

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127665.D
 Acq On : 06 Apr 2022 23:31
 Operator : CG\JU
 Sample : N2254-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-2

Quant Time: Apr 07 02:40:49 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 06 13:55:27 2022
 Response via : Initial Calibration

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

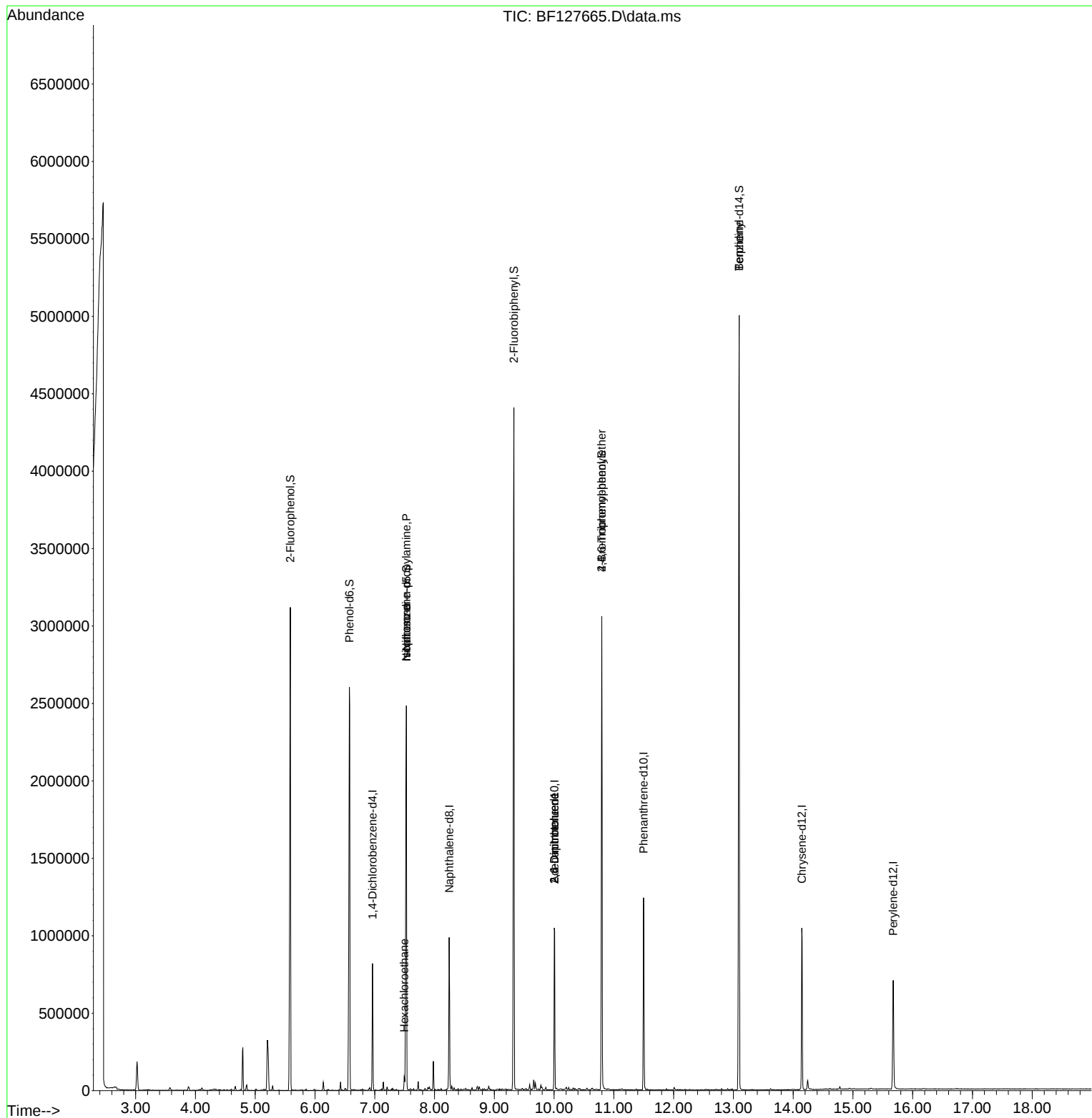
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	102735	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	373963	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	218346	20.000	ng	-0.01
64) Phenanthrene-d10	11.498	188	417447	20.000	ng	0.00
76) Chrysene-d12	14.145	240	385255	20.000	ng	-0.01
86) Perylene-d12	15.674	264	329751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	799352	126.429	ng	0.00
7) Phenol-d6	6.575	99	960970	116.182	ng	0.00
23) Nitrobenzene-d5	7.528	82	779404	92.915	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	341739	147.078	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1365600	88.477	ng	0.00
79) Terphenyl-d14	13.098	244	1843140	78.968	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	250	Below Cal	#	32
18) Hexachloroethane	7.492	117	6464	2.287	ng	# 1
19) n-Nitroso-di-n-propyla...	7.528	70	109356	20.442	ng	# 75
25) Isophorone	7.528	82	779396	53.248	ng	# 70
51) 2,6-Dinitrotoluene	10.004	165	27972	9.376	ng	# 17
57) 2,4-Dinitrotoluene	10.004	165	27972	7.563	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	22670	4.475	ng	# 1
77) Benzidine	13.098	184	27398	2.725	ng	# 94

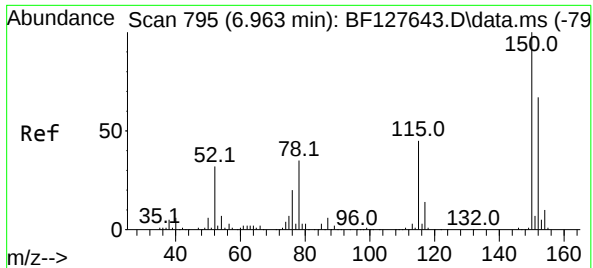
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127665.D
Acq On : 06 Apr 2022 23:31
Operator : CG\JU
Sample : N2254-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2

Quant Time: Apr 07 02:40:49 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 06 13:55:27 2022
Response via : Initial Calibration

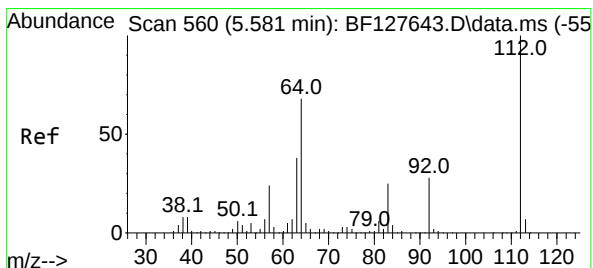
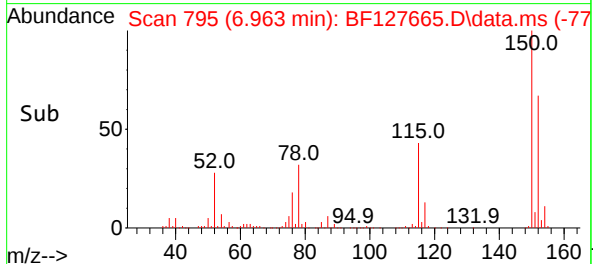
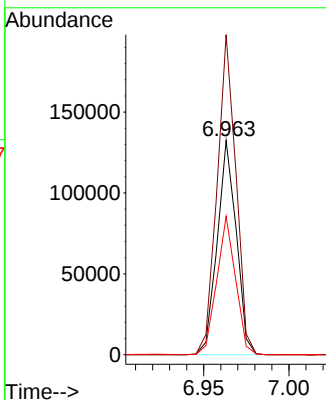
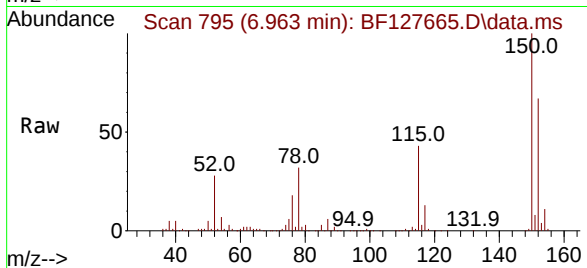




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

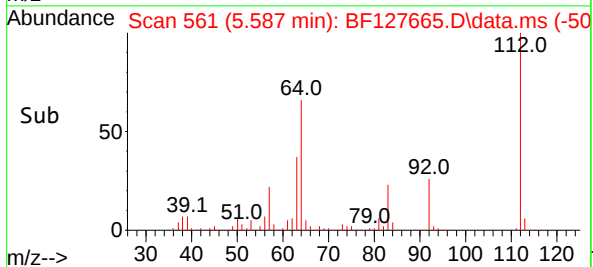
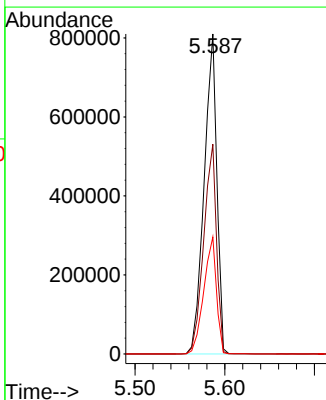
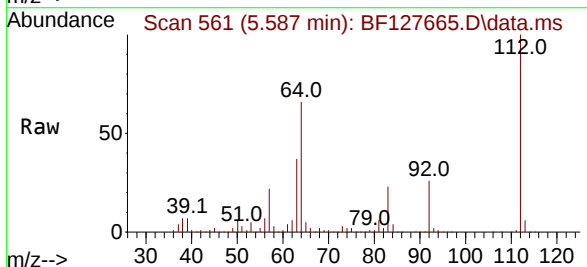
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2

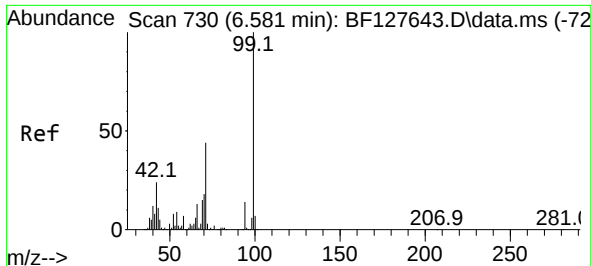
Tgt Ion:152 Resp: 102735
Ion Ratio Lower Upper
152 100
150 149.4 117.2 175.8
115 64.6 49.8 74.6



#5
2-Fluorophenol
Concen: 126.429 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

Tgt Ion:112 Resp: 799352
Ion Ratio Lower Upper
112 100
64 65.5 58.4 87.6
63 36.6 30.1 45.1

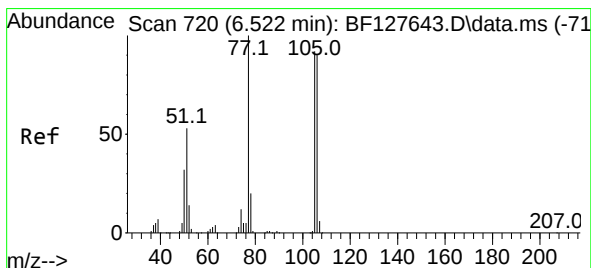
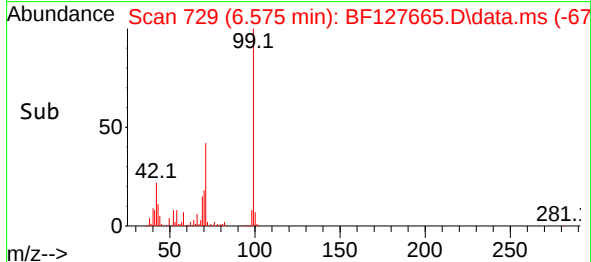
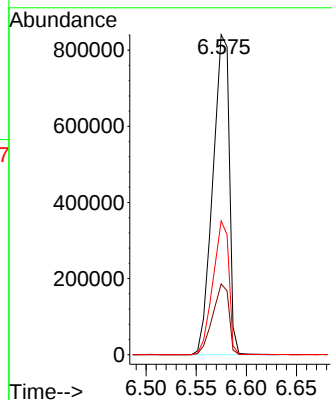
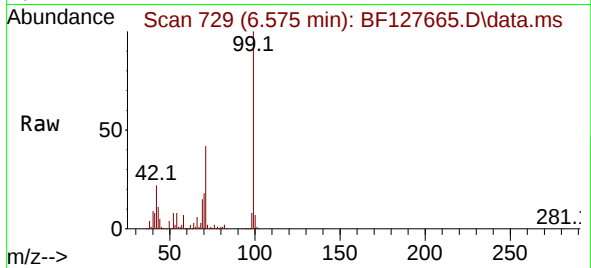




#7
Phenol-d6
Concen: 116.182 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

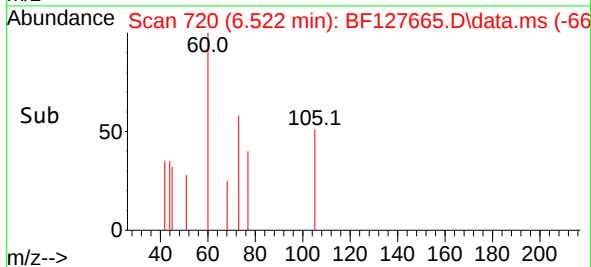
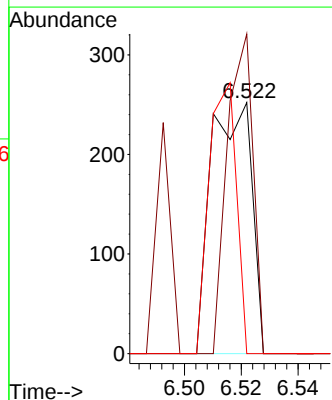
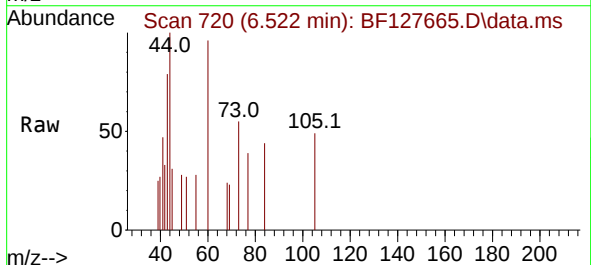
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2

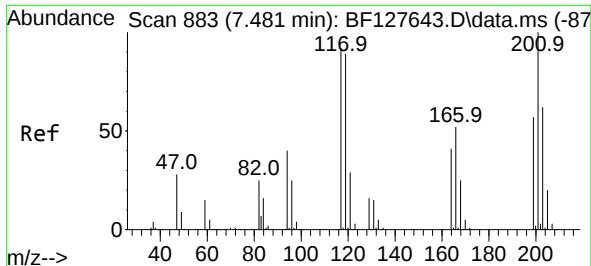
Tgt Ion: 99 Resp: 960970
Ion Ratio Lower Upper
99 100
42 22.1 17.8 26.6
71 41.8 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

Tgt Ion: 77 Resp: 250
Ion Ratio Lower Upper
77 100
105 127.4 66.8 106.8#
106 0.0 64.3 104.3#

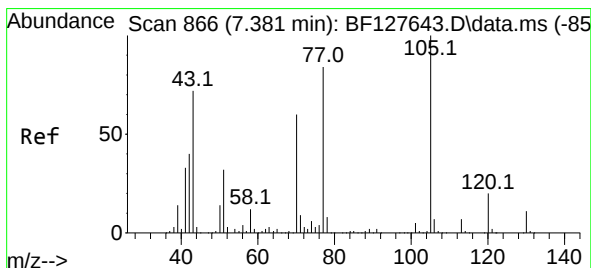
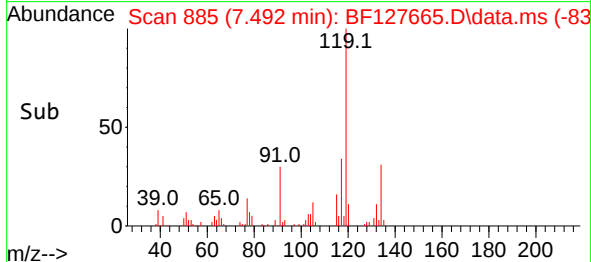
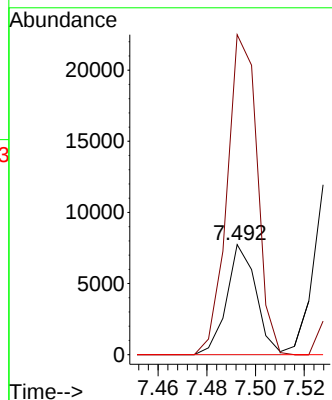
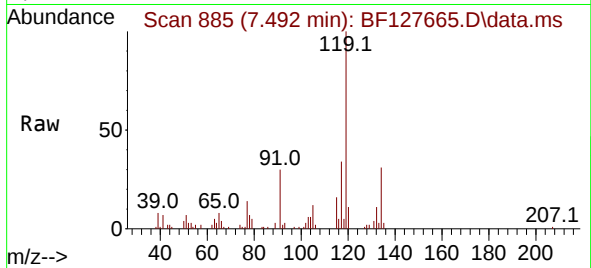




#18
Hexachloroethane
Concen: 2.287 ng
RT: 7.492 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

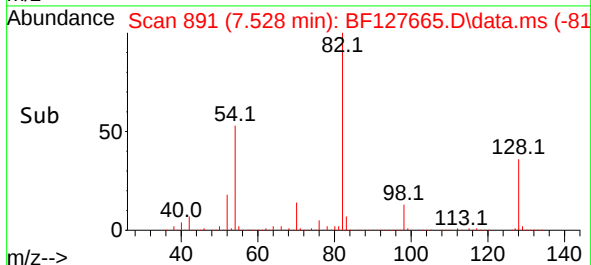
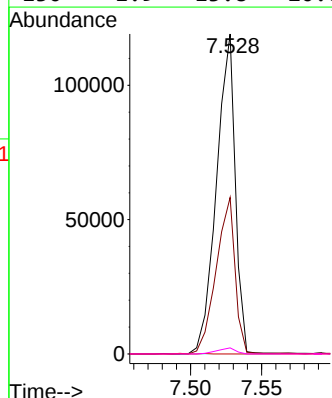
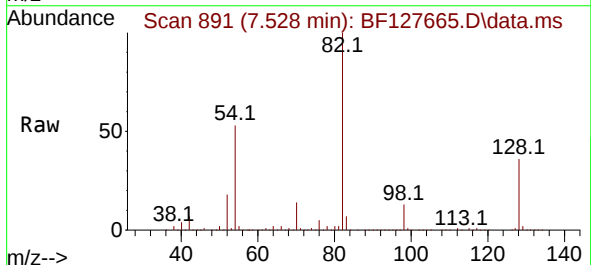
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2

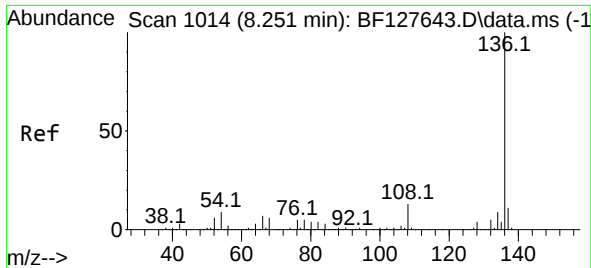
Tgt Ion:117 Resp: 6464
Ion Ratio Lower Upper
117 100
119 290.6 77.6 116.4#
201 0.0 88.2 132.2#



#19
n-Nitroso-di-n-propylamine
Concen: 20.442 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

Tgt Ion: 70 Resp: 109356
Ion Ratio Lower Upper
70 100
42 48.9 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#

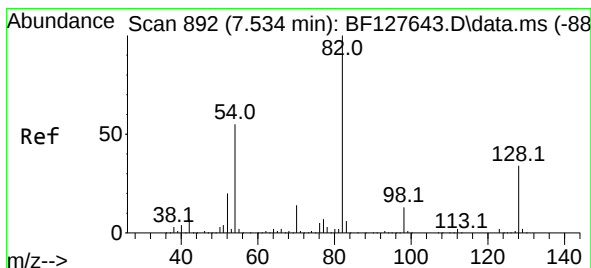
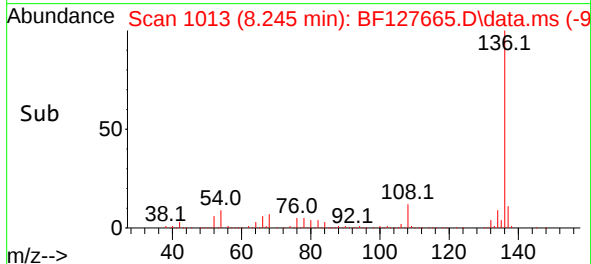
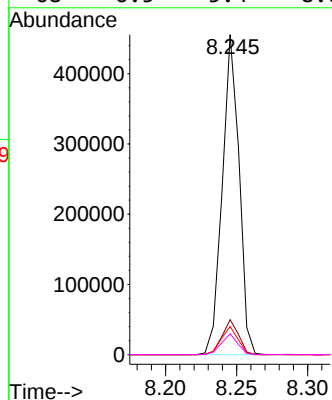
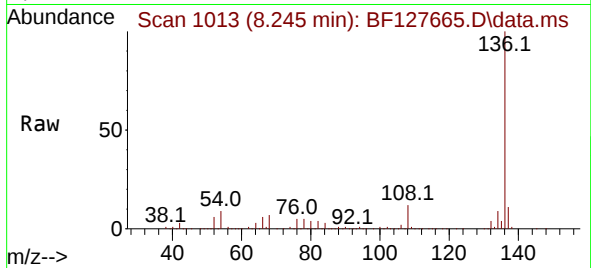




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

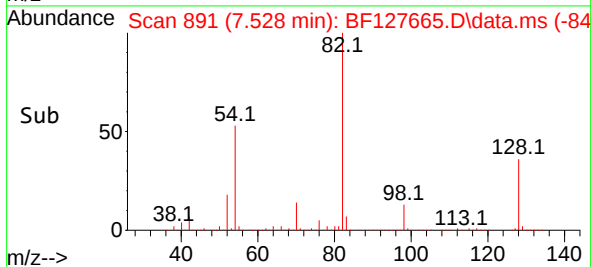
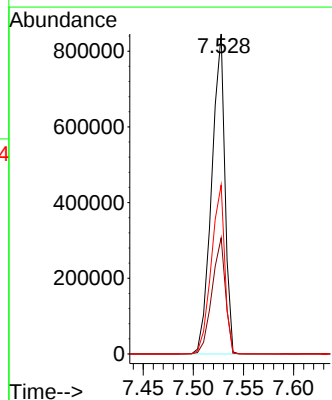
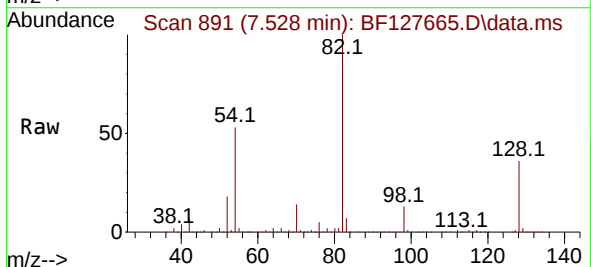
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2

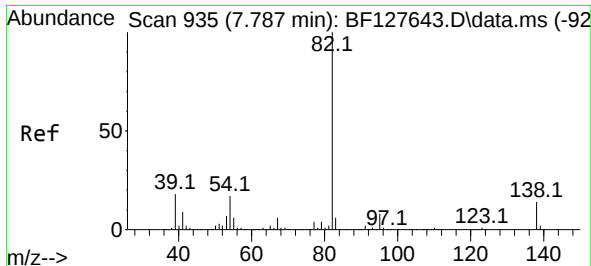
Tgt Ion:136 Resp: 373963
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 9.2 13.8#
68 6.5 5.4 8.0



#23
Nitrobenzene-d5
Concen: 92.915 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

Tgt Ion: 82 Resp: 779404
Ion Ratio Lower Upper
82 100
128 36.3 30.6 45.8
54 52.8 48.2 72.2

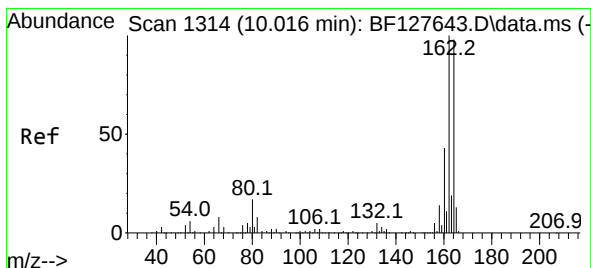
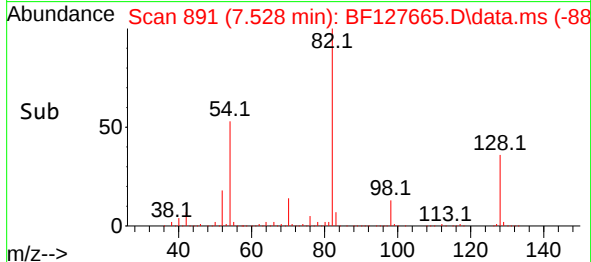
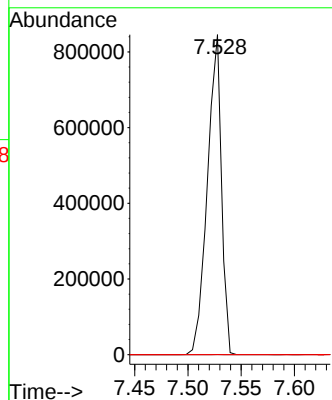
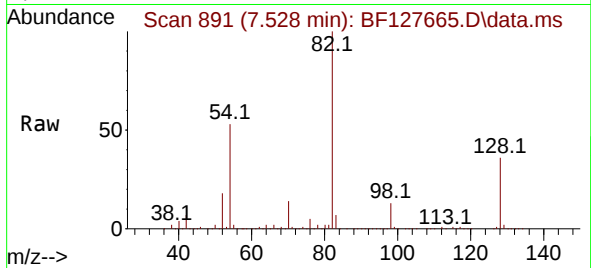




#25
Isophorone
Concen: 53.248 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

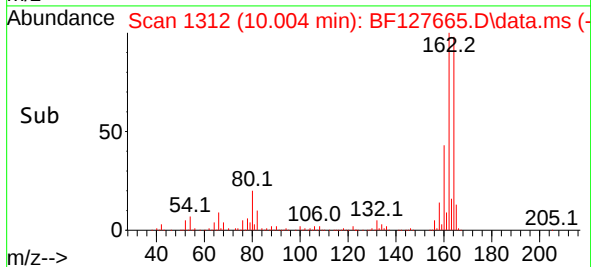
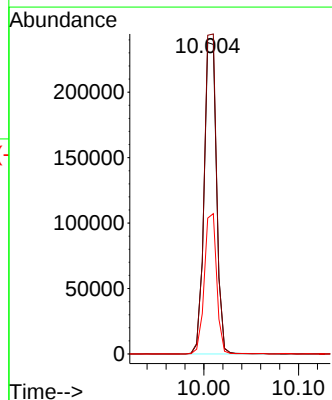
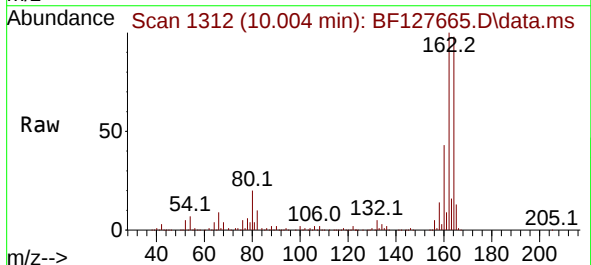
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2

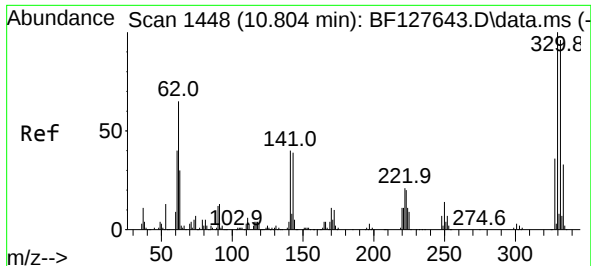
Tgt Ion: 82 Resp: 779396
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

Tgt Ion: 164 Resp: 218346
Ion Ratio Lower Upper
164 100
162 102.4 81.2 121.8
160 43.6 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 147.078 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF127665.D

Acq: 06 Apr 2022 23:31

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-4-2

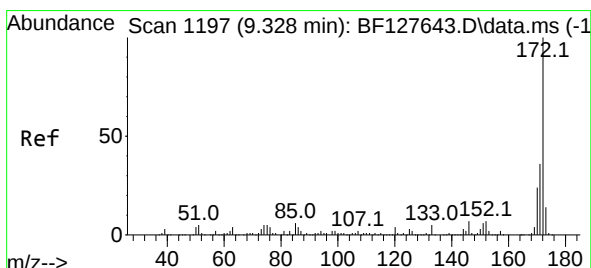
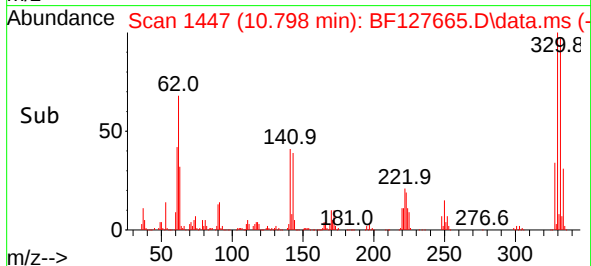
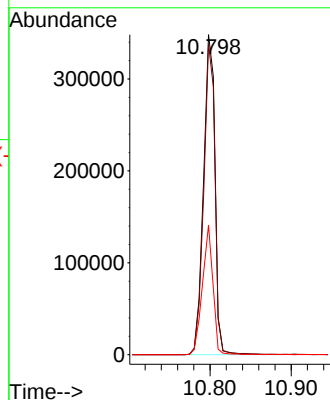
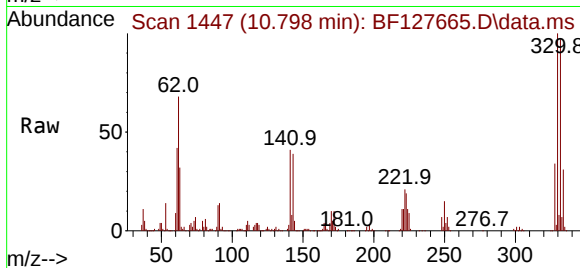
Tgt Ion:330 Resp: 341739

Ion Ratio Lower Upper

330 100

332 95.3 79.1 118.7

141 37.3 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 88.477 ng

RT: 9.328 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF127665.D

Acq: 06 Apr 2022 23:31

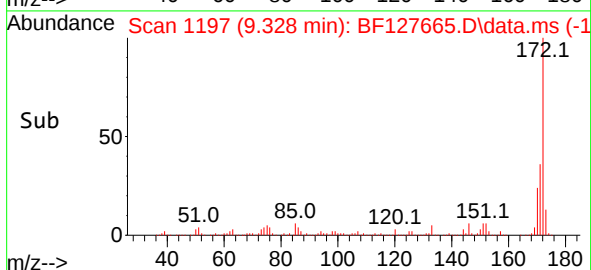
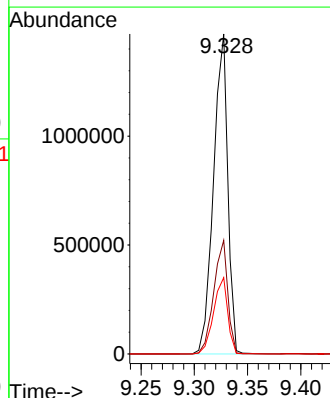
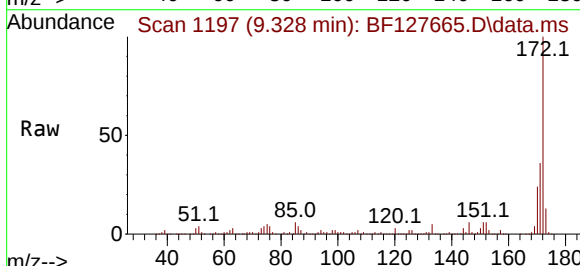
Tgt Ion:172 Resp: 1365600

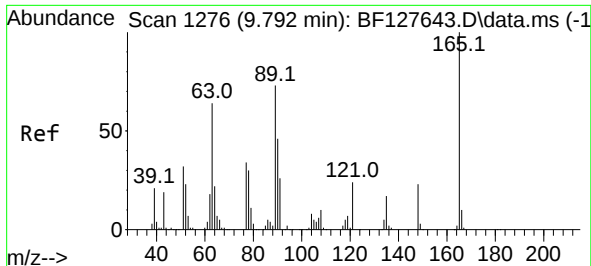
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 9.376 ng

RT: 10.004 min Scan# 1312

Delta R.T. 0.212 min

Lab File: BF127665.D

Acq: 06 Apr 2022 23:31

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-4-2

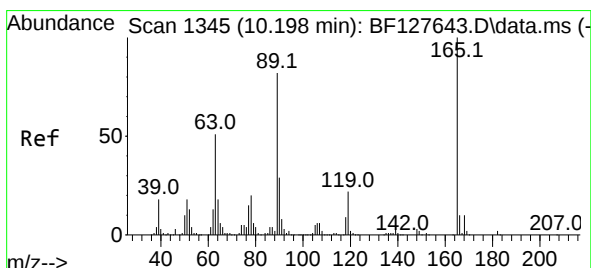
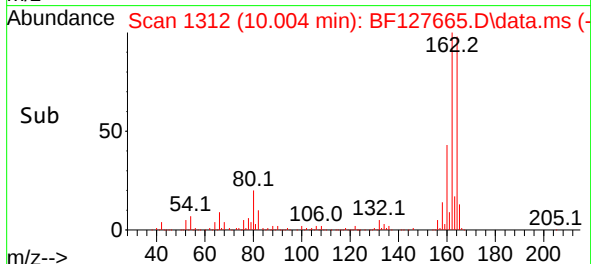
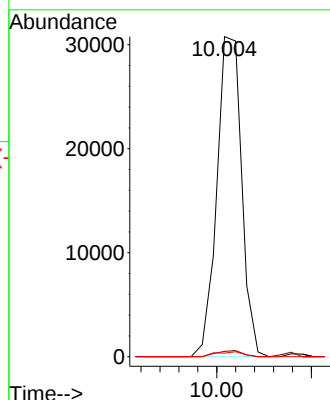
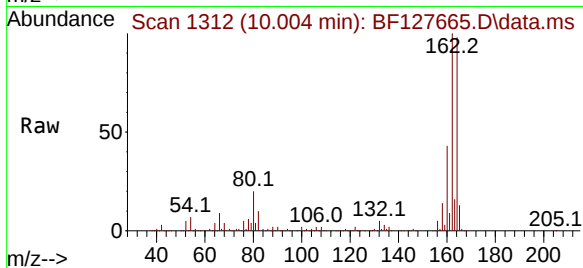
Tgt Ion:165 Resp: 27972

Ion Ratio Lower Upper

165 100

63 1.6 58.3 87.5#

89 1.1 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 7.563 ng

RT: 10.004 min Scan# 1312

Delta R.T. -0.194 min

Lab File: BF127665.D

Acq: 06 Apr 2022 23:31

Tgt Ion:165 Resp: 27972

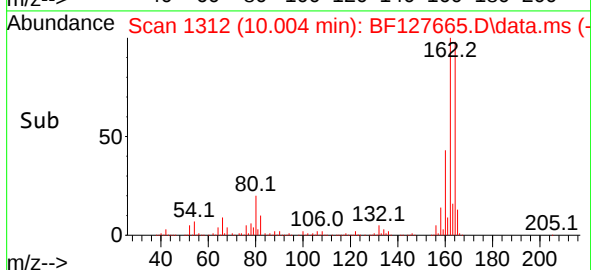
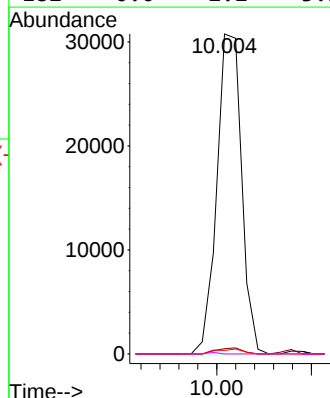
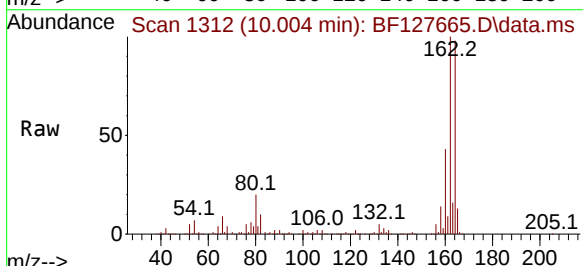
Ion Ratio Lower Upper

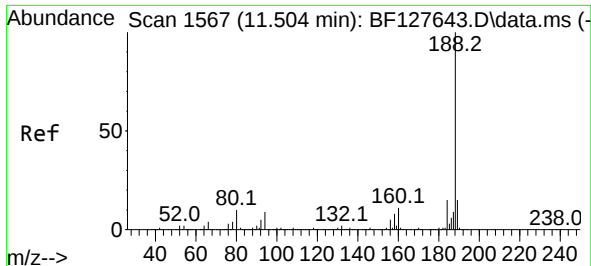
165 100

63 1.6 53.1 79.7#

89 1.1 69.2 103.8#

182 0.0 2.2 3.2#

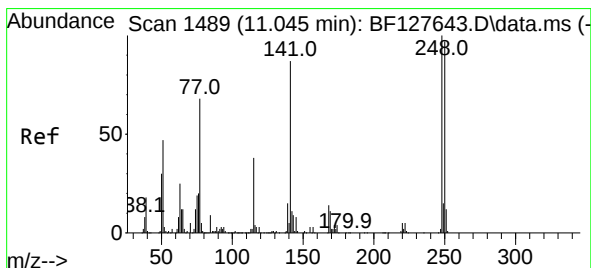
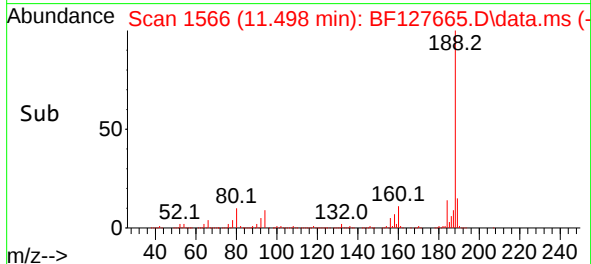
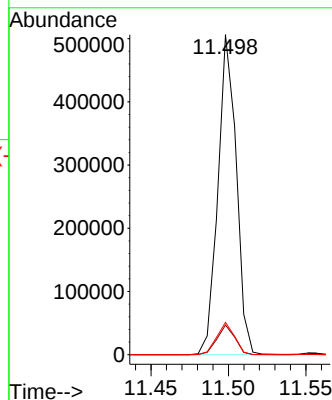
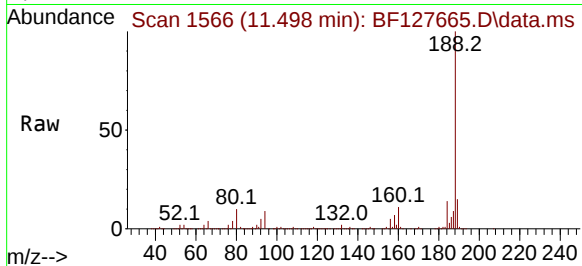




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

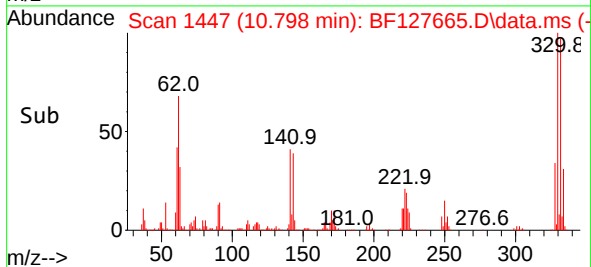
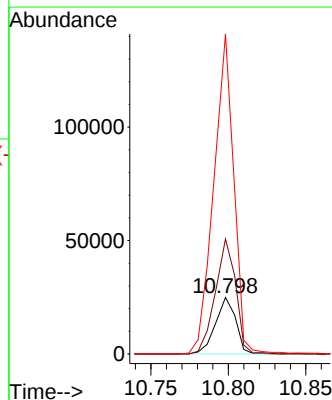
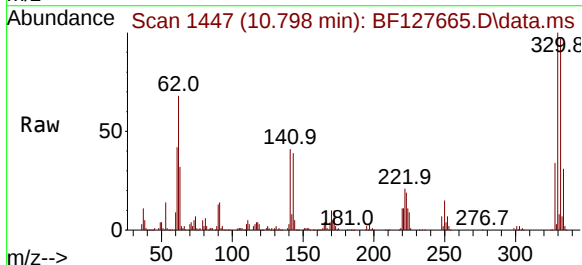
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2

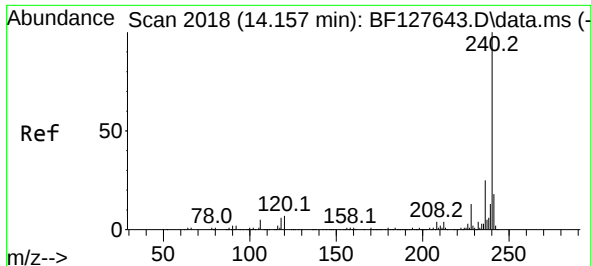
Tgt Ion:188 Resp: 417447
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.1 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.475 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

Tgt Ion:248 Resp: 22670
Ion Ratio Lower Upper
248 100
250 203.4 76.6 115.0#
141 566.0 52.2 78.2#

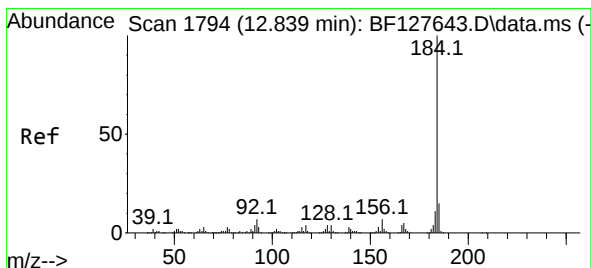
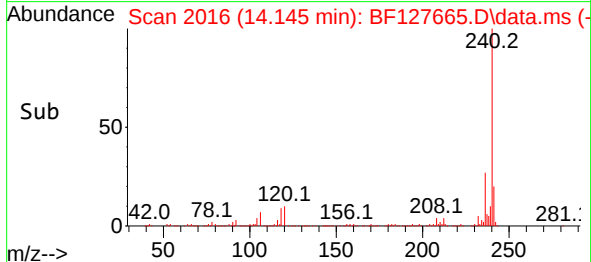
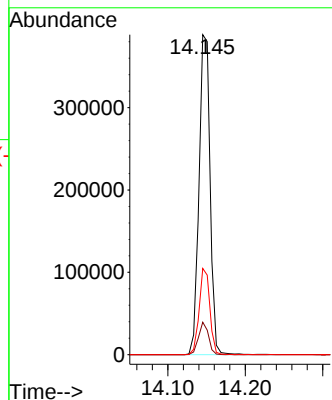
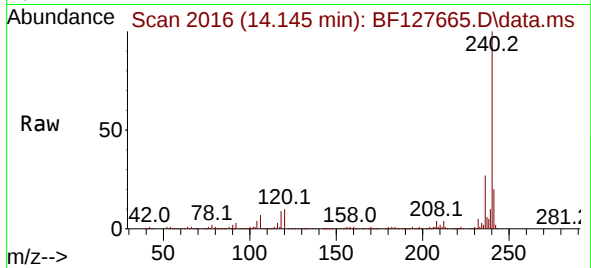




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

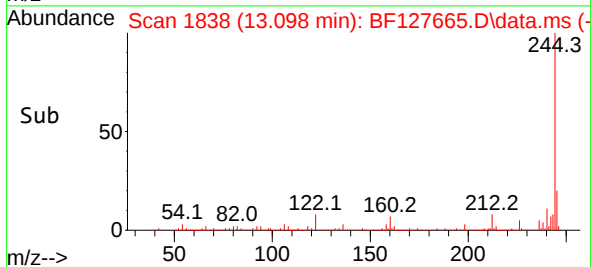
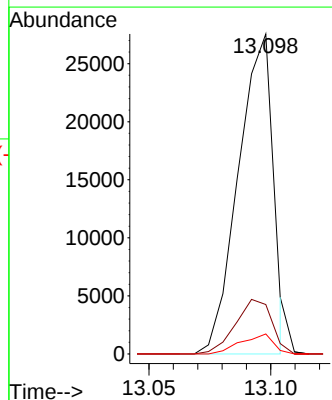
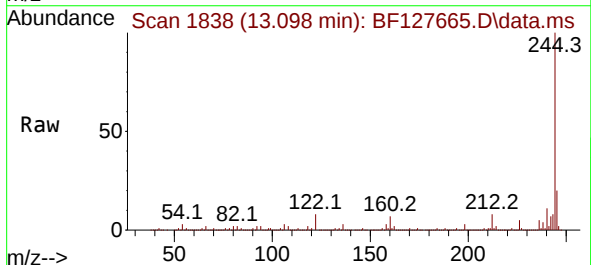
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-2

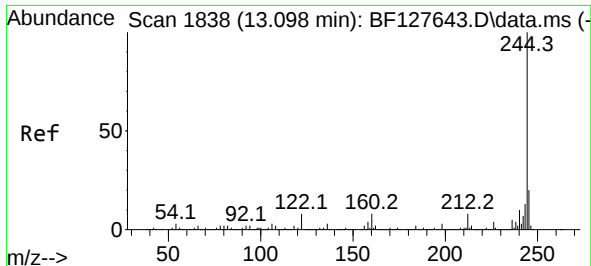
Tgt Ion:240 Resp: 385255
Ion Ratio Lower Upper
240 100
120 10.2 7.1 10.7
236 27.0 20.7 31.1



#77
Benzidine
Concen: 2.725 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127665.D
Acq: 06 Apr 2022 23:31

Tgt Ion:184 Resp: 27398
Ion Ratio Lower Upper
184 100
185 15.4 12.2 18.2
183 6.3 9.4 14.0#

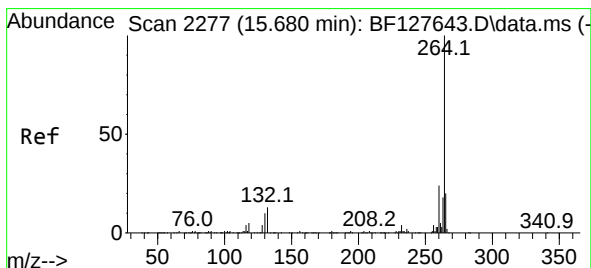
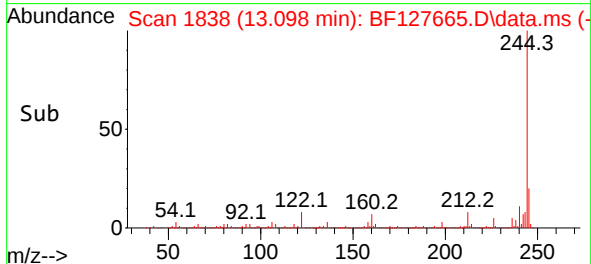
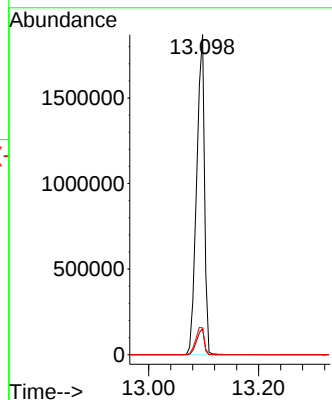
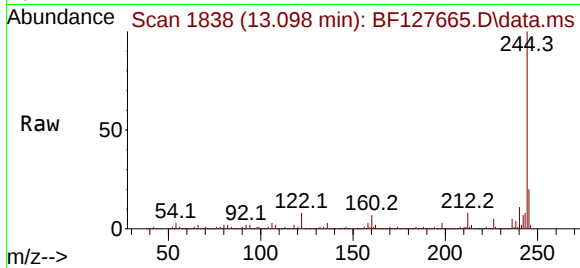




#79
 Terphenyl-d14
 Concen: 78.968 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127665.D
 Acq: 06 Apr 2022 23:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4-2

Tgt Ion:244 Resp: 1843140
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 8.3 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF127665.D
 Acq: 06 Apr 2022 23:31

Tgt Ion:264 Resp: 329751
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.1 28.7
 265 21.3 17.4 26.2

