

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127669.D
 Acq On : 07 Apr 2022 01:26
 Operator : CG\JU
 Sample : N2272-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Apr 07 02:41:13 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)

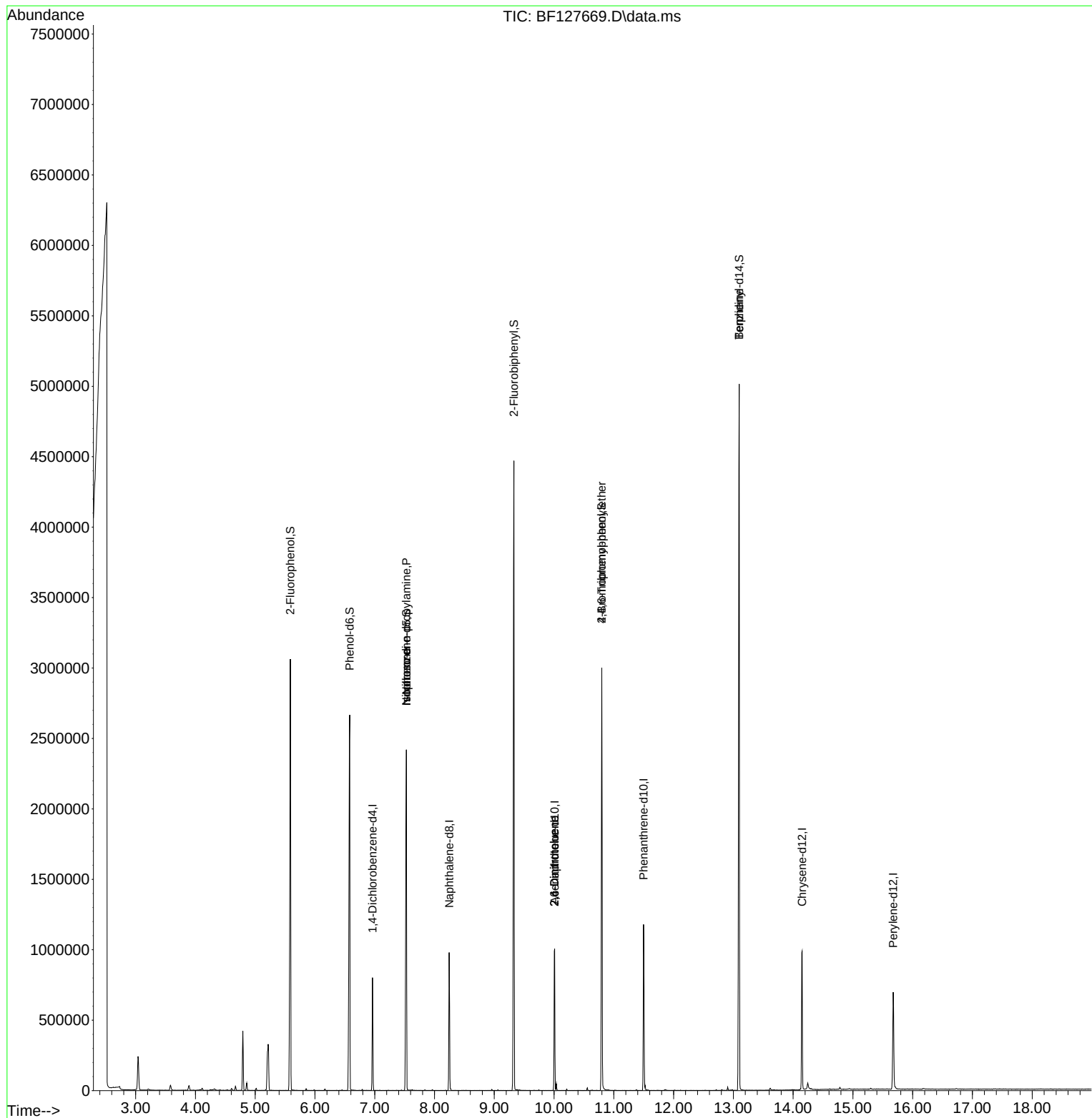
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	99670	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	369066	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	214700	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	413199	20.000	ng	0.00
76) Chrysene-d12	14.151	240	371186	20.000	ng	0.00
86) Perylene-d12	15.674	264	331194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	791382	129.018	ng	0.00
7) Phenol-d6	6.581	99	947675	118.098	ng	0.00
23) Nitrobenzene-d5	7.528	82	774548	93.561	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	331326	145.018	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1357487	89.445	ng	0.00
79) Terphenyl-d14	13.098	244	1844118	82.005	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	70	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	105753	20.376	ng	# 76
25) Isophorone	7.528	82	774536	53.618	ng	# 70
51) 2,6-Dinitrotoluene	10.004	165	27522	9.382	ng	# 17
57) 2,4-Dinitrotoluene	10.004	165	27522	7.567	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	22453	4.477	ng	# 1
77) Benzydine	13.098	184	27537	2.842	ng	# 93

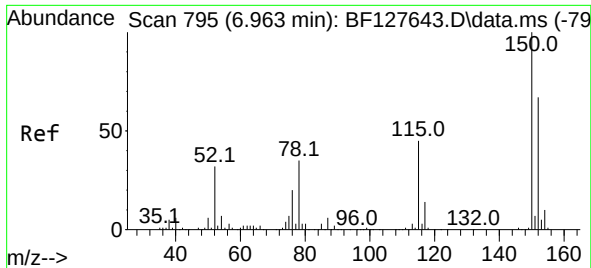
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
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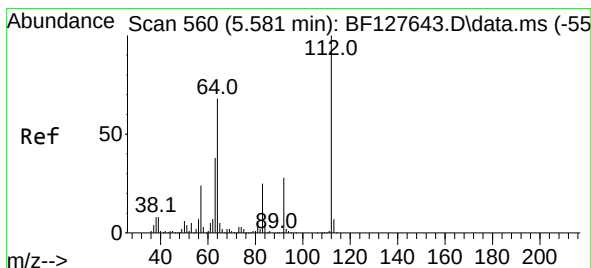
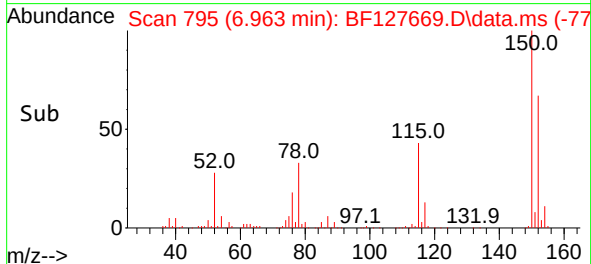
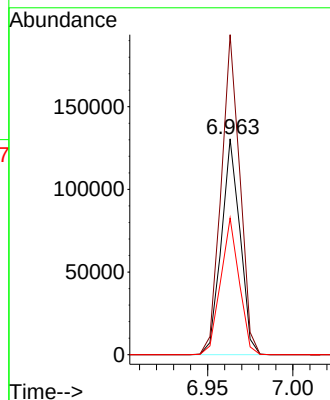
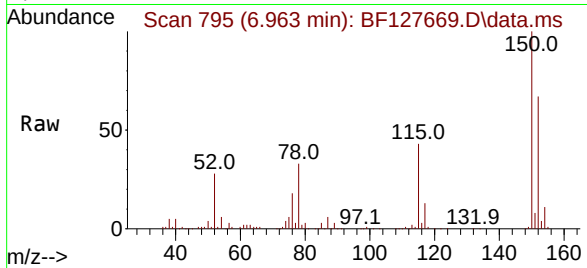




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

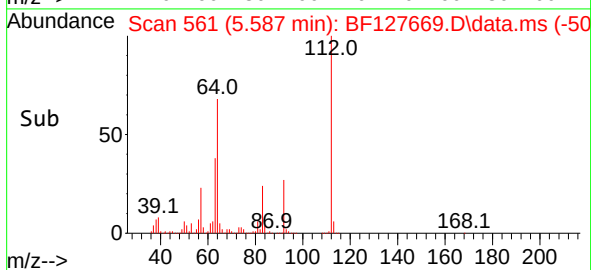
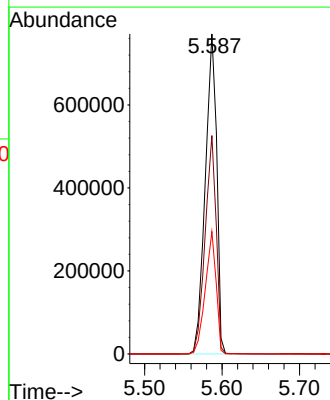
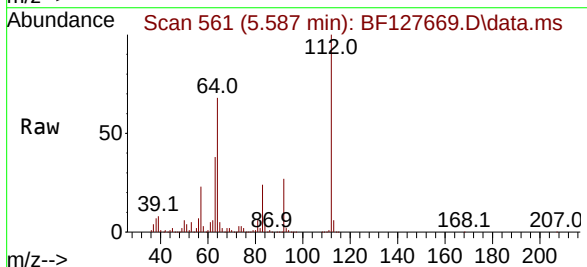
Instrument :
BNA_F
ClientSampleId :
TP-3

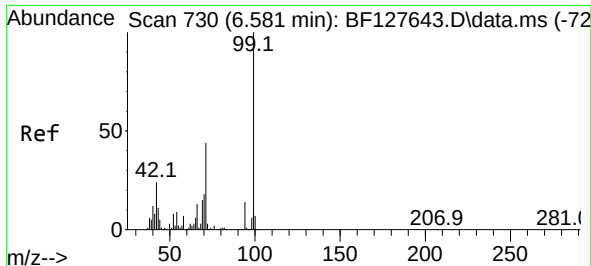
Tgt Ion:152 Resp: 99670
Ion Ratio Lower Upper
152 100
150 148.3 117.2 175.8
115 63.3 49.8 74.6



#5
2-Fluorophenol
Concen: 129.018 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

Tgt Ion:112 Resp: 791382
Ion Ratio Lower Upper
112 100
64 68.3 58.4 87.6
63 38.2 30.1 45.1



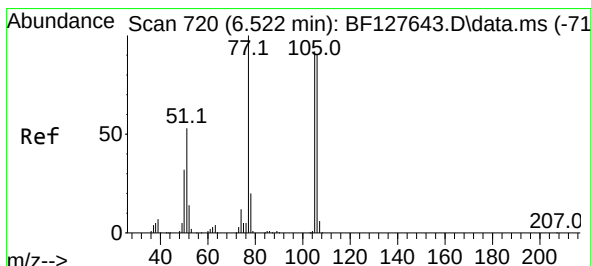
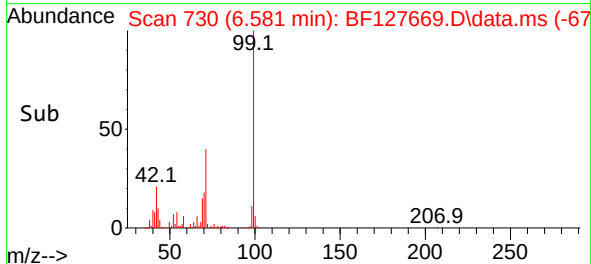
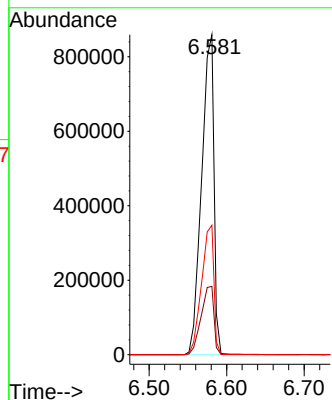
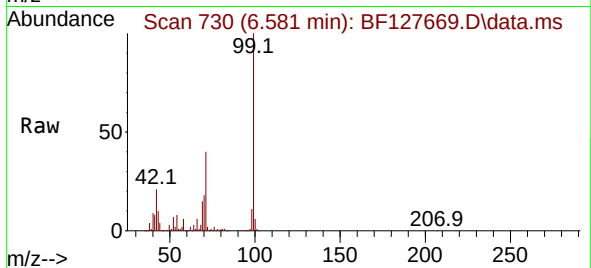


#7
Phenol-d6
Concen: 118.098 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 947675

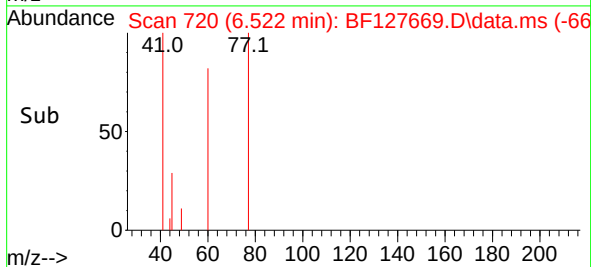
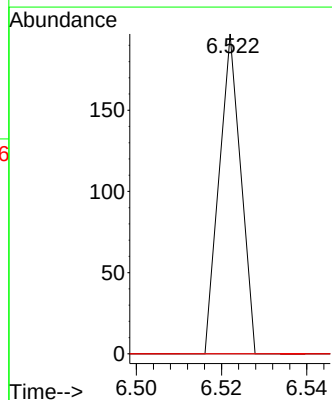
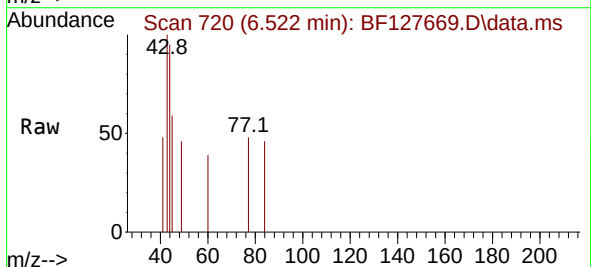
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.8	26.6
71	40.5	29.6	44.4

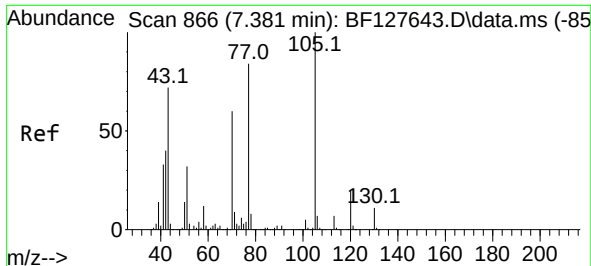


#9
Benzaldehyde
Concen: Below Cal
RT: 6.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

Tgt Ion: 77 Resp: 70

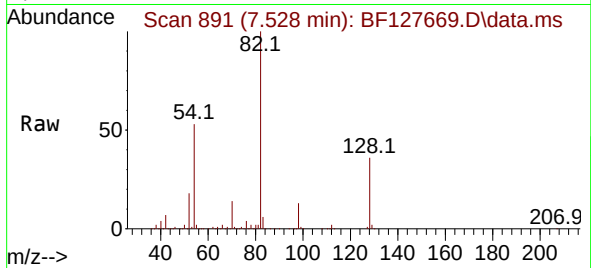
Ion	Ratio	Lower	Upper
77	100		
105	0.0	66.8	106.8#
106	0.0	64.3	104.3#



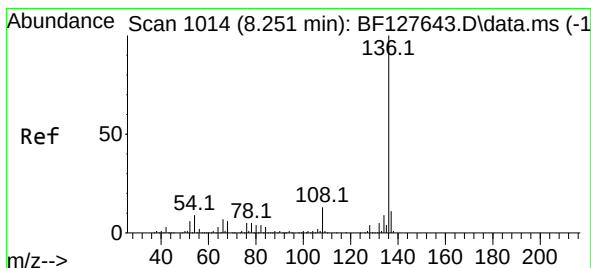
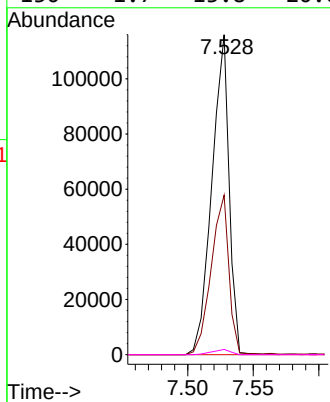
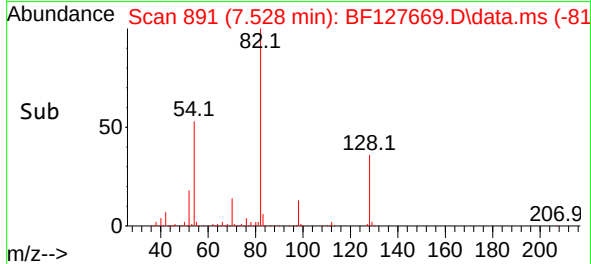


#19
n-Nitroso-di-n-propylamine
Concen: 20.376 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

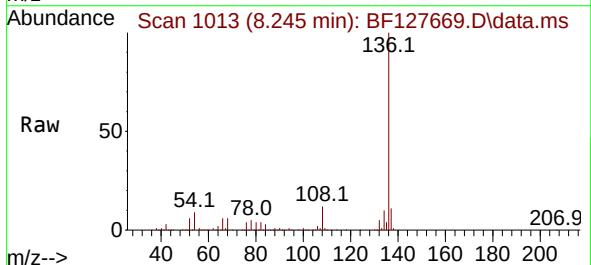
Instrument :
BNA_F
ClientSampleId :
TP-3



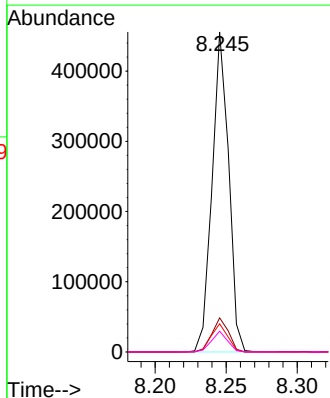
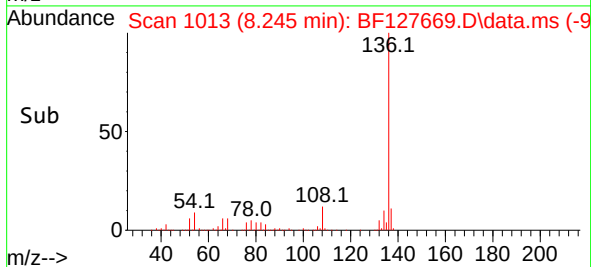
Tgt Ion: 70 Resp: 105753
Ion Ratio Lower Upper
70 100
42 49.9 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#

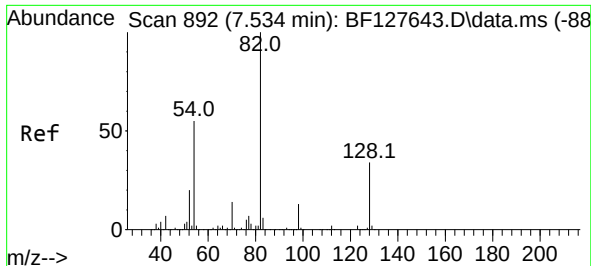


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26



Tgt Ion: 136 Resp: 369066
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.8 9.2 13.8#
68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 93.561 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127669.D

Acq: 07 Apr 2022 01:26

Instrument :

BNA_F

ClientSampleId :

TP-3

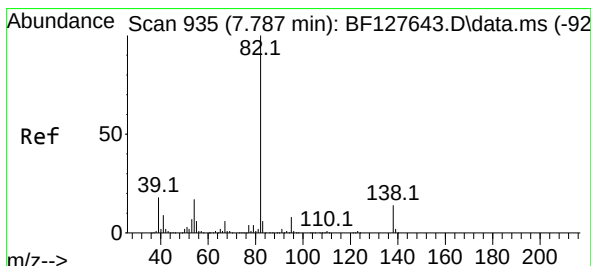
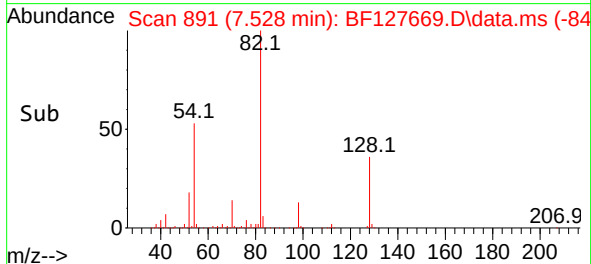
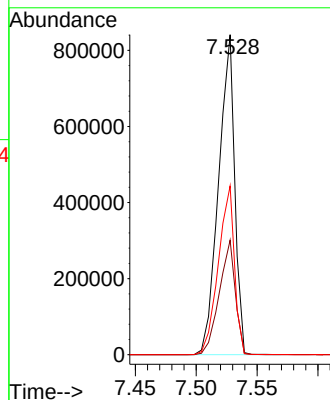
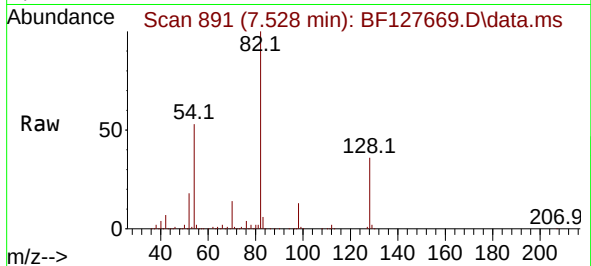
Tgt Ion: 82 Resp: 774548

Ion Ratio Lower Upper

82 100

128 35.8 30.6 45.8

54 52.7 48.2 72.2



#25

Isophorone

Concen: 53.618 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127669.D

Acq: 07 Apr 2022 01:26

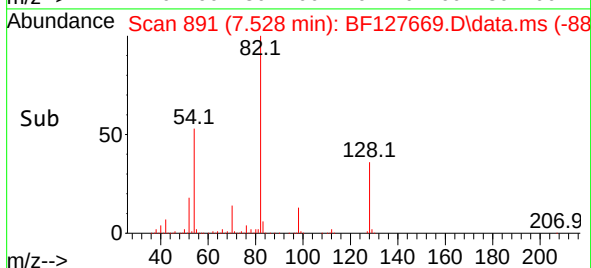
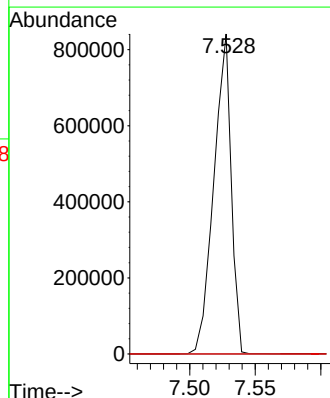
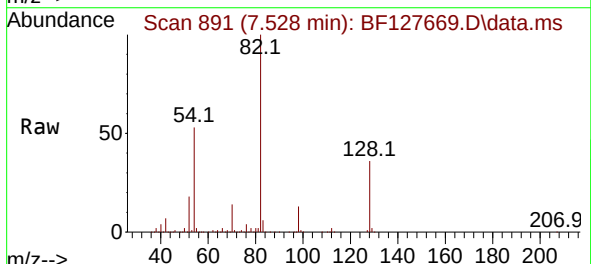
Tgt Ion: 82 Resp: 774536

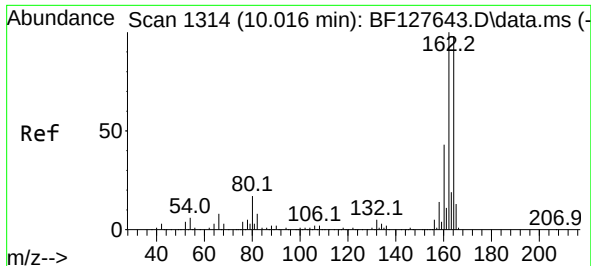
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

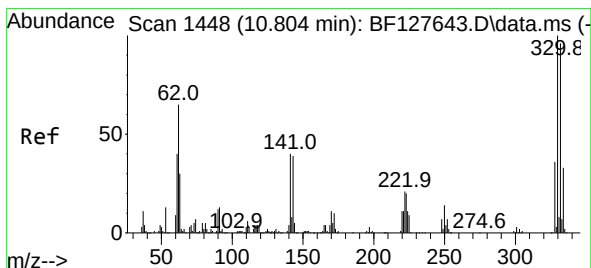
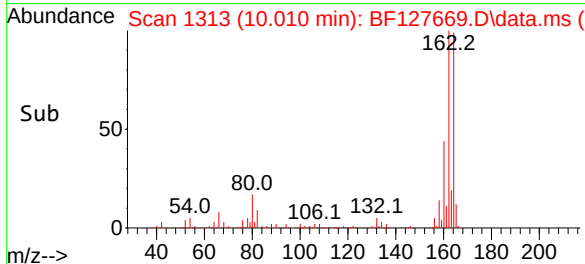
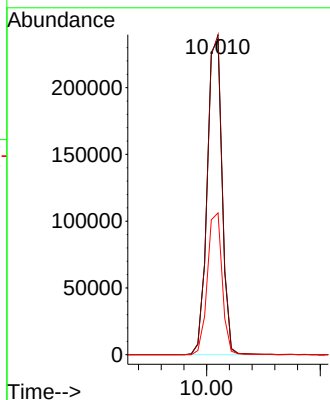
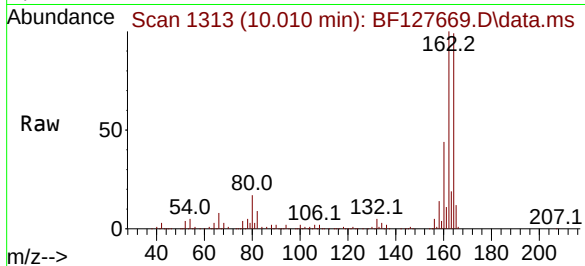




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

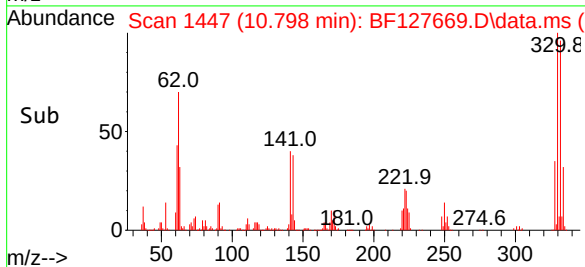
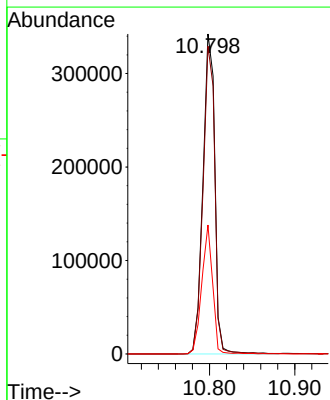
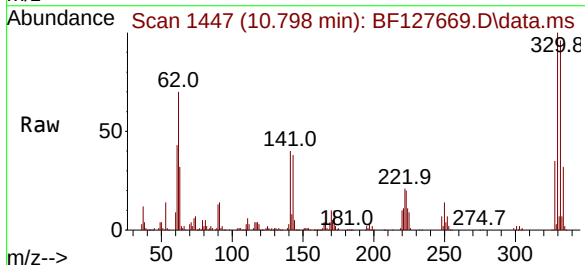
Instrument :
BNA_F
ClientSampleId :
TP-3

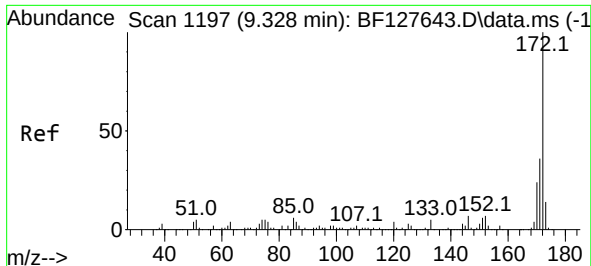
Tgt Ion:164 Resp: 214700
Ion Ratio Lower Upper
164 100
162 101.4 81.2 121.8
160 44.9 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 145.018 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

Tgt Ion:330 Resp: 331326
Ion Ratio Lower Upper
330 100
332 95.8 79.1 118.7
141 37.1 26.2 39.4

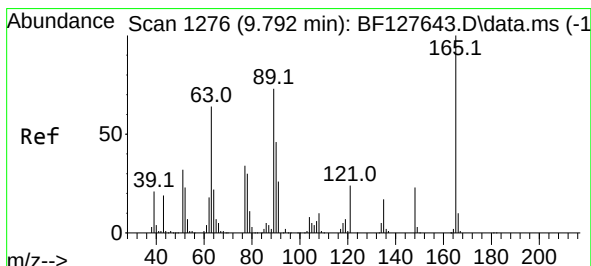
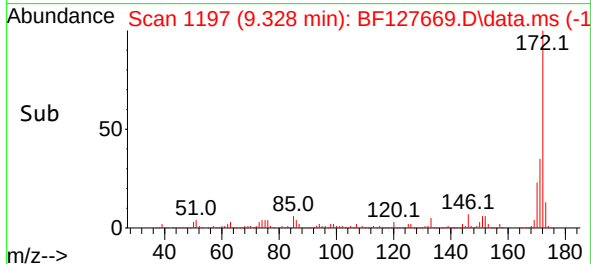
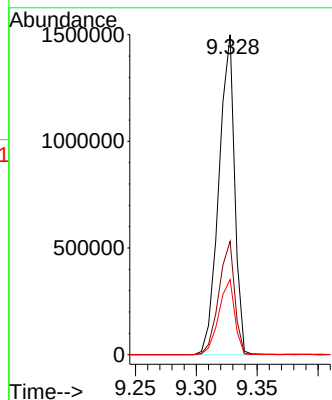
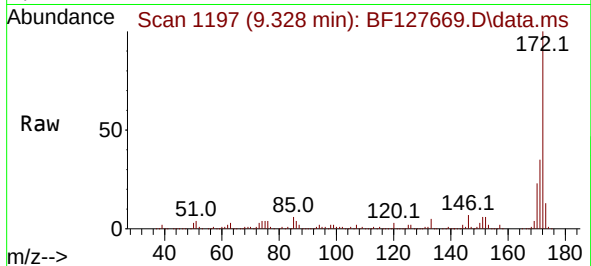




#45
2-Fluorobiphenyl
Concen: 89.445 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

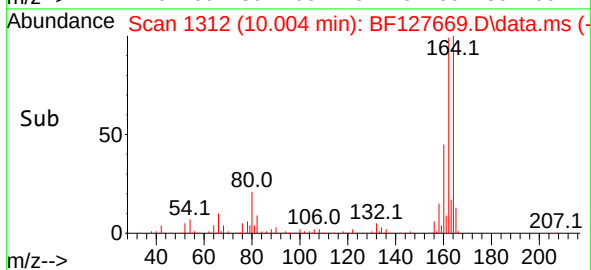
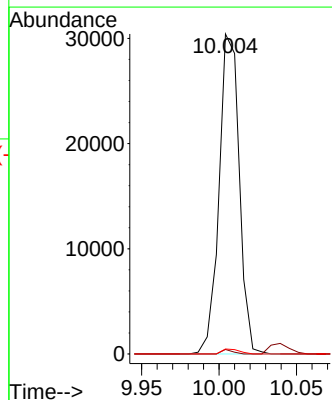
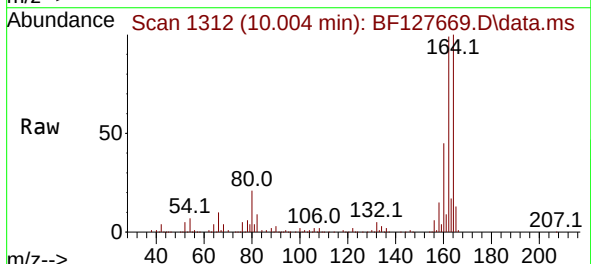
Instrument :
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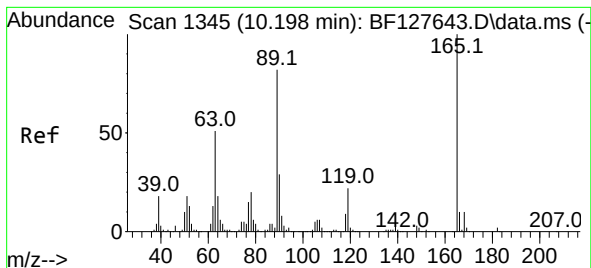
Tgt Ion:172 Resp: 1357487
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.382 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

Tgt Ion:165 Resp: 27522
Ion Ratio Lower Upper
165 100
63 1.4 58.3 87.5#
89 1.6 51.5 77.3#

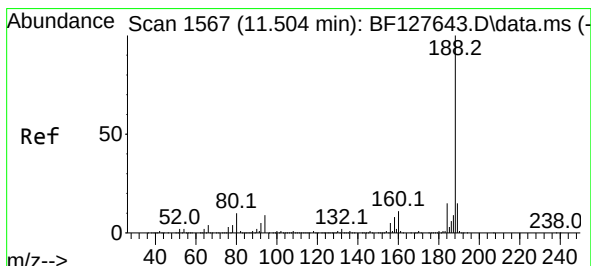
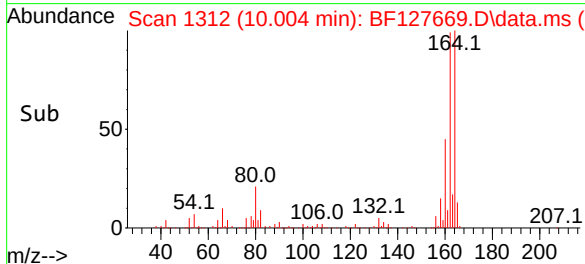
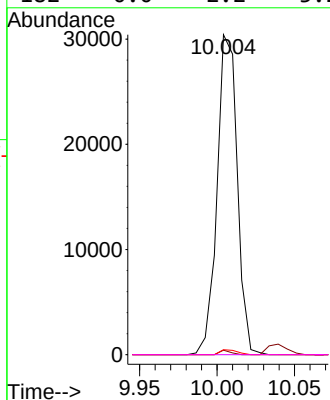
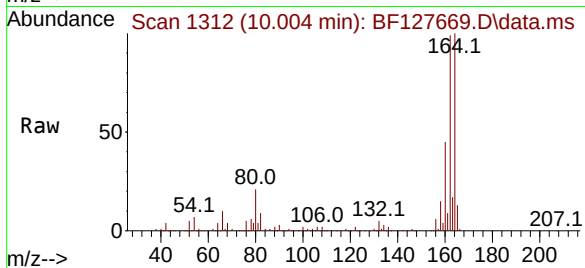




#57
2,4-Dinitrotoluene
Concen: 7.567 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

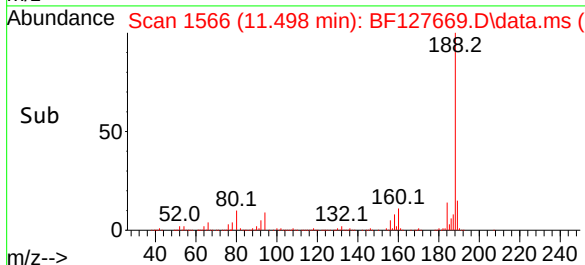
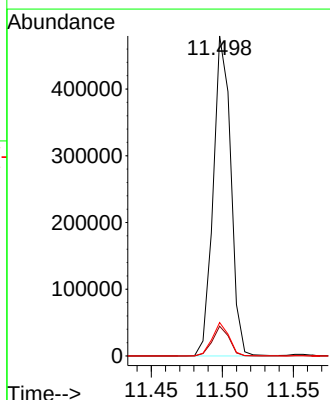
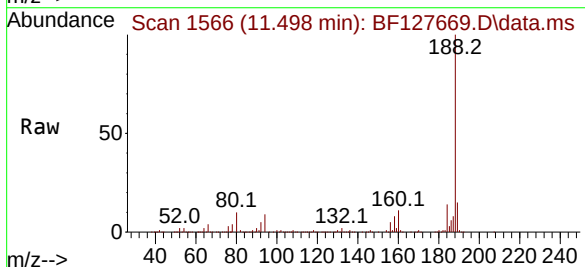
Instrument :
BNA_F
ClientSampleId :
TP-3

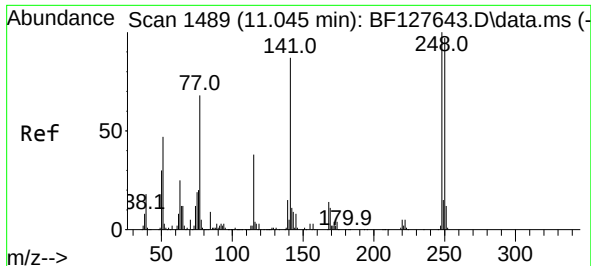
Tgt Ion:165 Resp: 27522
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

Tgt Ion:188 Resp: 413199
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.5 8.0 12.0

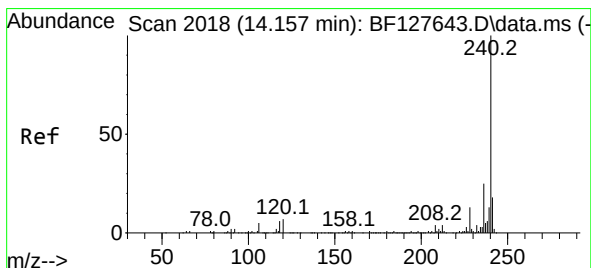
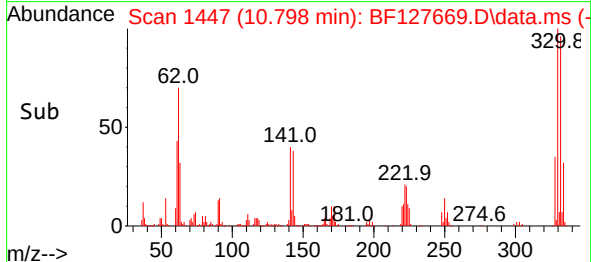
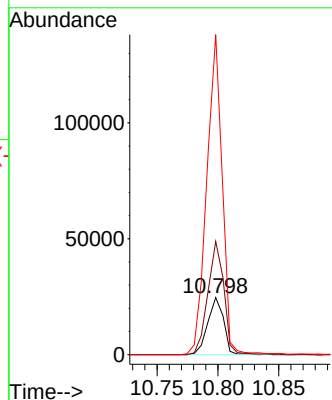
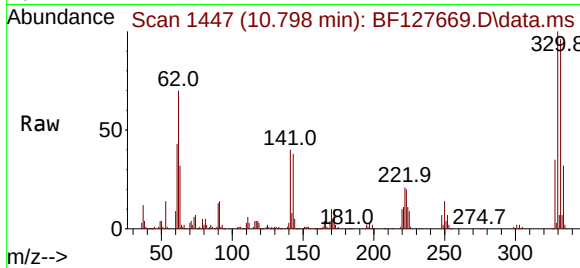




#67
4-Bromophenyl-phenylether
Concen: 4.477 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

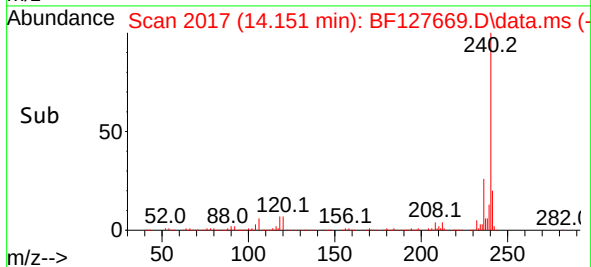
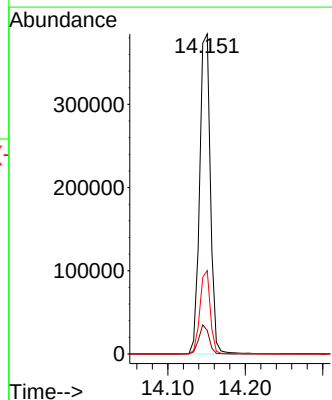
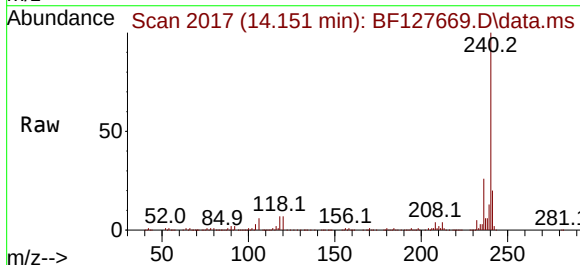
Instrument :
BNA_F
ClientSampleId :
TP-3

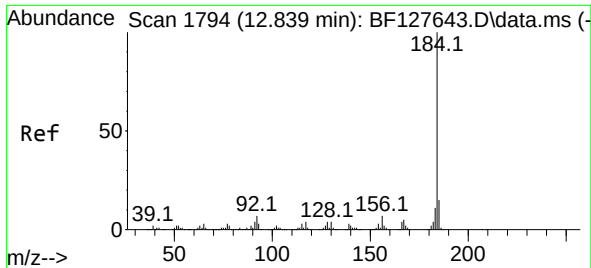
Tgt Ion:248 Resp: 22453
Ion Ratio Lower Upper
248 100
250 198.3 76.6 115.0#
141 560.3 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

Tgt Ion:240 Resp: 371186
Ion Ratio Lower Upper
240 100
120 7.4 7.1 10.7
236 26.0 20.7 31.1

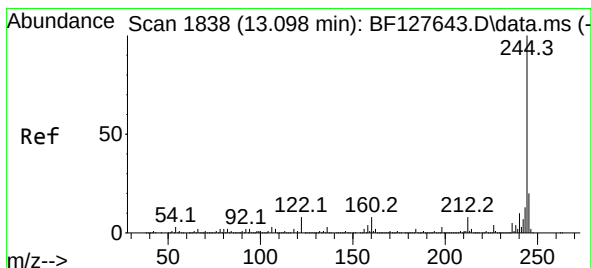
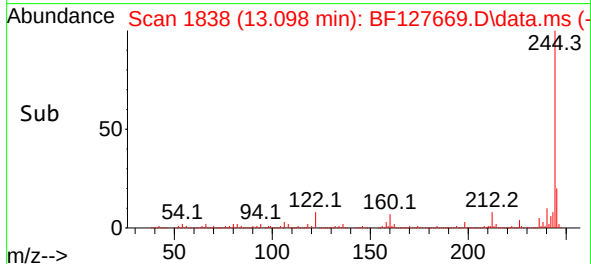
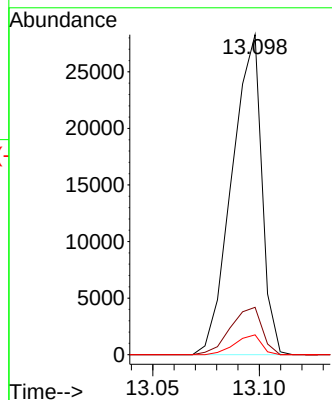
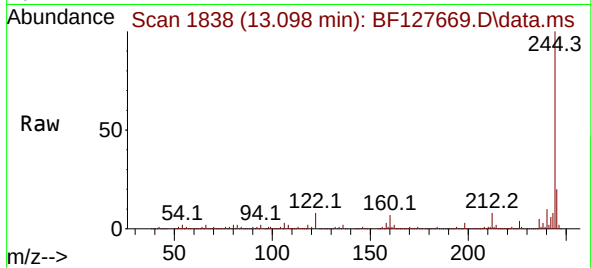




#77
Benzidine
Concen: 2.842 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

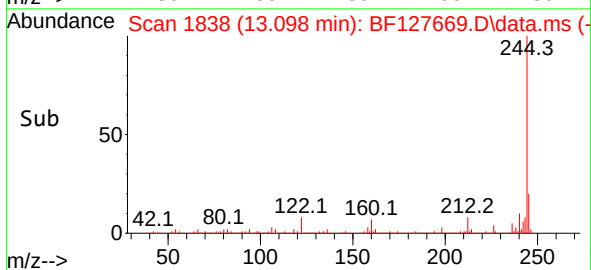
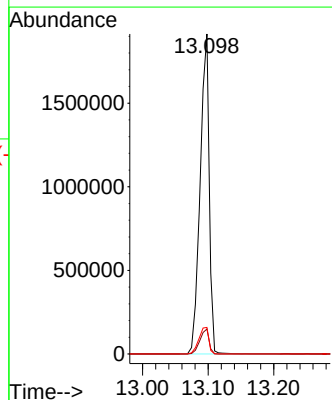
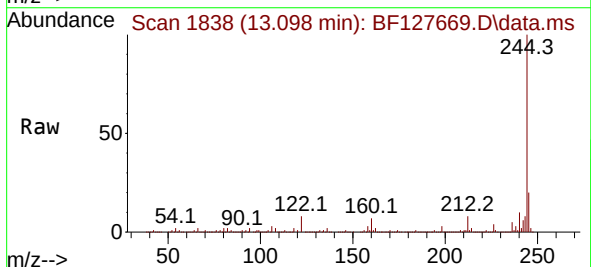
Instrument :
BNA_F
ClientSampleId :
TP-3

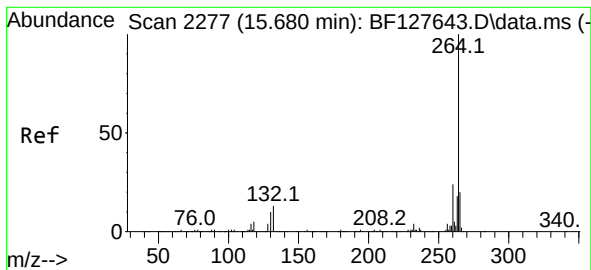
Tgt Ion:184 Resp: 27537
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 6.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 82.005 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

Tgt Ion:244 Resp: 1844118
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 8.3 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127669.D

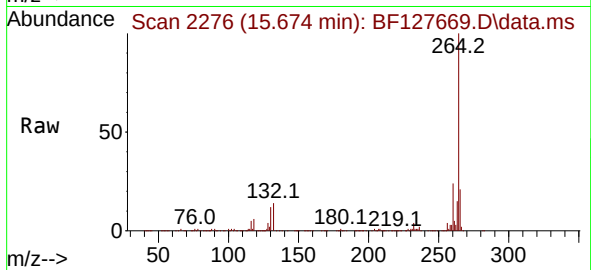
Acq: 07 Apr 2022 01:26

Instrument :

BNA_F

ClientSampleId :

TP-3



Tgt Ion:264 Resp: 331194

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 21.3 17.4 26.2

