

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129358.D
 Acq On : 26 Jul 2022 16:37
 Operator : CG\JU
 Sample : N3839-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-WC-1

Quant Time: Jul 27 00:40:04 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)

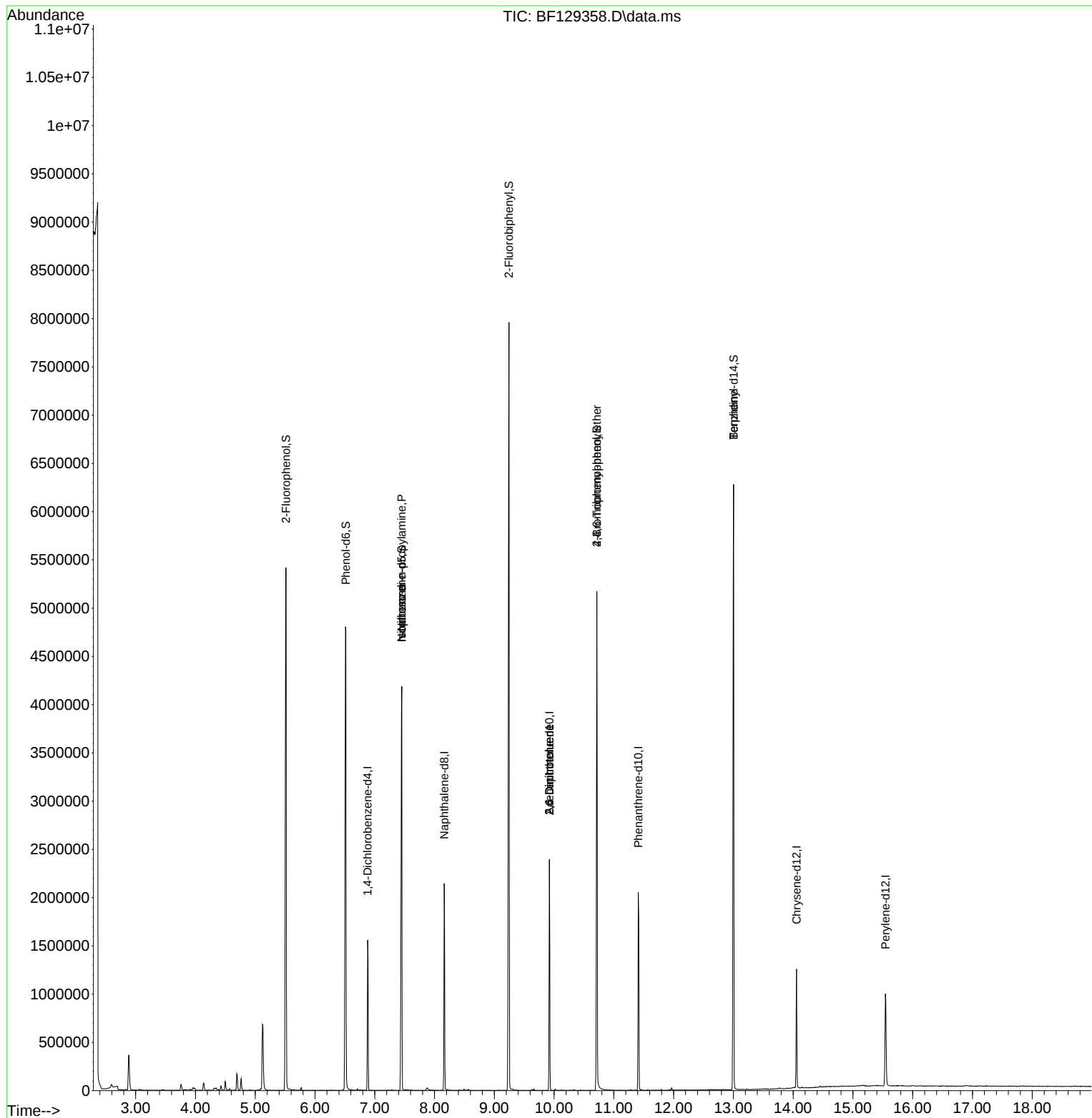
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	219357	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	876210	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	458243	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	725087	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	375784	20.000	ng	-0.01
86) Perylene-d12	15.545	264	438397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1690460	125.538	ng	0.02
7) Phenol-d6	6.516	99	1975290	116.704	ng	0.00
23) Nitrobenzene-d5	7.451	82	1480814	92.256	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	610344	138.536	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2485340	83.901	ng	0.00
79) Terphenyl-d14	13.004	244	2229493	111.929	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	197808	19.305	ng	# 72
25) Isophorone	7.451	82	1479426	51.419	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	58820	8.308	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	58820	6.359	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	38235	4.816	ng	# 1
77) Benzidine	13.004	184	30752	2.316	ng	# 95

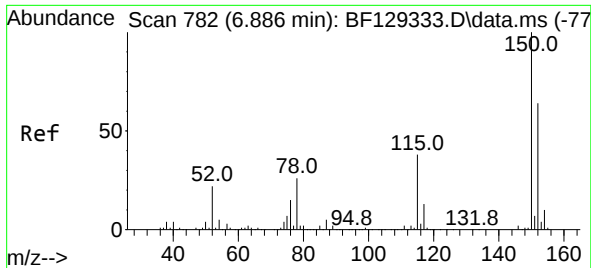
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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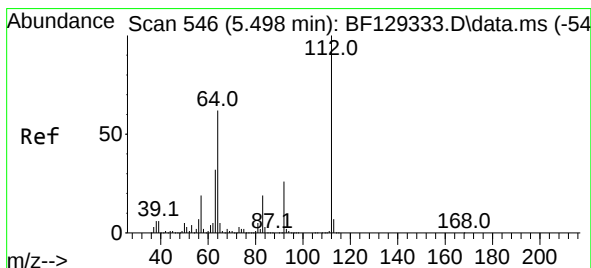
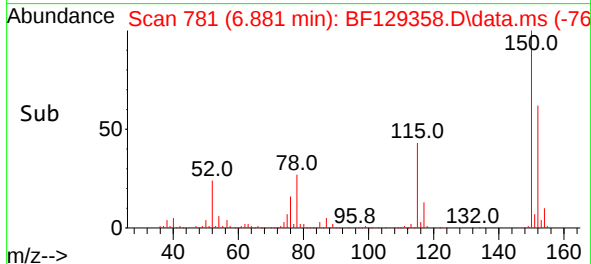
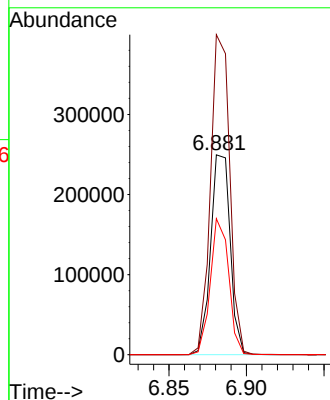
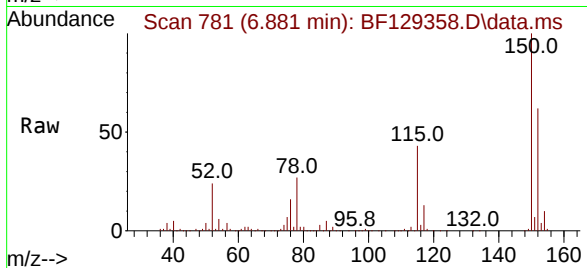




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129358.D
 Acq: 26 Jul 2022 16:37

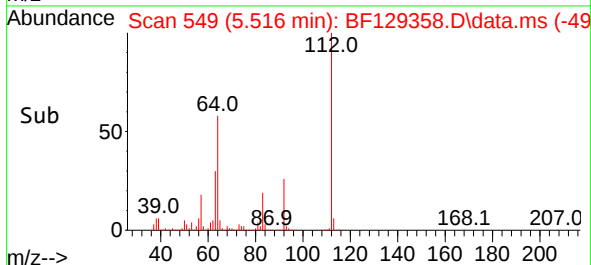
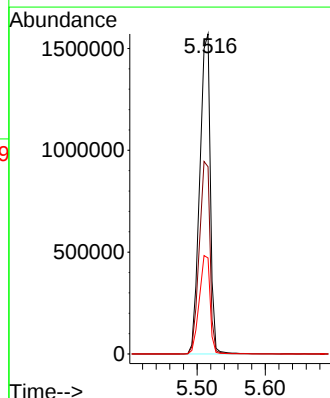
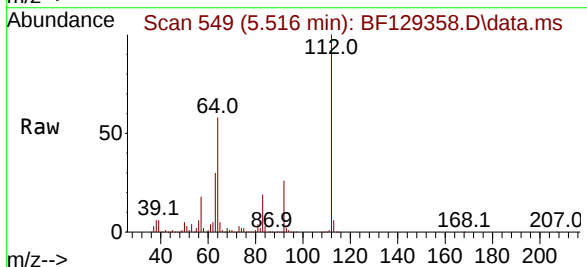
Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-WC-1

Tgt Ion:152 Resp: 219357
 Ion Ratio Lower Upper
 152 100
 150 160.1 123.7 185.5
 115 68.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 125.538 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129358.D
 Acq: 26 Jul 2022 16:37

Tgt Ion:112 Resp: 1690460
 Ion Ratio Lower Upper
 112 100
 64 58.5 53.3 79.9
 63 30.0 28.0 42.0



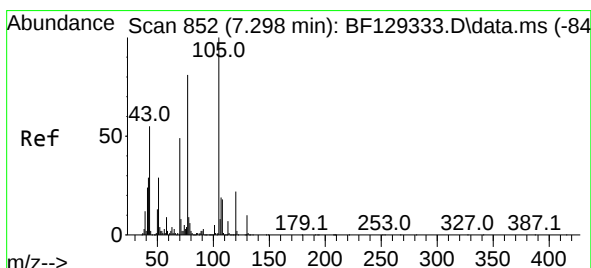
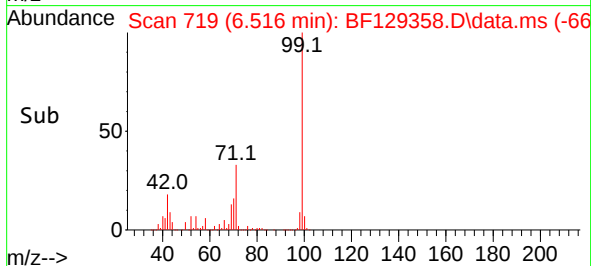
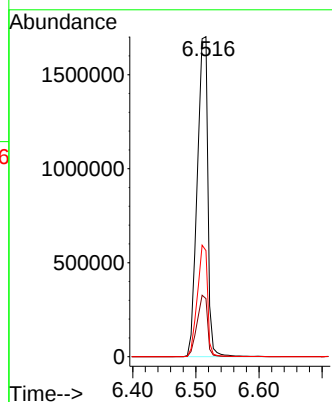
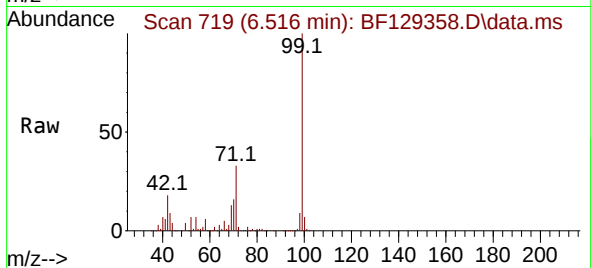


#7
Phenol-d6
Concen: 116.704 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129358.D
Acq: 26 Jul 2022 16:37

Instrument :
BNA_F
ClientSampleId :
ENV-DE-WC-1

Tgt Ion: 99 Resp: 1975290

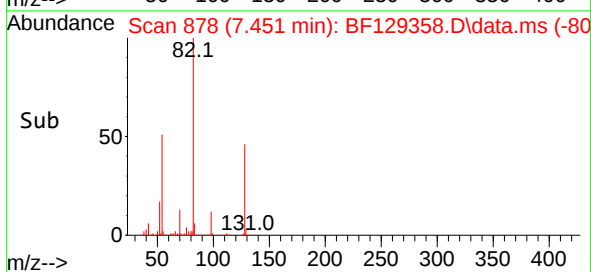
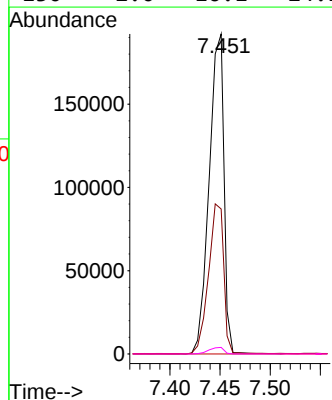
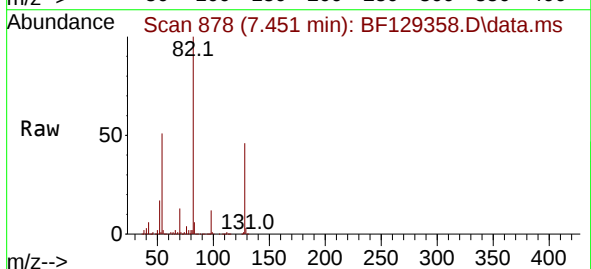
Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.3	25.9
71	33.1	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.305 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129358.D
Acq: 26 Jul 2022 16:37

Tgt Ion: 70 Resp: 197808

Ion	Ratio	Lower	Upper
70	100		
42	45.3	52.3	78.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#

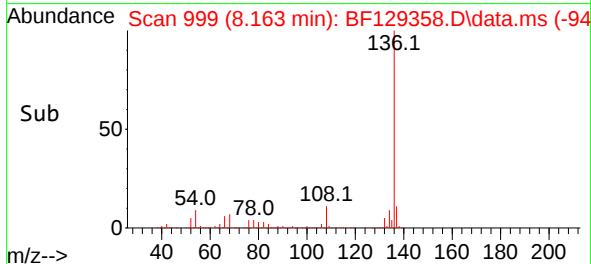
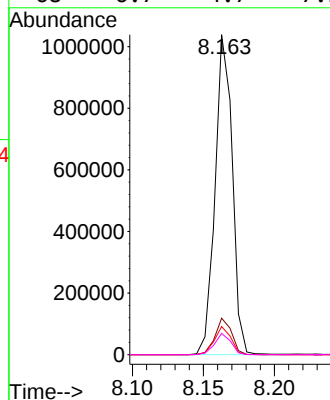
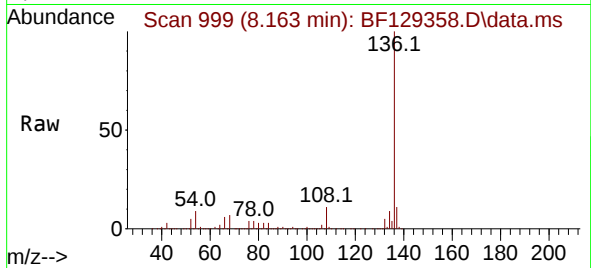




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129358.D
Acq: 26 Jul 2022 16:37

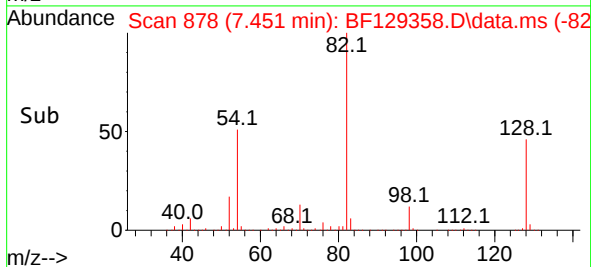
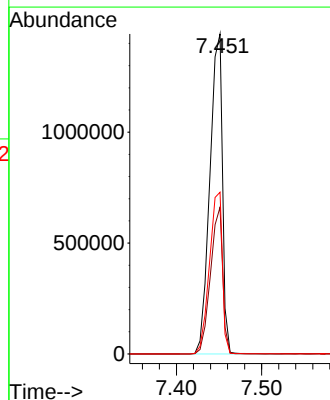
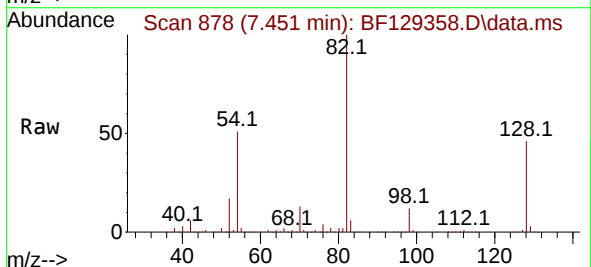
Instrument :
BNA_F
ClientSampleId :
ENV-DE-WC-1

Tgt Ion:136 Resp: 876210
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.8 7.5 11.3
68 6.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 92.256 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF129358.D
Acq: 26 Jul 2022 16:37

Tgt Ion: 82 Resp: 1480814
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 50.5 46.9 70.3

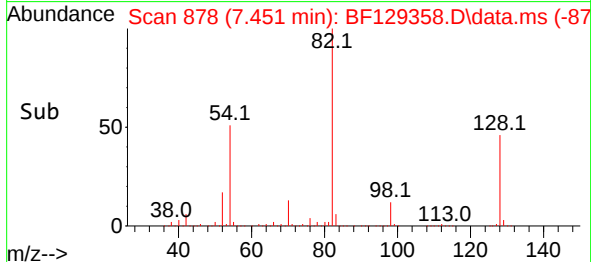
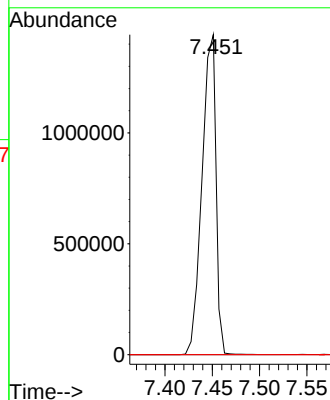
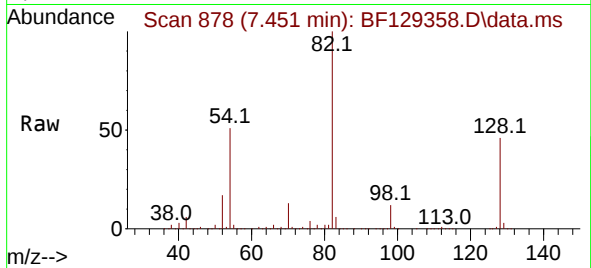




#25
Isophorone
Concen: 51.419 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129358.D
Acq: 26 Jul 2022 16:37

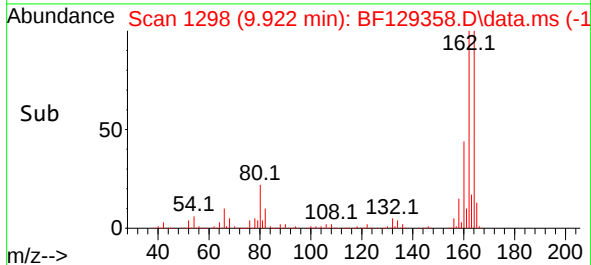
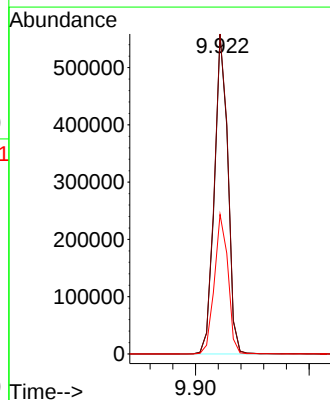
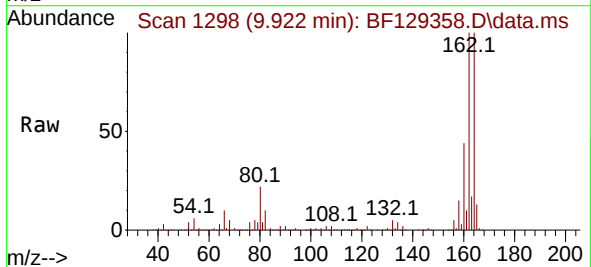
Instrument :
BNA_F
ClientSampleId :
ENV-DE-WC-1

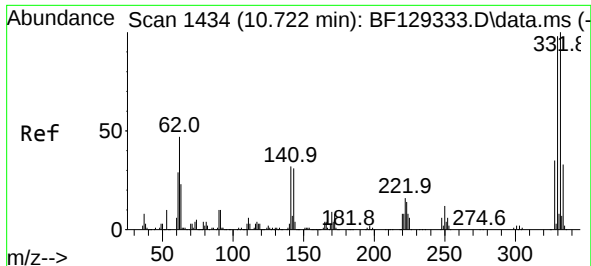
Tgt Ion: 82 Resp: 1479426
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129358.D
Acq: 26 Jul 2022 16:37

Tgt Ion:164 Resp: 458243
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 43.7 34.2 51.4

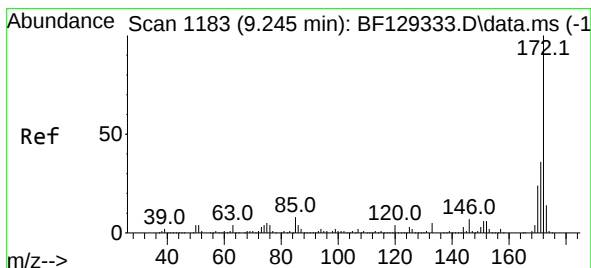
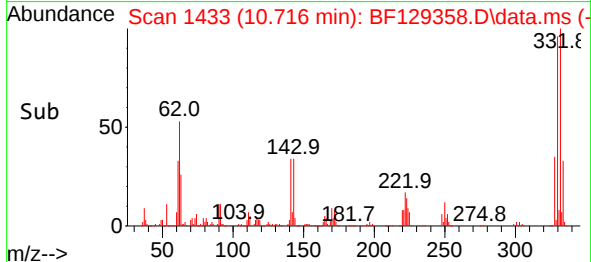
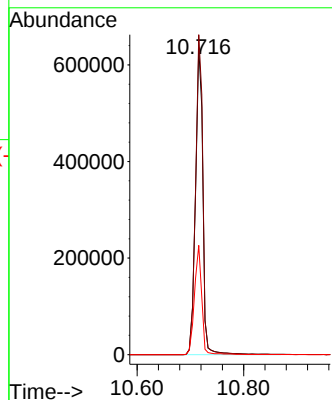
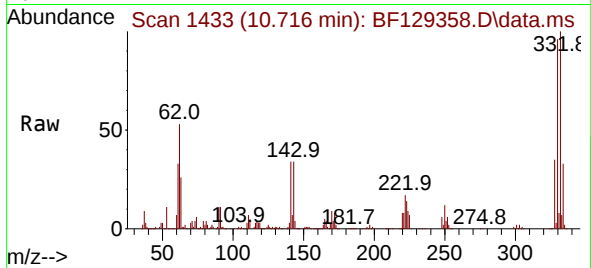




#42
2,4,6-Tribromophenol
Concen: 138.536 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129358.D
Acq: 26 Jul 2022 16:37

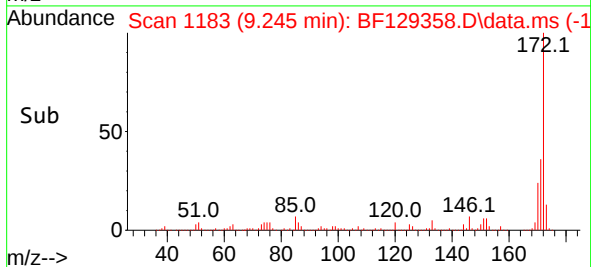
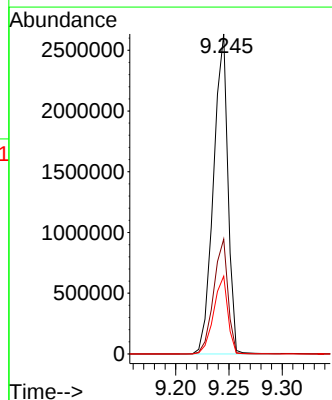
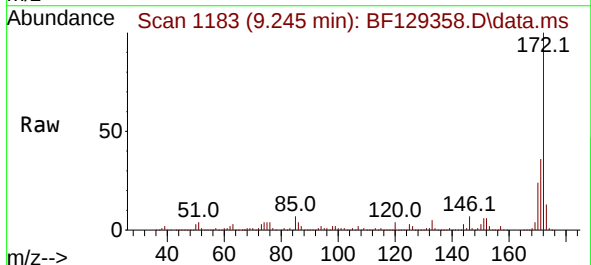
Instrument :
BNA_F
ClientSampleId :
ENV-DE-WC-1

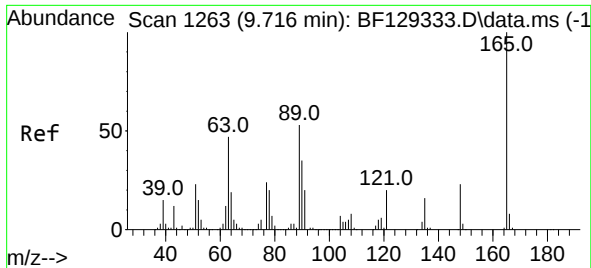
Tgt Ion:330 Resp: 610344
Ion Ratio Lower Upper
330 100
332 103.3 76.8 115.2
141 35.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 83.901 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129358.D
Acq: 26 Jul 2022 16:37

Tgt Ion:172 Resp: 2485340
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.3 19.8 29.8

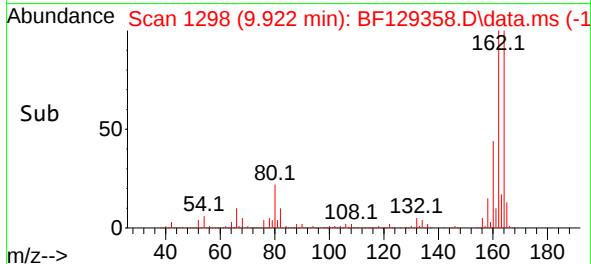
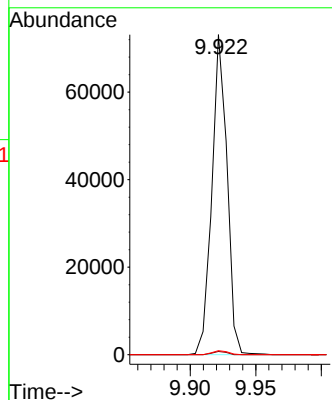
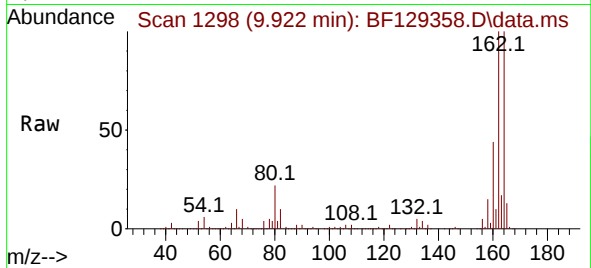




#51
2,6-Dinitrotoluene
Concen: 8.308 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129358.D
Acq: 26 Jul 2022 16:37

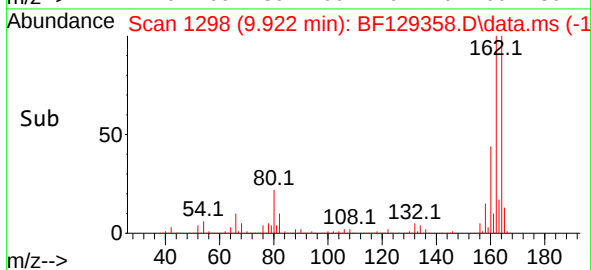
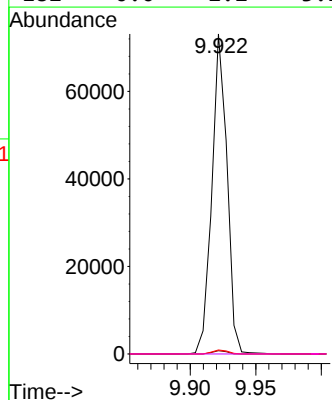
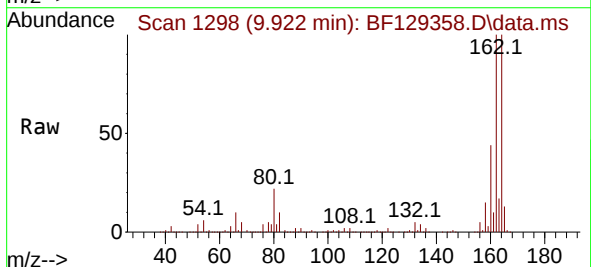
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BNA_F
ClientSampleId :
ENV-DE-WC-1

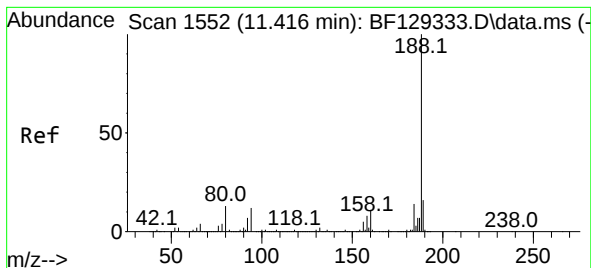
Tgt Ion:165 Resp: 58820
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.359 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129358.D
Acq: 26 Jul 2022 16:37

Tgt Ion:165 Resp: 58820
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: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129358.D

Acq: 26 Jul 2022 16:37

Instrument :

BNA_F

ClientSampleId :

ENV-DE-WC-1

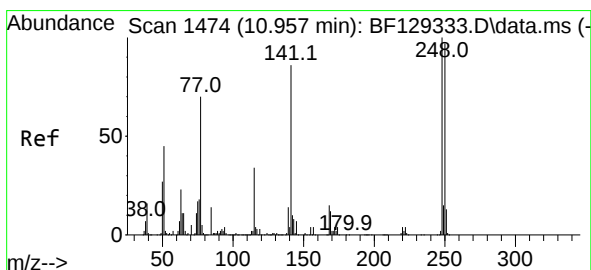
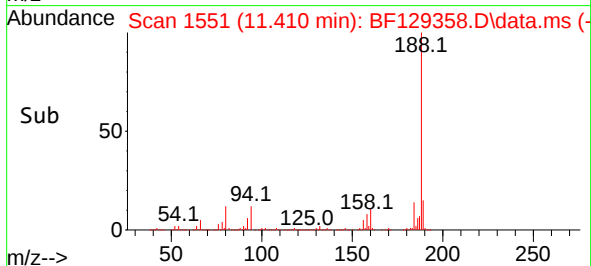
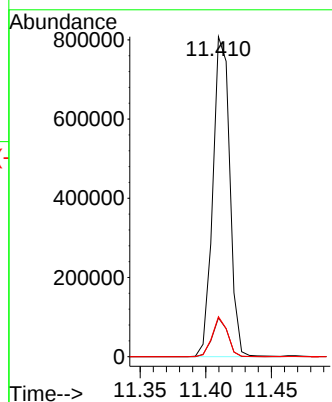
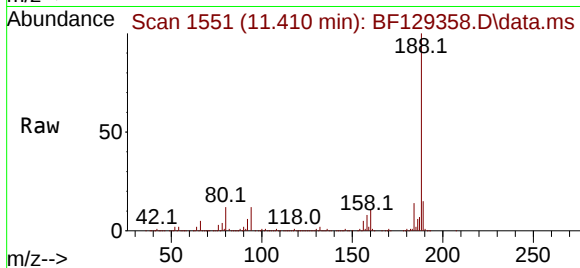
Tgt Ion:188 Resp: 725087

Ion Ratio Lower Upper

188 100

94 12.1 7.0 10.6#

80 12.5 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.816 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF129358.D

Acq: 26 Jul 2022 16:37

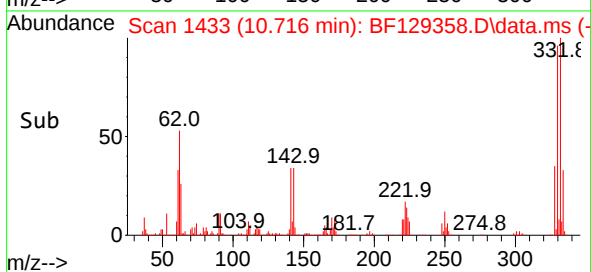
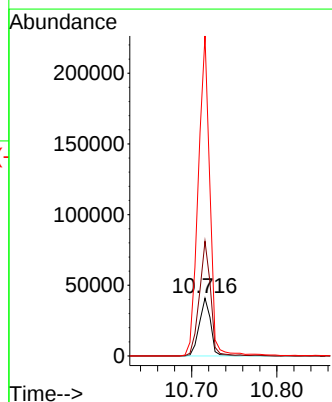
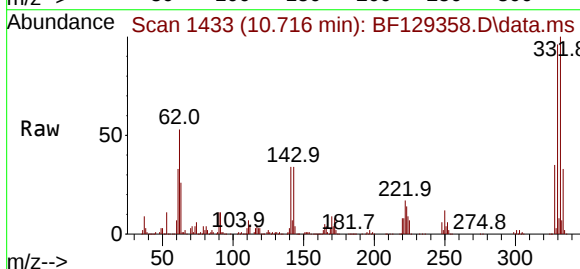
Tgt Ion:248 Resp: 38235

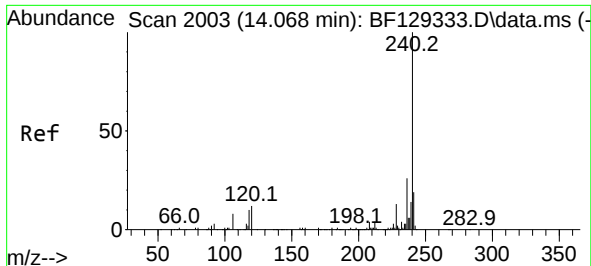
Ion Ratio Lower Upper

248 100

250 198.6 80.6 120.8#

141 554.3 58.9 88.3#

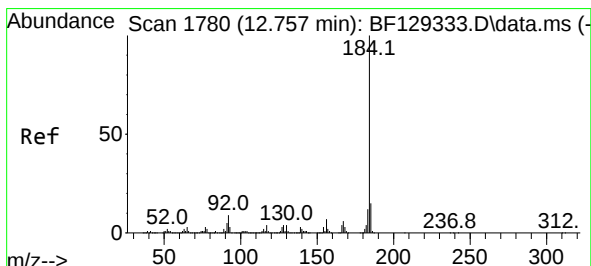
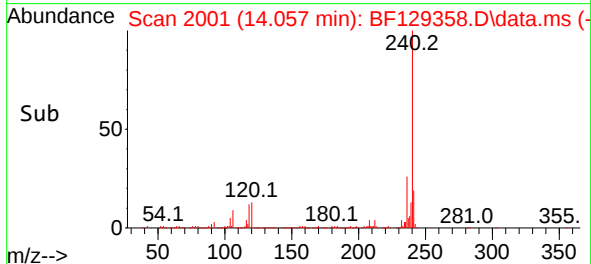
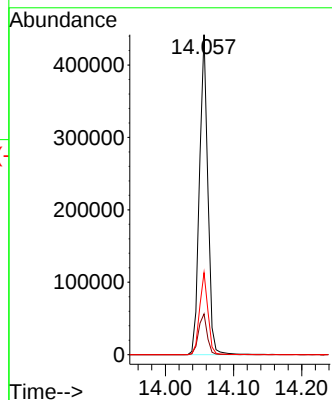
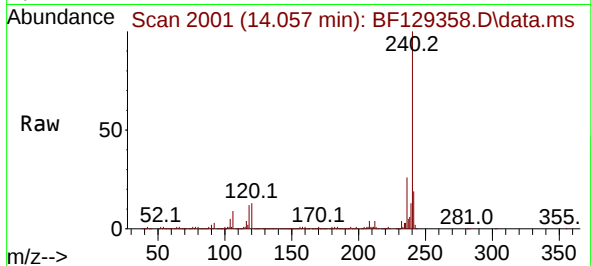




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129358.D
Acq: 26 Jul 2022 16:37

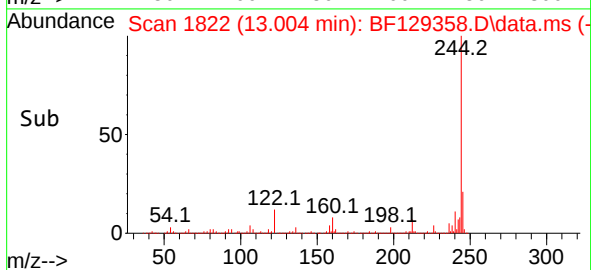
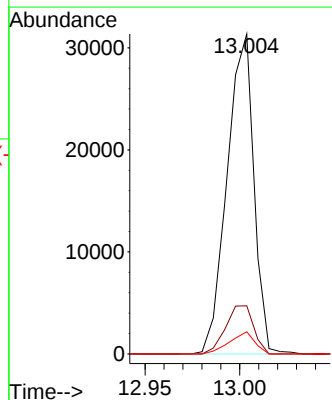
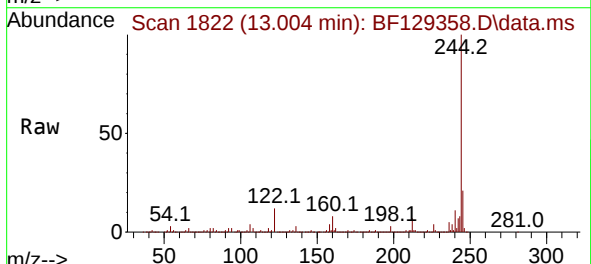
Instrument :
BNA_F
ClientSampleId :
ENV-DE-WC-1

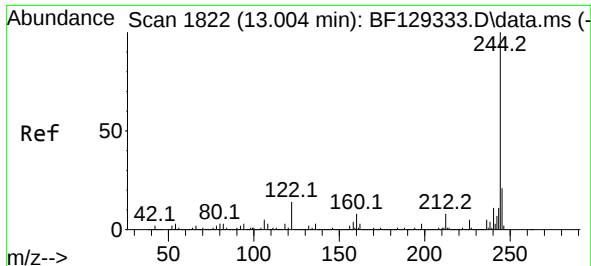
Tgt Ion:240 Resp: 375784
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 25.7 20.8 31.2



#77
Benzidine
Concen: 2.316 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129358.D
Acq: 26 Jul 2022 16:37

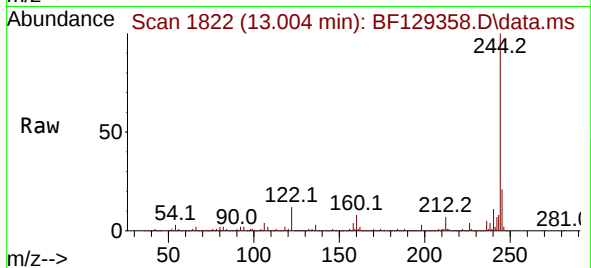
Tgt Ion:184 Resp: 30752
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 7.0 9.3 13.9#



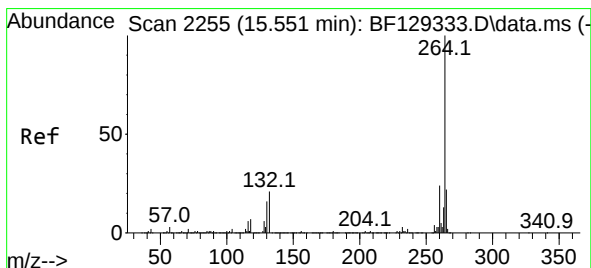
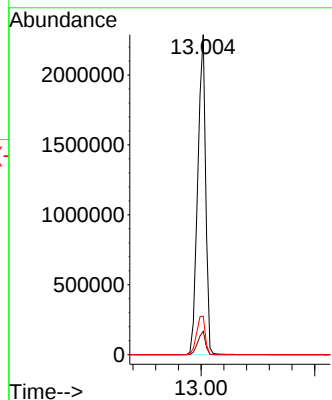
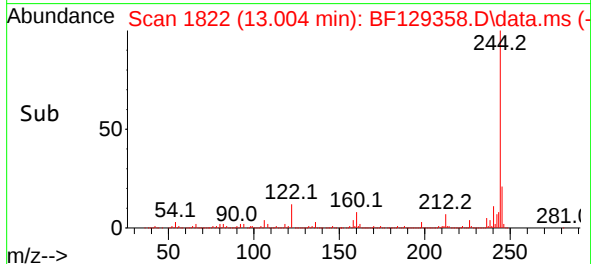


#79
 Terphenyl-d14
 Concen: 111.929 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129358.D
 Acq: 26 Jul 2022 16:37

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-WC-1



Tgt Ion:244 Resp: 2229493
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. -0.006 min
 Lab File: BF129358.D
 Acq: 26 Jul 2022 16:37

Tgt Ion:264 Resp: 438397
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.8 17.2 25.8

