

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127589.D
 Acq On : 30 Mar 2022 15:44
 Operator : CG\JU
 Sample : PB143700TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143700TB

Quant Time: Mar 30 16:35:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

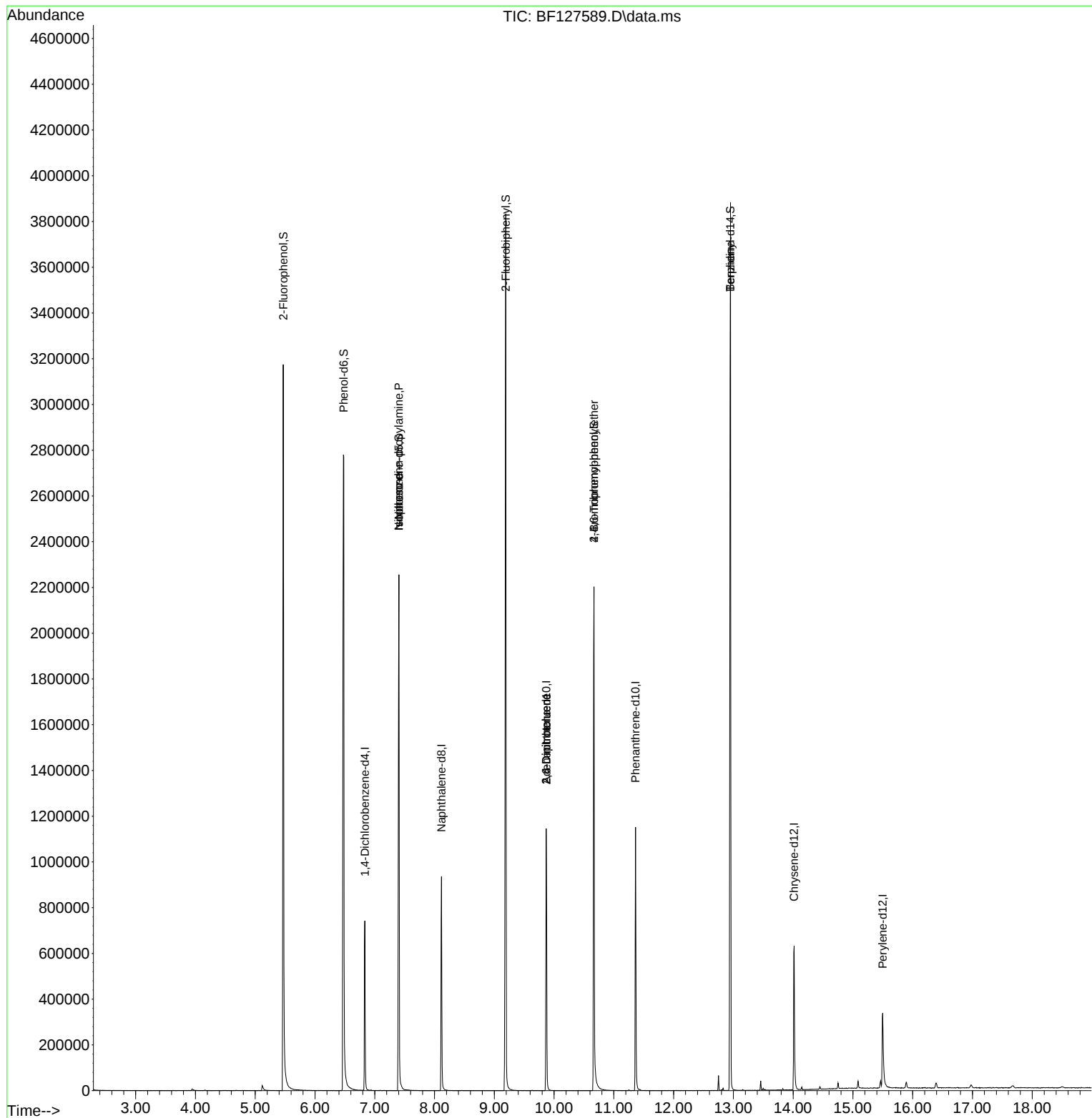
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	109713	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	404880	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	233921	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	417101	20.000	ng	0.00
76) Chrysene-d12	14.015	240	265711	20.000	ng	0.00
86) Perylene-d12	15.498	264	198096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	827529	120.398	ng	0.01
7) Phenol-d6	6.481	99	1137013	121.020	ng	0.00
23) Nitrobenzene-d5	7.404	82	782161	82.578	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	281471	112.956	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1308483	81.681	ng	0.00
79) Terphenyl-d14	12.951	244	1403796	86.487	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1727	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	105489	18.731	ng	# 80
25) Isophorone	7.404	82	782154	51.847	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	29746	8.708	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	29746	6.765	ng	# 13
58) Fluorene	10.669	166	10371	Below Cal	#	80
67) 4-Bromophenyl-phenylether	10.669	248	18774	3.855	ng	# 1
77) Benzidine	12.951	184	17679	2.790	ng	# 92

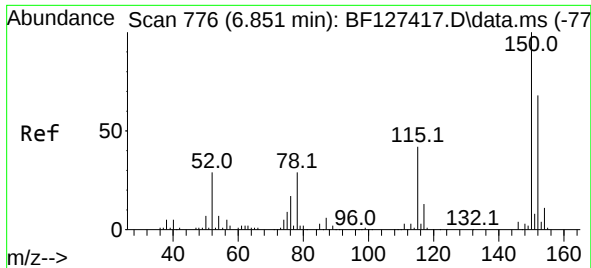
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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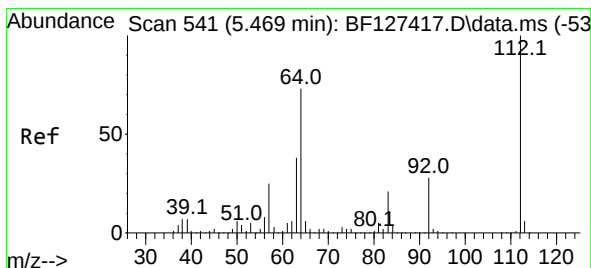
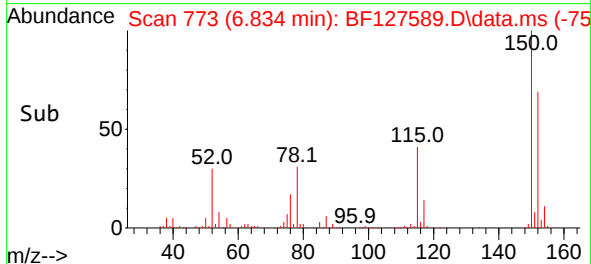
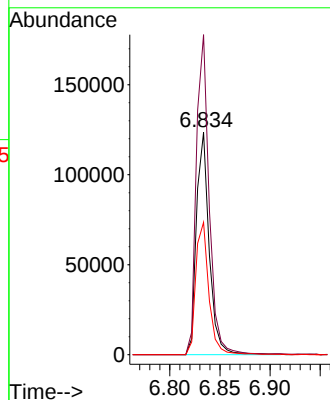
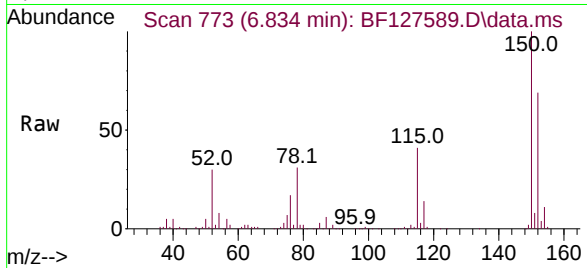




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

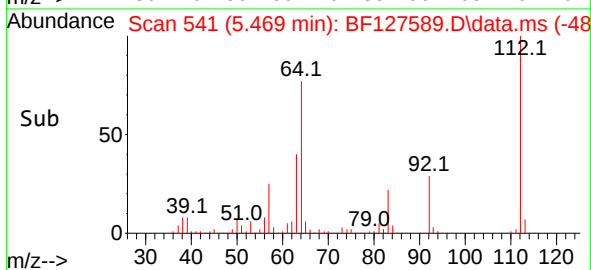
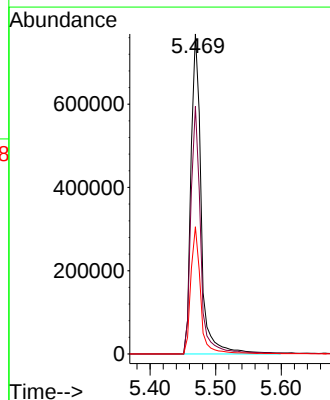
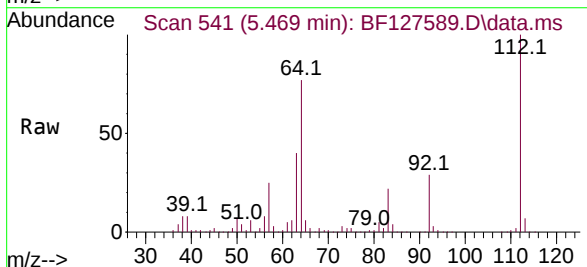
Instrument :
BNA_F
ClientSampleId :
PB143700TB

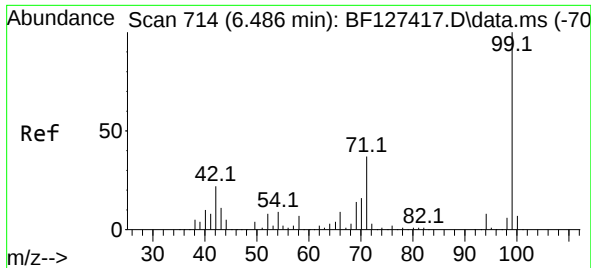
Tgt Ion:152 Resp: 109713
Ion Ratio Lower Upper
152 100
150 143.9 117.2 175.8
115 59.5 49.8 74.6



#5
2-Fluorophenol
Concen: 120.398 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

Tgt Ion:112 Resp: 827529
Ion Ratio Lower Upper
112 100
64 77.4 58.4 87.6
63 39.7 30.1 45.1



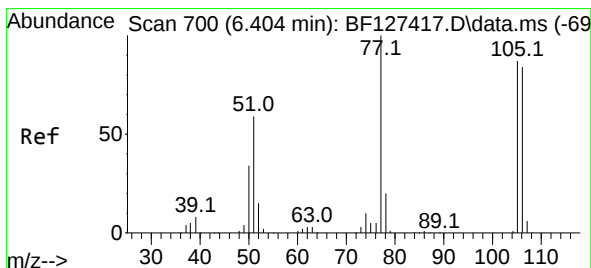
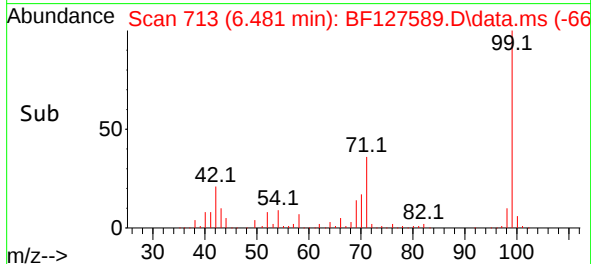
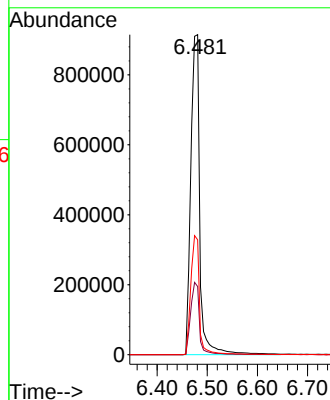
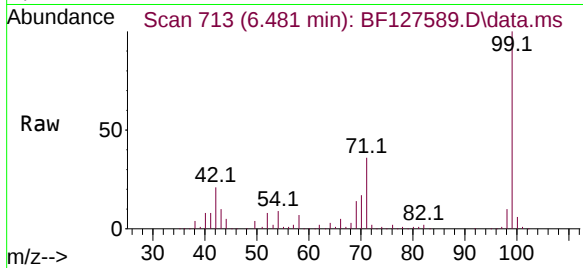


#7
Phenol-d6
Concen: 121.020 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

Instrument :
BNA_F
ClientSampleId :
PB143700TB

Tgt Ion: 99 Resp: 1137013

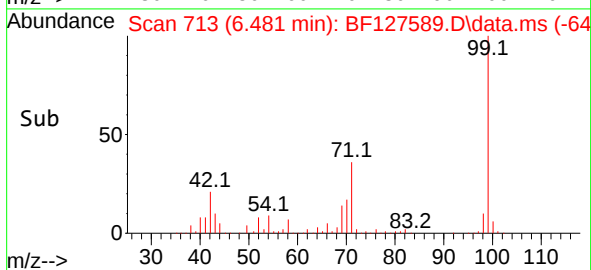
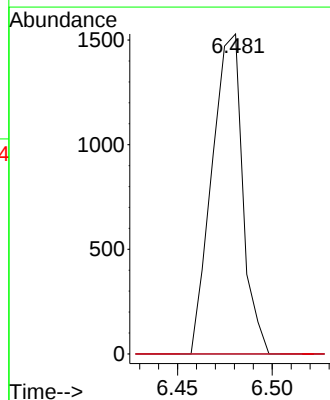
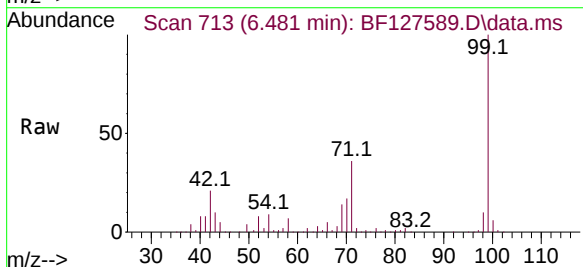
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.8	26.6
71	35.9	29.6	44.4

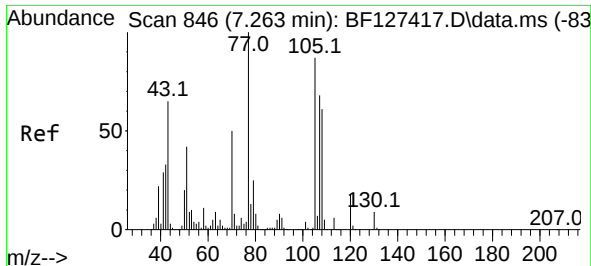


#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.088 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

Tgt Ion: 77 Resp: 1727

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: 18.731 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127589.D

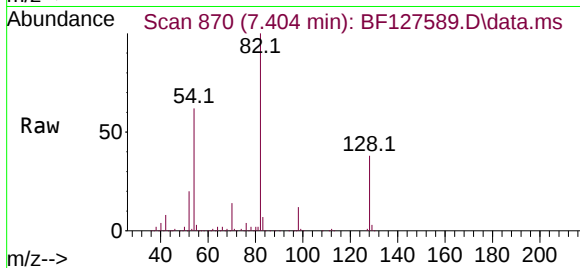
Acq: 30 Mar 2022 15:44

Instrument :

BNA_F

ClientSampleId :

PB143700TB



Tgt Ion: 70 Resp: 105489

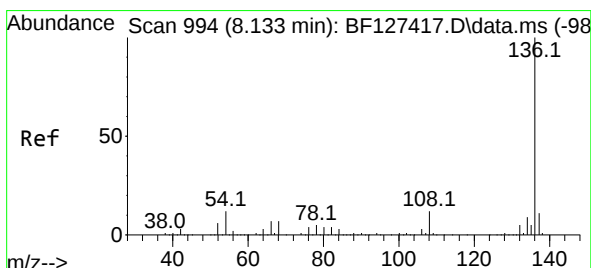
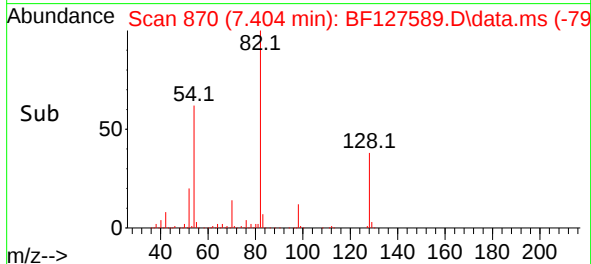
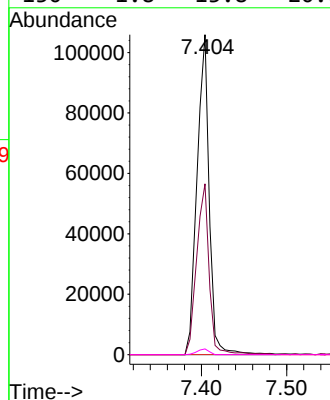
Ion Ratio Lower Upper

70 100

42 53.4 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: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127589.D

Acq: 30 Mar 2022 15:44

Tgt Ion: 136 Resp: 404880

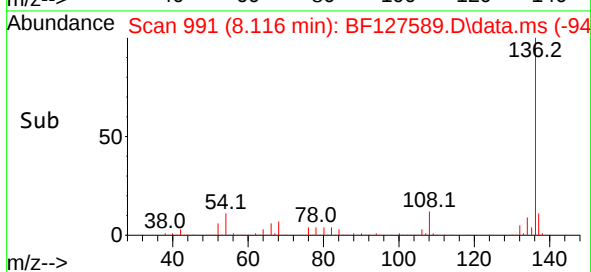
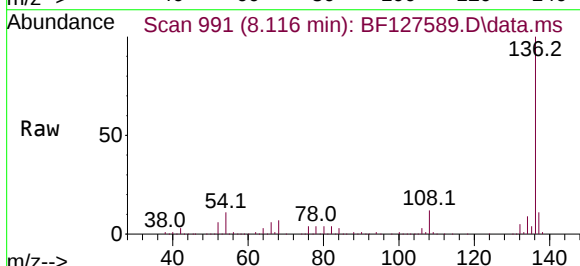
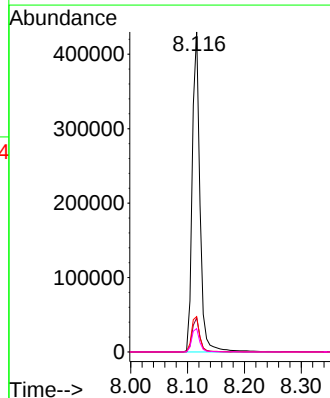
Ion Ratio Lower Upper

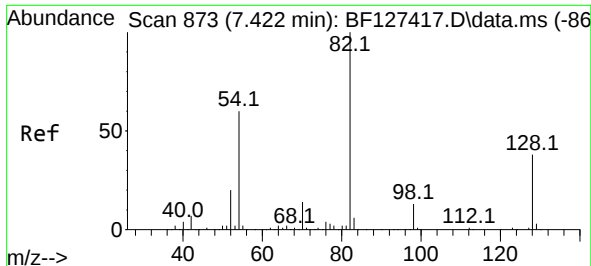
136 100

137 10.7 8.6 13.0

54 11.1 9.2 13.8

68 7.3 5.4 8.0

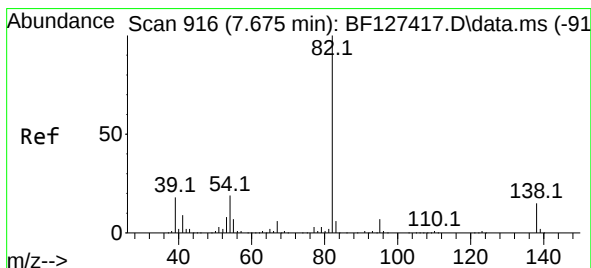
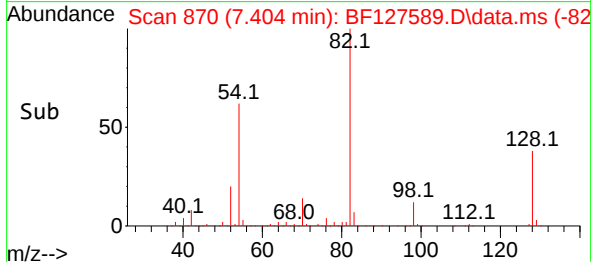
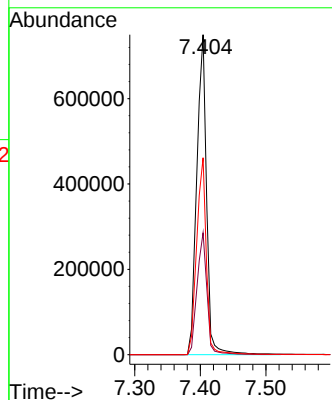
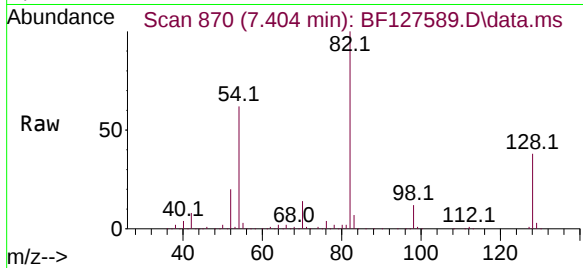




#23
Nitrobenzene-d5
Concen: 82.578 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

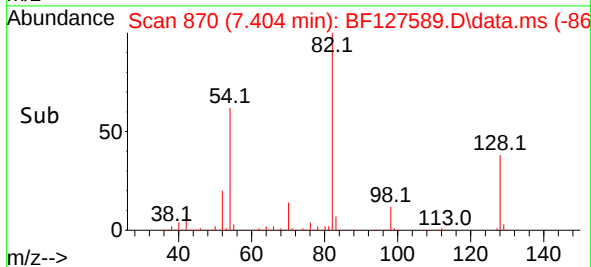
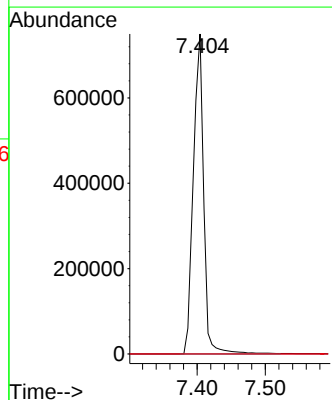
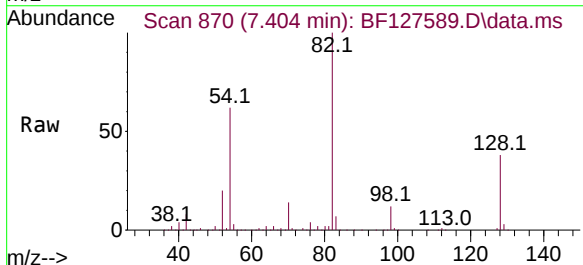
Instrument :
BNA_F
ClientSampleId :
PB143700TB

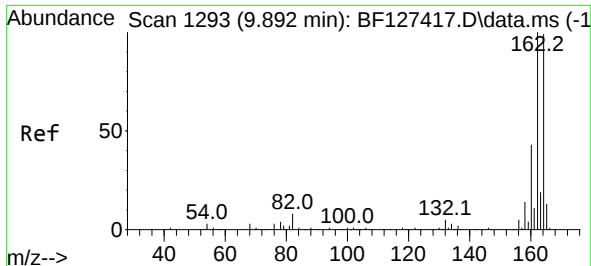
Tgt Ion: 82 Resp: 782161
Ion Ratio Lower Upper
82 100
128 38.1 30.6 45.8
54 61.5 48.2 72.2



#25
Isophorone
Concen: 51.847 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

Tgt Ion: 82 Resp: 782154
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: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127589.D

Acq: 30 Mar 2022 15:44

Instrument :

BNA_F

ClientSampleId :

PB143700TB

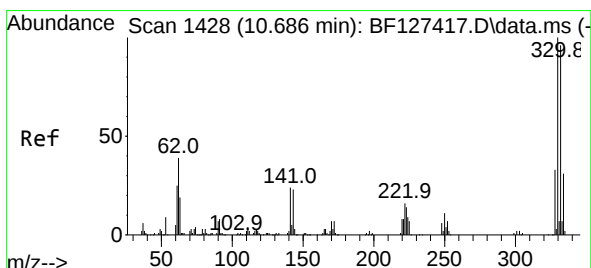
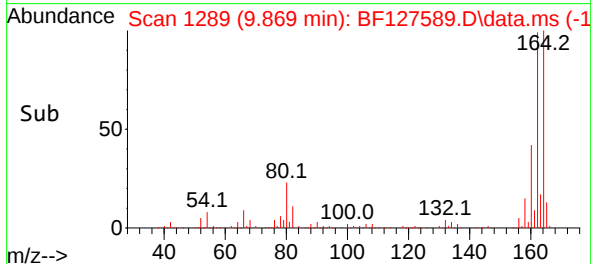
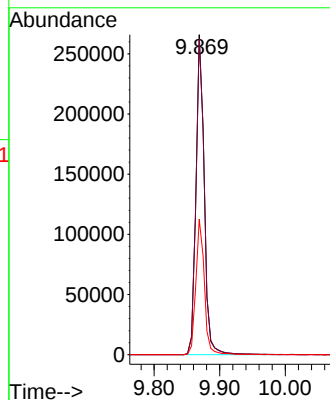
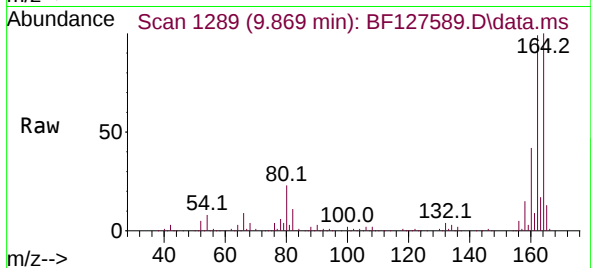
Tgt Ion:164 Resp: 233921

Ion Ratio Lower Upper

164 100

162 98.8 81.2 121.8

160 42.3 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 112.956 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127589.D

Acq: 30 Mar 2022 15:44

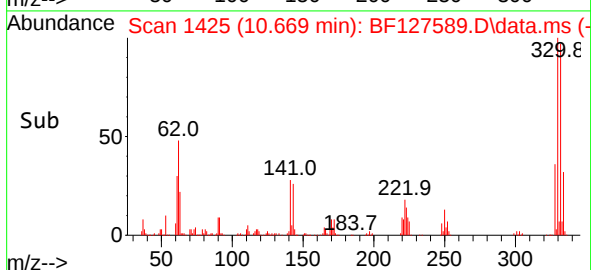
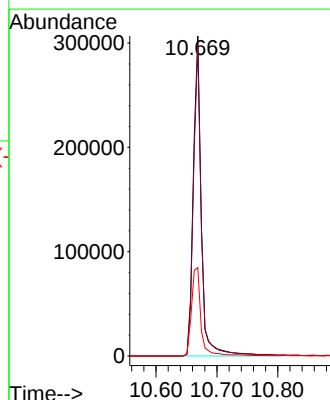
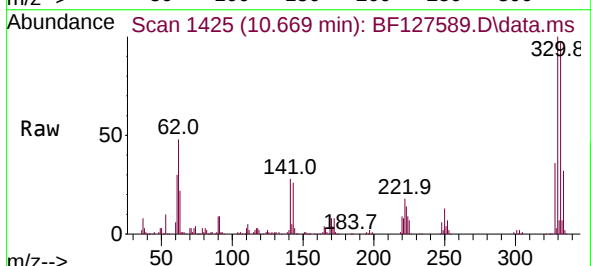
Tgt Ion:330 Resp: 281471

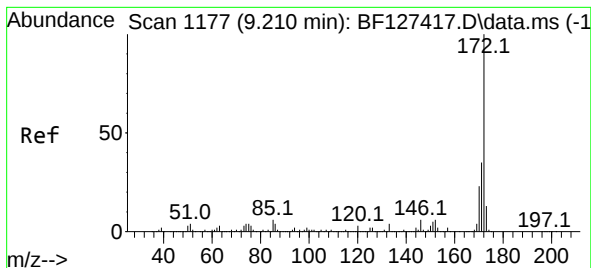
Ion Ratio Lower Upper

330 100

332 95.2 79.1 118.7

141 31.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 81.681 ng

RT: 9.192 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127589.D

Acq: 30 Mar 2022 15:44

Instrument :

BNA_F

ClientSampleId :

PB143700TB

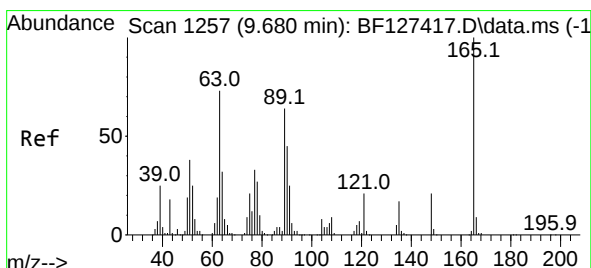
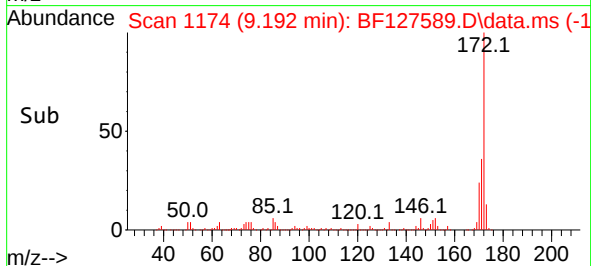
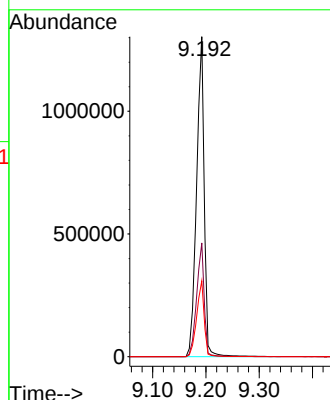
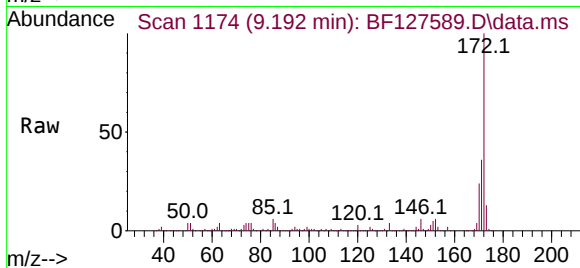
Tgt Ion:172 Resp: 1308483

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.708 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127589.D

Acq: 30 Mar 2022 15:44

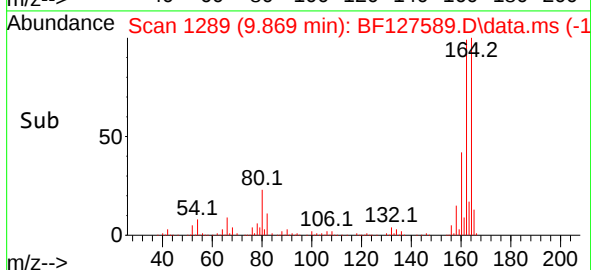
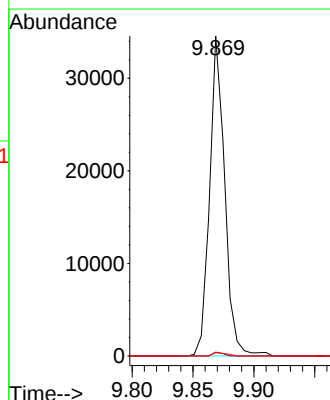
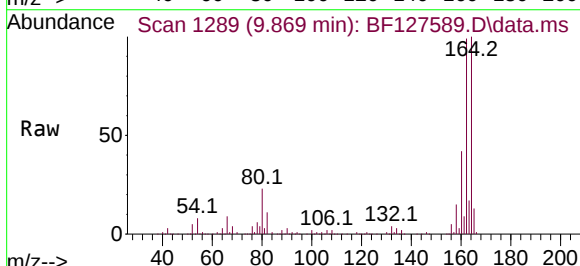
Tgt Ion:165 Resp: 29746

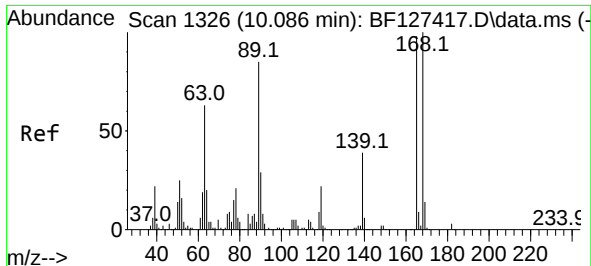
Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 1.0 51.5 77.3#

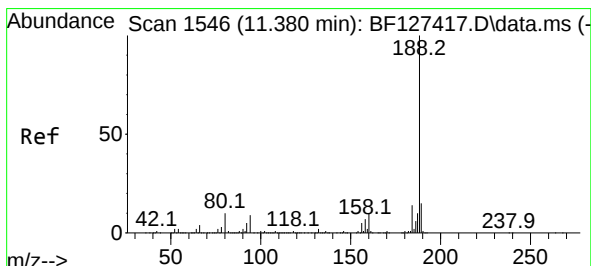
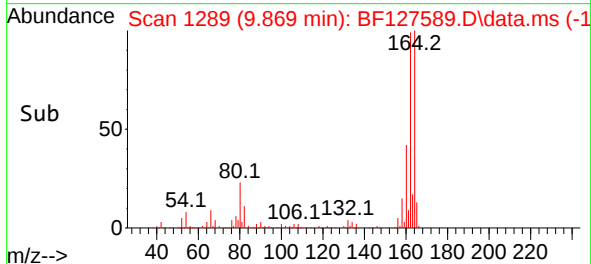
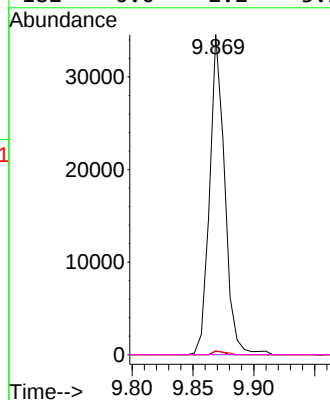
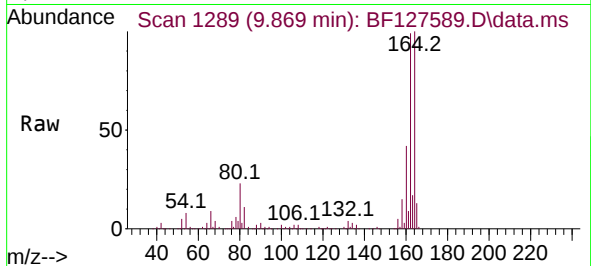




#57
2,4-Dinitrotoluene
Concen: 6.765 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

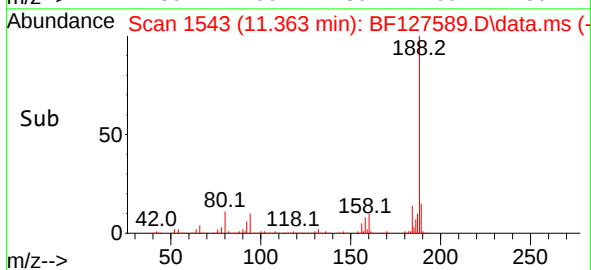
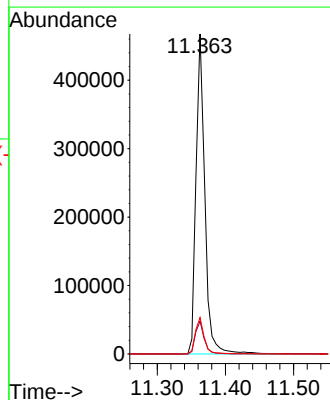
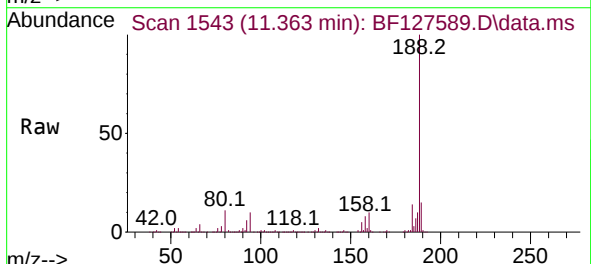
Instrument :
BNA_F
ClientSampleId :
PB143700TB

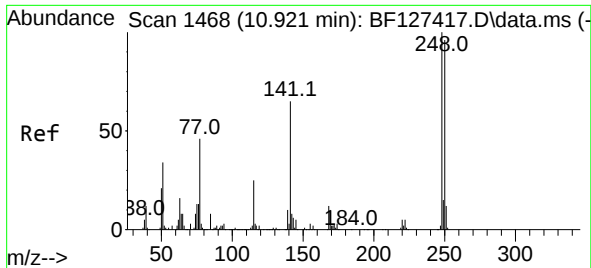
Tgt Ion:165 Resp: 29746
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

Tgt Ion:188 Resp: 417101
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.4 8.0 12.0

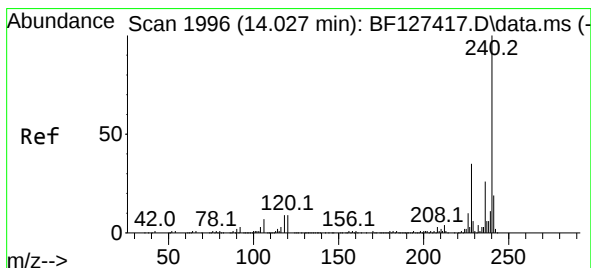
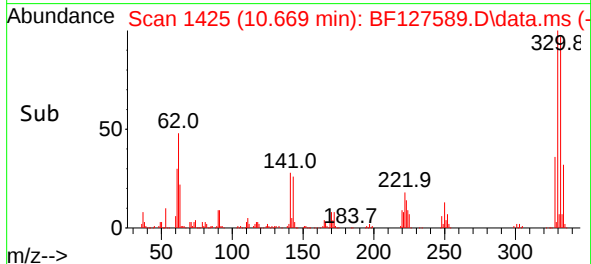
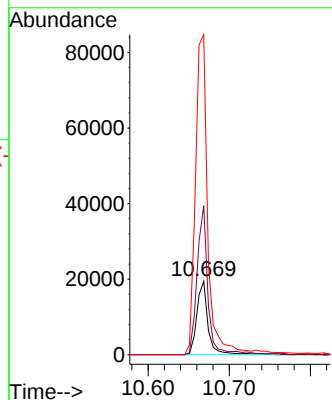
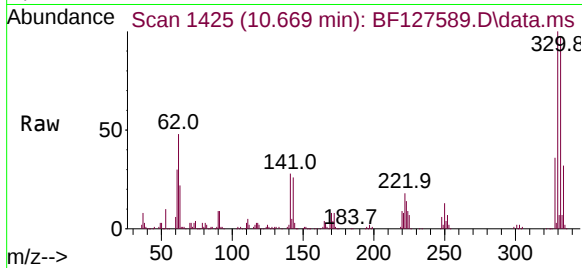




#67
4-Bromophenyl-phenylether
Concen: 3.855 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

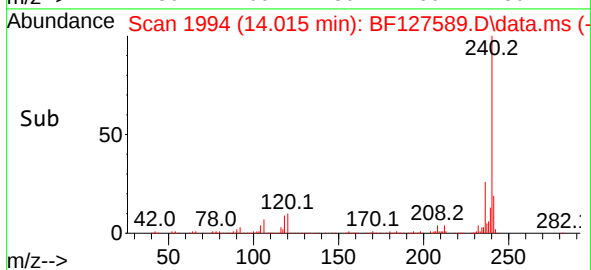
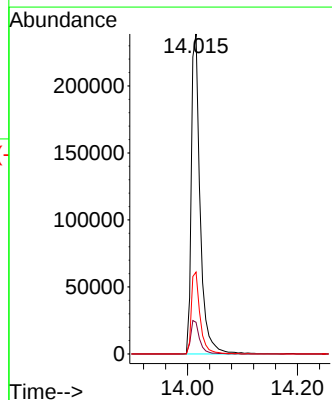
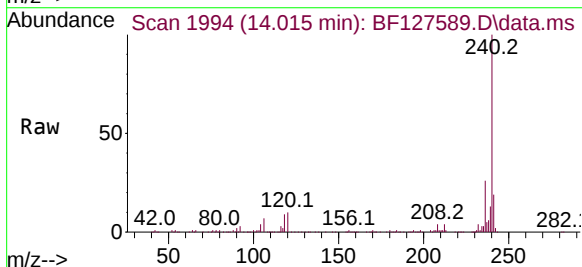
Instrument :
BNA_F
ClientSampleId :
PB143700TB

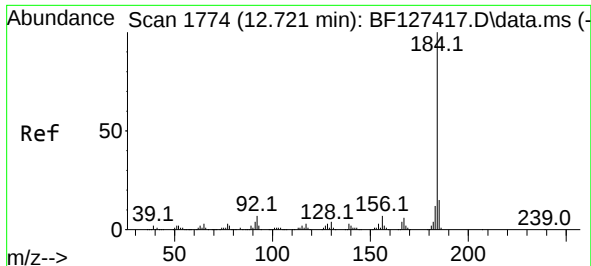
Tgt Ion:248 Resp: 18774
Ion Ratio Lower Upper
248 100
250 202.7 76.6 115.0#
141 435.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

Tgt Ion:240 Resp: 265711
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 25.6 20.7 31.1

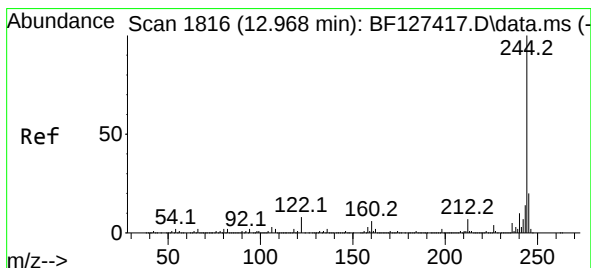
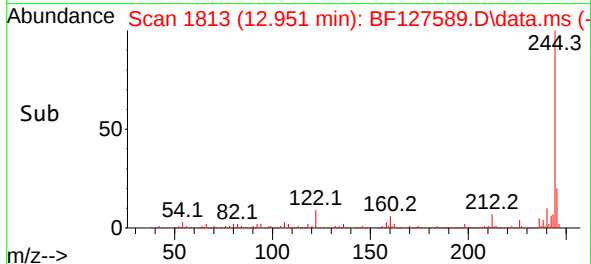
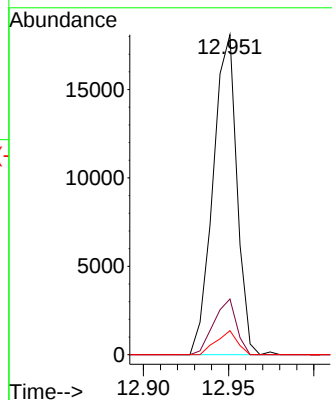
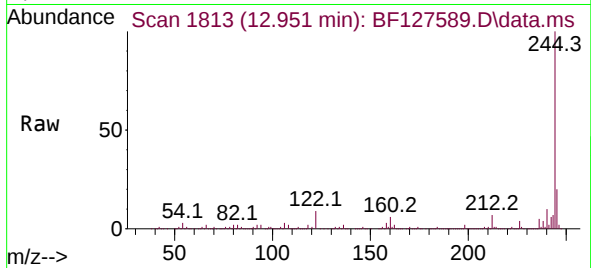




#77
Benzidine
Concen: 2.790 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

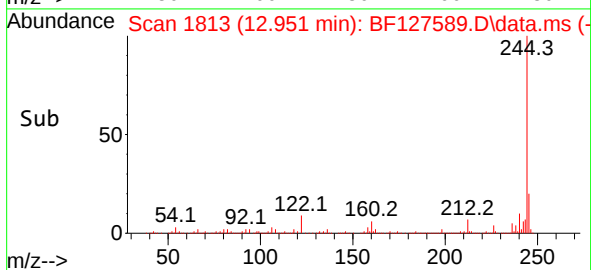
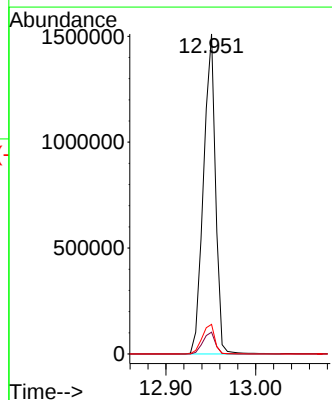
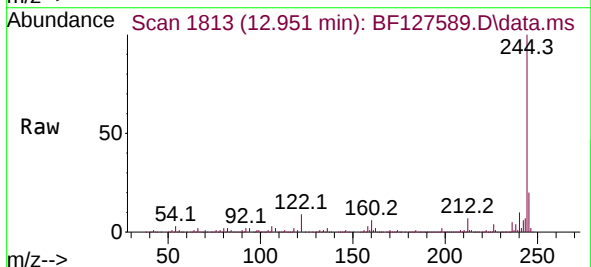
Instrument :
BNA_F
ClientSampleId :
PB143700TB

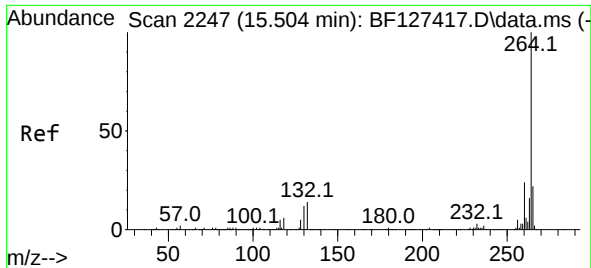
Tgt Ion:184 Resp: 17679
Ion Ratio Lower Upper
184 100
185 17.4 12.2 18.2
183 7.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 86.487 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

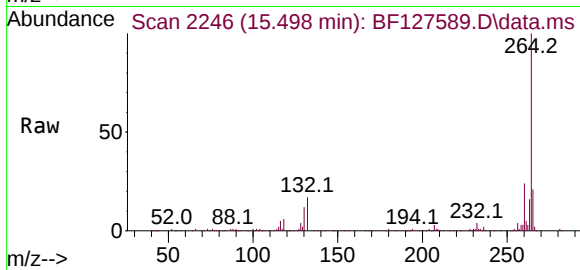
Tgt Ion:244 Resp: 1403796
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.3 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127589.D
Acq: 30 Mar 2022 15:44

Instrument :
BNA_F
ClientSampleId :
PB143700TB



Tgt Ion:264 Resp: 198096
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 20.9 17.4 26.2

