

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127535.D
 Acq On : 25 Mar 2022 19:44
 Operator : CG\JU
 Sample : N2091-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MHB

Quant Time: Mar 26 02:21:47 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)

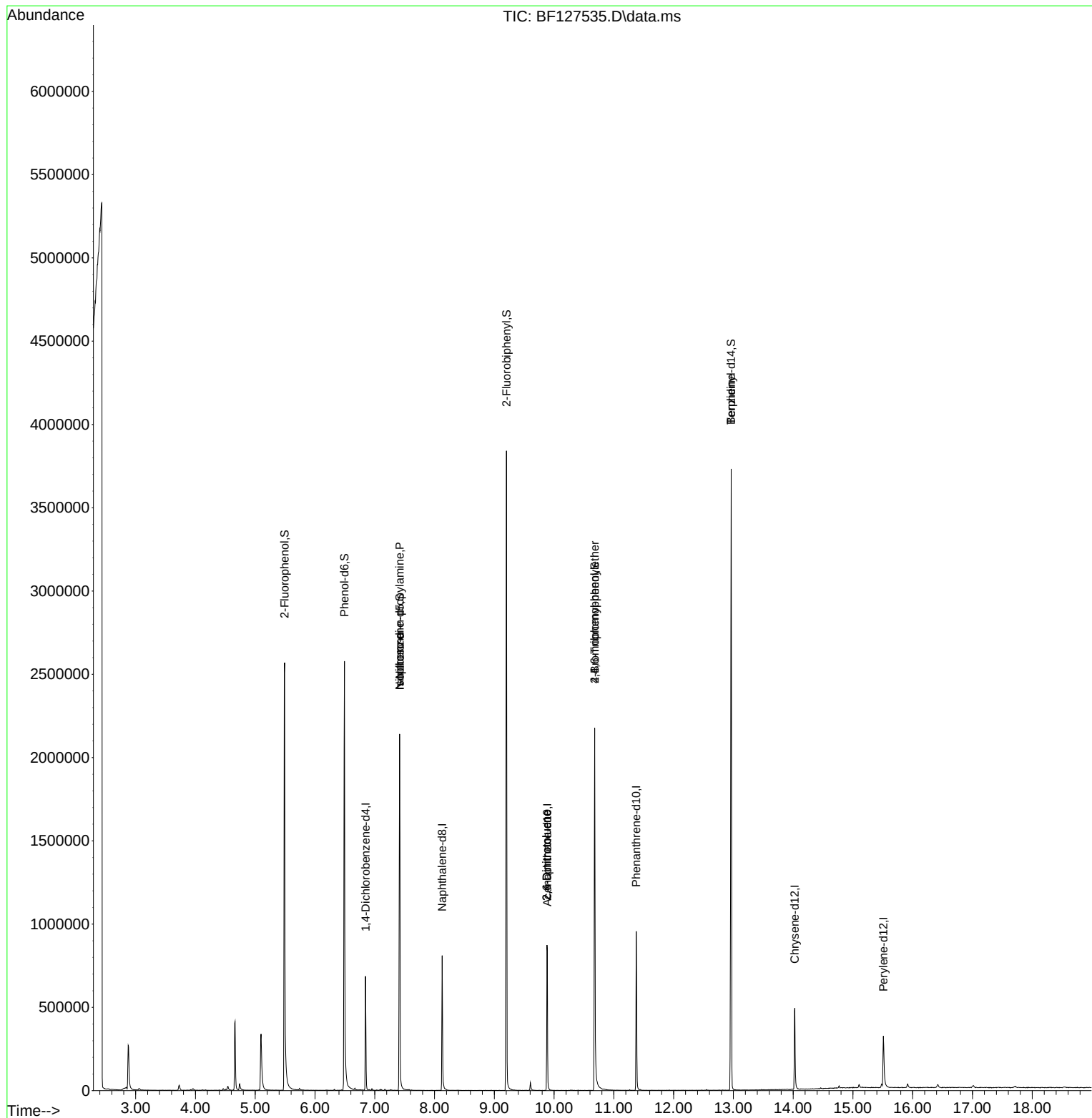
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	88966	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	327201	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	189185	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	342111	20.000	ng	0.00
76) Chrysene-d12	14.027	240	201278	20.000	ng	0.00
86) Perylene-d12	15.510	264	168903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	731047	131.164	ng	0.02
7) Phenol-d6	6.492	99	906327	118.962	ng	0.00
23) Nitrobenzene-d5	7.416	82	718057	93.807	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	274865	136.389	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1204799	92.993	ng	0.00
79) Terphenyl-d14	12.963	244	1314999	106.951	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1331	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	99381	21.762	ng	# 80
25) Isophorone	7.416	82	718057	58.898	ng	# 70
51) 2,6-Dinitrotoluene	9.881	165	24026	8.697	ng	# 17
57) 2,4-Dinitrotoluene	9.881	165	24026	6.756	ng	# 14
58) Fluorene	10.680	166	10357	Below Cal	#	92
67) 4-Bromophenyl-phenylether	10.680	248	17860	4.471	ng	# 1
77) Benzidine	12.963	184	16652	3.470	ng	# 92

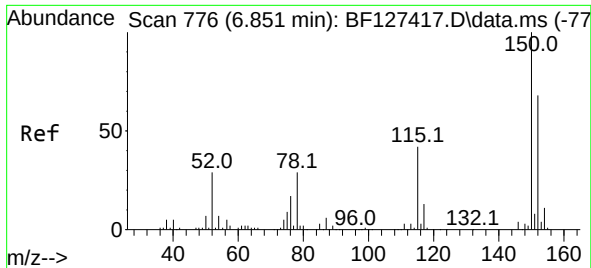
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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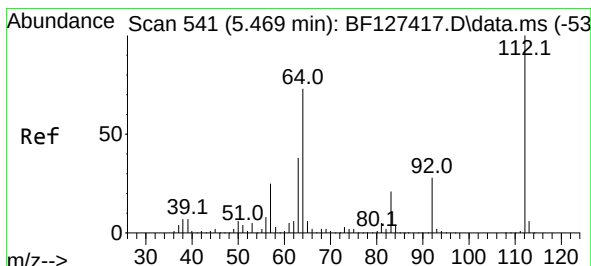
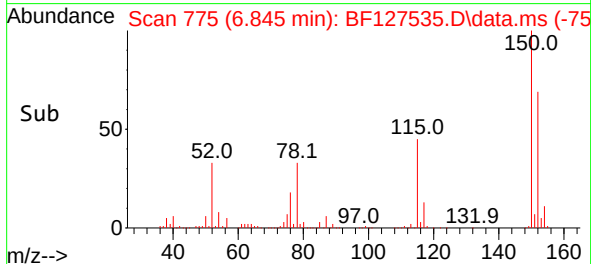
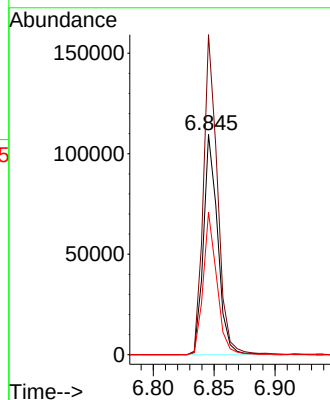
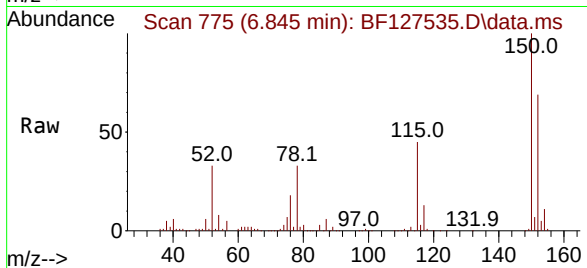




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

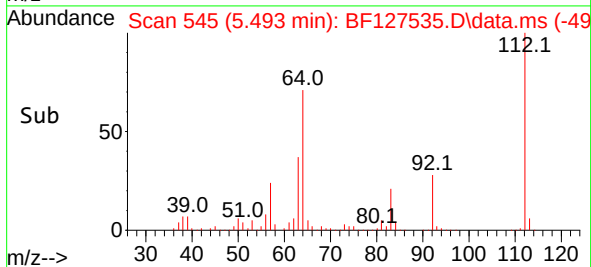
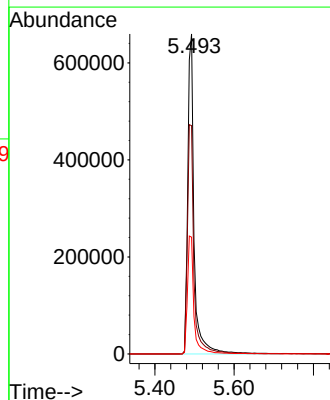
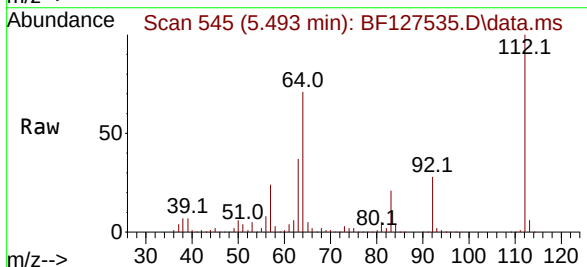
Instrument :
BNA_F
ClientSampleId :
MHB

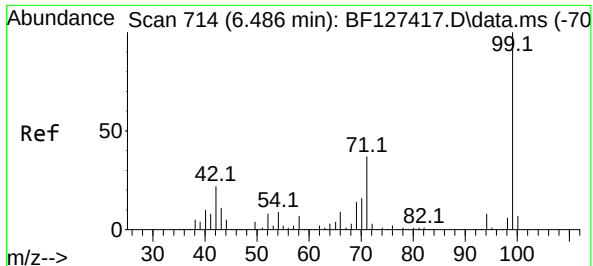
Tgt Ion:152 Resp: 88966
Ion Ratio Lower Upper
152 100
150 145.3 117.2 175.8
115 64.7 49.8 74.6



#5
2-Fluorophenol
Concen: 131.164 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

Tgt Ion:112 Resp: 731047
Ion Ratio Lower Upper
112 100
64 71.4 58.4 87.6
63 36.5 30.1 45.1

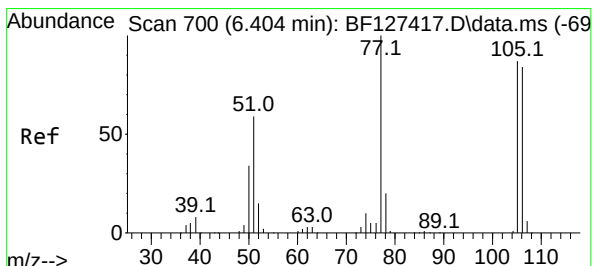
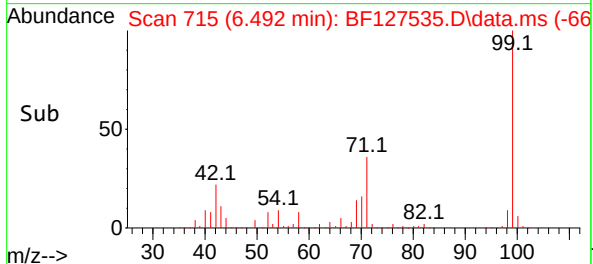
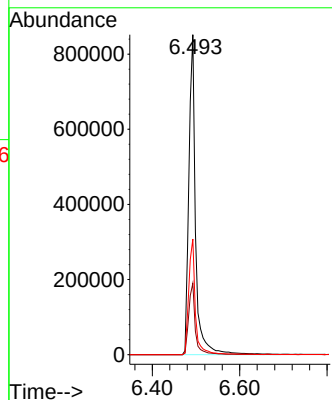
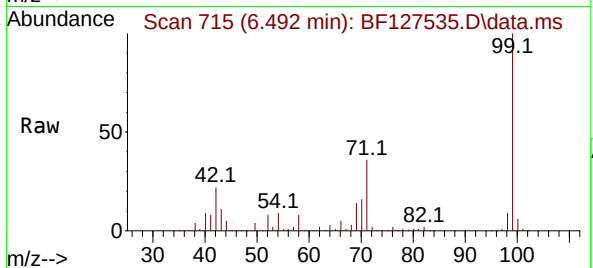




#7
Phenol-d6
Concen: 118.962 ng
RT: 6.492 min Scan# 715
Delta R.T. 0.006 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

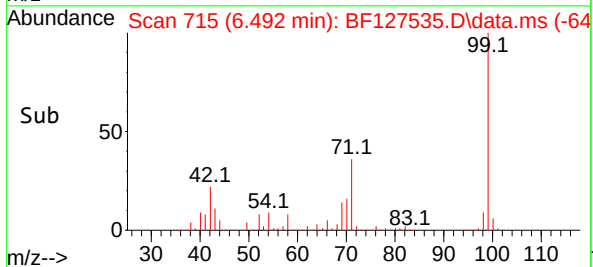
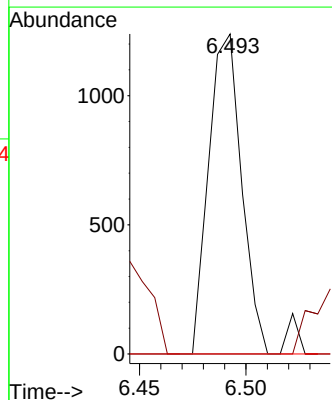
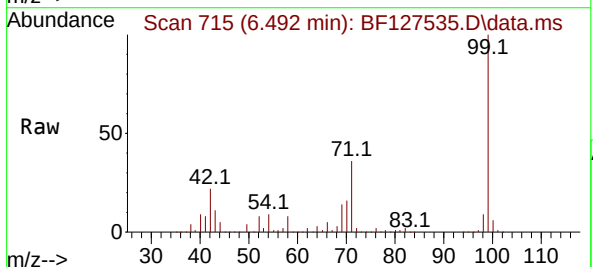
Instrument :
BNA_F
ClientSampleId :
MHB

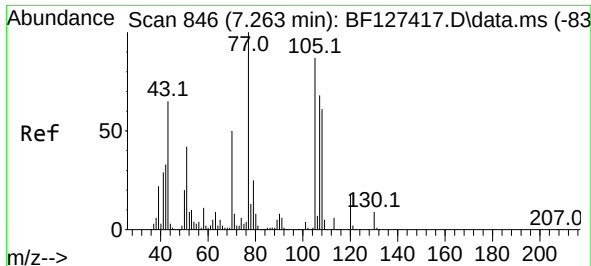
Tgt Ion: 99 Resp: 906327
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 36.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.492 min Scan# 715
Delta R.T. 0.088 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

Tgt Ion: 77 Resp: 1331
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: 21.762 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127535.D

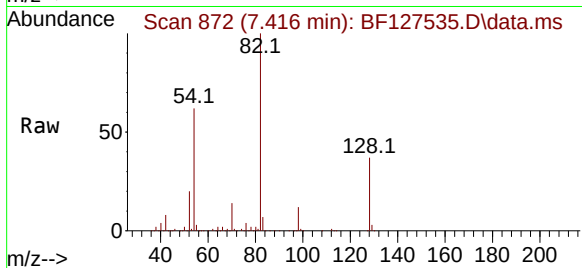
Acq: 25 Mar 2022 19:44

Instrument :

BNA_F

ClientSampleId :

MHB



Tgt Ion: 70 Resp: 99381

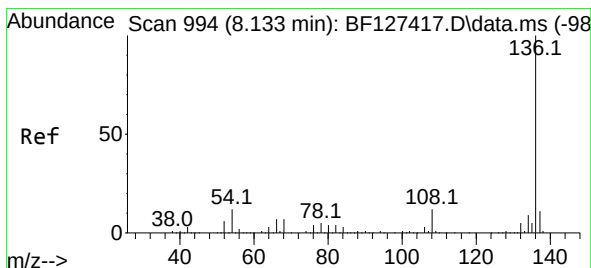
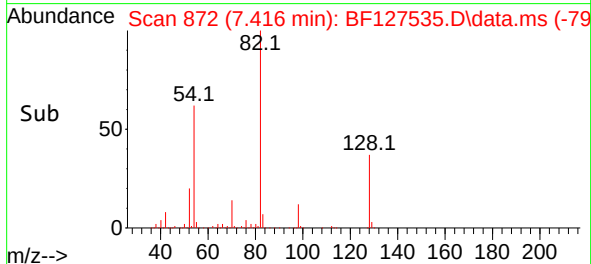
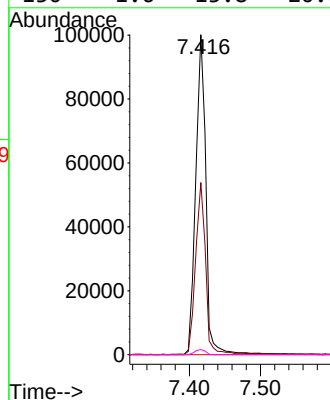
Ion Ratio Lower Upper

70 100

42 53.8 53.0 79.6

101 0.0 6.8 10.2#

130 1.6 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127535.D

Acq: 25 Mar 2022 19:44

Tgt Ion: 136 Resp: 327201

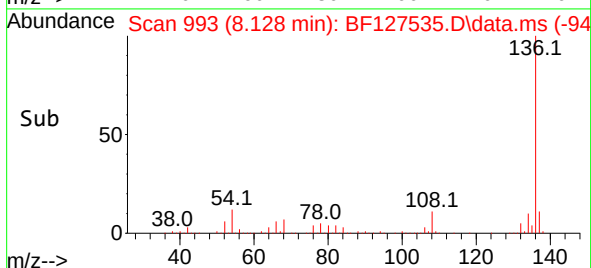
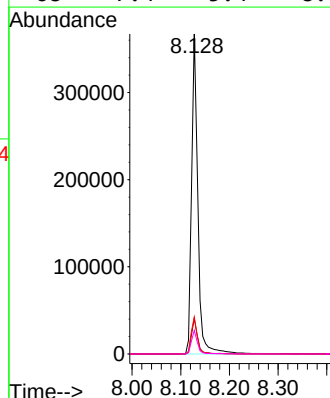
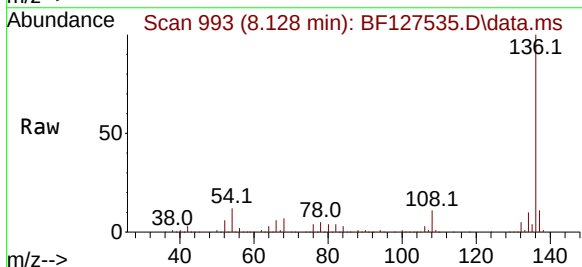
Ion Ratio Lower Upper

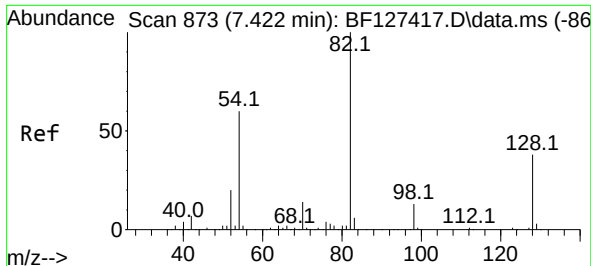
136 100

137 11.0 8.6 13.0

54 11.5 9.2 13.8

68 7.4 5.4 8.0

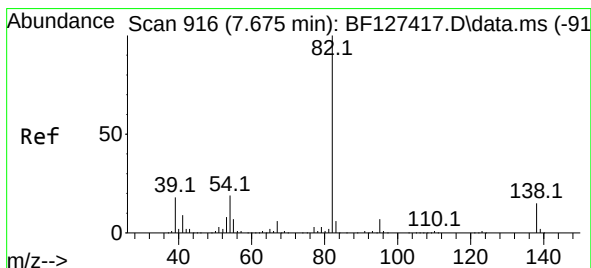
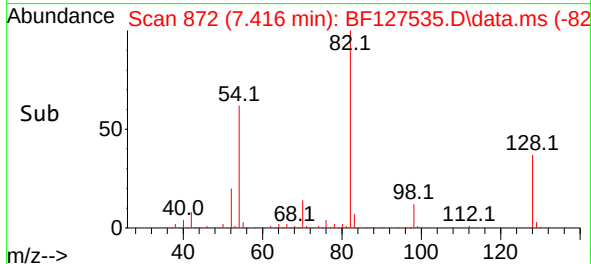
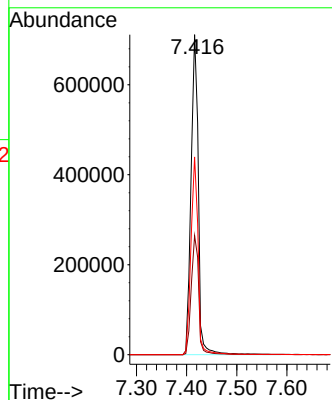
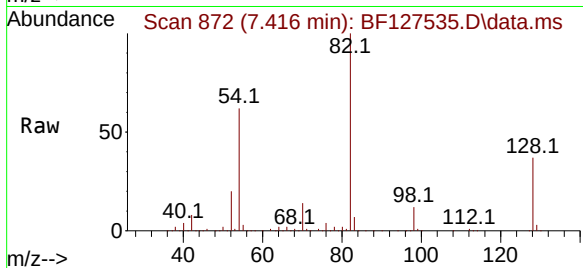




#23
Nitrobenzene-d5
Concen: 93.807 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

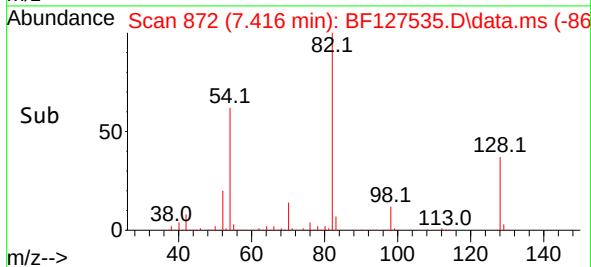
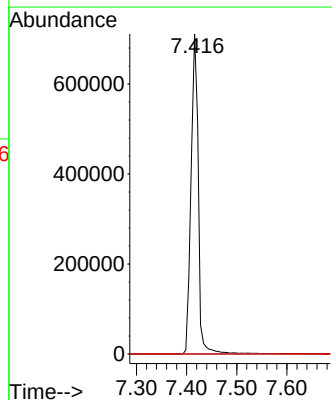
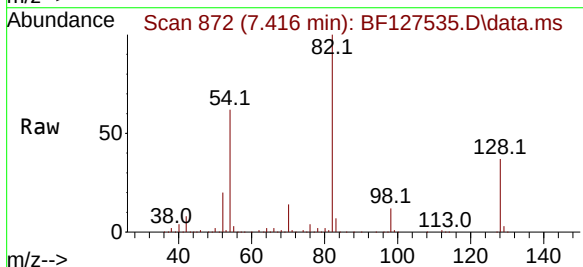
Instrument :
BNA_F
ClientSampleId :
MHB

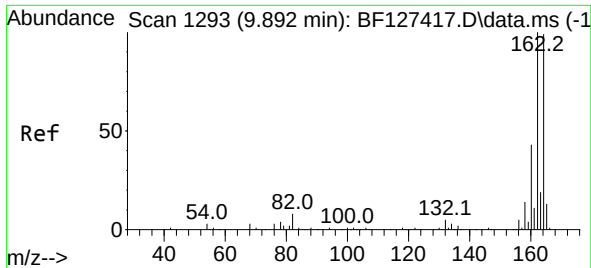
Tgt Ion: 82 Resp: 718057
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 61.8 48.2 72.2



#25
Isophorone
Concen: 58.898 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

Tgt Ion: 82 Resp: 718057
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

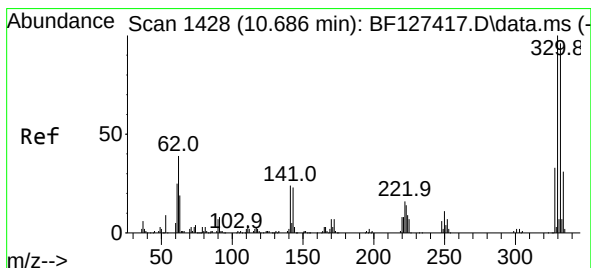
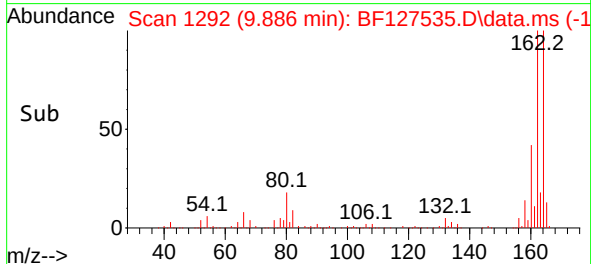
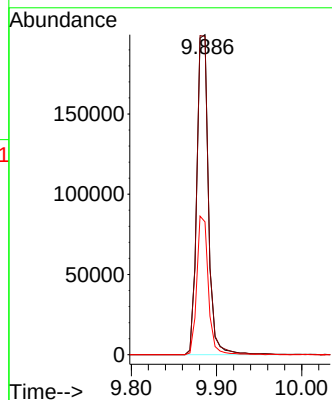
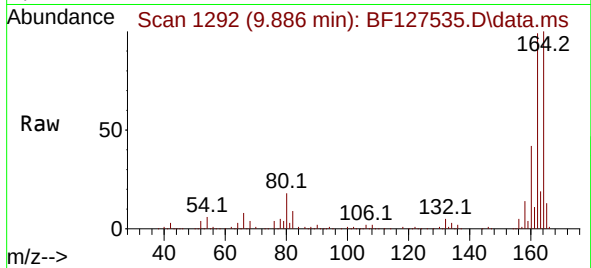




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

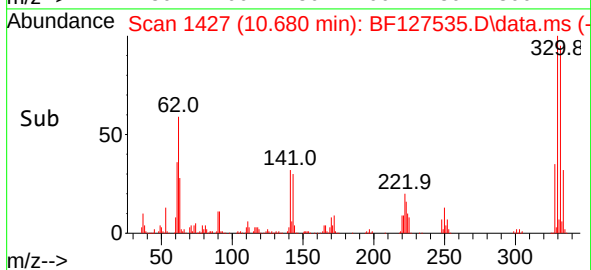
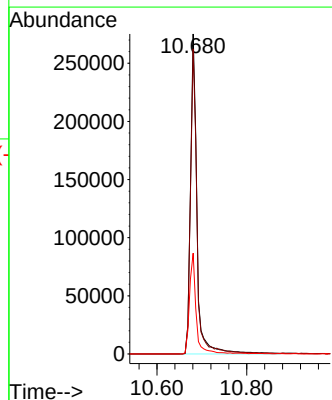
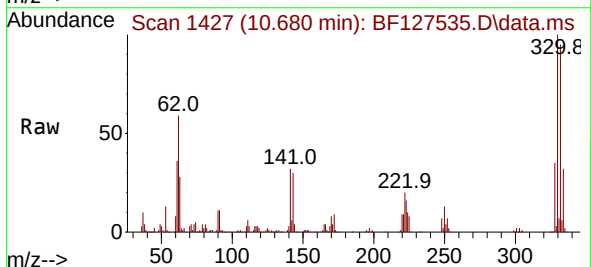
Instrument :
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ClientSampleId :
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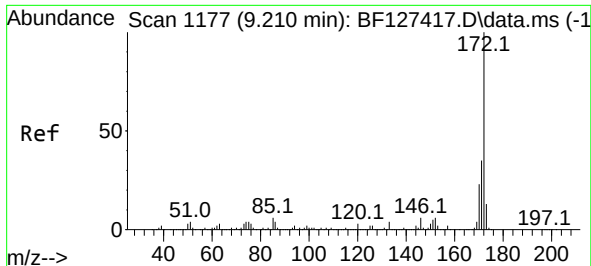
Tgt Ion:164 Resp: 189185
Ion Ratio Lower Upper
164 100
162 99.5 81.2 121.8
160 41.5 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 136.389 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

Tgt Ion:330 Resp: 274865
Ion Ratio Lower Upper
330 100
332 95.7 79.1 118.7
141 32.2 26.2 39.4

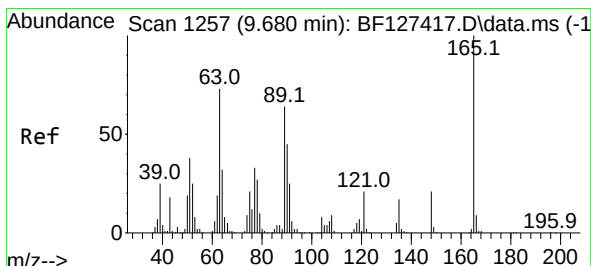
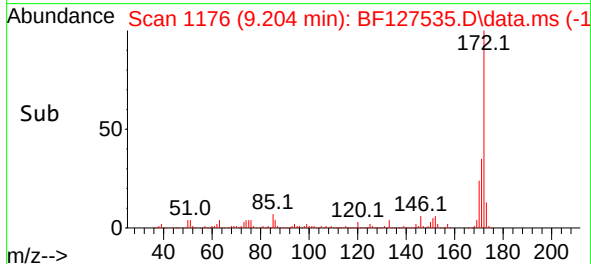
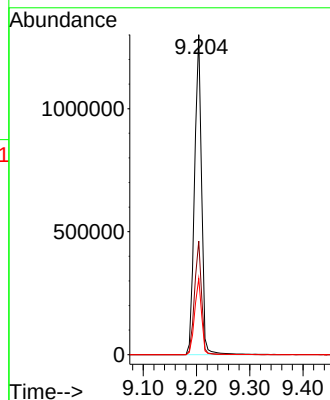
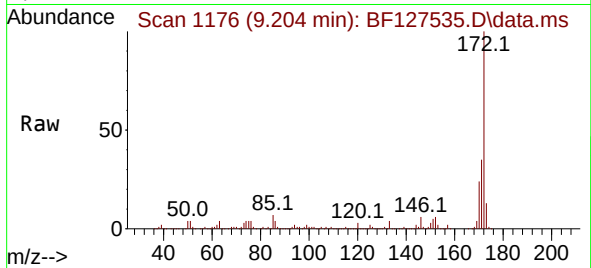




#45
2-Fluorobiphenyl
Concen: 92.993 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

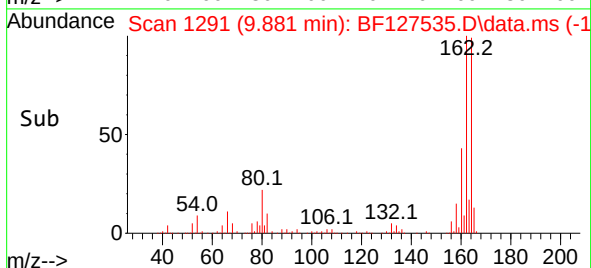
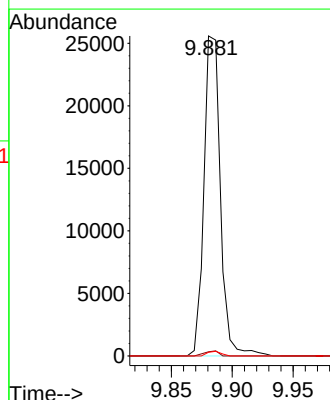
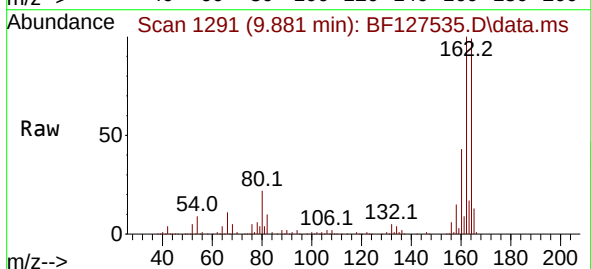
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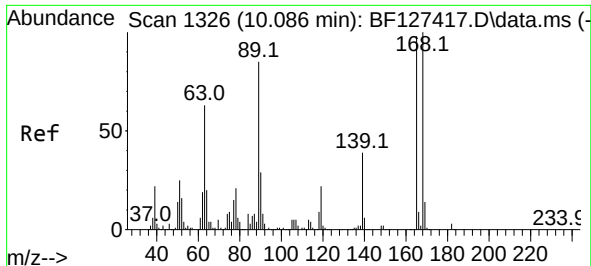
Tgt Ion:172 Resp: 1204799
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.697 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

Tgt Ion:165 Resp: 24026
Ion Ratio Lower Upper
165 100
63 1.3 58.3 87.5#
89 1.2 51.5 77.3#

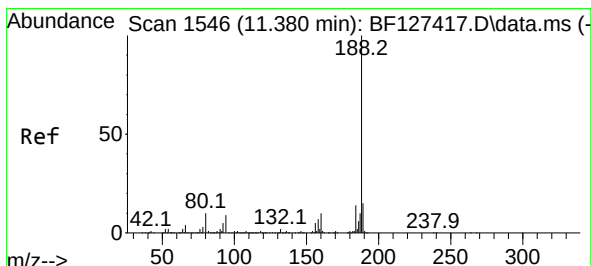
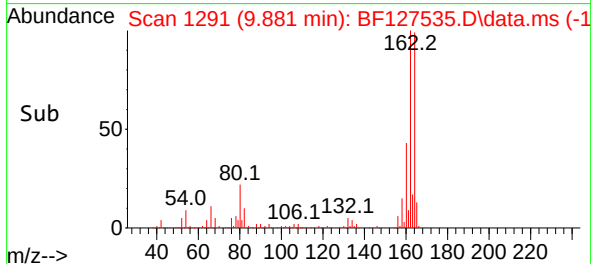
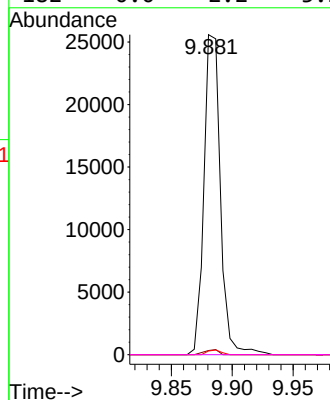
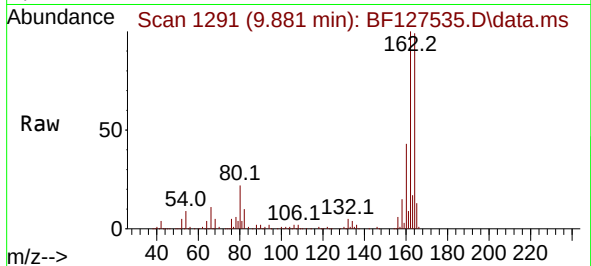




#57
2,4-Dinitrotoluene
Concen: 6.756 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.205 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

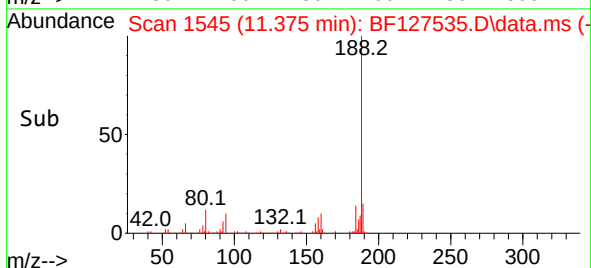
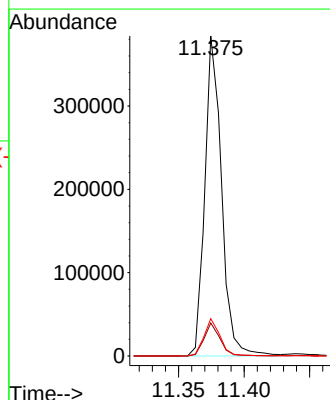
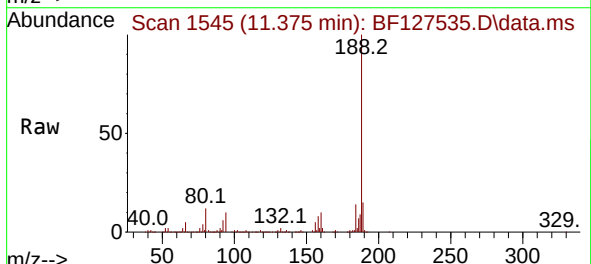
Instrument :
BNA_F
ClientSampleId :
MHB

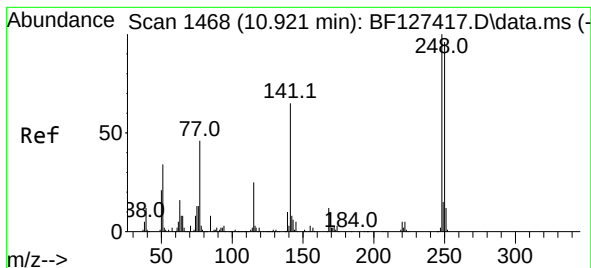
Tgt Ion:165 Resp: 24026
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

Tgt Ion:188 Resp: 342111
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.6 8.0 12.0

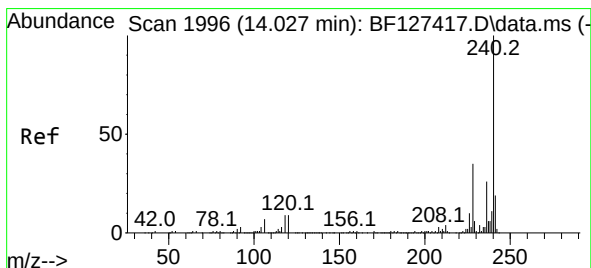
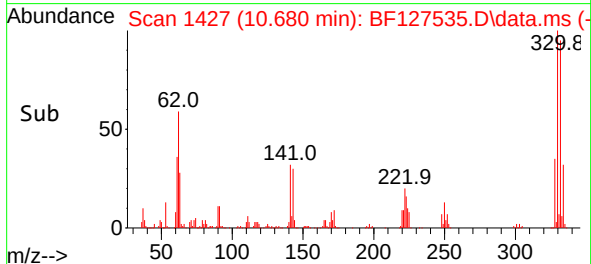
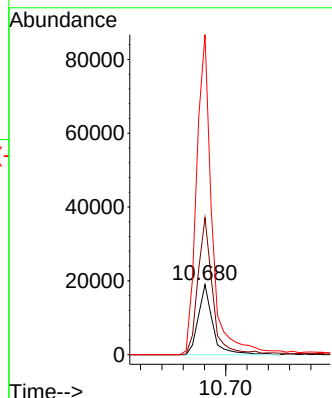
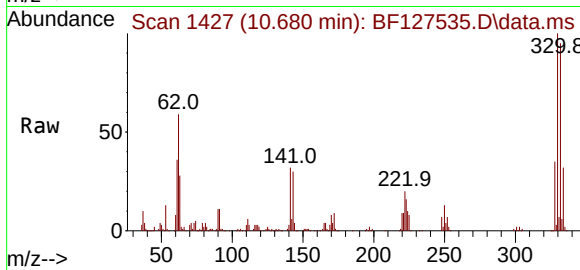




#67
4-Bromophenyl-phenylether
Concen: 4.471 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

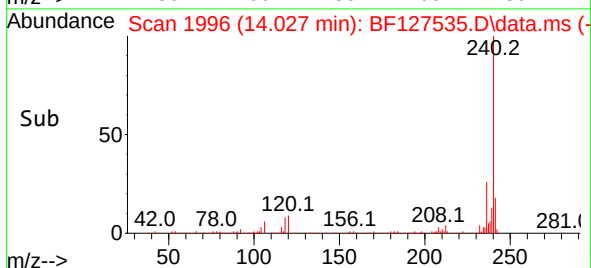
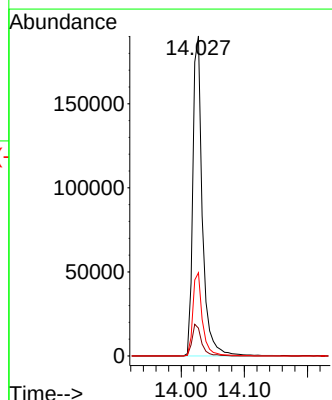
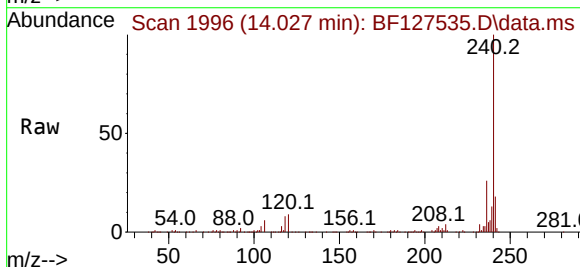
Instrument :
BNA_F
ClientSampleId :
MHB

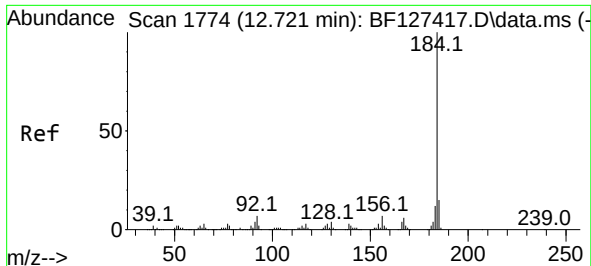
Tgt Ion:248 Resp: 17860
Ion Ratio Lower Upper
248 100
250 195.5 76.6 115.0#
141 456.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

Tgt Ion:240 Resp: 201278
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.0 20.7 31.1

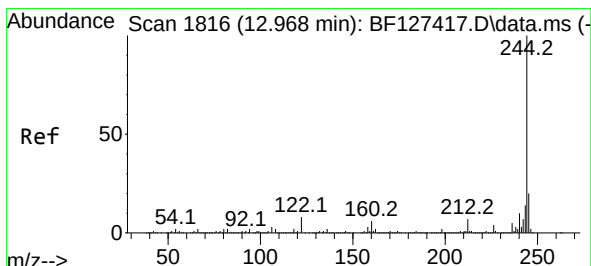
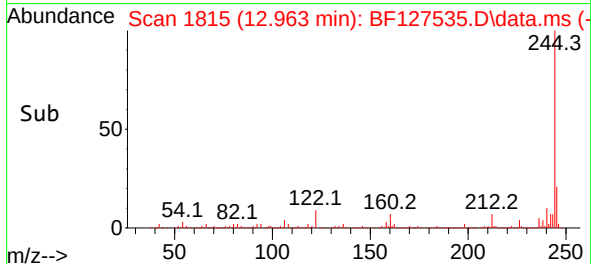
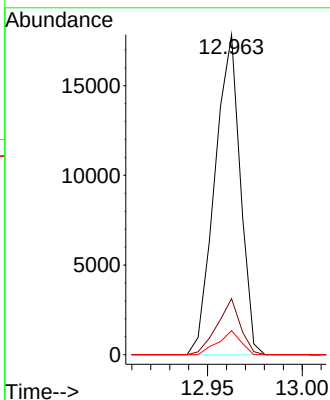
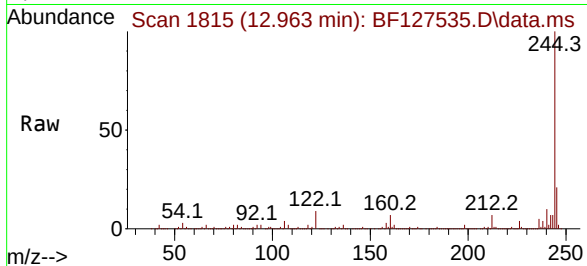




#77
Benzidine
Concen: 3.470 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

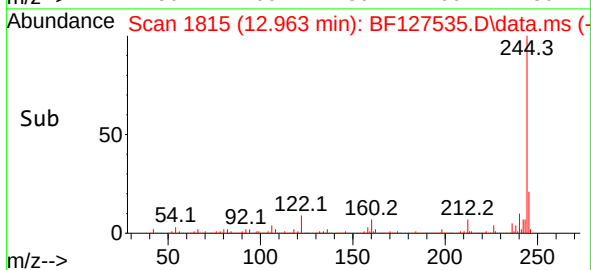
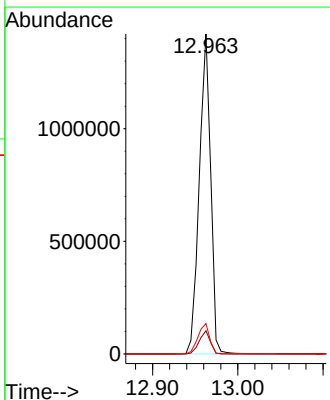
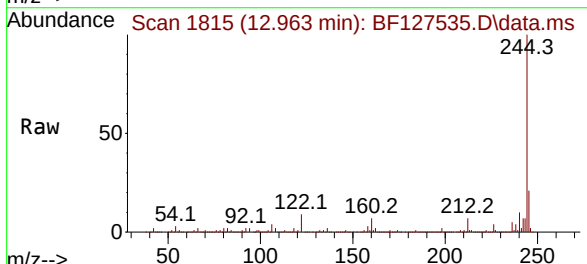
Instrument :
BNA_F
ClientSampleId :
MHB

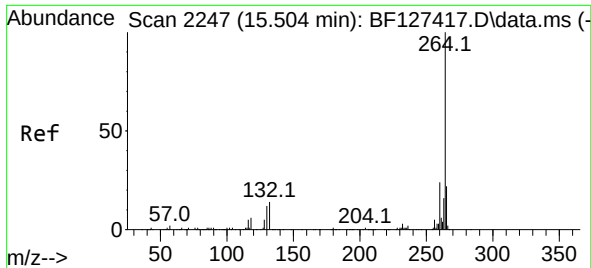
Tgt Ion:184 Resp: 16652
Ion Ratio Lower Upper
184 100
185 17.5 12.2 18.2
183 7.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 106.951 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

Tgt Ion:244 Resp: 1314999
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.5 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127535.D
Acq: 25 Mar 2022 19:44

Instrument :
BNA_F
ClientSampleId :
MHB

Tgt Ion:264 Resp: 168903
Ion Ratio Lower Upper
264 100
260 22.4 19.1 28.7
265 20.7 17.4 26.2

