

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127360.D
 Acq On : 16 Mar 2022 21:26
 Operator : CG\JU
 Sample : N1951-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLIND-DUPLICATE

Quant Time: Mar 17 02:36:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

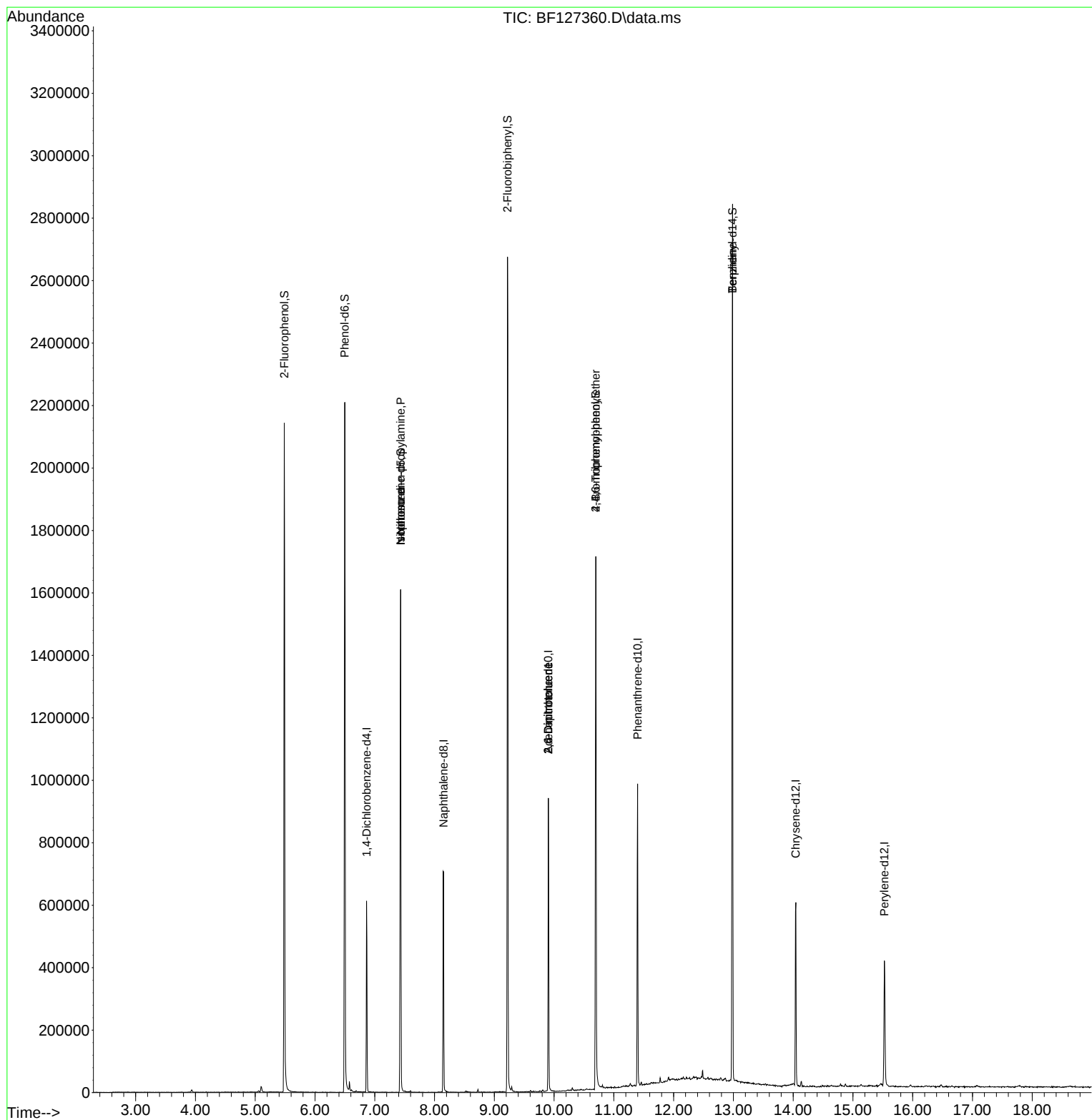
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	81564	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	302736	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	177884	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	321139	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	219203	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	189639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	520276	102.542	ng	0.00
7) Phenol-d6	6.498	99	721135	103.318	ng	0.00
23) Nitrobenzene-d5	7.433	82	481660	65.706	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	192802	100.685	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	853353	67.823	ng	-0.01
79) Terphenyl-d14	12.986	244	958317	75.281	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	1090	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.433	70	64018	14.698	ng	# 85
25) Isophorone	7.433	82	481722	40.868	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	22608	8.768	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	22608	6.664	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	12967	3.350	ng	# 1
77) Benizidine	12.986	184	12468	2.237	ng	# 94

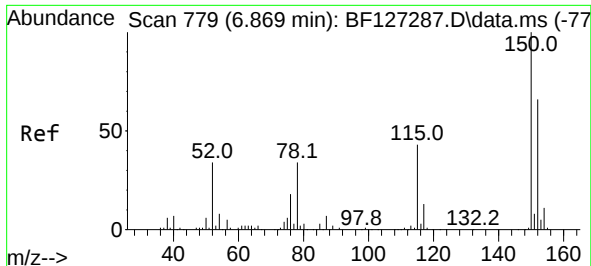
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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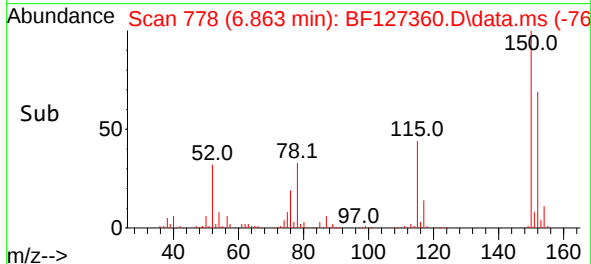
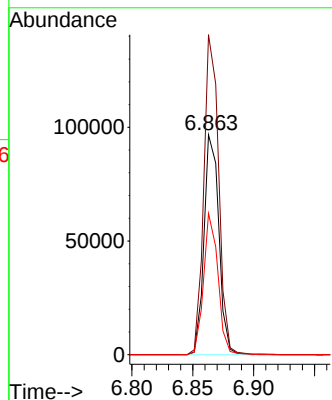
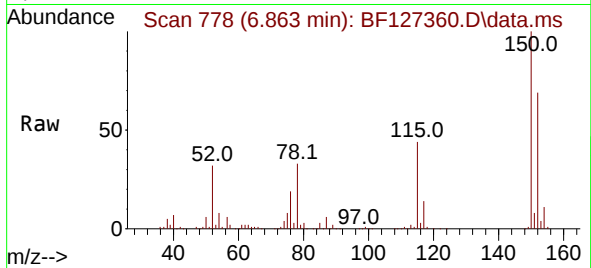




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127360.D
 Acq: 16 Mar 2022 21:26

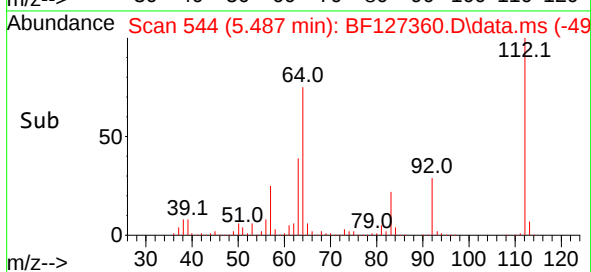
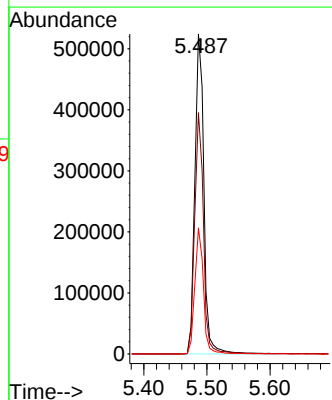
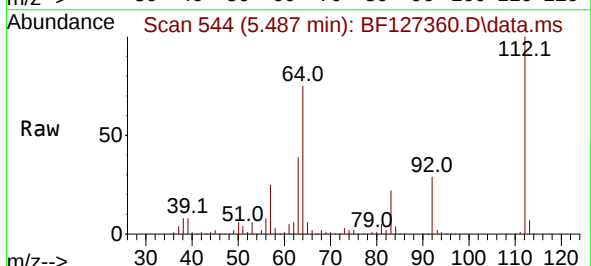
Instrument :
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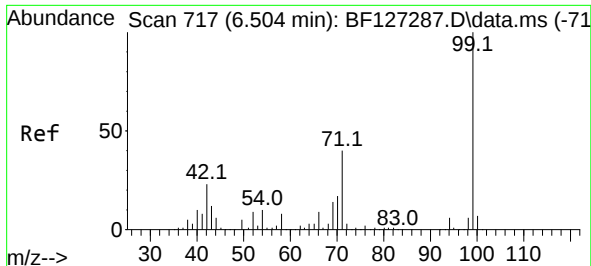
Tgt Ion:152 Resp: 81564
 Ion Ratio Lower Upper
 152 100
 150 145.6 128.1 192.1
 115 64.3 56.7 85.1



#5
 2-Fluorophenol
 Concen: 102.542 ng
 RT: 5.487 min Scan# 544
 Delta R.T. -0.006 min
 Lab File: BF127360.D
 Acq: 16 Mar 2022 21:26

Tgt Ion:112 Resp: 520276
 Ion Ratio Lower Upper
 112 100
 64 75.4 49.5 74.3#
 63 39.4 23.9 35.9#

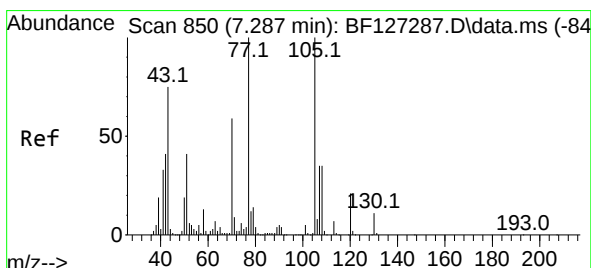
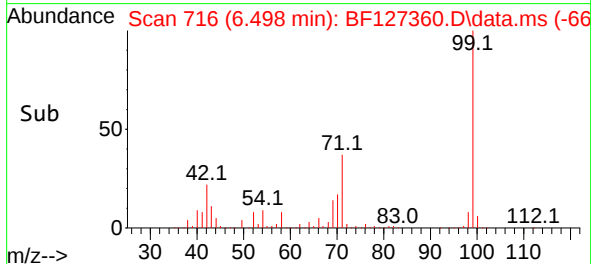
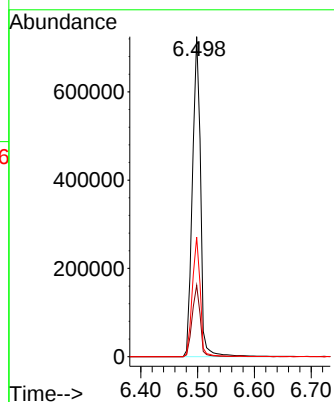
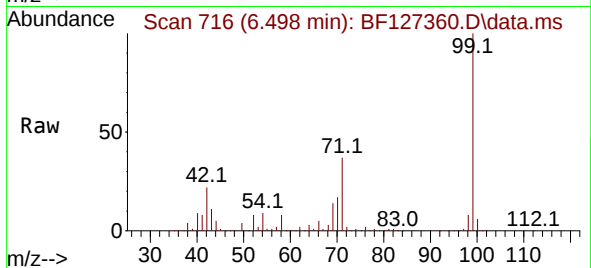




#7
Phenol-d6
Concen: 103.318 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF127360.D
Acq: 16 Mar 2022 21:26

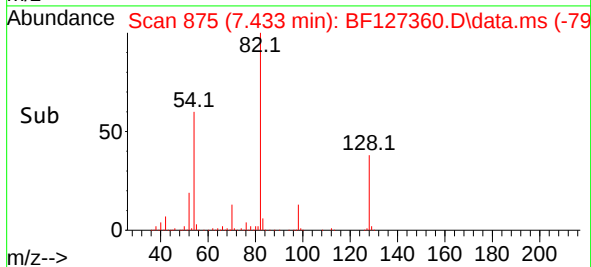
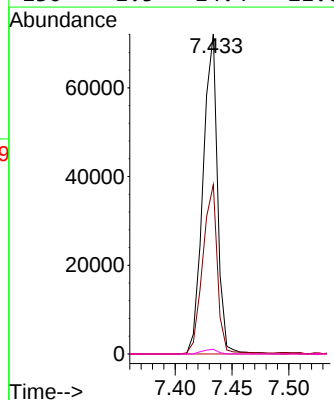
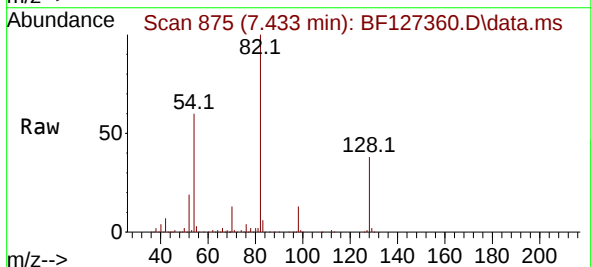
Instrument :
BNA_F
ClientSampleId :
BLIND-DUPLICATE

Tgt Ion: 99 Resp: 721135
Ion Ratio Lower Upper
99 100
42 22.3 14.2 21.4#
71 37.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.698 ng
RT: 7.433 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127360.D
Acq: 16 Mar 2022 21:26

Tgt Ion: 70 Resp: 64018
Ion Ratio Lower Upper
70 100
42 52.9 45.8 68.8
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#

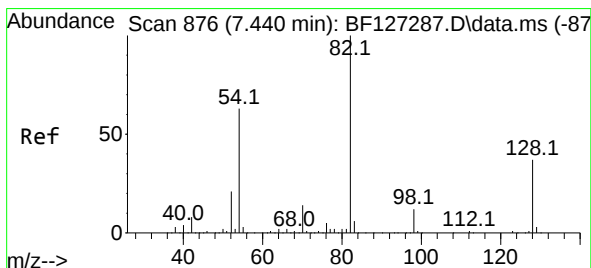
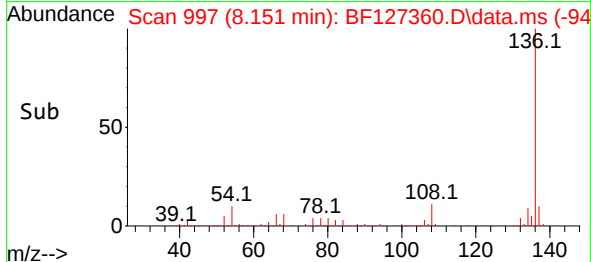
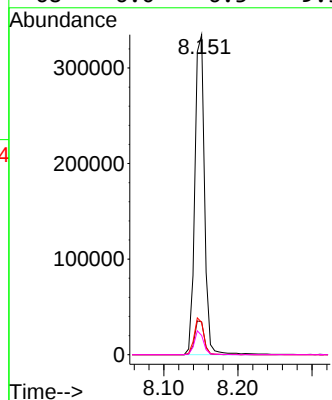
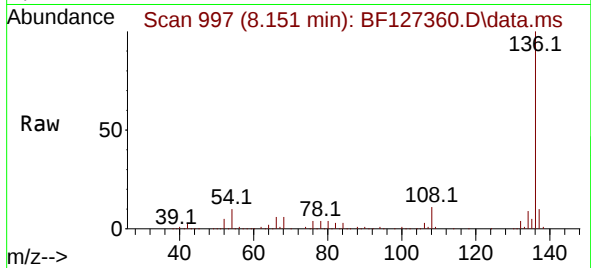




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127360.D
Acq: 16 Mar 2022 21:26

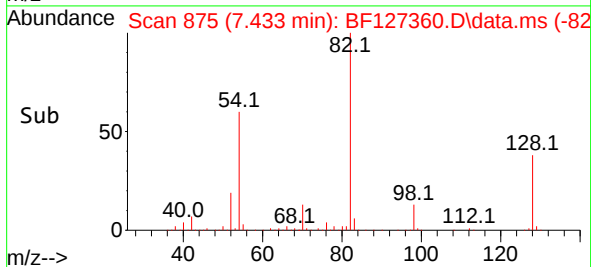
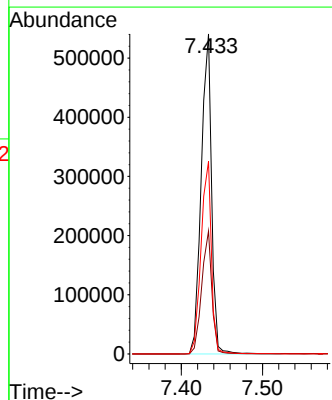
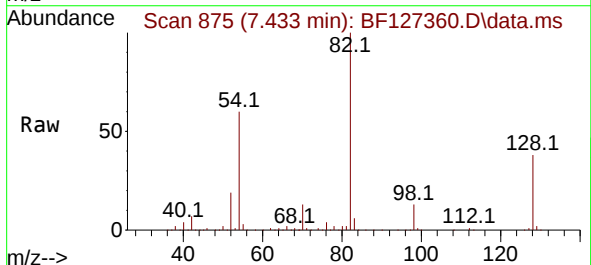
Instrument :
BNA_F
ClientSampleId :
BLIND-DUPLICATE

Tgt Ion:136 Resp: 302736
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 10.1 7.8 11.6
68 6.0 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 65.706 ng
RT: 7.433 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127360.D
Acq: 16 Mar 2022 21:26

Tgt Ion: 82 Resp: 481660
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 60.1 41.7 62.5

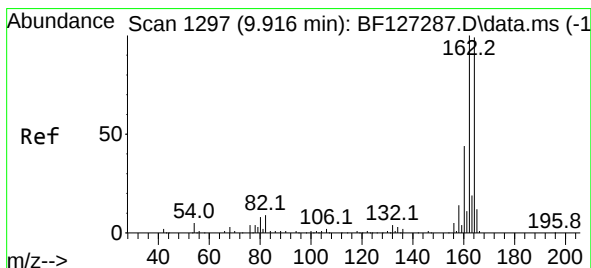
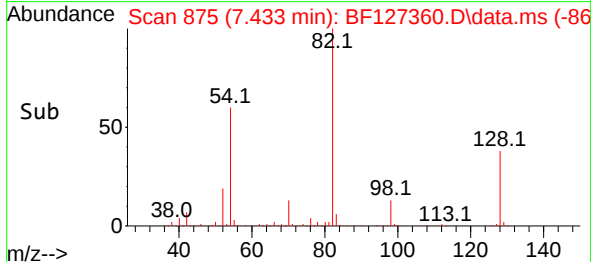
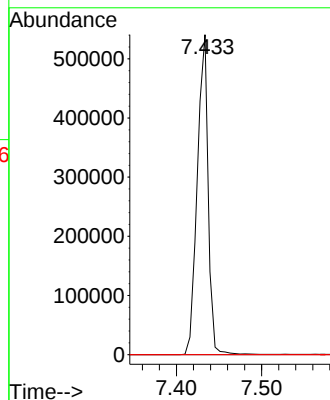
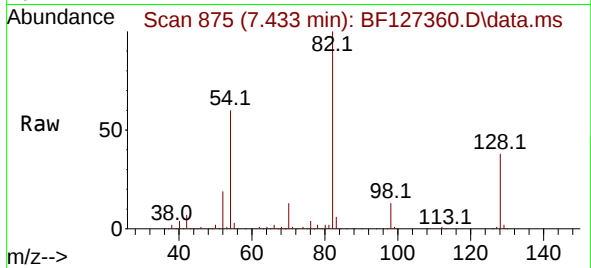




#25
Isophorone
Concen: 40.868 ng
RT: 7.433 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127360.D
Acq: 16 Mar 2022 21:26

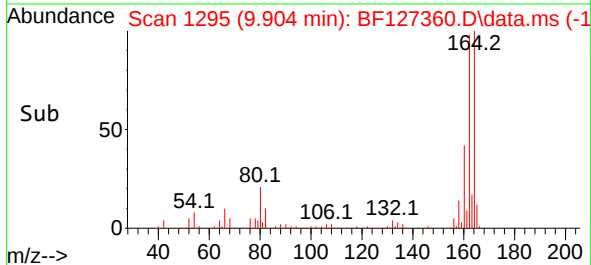
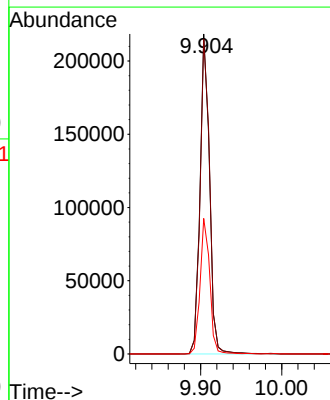
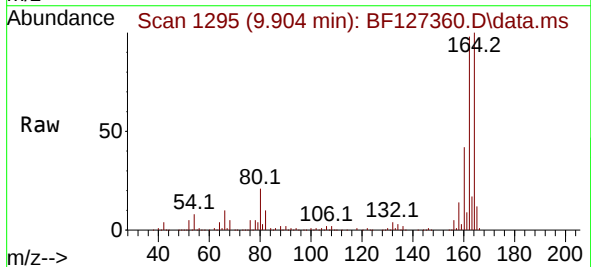
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ClientSampleId :
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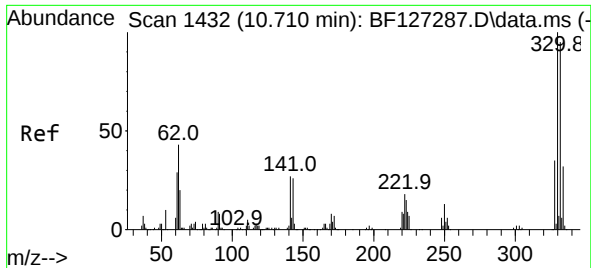
Tgt Ion: 82 Resp: 481722
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127360.D
Acq: 16 Mar 2022 21:26

Tgt Ion:164 Resp: 177884
Ion Ratio Lower Upper
164 100
162 98.4 81.4 122.0
160 42.3 36.6 54.8

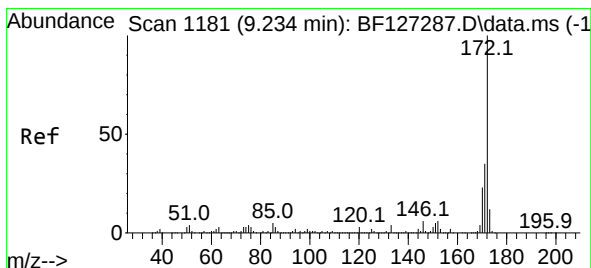
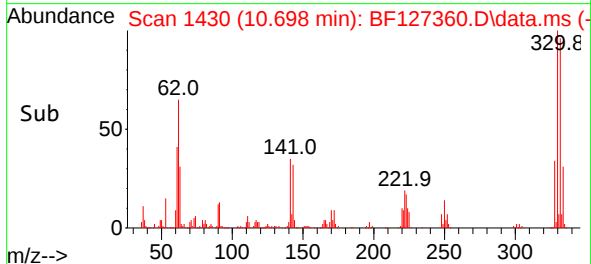
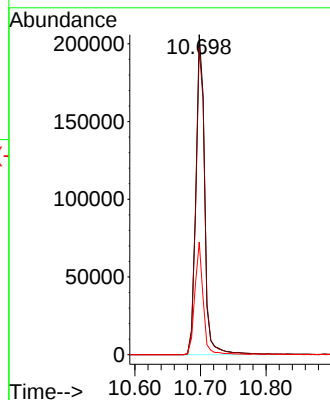
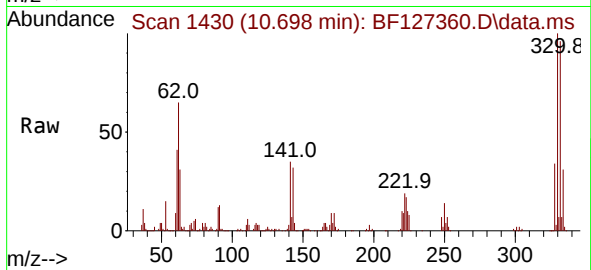




#42
2,4,6-Tribromophenol
Concen: 100.685 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF127360.D
Acq: 16 Mar 2022 21:26

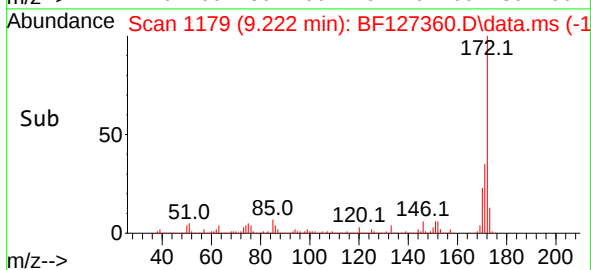
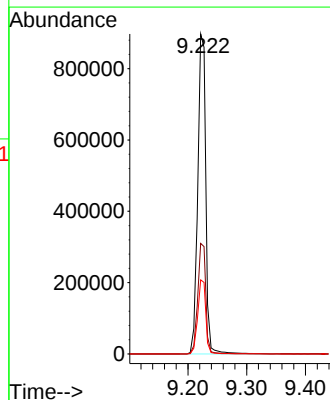
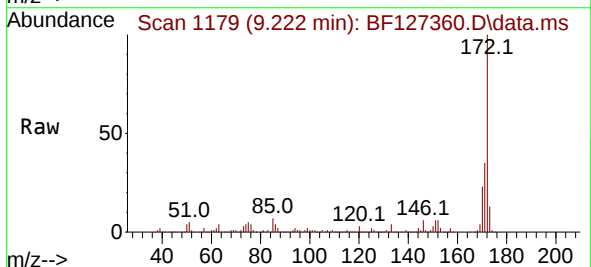
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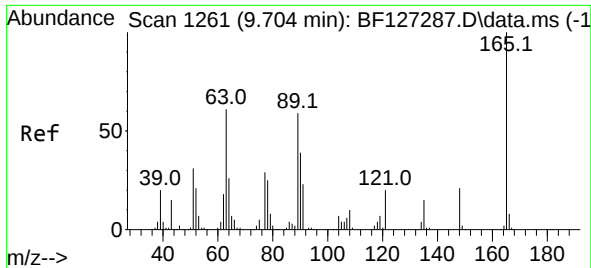
Tgt Ion:330 Resp: 192802
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 33.3 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 67.823 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF127360.D
Acq: 16 Mar 2022 21:26

Tgt Ion:172 Resp: 853353
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.2 19.0 28.6

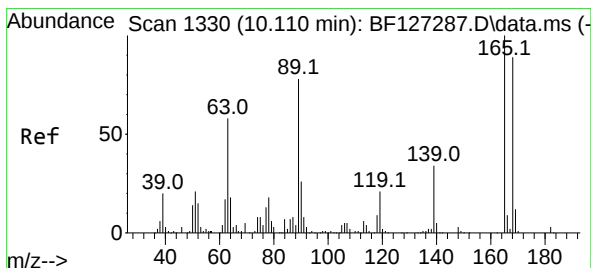
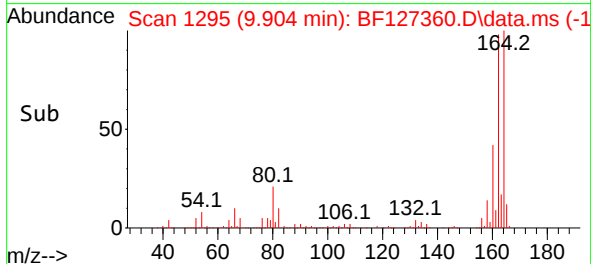
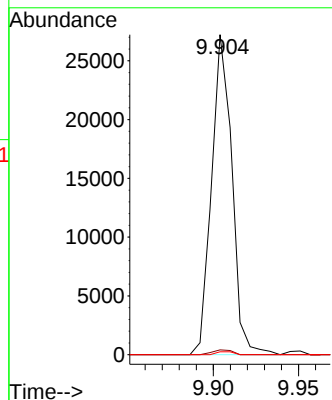
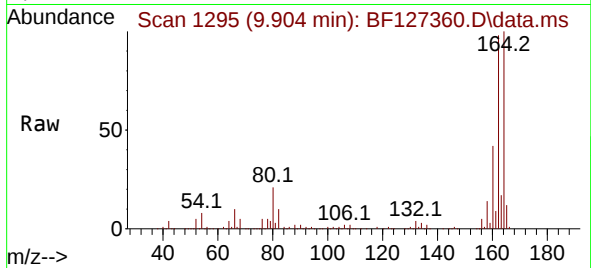




#51
2,6-Dinitrotoluene
Concen: 8.768 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127360.D
Acq: 16 Mar 2022 21:26

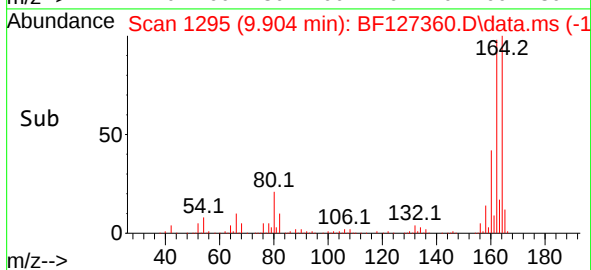
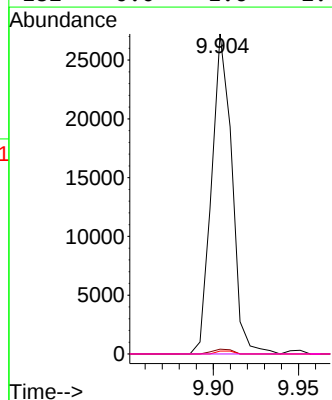
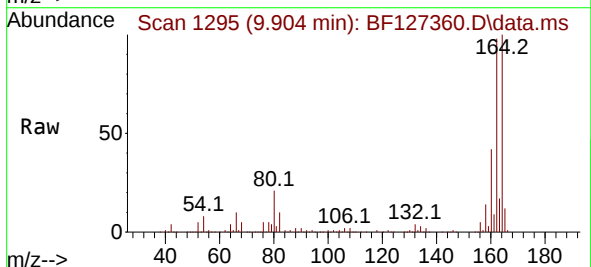
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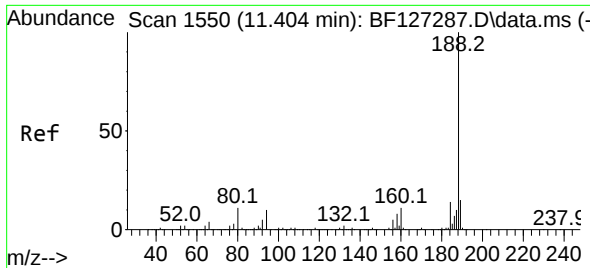
Tgt Ion:165 Resp: 22608
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 0.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.664 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127360.D
Acq: 16 Mar 2022 21:26

Tgt Ion:165 Resp: 22608
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 0.9 71.0 106.4#
182 0.0 1.6 2.4#

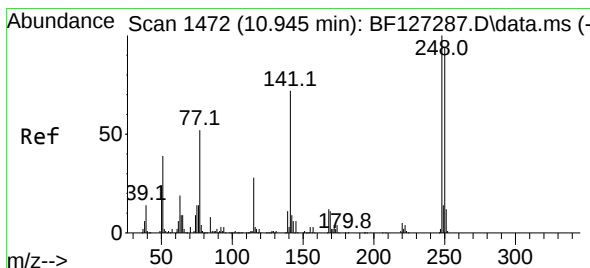
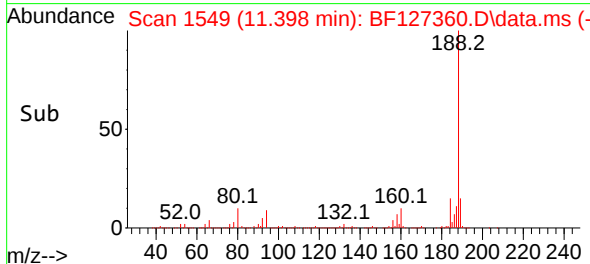
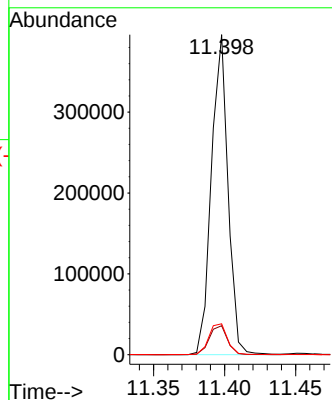
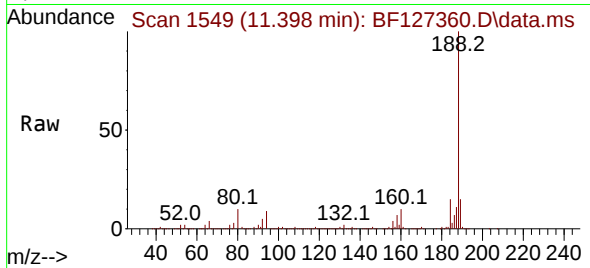




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127360.D
Acq: 16 Mar 2022 21:26

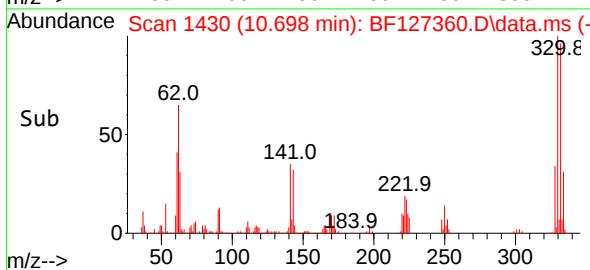
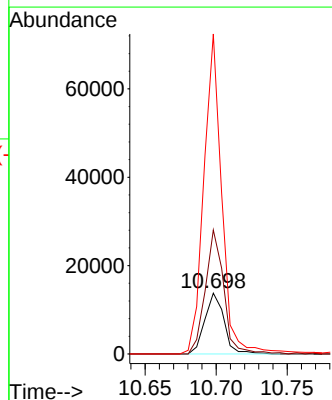
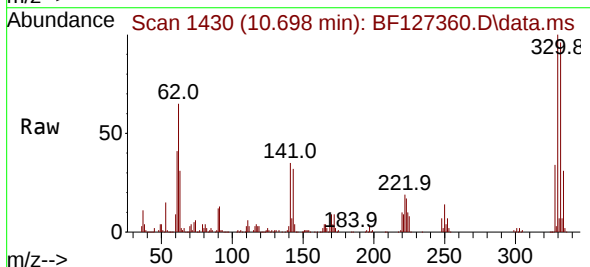
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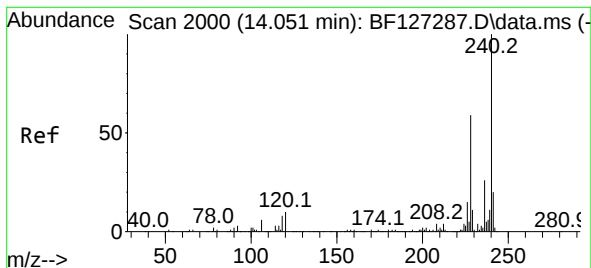
Tgt Ion:188 Resp: 321139
Ion Ratio Lower Upper
188 100
94 9.1 10.1 15.1#
80 9.7 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.350 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127360.D
Acq: 16 Mar 2022 21:26

Tgt Ion:248 Resp: 12967
Ion Ratio Lower Upper
248 100
250 203.7 76.2 114.4#
141 525.7 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF127360.D

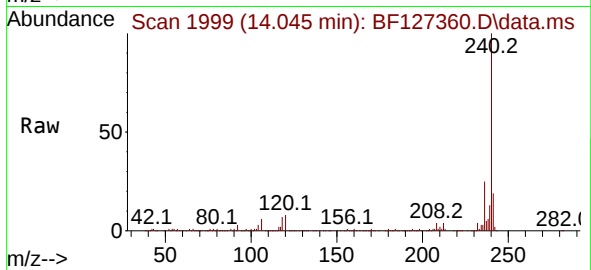
Acq: 16 Mar 2022 21:26

Instrument :

BNA_F

ClientSampleId :

BLIND-DUPLICATE



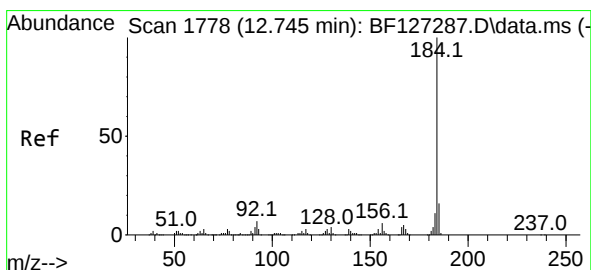
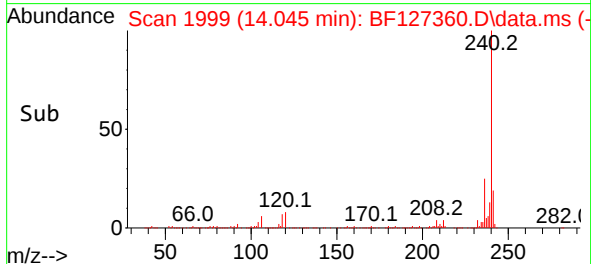
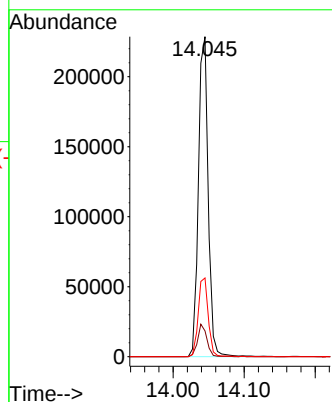
Tgt Ion:240 Resp: 219203

Ion Ratio Lower Upper

240 100

120 8.1 14.4 21.6#

236 24.6 20.5 30.7



#77

Benzidine

Concen: 2.237 ng

RT: 12.986 min Scan# 1819

Delta R.T. 0.241 min

Lab File: BF127360.D

Acq: 16 Mar 2022 21:26

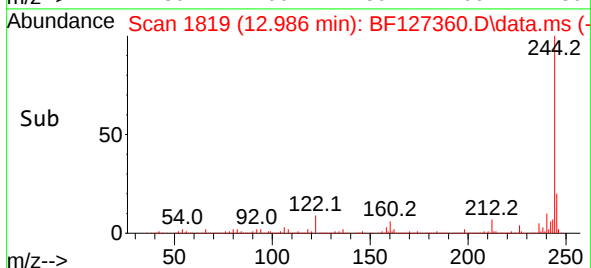
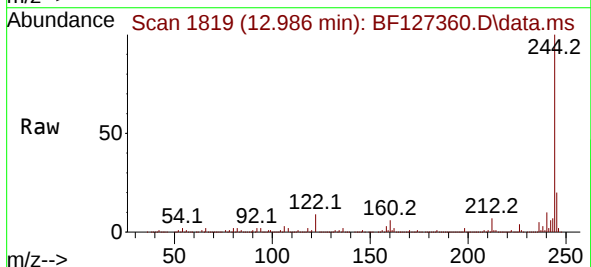
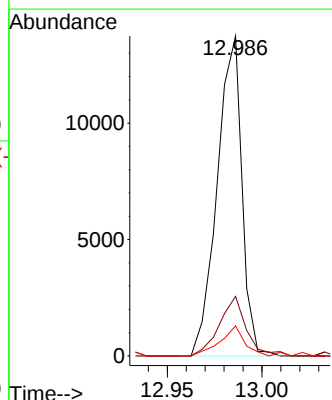
Tgt Ion:184 Resp: 12468

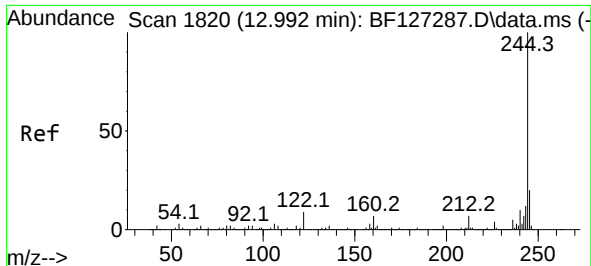
Ion Ratio Lower Upper

184 100

185 18.6 11.8 17.8#

183 9.4 8.2 12.2

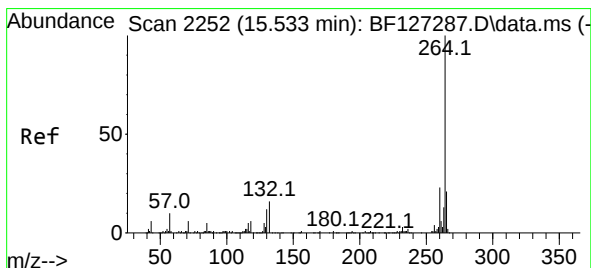
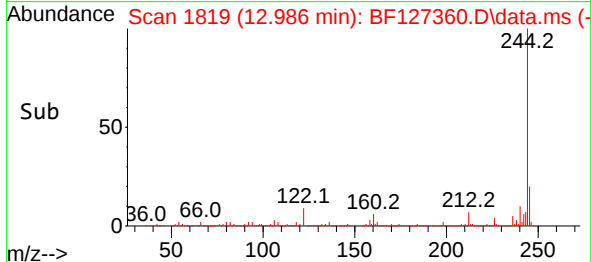
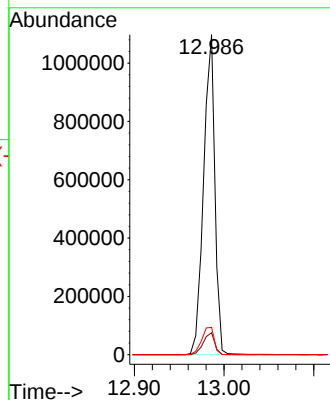
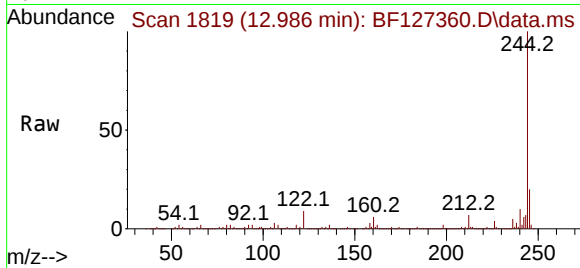




#79
 Terphenyl-d14
 Concen: 75.281 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127360.D
 Acq: 16 Mar 2022 21:26

Instrument :
 BNA_F
 ClientSampleId :
 BLIND-DUPLICATE

Tgt Ion:244 Resp: 958317
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 8.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF127360.D
 Acq: 16 Mar 2022 21:26

Tgt Ion:264 Resp: 189639
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.7 17.4 26.2

