

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
 Data File : BF129339.D
 Acq On : 25 Jul 2022 18:57
 Operator : CG\JU
 Sample : PB146423BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146423BL

Quant Time: Jul 26 03:10:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

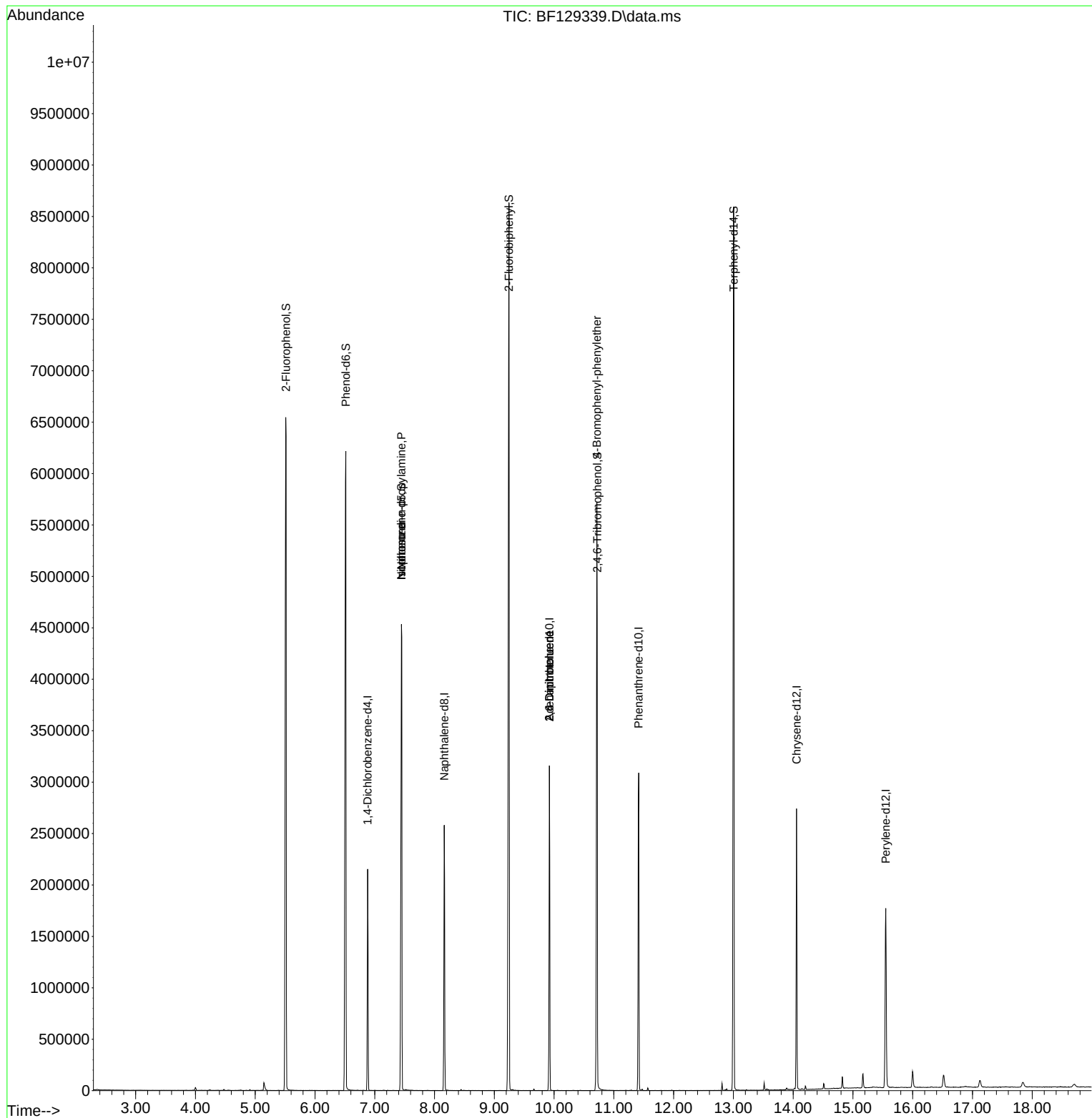
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	291202	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1180529	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	636200	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1107144	20.000	ng	0.00
76) Chrysene-d12	14.057	240	847059	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	719649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2170413	121.414	ng	0.02
7) Phenol-d6	6.516	99	2710474	120.630	ng	0.00
23) Nitrobenzene-d5	7.445	82	1810691	83.728	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	755606	123.534	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3053815	74.255	ng	0.00
79) Terphenyl-d14	13.004	244	3343998	74.478	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	241972	17.789	ng	# 75
25) Isophorone	7.445	82	1806299	46.597	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	82059	8.348	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	82059	6.390	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	47774	3.941	ng	# 1

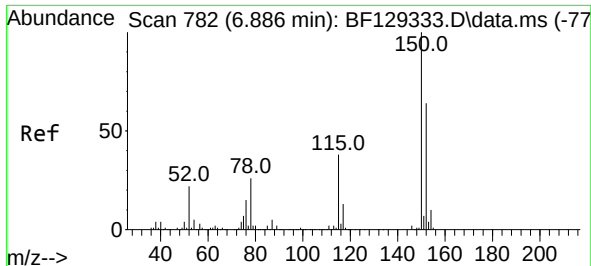
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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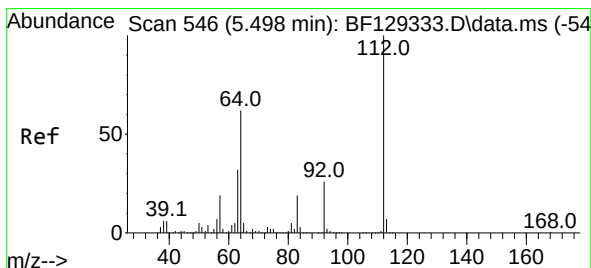
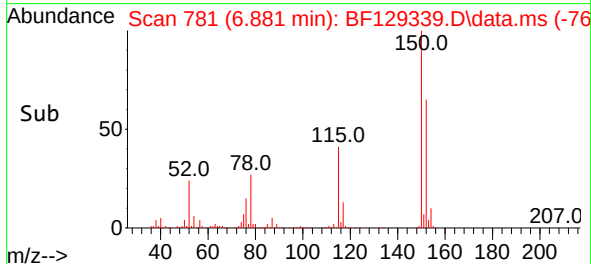
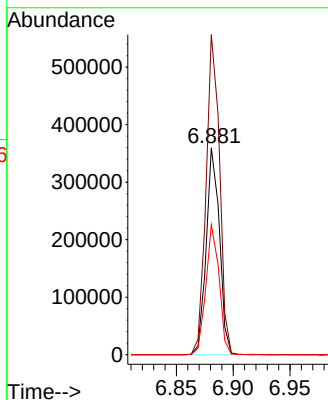
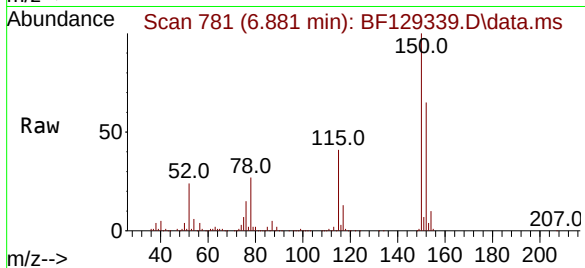




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129339.D
Acq: 25 Jul 2022 18:57

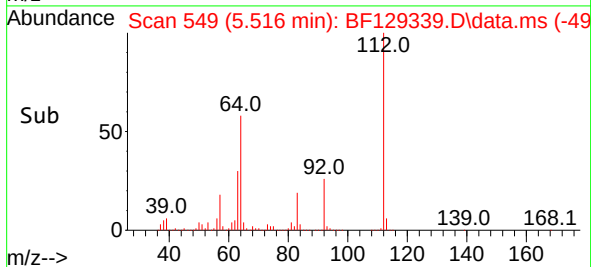
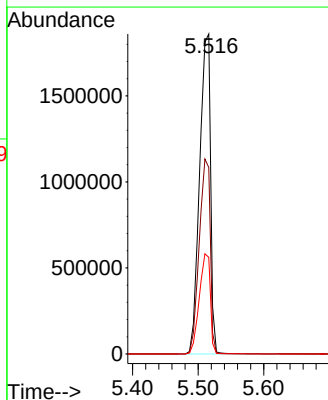
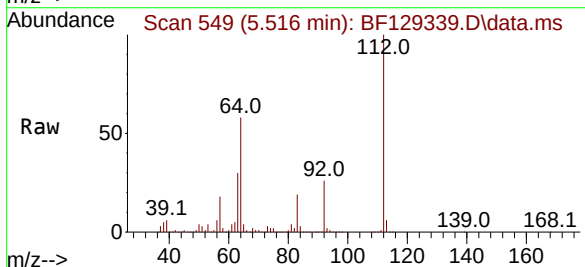
Instrument :
BNA_F
ClientSampleId :
PB146423BL

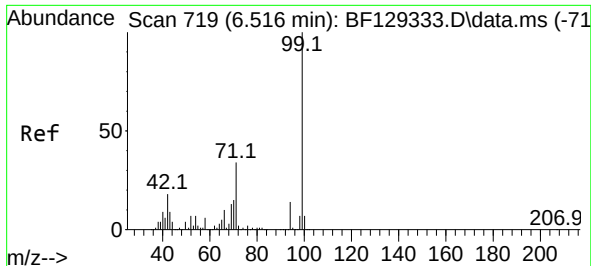
Tgt Ion:152 Resp: 291202
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 62.8 49.9 74.9



#5
2-Fluorophenol
Concen: 121.414 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF129339.D
Acq: 25 Jul 2022 18:57

Tgt Ion:112 Resp: 2170413
Ion Ratio Lower Upper
112 100
64 58.3 53.3 79.9
63 30.2 28.0 42.0



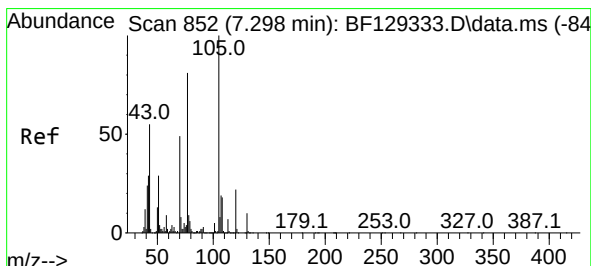
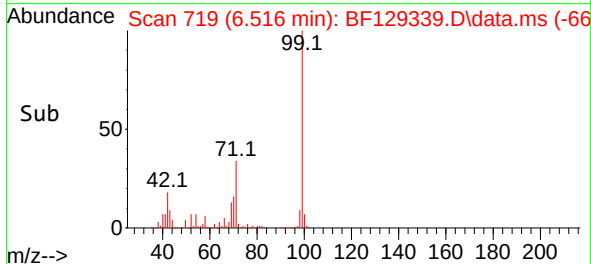
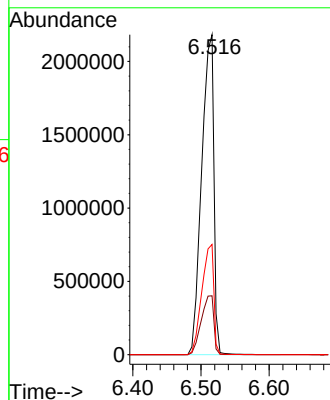
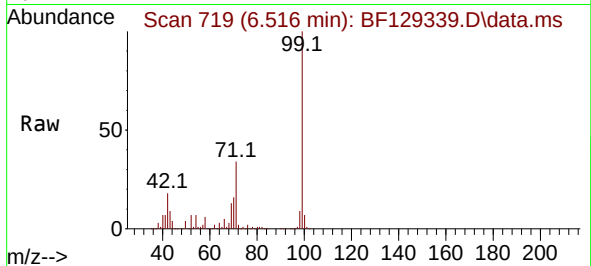


#7
Phenol-d6
Concen: 120.630 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129339.D
Acq: 25 Jul 2022 18:57

Instrument :
BNA_F
ClientSampleId :
PB146423BL

Tgt Ion: 99 Resp: 2710474

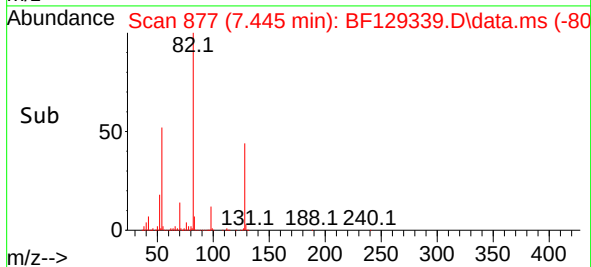
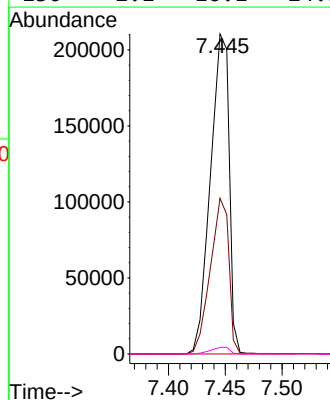
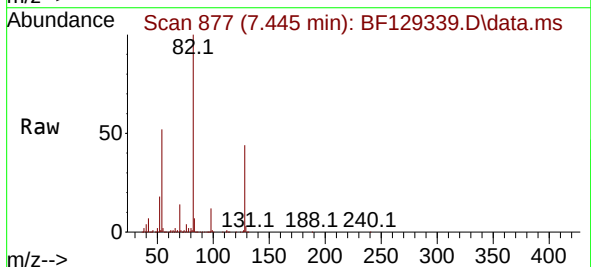
Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.3	25.9
71	34.5	28.9	43.3

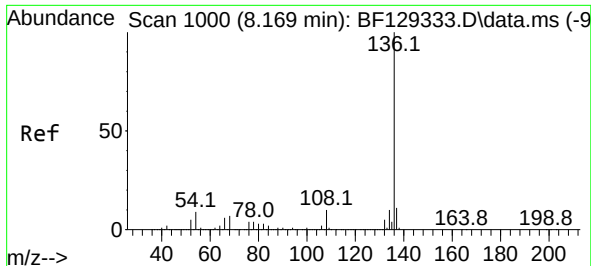


#19
n-Nitroso-di-n-propylamine
Concen: 17.789 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129339.D
Acq: 25 Jul 2022 18:57

Tgt Ion: 70 Resp: 241972

Ion	Ratio	Lower	Upper
70	100		
42	48.6	52.3	78.5#
101	0.0	7.5	11.3#
130	2.1	16.1	24.1#

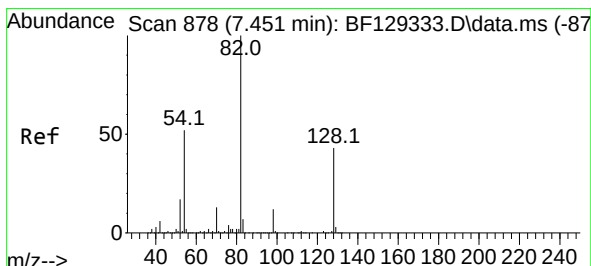
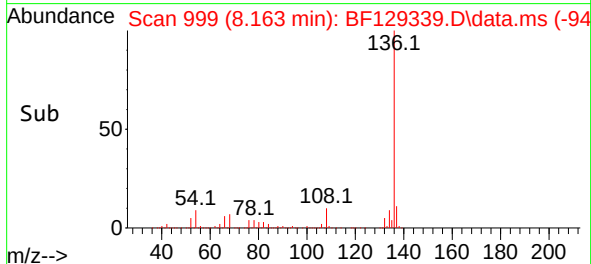
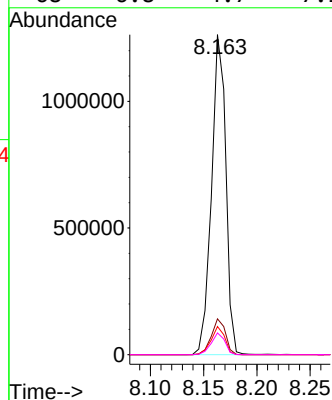
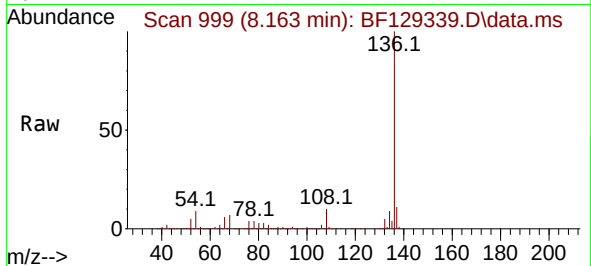




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129339.D
Acq: 25 Jul 2022 18:57

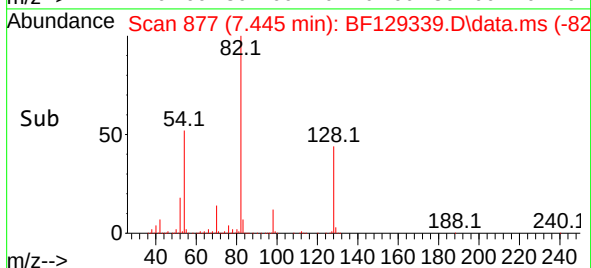
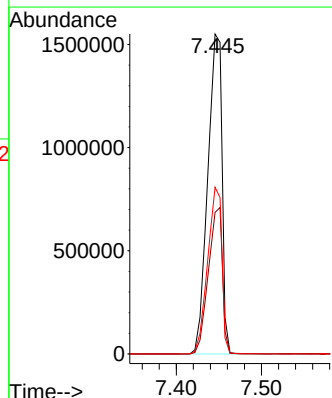
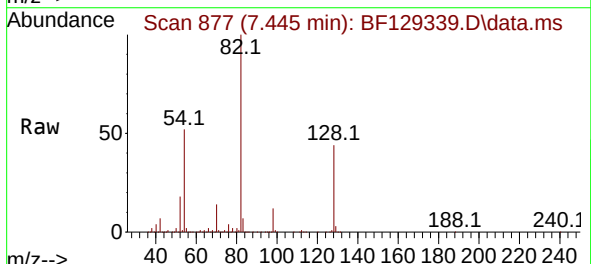
Instrument :
BNA_F
ClientSampleId :
PB146423BL

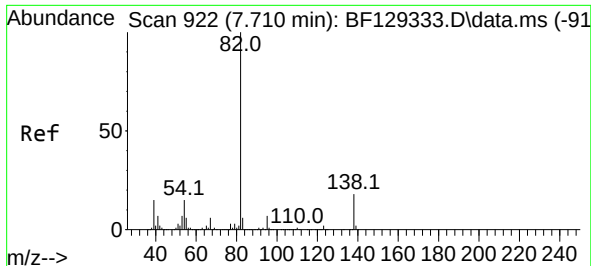
Tgt Ion:136 Resp: 1180529
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.8 7.5 11.3
68 6.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 83.728 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129339.D
Acq: 25 Jul 2022 18:57

Tgt Ion: 82 Resp: 1810691
Ion Ratio Lower Upper
82 100
128 44.2 34.0 51.0
54 52.1 46.9 70.3

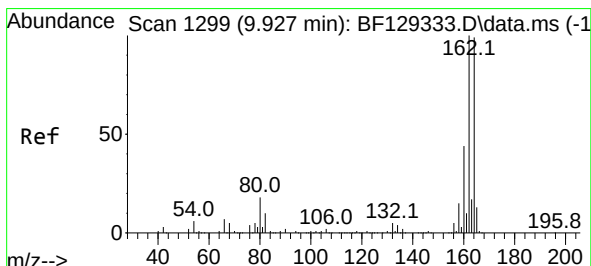
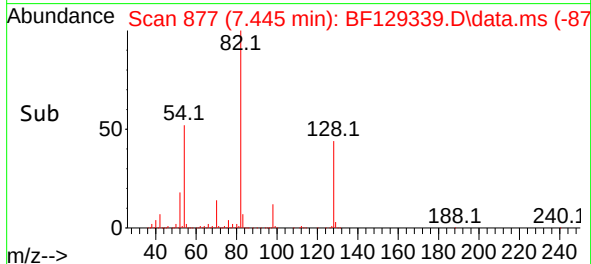
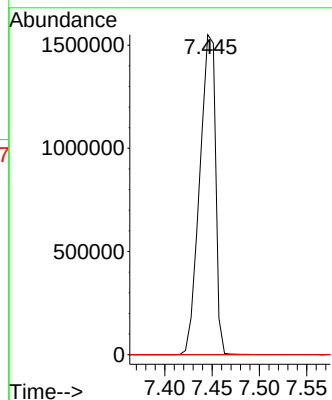
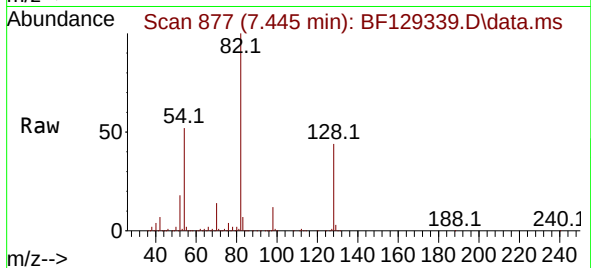




#25
Isophorone
Concen: 46.597 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129339.D
Acq: 25 Jul 2022 18:57

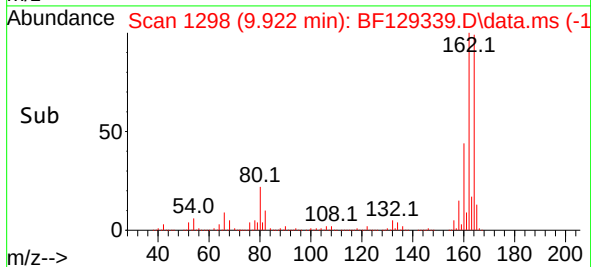
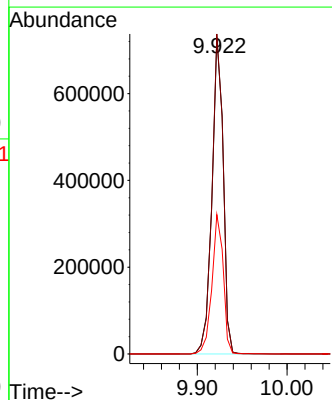
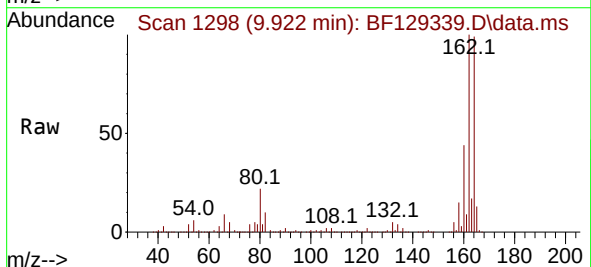
Instrument :
BNA_F
ClientSampleId :
PB146423BL

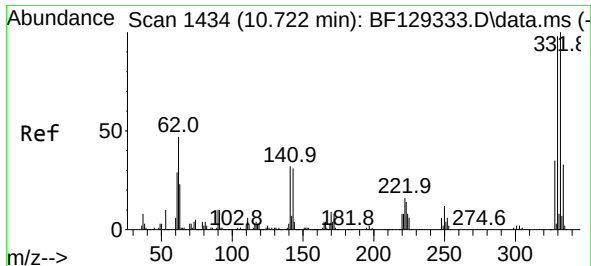
Tgt Ion: 82 Resp: 1806299
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129339.D
Acq: 25 Jul 2022 18:57

Tgt Ion:164 Resp: 636200
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 123.534 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129339.D

Acq: 25 Jul 2022 18:57

Instrument :

BNA_F

ClientSampleId :

PB146423BL

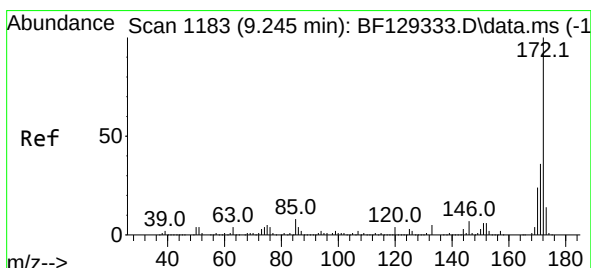
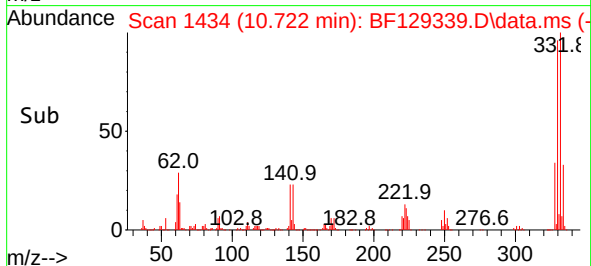
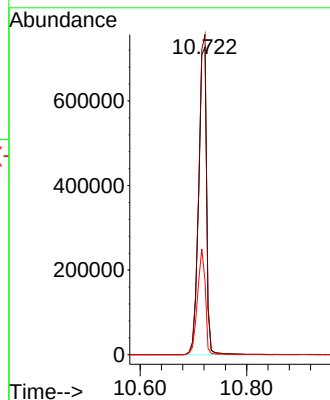
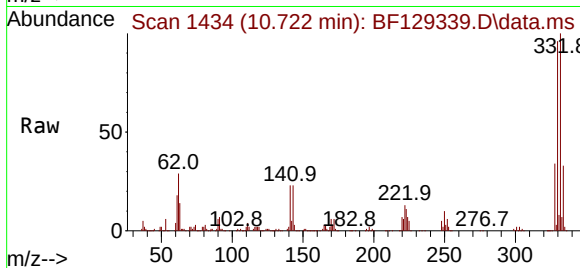
Tgt Ion:330 Resp: 755606

Ion Ratio Lower Upper

330 100

332 102.6 76.8 115.2

141 34.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 74.255 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129339.D

Acq: 25 Jul 2022 18:57

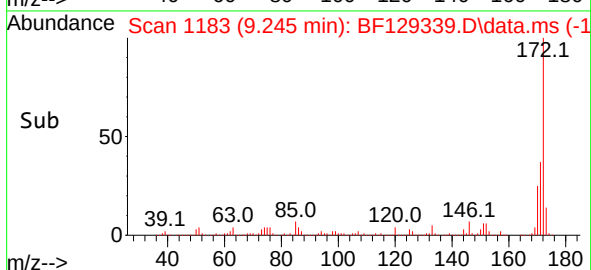
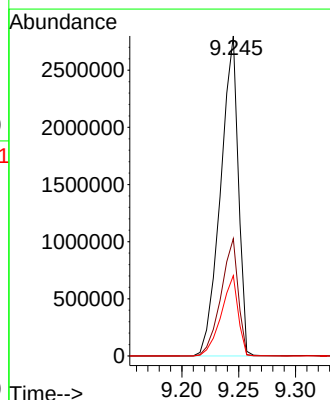
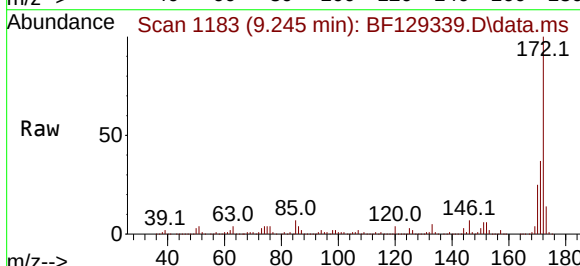
Tgt Ion:172 Resp: 3053815

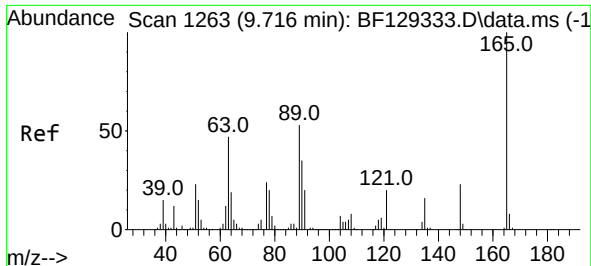
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 25.1 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.348 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129339.D

Acq: 25 Jul 2022 18:57

Instrument :

BNA_F

ClientSampleId :

PB146423BL

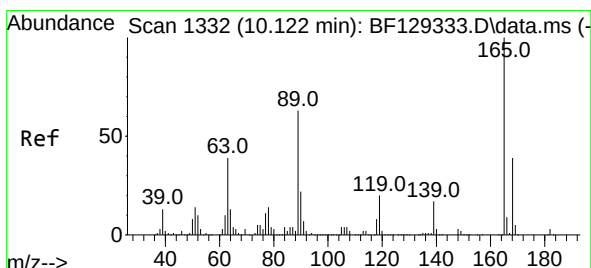
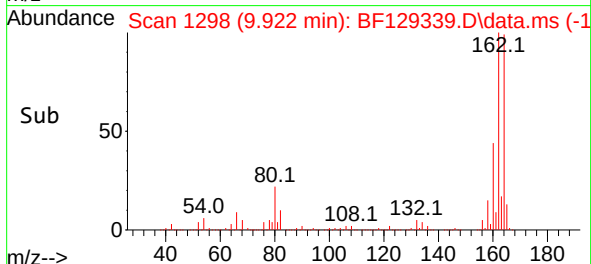
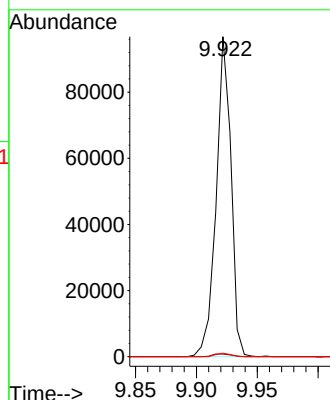
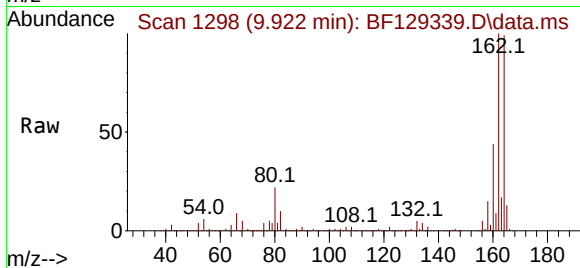
Tgt Ion:165 Resp: 82059

Ion Ratio Lower Upper

165 100

63 0.8 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.390 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129339.D

Acq: 25 Jul 2022 18:57

Tgt Ion:165 Resp: 82059

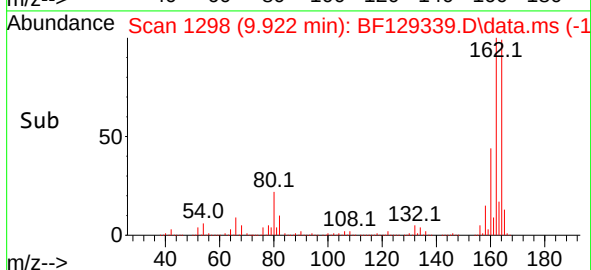
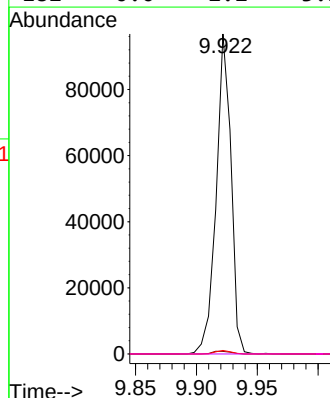
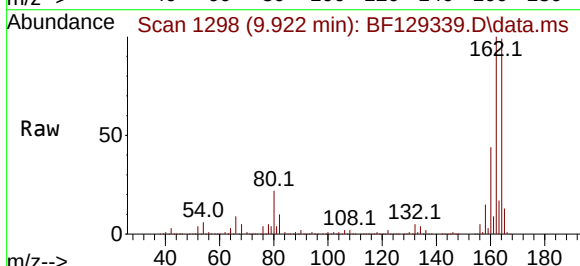
Ion Ratio Lower Upper

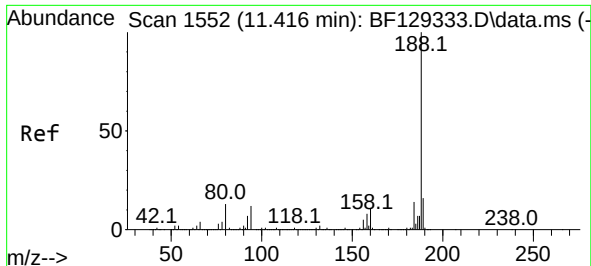
165 100

63 0.8 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#

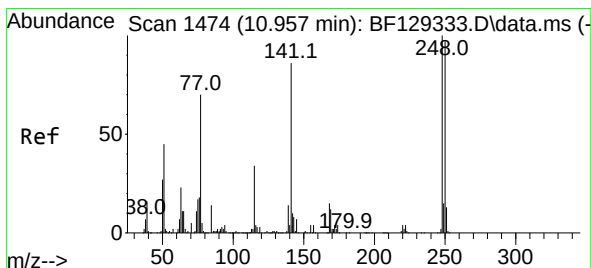
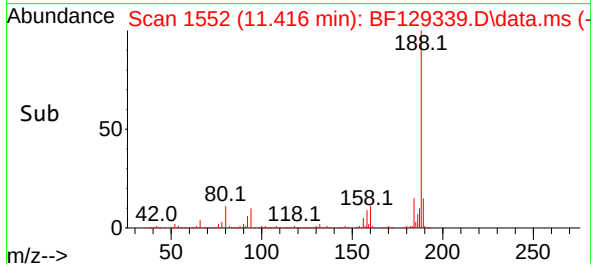
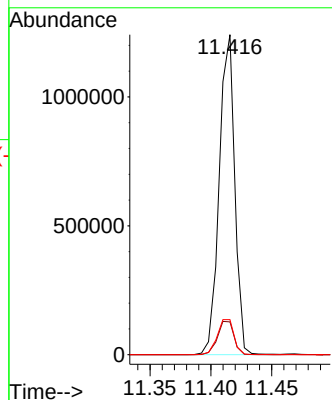
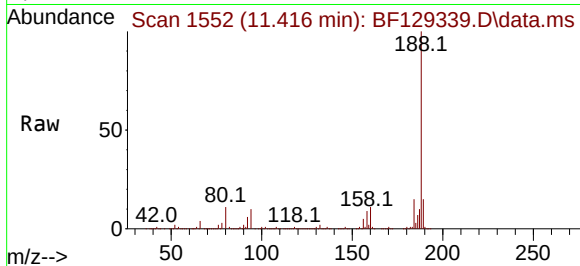




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129339.D
Acq: 25 Jul 2022 18:57

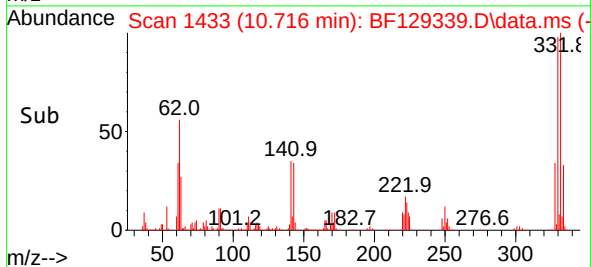
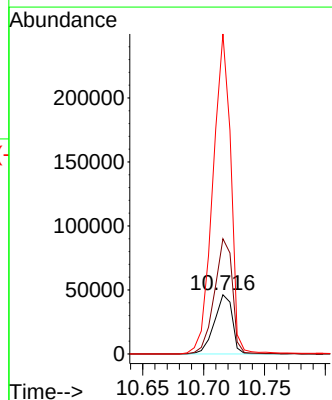
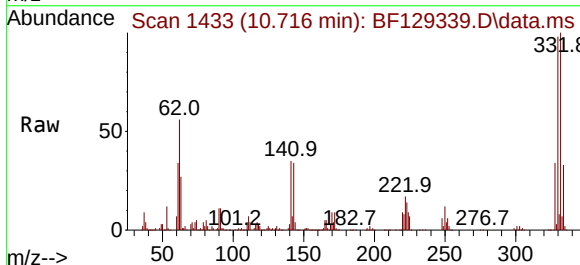
Instrument :
BNA_F
ClientSampleId :
PB146423BL

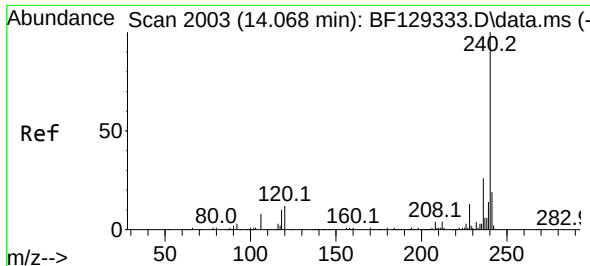
Tgt Ion:188 Resp: 1107144
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.941 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129339.D
Acq: 25 Jul 2022 18:57

Tgt Ion:248 Resp: 47774
Ion Ratio Lower Upper
248 100
250 194.6 80.6 120.8#
141 540.4 58.9 88.3#

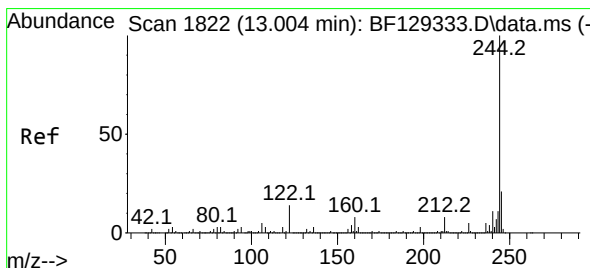
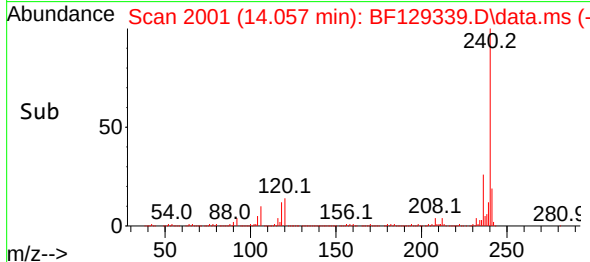
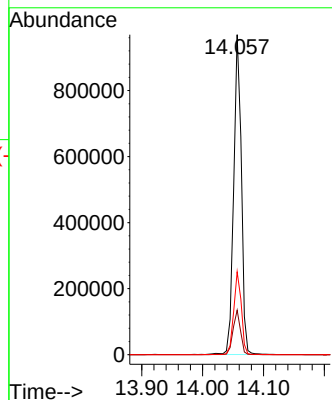
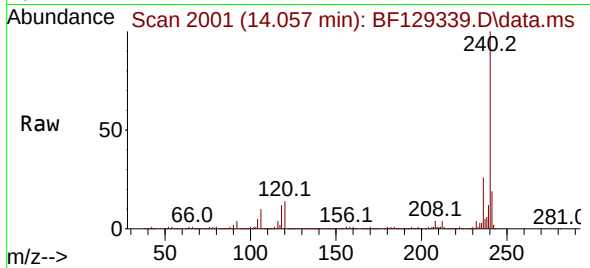




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129339.D
Acq: 25 Jul 2022 18:57

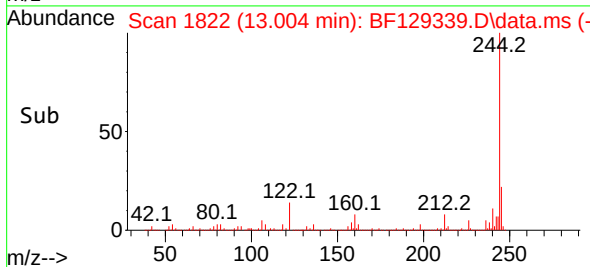
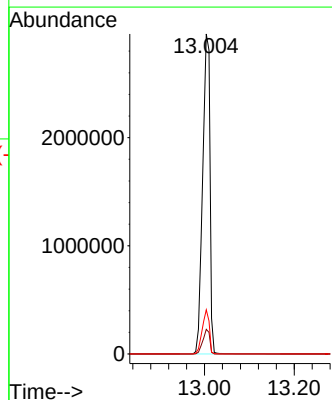
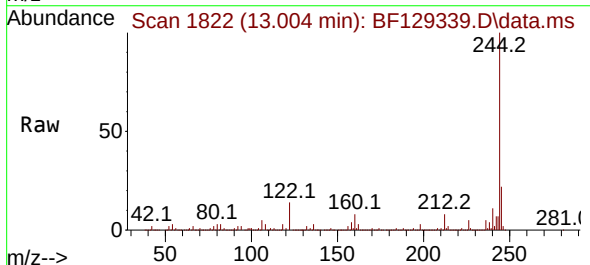
Instrument :
BNA_F
ClientSampleId :
PB146423BL

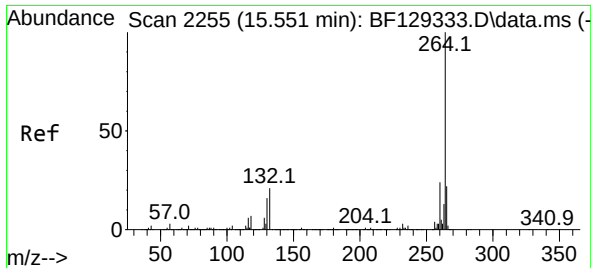
Tgt Ion:240 Resp: 847059
Ion Ratio Lower Upper
240 100
120 13.9 8.9 13.3#
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 74.478 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129339.D
Acq: 25 Jul 2022 18:57

Tgt Ion:244 Resp: 3343998
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 13.8 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129339.D
 Acq: 25 Jul 2022 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB146423BL

Tgt Ion:264 Resp: 719649
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.4 17.2 25.8

