

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129251.D
 Acq On : 15 Jul 2022 22:03
 Operator : CG\JU
 Sample : N3652-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED-7-(6-12)

Quant Time: Jul 16 01:43:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

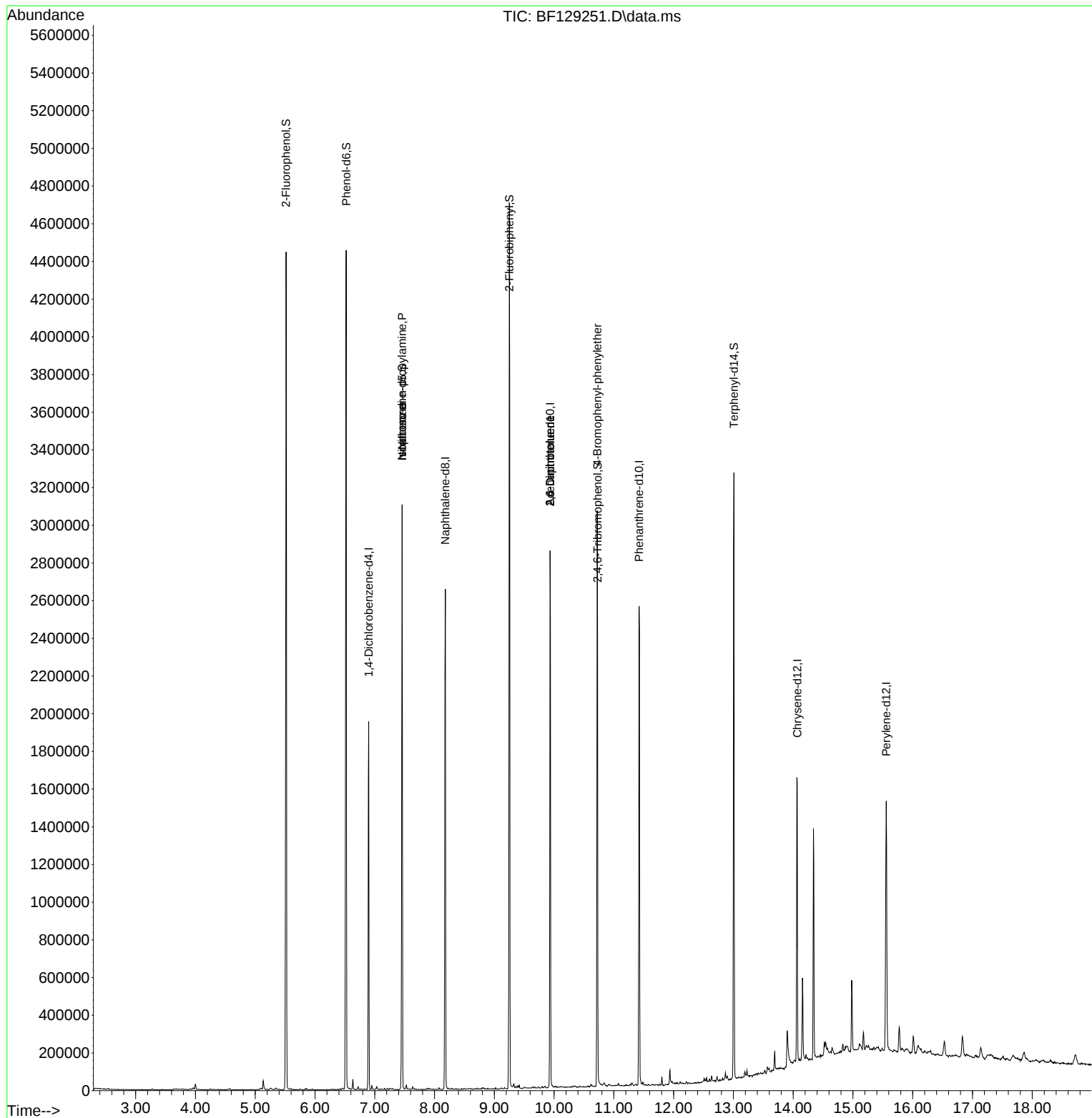
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	274832	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1133031	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	579332	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	920816	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	535912	20.000	ng	0.00
86) Perylene-d12	15.557	264	562440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1186031	68.921	ng	0.00
7) Phenol-d6	6.522	99	1500799	67.431	ng	0.00
23) Nitrobenzene-d5	7.457	82	939021	44.301	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	321610	59.810	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1417727	41.460	ng	-0.01
79) Terphenyl-d14	13.010	244	1038419	36.248	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	125984	9.624	ng	# 74
25) Isophorone	7.457	82	937437	26.315	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	76689	9.427	ng	# 25
57) 2,4-Dinitrotoluene	9.933	165	76690	7.189	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	20669	2.132	ng	# 1

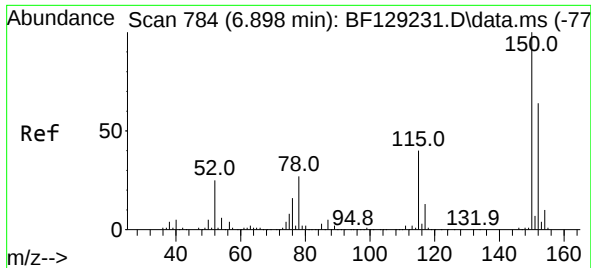
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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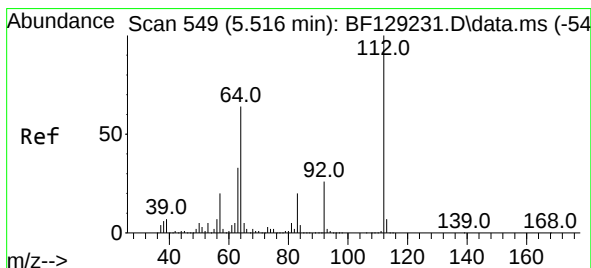
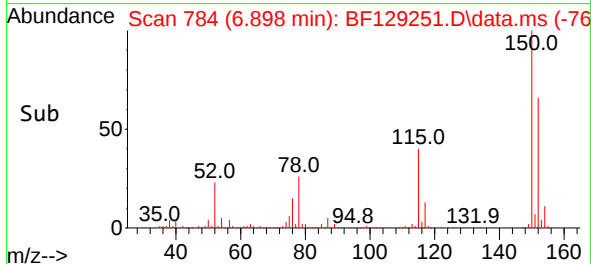
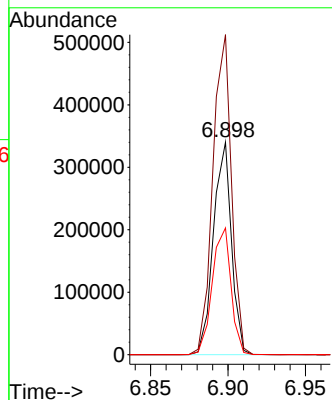
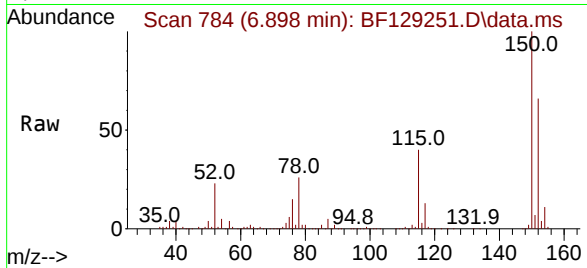




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: BF129251.D
 Acq: 15 Jul 2022 22:03

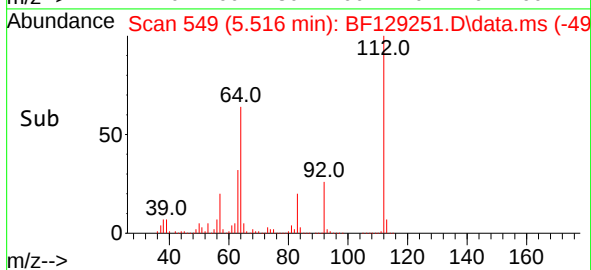
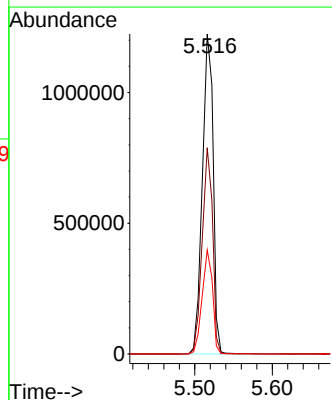
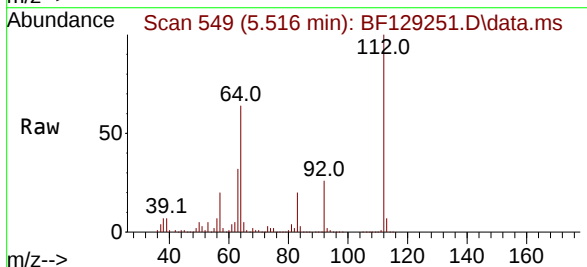
Instrument :
 BNA_F
 ClientSampleId :
 SED-7-(6-12)

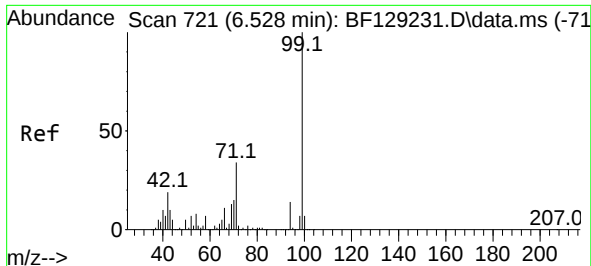
Tgt Ion:152 Resp: 274832
 Ion Ratio Lower Upper
 152 100
 150 150.6 123.7 185.5
 115 59.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 68.921 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.000 min
 Lab File: BF129251.D
 Acq: 15 Jul 2022 22:03

Tgt Ion:112 Resp: 1186031
 Ion Ratio Lower Upper
 112 100
 64 64.4 53.3 79.9
 63 32.5 28.0 42.0

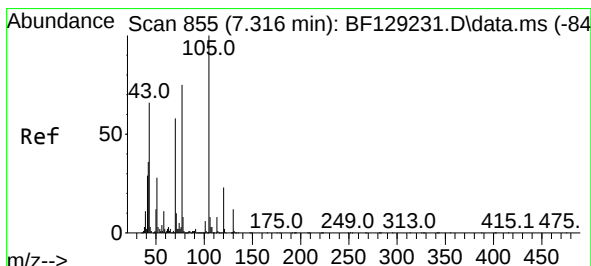
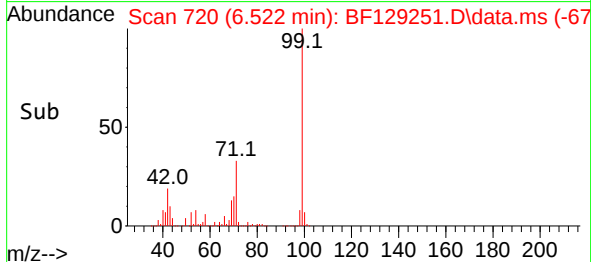
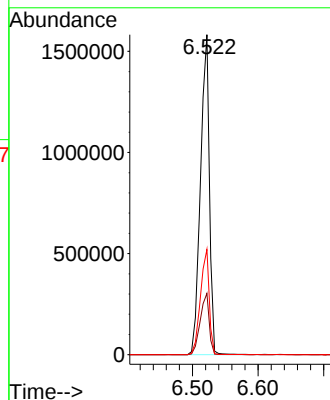
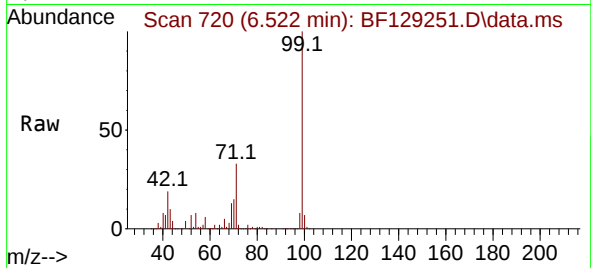




#7
Phenol-d6
Concen: 67.431 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129251.D
Acq: 15 Jul 2022 22:03

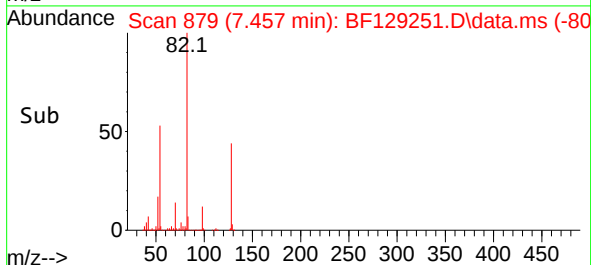
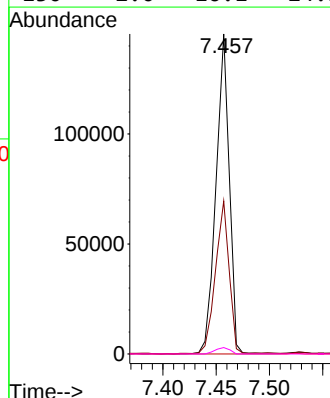
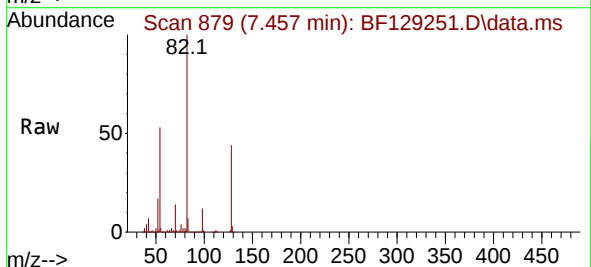
Instrument :
BNA_F
ClientSampleId :
SED-7-(6-12)

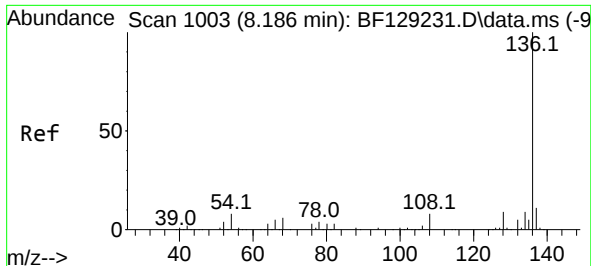
Tgt Ion: 99 Resp: 1500799
Ion Ratio Lower Upper
99 100
42 19.2 17.3 25.9
71 32.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.624 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF129251.D
Acq: 15 Jul 2022 22:03

Tgt Ion: 70 Resp: 125984
Ion Ratio Lower Upper
70 100
42 47.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

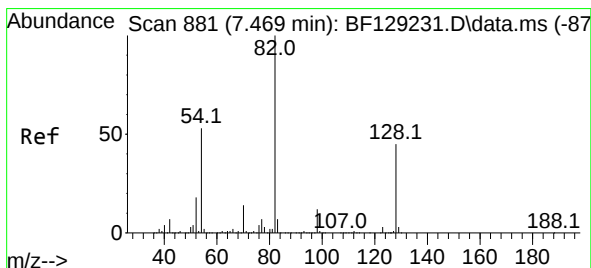
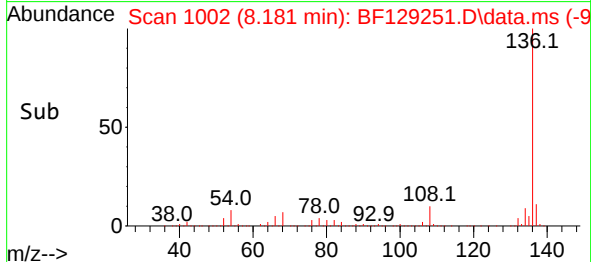
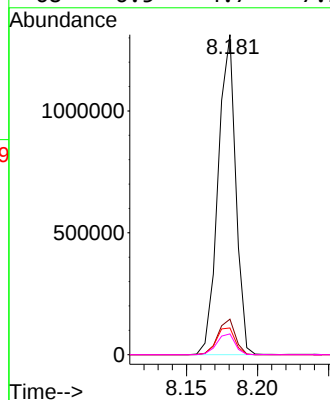
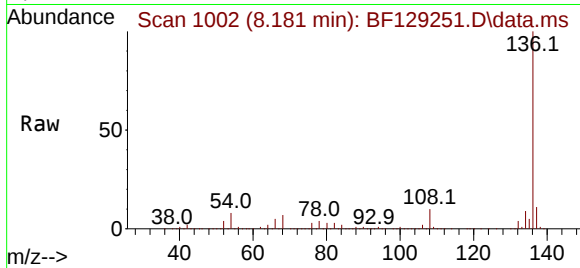




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129251.D
Acq: 15 Jul 2022 22:03

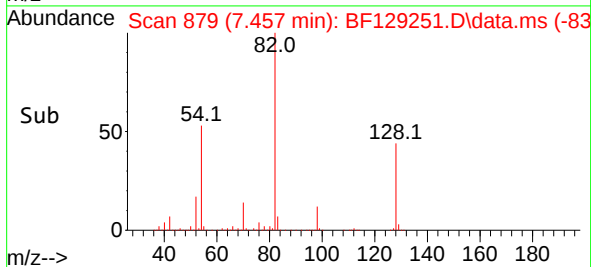
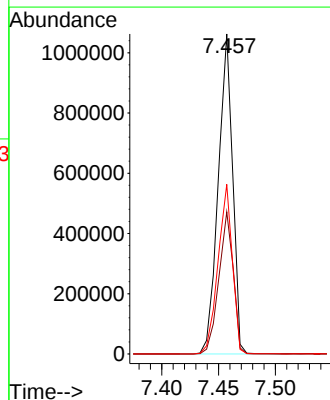
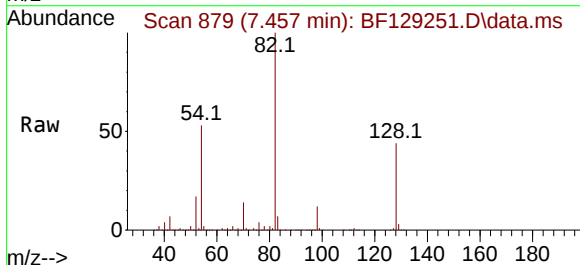
Instrument :
BNA_F
ClientSampleId :
SED-7-(6-12)

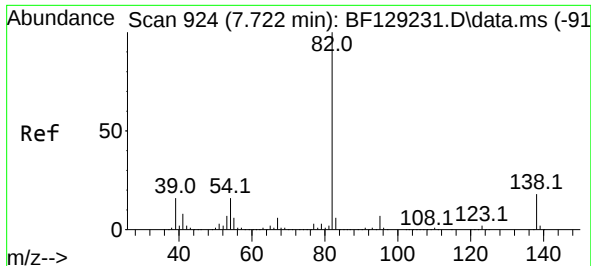
Tgt Ion:136 Resp: 1133031
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 44.301 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF129251.D
Acq: 15 Jul 2022 22:03

Tgt Ion: 82 Resp: 939021
Ion Ratio Lower Upper
82 100
128 44.4 34.0 51.0
54 53.0 46.9 70.3

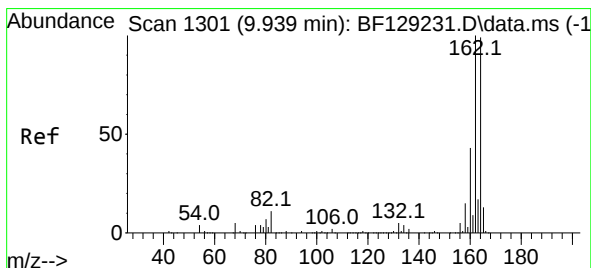
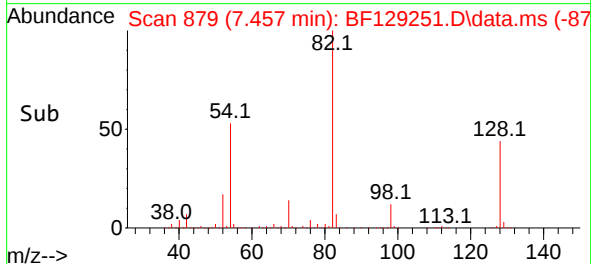
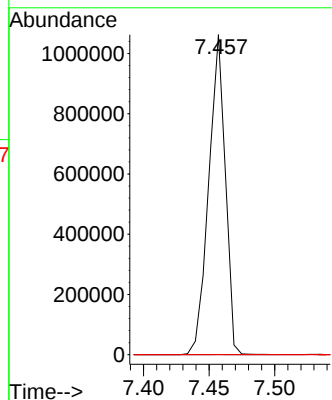
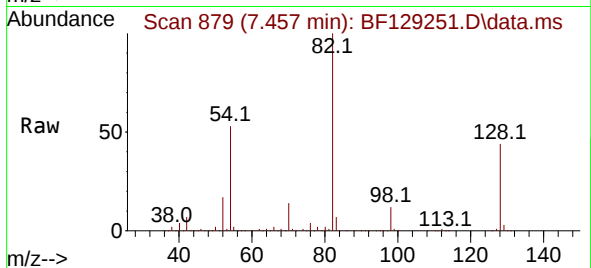




#25
Isophorone
Concen: 26.315 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129251.D
Acq: 15 Jul 2022 22:03

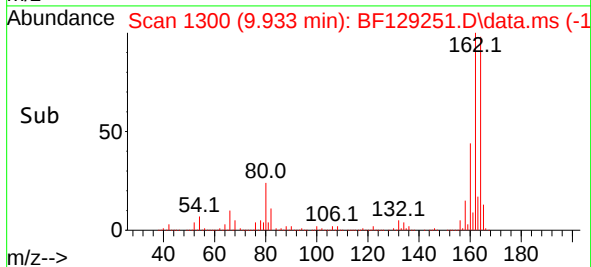
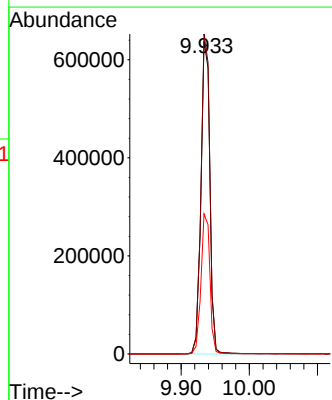
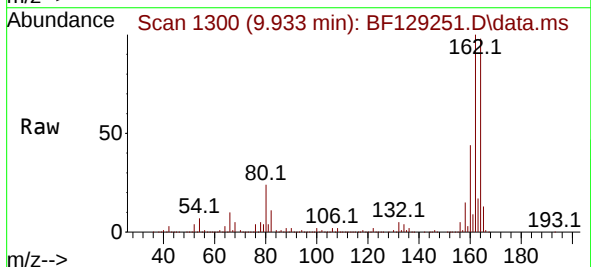
Instrument :
BNA_F
ClientSampleId :
SED-7-(6-12)

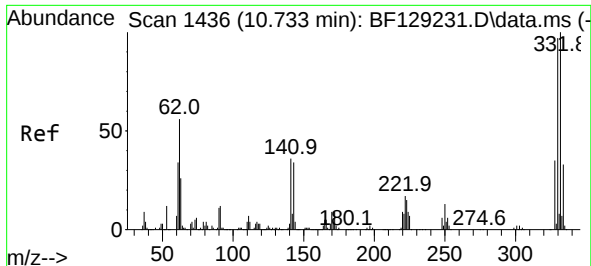
Tgt Ion: 82 Resp: 937437
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129251.D
Acq: 15 Jul 2022 22:03

Tgt Ion:164 Resp: 579332
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 59.810 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF129251.D

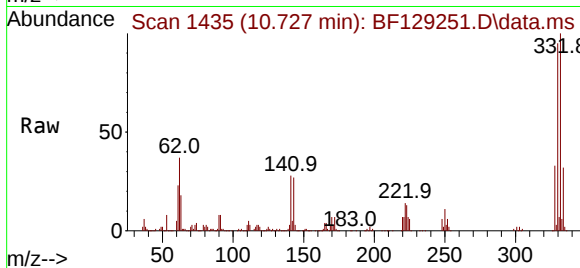
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Instrument :

BNA_F

ClientSampleId :

SED-7-(6-12)



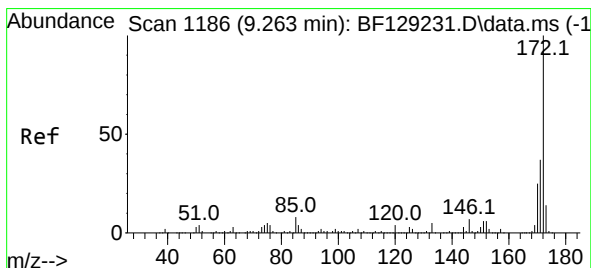
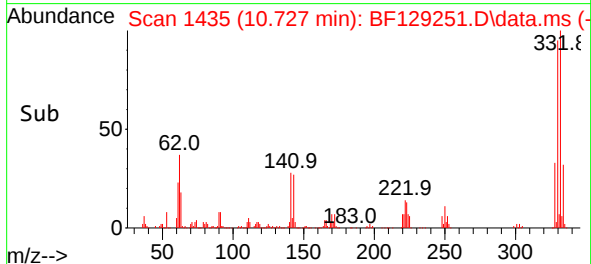
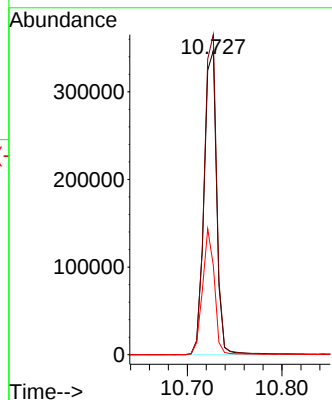
Tgt Ion:330 Resp: 321610

Ion Ratio Lower Upper

330 100

332 104.7 76.8 115.2

141 39.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 41.460 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF129251.D

Acq: 15 Jul 2022 22:03

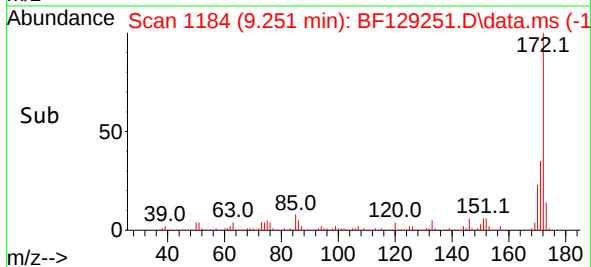
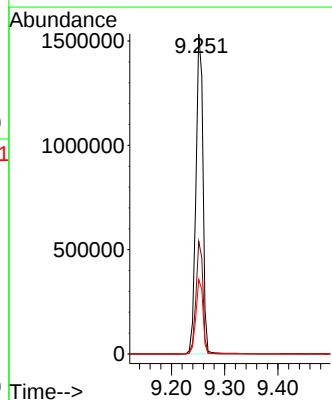
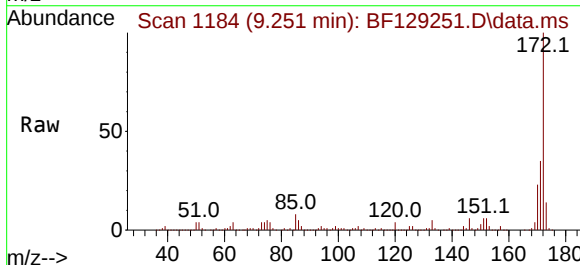
Tgt Ion:172 Resp: 1417727

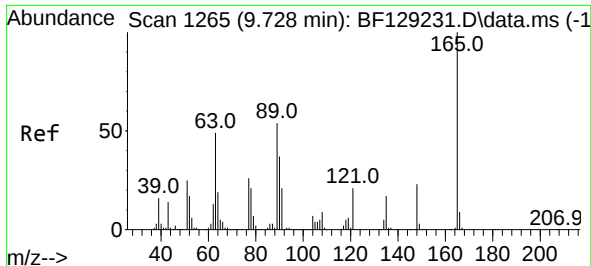
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.3 19.8 29.8

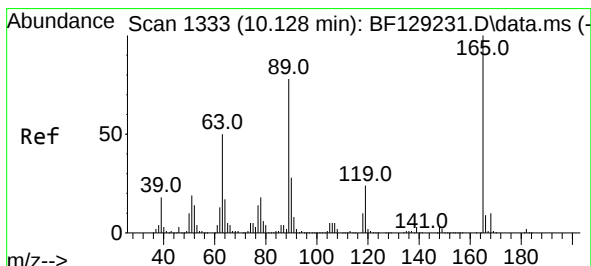
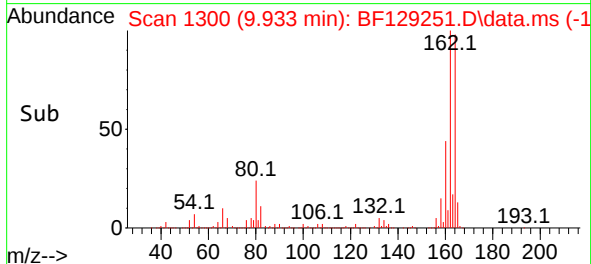
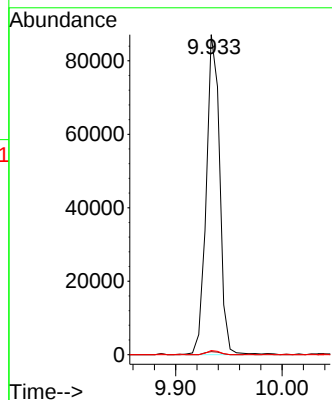
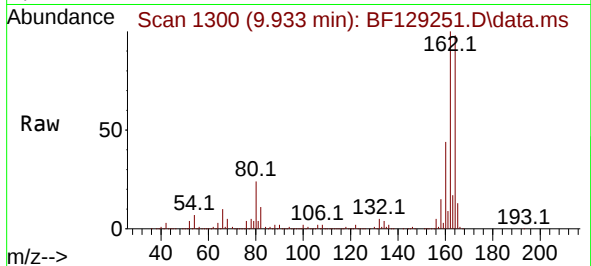




#51
2,6-Dinitrotoluene
Concen: 9.427 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129251.D
Acq: 15 Jul 2022 22:03

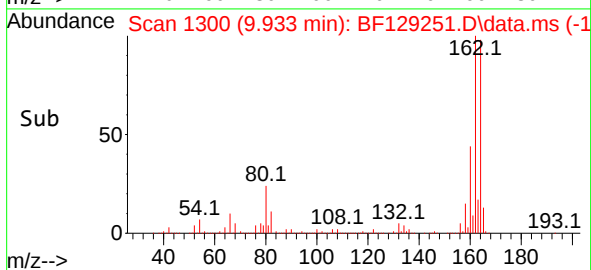
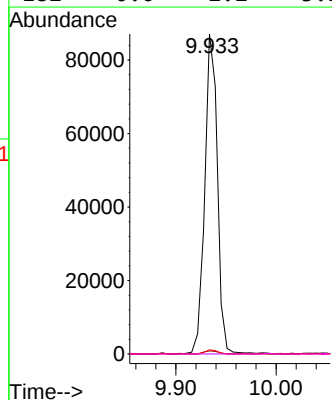
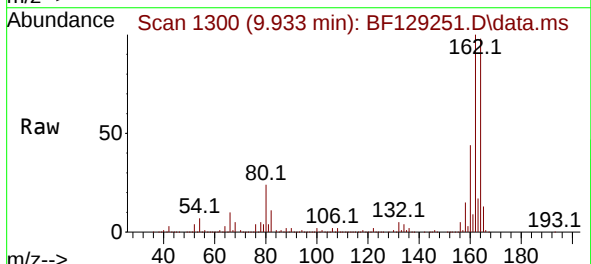
Instrument :
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SED-7-(6-12)

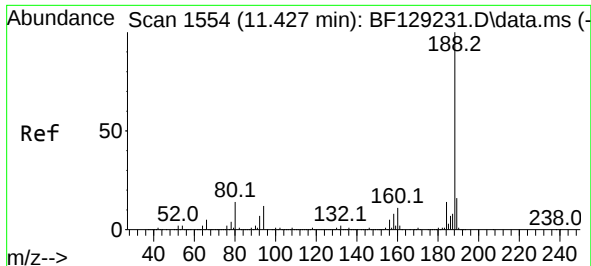
Tgt Ion:165 Resp: 76689
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.189 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF129251.D
Acq: 15 Jul 2022 22:03

Tgt Ion:165 Resp: 76690
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#

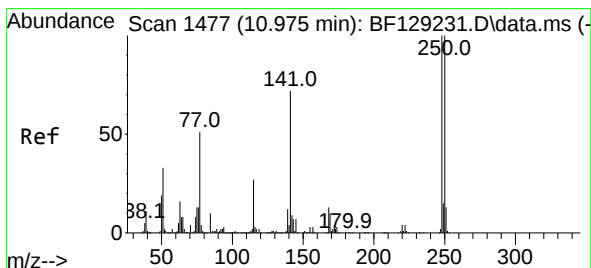
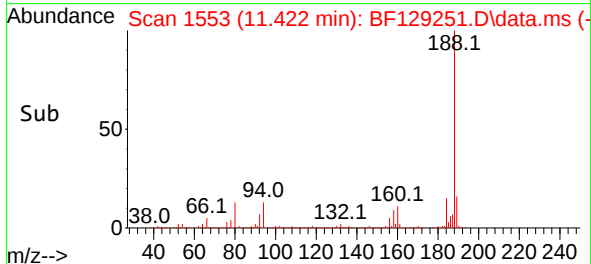
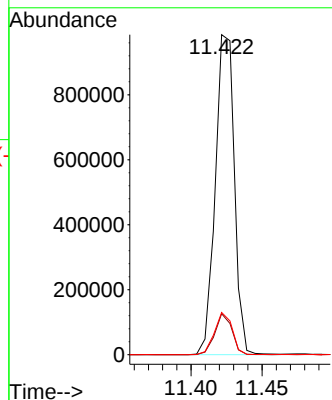
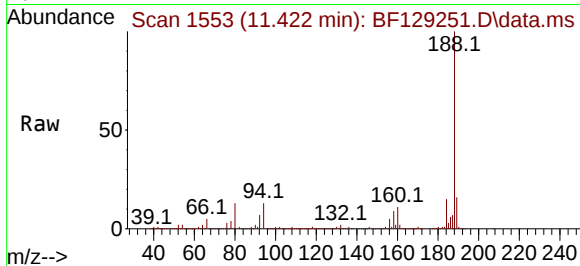




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129251.D
Acq: 15 Jul 2022 22:03

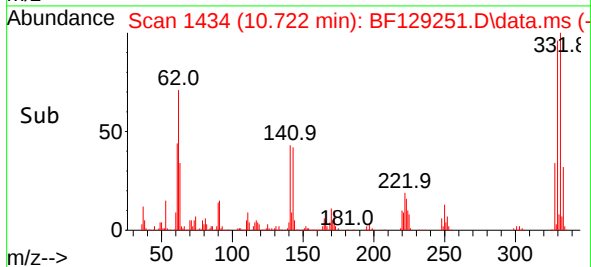
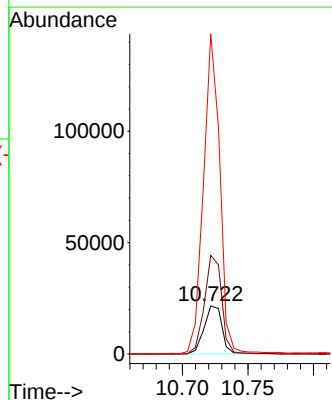
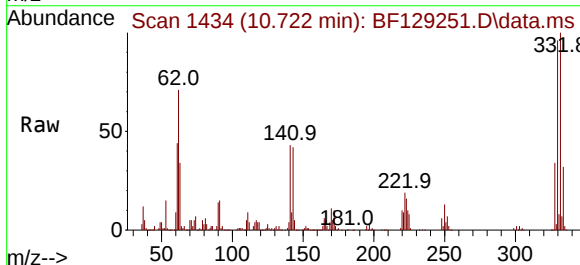
Instrument :
BNA_F
ClientSampleId :
SED-7-(6-12)

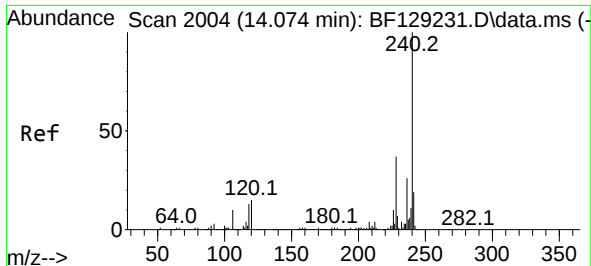
Tgt Ion:188 Resp: 920816
Ion Ratio Lower Upper
188 100
94 12.8 7.0 10.6#
80 13.2 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 2.132 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.253 min
Lab File: BF129251.D
Acq: 15 Jul 2022 22:03

Tgt Ion:248 Resp: 20669
Ion Ratio Lower Upper
248 100
250 205.0 80.6 120.8#
141 665.9 58.9 88.3#

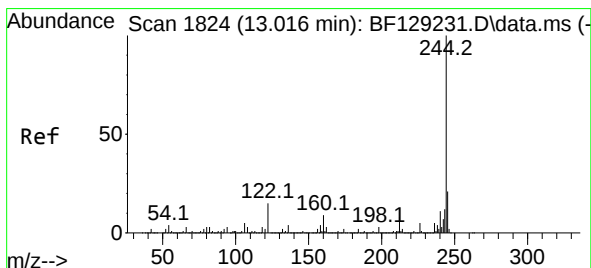
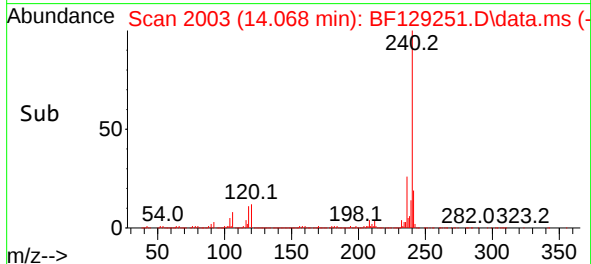
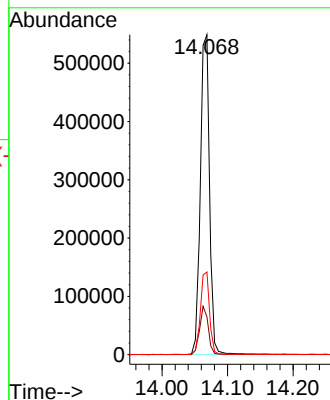
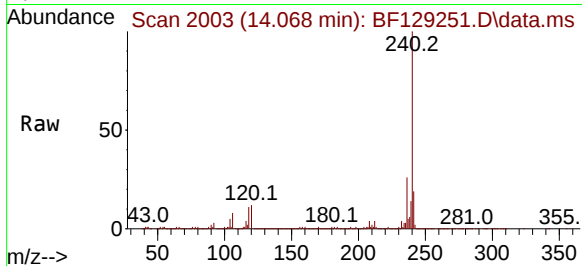




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF129251.D
Acq: 15 Jul 2022 22:03

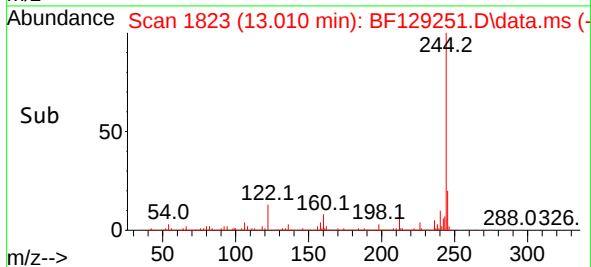
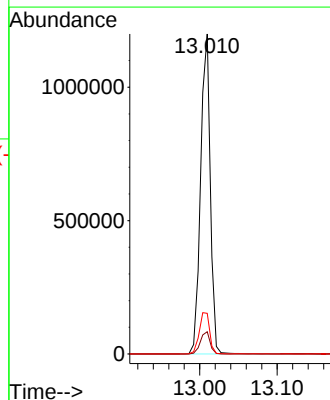
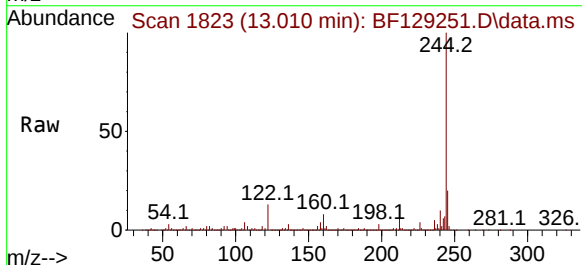
Instrument :
BNA_F
ClientSampleId :
SED-7-(6-12)

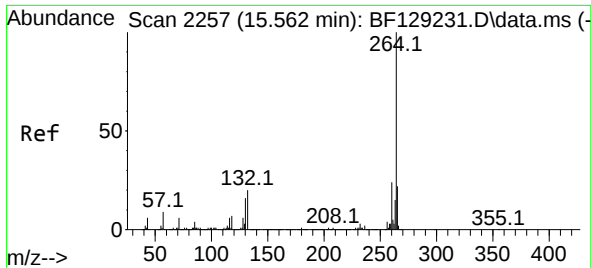
Tgt Ion:240 Resp: 535912
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 36.248 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF129251.D
Acq: 15 Jul 2022 22:03

Tgt Ion:244 Resp: 1038419
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 12.7 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129251.D
 Acq: 15 Jul 2022 22:03

Instrument :
 BNA_F
 ClientSampleId :
 SED-7-(6-12)

Tgt Ion:264 Resp: 562440
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 22.1 17.2 25.8

