

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129355.D
 Acq On : 26 Jul 2022 15:00
 Operator : CG\JU
 Sample : N3839-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-1-(10-15)

Quant Time: Jul 27 00:39:34 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)

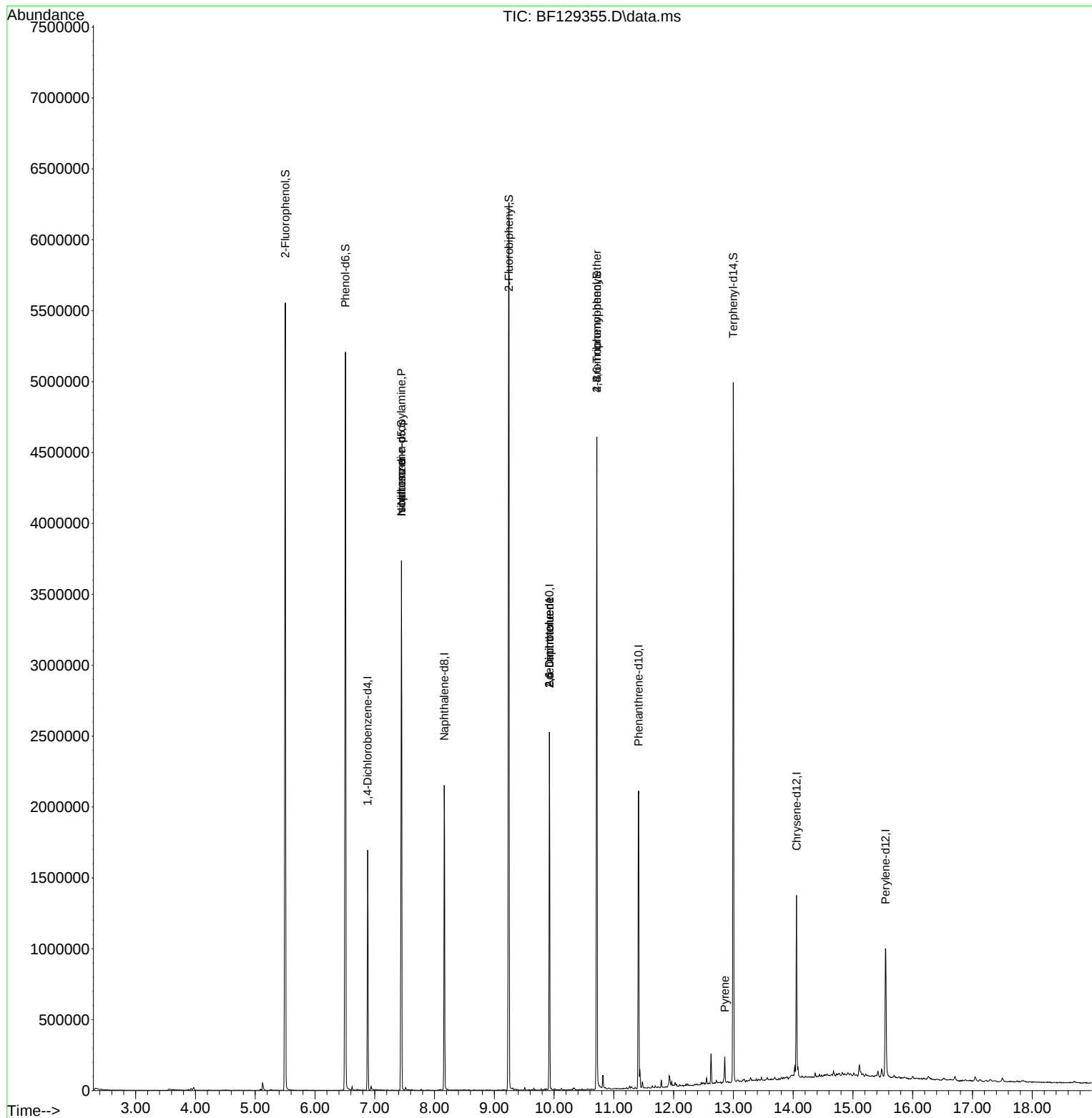
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	229317	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	913326	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	481093	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	776397	20.000	ng	0.00
76) Chrysene-d12	14.057	240	384636	20.000	ng	-0.01
86) Perylene-d12	15.545	264	416957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1508444	107.155	ng	0.00
7) Phenol-d6	6.510	99	2007040	113.429	ng	0.00
23) Nitrobenzene-d5	7.445	82	1207107	72.148	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	512853	110.879	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2040361	65.608	ng	0.00
79) Terphenyl-d14	12.998	244	1707911	83.770	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	158555	14.802	ng	Qvalue 72
25) Isophorone	7.445	82	1206072	40.215	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	63287	8.514	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	63287	6.517	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	32475	3.820	ng	# 1
78) Pyrene	12.857	202	65589	2.039	ng	97

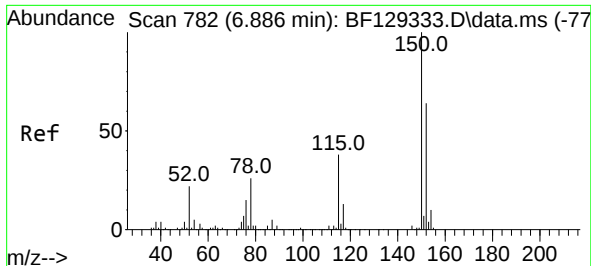
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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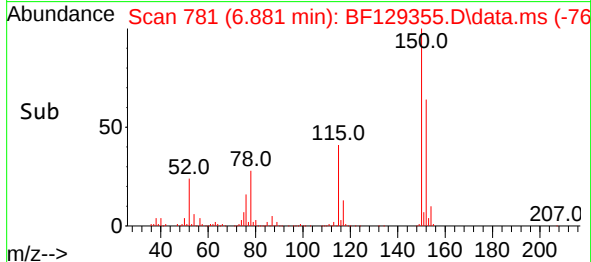
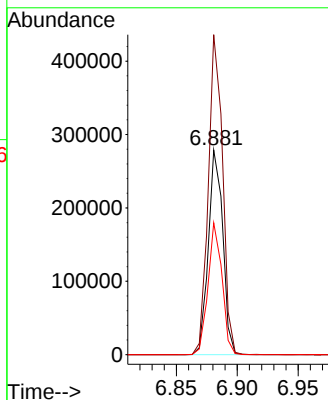
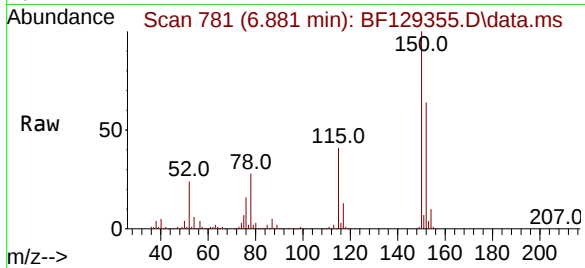




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129355.D
Acq: 26 Jul 2022 15:00

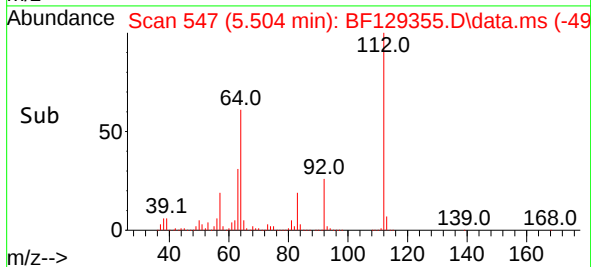
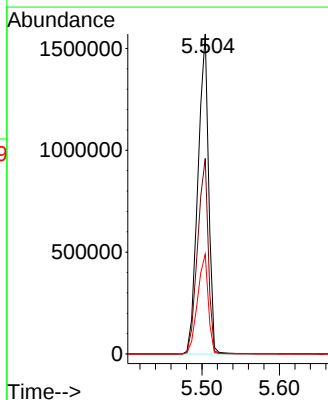
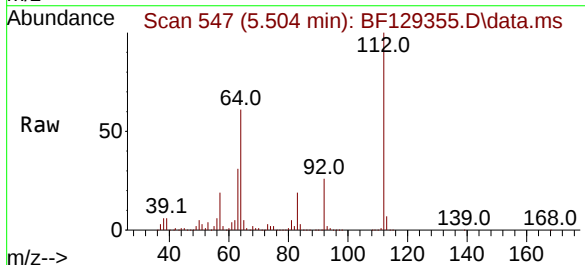
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)

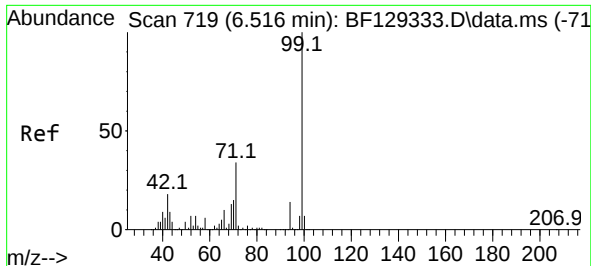
Tgt Ion:152 Resp: 229317
Ion Ratio Lower Upper
152 100
150 156.3 123.7 185.5
115 64.4 49.9 74.9



#5
2-Fluorophenol
Concen: 107.155 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF129355.D
Acq: 26 Jul 2022 15:00

Tgt Ion:112 Resp: 1508444
Ion Ratio Lower Upper
112 100
64 61.1 53.3 79.9
63 31.2 28.0 42.0

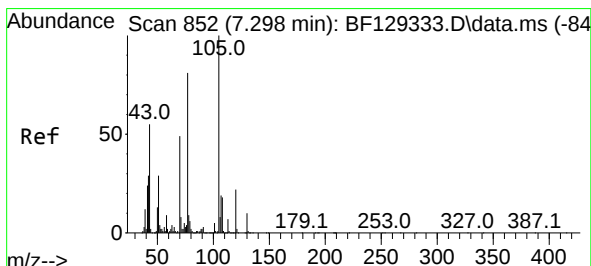
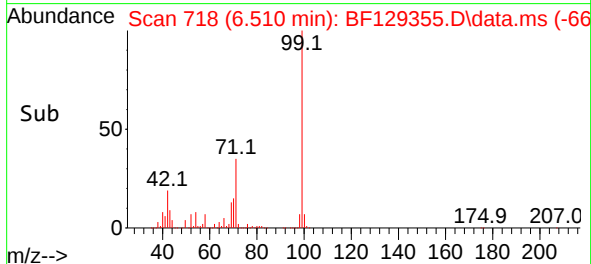
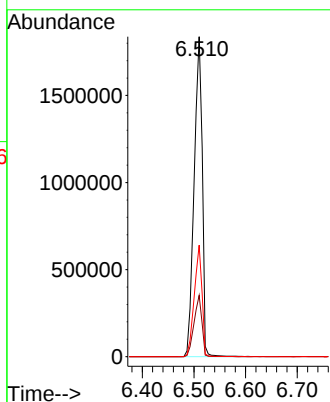
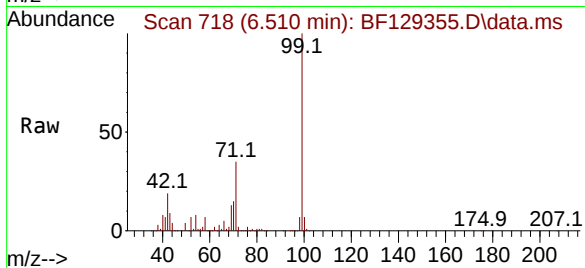




#7
Phenol-d6
Concen: 113.429 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129355.D
Acq: 26 Jul 2022 15:00

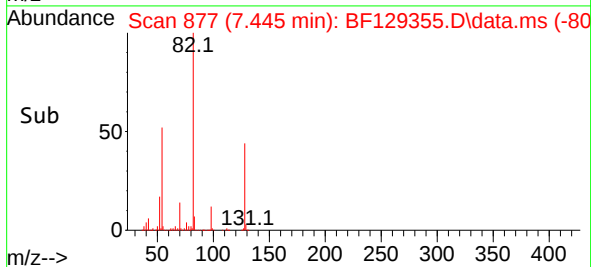
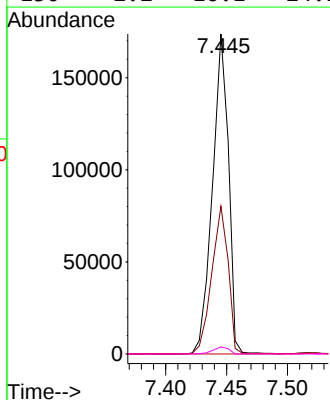
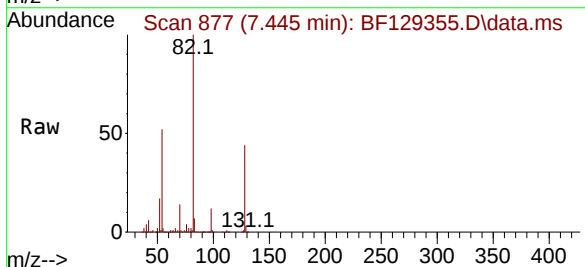
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)

Tgt Ion: 99 Resp: 2007040
Ion Ratio Lower Upper
99 100
42 19.2 17.3 25.9
71 34.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.802 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129355.D
Acq: 26 Jul 2022 15:00

Tgt Ion: 70 Resp: 158555
Ion Ratio Lower Upper
70 100
42 46.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



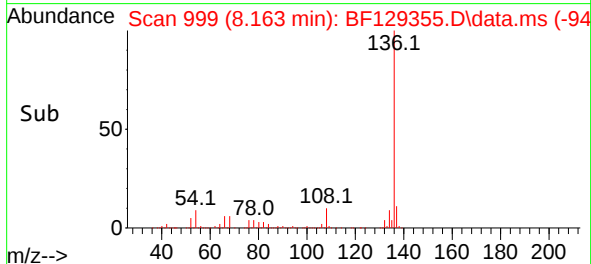
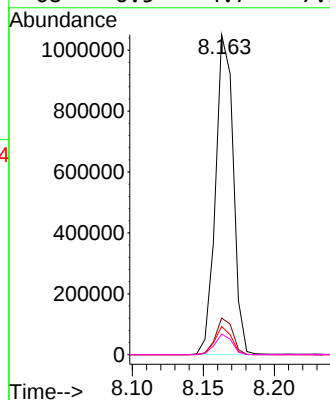
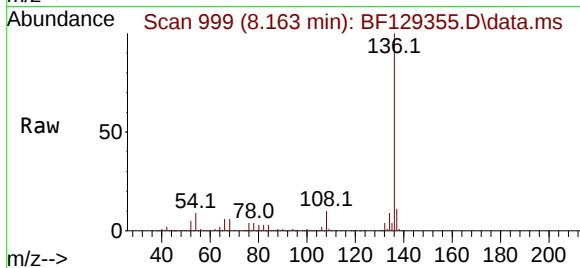


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129355.D
Acq: 26 Jul 2022 15:00

Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)

Tgt Ion:136 Resp: 913326

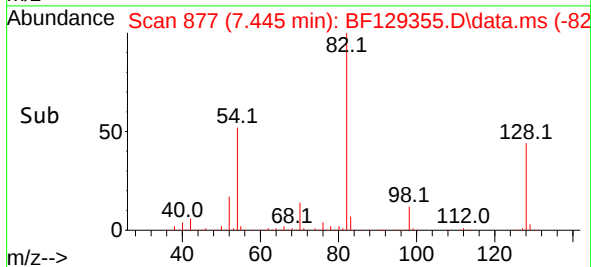
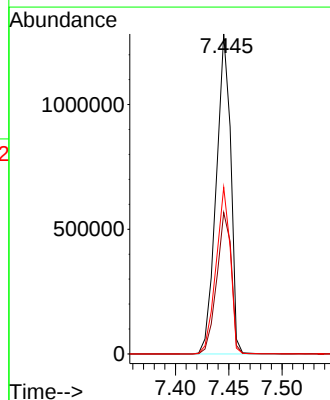
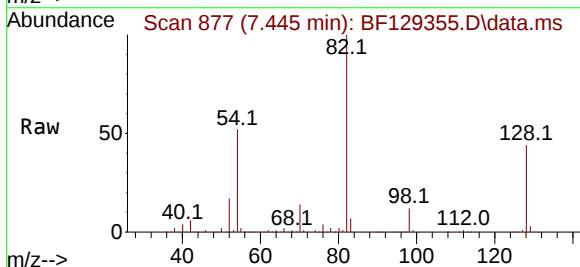
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.8	7.5	11.3
68	6.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 72.148 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129355.D
Acq: 26 Jul 2022 15:00

Tgt Ion: 82 Resp: 1207107

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	52.1	46.9	70.3

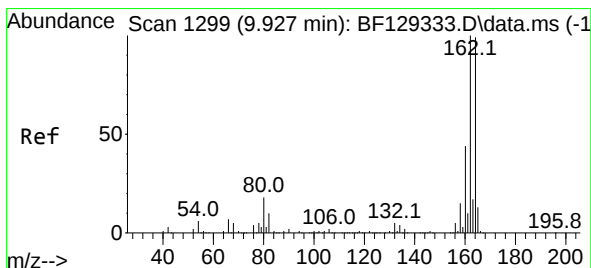
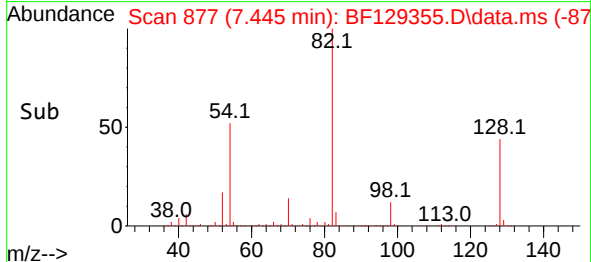
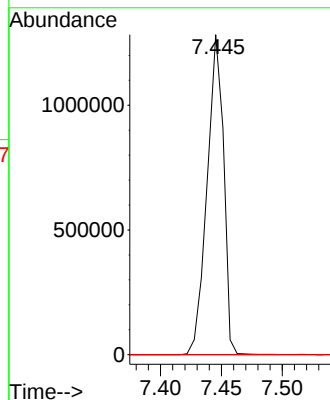
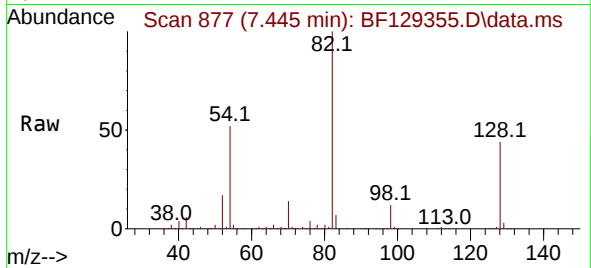




#25
Isophorone
Concen: 40.215 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129355.D
Acq: 26 Jul 2022 15:00

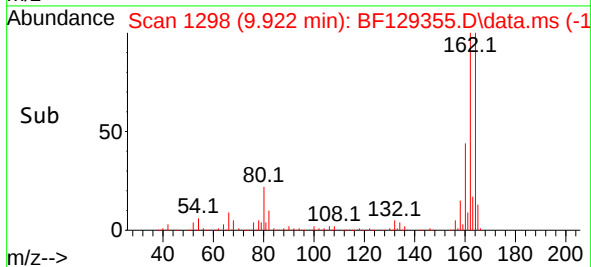
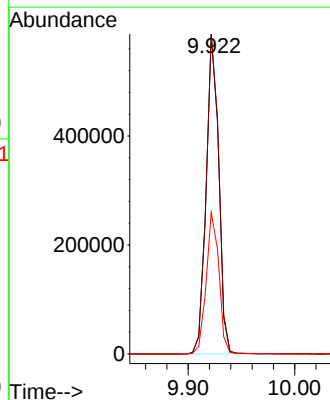
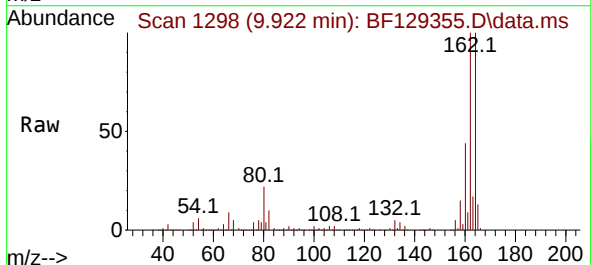
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)

Tgt Ion: 82 Resp: 1206072
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: BF129355.D
Acq: 26 Jul 2022 15:00

Tgt Ion:164 Resp: 481093
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 110.879 ng

RT: 10.716 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129355.D

Acq: 26 Jul 2022 15:00

Instrument :

BNA_F

ClientSampleId :

ENV-DE-1-(10-15)

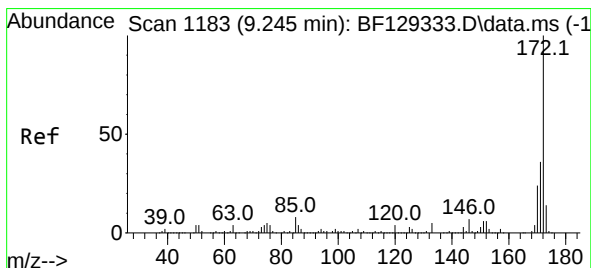
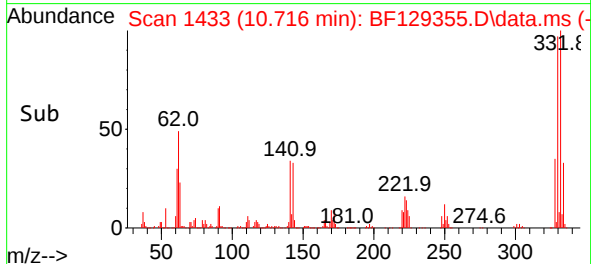
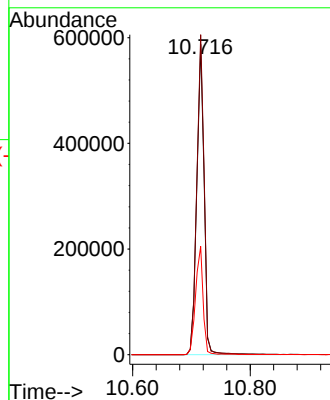
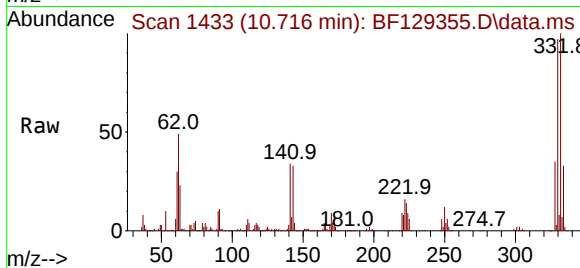
Tgt Ion:330 Resp: 512853

Ion Ratio Lower Upper

330 100

332 103.0 76.8 115.2

141 35.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 65.608 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129355.D

Acq: 26 Jul 2022 15:00

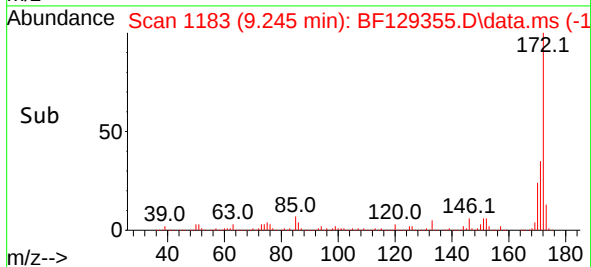
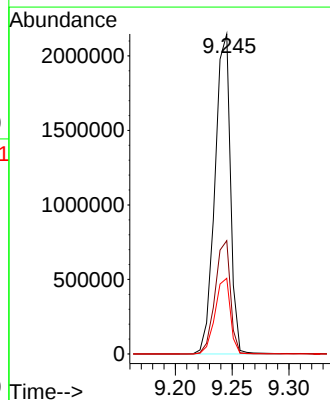
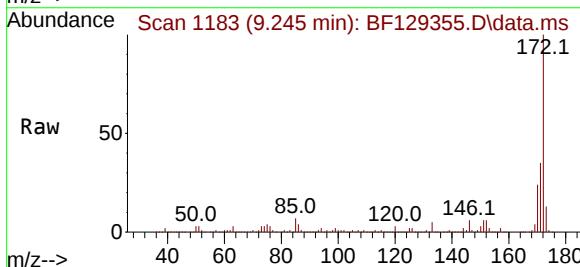
Tgt Ion:172 Resp: 2040361

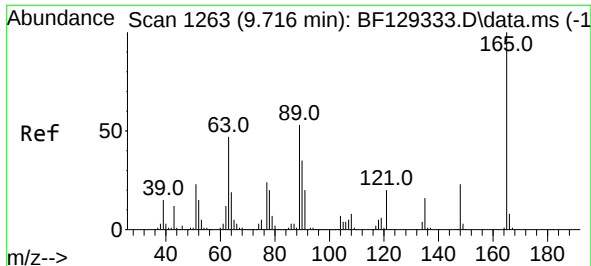
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.7 19.8 29.8

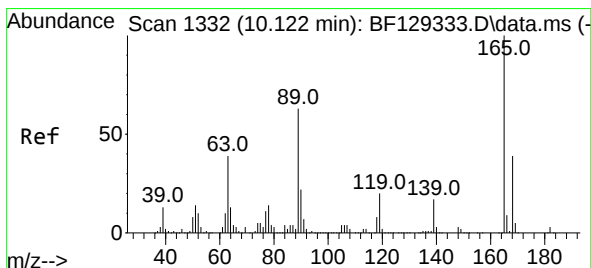
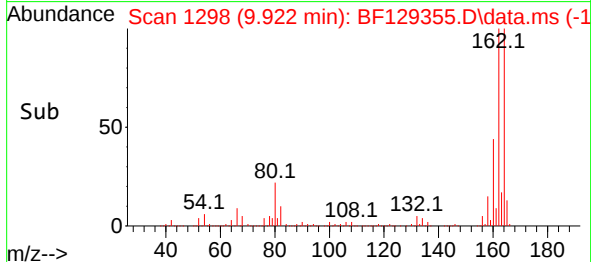
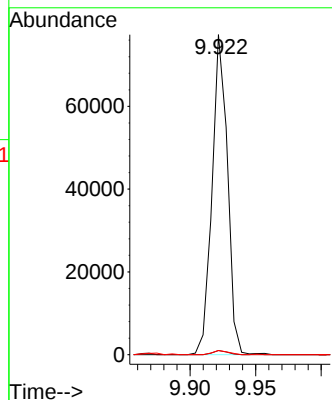
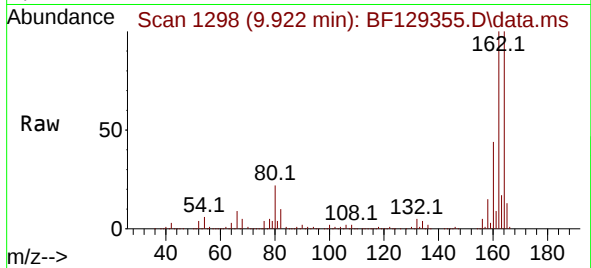




#51
2,6-Dinitrotoluene
Concen: 8.514 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129355.D
Acq: 26 Jul 2022 15:00

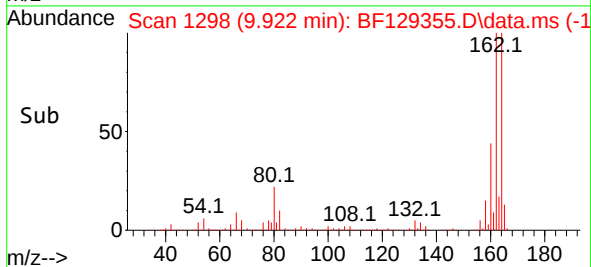
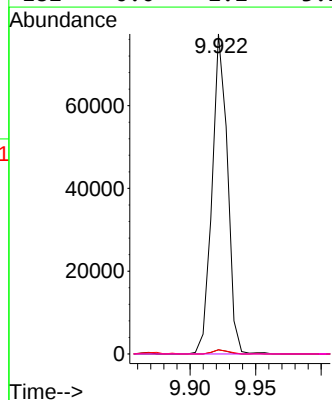
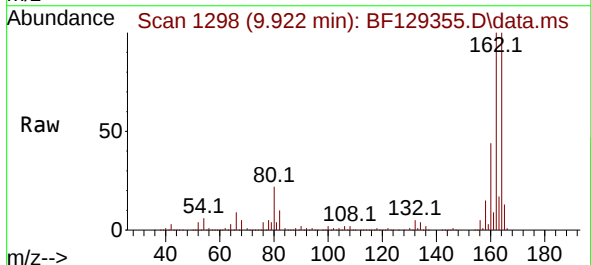
Instrument :
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ENV-DE-1-(10-15)

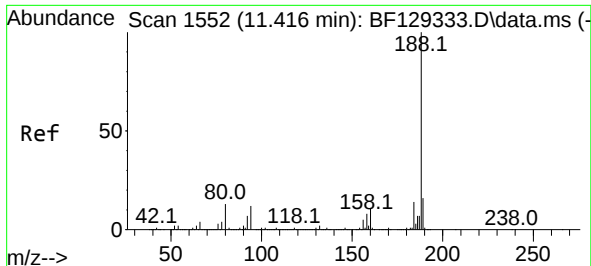
Tgt Ion:165 Resp: 63287
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.517 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129355.D
Acq: 26 Jul 2022 15:00

Tgt Ion:165 Resp: 63287
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

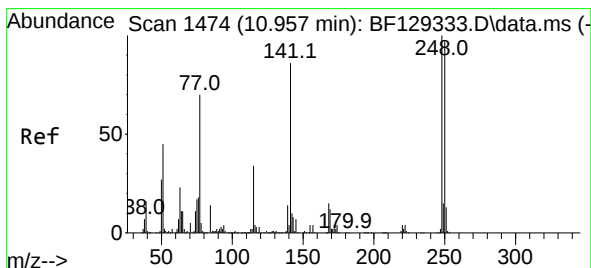
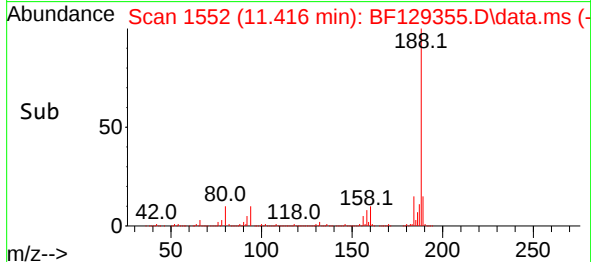
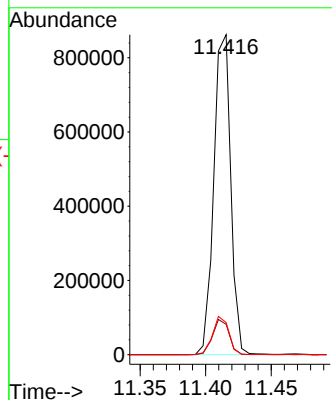
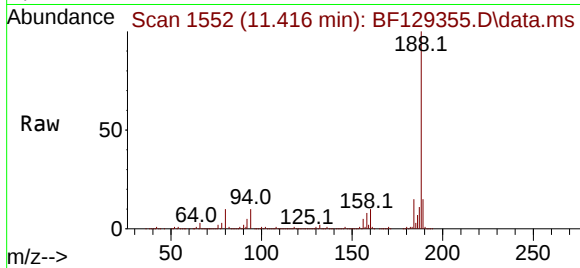




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129355.D
Acq: 26 Jul 2022 15:00

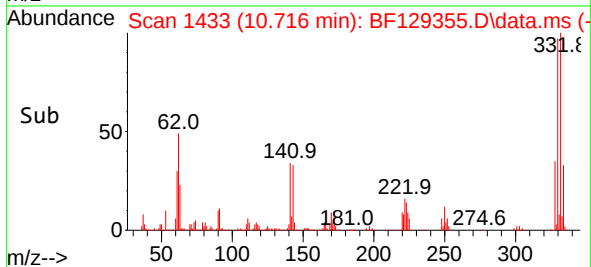
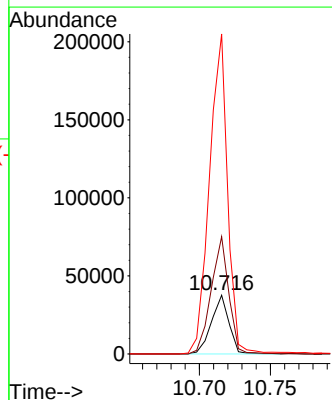
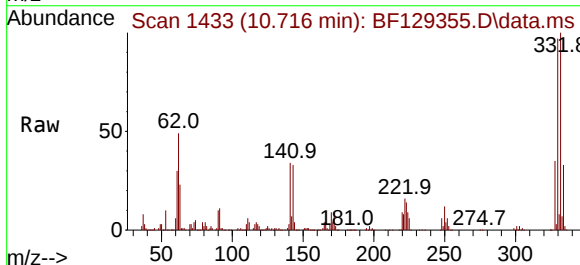
Instrument :
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ENV-DE-1-(10-15)

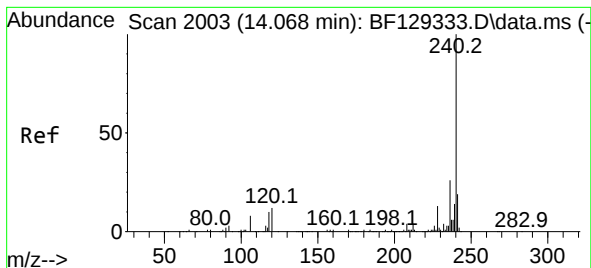
Tgt Ion:188 Resp: 776397
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.820 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129355.D
Acq: 26 Jul 2022 15:00

Tgt Ion:248 Resp: 32475
Ion Ratio Lower Upper
248 100
250 199.6 80.6 120.8#
141 544.4 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: BF129355.D

Acq: 26 Jul 2022 15:00

Instrument :

BNA_F

ClientSampleId :

ENV-DE-1-(10-15)

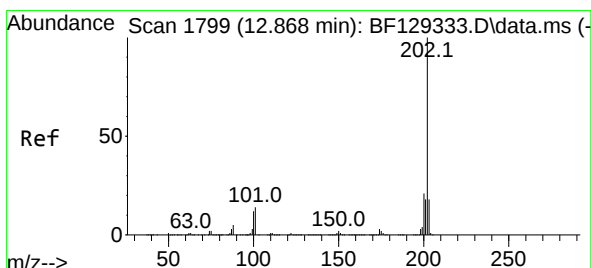
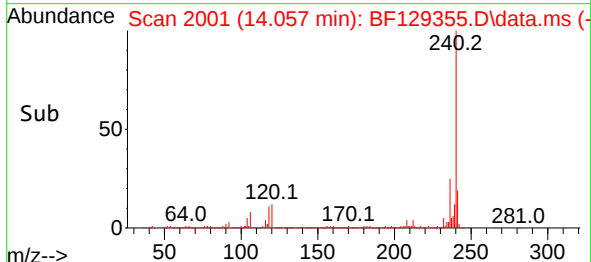
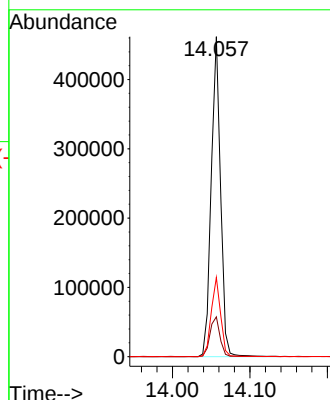
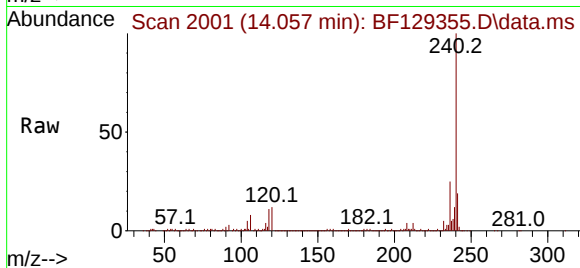
Tgt Ion:240 Resp: 384636

Ion Ratio Lower Upper

240 100

120 12.5 8.9 13.3

236 24.7 20.8 31.2



#78

Pyrene

Concen: 2.039 ng

RT: 12.857 min Scan# 1797

Delta R.T. -0.012 min

Lab File: BF129355.D

Acq: 26 Jul 2022 15:00

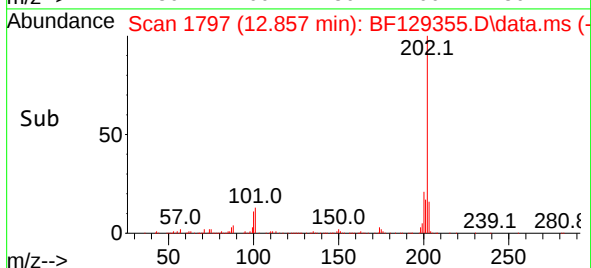
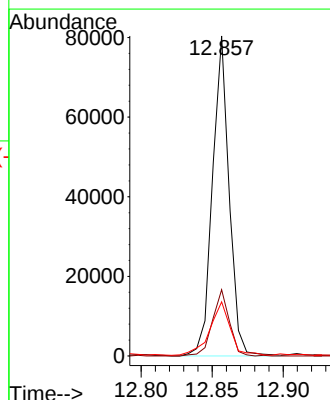
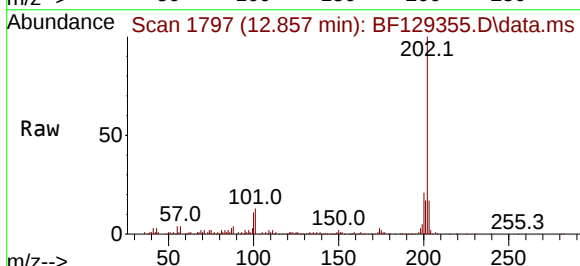
Tgt Ion:202 Resp: 65589

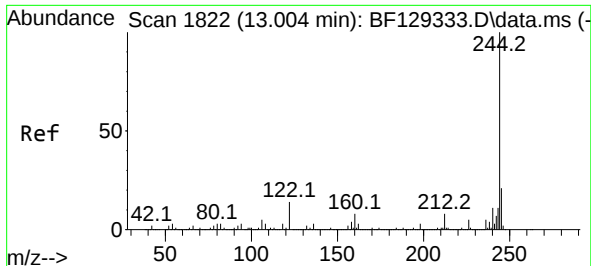
Ion Ratio Lower Upper

202 100

200 20.7 17.7 26.5

203 16.9 14.6 21.8

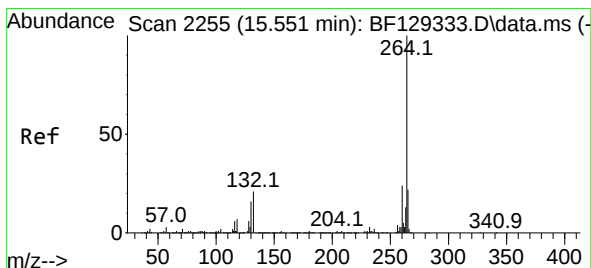
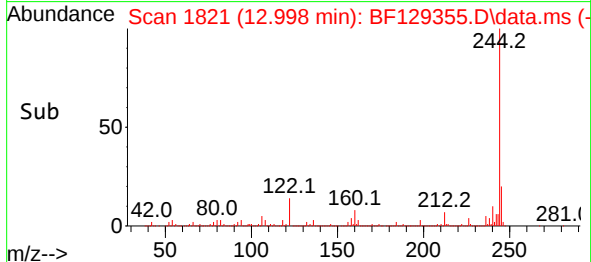
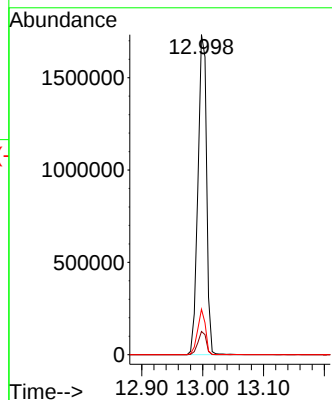
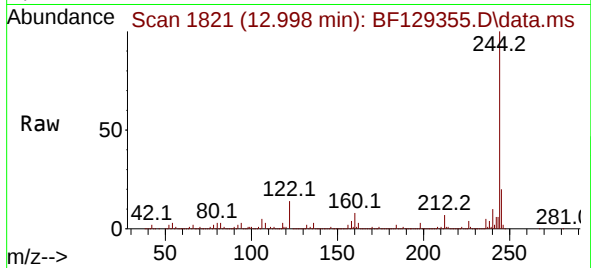




#79
 Terphenyl-d14
 Concen: 83.770 ng
 RT: 12.998 min Scan# 1821
 Delta R.T. -0.006 min
 Lab File: BF129355.D
 Acq: 26 Jul 2022 15:00

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-1-(10-15)

Tgt Ion:244 Resp: 1707911
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 14.2 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: BF129355.D
 Acq: 26 Jul 2022 15:00

Tgt Ion:264 Resp: 416957
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.5 17.2 25.8

