

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129666.D
 Acq On : 09 Aug 2022 14:45
 Operator : CG\JU
 Sample : N4101-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-8-8

Quant Time: Aug 09 15:18:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

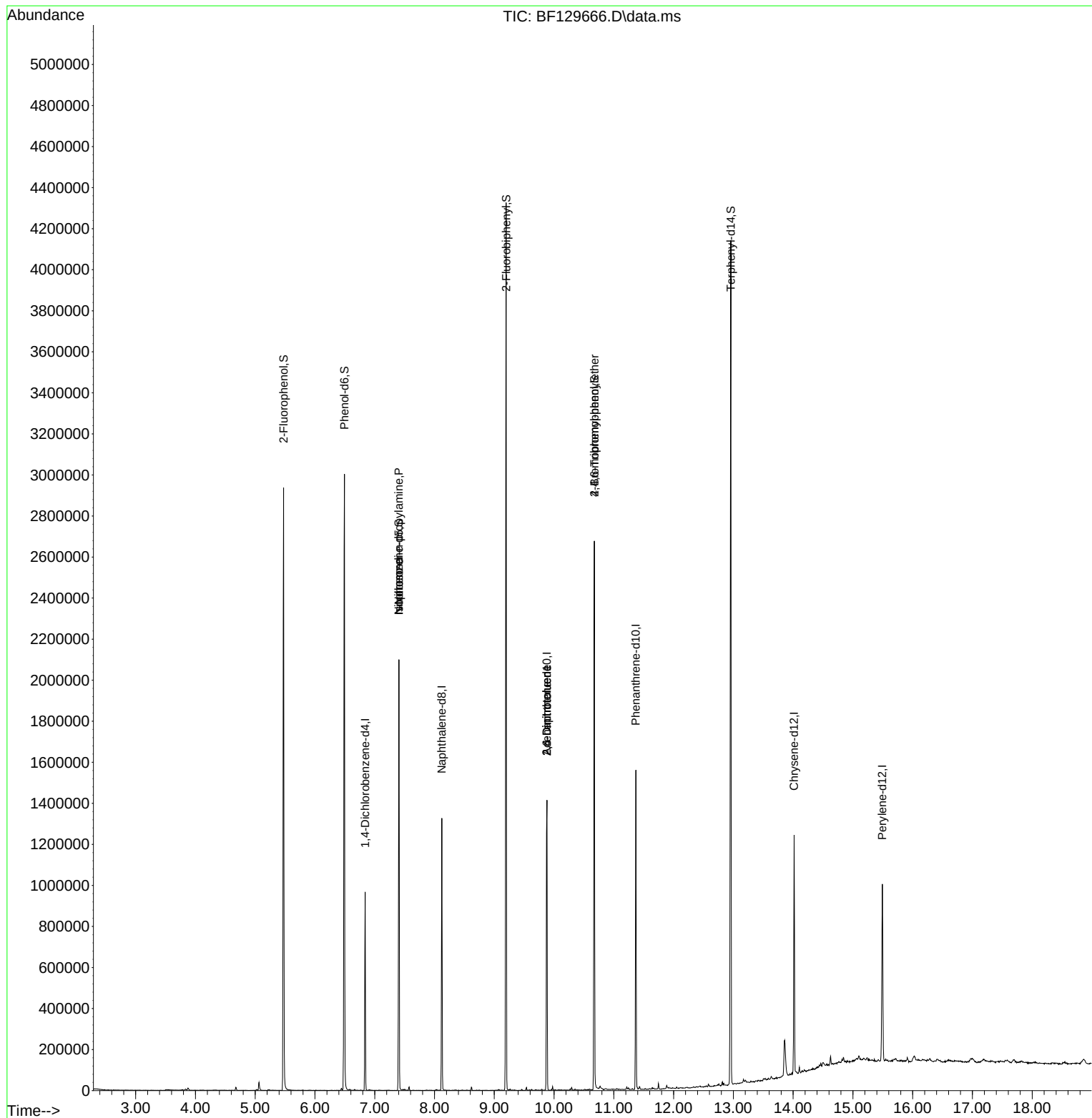
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	128525	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	521576	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	285072	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	497196	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	367080	20.000	ng	-0.01
86) Perylene-d12	15.492	264	374745	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	768028	97.344	ng	0.00
7) Phenol-d6	6.493	99	988421	99.669	ng	-0.01
23) Nitrobenzene-d5	7.404	82	615081	64.375	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	285938	104.328	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1197217	64.967	ng	-0.01
79) Terphenyl-d14	12.957	244	1314145	67.540	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	81645	13.599	ng	# 74
25) Isophorone	7.404	82	613027	35.793	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	36704	8.333	ng	# 26
57) 2,4-Dinitrotoluene	9.881	165	36704	6.379	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	18370	3.374	ng	# 1

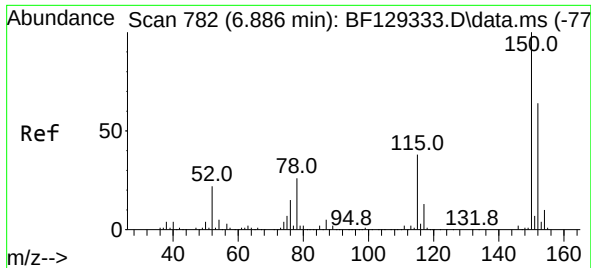
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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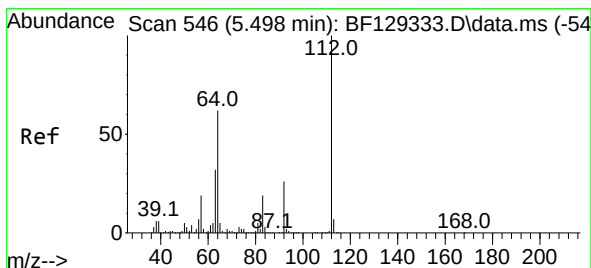
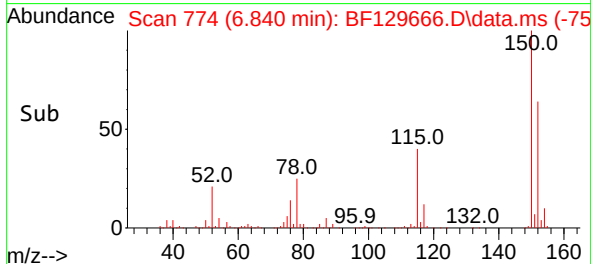
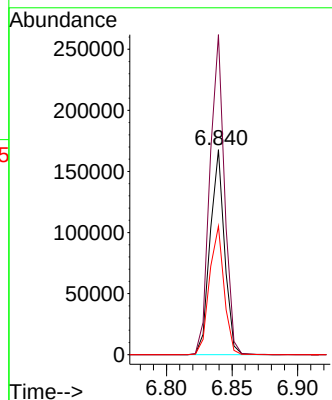
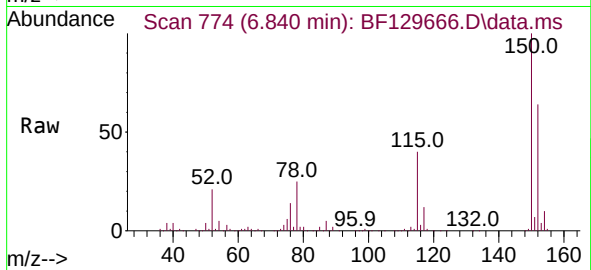




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

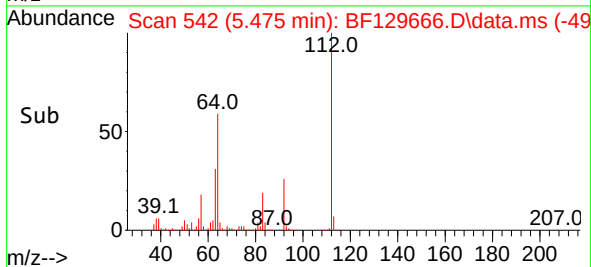
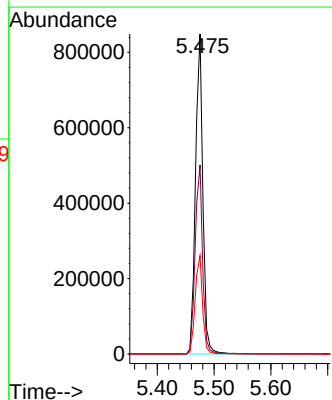
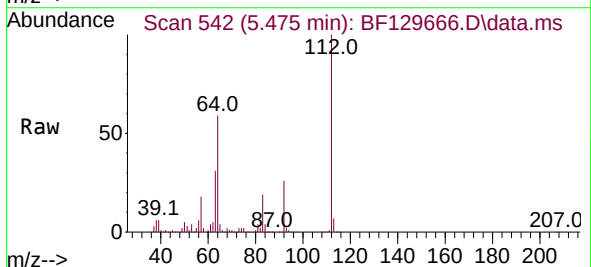
Instrument :
BNA_F
ClientSampleId :
TP1-8-8

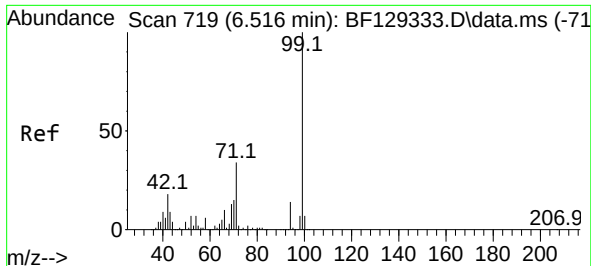
Tgt Ion:152 Resp: 128525
Ion Ratio Lower Upper
152 100
150 156.1 123.7 185.5
115 62.7 49.9 74.9



#5
2-Fluorophenol
Concen: 97.344 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

Tgt Ion:112 Resp: 768028
Ion Ratio Lower Upper
112 100
64 59.0 53.3 79.9
63 30.8 28.0 42.0

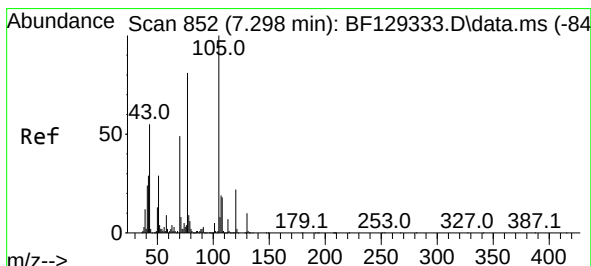
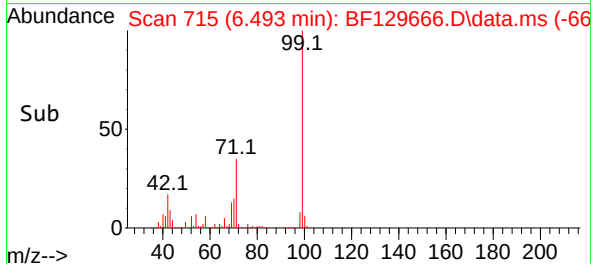
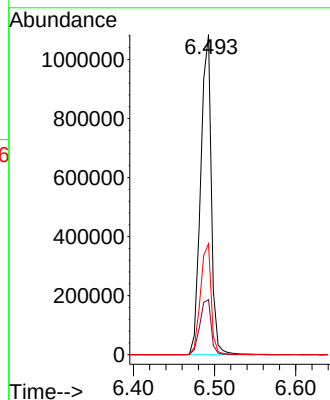
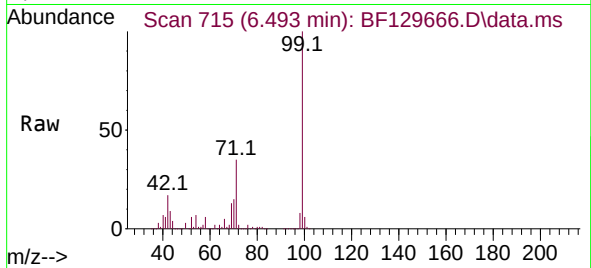




#7
Phenol-d6
Concen: 99.669 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

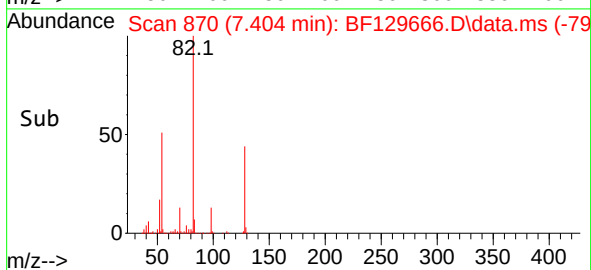
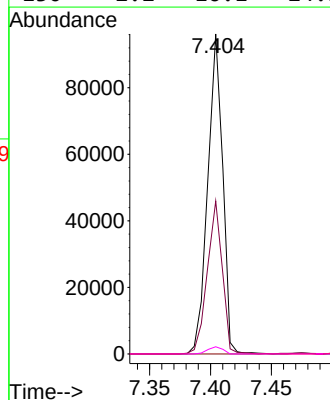
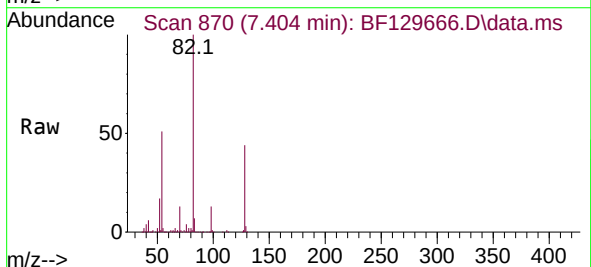
Instrument :
BNA_F
ClientSampleId :
TP1-8-8

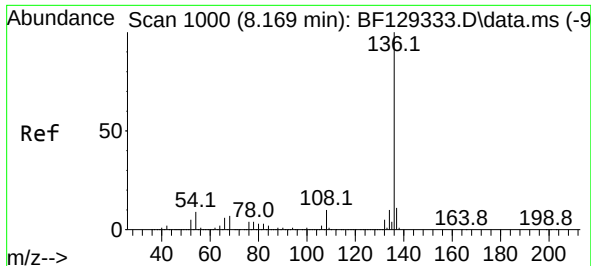
Tgt Ion: 99 Resp: 988421
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9#
71 34.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.599 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

Tgt Ion: 70 Resp: 81645
Ion Ratio Lower Upper
70 100
42 47.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



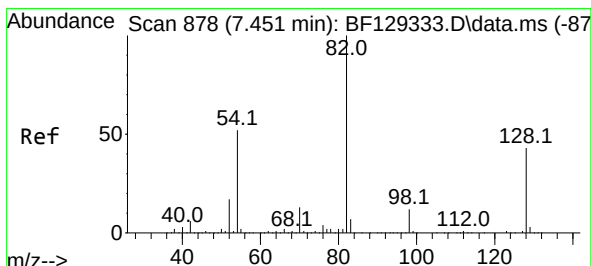
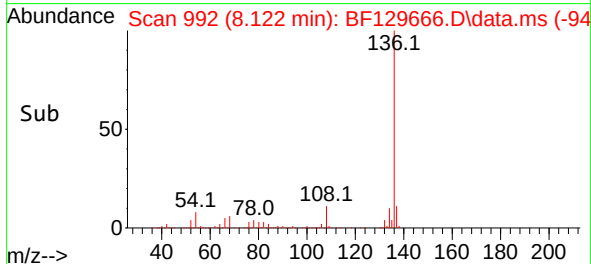
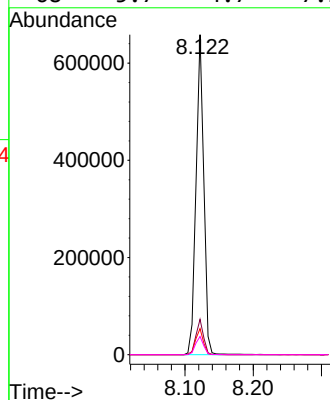
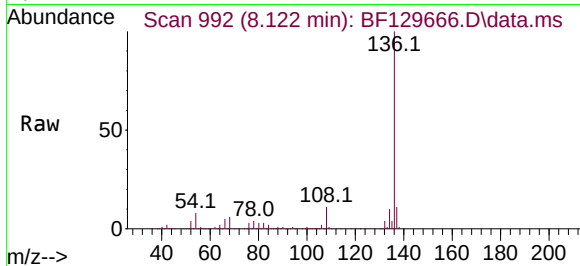


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

Instrument :
BNA_F
ClientSampleId :
TP1-8-8

Tgt Ion:136 Resp: 521576

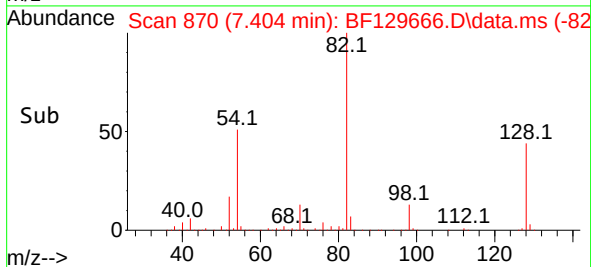
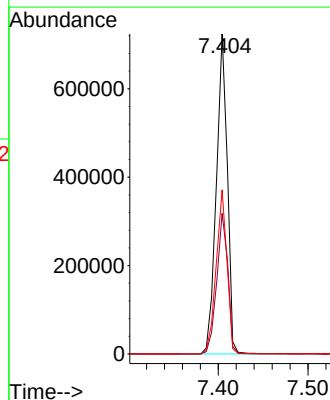
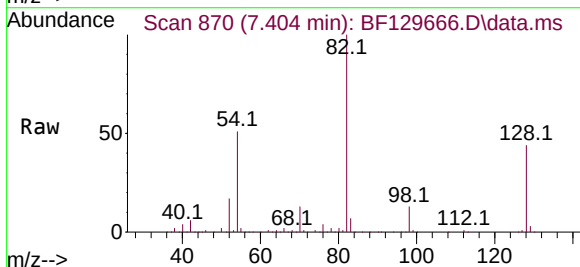
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.1	7.5	11.3
68	5.7	4.7	7.1

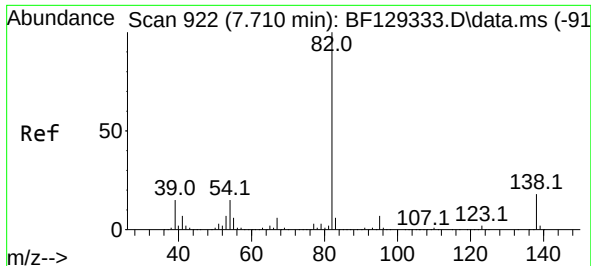


#23
Nitrobenzene-d5
Concen: 64.375 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

Tgt Ion: 82 Resp: 615081

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	51.3	46.9	70.3

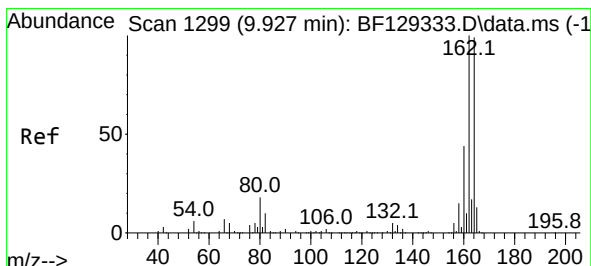
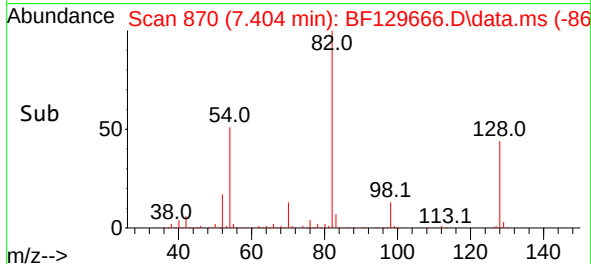
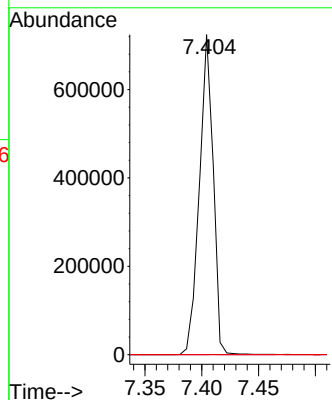
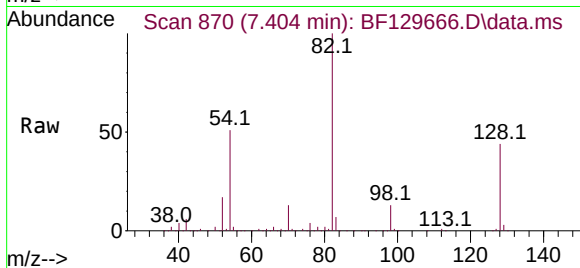




#25
Isophorone
Concen: 35.793 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

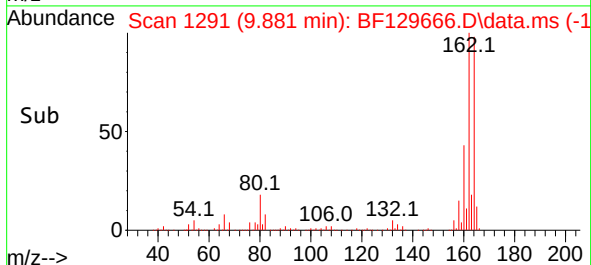
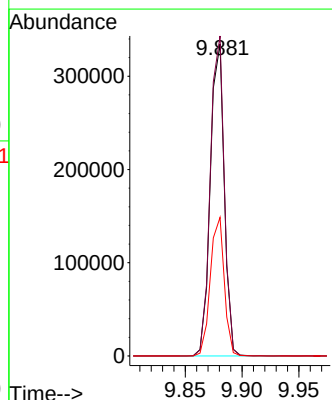
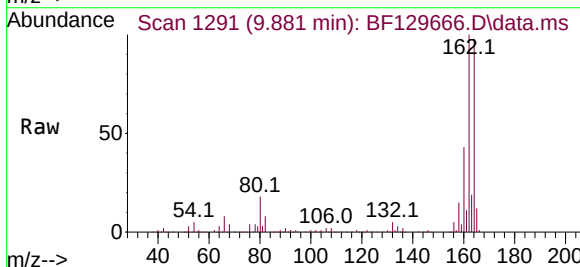
Instrument :
BNA_F
ClientSampleId :
TP1-8-8

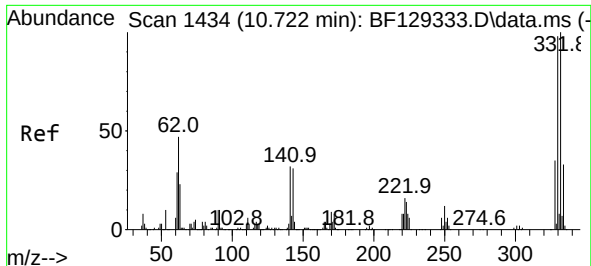
Tgt Ion: 82 Resp: 613027
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

Tgt Ion:164 Resp: 285072
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 104.328 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129666.D

Acq: 09 Aug 2022 14:45

Instrument :

BNA_F

ClientSampleId :

TP1-8-8

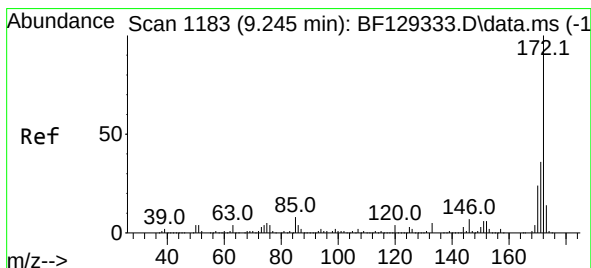
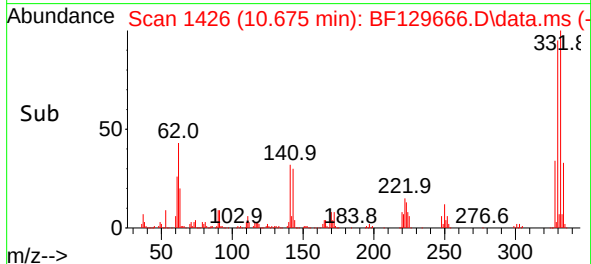
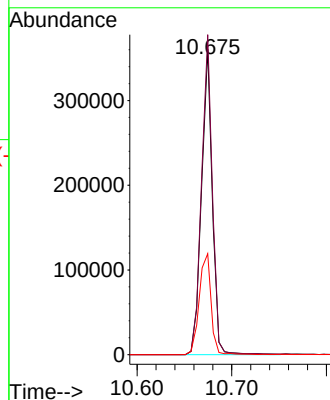
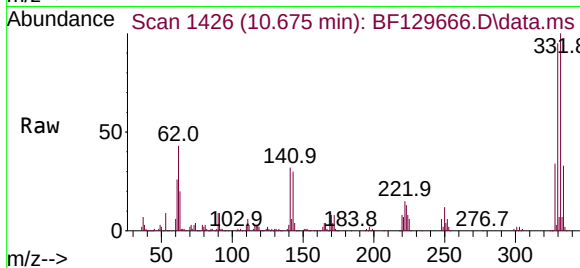
Tgt Ion:330 Resp: 285938

Ion Ratio Lower Upper

330 100

332 105.4 76.8 115.2

141 36.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.967 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129666.D

Acq: 09 Aug 2022 14:45

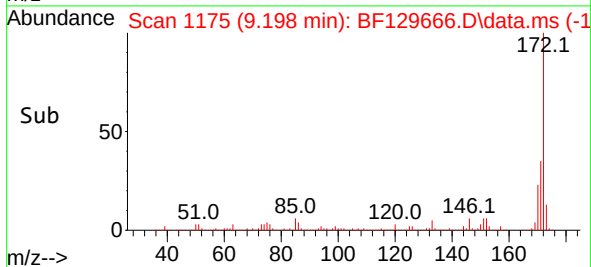
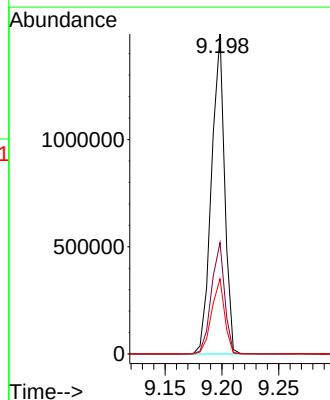
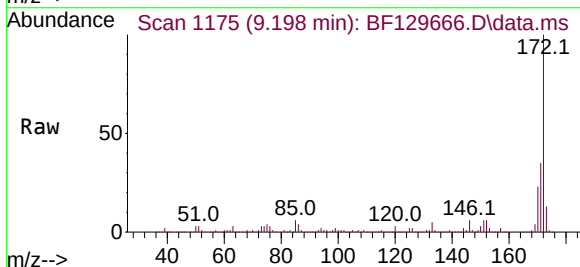
Tgt Ion:172 Resp: 1197217

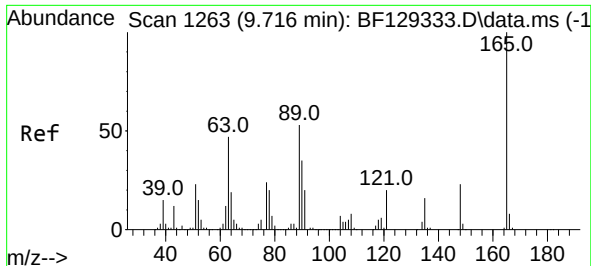
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.333 ng

RT: 9.881 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129666.D

Acq: 09 Aug 2022 14:45

Instrument :

BNA_F

ClientSampleId :

TP1-8-8

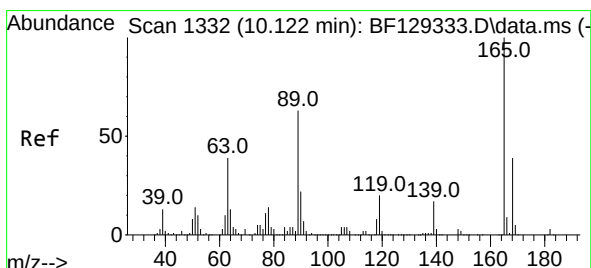
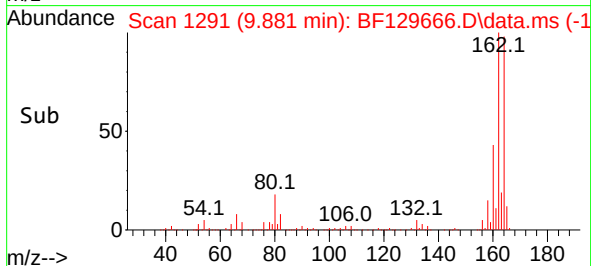
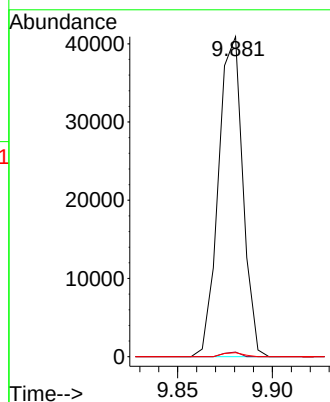
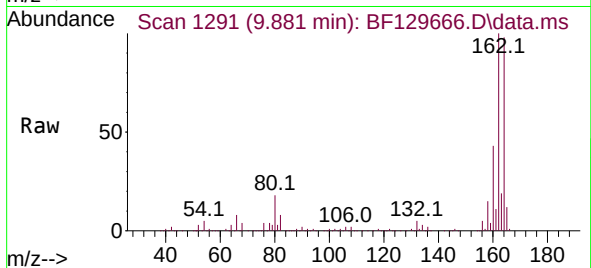
Tgt Ion:165 Resp: 36704

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.379 ng

RT: 9.881 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129666.D

Acq: 09 Aug 2022 14:45

Tgt Ion:165 Resp: 36704

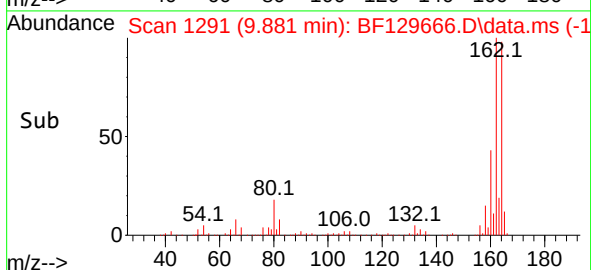
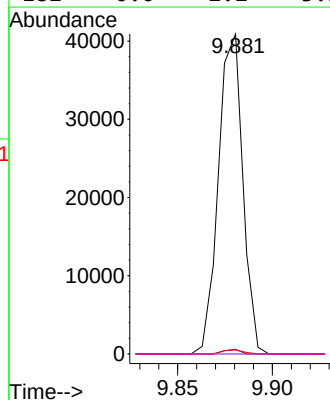
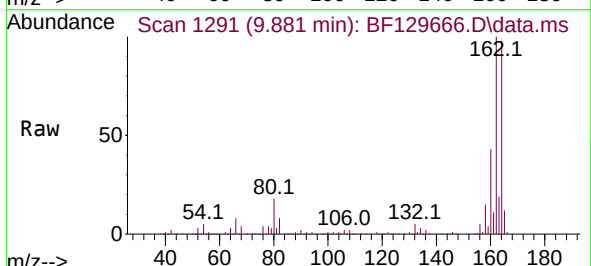
Ion Ratio Lower Upper

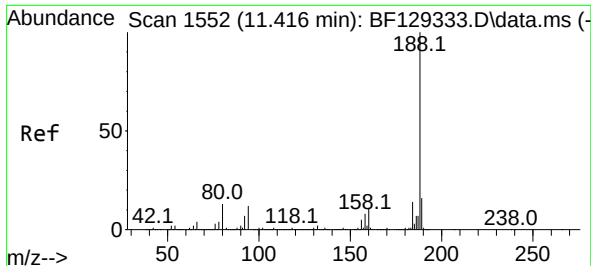
165 100

63 1.5 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#

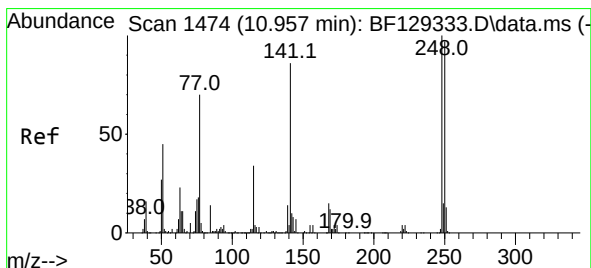
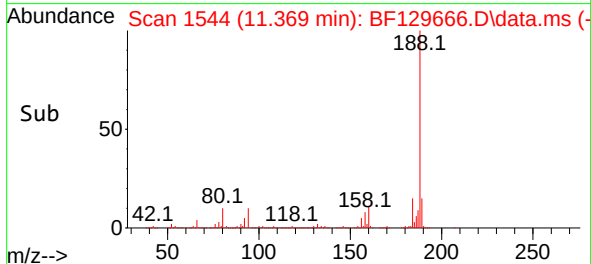
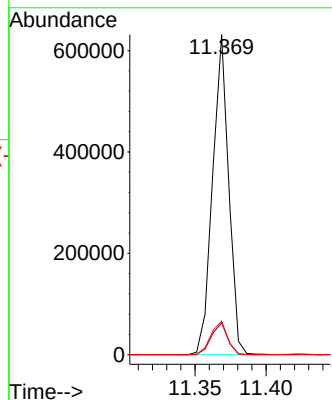
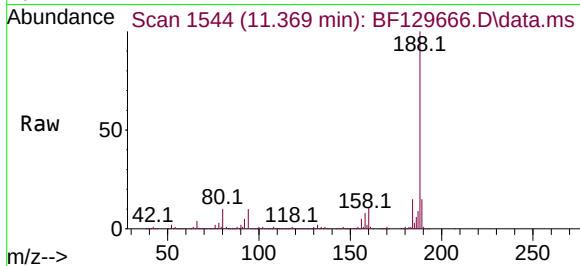




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

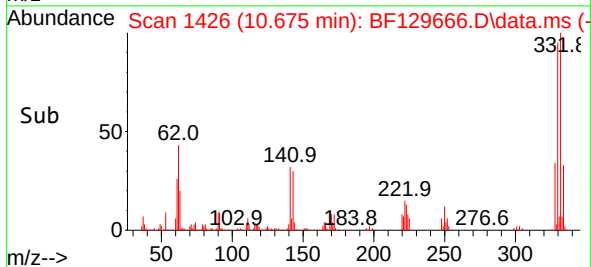
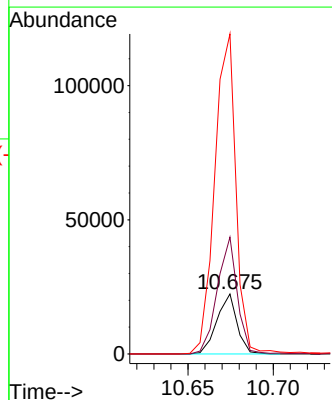
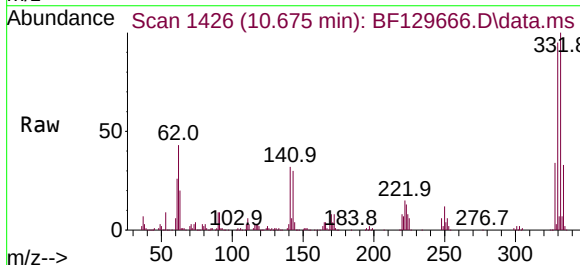
Instrument :
BNA_F
ClientSampleId :
TP1-8-8

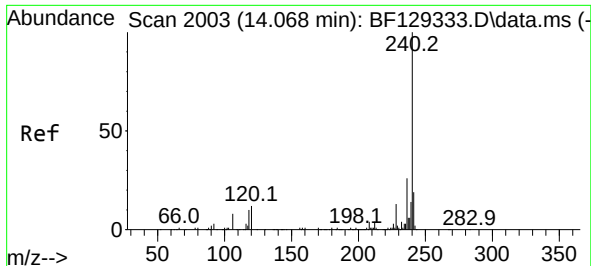
Tgt Ion:188 Resp: 497196
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.4 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.374 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

Tgt Ion:248 Resp: 18370
Ion Ratio Lower Upper
248 100
250 194.6 80.6 120.8#
141 533.0 58.9 88.3#

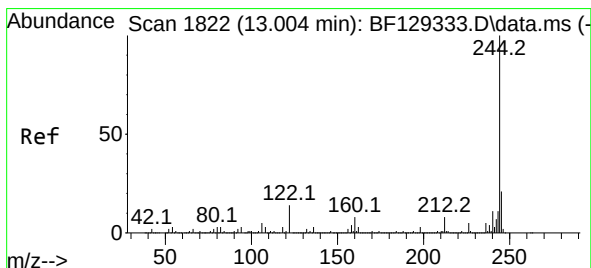
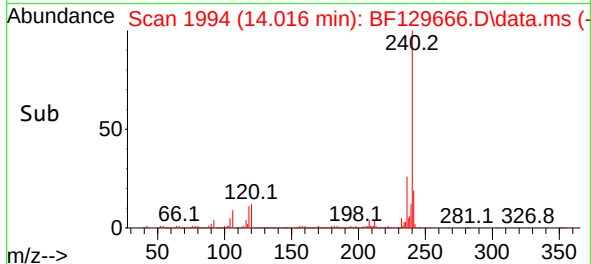
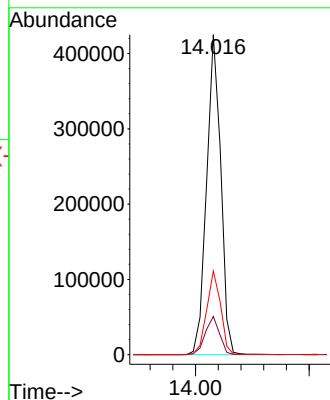
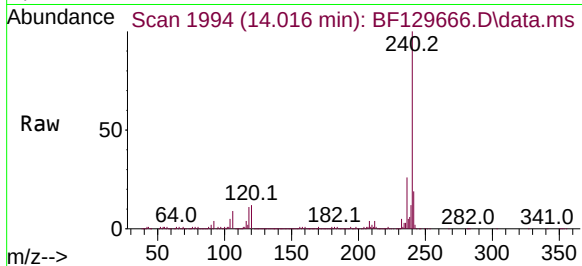




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

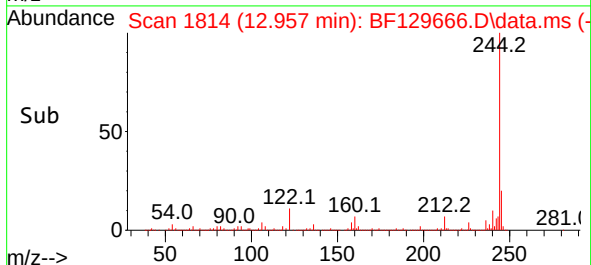
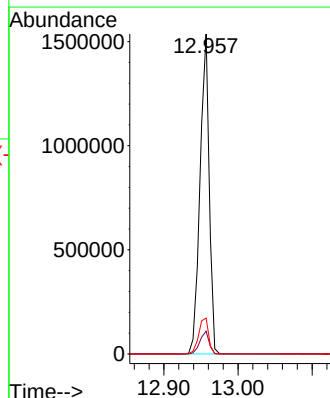
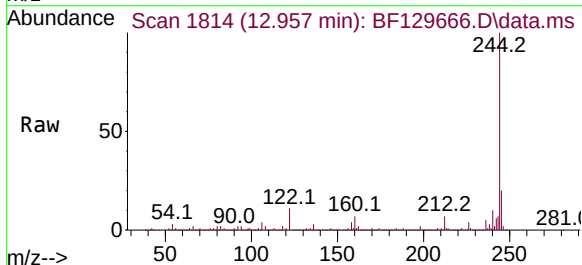
Instrument :
BNA_F
ClientSampleId :
TP1-8-8

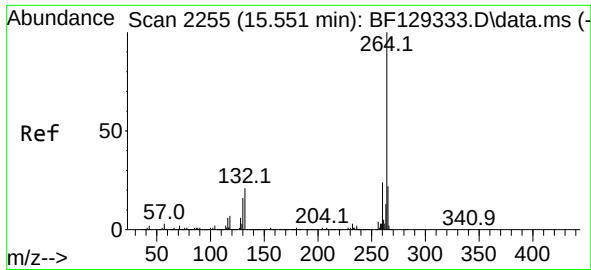
Tgt Ion:240 Resp: 367080
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 67.540 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129666.D
Acq: 09 Aug 2022 14:45

Tgt Ion:244 Resp: 1314145
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.2 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129666.D

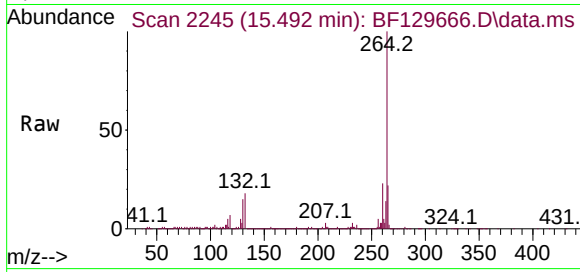
Acq: 09 Aug 2022 14:45

Instrument :

BNA_F

ClientSampleId :

TP1-8-8



Tgt Ion:264 Resp: 374745

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 22.2 17.2 25.8

