

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127714.D
 Acq On : 08 Apr 2022 15:29
 Operator : CG\JU
 Sample : N2317-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-A

Quant Time: Apr 11 02:21:46 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)

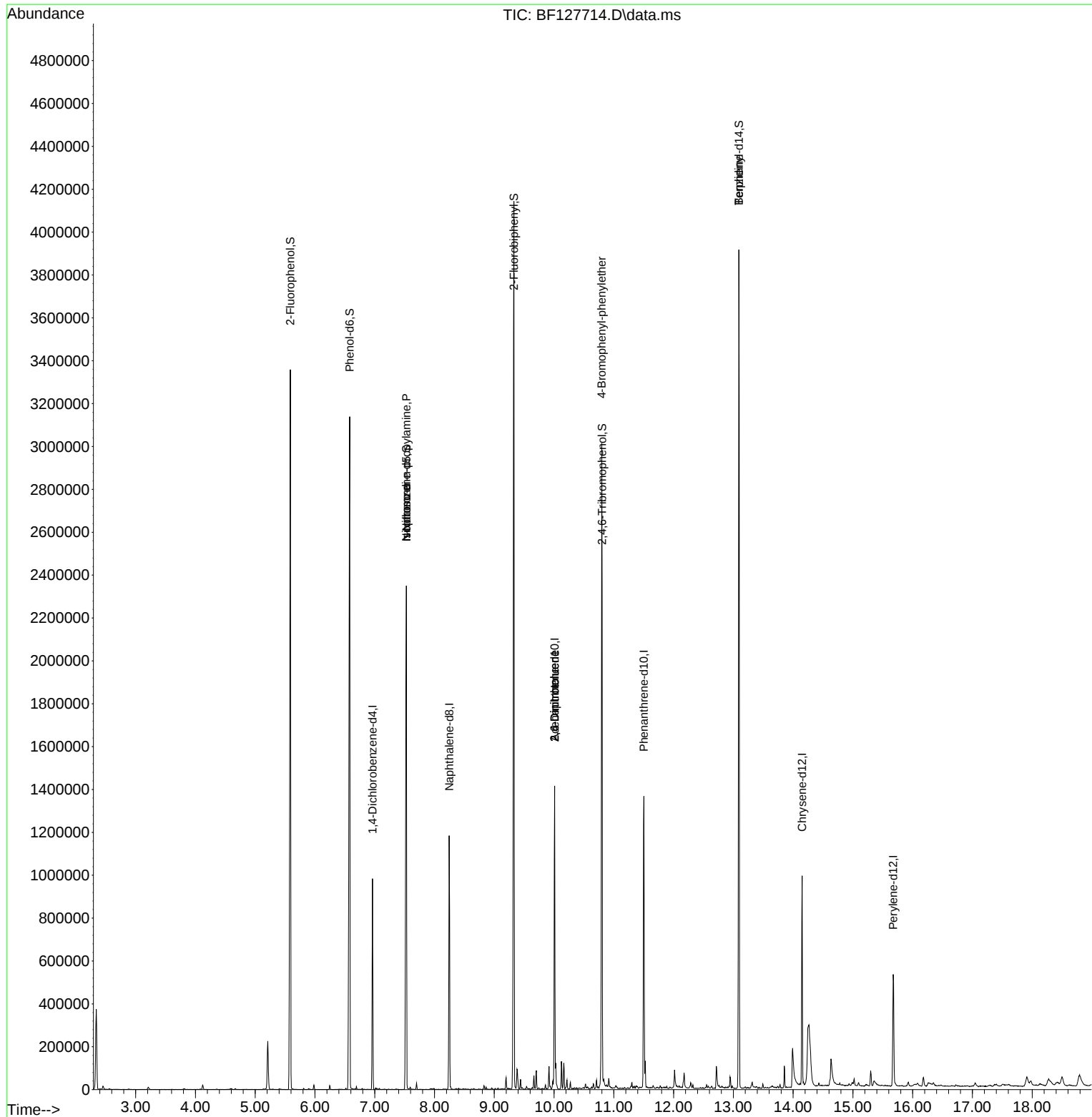
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	126837	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	480072	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	276309	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	501833	20.000	ng	0.00
76) Chrysene-d12	14.151	240	325941	20.000	ng	0.00
86) Perylene-d12	15.674	264	256839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	890548	114.088	ng	0.00
7) Phenol-d6	6.581	99	1142477	111.880	ng	0.00
23) Nitrobenzene-d5	7.528	82	810858	75.299	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	366506	124.647	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1338202	68.514	ng	0.00
79) Terphenyl-d14	13.092	244	1427890	72.310	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	883	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.528	70	110533	16.736	ng	# 75
25) Isophorone	7.528	82	810850	43.153	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	35622	9.436	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	35622	7.611	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	23993	3.939	ng	# 1
77) Benizidine	13.092	184	20002	2.351	ng	# 92

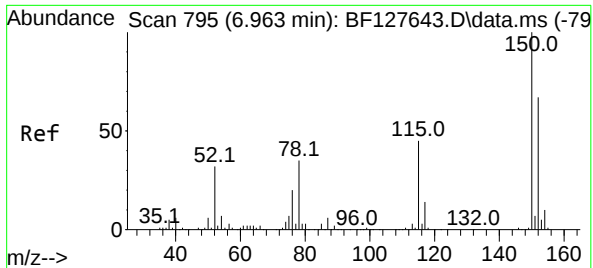
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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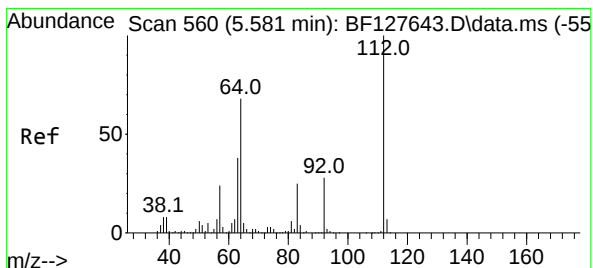
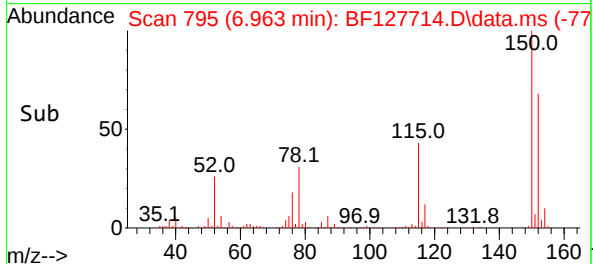
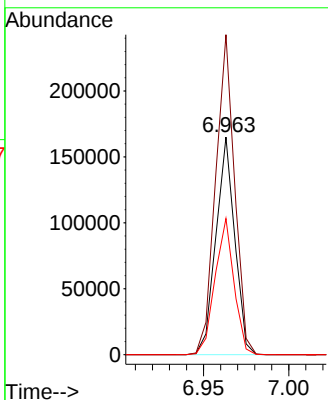
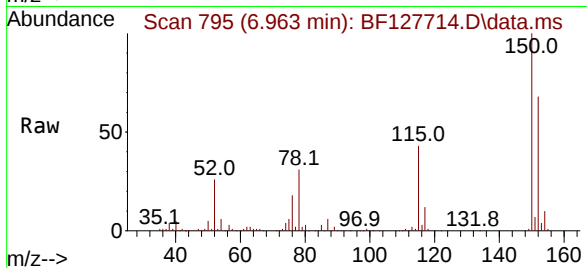




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127714.D
 Acq: 08 Apr 2022 15:29

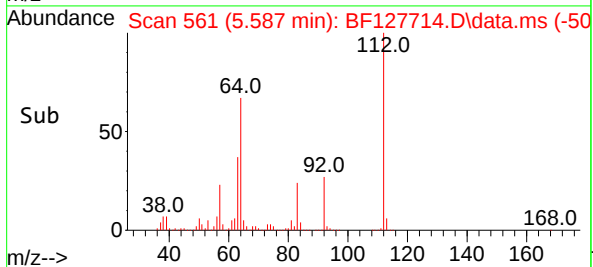
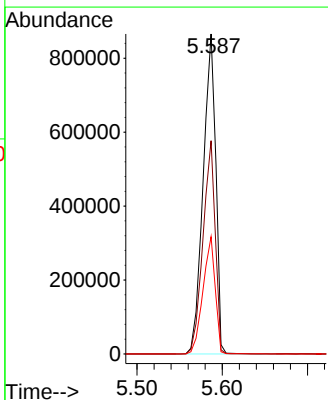
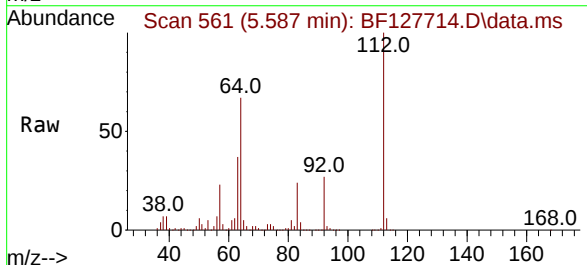
Instrument :
 BNA_F
 ClientSampleId :
 TP1-A

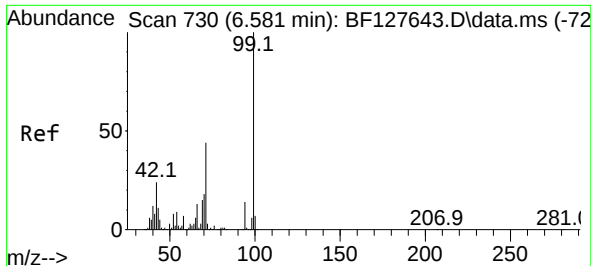
Tgt Ion:152 Resp: 126837
 Ion Ratio Lower Upper
 152 100
 150 147.1 117.2 175.8
 115 62.6 49.8 74.6



#5
 2-Fluorophenol
 Concen: 114.088 ng
 RT: 5.587 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF127714.D
 Acq: 08 Apr 2022 15:29

Tgt Ion:112 Resp: 890548
 Ion Ratio Lower Upper
 112 100
 64 66.6 58.4 87.6
 63 36.7 30.1 45.1



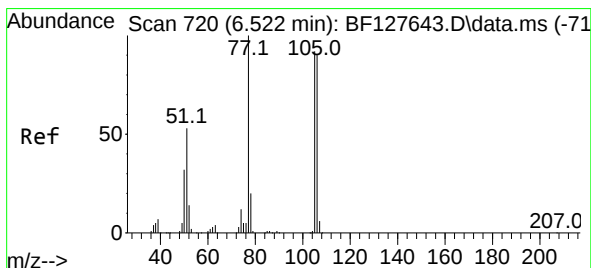
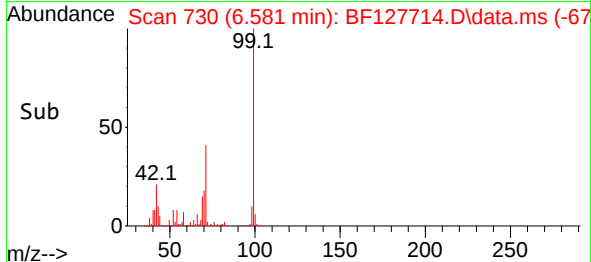
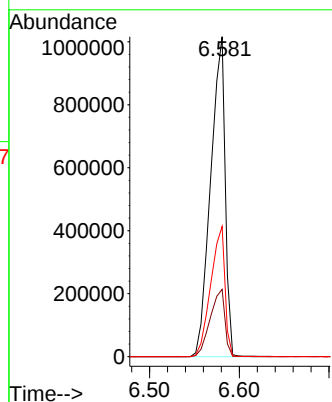
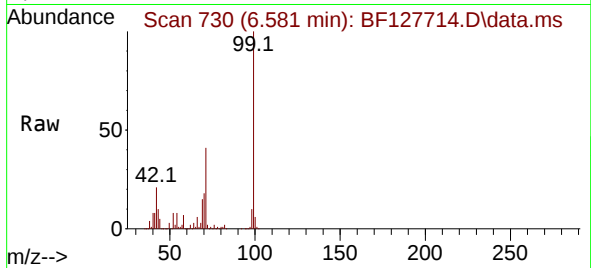


#7
Phenol-d6
Concen: 111.880 ng
RT: 6.581 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

Instrument :
BNA_F
ClientSampleId :
TP1-A

Tgt Ion: 99 Resp: 1142477

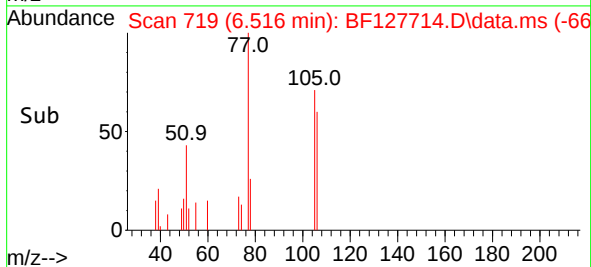
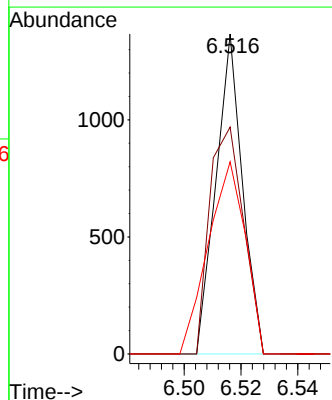
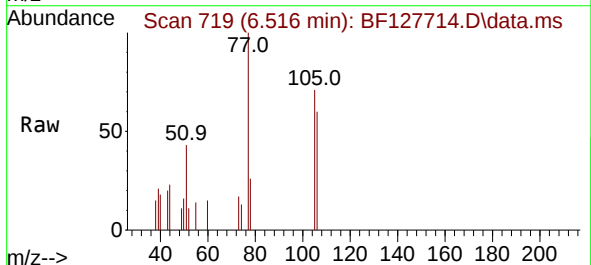
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.8	26.6
71	40.7	29.6	44.4

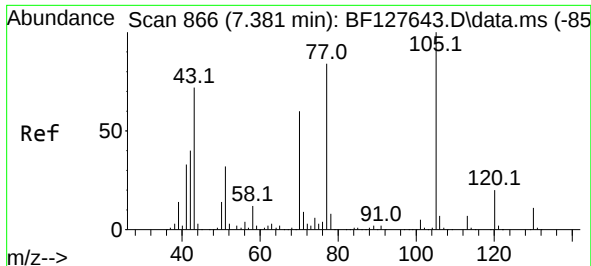


#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

Tgt Ion: 77 Resp: 883

Ion	Ratio	Lower	Upper
77	100		
105	70.9	66.8	106.8
106	60.1	64.3	104.3

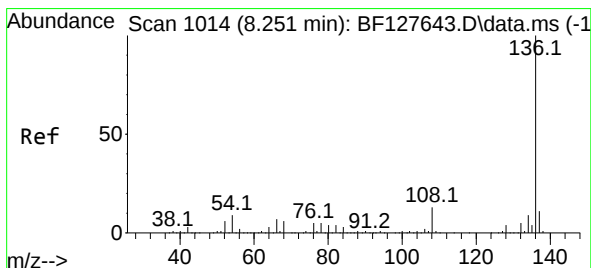
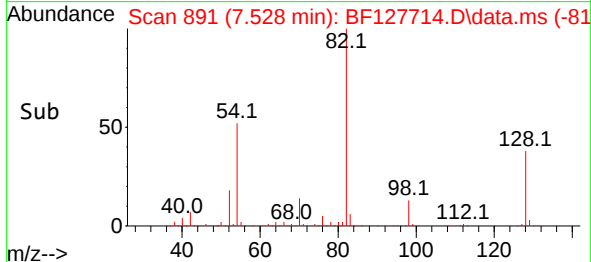
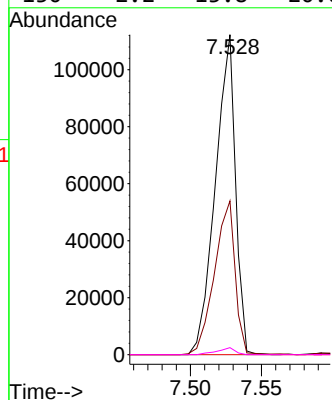
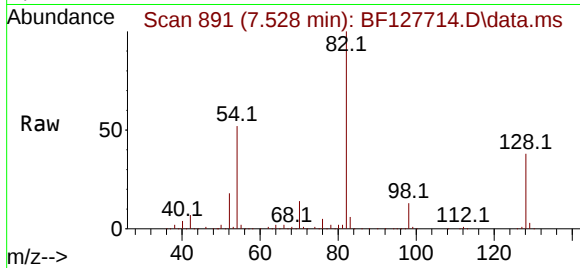




#19
n-Nitroso-di-n-propylamine
Concen: 16.736 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

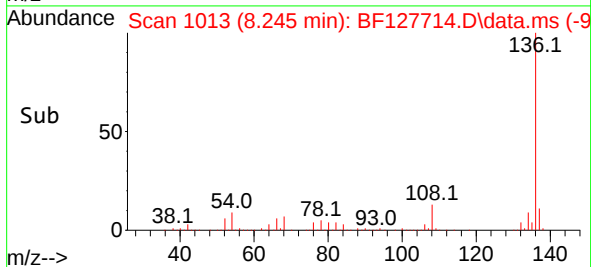
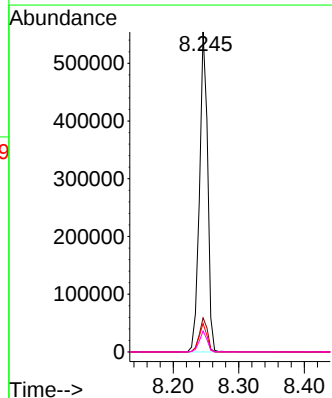
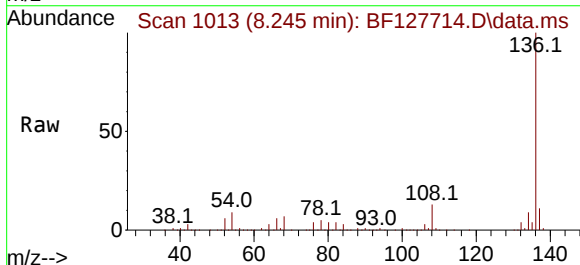
Instrument :
BNA_F
ClientSampleId :
TP1-A

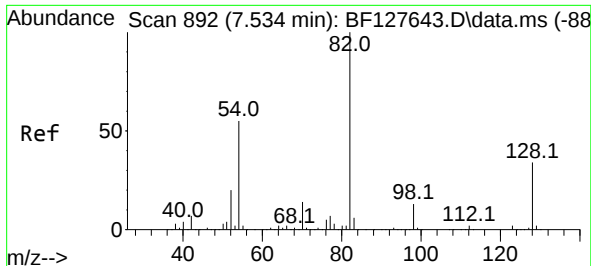
Tgt Ion: 70 Resp: 110533
Ion Ratio Lower Upper
70 100
42 48.1 53.0 79.6#
101 0.0 6.8 10.2#
130 2.2 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

Tgt Ion:136 Resp: 480072
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.9 9.2 13.8#
68 6.5 5.4 8.0

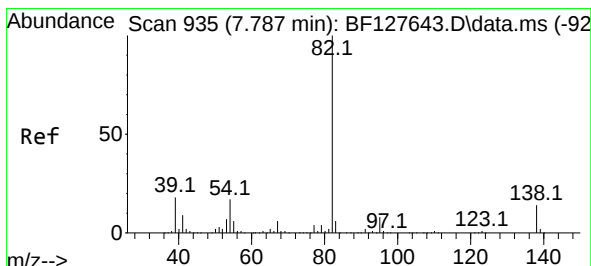
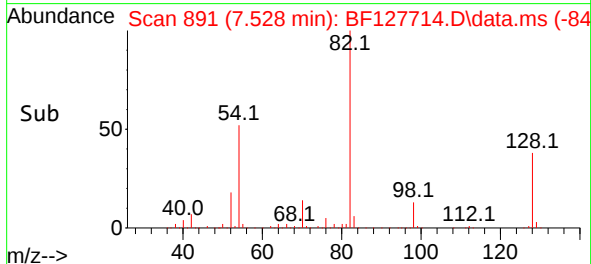
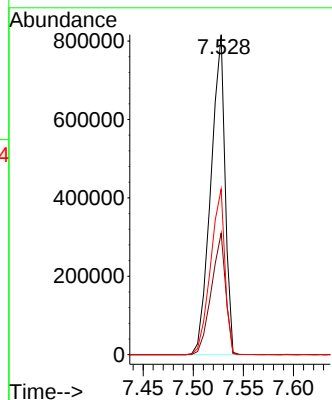
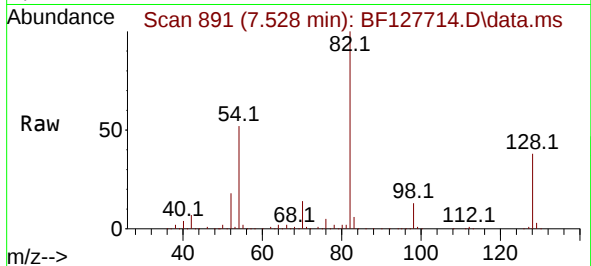




#23
Nitrobenzene-d5
Concen: 75.299 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

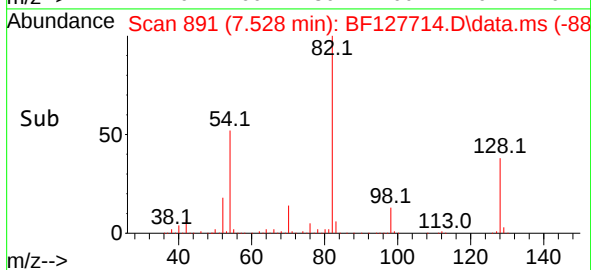
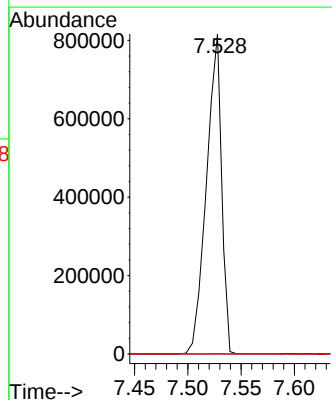
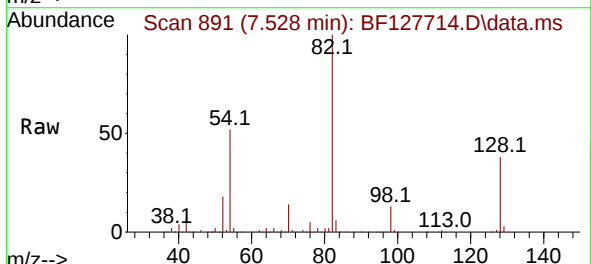
Instrument :
BNA_F
ClientSampleId :
TP1-A

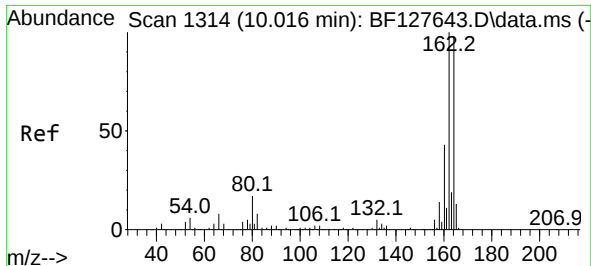
Tgt Ion: 82 Resp: 810858
Ion Ratio Lower Upper
82 100
128 38.0 30.6 45.8
54 51.8 48.2 72.2



#25
Isophorone
Concen: 43.153 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

Tgt Ion: 82 Resp: 810850
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

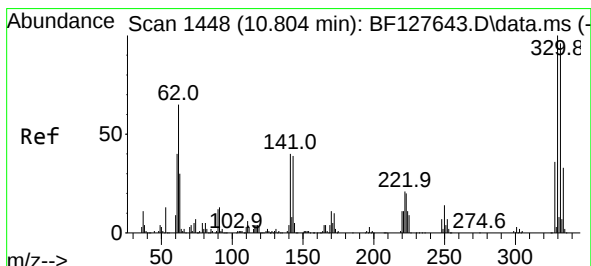
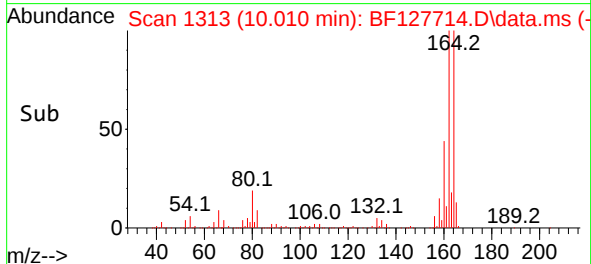
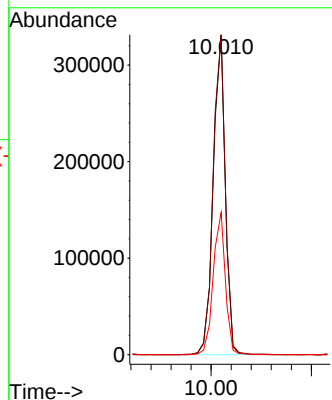
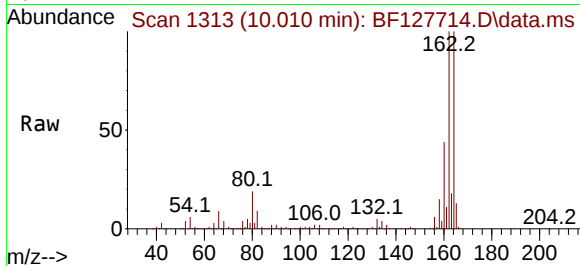




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

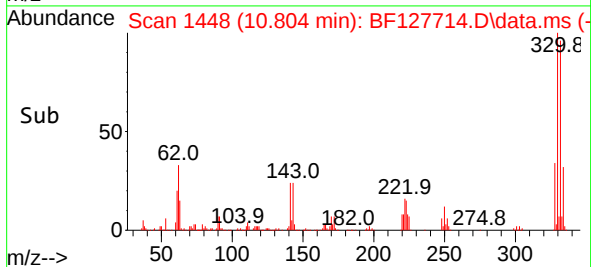
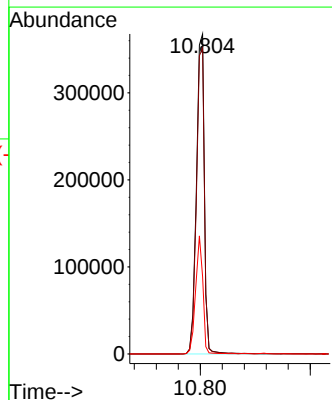
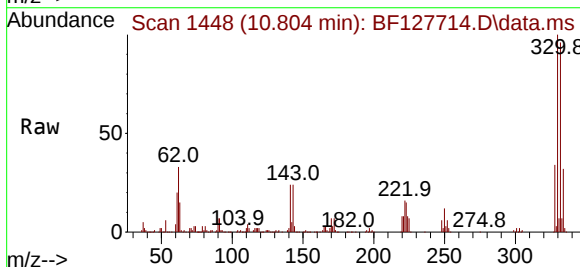
Instrument :
BNA_F
ClientSampleId :
TP1-A

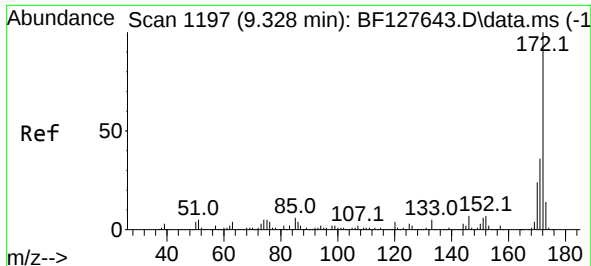
Tgt Ion:164 Resp: 276309
Ion Ratio Lower Upper
164 100
162 100.1 81.2 121.8
160 44.5 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 124.647 ng
RT: 10.804 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

Tgt Ion:330 Resp: 366506
Ion Ratio Lower Upper
330 100
332 95.3 79.1 118.7
141 33.8 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 68.514 ng

RT: 9.328 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF127714.D

Acq: 08 Apr 2022 15:29

Instrument :

BNA_F

ClientSampleId :

TP1-A

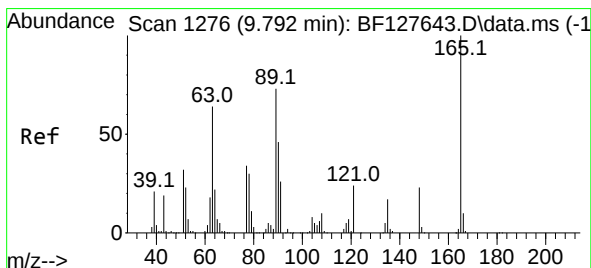
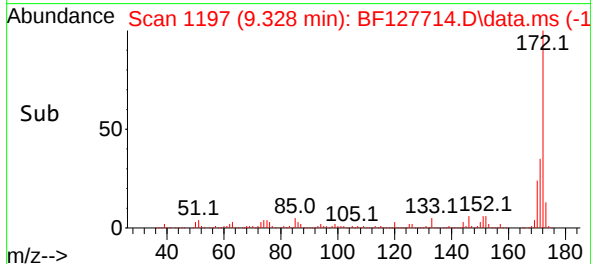
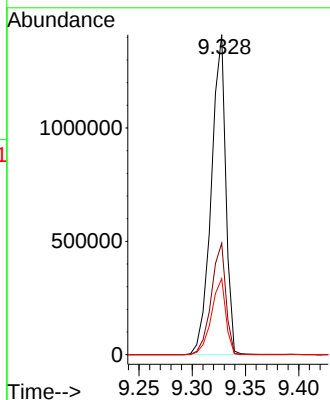
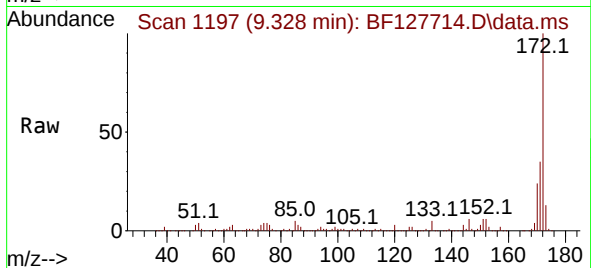
Tgt Ion:172 Resp: 1338202

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.436 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127714.D

Acq: 08 Apr 2022 15:29

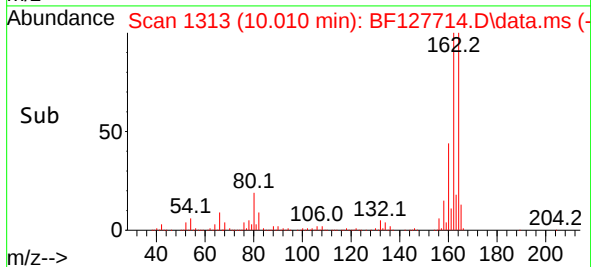
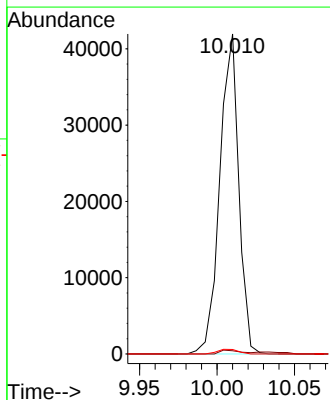
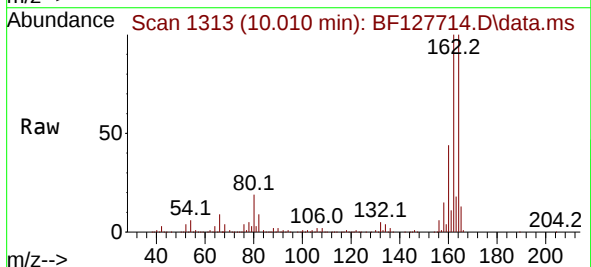
Tgt Ion:165 Resp: 35622

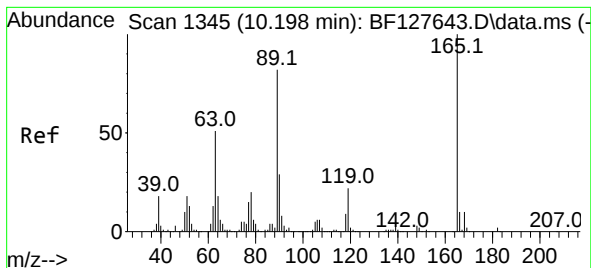
Ion Ratio Lower Upper

165 100

63 1.0 58.3 87.5#

89 1.4 51.5 77.3#

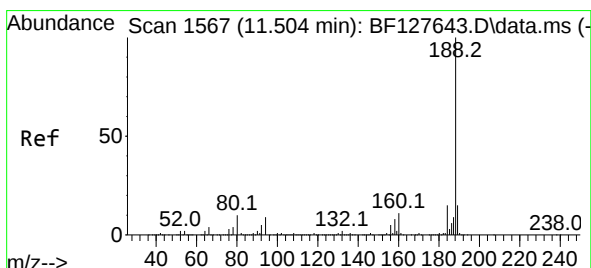
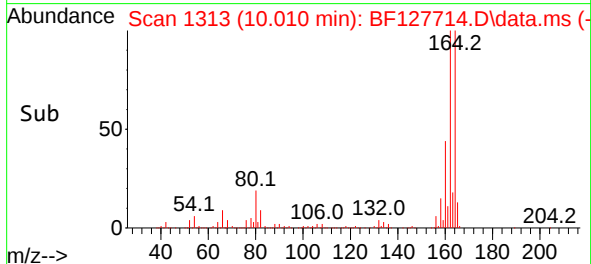
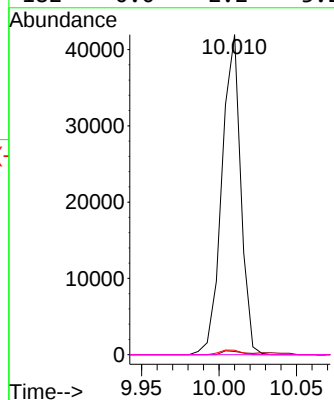
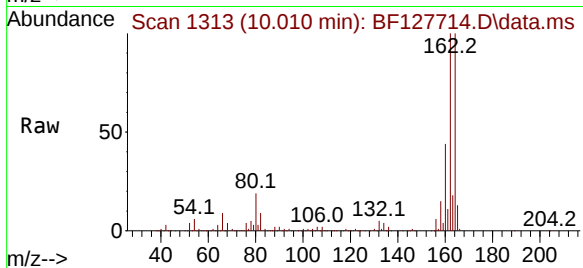




#57
2,4-Dinitrotoluene
Concen: 7.611 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

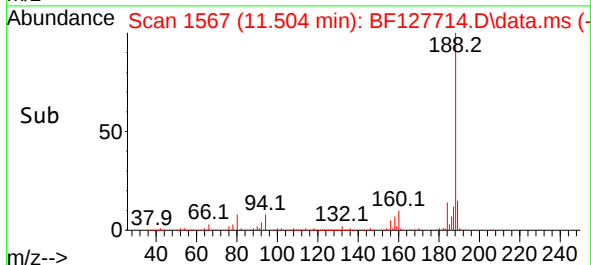
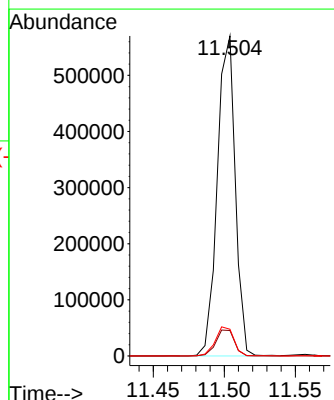
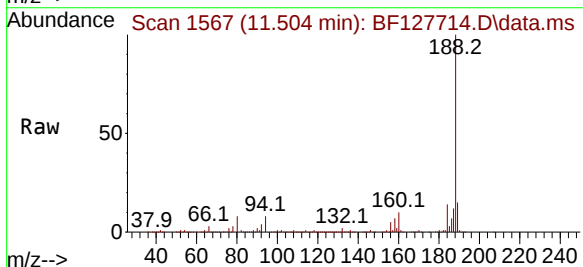
Instrument :
BNA_F
ClientSampleId :
TP1-A

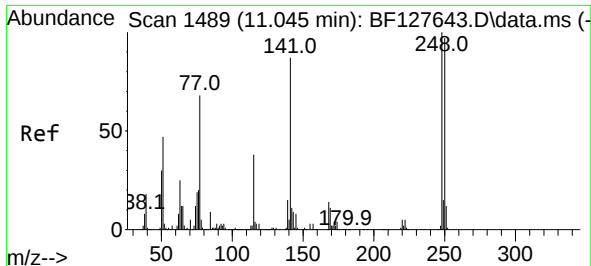
Tgt Ion:165 Resp: 35622
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

Tgt Ion:188 Resp: 501833
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.0
80 8.4 8.0 12.0

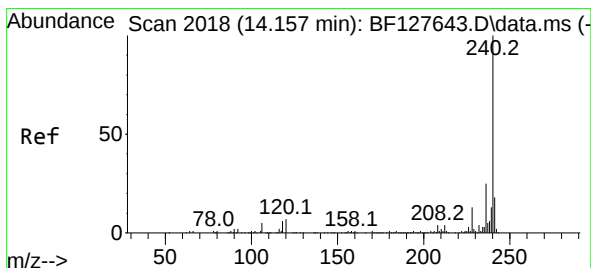
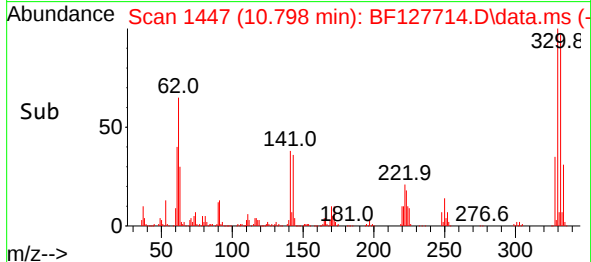
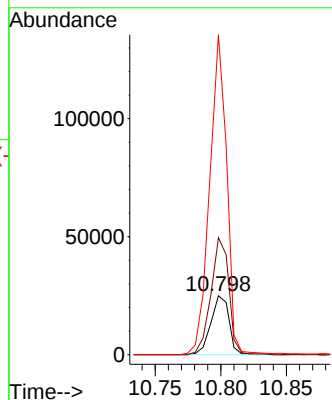
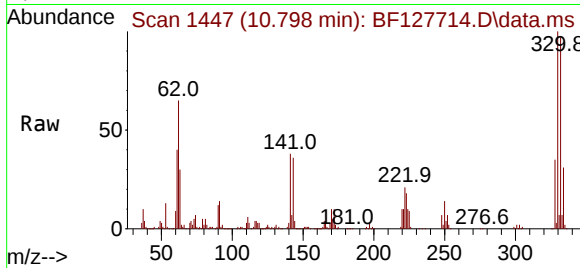




#67
4-Bromophenyl-phenylether
Concen: 3.939 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

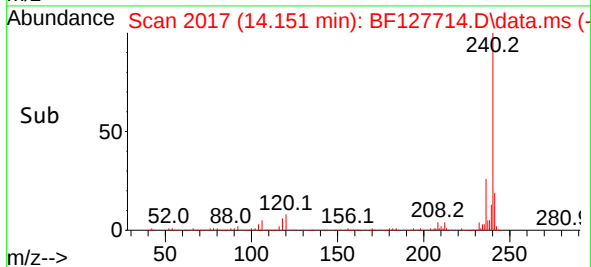
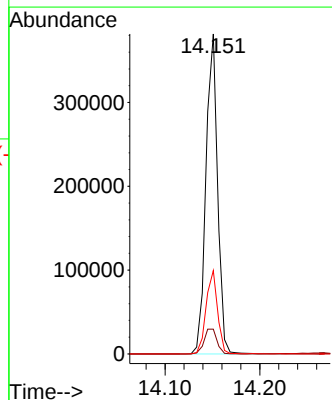
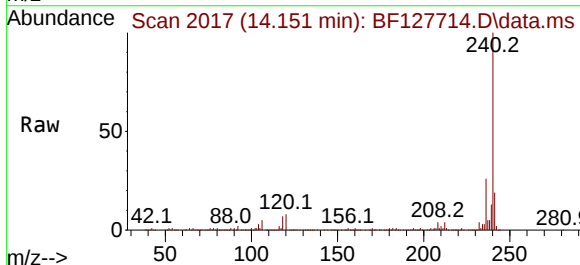
Instrument :
BNA_F
ClientSampleId :
TP1-A

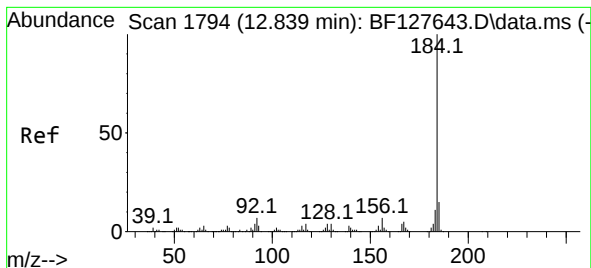
Tgt Ion:248 Resp: 23993
Ion Ratio Lower Upper
248 100
250 198.3 76.6 115.0#
141 542.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

Tgt Ion:240 Resp: 325941
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 26.0 20.7 31.1





#77

Benzidine

Concen: 2.351 ng

RT: 13.092 min Scan# 1837

Delta R.T. 0.253 min

Lab File: BF127714.D

Acq: 08 Apr 2022 15:29

Instrument :

BNA_F

ClientSampleId :

TP1-A

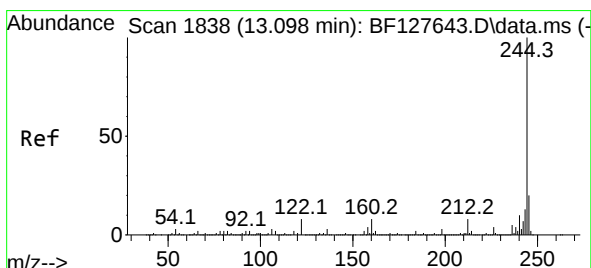
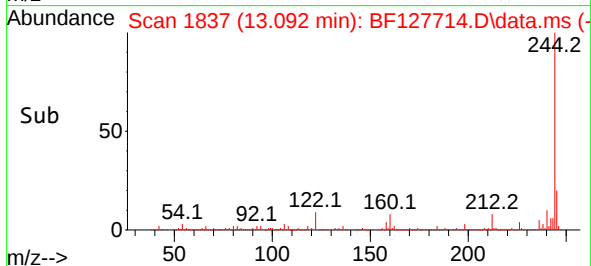
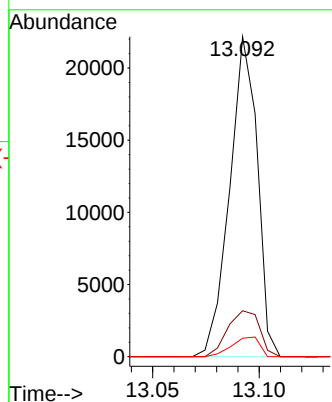
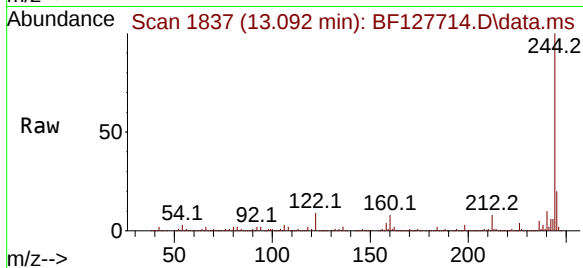
Tgt Ion:184 Resp: 20002

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

183 5.8 9.4 14.0#



#79

Terphenyl-d14

Concen: 72.310 ng

RT: 13.092 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF127714.D

Acq: 08 Apr 2022 15:29

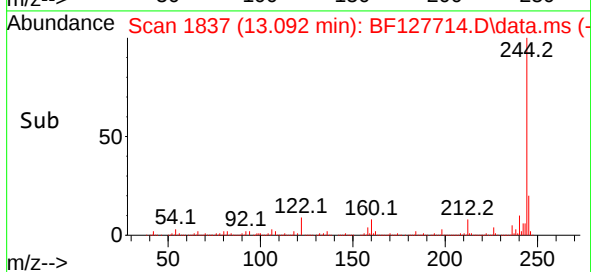
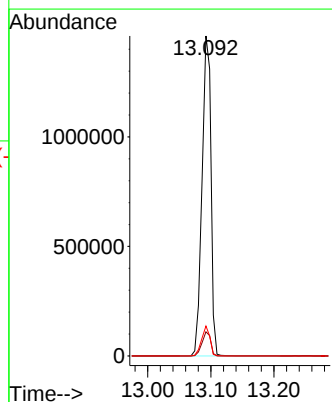
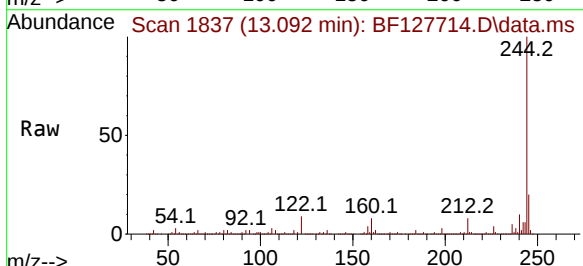
Tgt Ion:244 Resp: 1427890

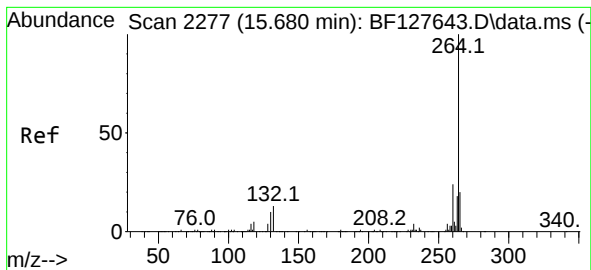
Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

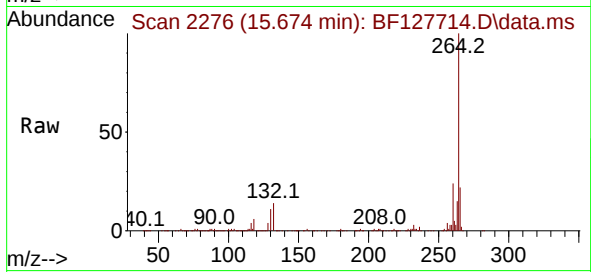
122 9.3 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127714.D
Acq: 08 Apr 2022 15:29

Instrument :
BNA_F
ClientSampleId :
TP1-A



Tgt Ion:264 Resp: 256839

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.8	17.4	26.2

