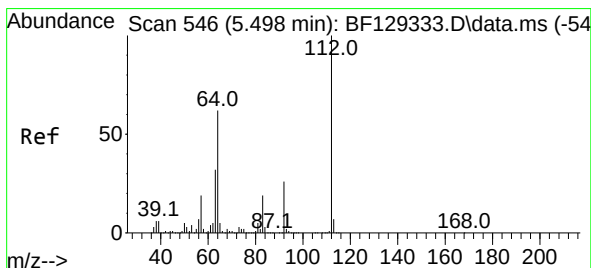
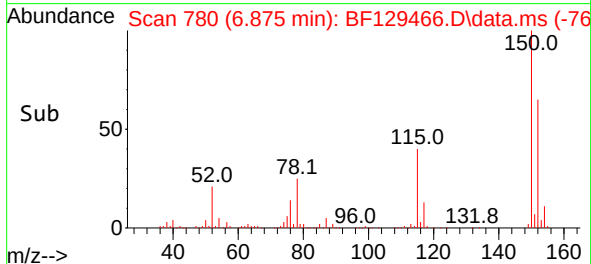
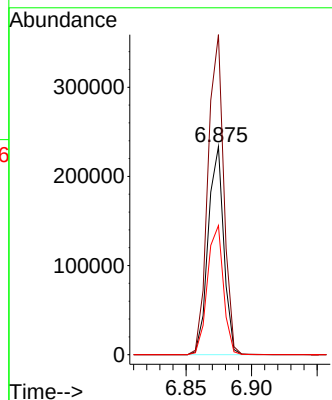
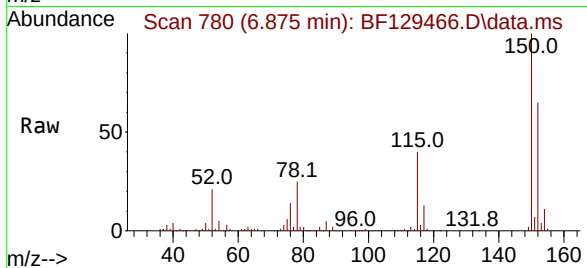




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129466.D
 Acq: 01 Aug 2022 11:11

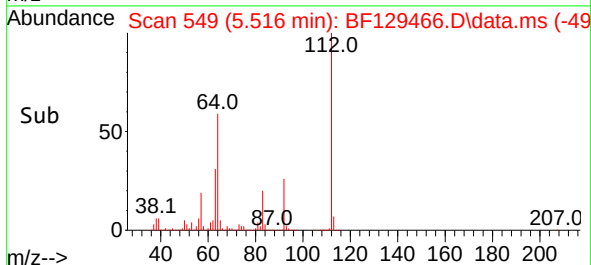
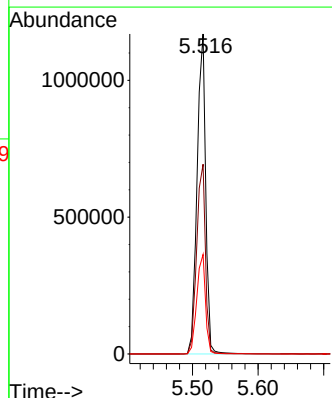
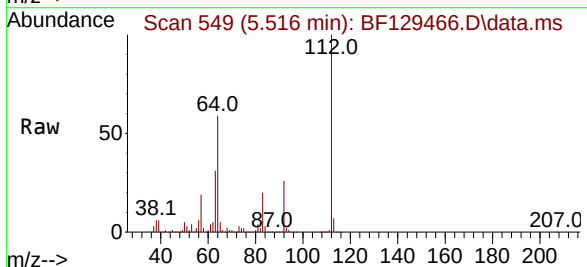
Instrument :
 BNA_F
 ClientSampleId :
 PB146583BL

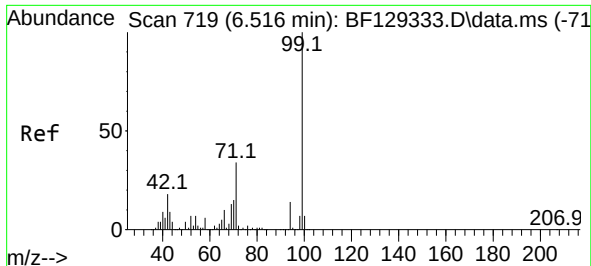
Tgt Ion:152 Resp: 193036
 Ion Ratio Lower Upper
 152 100
 150 153.7 123.7 185.5
 115 62.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 90.455 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.012 min
 Lab File: BF129466.D
 Acq: 01 Aug 2022 11:11

Tgt Ion:112 Resp: 1071885
 Ion Ratio Lower Upper
 112 100
 64 59.3 53.3 79.9
 63 31.1 28.0 42.0

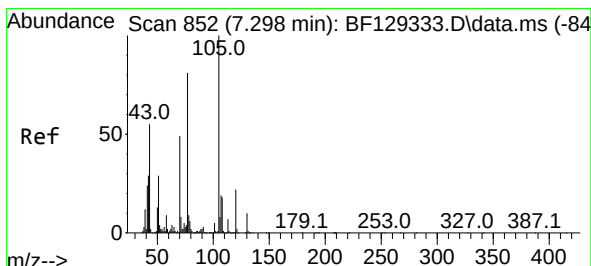
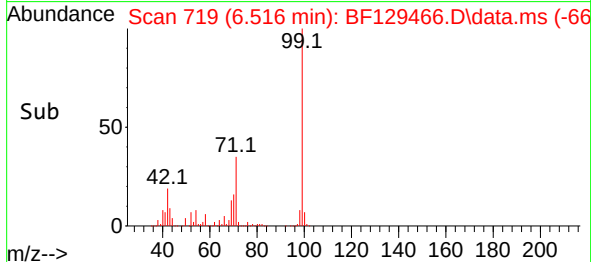
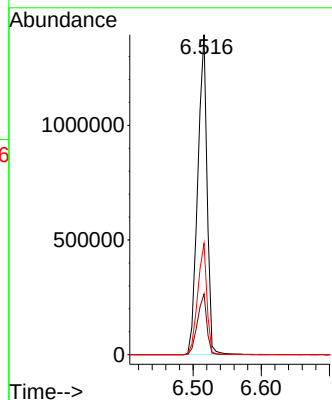
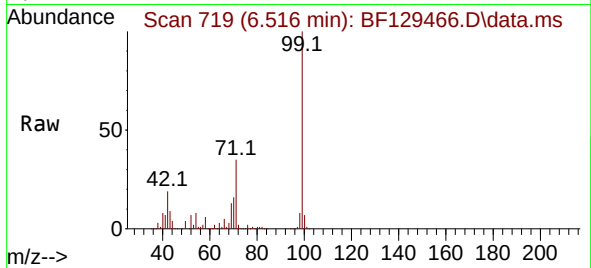




#7
Phenol-d6
Concen: 89.077 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129466.D
Acq: 01 Aug 2022 11:11

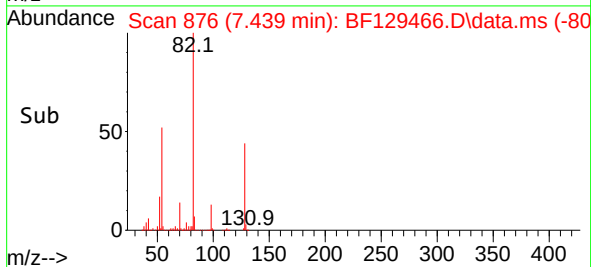
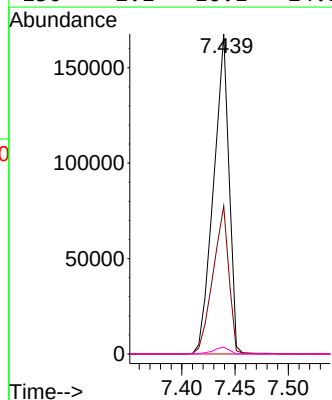
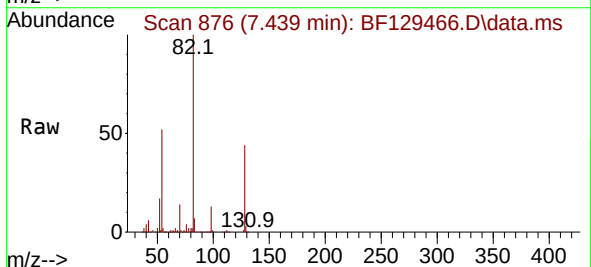
Instrument :
BNA_F
ClientSampleId :
PB146583BL

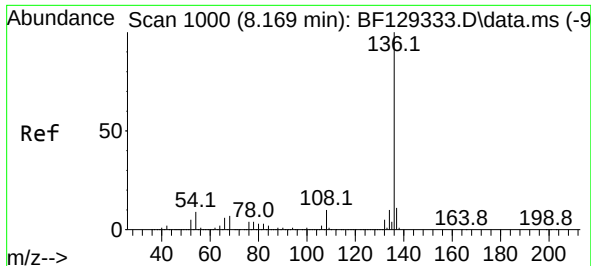
Tgt Ion: 99 Resp: 1326783
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 34.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.830 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129466.D
Acq: 01 Aug 2022 11:11

Tgt Ion: 70 Resp: 169791
Ion Ratio Lower Upper
70 100
42 46.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

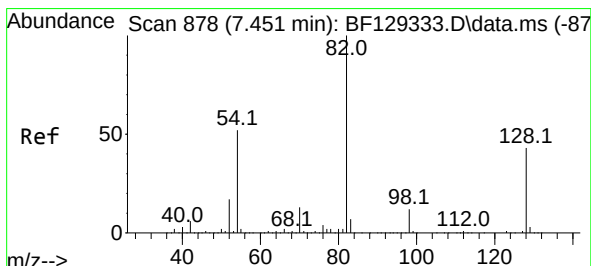
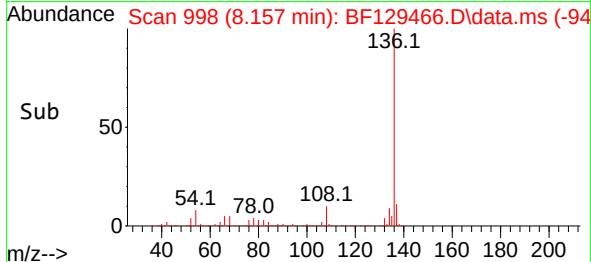
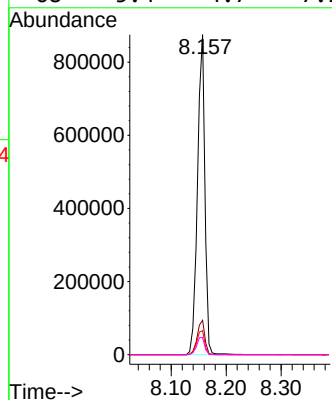
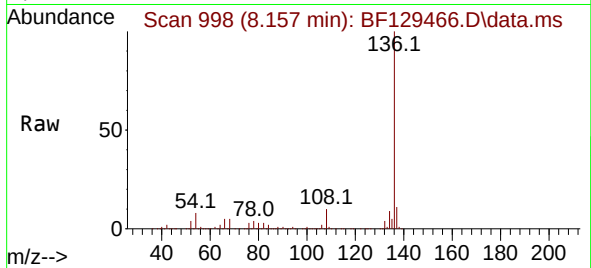




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129466.D
Acq: 01 Aug 2022 11:11

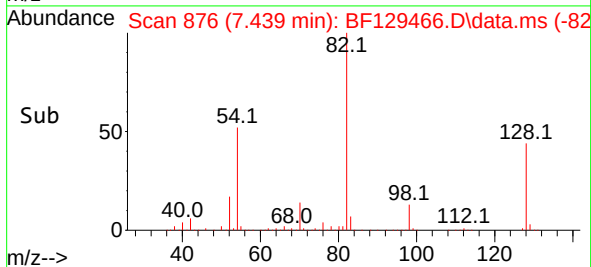
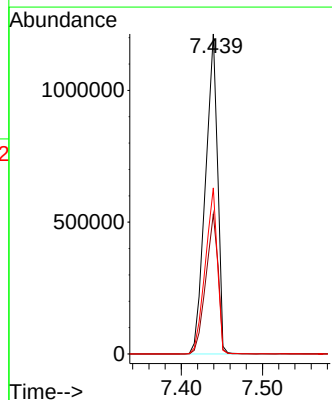
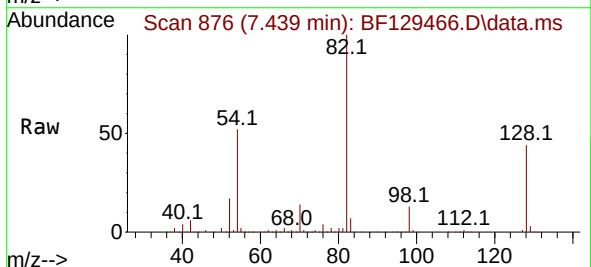
Instrument :
BNA_F
ClientSampleId :
PB146583BL

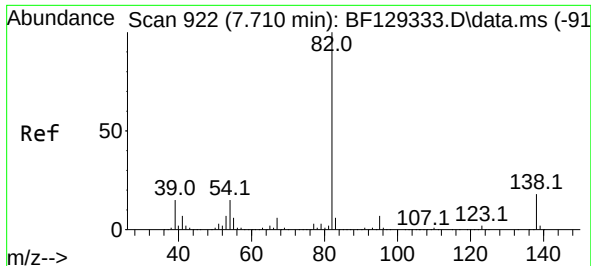
Tgt Ion:136 Resp: 817641
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.5 7.5 11.3#
68 5.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 84.419 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129466.D
Acq: 01 Aug 2022 11:11

Tgt Ion: 82 Resp: 1264444
Ion Ratio Lower Upper
82 100
128 43.8 34.0 51.0
54 51.9 46.9 70.3

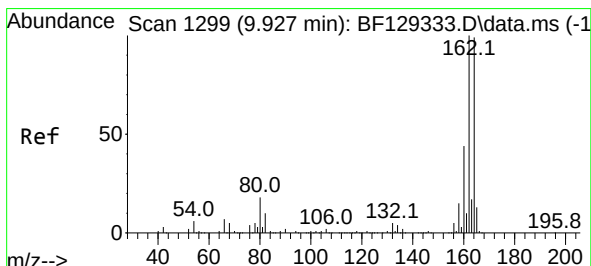
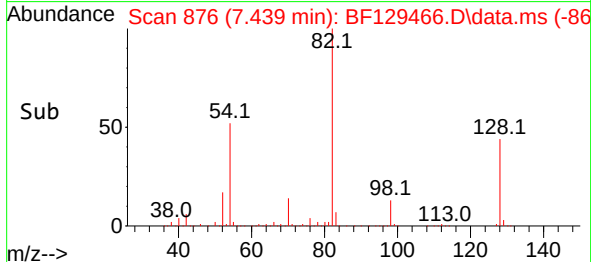
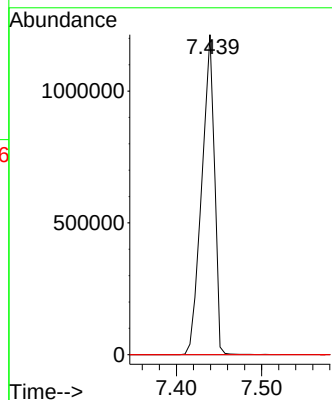
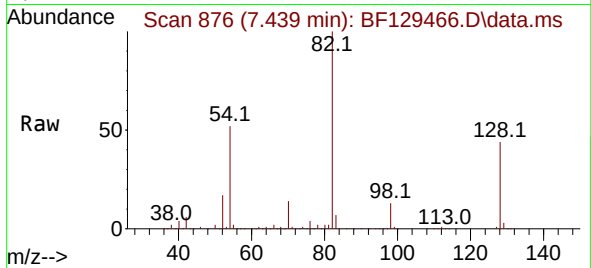




#25
Isophorone
Concen: 47.095 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129466.D
Acq: 01 Aug 2022 11:11

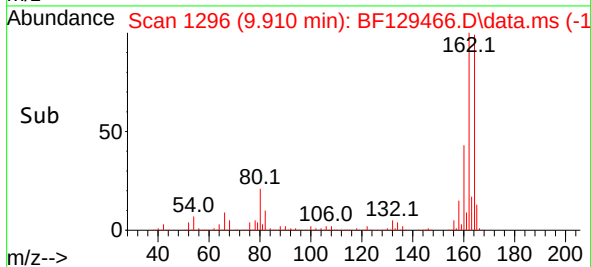
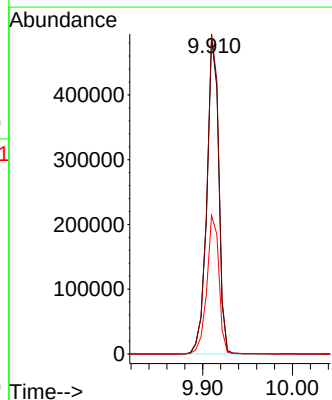
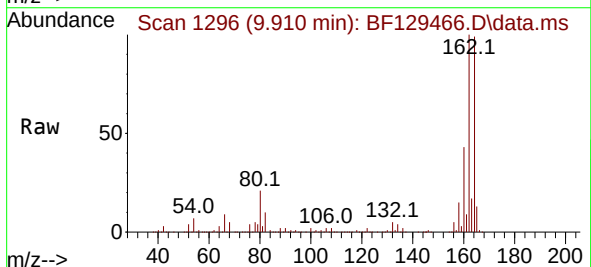
Instrument :
BNA_F
ClientSampleId :
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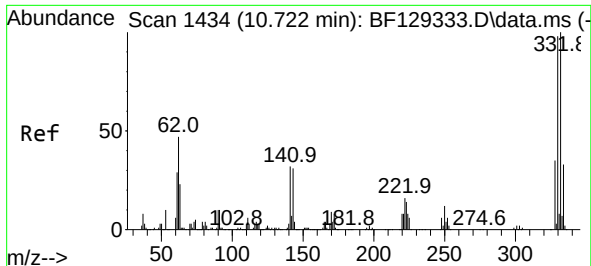
Tgt Ion: 82 Resp: 1264427
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129466.D
Acq: 01 Aug 2022 11:11

Tgt Ion:164 Resp: 447195
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 88.130 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF129466.D

Acq: 01 Aug 2022 11:11

Instrument :

BNA_F

ClientSampleId :

PB146583BL

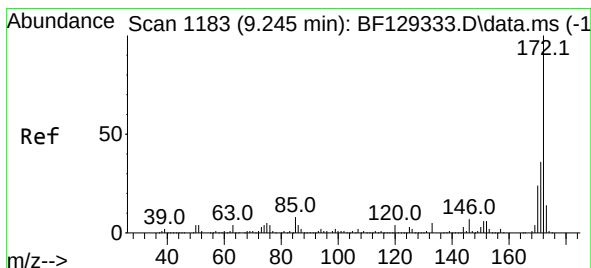
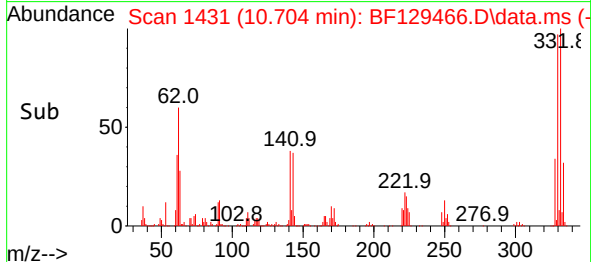
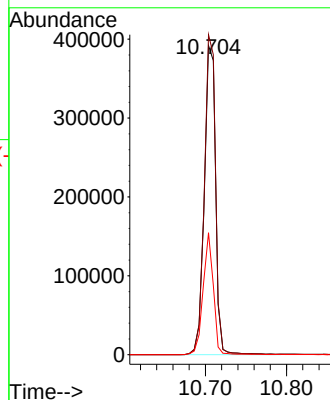
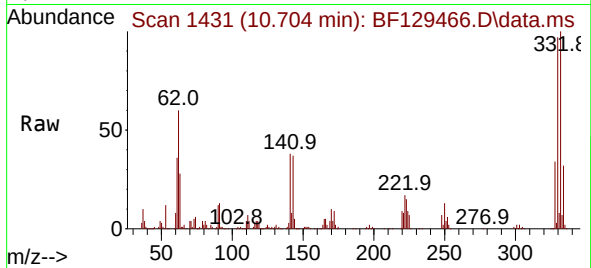
Tgt Ion:330 Resp: 378911

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 35.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.221 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129466.D

Acq: 01 Aug 2022 11:11

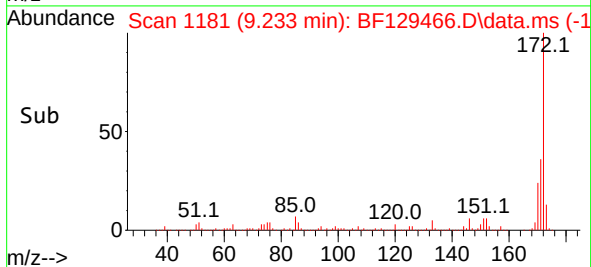
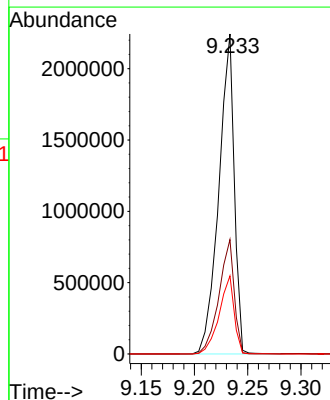
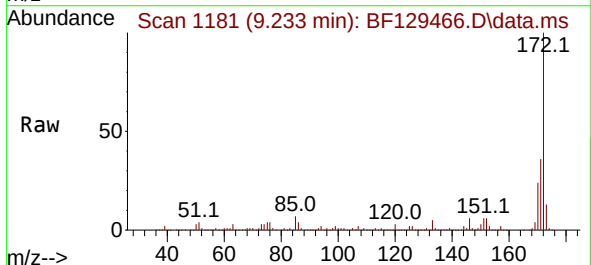
Tgt Ion:172 Resp: 2261231

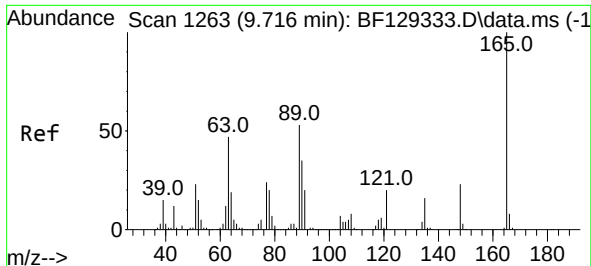
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.4 19.8 29.8

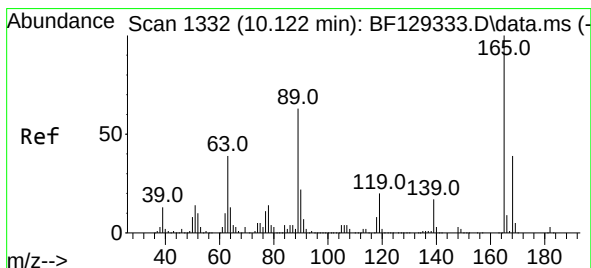
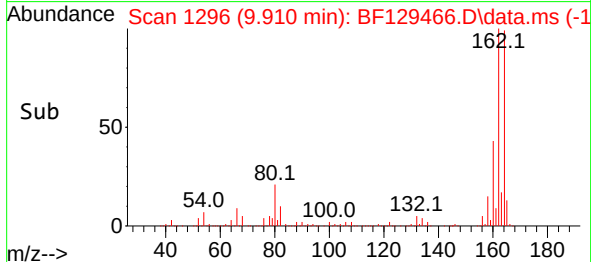
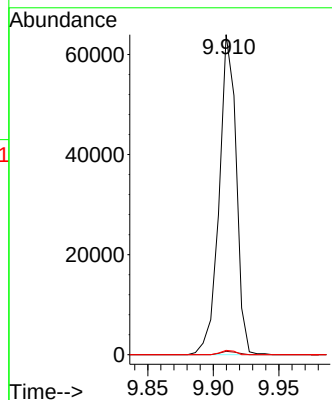
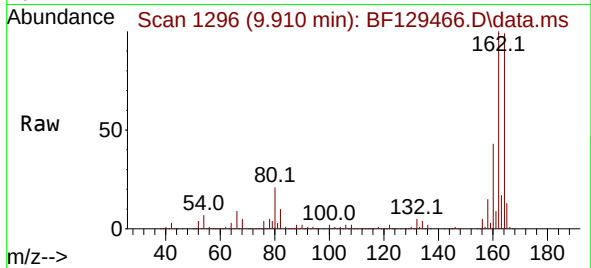




#51
2,6-Dinitrotoluene
Concen: 8.359 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF129466.D
Acq: 01 Aug 2022 11:11

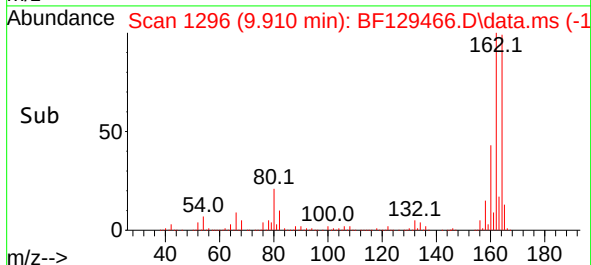
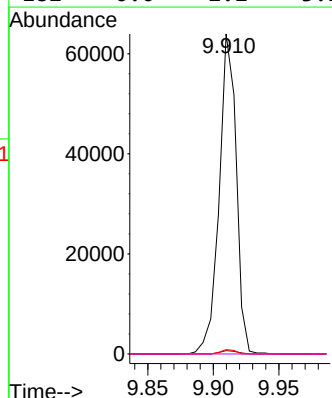
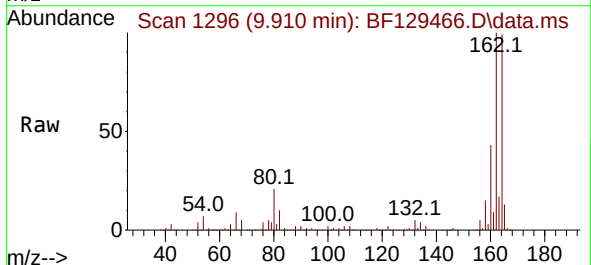
Instrument :
BNA_F
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PB146583BL

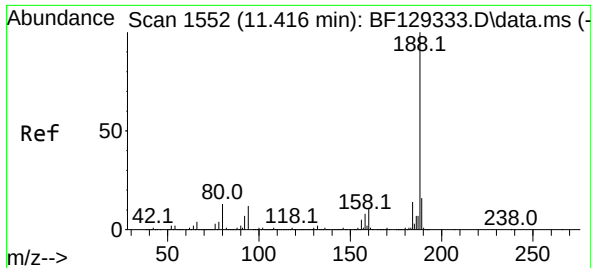
Tgt Ion:165 Resp: 57757
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.399 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF129466.D
Acq: 01 Aug 2022 11:11

Tgt Ion:165 Resp: 57757
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

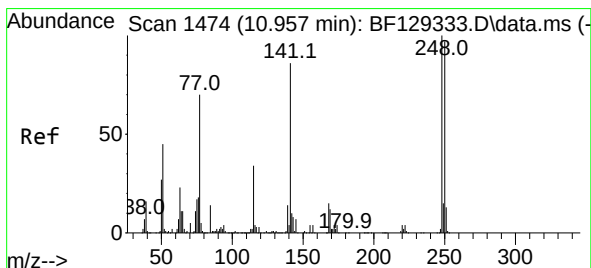
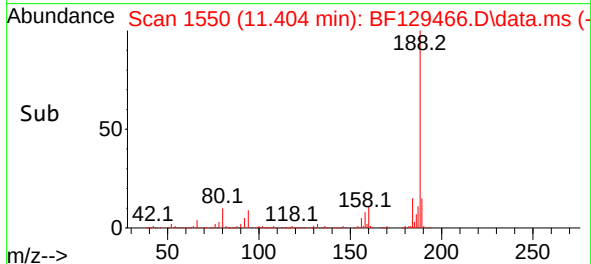
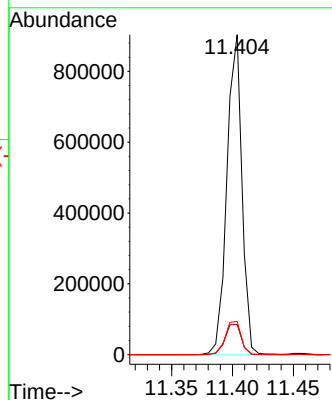
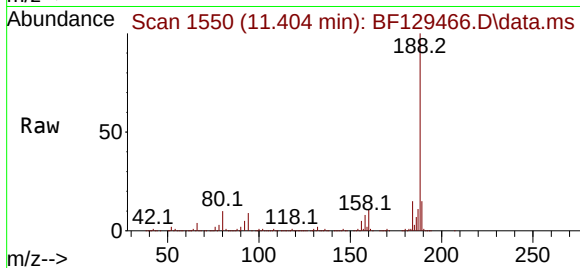




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129466.D
Acq: 01 Aug 2022 11:11

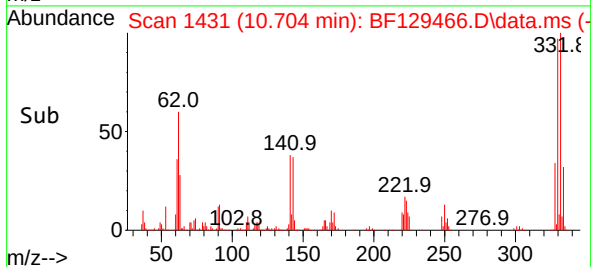
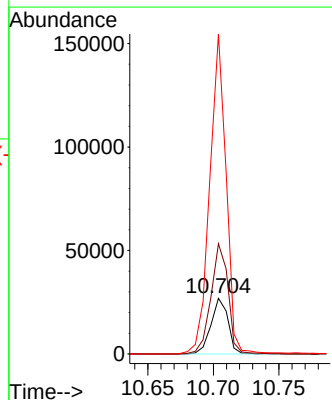
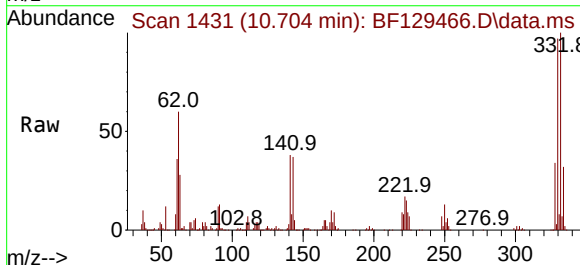
Instrument :
BNA_F
ClientSampleId :
PB146583BL

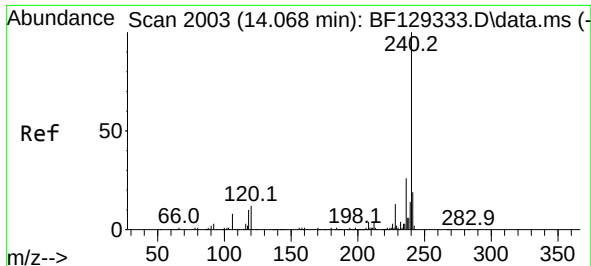
Tgt Ion:188 Resp: 776532
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.4 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.863 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF129466.D
Acq: 01 Aug 2022 11:11

Tgt Ion:248 Resp: 24345
Ion Ratio Lower Upper
248 100
250 197.8 80.6 120.8#
141 574.4 58.9 88.3#

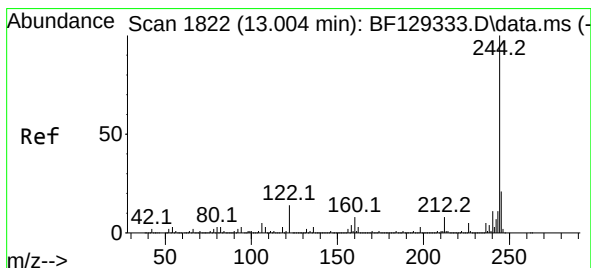
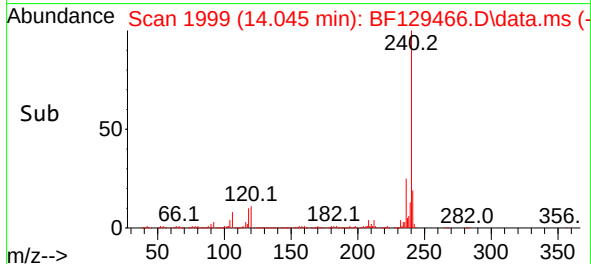
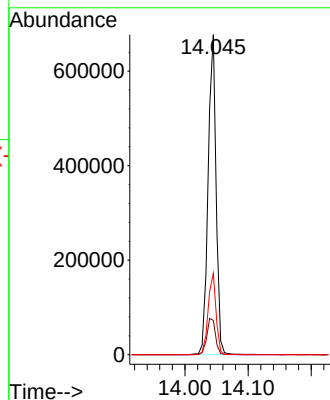
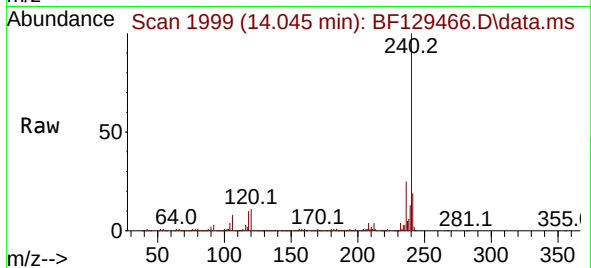




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129466.D
Acq: 01 Aug 2022 11:11

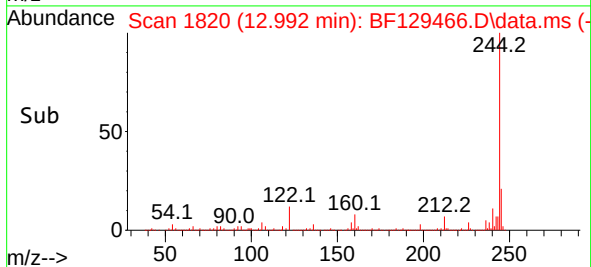
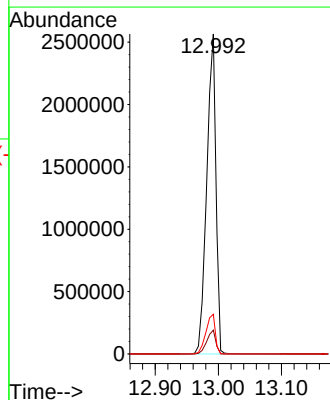
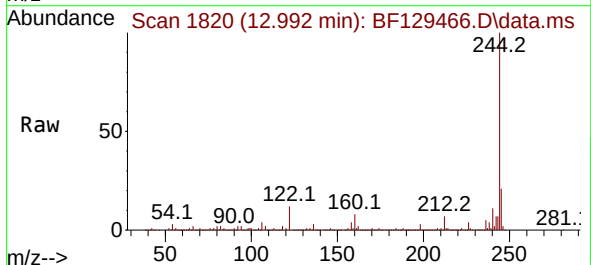
Instrument :
BNA_F
ClientSampleId :
PB146583BL

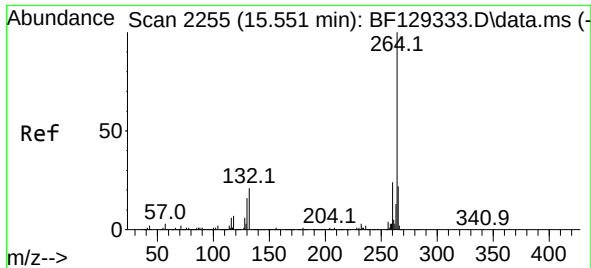
Tgt Ion:240 Resp: 597403
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.4 20.8 31.2



#79
Terphenyl-d14
Concen: 82.079 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF129466.D
Acq: 01 Aug 2022 11:11

Tgt Ion:244 Resp: 2599112
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 12.4 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF129466.D
 Acq: 01 Aug 2022 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB146583BL

Tgt Ion:264 Resp: 493047
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.6 17.2 25.8

