

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129384.D
 Acq On : 27 Jul 2022 19:24
 Operator : CG\JU
 Sample : N3861-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-INCH

Quant Time: Jul 28 01:31:53 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

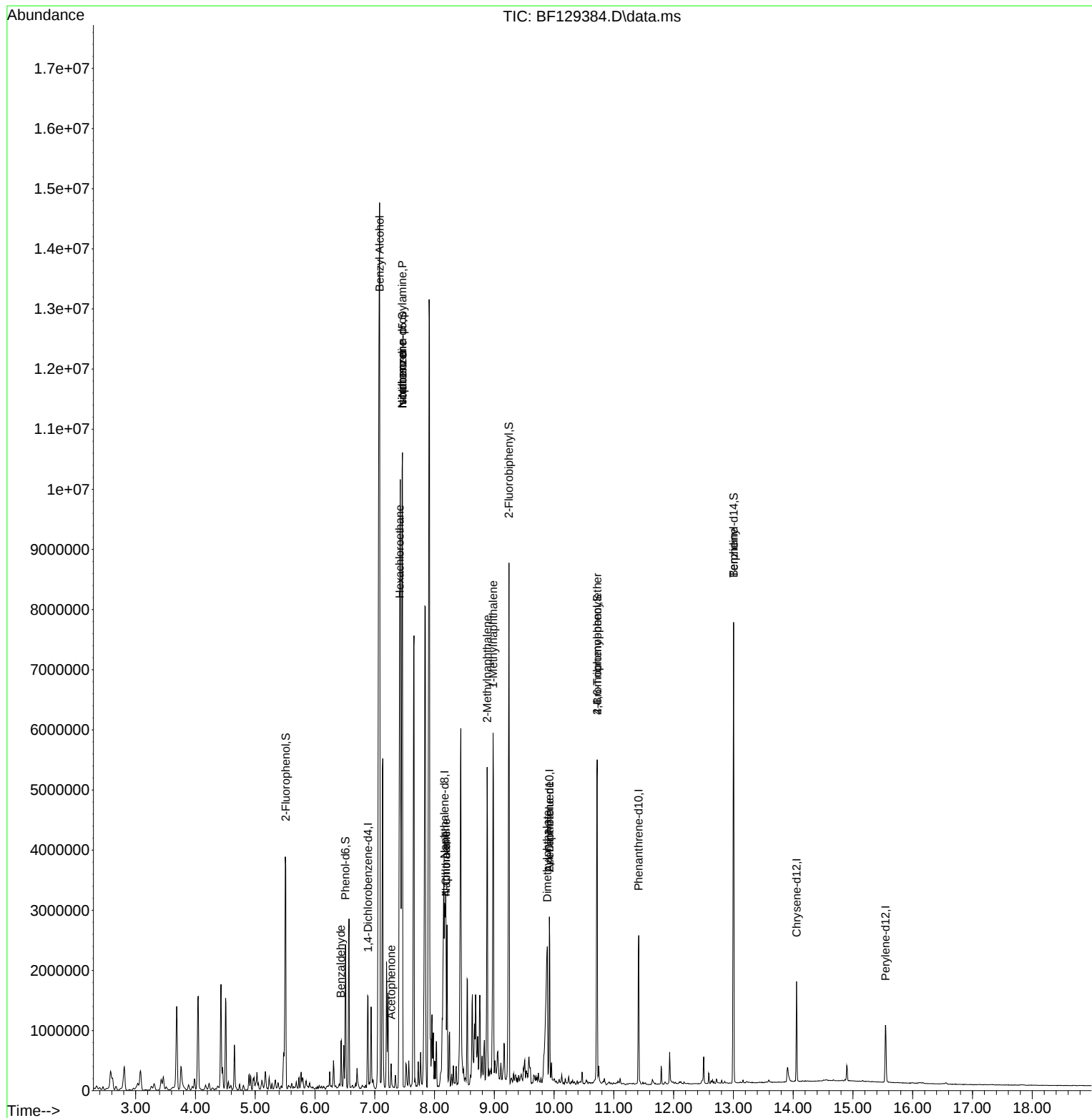
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	262117	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	971233	20.000	ng	0.00
39) Acenaphthene-d10	9.921	164	533007	20.000	ng	# 0.00
64) Phenanthrene-d10	11.415	188	873371	20.000	ng	0.00
76) Chrysene-d12	14.056	240	535955	20.000	ng	-0.01
86) Perylene-d12	15.545	264	439908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1027244	63.841	ng	0.01
7) Phenol-d6	6.510	99	843729	41.717	ng	0.00
23) Nitrobenzene-d5	7.463	82	1440326	80.954	ng	0.01
42) 2,4,6-Tribromophenol	10.721	330	734185	143.271	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2836832	82.334	ng	0.00
79) Terphenyl-d14	13.004	244	2686208	94.555	ng	0.00
Target Compounds						
9) Benzaldehyde	6.433	77	29094	2.118	ng	# 1
15) Benzyl Alcohol	7.080	79	33740	2.300	ng	# 1
18) Hexachloroethane	7.416	117	1032885	143.059	ng	# 1
19) n-Nitroso-di-n-propyla...	7.463	70	192167	15.695	ng	# 77
22) Acetophenone	7.275	105	163826	7.245	ng	# 56
24) Nitrobenzene	7.463	77	174052	9.500	ng	# 9
25) Isophorone	7.463	82	1434368	44.976	ng	# 65
31) Naphthalene	8.192	128	897084	18.180	ng	98
33) 4-Chloroaniline	8.192	127	146838	7.248	ng	# 31
37) 2-Methylnaphthalene	8.880	142	1506326	46.974	ng	100
38) 1-Methylnaphthalene	8.980	142	1594663	51.514	ng	98
50) Dimethylphthalate	9.886	163	1630226	44.306	ng	# 94
57) 2,4-Dinitrotoluene	9.921	165	69074	6.420	ng	# 29
67) 4-Bromophenyl-phenylether	10.721	248	45632	4.771	ng	# 1
77) Benidine	13.004	184	40160	2.121	ng	# 95

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

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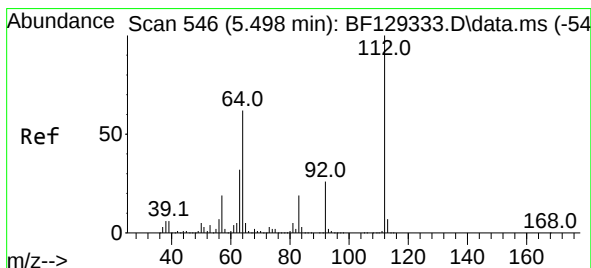
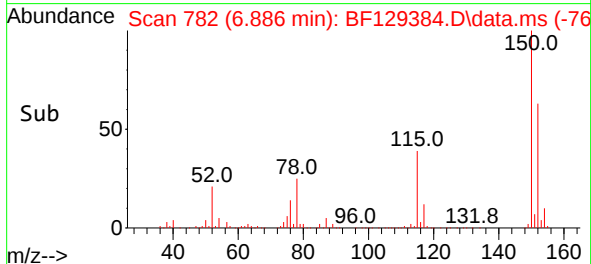
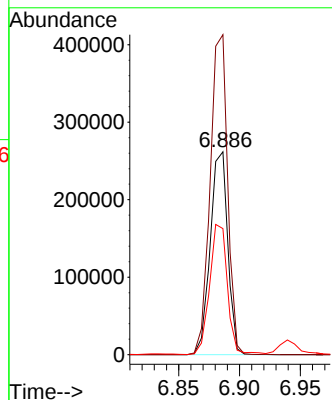
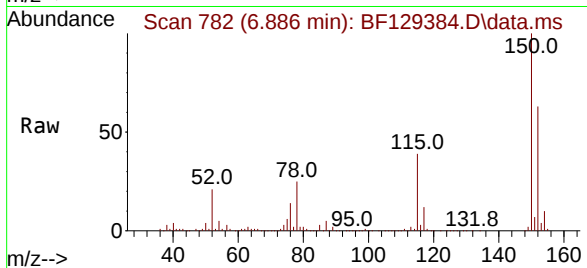




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129384.D
 Acq: 27 Jul 2022 19:24

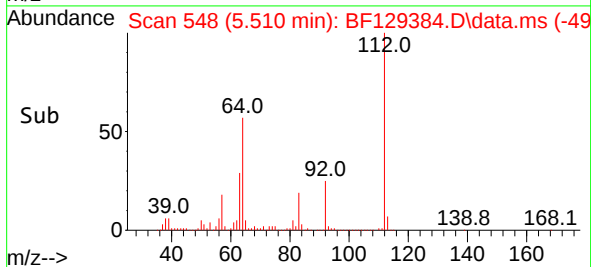
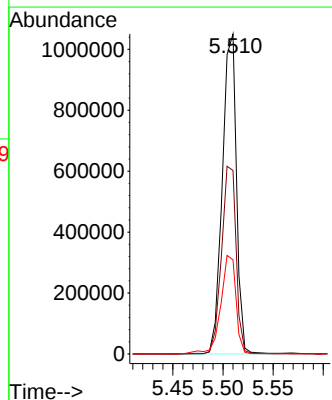
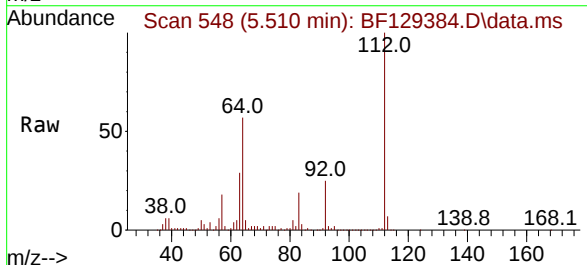
Instrument :
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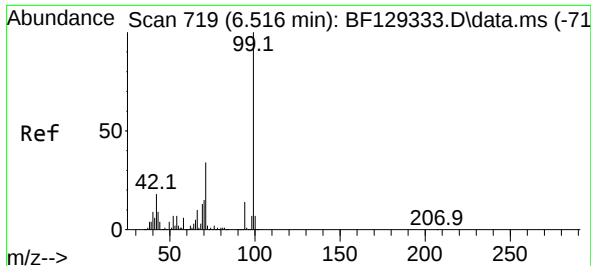
Tgt Ion:152 Resp: 262117
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.7 185.5
 115 62.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 63.841 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129384.D
 Acq: 27 Jul 2022 19:24

Tgt Ion:112 Resp: 1027244
 Ion Ratio Lower Upper
 112 100
 64 57.4 53.3 79.9
 63 29.4 28.0 42.0

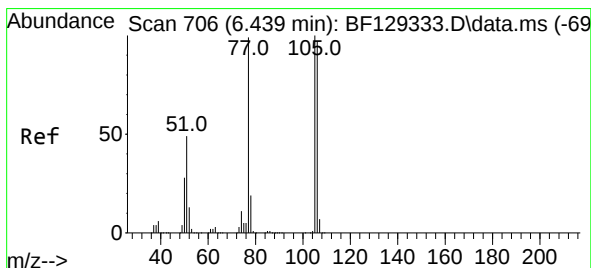
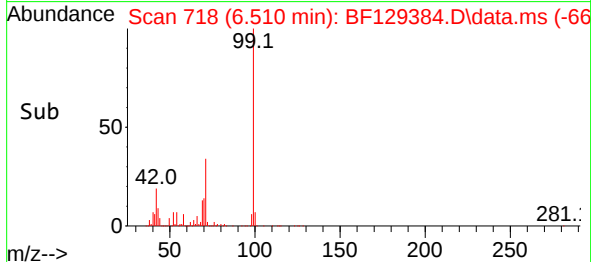
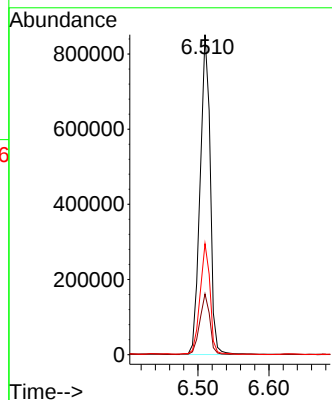
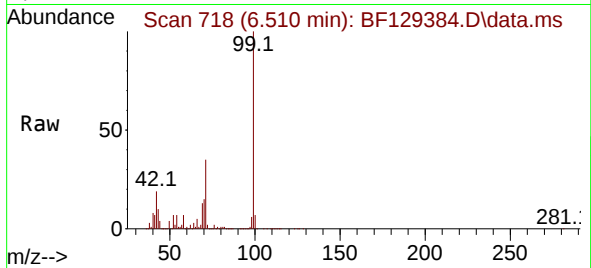




#7
Phenol-d6
Concen: 41.717 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

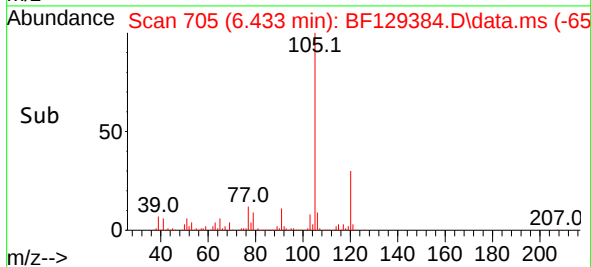
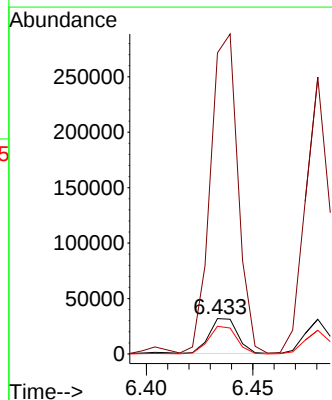
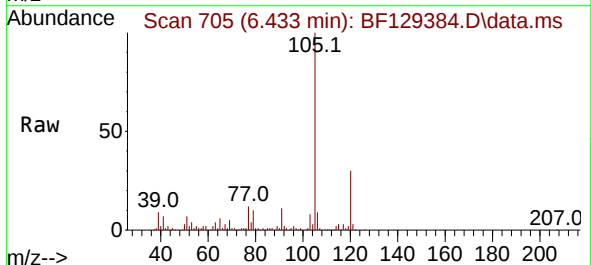
Instrument :
BNA_F
ClientSampleId :
2-INCH

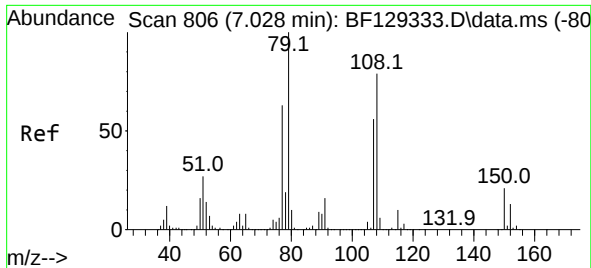
Tgt Ion: 99 Resp: 843729
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 34.7 28.9 43.3



#9
Benzaldehyde
Concen: 2.118 ng
RT: 6.433 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion: 77 Resp: 29094
Ion Ratio Lower Upper
77 100
105 850.1 81.6 121.6#
106 78.1 76.1 116.1

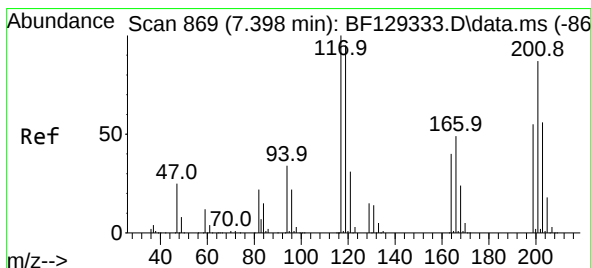
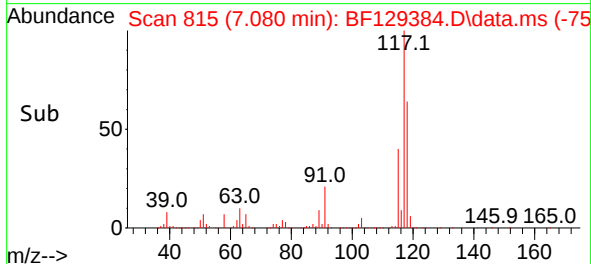
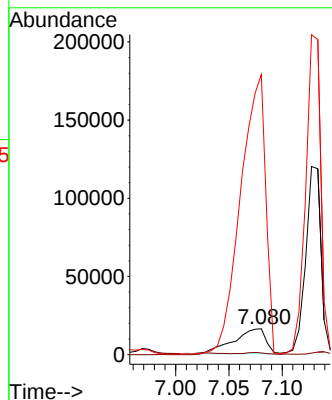
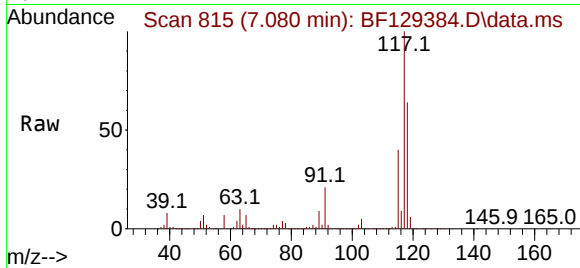




#15
Benzyl Alcohol
Concen: 2.300 ng
RT: 7.080 min Scan# 815
Delta R.T. 0.053 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

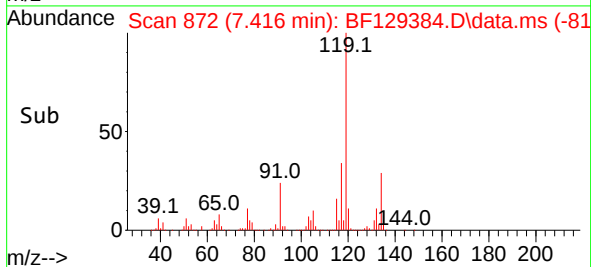
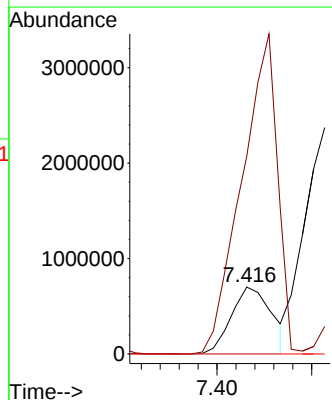
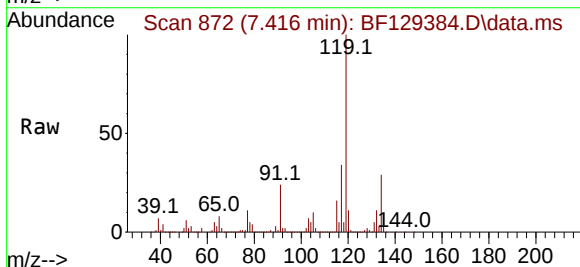
Instrument :
BNA_F
ClientSampleId :
2-INCH

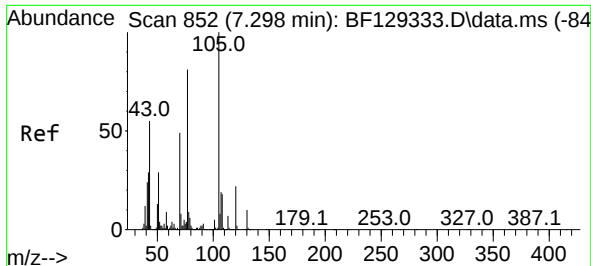
Tgt Ion: 79 Resp: 33740
Ion Ratio Lower Upper
79 100
108 6.8 61.8 92.6#
77 1083.3 50.2 75.4#



#18
Hexachloroethane
Concen: 143.059 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.017 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion: 117 Resp: 1032885
Ion Ratio Lower Upper
117 100
119 295.5 77.4 116.2#
201 0.0 84.6 127.0#

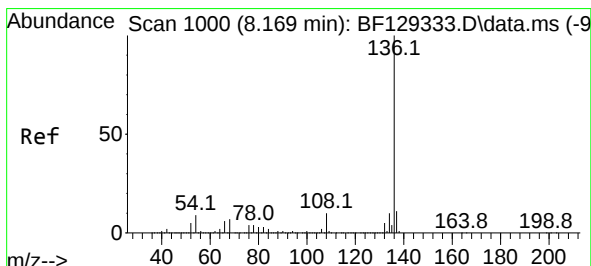
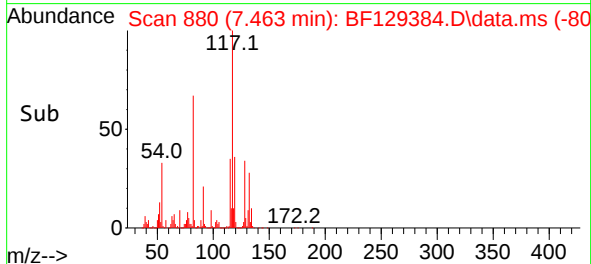
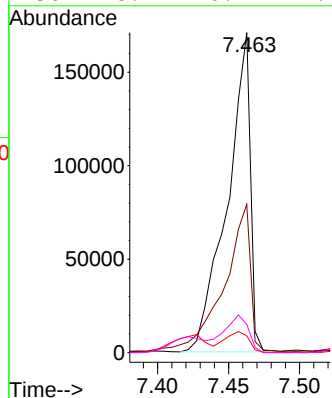
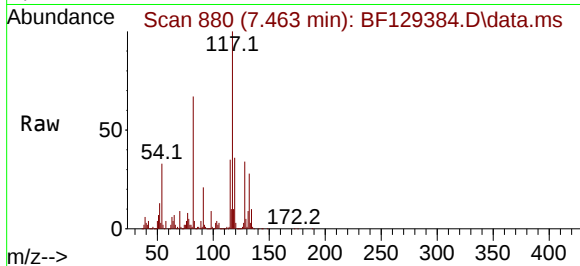




#19
n-Nitroso-di-n-propylamine
Concen: 15.695 ng
RT: 7.463 min Scan# 81
Delta R.T. 0.165 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

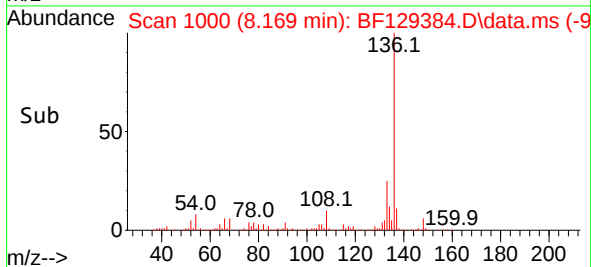
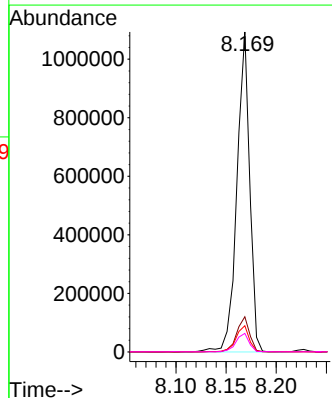
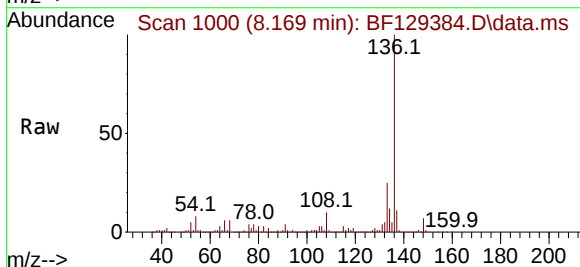
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ClientSampleId :
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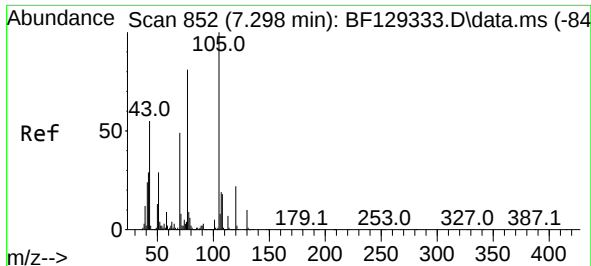
Tgt Ion: 70 Resp: 192167
Ion Ratio Lower Upper
70 100
42 46.4 52.3 78.5#
101 5.3 7.5 11.3#
130 8.9 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion:136 Resp: 971233
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 7.5 11.3
68 5.8 4.7 7.1

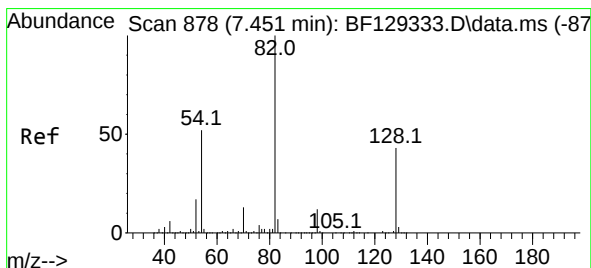
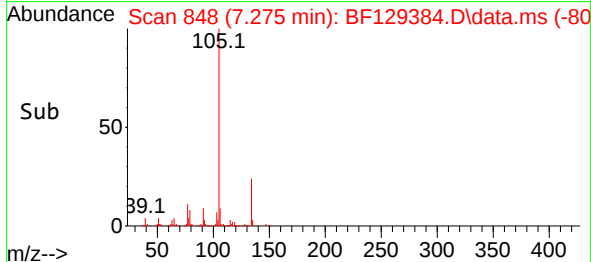
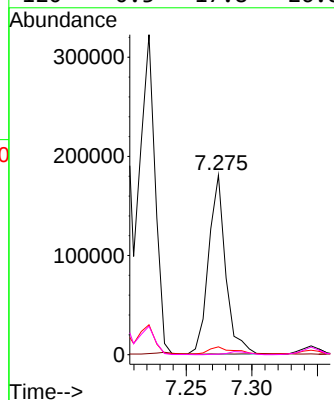
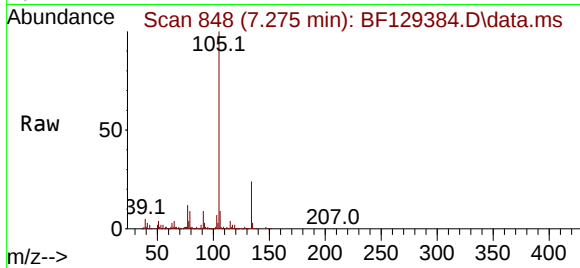




#22
Acetophenone
Concen: 7.245 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.024 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

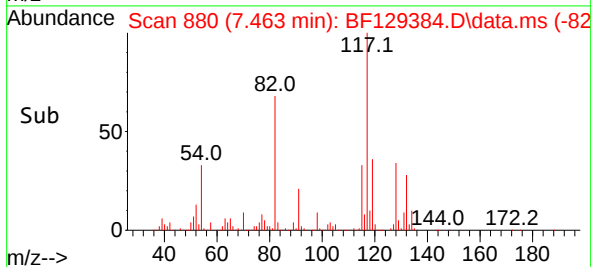
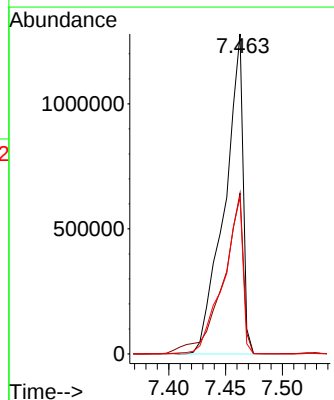
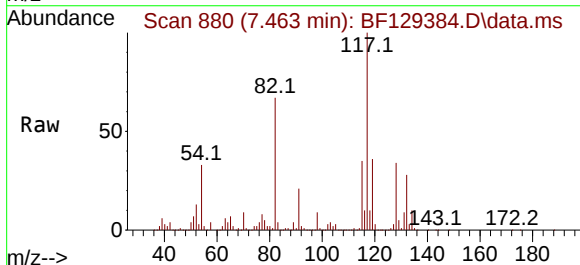
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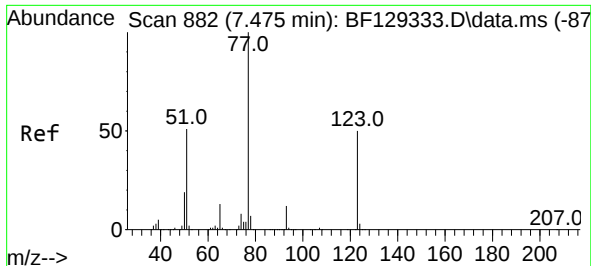
Tgt Ion:105 Resp: 163826
Ion Ratio Lower Upper
105 100
71 0.3 5.0 7.4#
51 4.4 25.0 37.4#
120 0.3 17.8 26.8#



#23
Nitrobenzene-d5
Concen: 80.954 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion: 82 Resp: 1440326
Ion Ratio Lower Upper
82 100
128 50.2 34.0 51.0
54 49.1 46.9 70.3

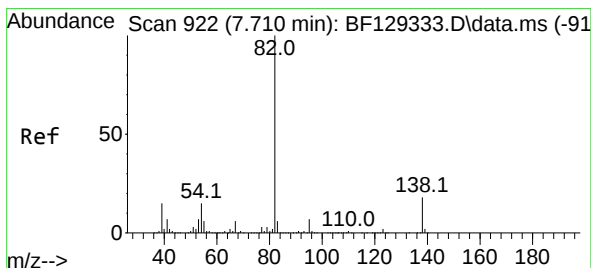
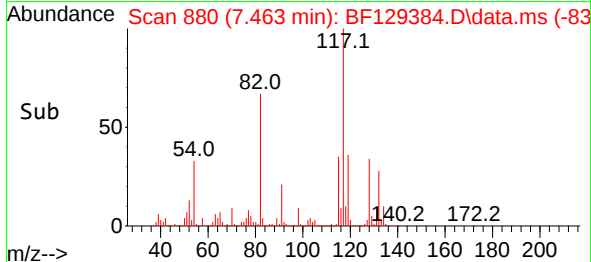
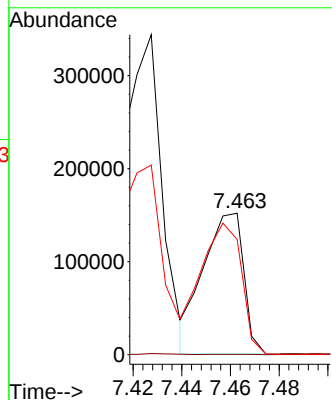
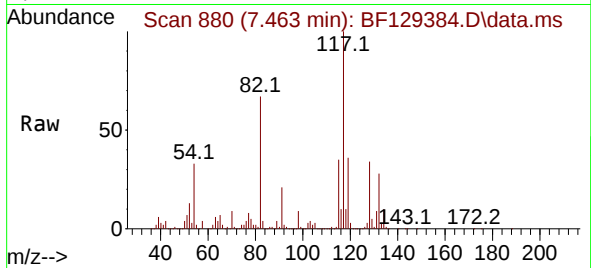




#24
Nitrobenzene
Concen: 9.500 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

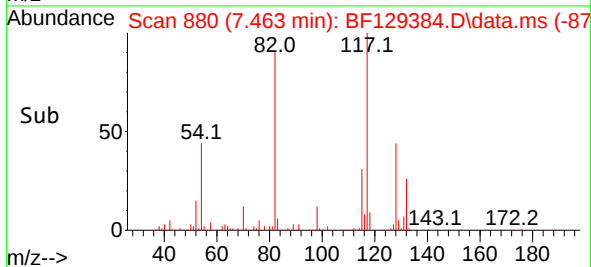
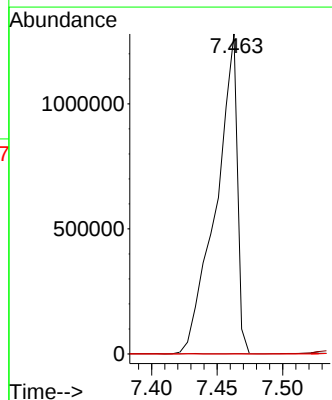
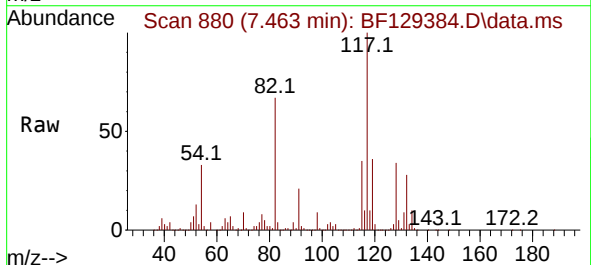
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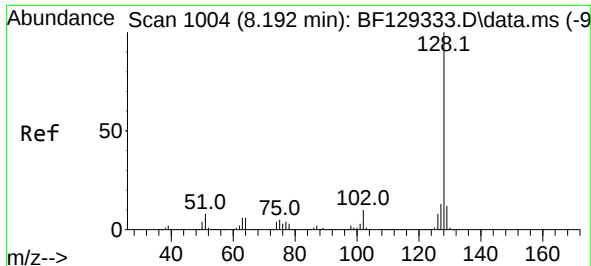
Tgt Ion: 77 Resp: 174052
Ion Ratio Lower Upper
77 100
123 0.2 35.4 53.2#
65 81.5 11.8 17.8#



#25
Isophorone
Concen: 44.976 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.247 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion: 82 Resp: 1434368
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#

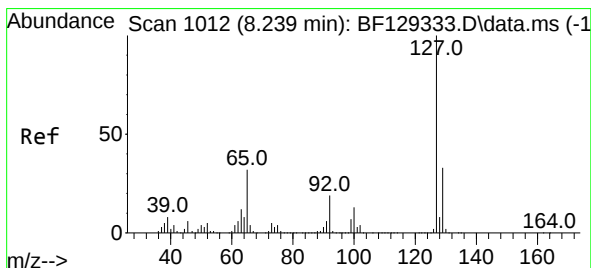
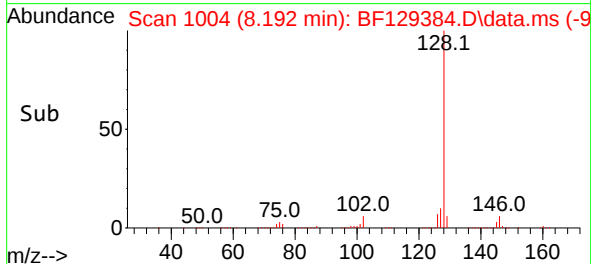
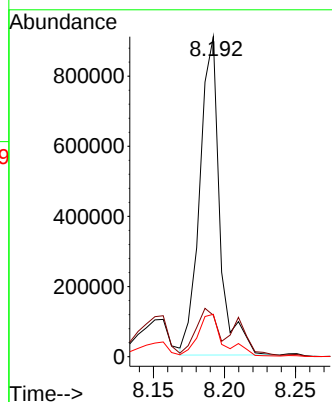
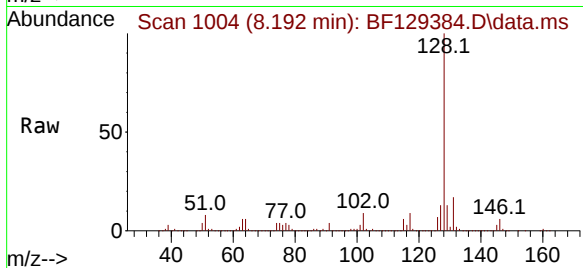




#31
Naphthalene
Concen: 18.180 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

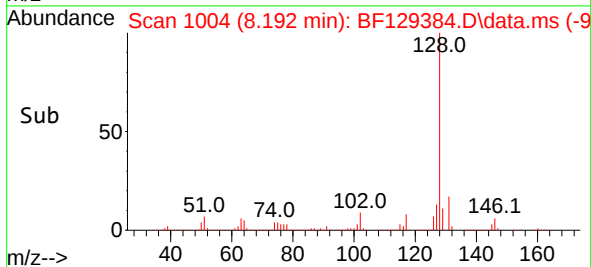
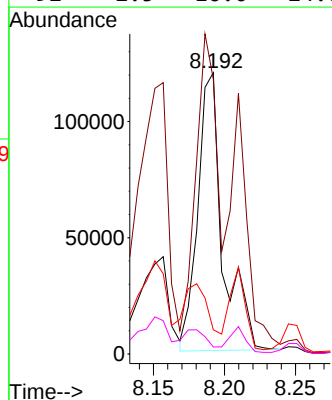
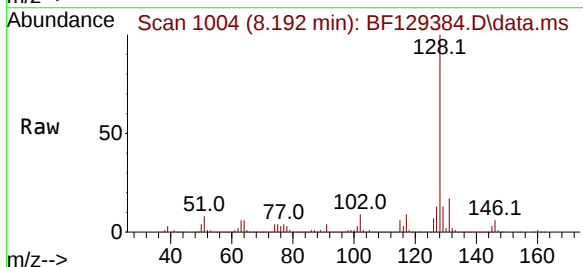
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ClientSampleId :
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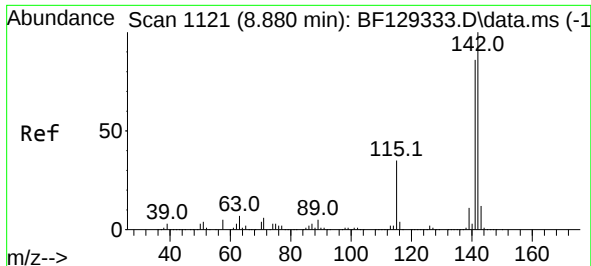
Tgt Ion:128 Resp: 897084
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 13.3 10.5 15.7



#33
4-Chloroaniline
Concen: 7.248 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.047 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion:127 Resp: 146838
Ion Ratio Lower Upper
127 100
129 97.7 26.4 39.6#
65 8.6 26.4 39.6#
92 2.5 16.0 24.0#





#37

2-Methylnaphthalene

Concen: 46.974 ng

RT: 8.880 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF129384.D

Acq: 27 Jul 2022 19:24

Instrument :

BNA_F

ClientSampleId :

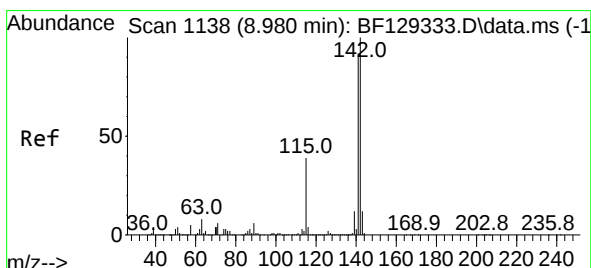
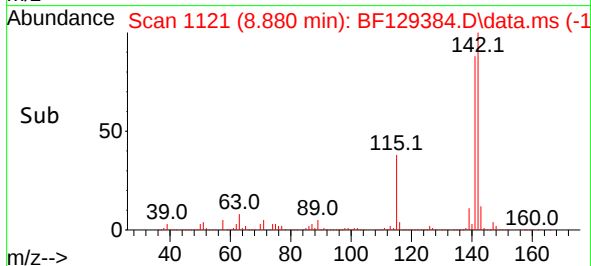
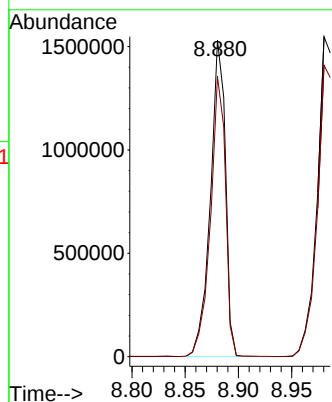
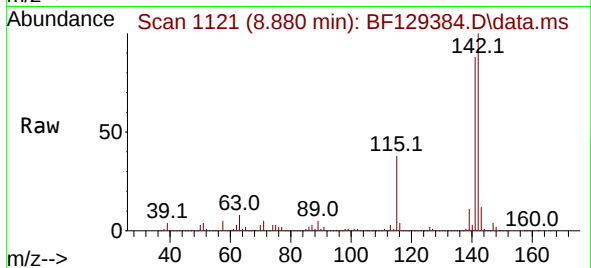
2-INCH

Tgt Ion:142 Resp: 1506326

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.4



#38

1-Methylnaphthalene

Concen: 51.514 ng

RT: 8.980 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF129384.D

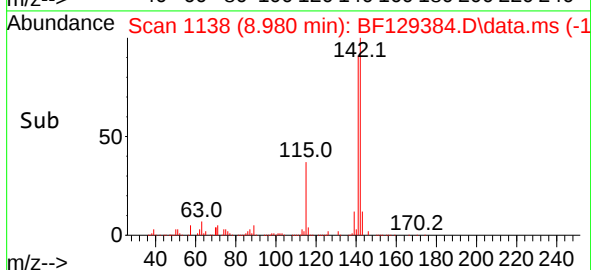
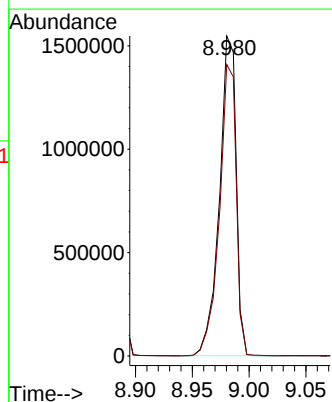
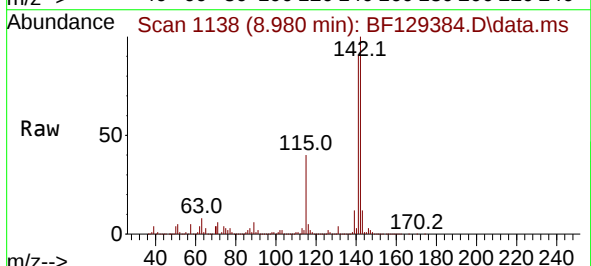
Acq: 27 Jul 2022 19:24

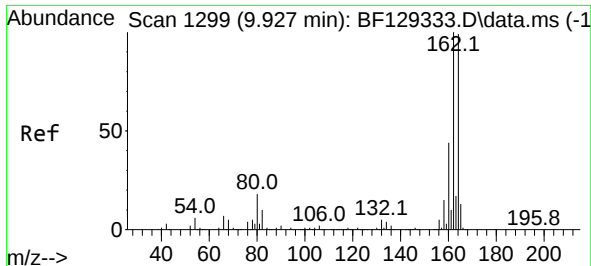
Tgt Ion:142 Resp: 1594663

Ion Ratio Lower Upper

142 100

141 91.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.921 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129384.D

Acq: 27 Jul 2022 19:24

Instrument :

BNA_F

ClientSampleId :

2-INCH

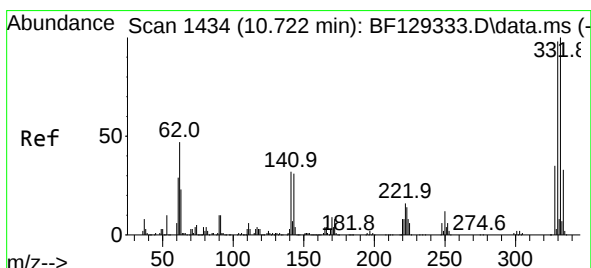
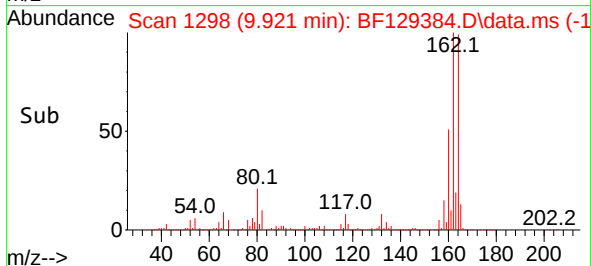
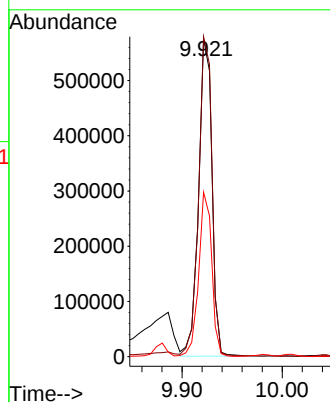
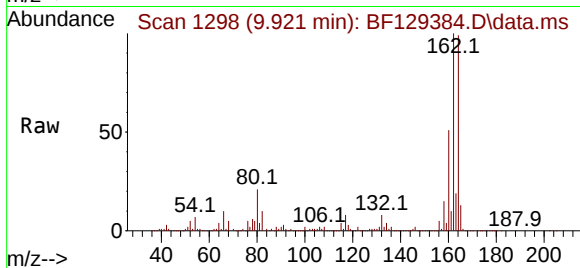
Tgt Ion:164 Resp: 533007

Ion Ratio Lower Upper

164 100

162 100.7 79.5 119.3

160 51.7 34.2 51.4#



#42

2,4,6-Tribromophenol

Concen: 143.271 ng

RT: 10.721 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129384.D

Acq: 27 Jul 2022 19:24

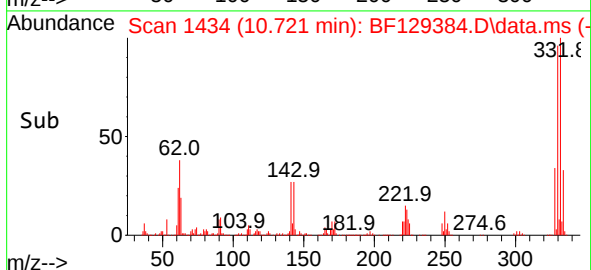
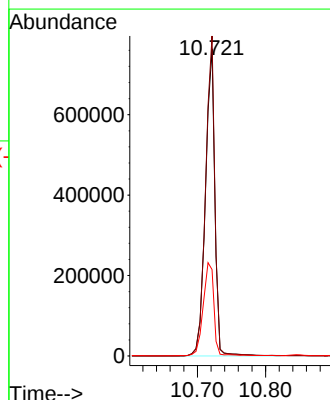
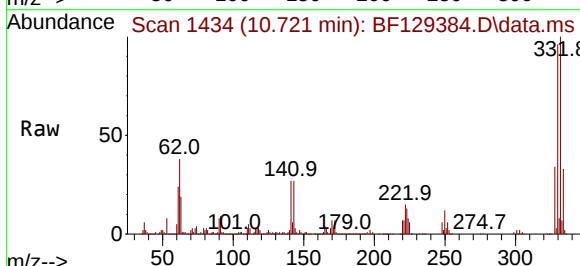
Tgt Ion:330 Resp: 734185

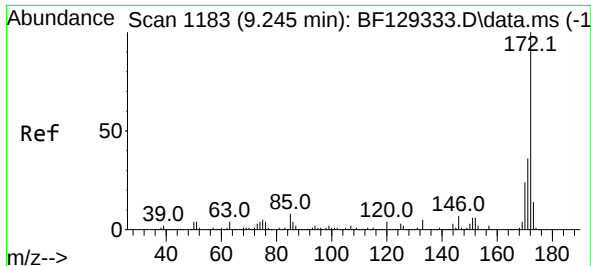
Ion Ratio Lower Upper

330 100

332 103.2 76.8 115.2

141 34.5 28.0 42.0

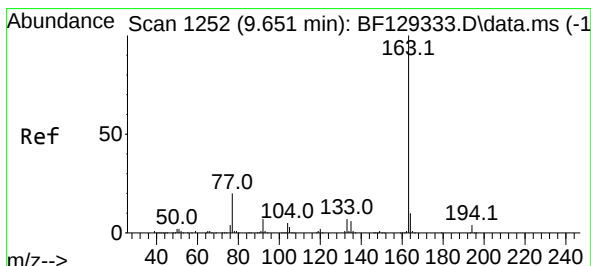
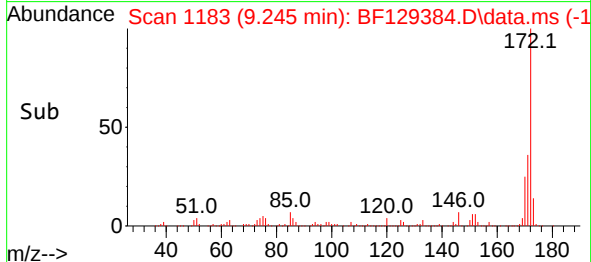
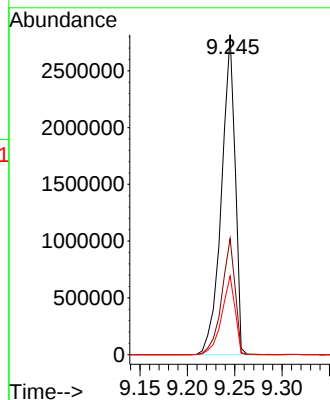
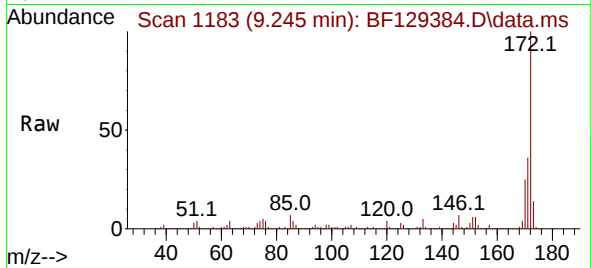




#45
2-Fluorobiphenyl
Concen: 82.334 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

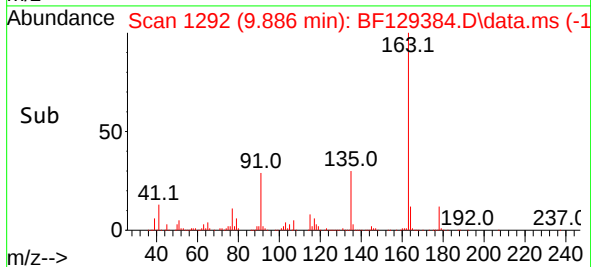
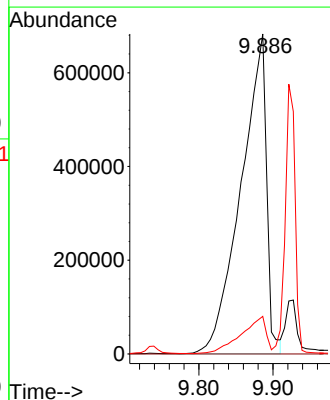
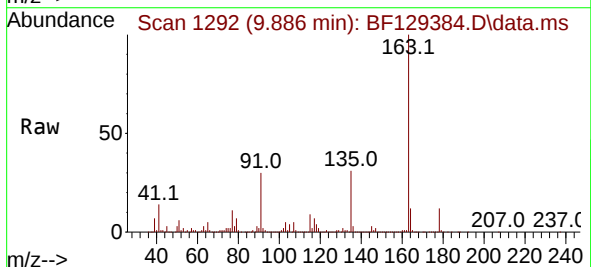
Instrument :
BNA_F
ClientSampleId :
2-INCH

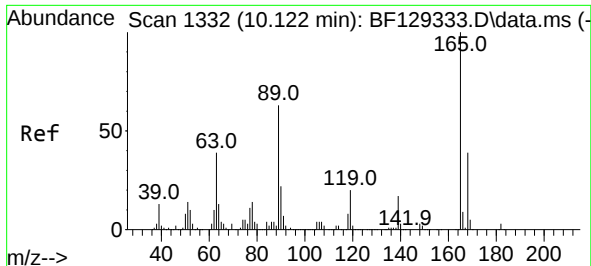
Tgt Ion:172 Resp: 2836832
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.6 19.8 29.8



#50
Dimethylphthalate
Concen: 44.306 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.235 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion:163 Resp: 1630226
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 11.8 8.2 12.2

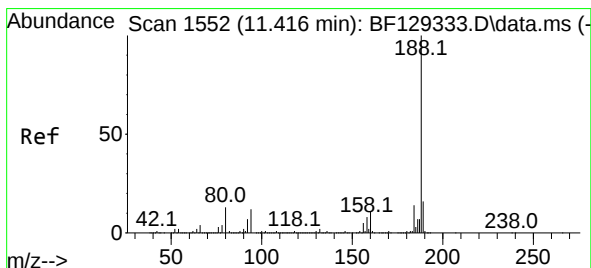
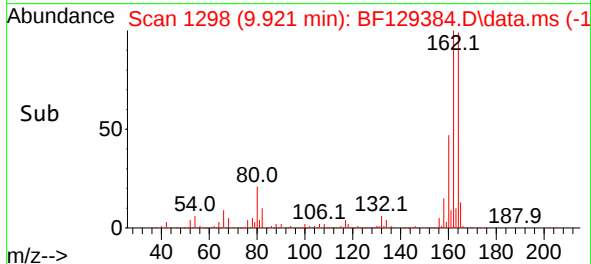
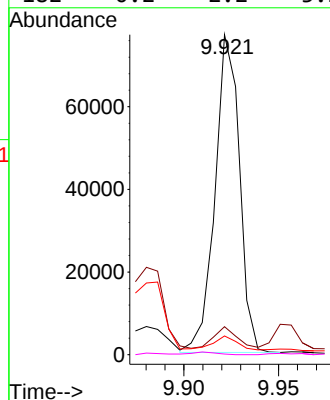
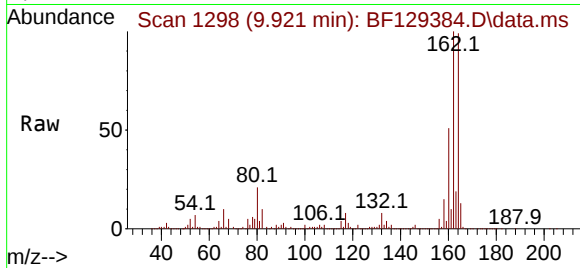




#57
2,4-Dinitrotoluene
Concen: 6.420 ng
RT: 9.921 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

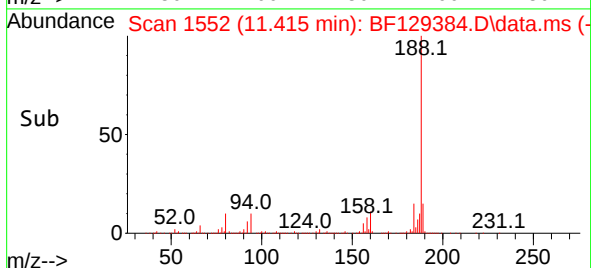
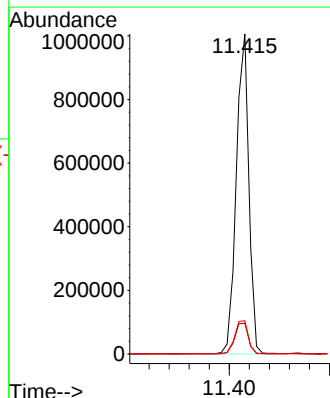
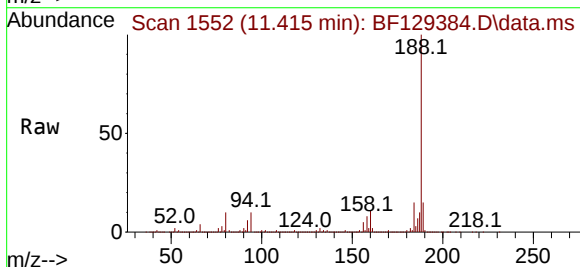
Instrument :
BNA_F
ClientSampleId :
2-INCH

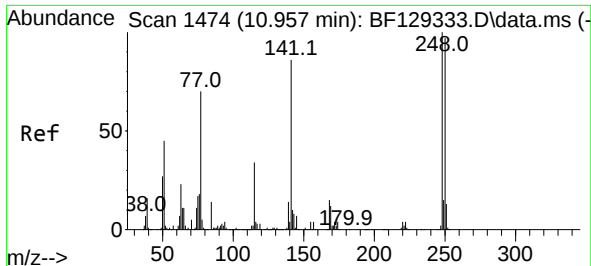
Tgt Ion:165 Resp: 69074
Ion Ratio Lower Upper
165 100
63 8.7 39.8 59.6#
89 5.9 60.2 90.2#
182 0.2 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.415 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion:188 Resp: 873371
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.4 7.6 11.4

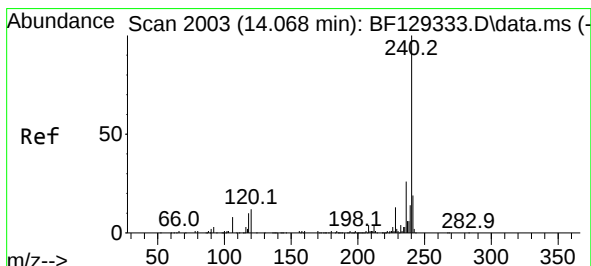
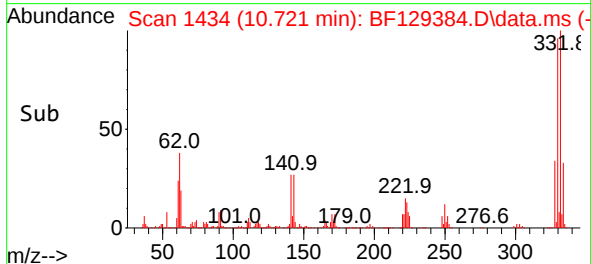
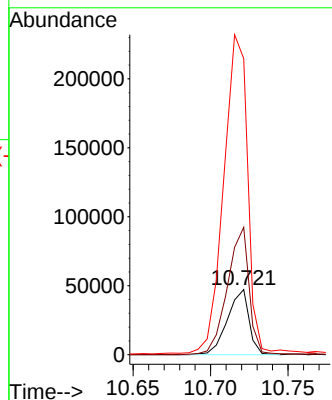
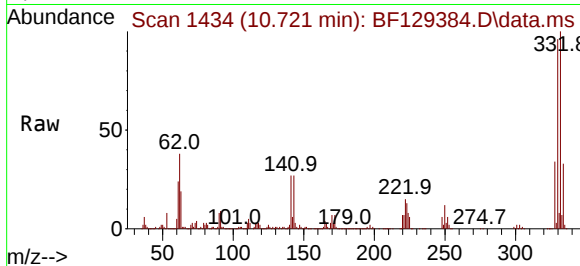




#67
4-Bromophenyl-phenylether
Concen: 4.771 ng
RT: 10.721 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

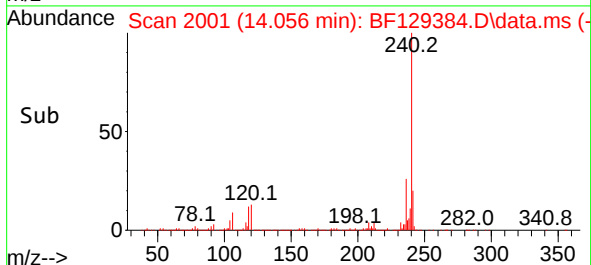
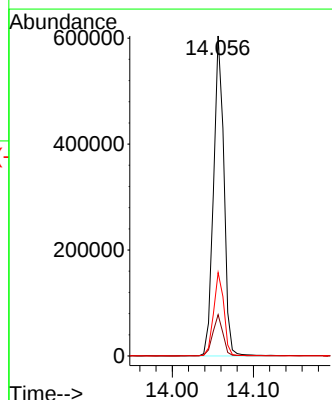
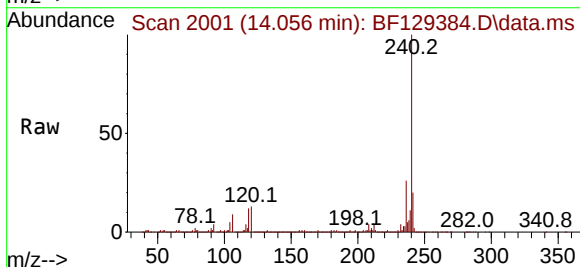
Instrument :
BNA_F
ClientSampleId :
2-INCH

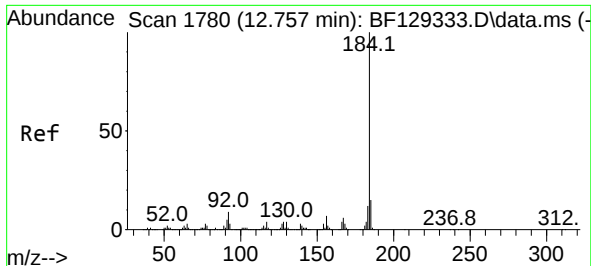
Tgt Ion:248 Resp: 45632
Ion Ratio Lower Upper
248 100
250 195.5 80.6 120.8#
141 454.9 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.056 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion:240 Resp: 535955
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 26.1 20.8 31.2

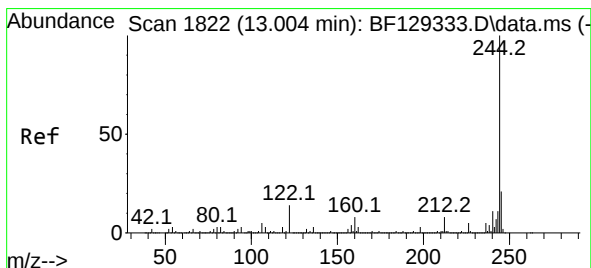
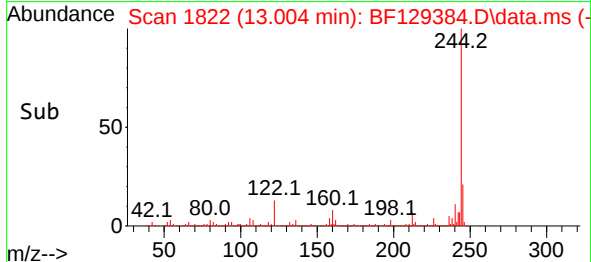
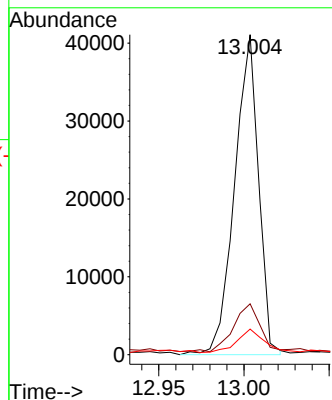
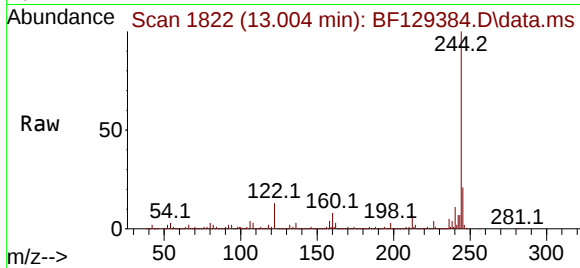




#77
Benzidine
Concen: 2.121 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

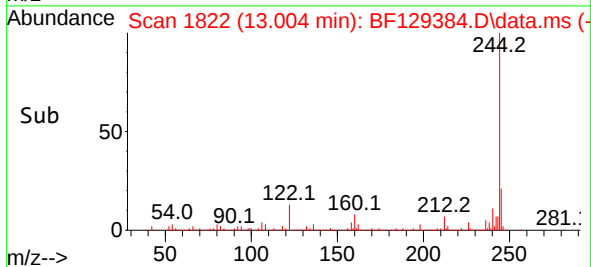
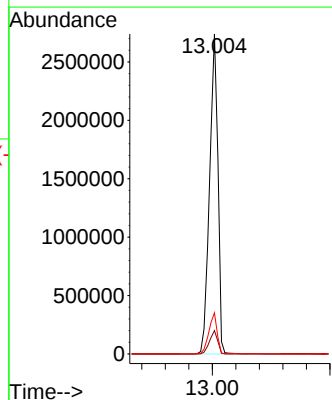
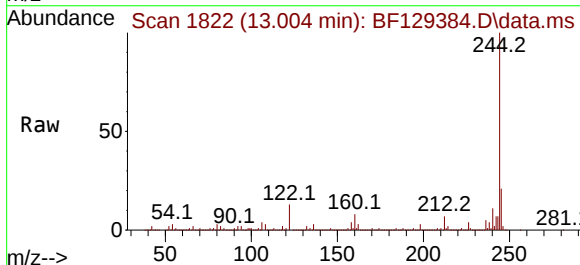
Instrument :
BNA_F
ClientSampleId :
2-INCH

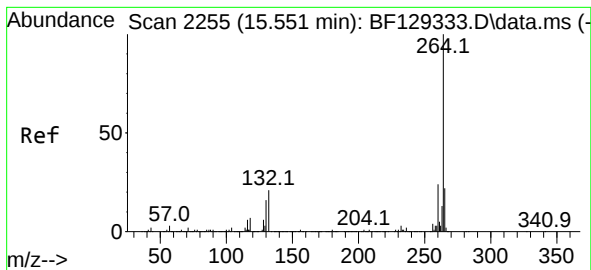
Tgt Ion:184 Resp: 40160
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 8.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 94.555 ng
RT: 13.004 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF129384.D
Acq: 27 Jul 2022 19:24

Tgt Ion:244 Resp: 2686208
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 12.8 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129384.D
 Acq: 27 Jul 2022 19:24

Instrument :
 BNA_F
 ClientSampleId :
 2-INCH

Tgt Ion:264 Resp: 439908
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 21.6 17.2 25.8

