

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129076.D
 Acq On : 01 Jul 2022 00:01
 Operator : CG\JU
 Sample : N3434-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2206-35

Quant Time: Jul 01 05:45:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

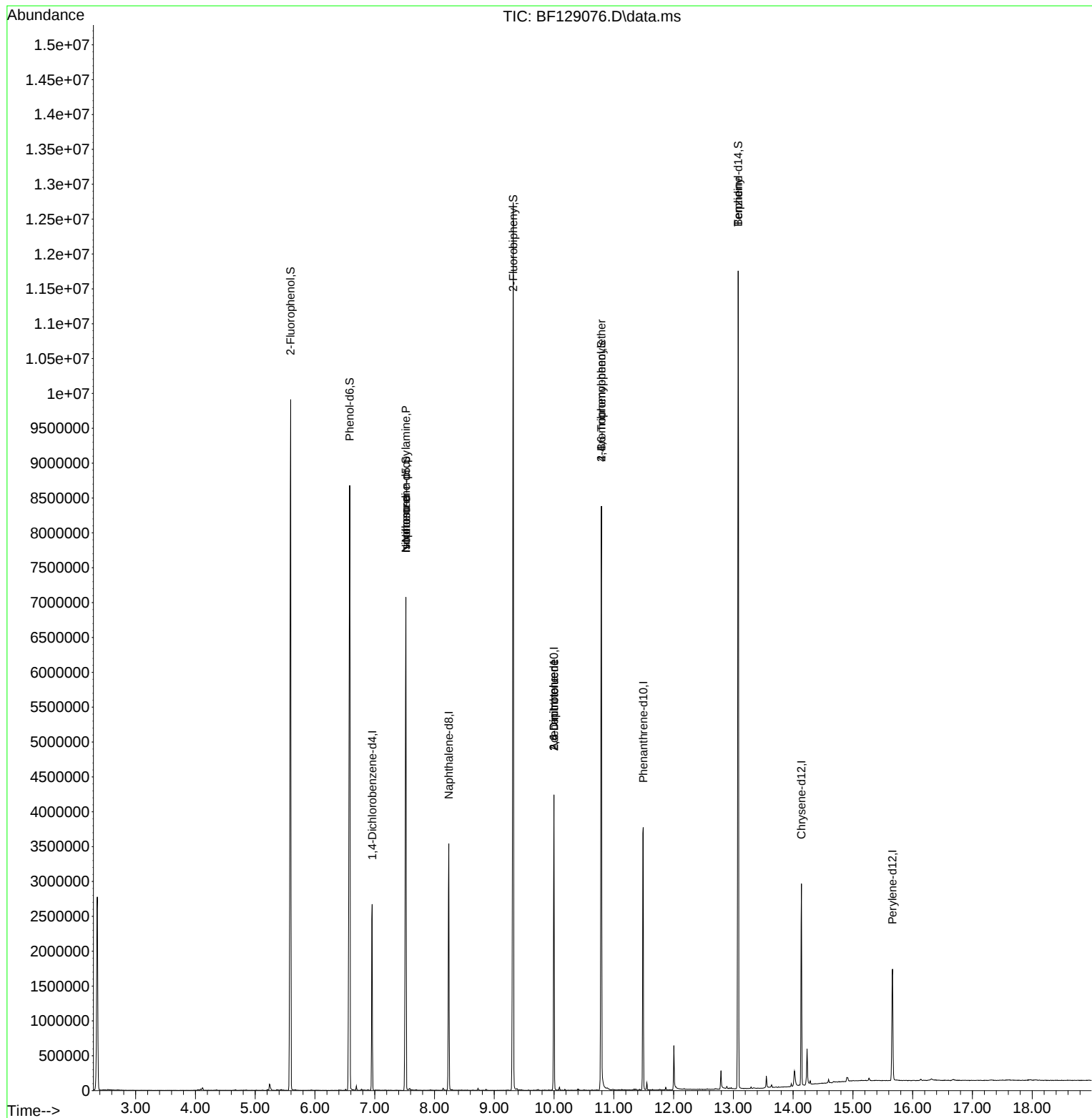
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	407101	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	1560873	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	803399	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1433640	20.000	ng	0.00
76) Chrysene-d12	14.139	240	942088	20.000	ng	-0.01
86) Perylene-d12	15.663	264	761492	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	3150683	130.843	ng	0.00
7) Phenol-d6	6.581	99	4006548	133.970	ng	0.00
23) Nitrobenzene-d5	7.522	82	2458675	93.955	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1209406	138.443	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4072859	81.102	ng	0.00
79) Terphenyl-d14	13.080	244	4184389	92.236	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	6521	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.522	70	329123	19.024	ng	# 70
25) Isophorone	7.522	82	2382858	53.879	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	107233	10.441	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	107233	8.457	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	72055	4.725	ng	# 1
77) Benzydine	13.080	184	62642	3.734	ng	# 92

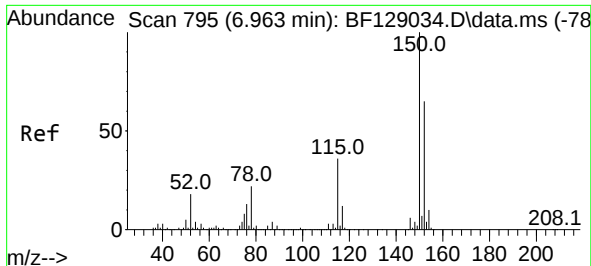
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129076.D
Acq On : 01 Jul 2022 00:01
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_F
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Quant Time: Jul 01 05:45:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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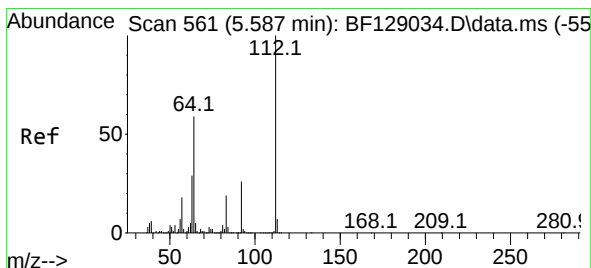
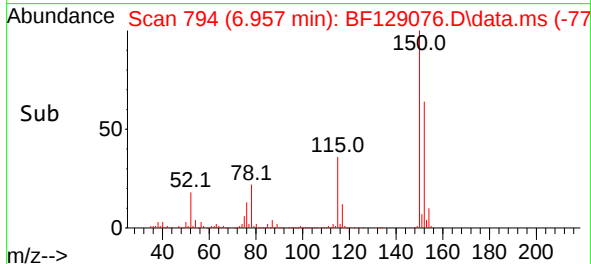
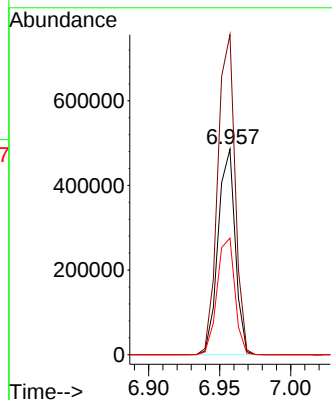
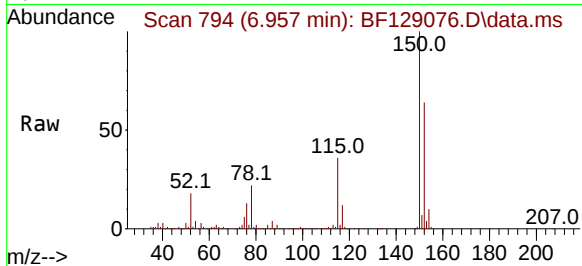




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129076.D
Acq: 01 Jul 2022 00:01

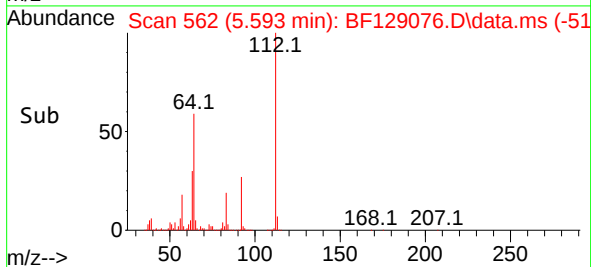
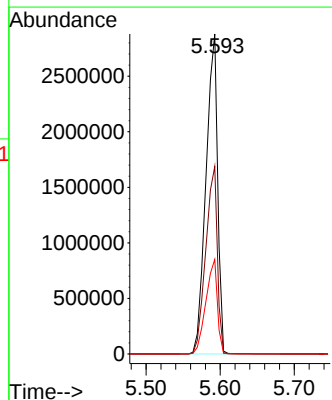
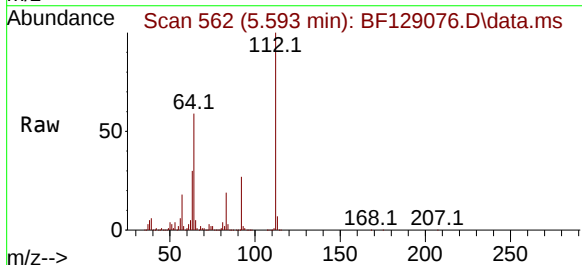
Instrument :
BNA_F
ClientSampleId :
B2206-35

Tgt Ion:152 Resp: 407101
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 56.8 49.9 74.9



#5
2-Fluorophenol
Concen: 130.843 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129076.D
Acq: 01 Jul 2022 00:01

Tgt Ion:112 Resp: 3150683
Ion Ratio Lower Upper
112 100
64 58.6 53.3 79.9
63 29.5 28.0 42.0

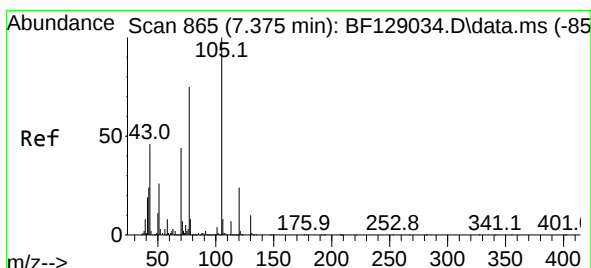
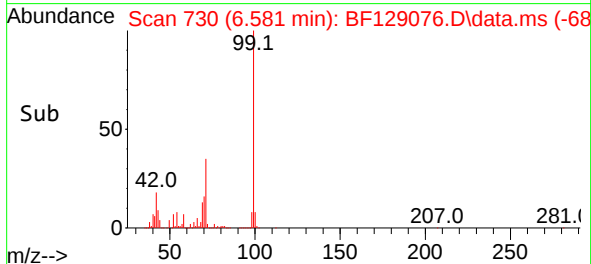
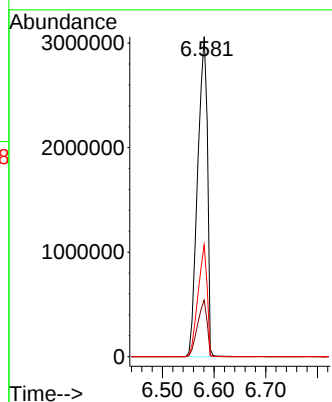
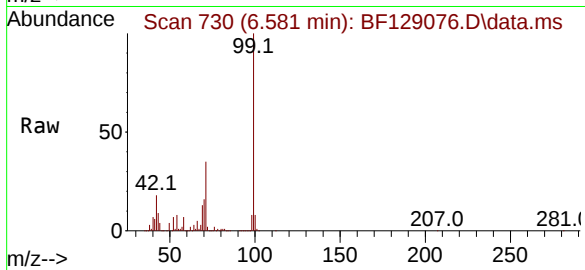




#7
Phenol-d6
Concen: 133.970 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129076.D
Acq: 01 Jul 2022 00:01

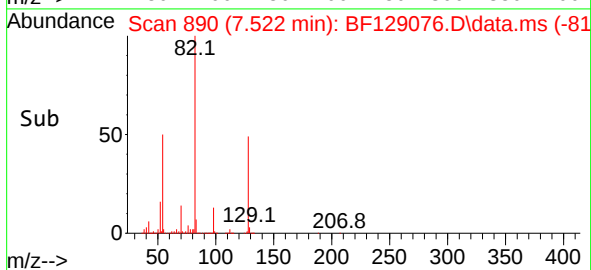
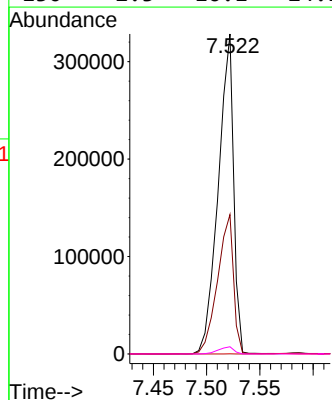
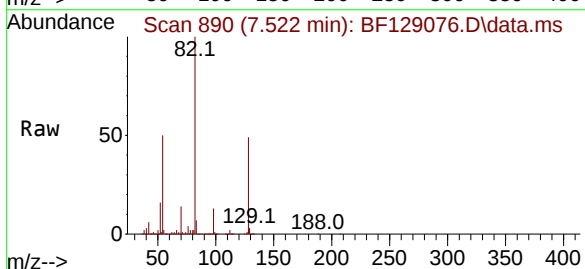
Instrument :
BNA_F
ClientSampleId :
B2206-35

Tgt Ion: 99 Resp: 4006548
Ion Ratio Lower Upper
99 100
42 17.7 17.3 25.9
71 34.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.024 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129076.D
Acq: 01 Jul 2022 00:01

Tgt Ion: 70 Resp: 329123
Ion Ratio Lower Upper
70 100
42 43.6 52.3 78.5#
101 0.1 7.5 11.3#
130 2.3 16.1 24.1#

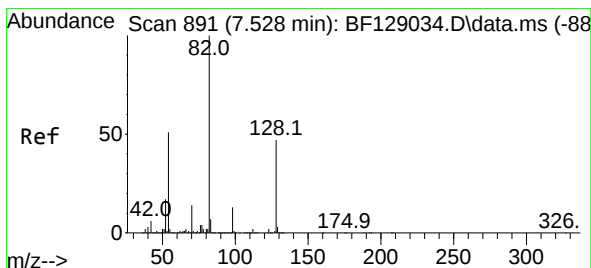
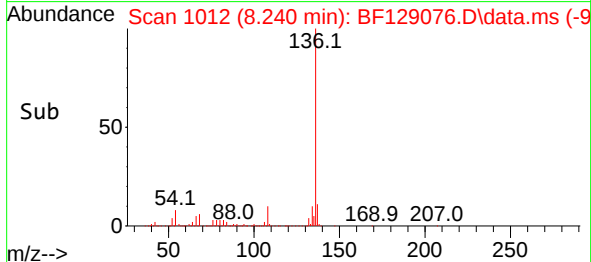
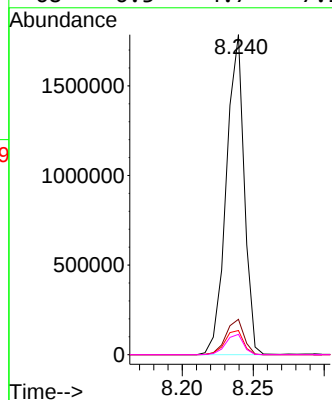
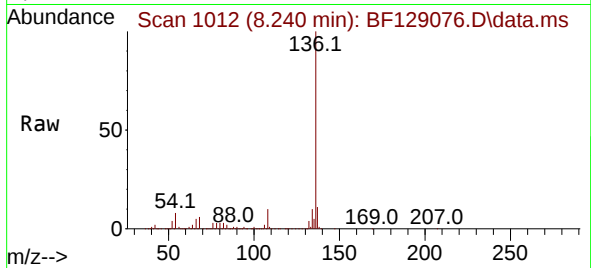




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BF129076.D
Acq: 01 Jul 2022 00:01

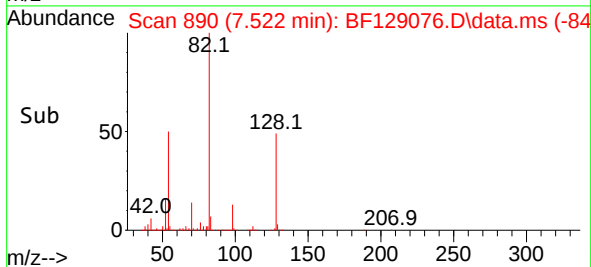
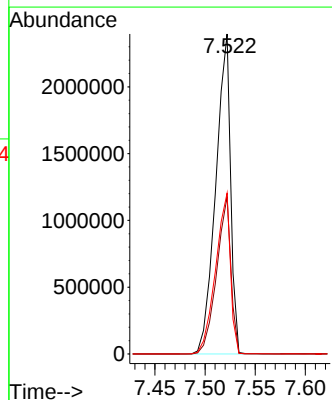
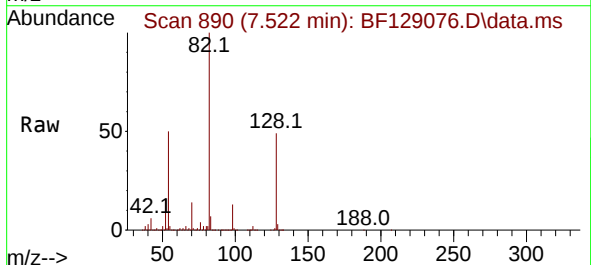
Instrument :
BNA_F
ClientSampleId :
B2206-35

Tgt Ion:136 Resp: 1560873
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 7.5 11.3
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 93.955 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129076.D
Acq: 01 Jul 2022 00:01

Tgt Ion: 82 Resp: 2458675
Ion Ratio Lower Upper
82 100
128 49.1 34.0 51.0
54 50.2 46.9 70.3

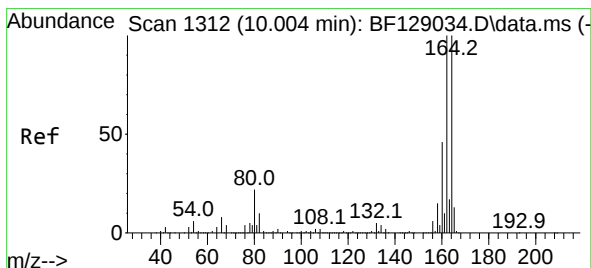
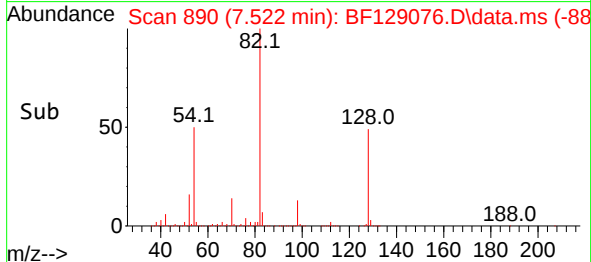
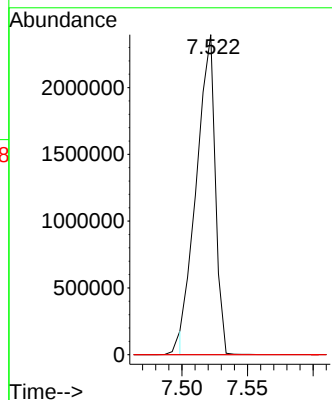
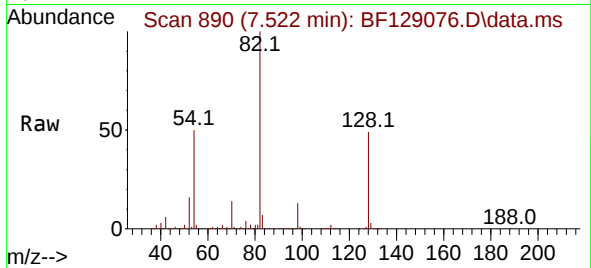




#25
Isophorone
Concen: 53.879 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF129076.D
Acq: 01 Jul 2022 00:01

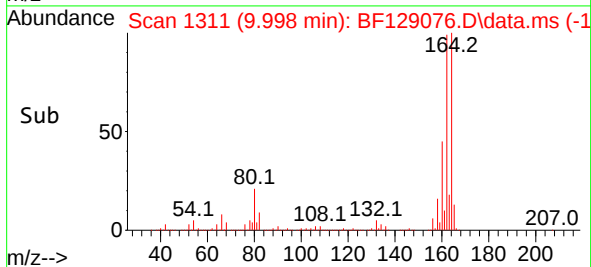
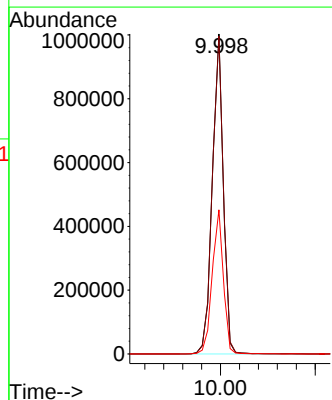
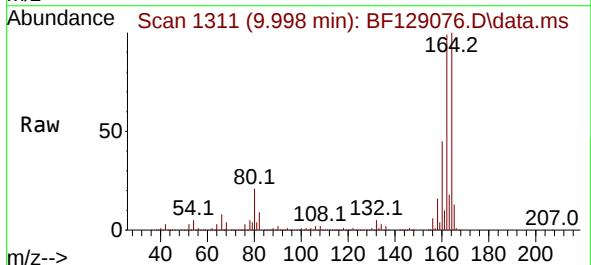
Instrument :
BNA_F
ClientSampleId :
B2206-35

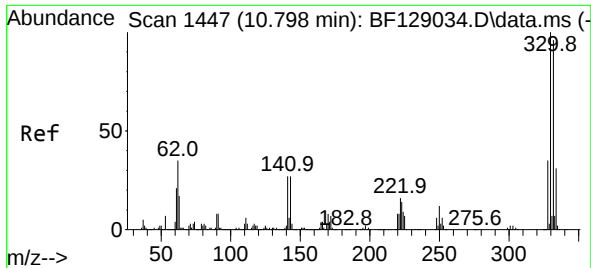
Tgt Ion: 82 Resp: 2382858
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129076.D
Acq: 01 Jul 2022 00:01

Tgt Ion:164 Resp: 803399
Ion Ratio Lower Upper
164 100
162 99.3 79.5 119.3
160 45.1 34.2 51.4

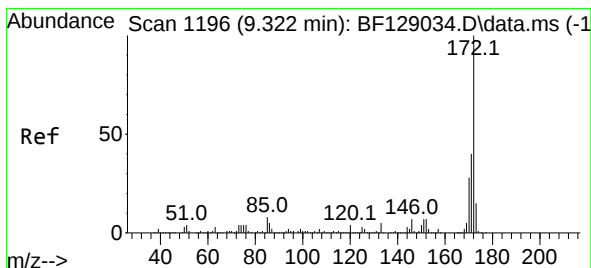
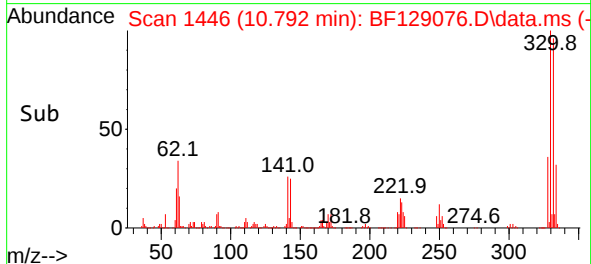
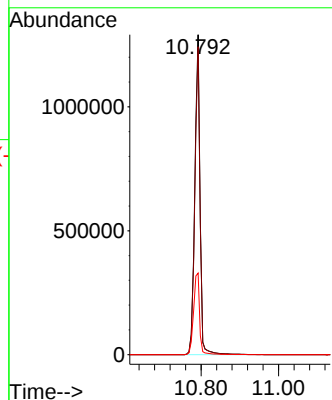
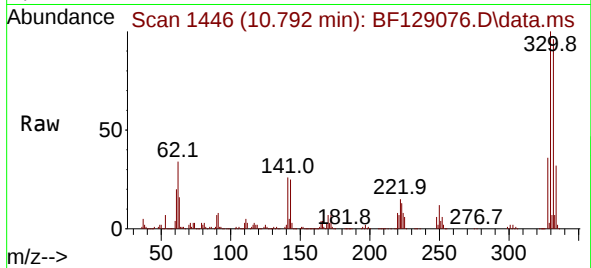




#42
2,4,6-Tribromophenol
Concen: 138.443 ng
RT: 10.792 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF129076.D
Acq: 01 Jul 2022 00:01

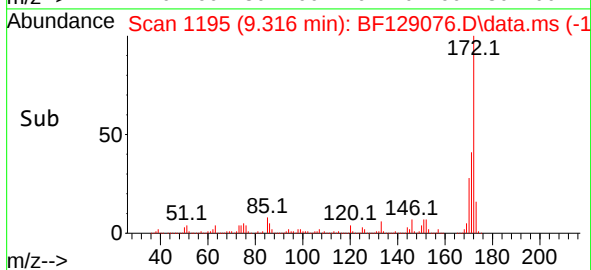
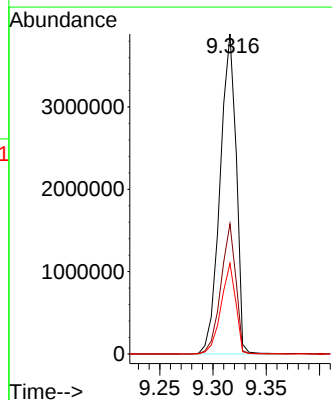
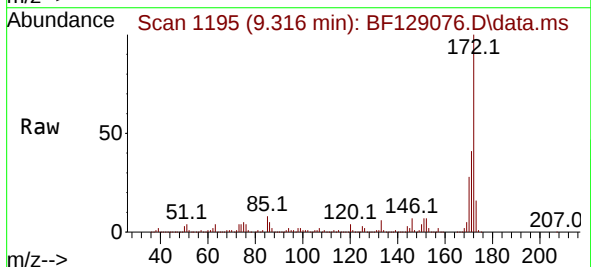
Instrument :
BNA_F
ClientSampleId :
B2206-35

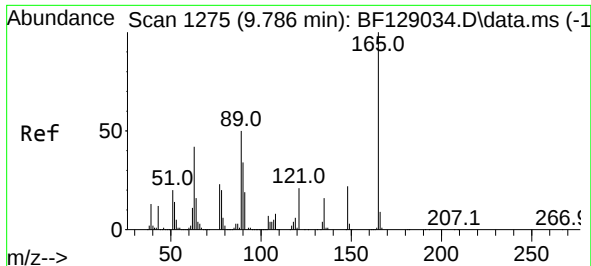
Tgt Ion:330 Resp: 1209406
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 29.6 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 81.102 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129076.D
Acq: 01 Jul 2022 00:01

Tgt Ion:172 Resp: 4072859
Ion Ratio Lower Upper
172 100
171 40.7 28.8 43.2
170 28.3 19.8 29.8

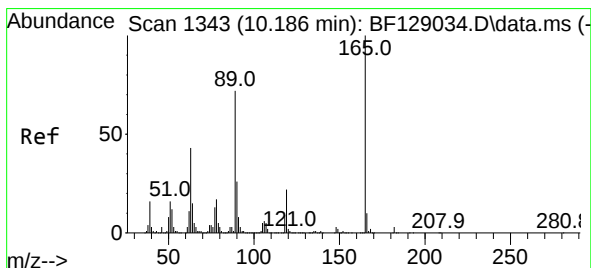
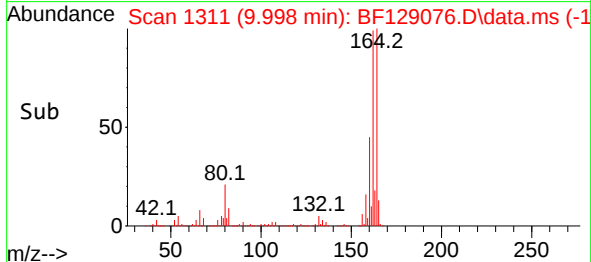
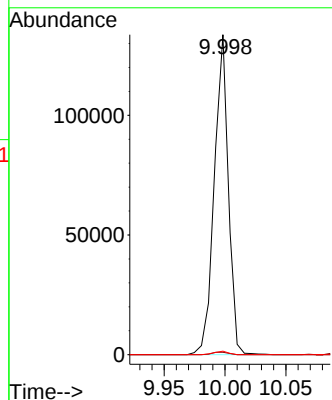
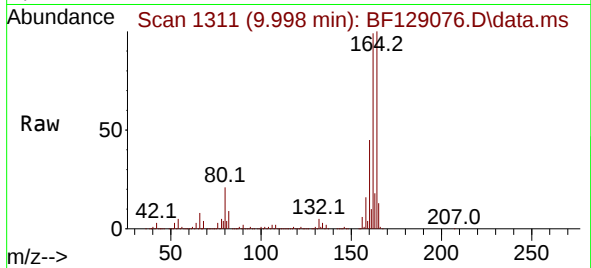




#51
2,6-Dinitrotoluene
Concen: 10.441 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129076.D
Acq: 01 Jul 2022 00:01

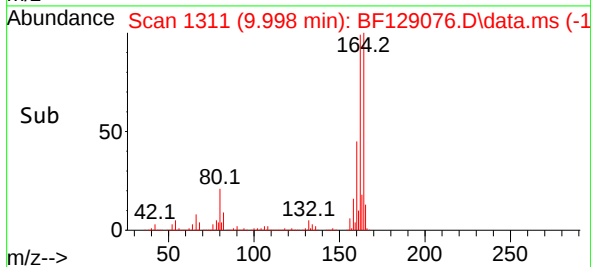
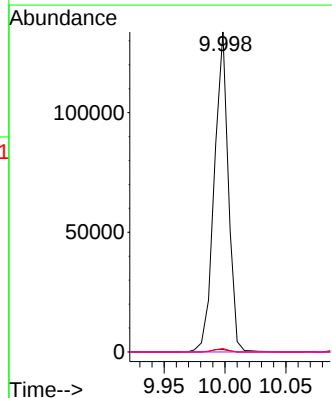
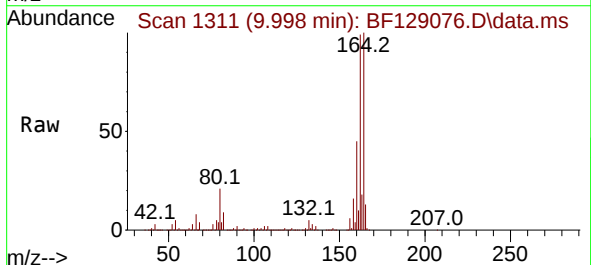
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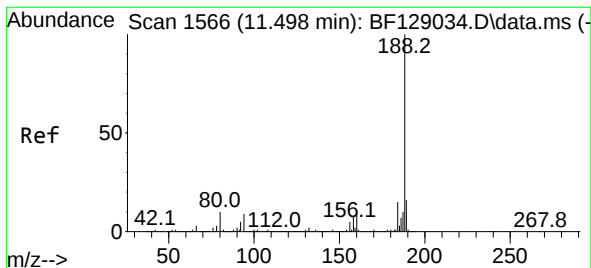
Tgt Ion:165 Resp: 107233
Ion Ratio Lower Upper
165 100
63 0.7 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.457 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129076.D
Acq: 01 Jul 2022 00:01

Tgt Ion:165 Resp: 107233
Ion Ratio Lower Upper
165 100
63 0.7 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129076.D

Acq: 01 Jul 2022 00:01

Instrument :

BNA_F

ClientSampleId :

B2206-35

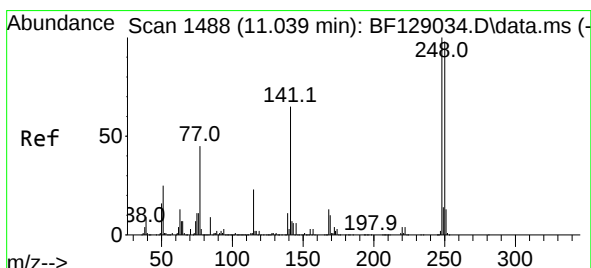
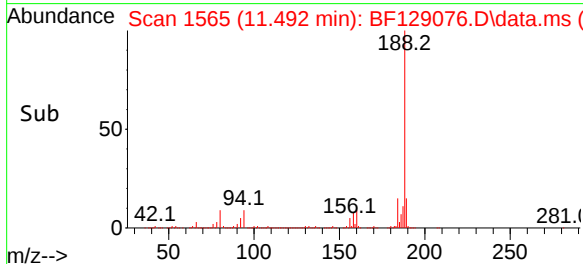
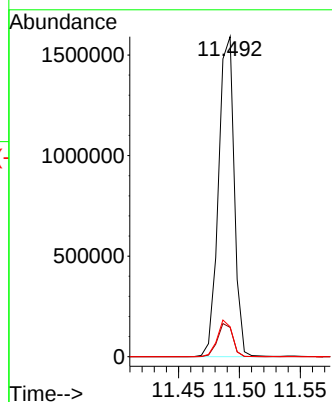
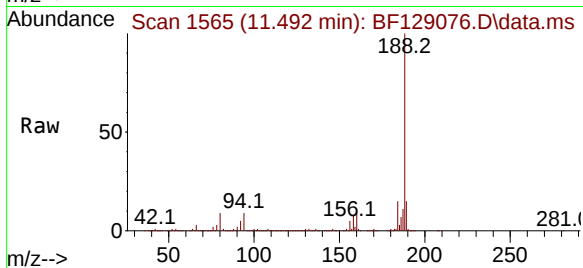
Tgt Ion:188 Resp: 1433640

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 9.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.725 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129076.D

Acq: 01 Jul 2022 00:01

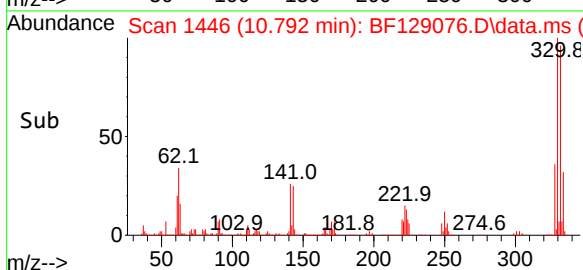
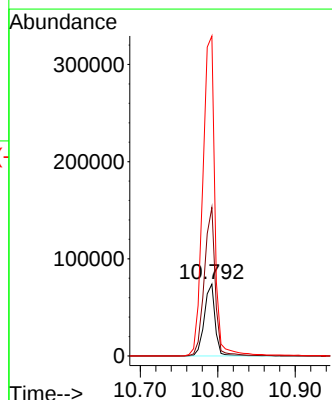
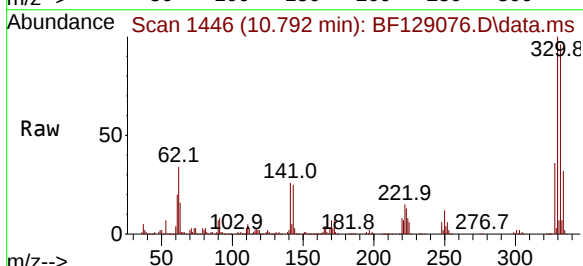
Tgt Ion:248 Resp: 72055

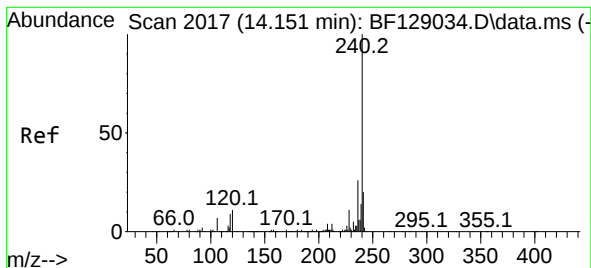
Ion Ratio Lower Upper

248 100

250 206.7 80.6 120.8#

141 445.3 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF129076.D

Acq: 01 Jul 2022 00:01

Instrument :

BNA_F

ClientSampleId :

B2206-35

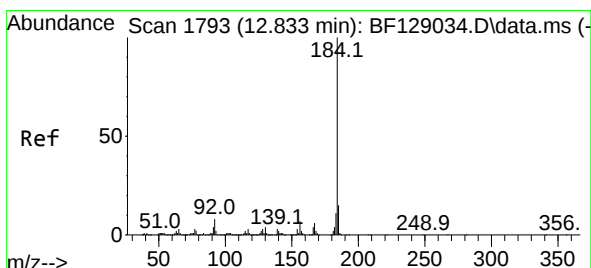
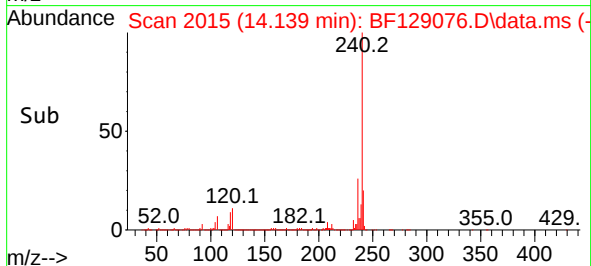
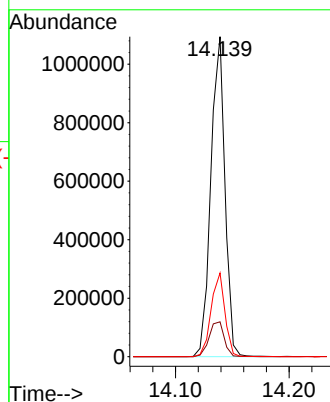
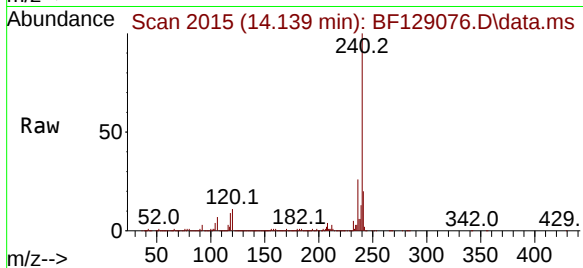
Tgt Ion:240 Resp: 942088

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 26.1 20.8 31.2



#77

Benzidine

Concen: 3.734 ng

RT: 13.080 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF129076.D

Acq: 01 Jul 2022 00:01

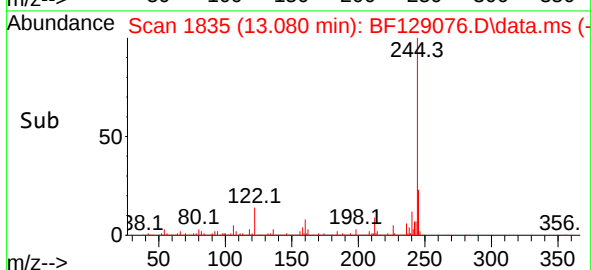
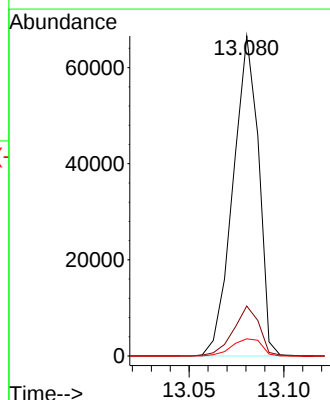
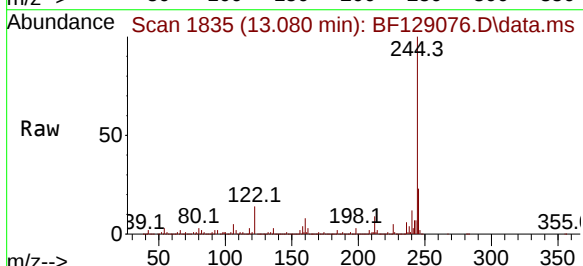
Tgt Ion:184 Resp: 62642

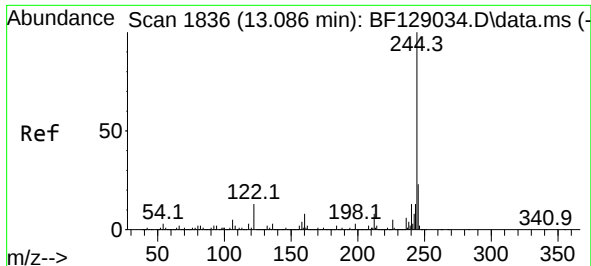
Ion Ratio Lower Upper

184 100

185 15.6 11.9 17.9

183 5.4 9.3 13.9#

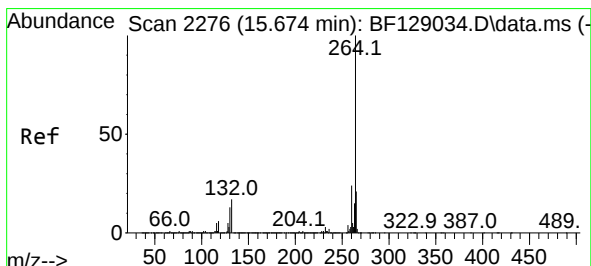
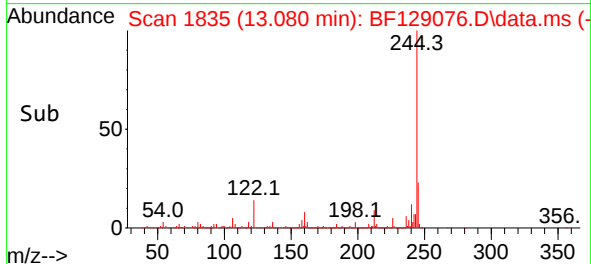
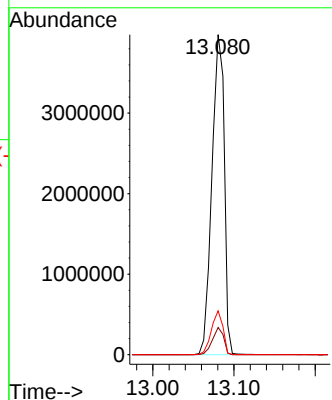
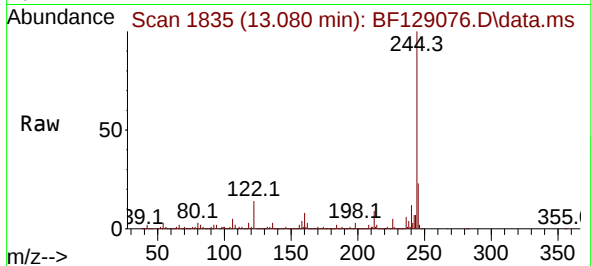




#79
 Terphenyl-d14
 Concen: 92.236 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129076.D
 Acq: 01 Jul 2022 00:01

Instrument :
 BNA_F
 ClientSampleId :
 B2206-35

Tgt Ion:244 Resp: 4184389
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.1 9.1
 122 13.7 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129076.D
 Acq: 01 Jul 2022 00:01

Tgt Ion:264 Resp: 761492
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.4 17.2 25.8

