

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032122\
 Data File : BF127443.D
 Acq On : 22 Mar 2022 08:59
 Operator : CG\JU
 Sample : N2010-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 09:25:34 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 22 02:16:33 2022
 Response via : Initial Calibration

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

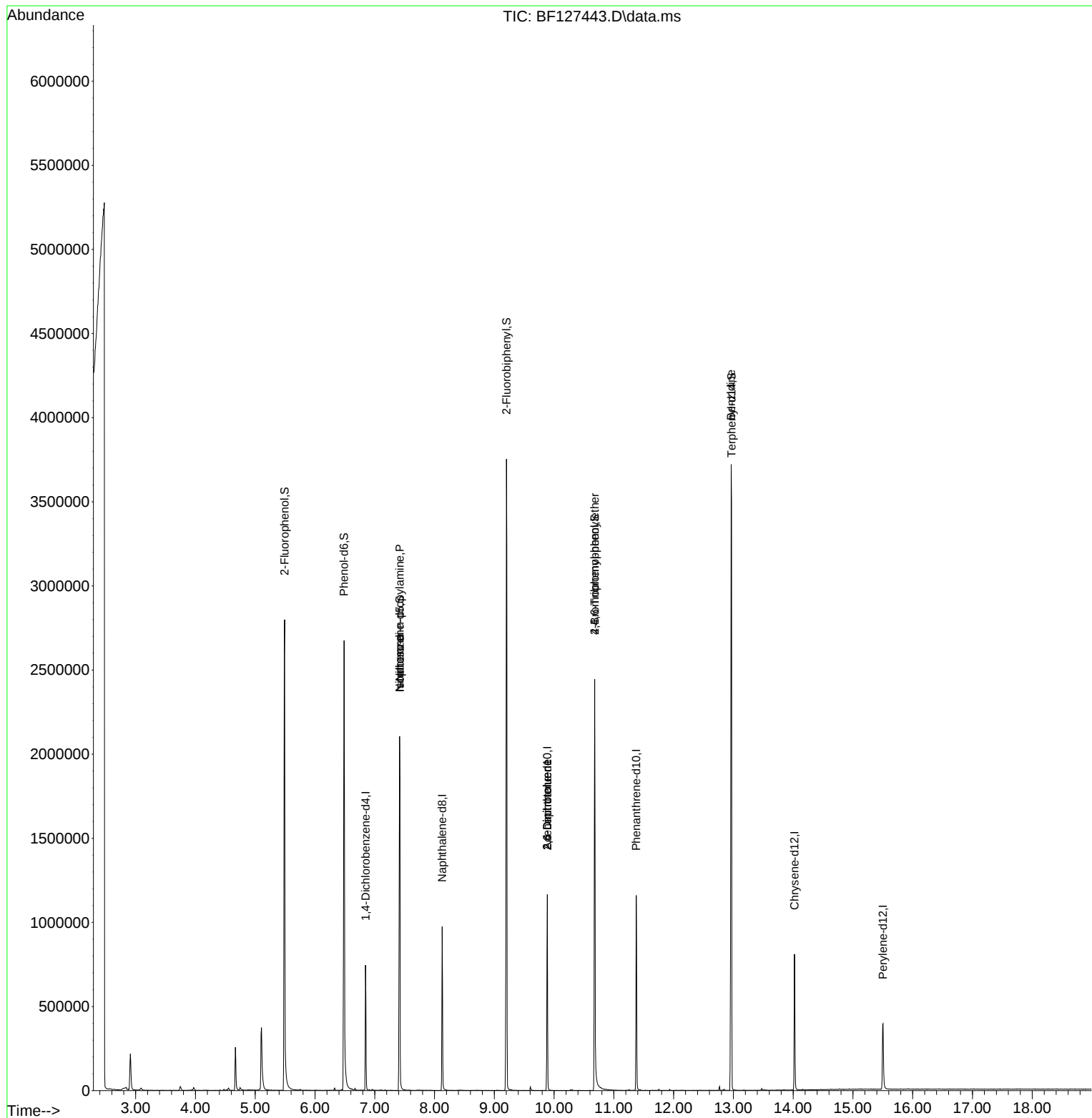
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	100748	20.000	ng	0.00
21) Naphthalene-d8	8.127	136	377741	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	219699	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	406073	20.000	ng	0.00
76) Chrysene-d12	14.021	240	275529	20.000	ng	0.00
86) Perylene-d12	15.503	264	196864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	765884	121.344	ng	0.02
7) Phenol-d6	6.486	99	964473	111.790	ng	0.00
23) Nitrobenzene-d5	7.416	82	766394	86.726	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	313386	133.905	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1271559	84.514	ng	0.00
79) Terphenyl-d14	12.968	244	1480911	87.986	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	1411	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	105108	20.324	ng	# 79
25) Isophorone	7.416	82	766389	54.452	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	28022	8.734	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	28022	6.786	ng	# 14
58) Fluorene	10.680	166	11752	Below Cal	#	93
67) 4-Bromophenyl-phenylether	10.680	248	19926	4.203	ng	# 1
77) Benzidine	12.962	184	18474	2.812	ng	# 95

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

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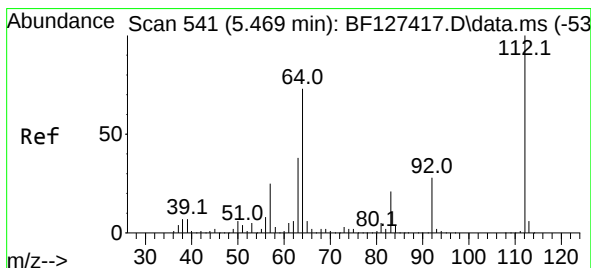
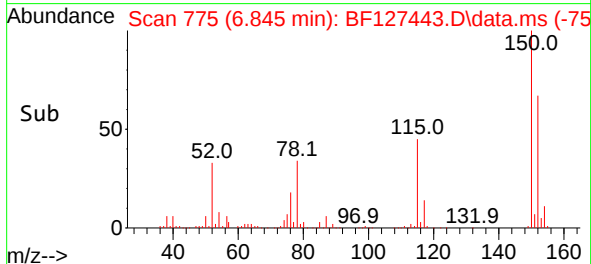
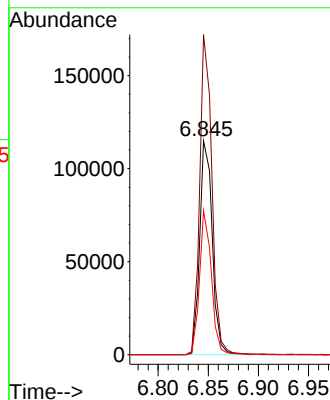
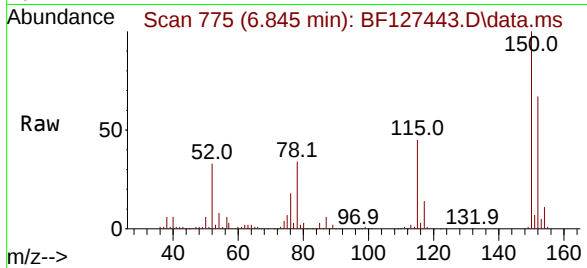




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127443.D
 Acq: 22 Mar 2022 08:59

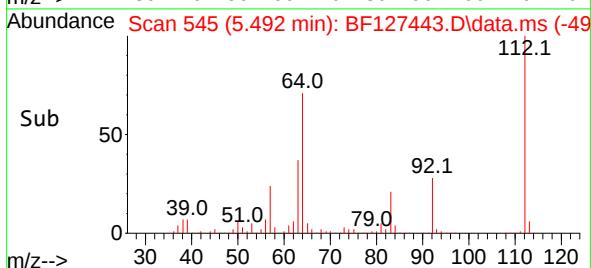
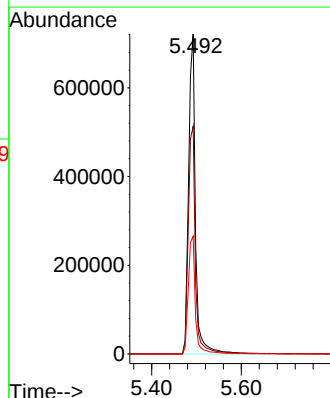
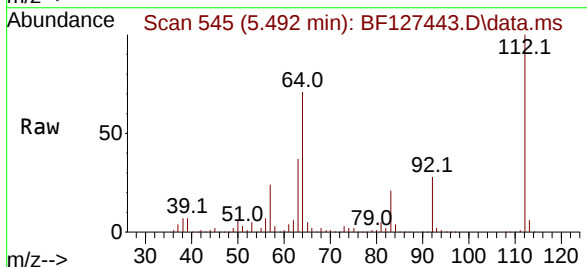
Instrument :
 BNA_F
 ClientSampleId :

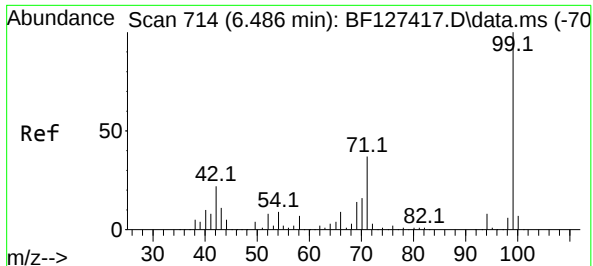
Tgt Ion:152 Resp: 100748
 Ion Ratio Lower Upper
 152 100
 150 149.7 117.2 175.8
 115 67.4 49.8 74.6



#5
 2-Fluorophenol
 Concen: 121.344 ng
 RT: 5.492 min Scan# 545
 Delta R.T. 0.024 min
 Lab File: BF127443.D
 Acq: 22 Mar 2022 08:59

Tgt Ion:112 Resp: 765884
 Ion Ratio Lower Upper
 112 100
 64 71.1 58.4 87.6
 63 36.8 30.1 45.1

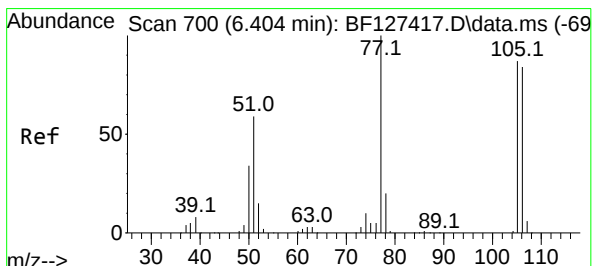
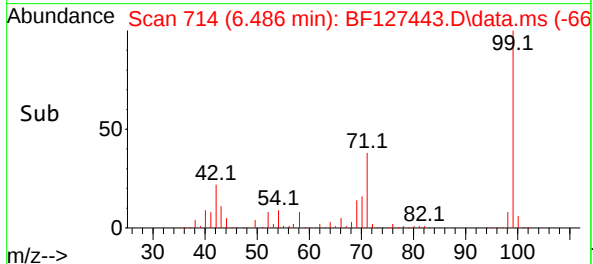
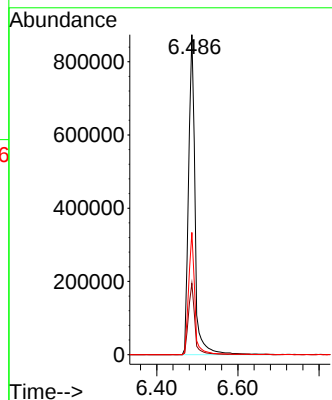
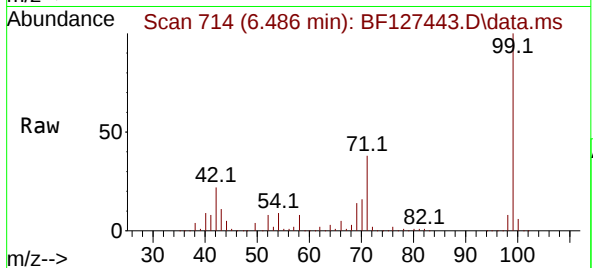




#7
Phenol-d6
Concen: 111.790 ng
RT: 6.486 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

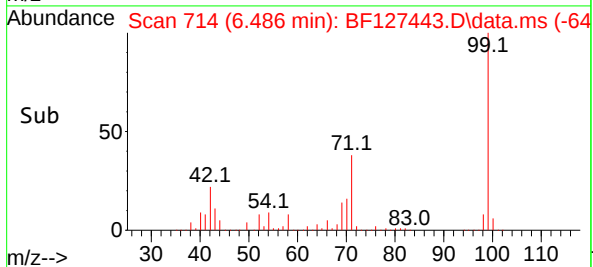
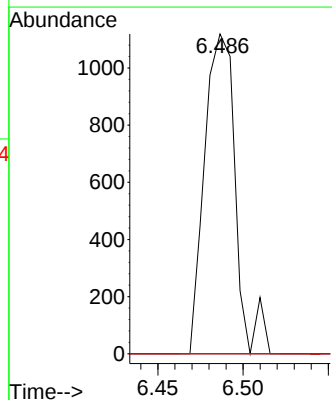
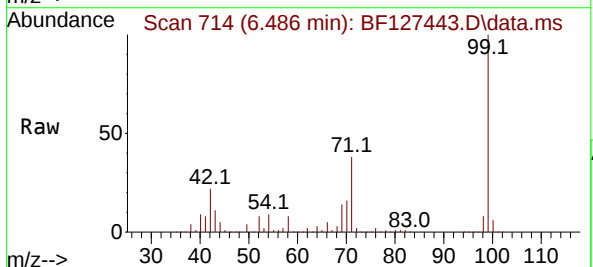
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 964473
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 38.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.486 min Scan# 714
Delta R.T. 0.082 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

Tgt Ion: 77 Resp: 1411
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: 20.324 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

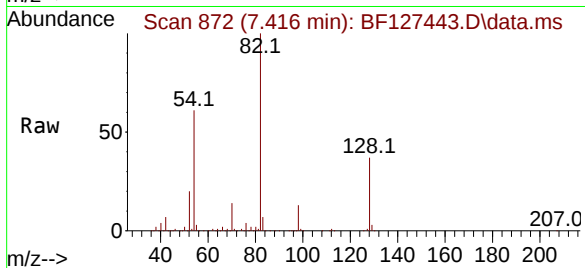
Lab File: BF127443.D

Acq: 22 Mar 2022 08:59

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 105108

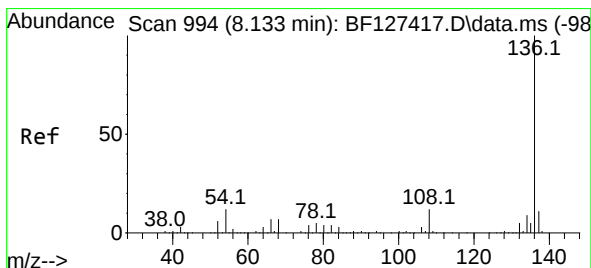
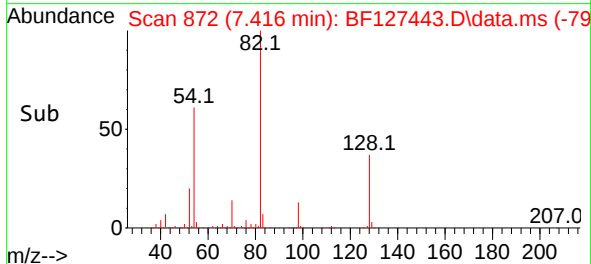
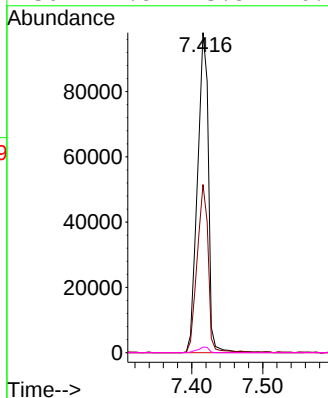
Ion Ratio Lower Upper

70 100

42 52.5 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: 8.127 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127443.D

Acq: 22 Mar 2022 08:59

Tgt Ion: 136 Resp: 377741

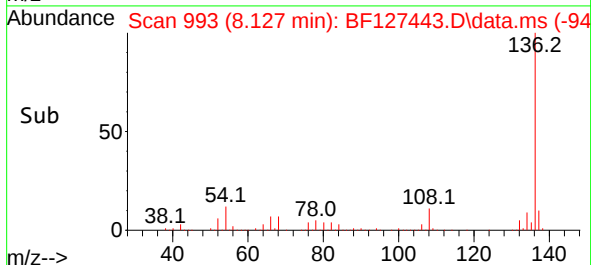
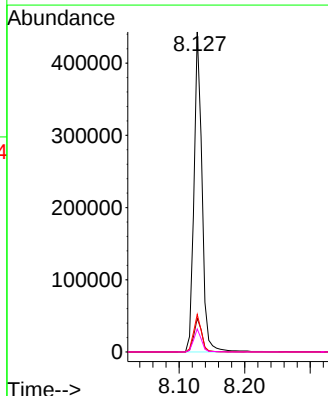
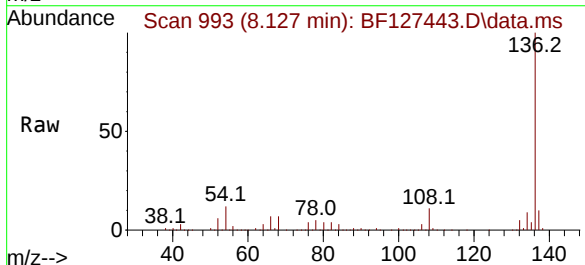
Ion Ratio Lower Upper

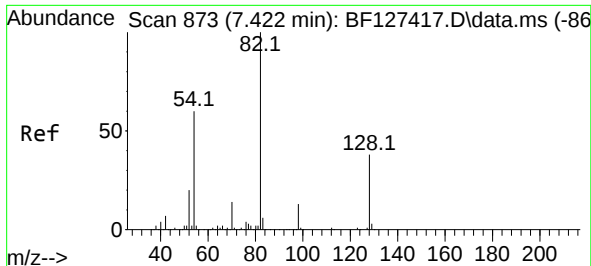
136 100

137 10.5 8.6 13.0

54 11.8 9.2 13.8

68 7.2 5.4 8.0

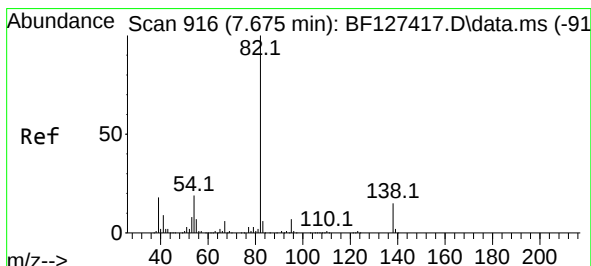
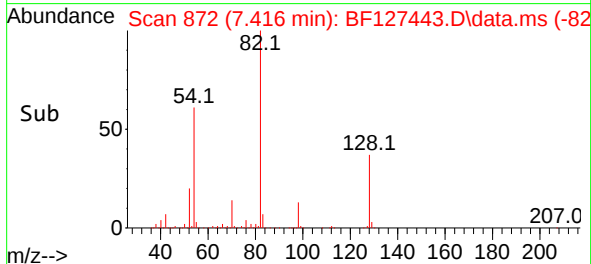
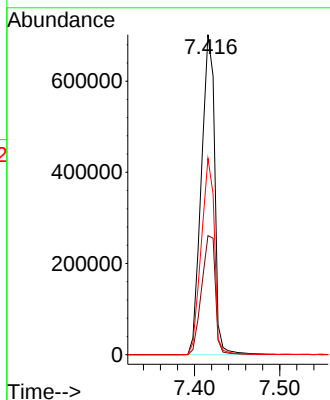
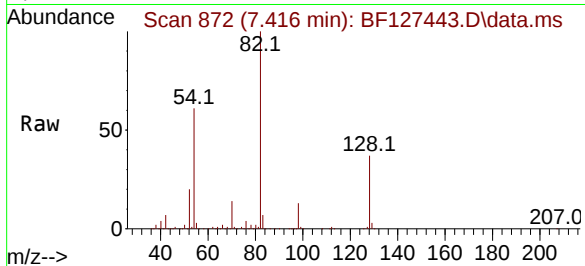




#23
Nitrobenzene-d5
Concen: 86.726 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

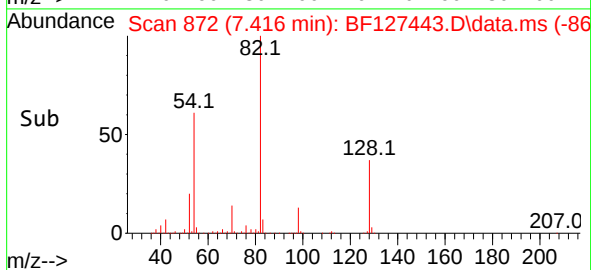
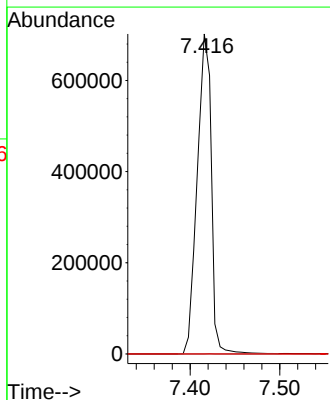
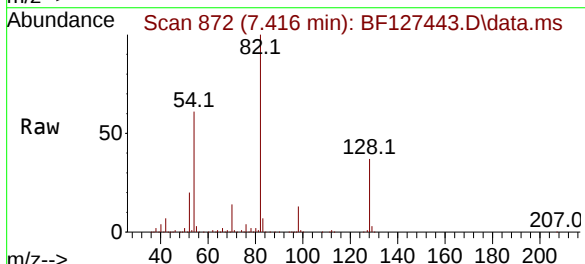
Instrument :
BNA_F
ClientSampleId :

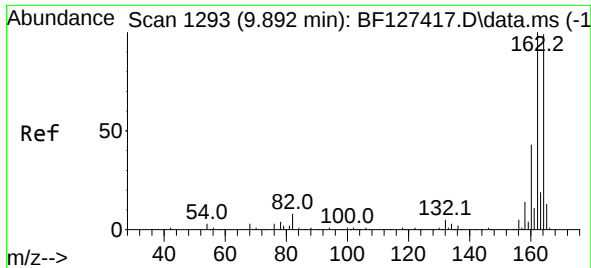
Tgt Ion: 82 Resp: 766394
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 61.3 48.2 72.2



#25
Isophorone
Concen: 54.452 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

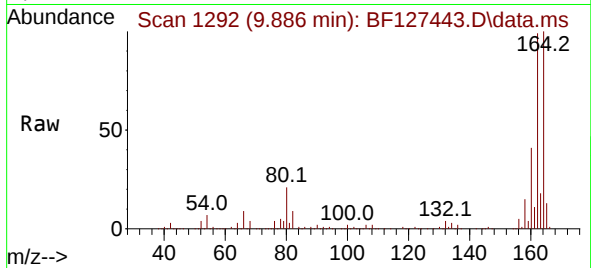
Tgt Ion: 82 Resp: 766389
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



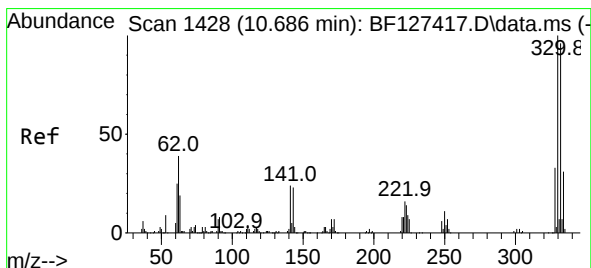
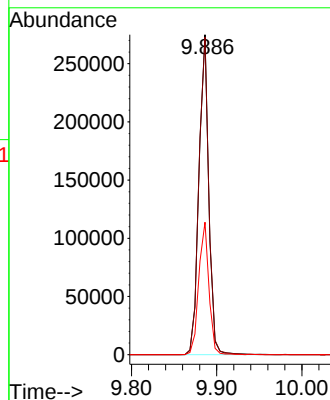
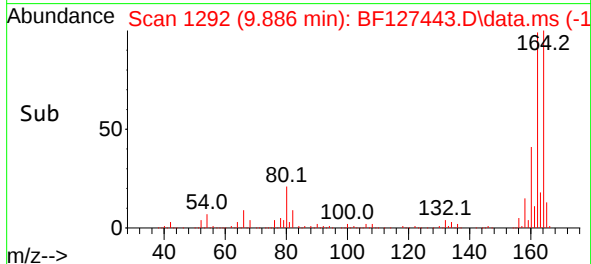


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

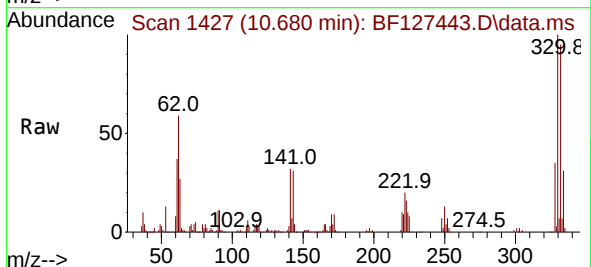
Instrument :
BNA_F
ClientSampleId :



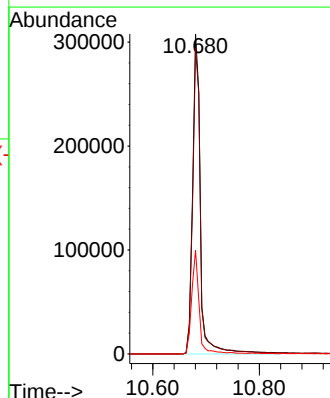
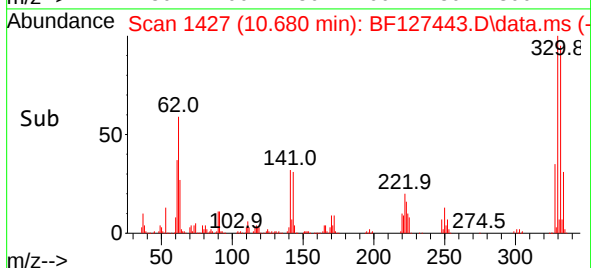
Tgt Ion:164 Resp: 219699
Ion Ratio Lower Upper
164 100
162 99.3 81.2 121.8
160 41.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 133.905 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59



Tgt Ion:330 Resp: 313386
Ion Ratio Lower Upper
330 100
332 97.0 79.1 118.7
141 31.2 26.2 39.4

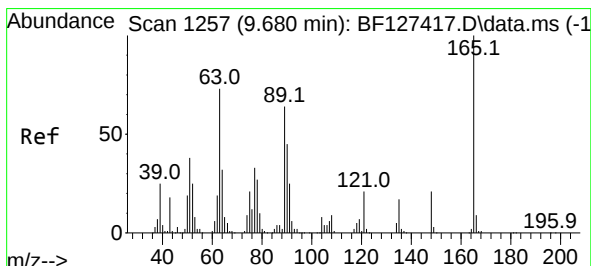
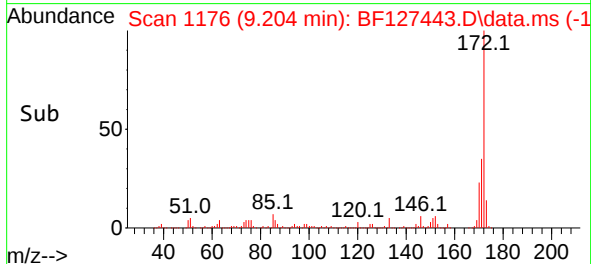
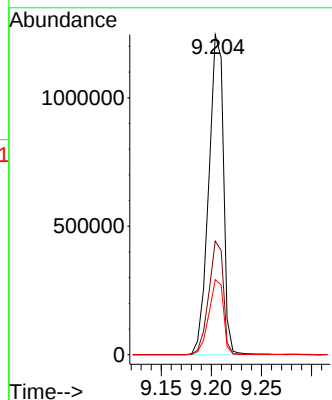
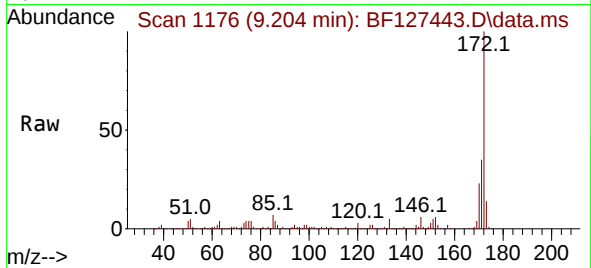




#45
2-Fluorobiphenyl
Concen: 84.514 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

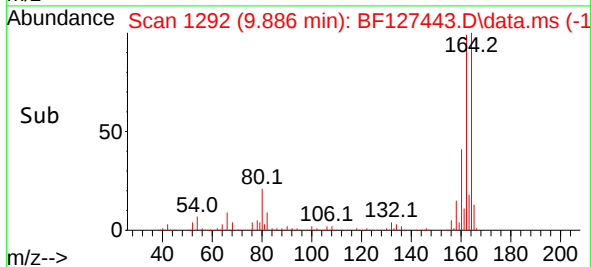
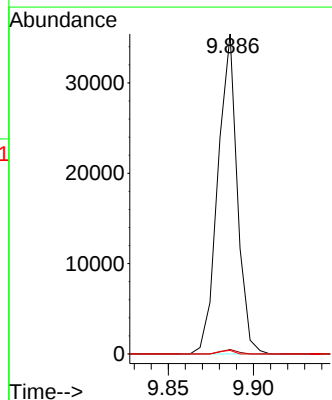
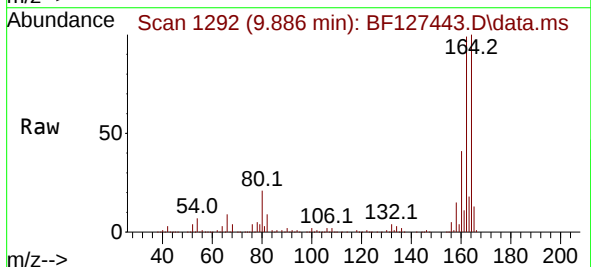
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1271559
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.734 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

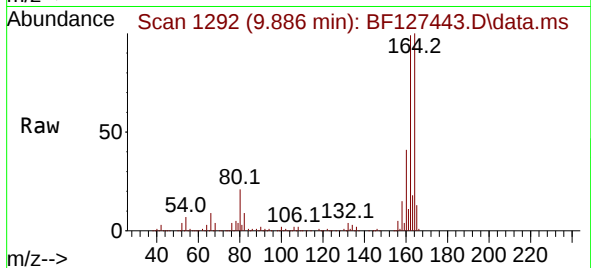
Tgt Ion:165 Resp: 28022
Ion Ratio Lower Upper
165 100
63 1.4 58.3 87.5#
89 1.1 51.5 77.3#



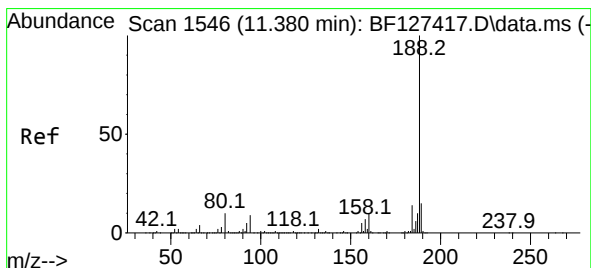
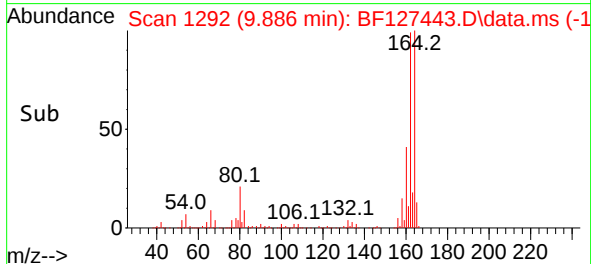
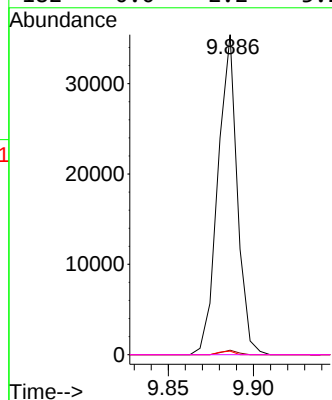


#57
2,4-Dinitrotoluene
Concen: 6.786 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

Instrument :
BNA_F
ClientSampleId :

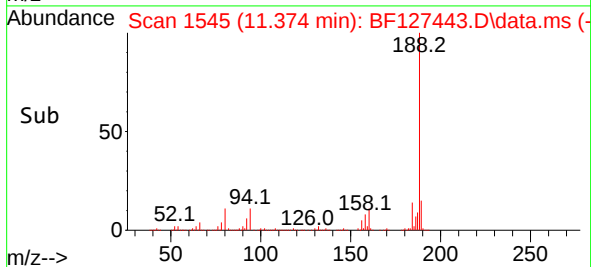
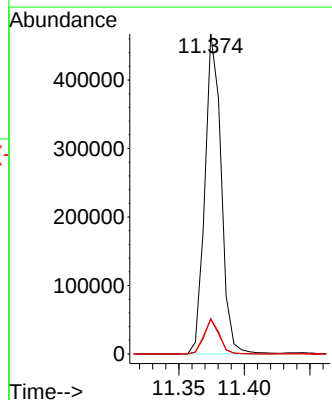
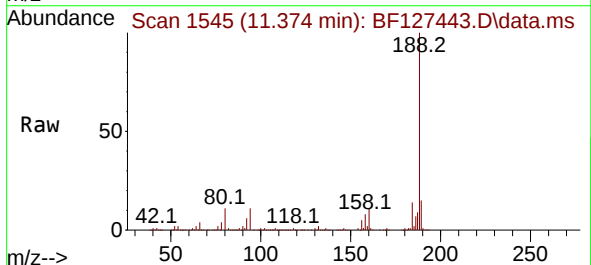


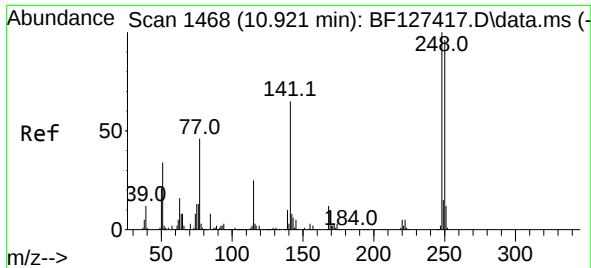
Tgt Ion:165 Resp: 28022
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

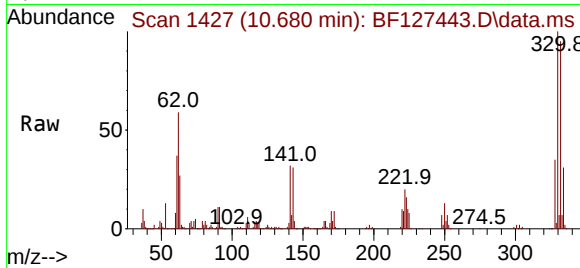
Tgt Ion:188 Resp: 406073
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.0
80 11.0 8.0 12.0



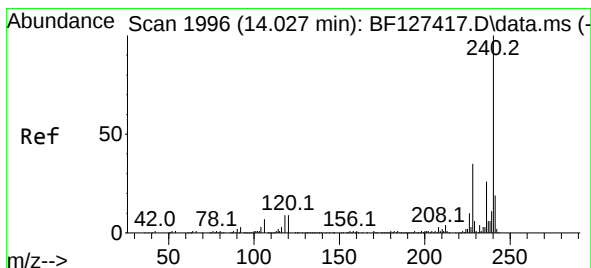
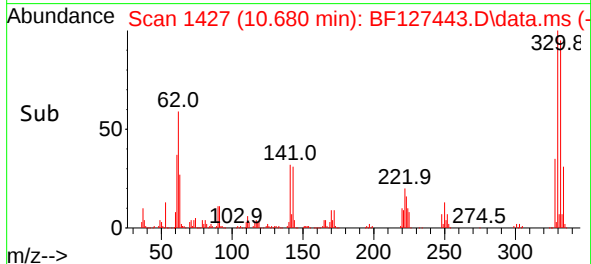
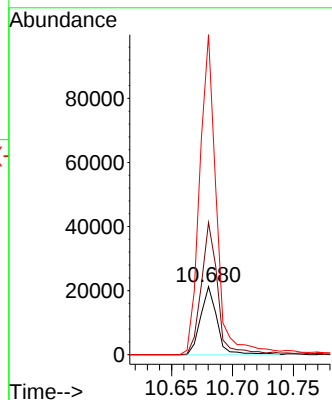


#67
4-Bromophenyl-phenylether
Concen: 4.203 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

Instrument :
BNA_F
ClientSampleId :

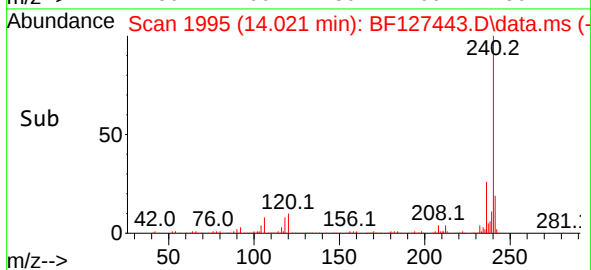
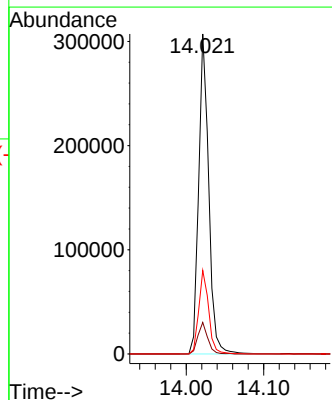
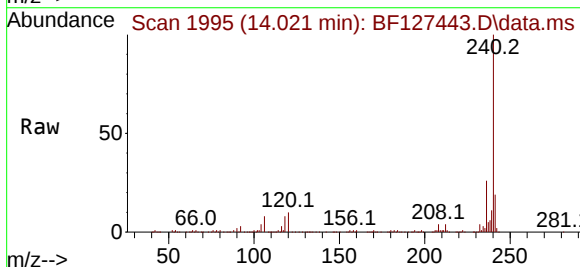


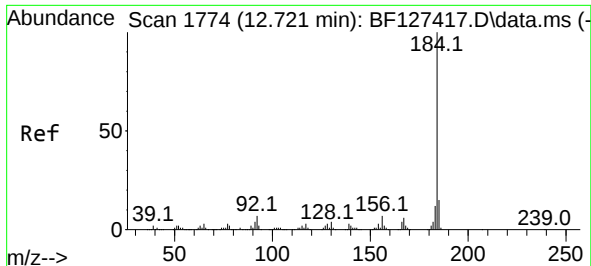
Tgt Ion:248 Resp: 19926
Ion Ratio Lower Upper
248 100
250 194.6 76.6 115.0#
141 470.9 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

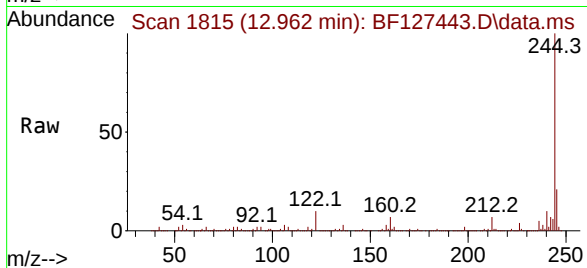
Tgt Ion:240 Resp: 275529
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 26.1 20.7 31.1



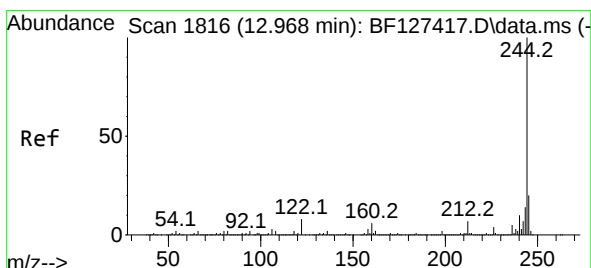
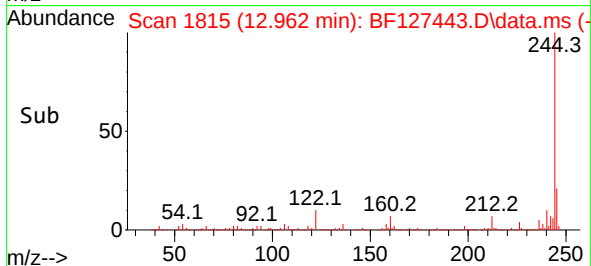
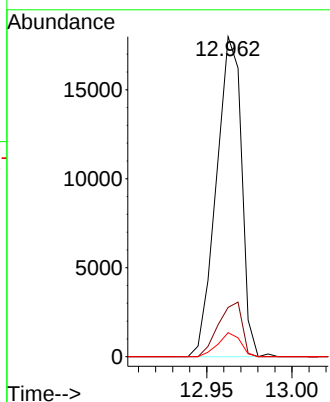


#77
Benzidine
Concen: 2.812 ng
RT: 12.962 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

Instrument :
BNA_F
ClientSampleId :

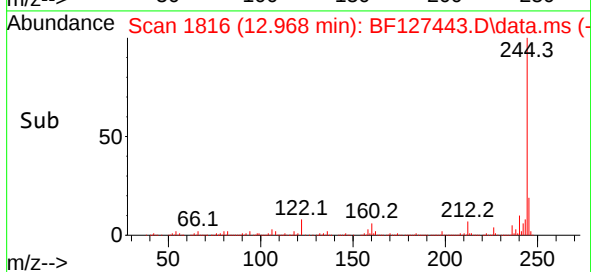
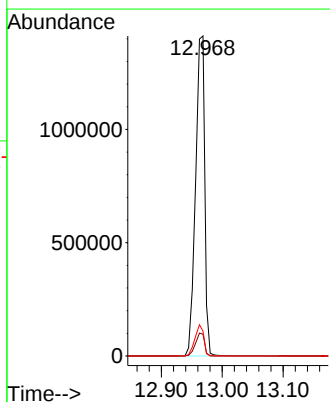
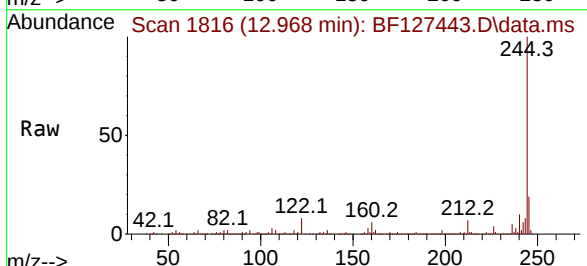


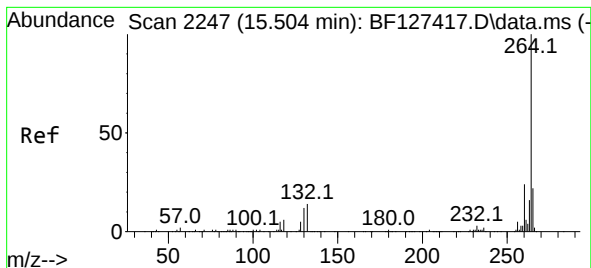
Tgt Ion:184 Resp: 18474
Ion Ratio Lower Upper
184 100
185 15.4 12.2 18.2
183 7.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 87.986 ng
RT: 12.968 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF127443.D
Acq: 22 Mar 2022 08:59

Tgt Ion:244 Resp: 1480911
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 7.7 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.503 min Scan# 21

Delta R.T. -0.000 min

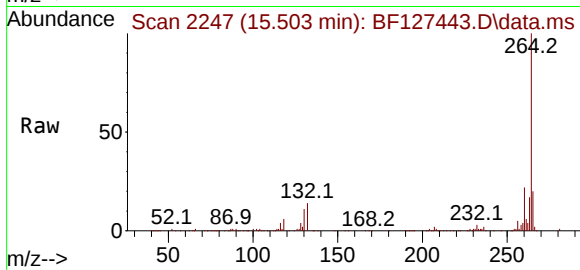
Lab File: BF127443.D

Acq: 22 Mar 2022 08:59

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 196864

Ion Ratio Lower Upper

264 100

260 22.3 19.1 28.7

265 20.1 17.4 26.2

