

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129427.D
 Acq On : 29 Jul 2022 01:15
 Operator : CG\JU
 Sample : N3924-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-1-072722

Quant Time: Jul 29 02:10:48 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)

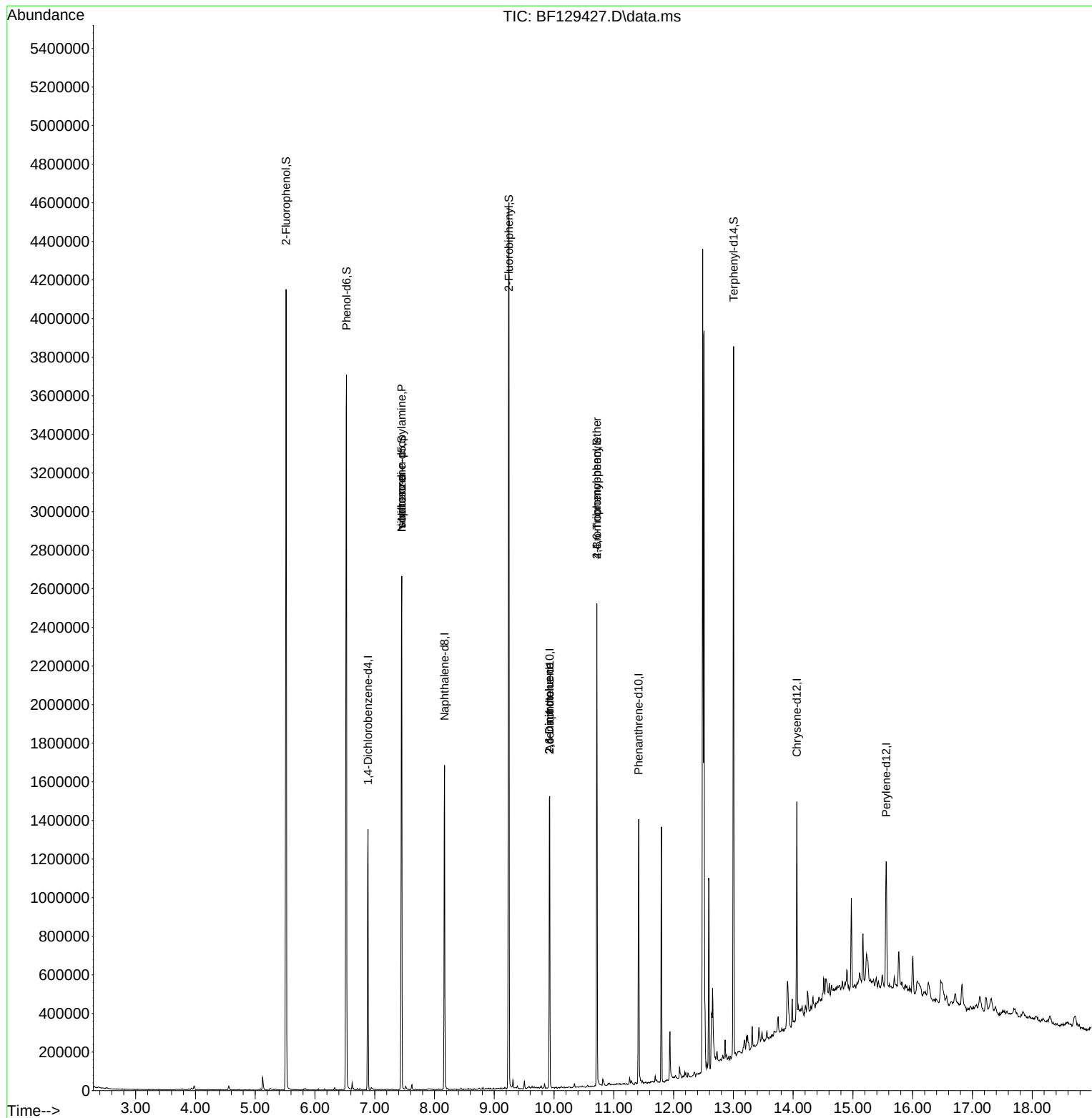
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	191165	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	712162	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	321928	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	441056	20.000	ng	0.00
76) Chrysene-d12	14.063	240	358037	20.000	ng	0.00
86) Perylene-d12	15.557	264	286858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1111759	94.738	ng	0.02
7) Phenol-d6	6.528	99	1379748	93.540	ng	0.01
23) Nitrobenzene-d5	7.451	82	864888	66.295	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	255605	82.584	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1459498	70.133	ng	0.00
79) Terphenyl-d14	13.004	244	1162078	61.233	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	117036	13.106	ng	# 72
25) Isophorone	7.451	82	860766	36.808	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	42054	8.455	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	42054	6.472	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	16154	3.345	ng	# 1

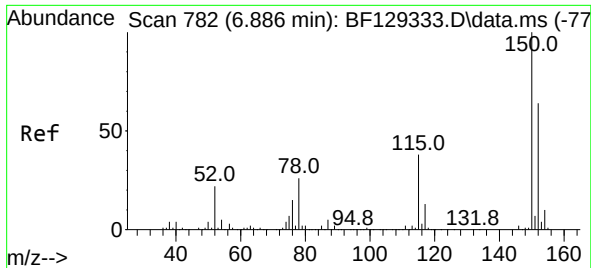
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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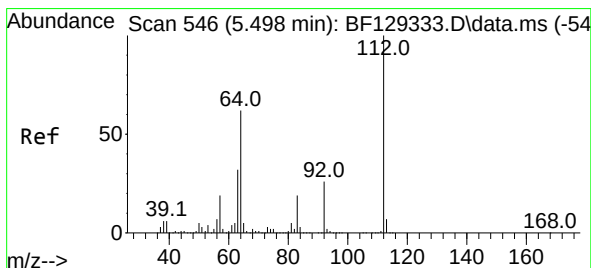
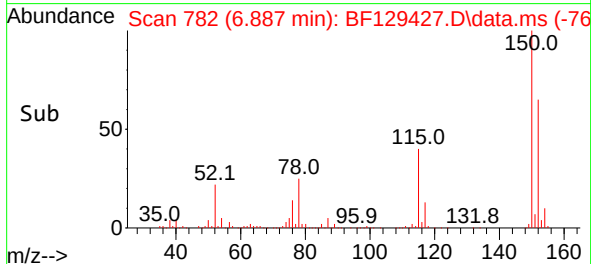
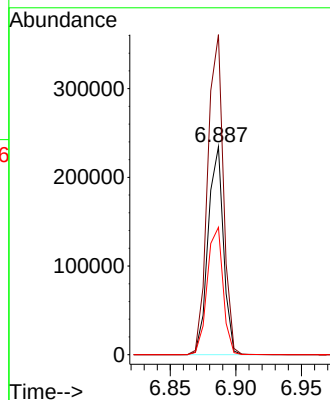
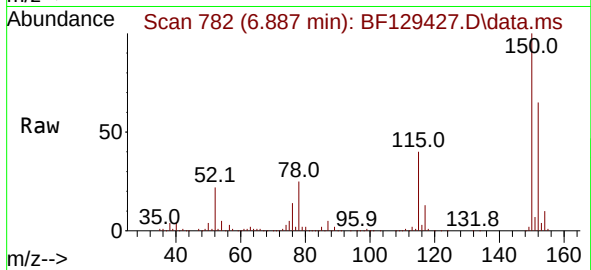




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF129427.D
 Acq: 29 Jul 2022 01:15

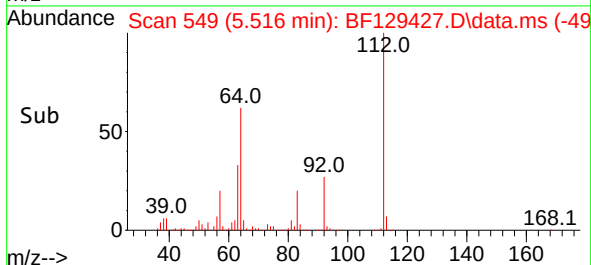
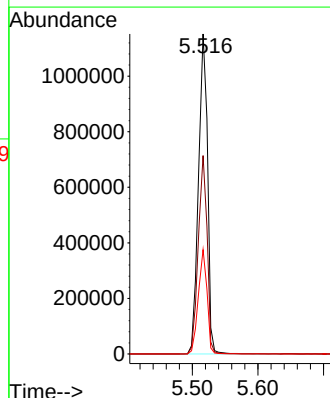
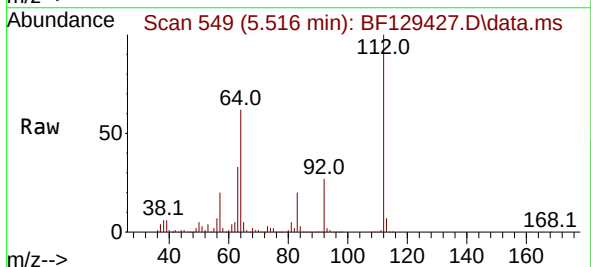
Instrument :
 BNA_F
 ClientSampleId :
 HD-1-072722

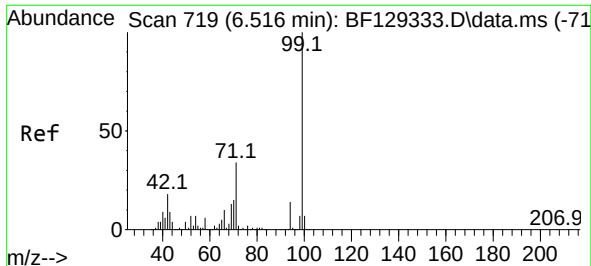
Tgt Ion:152 Resp: 191165
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.7 185.5
 115 61.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 94.738 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129427.D
 Acq: 29 Jul 2022 01:15

Tgt Ion:112 Resp: 1111759
 Ion Ratio Lower Upper
 112 100
 64 62.0 53.3 79.9
 63 32.6 28.0 42.0

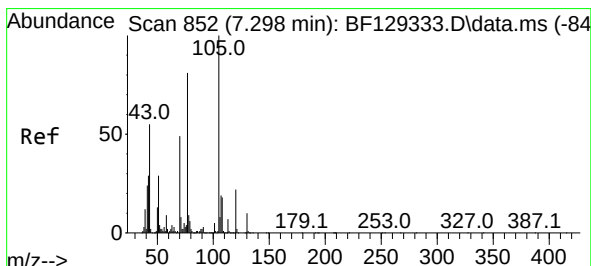
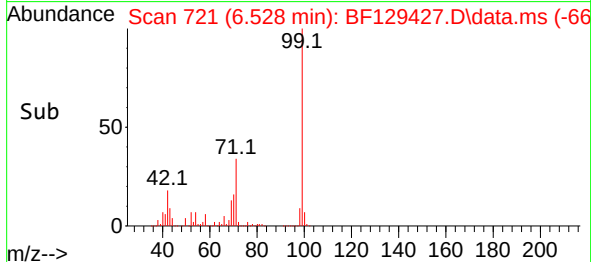
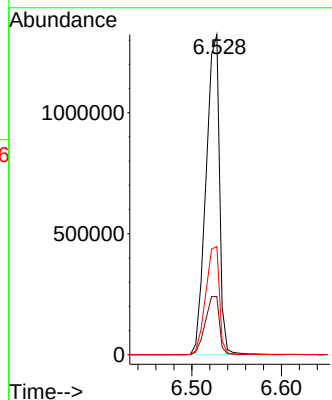
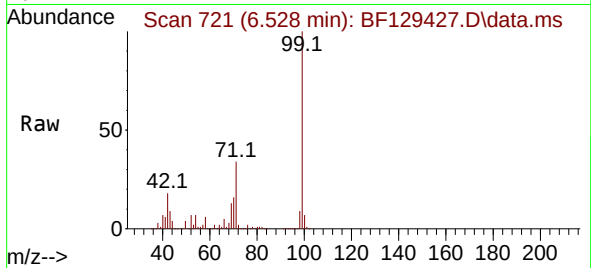




#7
Phenol-d6
Concen: 93.540 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129427.D
Acq: 29 Jul 2022 01:15

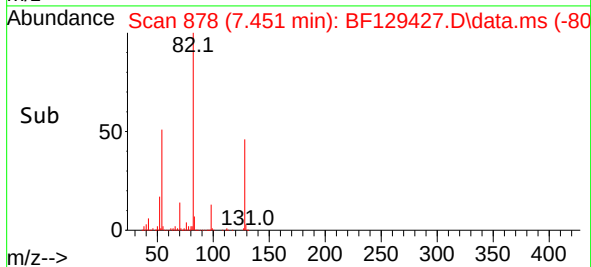
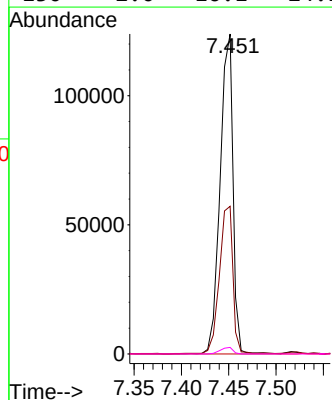
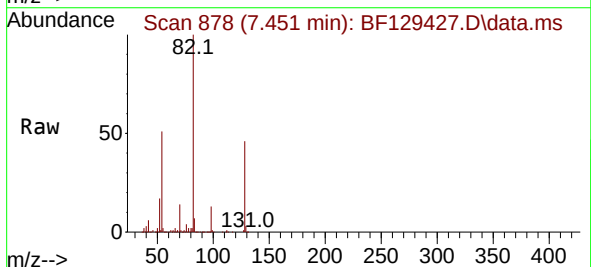
Instrument :
BNA_F
ClientSampleId :
HD-1-072722

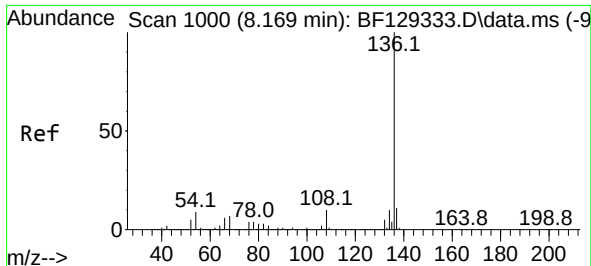
Tgt Ion: 99 Resp: 1379748
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 33.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.106 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129427.D
Acq: 29 Jul 2022 01:15

Tgt Ion: 70 Resp: 117036
Ion Ratio Lower Upper
70 100
42 46.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

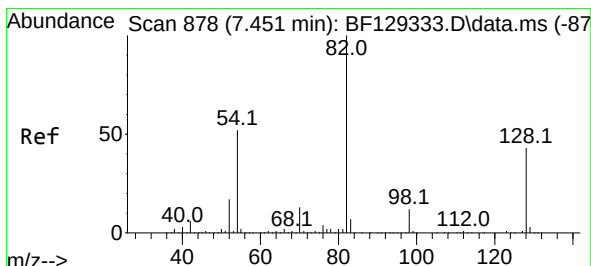
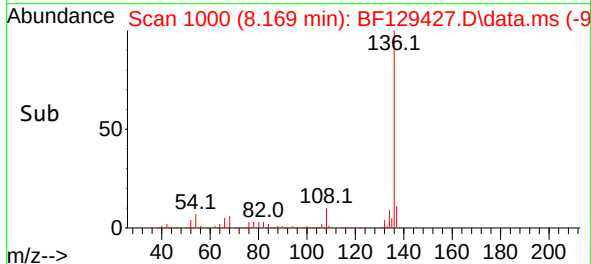
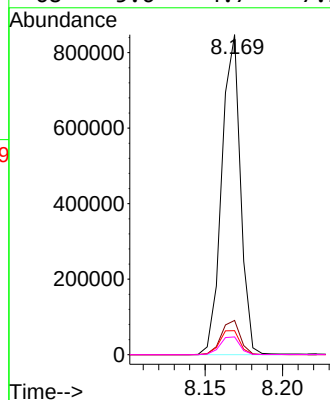
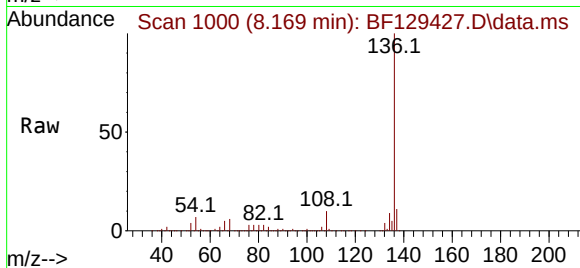




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF129427.D
Acq: 29 Jul 2022 01:15

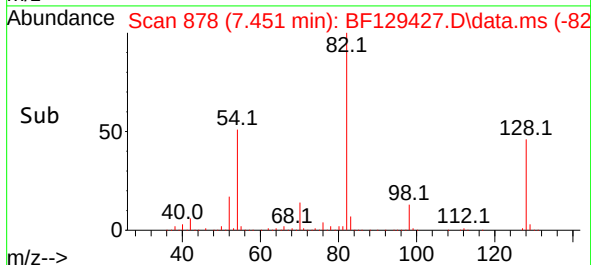
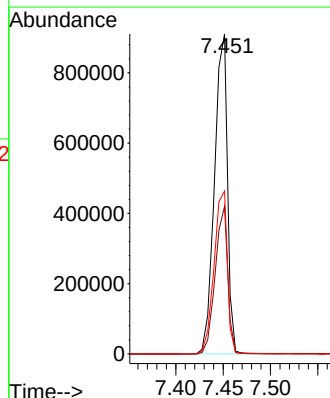
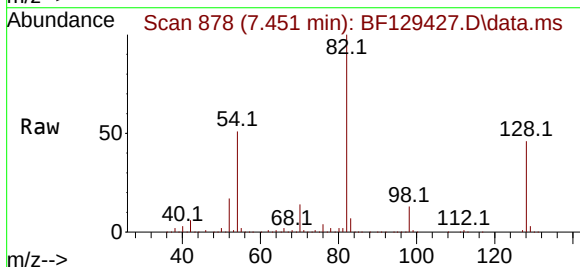
Instrument :
BNA_F
ClientSampleId :
HD-1-072722

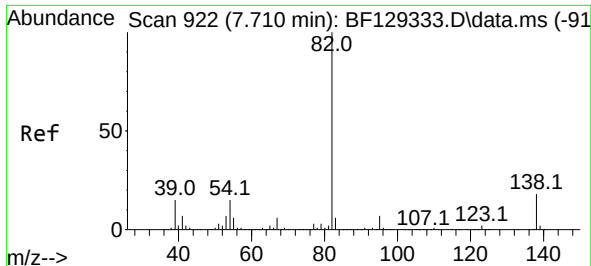
Tgt Ion:136 Resp: 712162
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.5 7.5 11.3#
68 5.6 4.7 7.1



#23
Nitrobenzene-d5
Concen: 66.295 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129427.D
Acq: 29 Jul 2022 01:15

Tgt Ion: 82 Resp: 864888
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 50.9 46.9 70.3

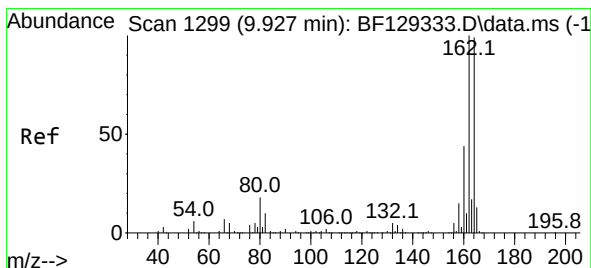
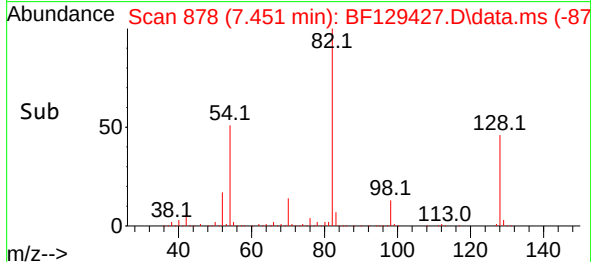
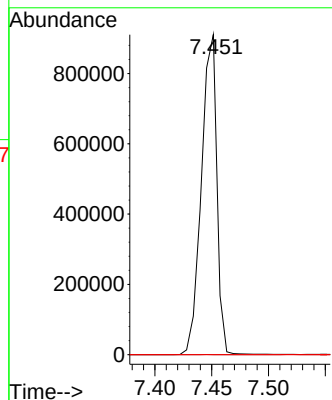
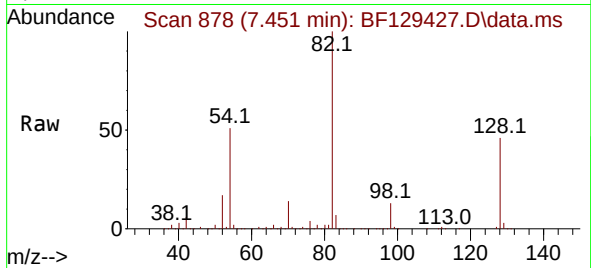




#25
Isophorone
Concen: 36.808 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129427.D
Acq: 29 Jul 2022 01:15

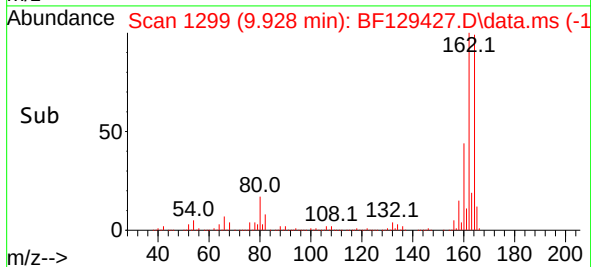
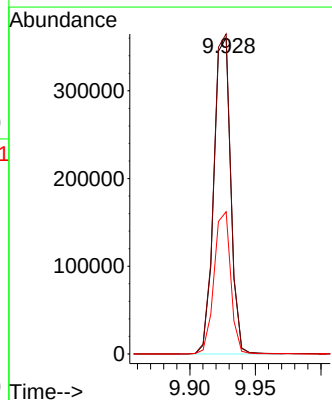
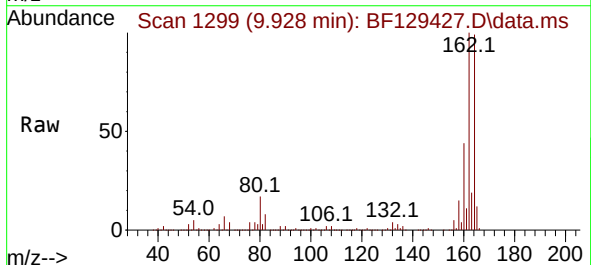
Instrument :
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ClientSampleId :
HD-1-072722

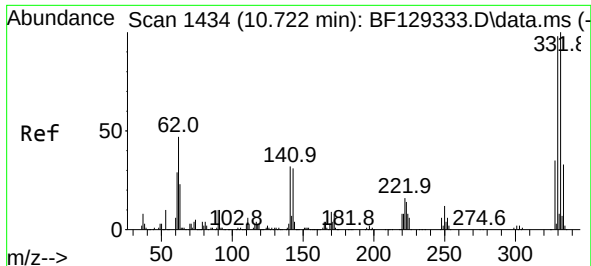
Tgt Ion: 82 Resp: 860766
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129427.D
Acq: 29 Jul 2022 01:15

Tgt Ion:164 Resp: 321928
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 45.0 34.2 51.4

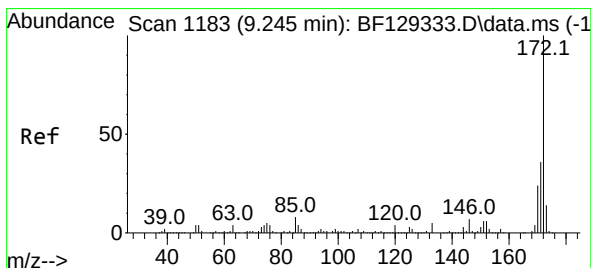
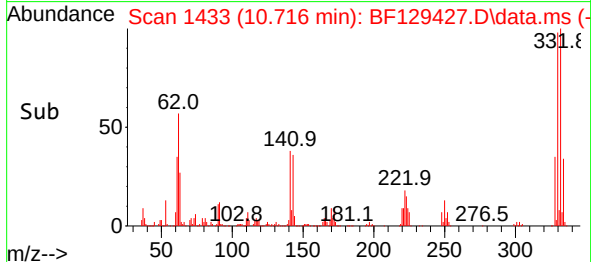
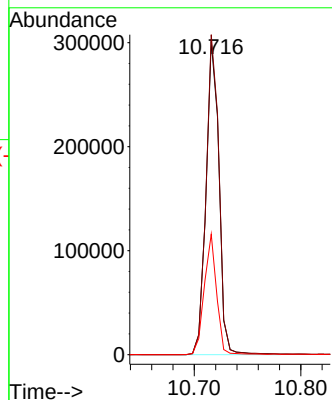
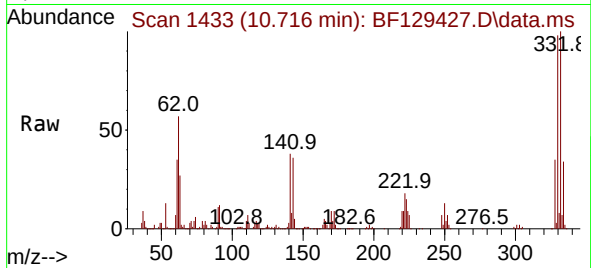




#42
2,4,6-Tribromophenol
Concen: 82.584 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129427.D
Acq: 29 Jul 2022 01:15

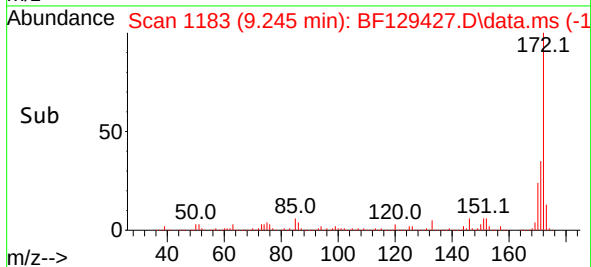
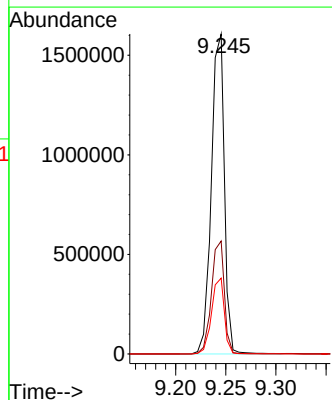
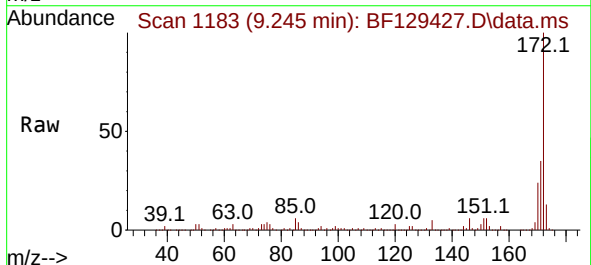
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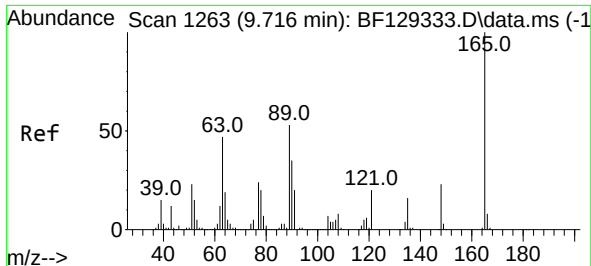
Tgt Ion:330 Resp: 255605
Ion Ratio Lower Upper
330 100
332 102.1 76.8 115.2
141 36.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 70.133 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129427.D
Acq: 29 Jul 2022 01:15

Tgt Ion:172 Resp: 1459498
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.455 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129427.D

Acq: 29 Jul 2022 01:15

Instrument :

BNA_F

ClientSampleId :

HD-1-072722

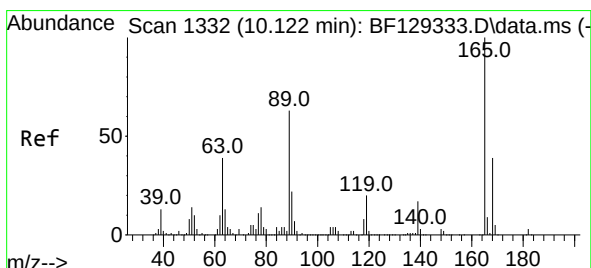
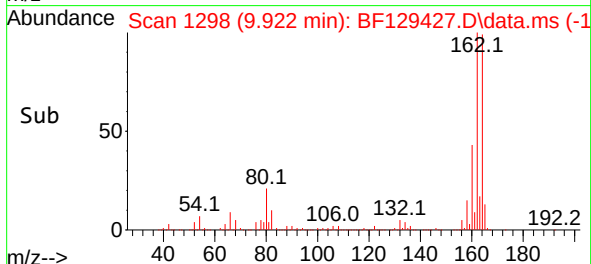
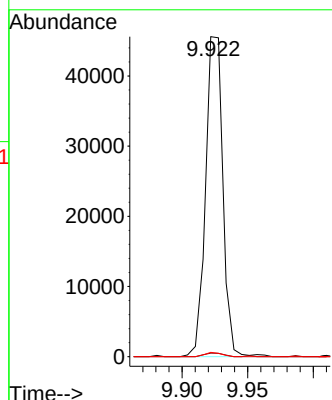
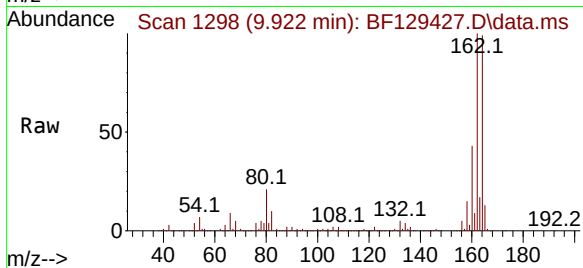
Tgt Ion:165 Resp: 42054

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.472 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129427.D

Acq: 29 Jul 2022 01:15

Tgt Ion:165 Resp: 42054

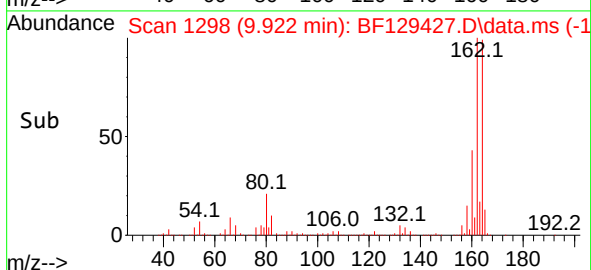
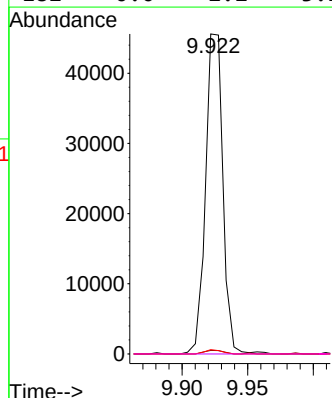
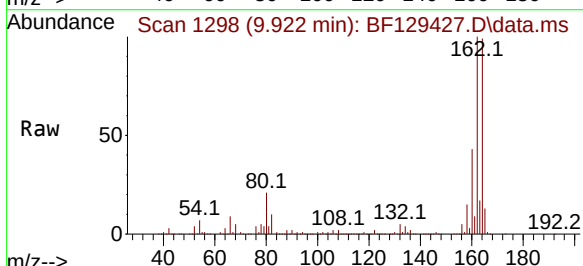
Ion Ratio Lower Upper

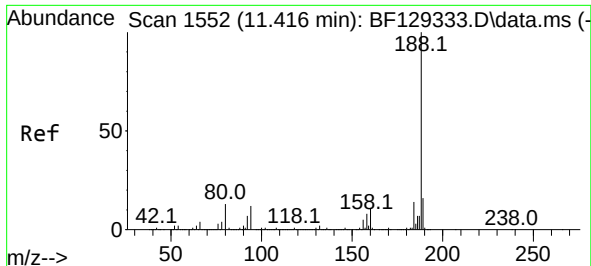
165 100

63 1.1 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

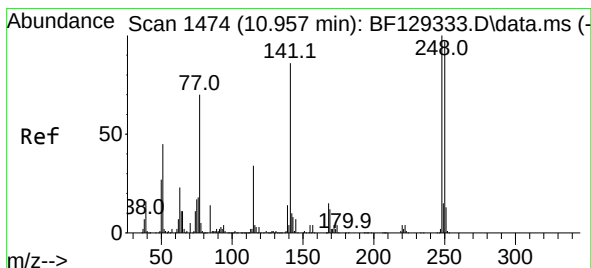
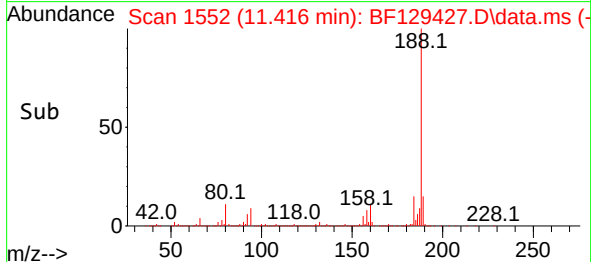
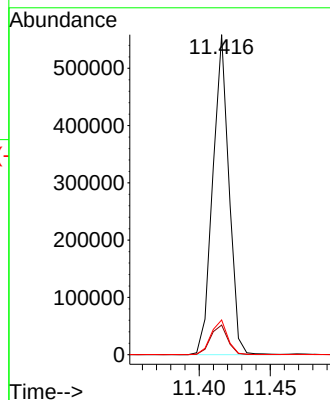
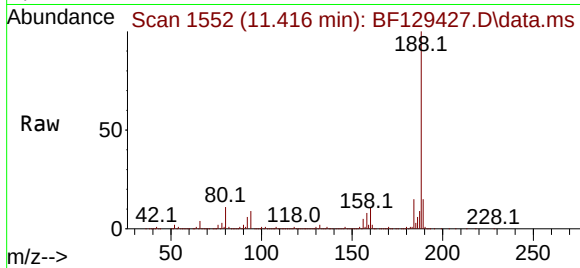




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129427.D
Acq: 29 Jul 2022 01:15

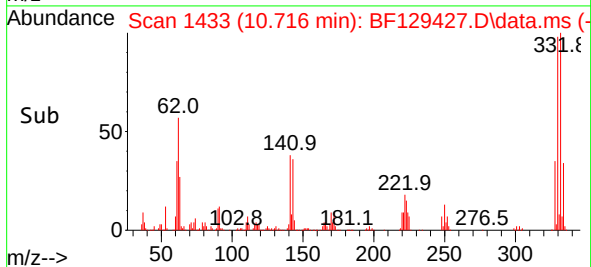
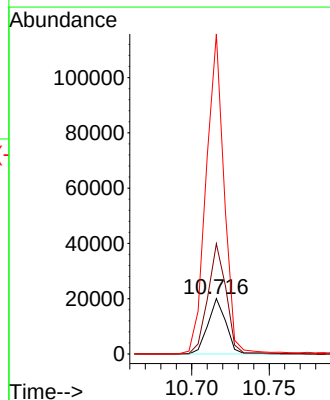
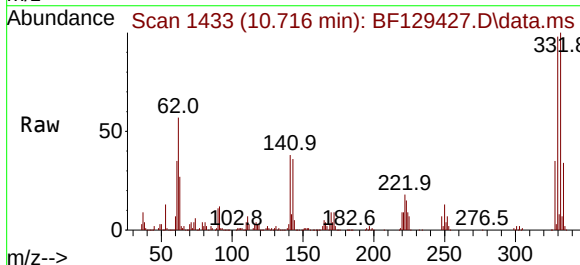
Instrument :
BNA_F
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HD-1-072722

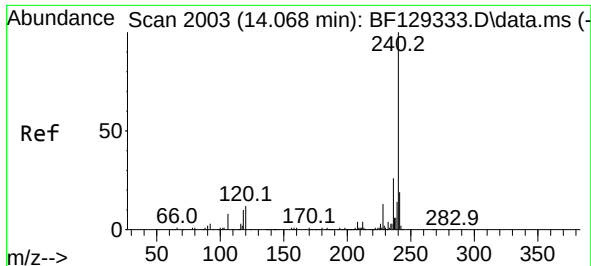
Tgt Ion:188 Resp: 441056
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.345 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129427.D
Acq: 29 Jul 2022 01:15

Tgt Ion:248 Resp: 16154
Ion Ratio Lower Upper
248 100
250 199.1 80.6 120.8#
141 577.5 58.9 88.3#

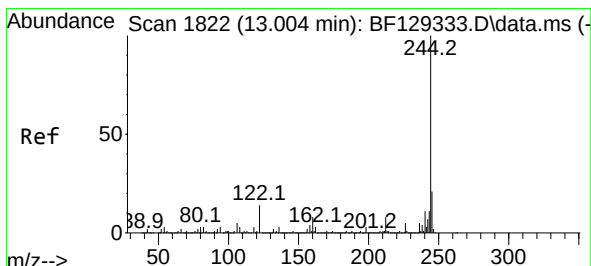
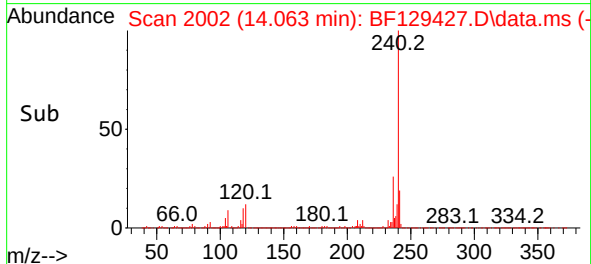
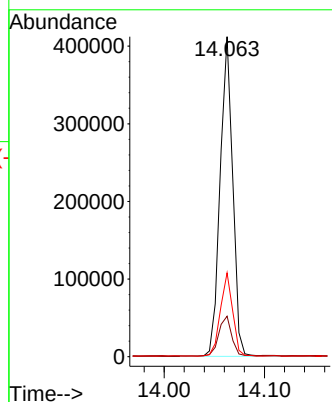
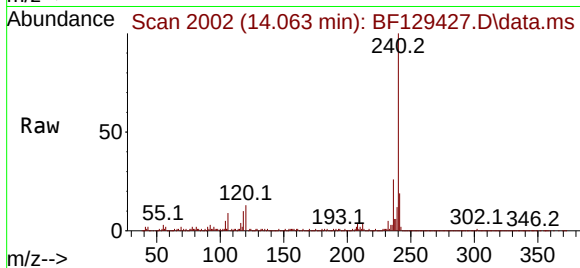




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129427.D
Acq: 29 Jul 2022 01:15

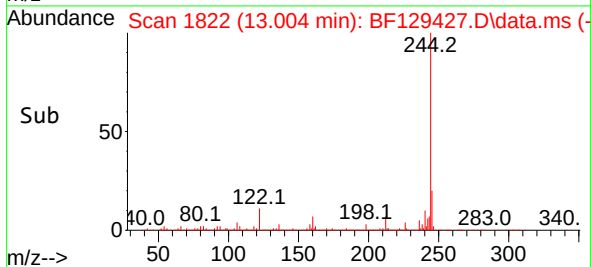
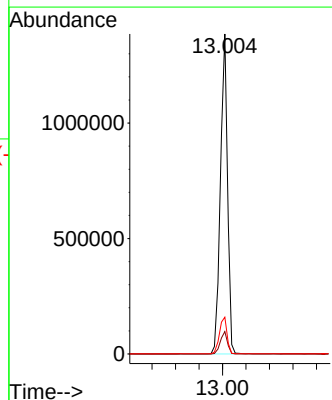
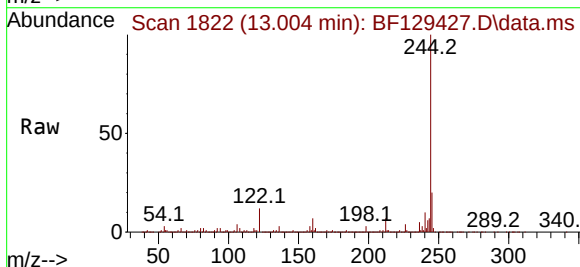
Instrument :
BNA_F
ClientSampleId :
HD-1-072722

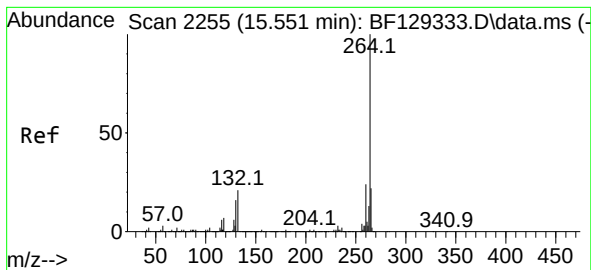
Tgt Ion:240 Resp: 358037
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 26.2 20.8 31.2



#79
Terphenyl-d14
Concen: 61.233 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129427.D
Acq: 29 Jul 2022 01:15

Tgt Ion:244 Resp: 1162078
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 11.5 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: BF129427.D
 Acq: 29 Jul 2022 01:15

Instrument :
 BNA_F
 ClientSampleId :
 HD-1-072722

Tgt Ion:264 Resp: 286858
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.7 17.2 25.8

