

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
 Data File : BF127789.D
 Acq On : 13 Apr 2022 17:42
 Operator : CG\JU
 Sample : N2334-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19R

Quant Time: Apr 14 02:33:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

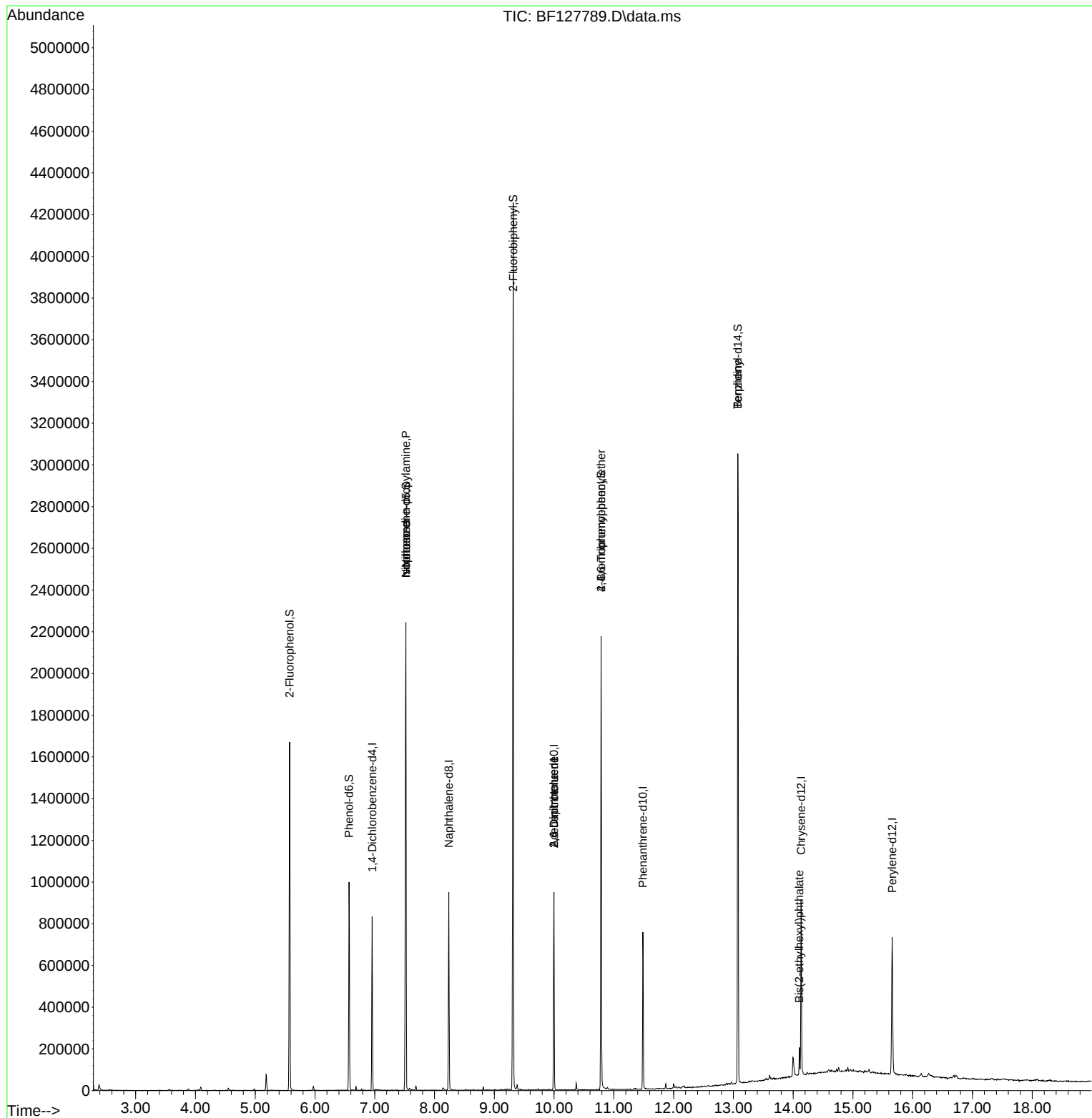
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	111618	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	369719	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	180877	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	270826	20.000	ng	0.00
76) Chrysene-d12	14.133	240	281114	20.000	ng	-0.01
86) Perylene-d12	15.657	264	317351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	398642	58.033	ng	0.00
7) Phenol-d6	6.569	99	294316	32.751	ng	-0.02
23) Nitrobenzene-d5	7.522	82	748510	90.257	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	235820	122.517	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1223377	95.682	ng	0.00
79) Terphenyl-d14	13.074	244	1104788	64.869	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	93	Below Cal		89
19) n-Nitroso-di-n-propyla...	7.522	70	102428	17.623	ng	# 73
25) Isophorone	7.522	82	745453	51.514	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	23254	9.409	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	23254	7.589	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	15302	4.656	ng	# 1
77) Benzidine	13.074	184	15940	2.172	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.104	149	29472	2.366	ng	96

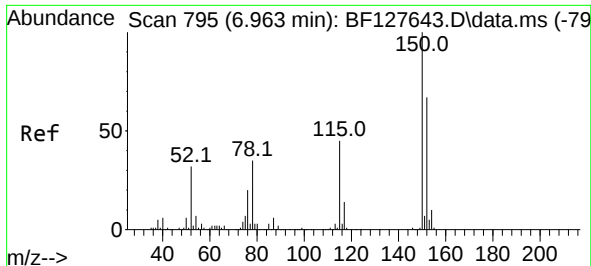
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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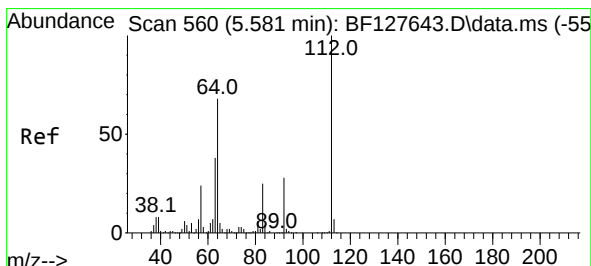
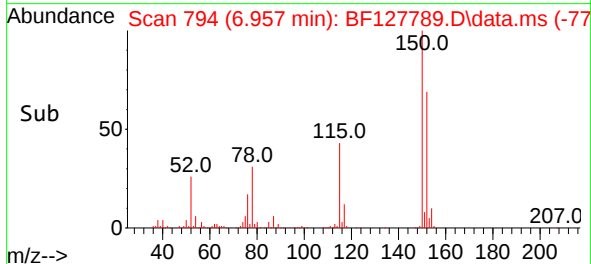
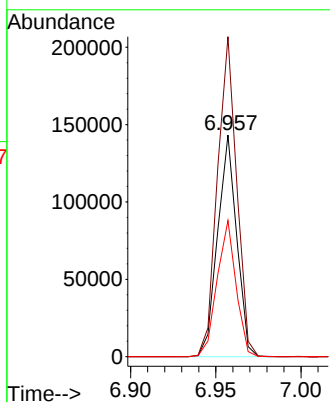
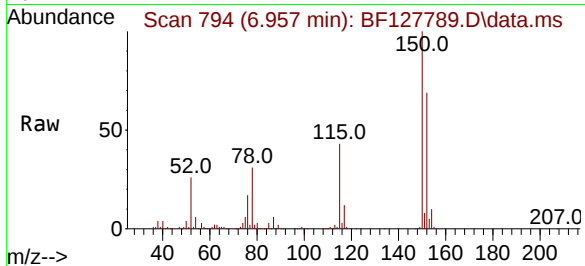




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF127789.D
 Acq: 13 Apr 2022 17:42

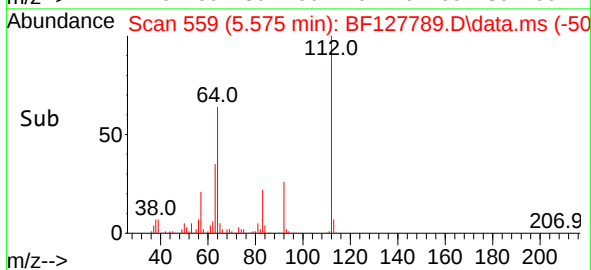
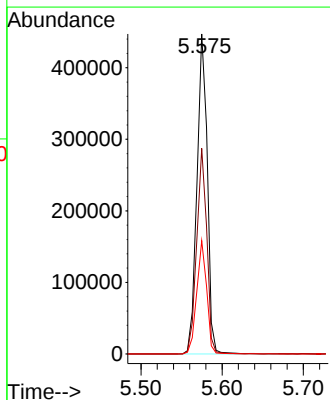
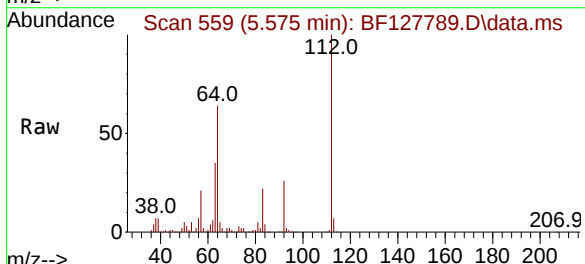
Instrument :
 BNA_F
 ClientSampleId :
 MW-19R

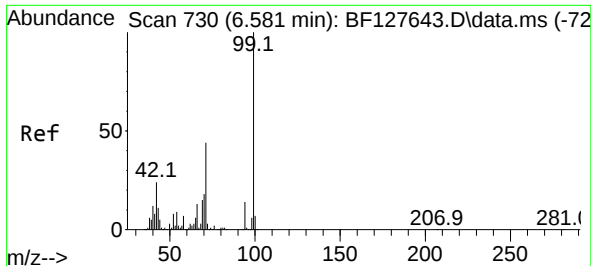
Tgt Ion:152 Resp: 111618
 Ion Ratio Lower Upper
 152 100
 150 144.4 117.2 175.8
 115 61.4 49.8 74.6



#5
 2-Fluorophenol
 Concen: 58.033 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: BF127789.D
 Acq: 13 Apr 2022 17:42

Tgt Ion:112 Resp: 398642
 Ion Ratio Lower Upper
 112 100
 64 64.3 58.4 87.6
 63 35.4 30.1 45.1

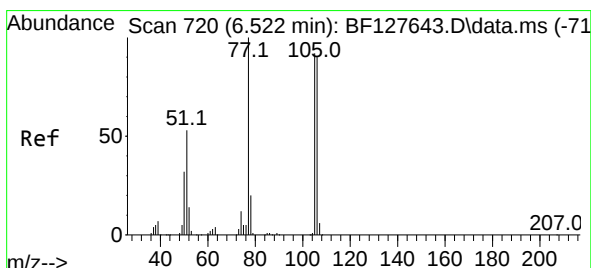
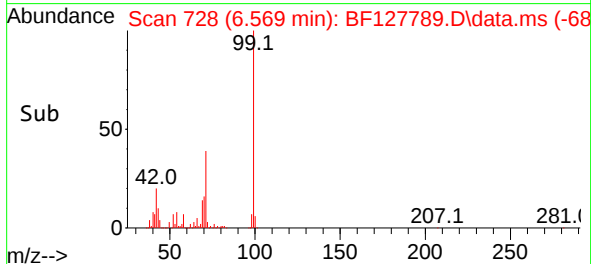
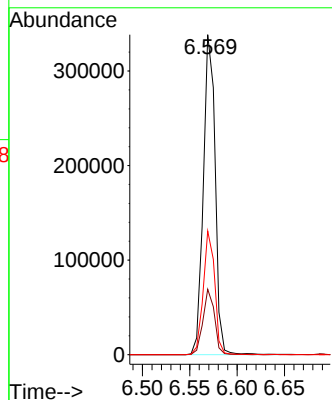
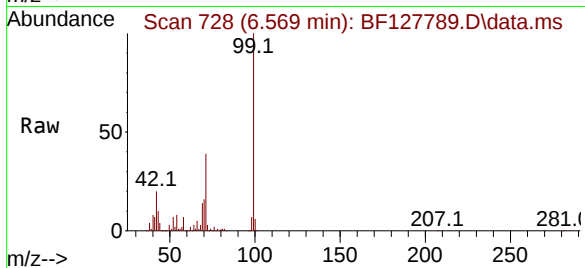




#7
Phenol-d6
Concen: 32.751 ng
RT: 6.569 min Scan# 718
Delta R.T. -0.018 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

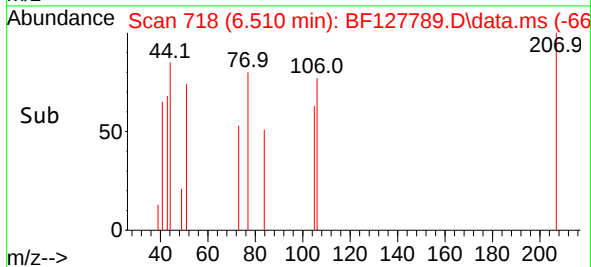
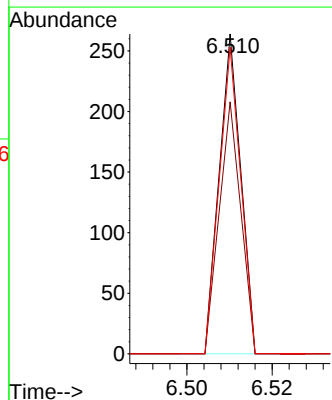
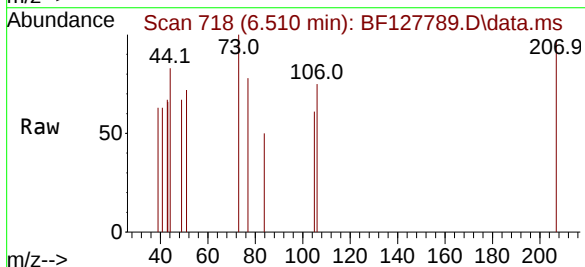
Instrument :
BNA_F
ClientSampleId :
MW-19R

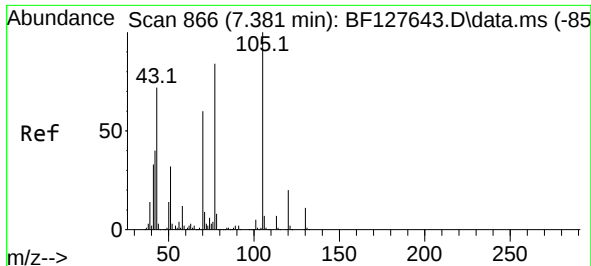
Tgt Ion: 99 Resp: 294316
Ion Ratio Lower Upper
99 100
42 20.4 17.8 26.6
71 38.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

Tgt Ion: 77 Resp: 93
Ion Ratio Lower Upper
77 100
105 78.8 66.8 106.8
106 95.8 64.3 104.3





#19

n-Nitroso-di-n-propylamine

Concen: 17.623 ng

RT: 7.522 min Scan# 890

Delta R.T. 0.147 min

Lab File: BF127789.D

Acq: 13 Apr 2022 17:42

Instrument :

BNA_F

ClientSampleId :

MW-19R

Tgt Ion: 70 Resp: 102428

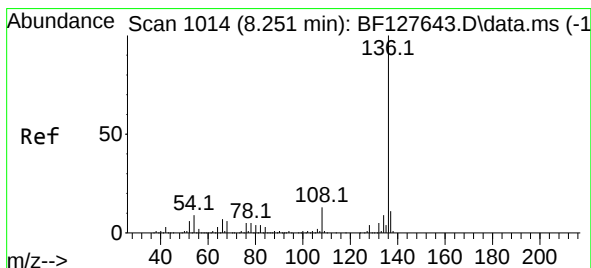
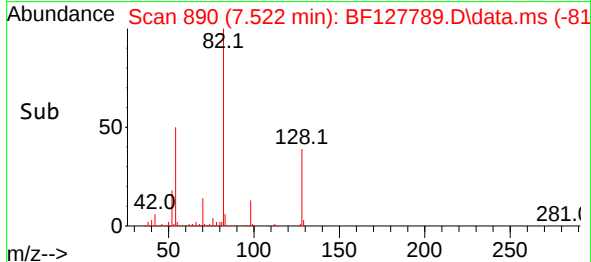
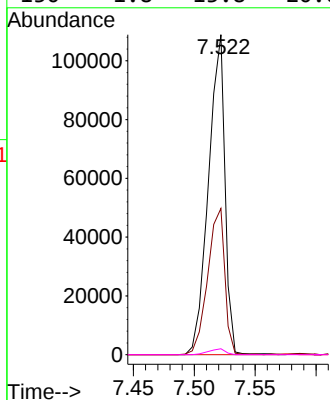
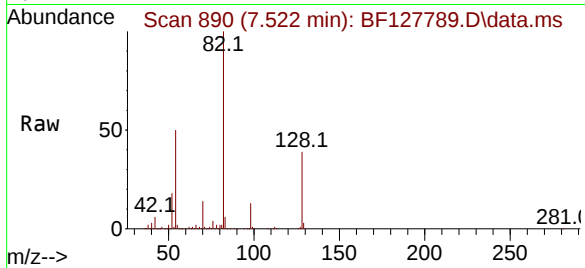
Ion Ratio Lower Upper

70 100

42 45.7 53.0 79.6#

101 0.0 6.8 10.2#

130 1.8 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127789.D

Acq: 13 Apr 2022 17:42

Tgt Ion: 136 Resp: 369719

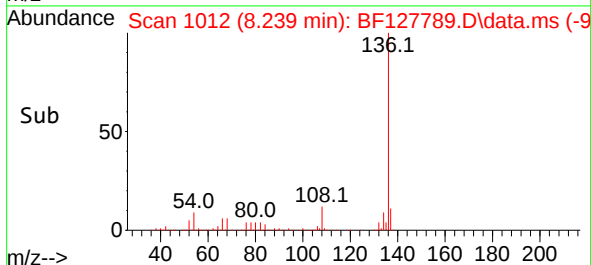
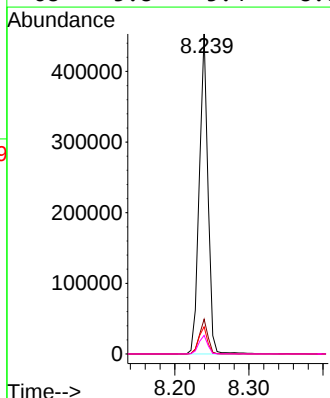
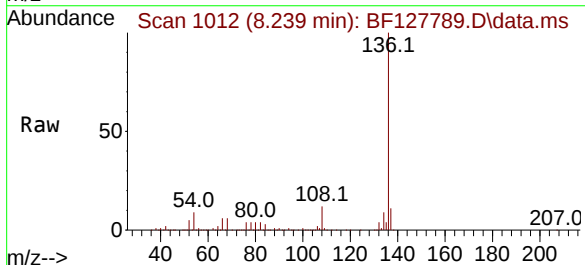
Ion Ratio Lower Upper

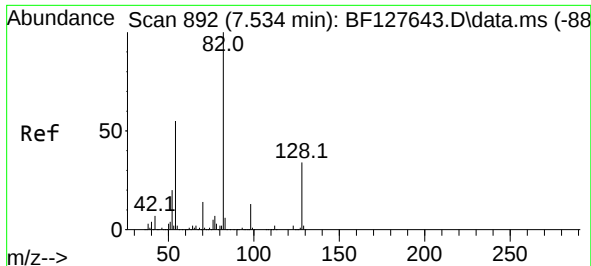
136 100

137 10.8 8.6 13.0

54 8.5 9.2 13.8#

68 5.8 5.4 8.0

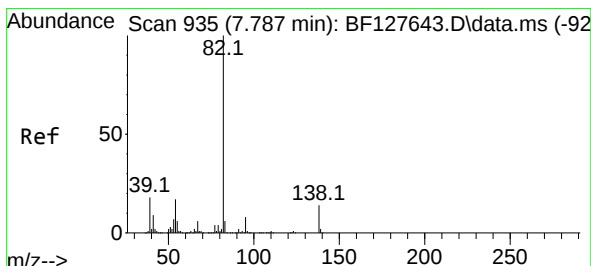
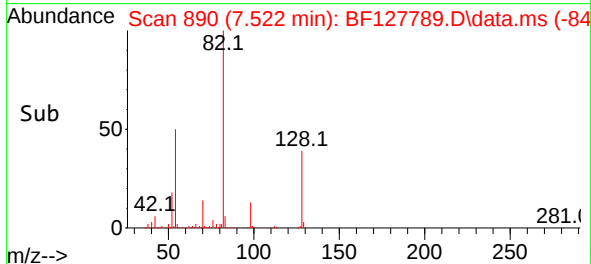
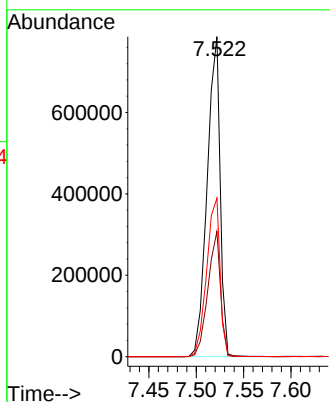
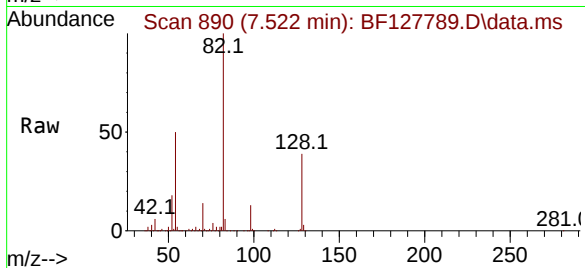




#23
Nitrobenzene-d5
Concen: 90.257 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

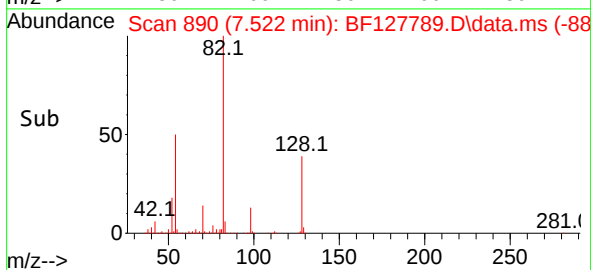
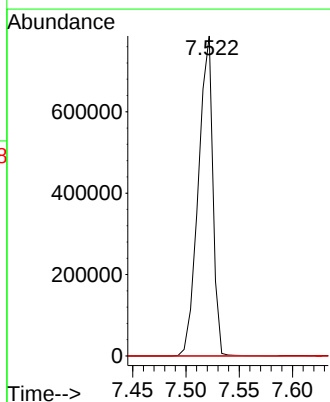
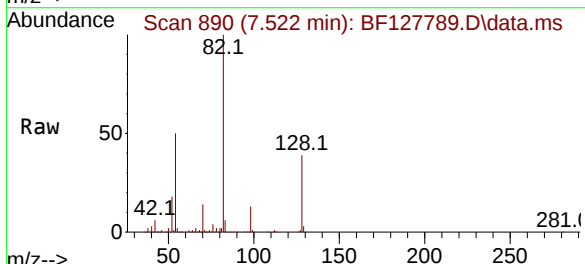
Instrument :
BNA_F
ClientSampleId :
MW-19R

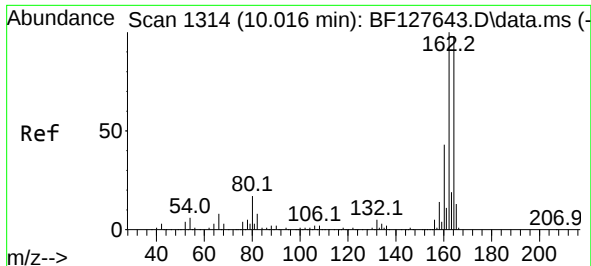
Tgt Ion: 82 Resp: 748510
Ion Ratio Lower Upper
82 100
128 39.2 30.6 45.8
54 49.5 48.2 72.2



#25
Isophorone
Concen: 51.514 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.265 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

Tgt Ion: 82 Resp: 745453
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

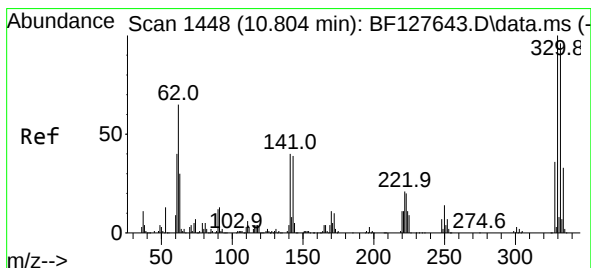
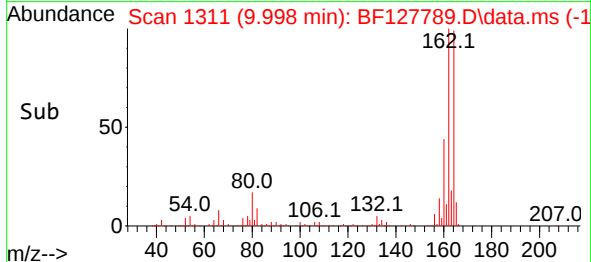
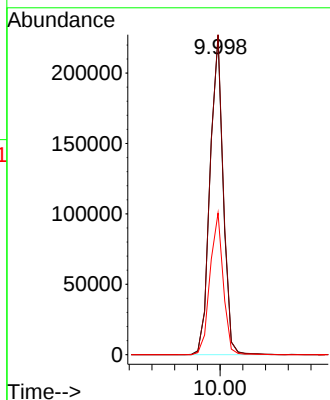
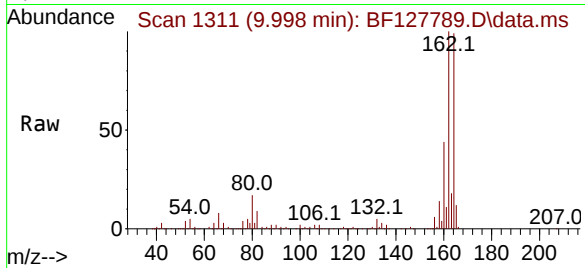




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

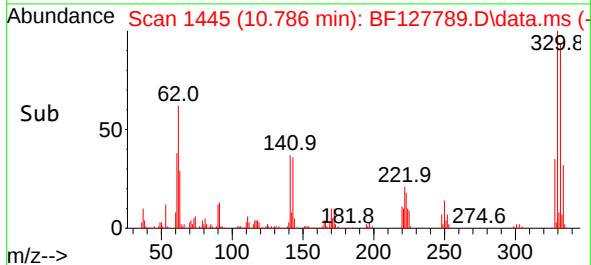
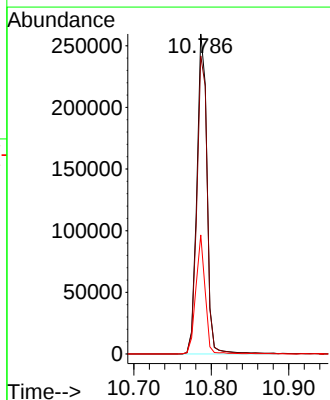
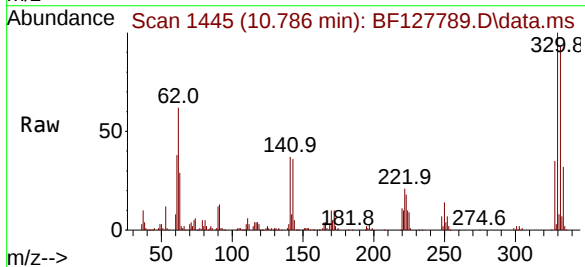
Instrument :
BNA_F
ClientSampleId :
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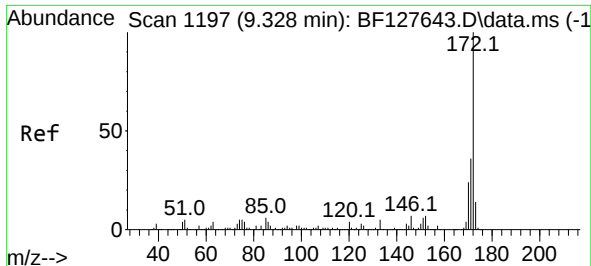
Tgt Ion:164 Resp: 180877
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 44.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 122.517 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

Tgt Ion:330 Resp: 235820
Ion Ratio Lower Upper
330 100
332 95.5 79.1 118.7
141 34.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 95.682 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127789.D

Acq: 13 Apr 2022 17:42

Instrument :

BNA_F

ClientSampleId :

MW-19R

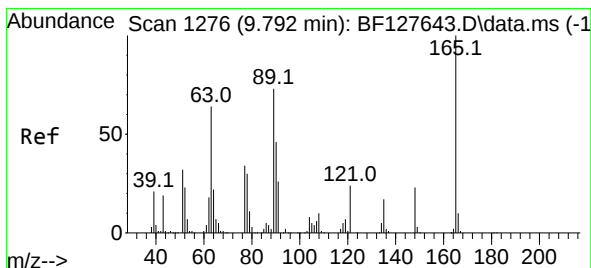
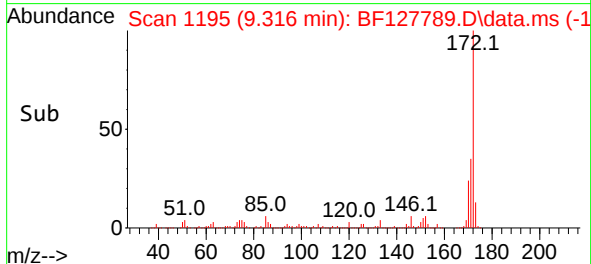
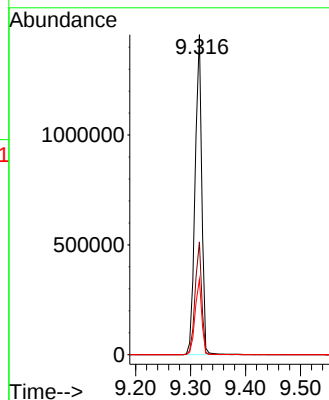
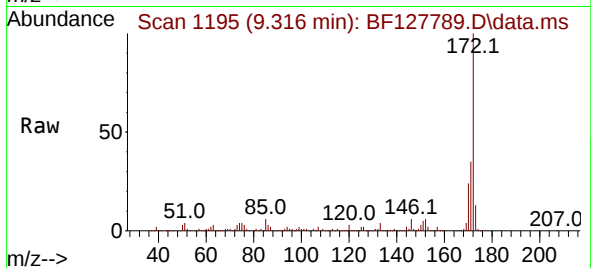
Tgt Ion:172 Resp: 1223377

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.5 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.409 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF127789.D

Acq: 13 Apr 2022 17:42

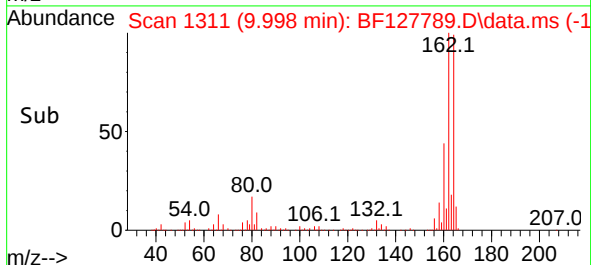
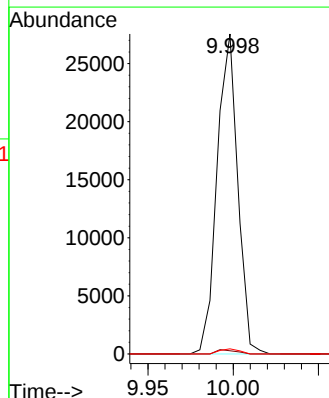
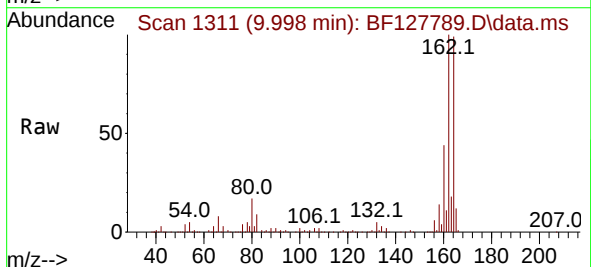
Tgt Ion:165 Resp: 23254

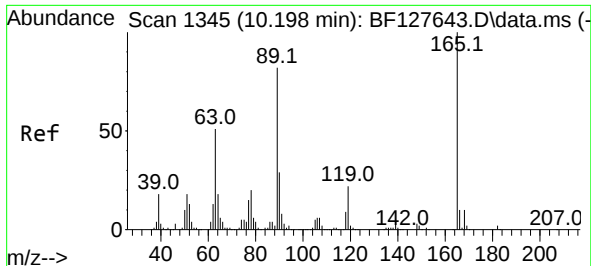
Ion Ratio Lower Upper

165 100

63 1.0 58.3 87.5#

89 1.6 51.5 77.3#

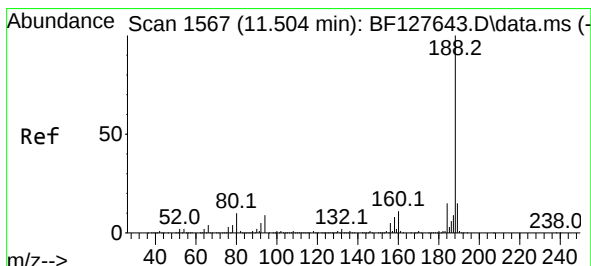
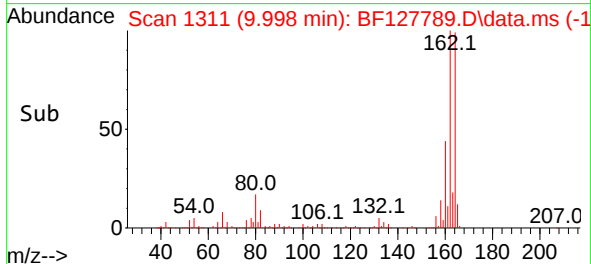
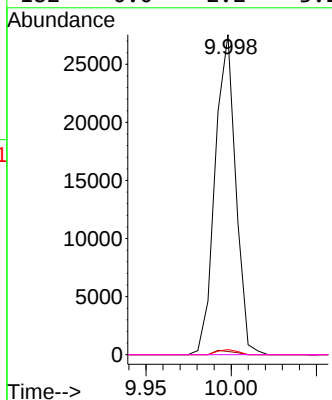
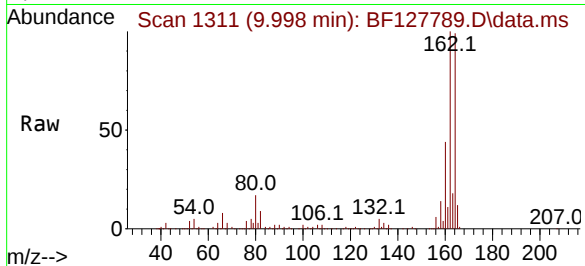




#57
2,4-Dinitrotoluene
Concen: 7.589 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

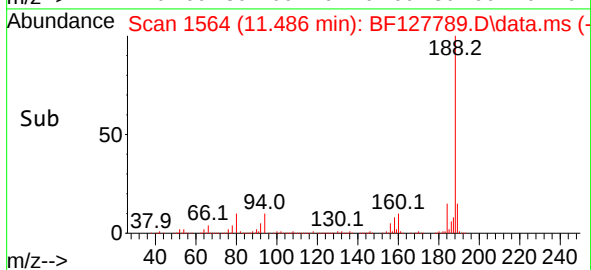
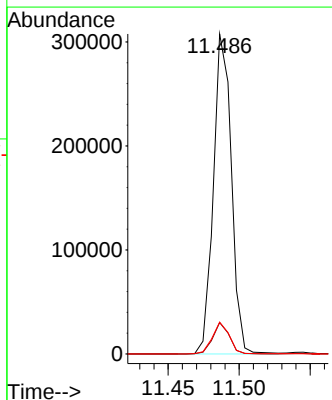
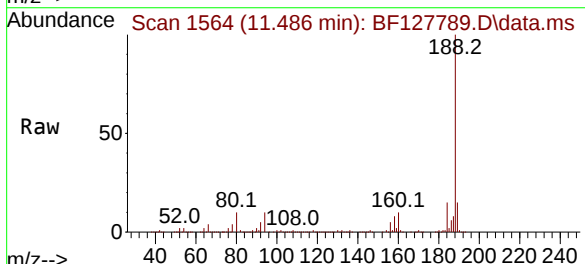
Instrument :
BNA_F
ClientSampleId :
MW-19R

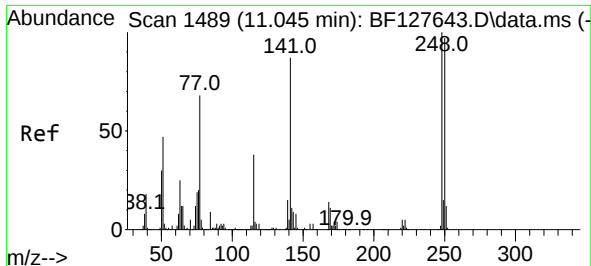
Tgt Ion:165 Resp: 23254
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

Tgt Ion:188 Resp: 270826
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 9.9 8.0 12.0

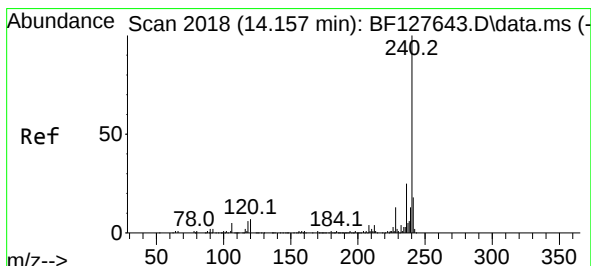
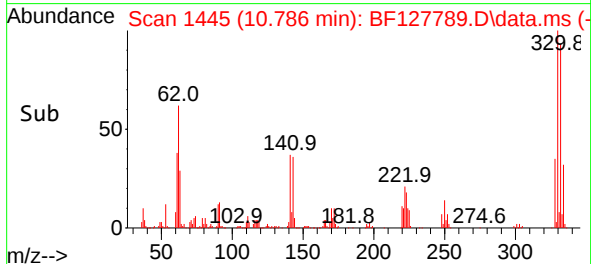
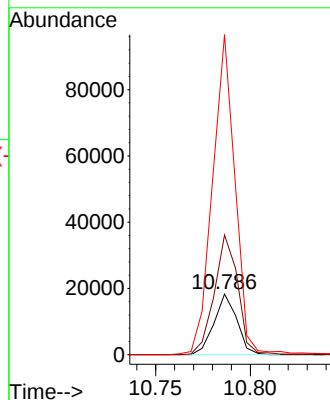
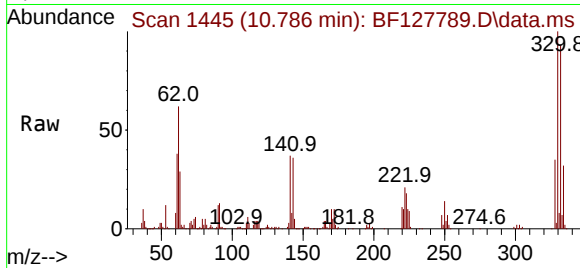




#67
4-Bromophenyl-phenylether
Concen: 4.656 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

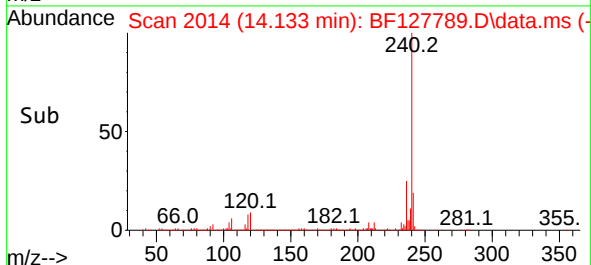
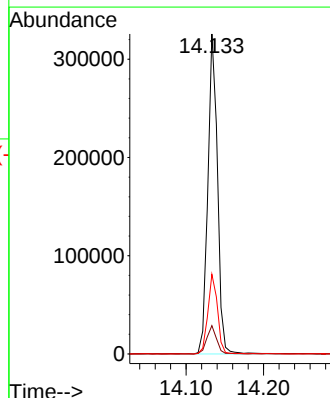
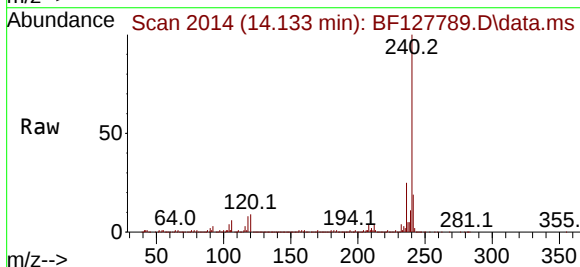
Instrument :
BNA_F
ClientSampleId :
MW-19R

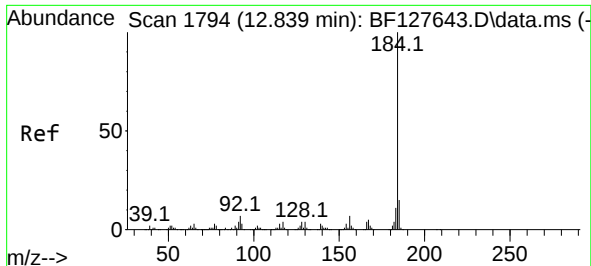
Tgt Ion:248 Resp: 15302
Ion Ratio Lower Upper
248 100
250 197.4 76.6 115.0#
141 527.9 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

Tgt Ion:240 Resp: 281114
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 24.9 20.7 31.1

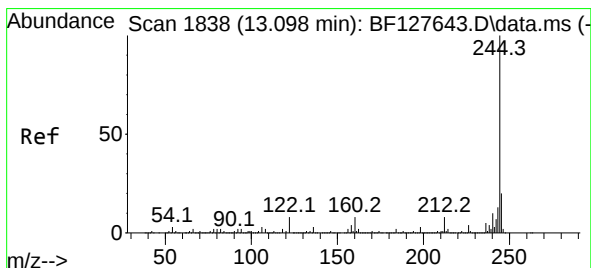
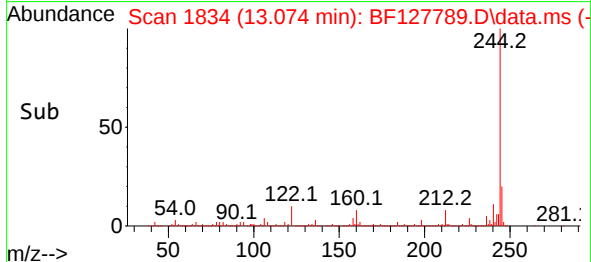
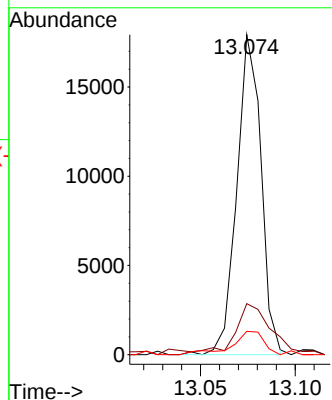
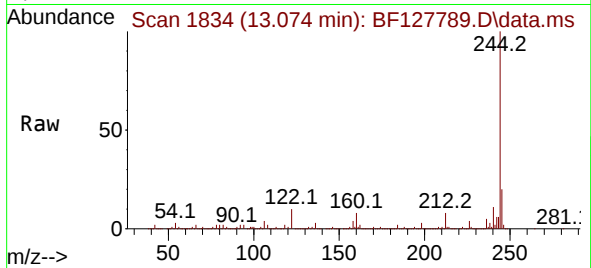




#77
Benzidine
Concen: 2.172 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.247 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

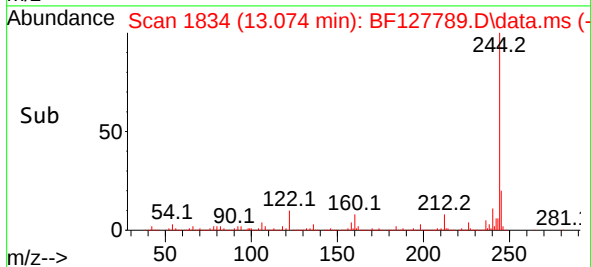
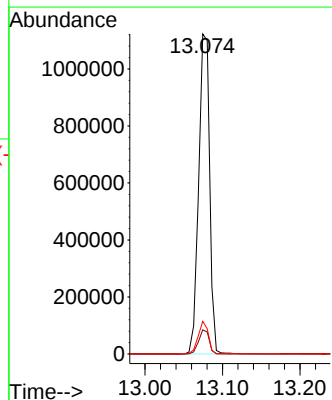
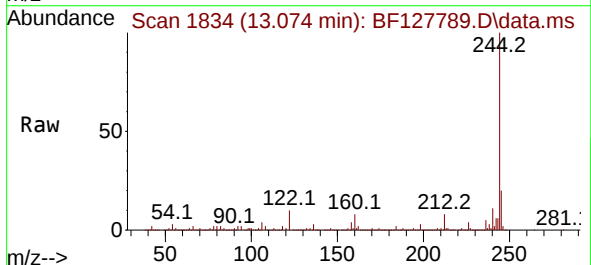
Instrument :
BNA_F
ClientSampleId :
MW-19R

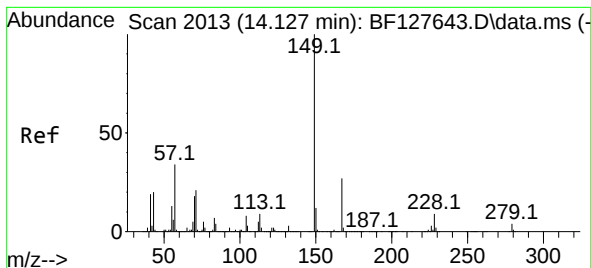
Tgt Ion:184 Resp: 15940
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 7.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 64.869 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

Tgt Ion:244 Resp: 1104788
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.2 6.2 9.2#

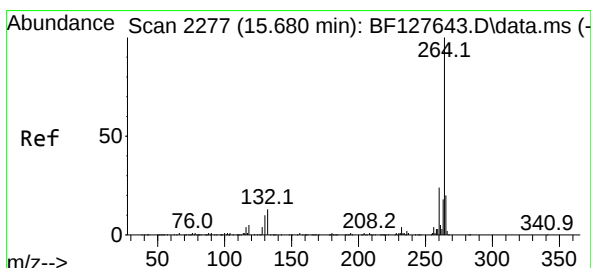
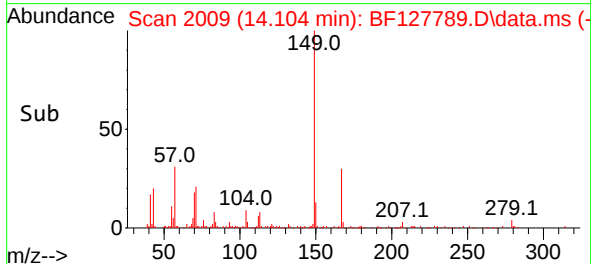
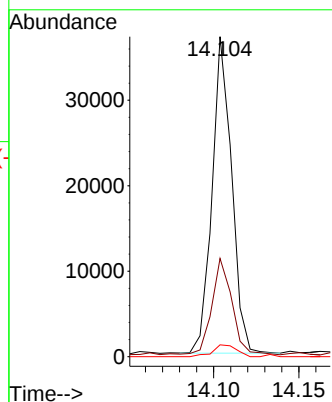
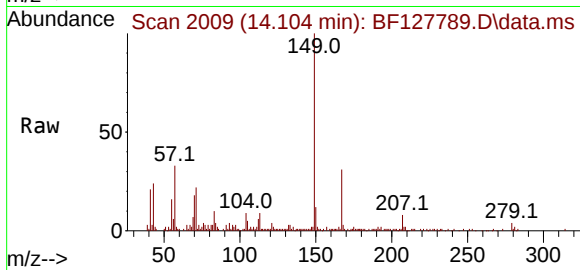




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.366 ng
RT: 14.104 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

Instrument :
BNA_F
ClientSampleId :
MW-19R

Tgt Ion:149 Resp: 29472
Ion Ratio Lower Upper
149 100
167 30.7 22.9 34.3
279 3.7 3.2 4.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF127789.D
Acq: 13 Apr 2022 17:42

Tgt Ion:264 Resp: 317351
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.3 17.4 26.2

