

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127362.D
 Acq On : 16 Mar 2022 22:23
 Operator : CG\JU
 Sample : N1949-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Mar 17 02:36:55 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)

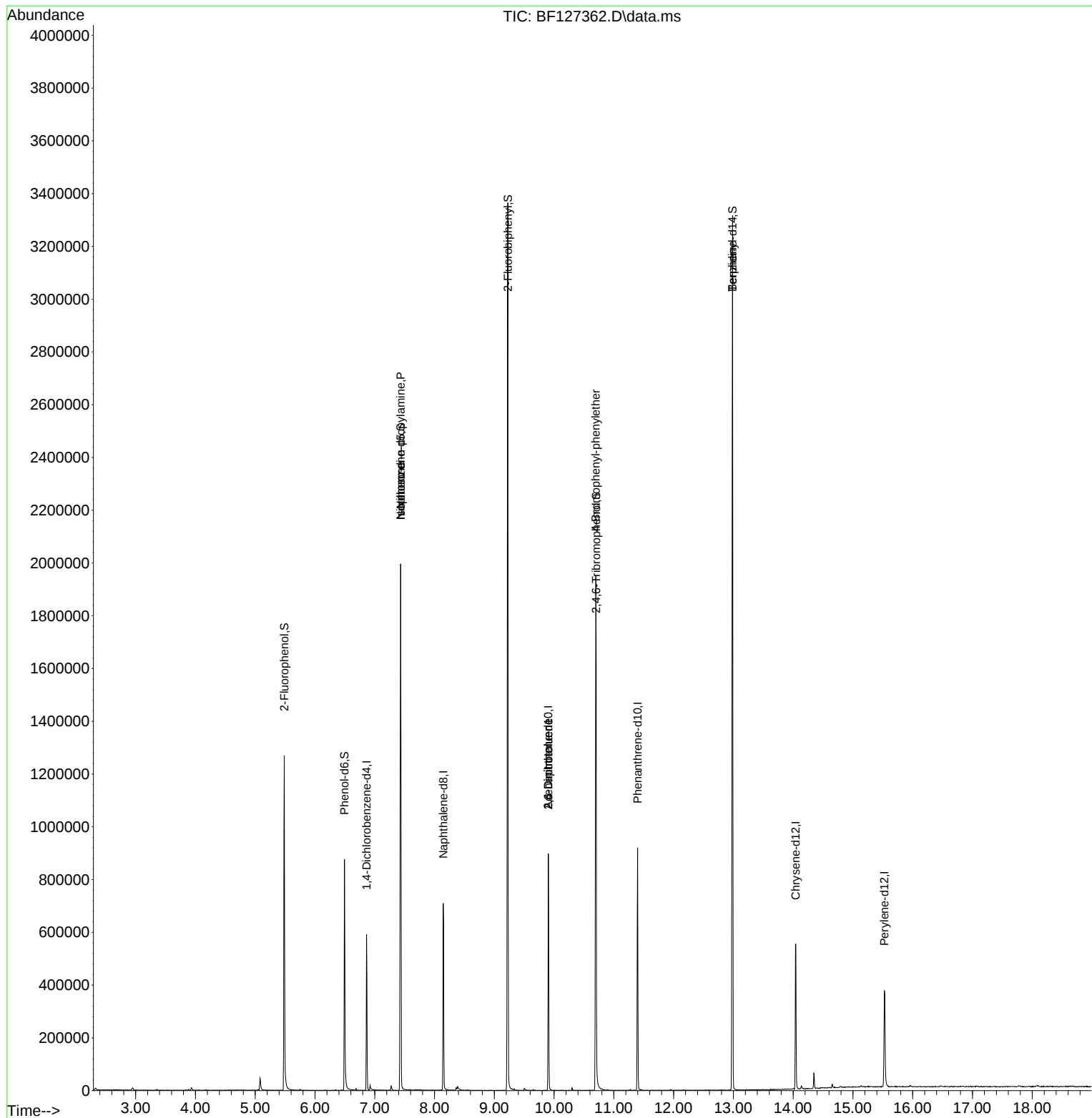
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	78440	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	289077	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	171547	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	307475	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	210109	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	185521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	299622	61.405	ng	0.00
7) Phenol-d6	6.492	99	259712	38.691	ng	-0.01
23) Nitrobenzene-d5	7.434	82	611115	87.305	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	239943	129.931	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1046286	86.229	ng	0.00
79) Terphenyl-d14	12.986	244	1177264	96.483	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.451	77	405	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	83186	19.859	ng	# 88
25) Isophorone	7.434	82	611115	54.295	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	21784	8.761	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	21784	6.659	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	15879	4.284	ng	# 1
77) Benizidine	12.986	184	14566	2.726	ng	# 95

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

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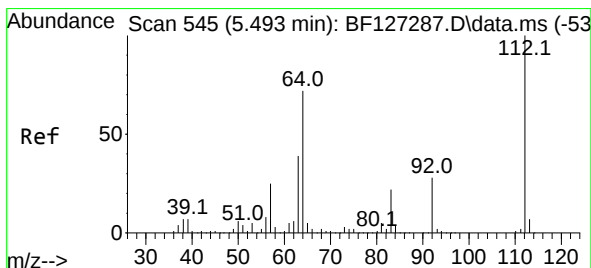
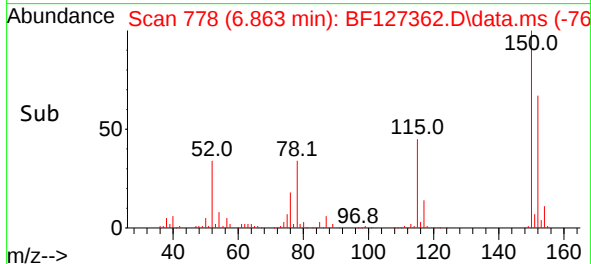
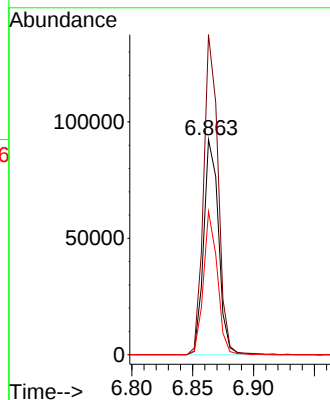
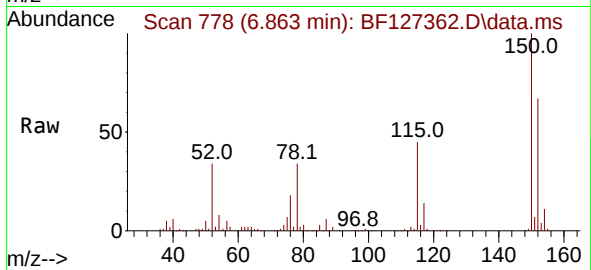




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

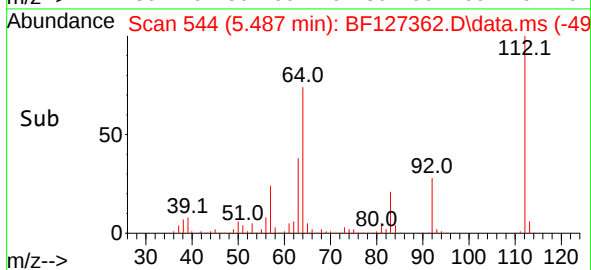
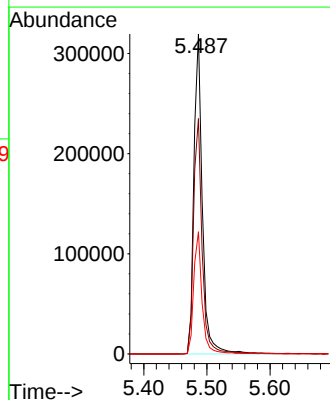
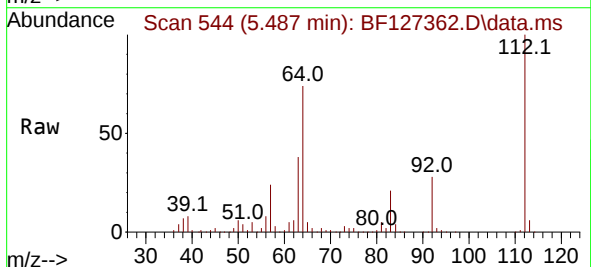
Instrument :
BNA_F
ClientSampleId :
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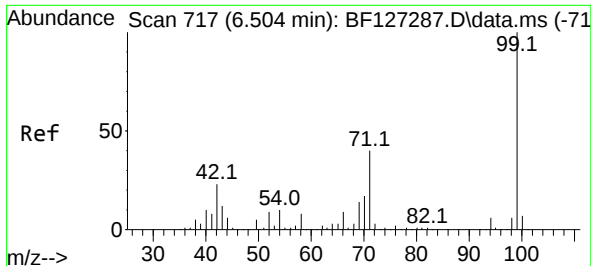
Tgt Ion:152 Resp: 78440
Ion Ratio Lower Upper
152 100
150 148.7 128.1 192.1
115 66.5 56.7 85.1



#5
2-Fluorophenol
Concen: 61.405 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

Tgt Ion:112 Resp: 299622
Ion Ratio Lower Upper
112 100
64 73.5 49.5 74.3
63 38.2 23.9 35.9#





#7

Phenol-d6

Concen: 38.691 ng

RT: 6.492 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF127362.D

Acq: 16 Mar 2022 22:23

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

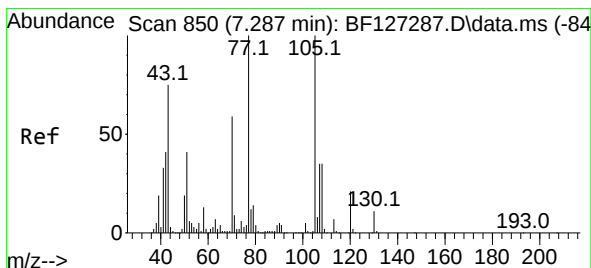
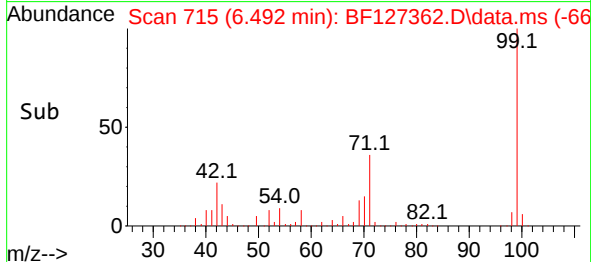
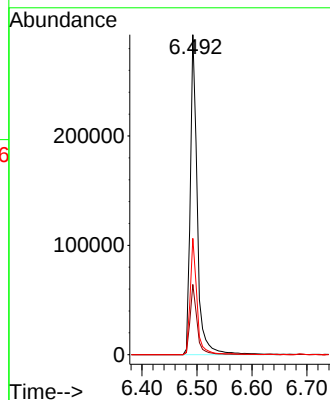
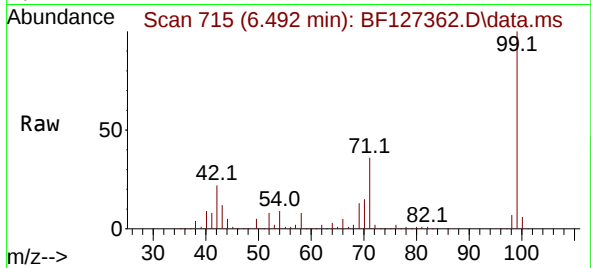
Tgt Ion: 99 Resp: 259712

Ion Ratio Lower Upper

99 100

42 22.0 14.2 21.4#

71 36.3 24.3 36.5



#19

n-Nitroso-di-n-propylamine

Concen: 19.859 ng

RT: 7.434 min Scan# 875

Delta R.T. 0.147 min

Lab File: BF127362.D

Acq: 16 Mar 2022 22:23

Tgt Ion: 70 Resp: 83186

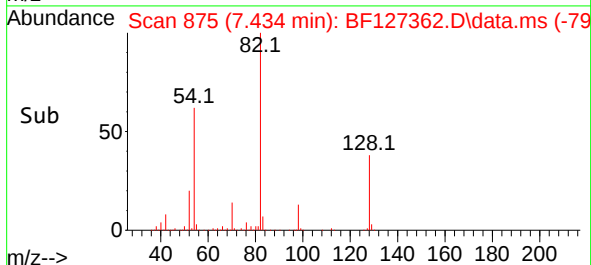
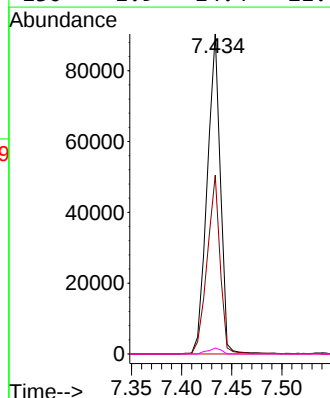
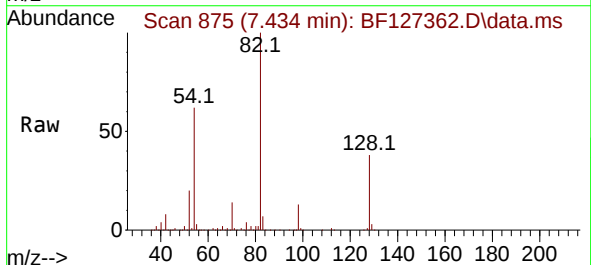
Ion Ratio Lower Upper

70 100

42 55.9 45.8 68.8

101 0.0 6.9 10.3#

130 1.9 14.4 21.6#

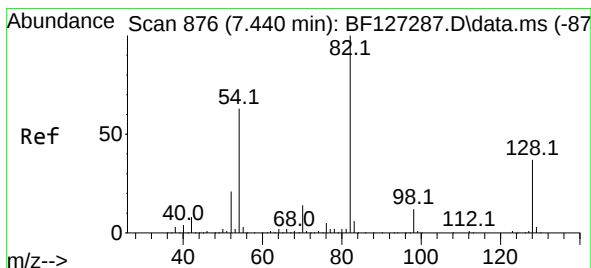
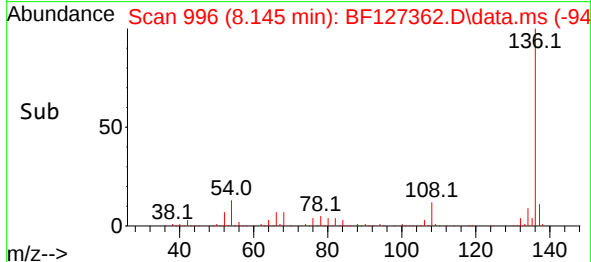
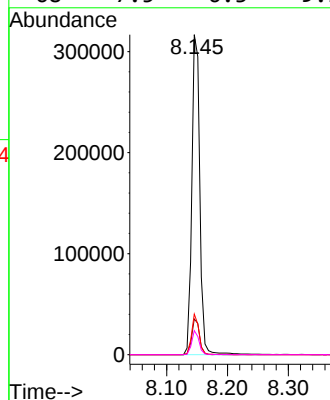
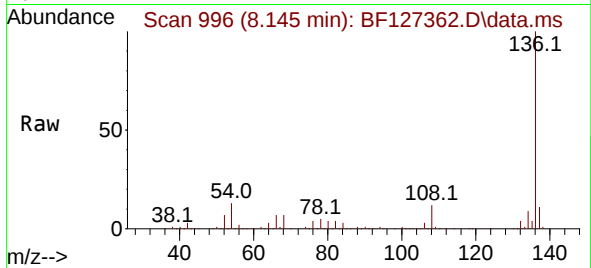




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

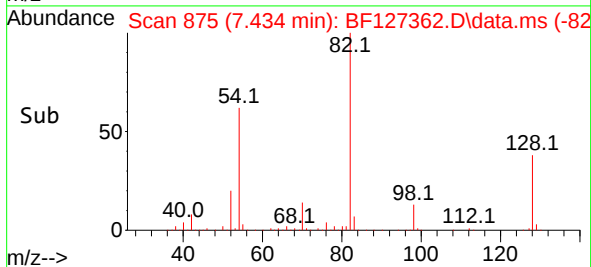
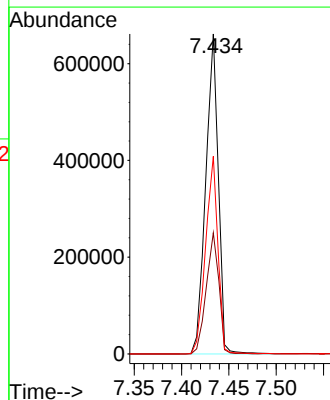
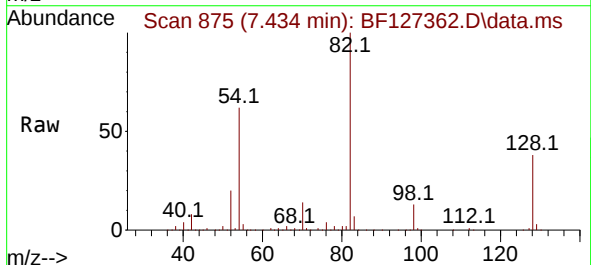
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion:136 Resp: 289077
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 12.7 7.8 11.6#
68 7.5 6.3 9.5



#23
Nitrobenzene-d5
Concen: 87.305 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

Tgt Ion: 82 Resp: 611115
Ion Ratio Lower Upper
82 100
128 37.9 32.7 49.1
54 61.8 41.7 62.5

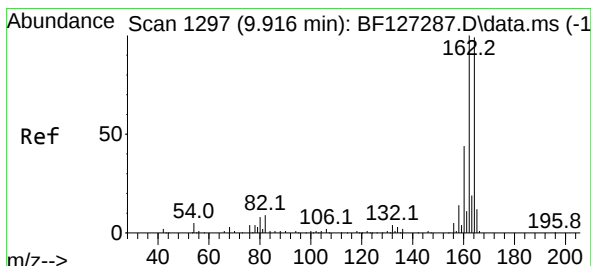
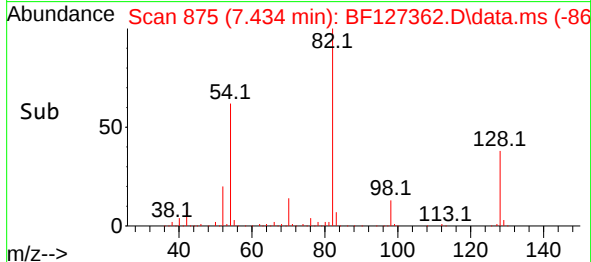
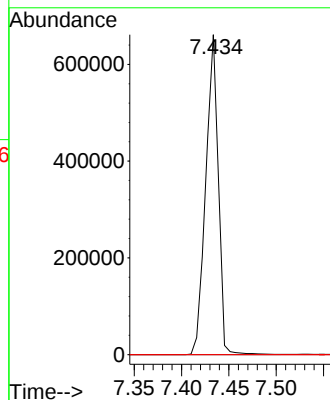
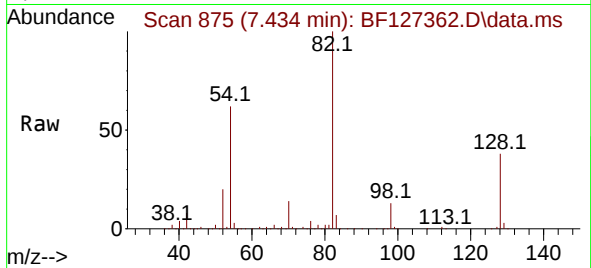




#25
Isophorone
Concen: 54.295 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

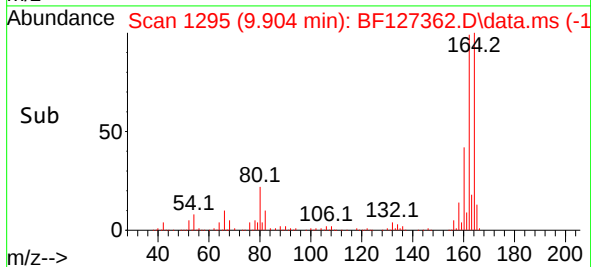
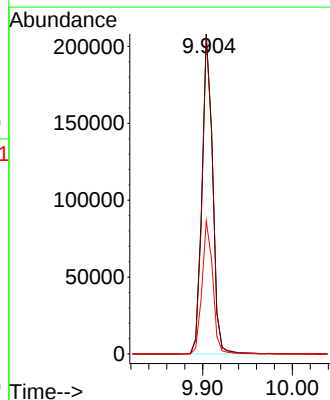
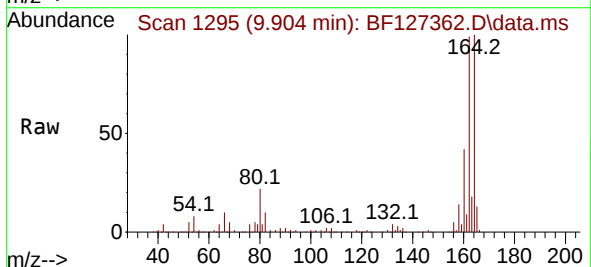
Instrument :
BNA_F
ClientSampleId :
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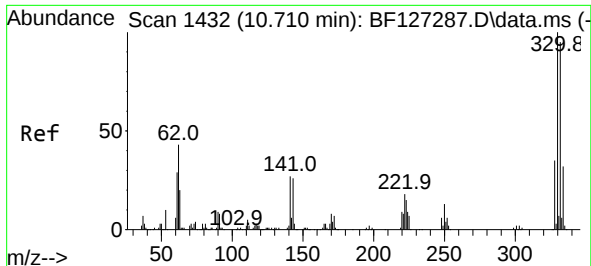
Tgt Ion: 82 Resp: 611115
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

Tgt Ion:164 Resp: 171547
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 41.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 129.931 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF127362.D

Acq: 16 Mar 2022 22:23

Instrument :

BNA_F

ClientSampleId :

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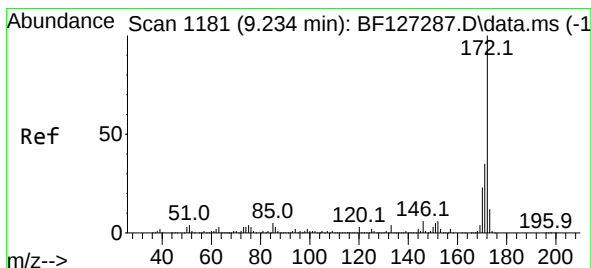
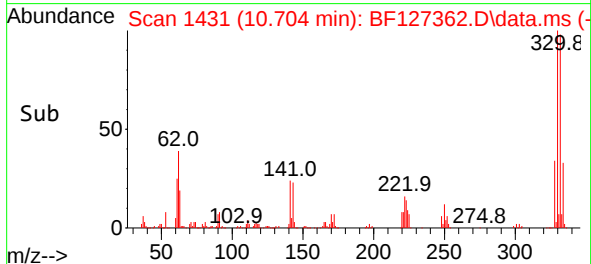
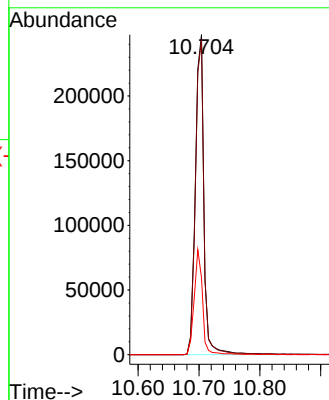
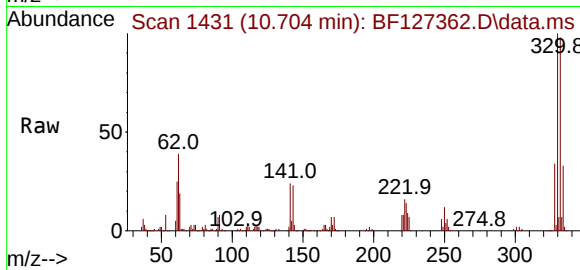
Tgt Ion:330 Resp: 239943

Ion Ratio Lower Upper

330 100

332 98.2 76.0 114.0

141 32.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 86.229 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127362.D

Acq: 16 Mar 2022 22:23

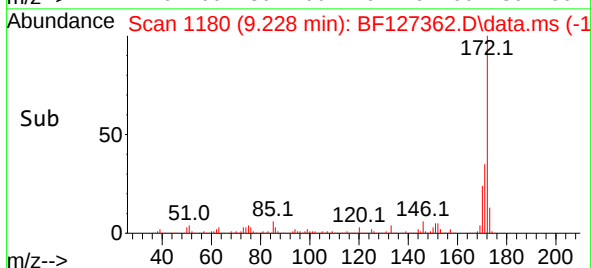
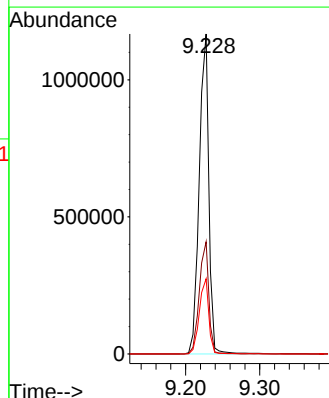
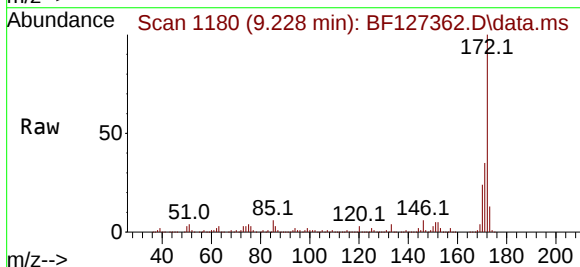
Tgt Ion:172 Resp: 1046286

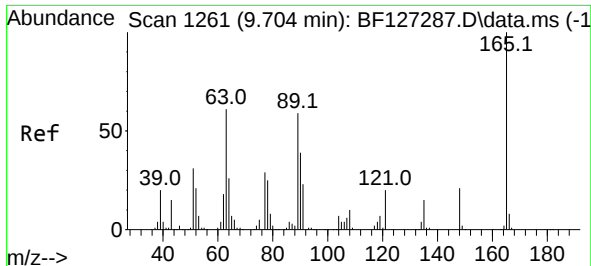
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 19.0 28.6

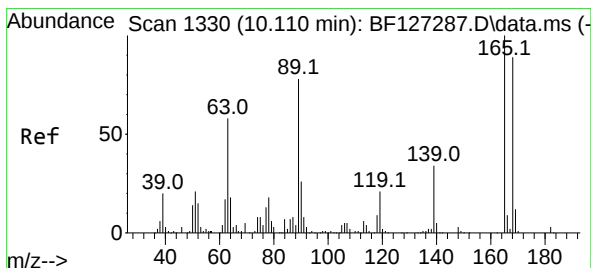
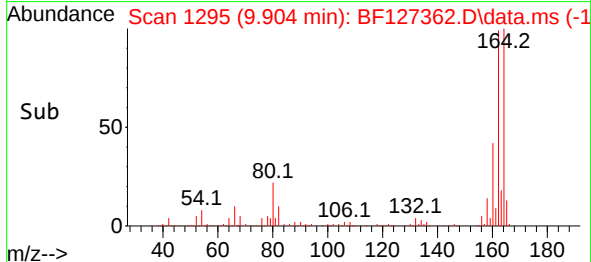
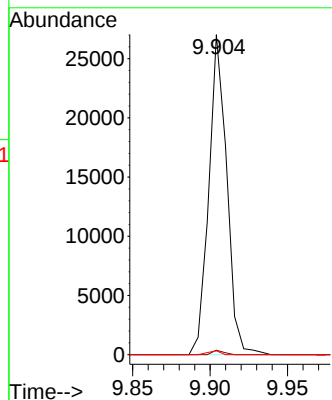
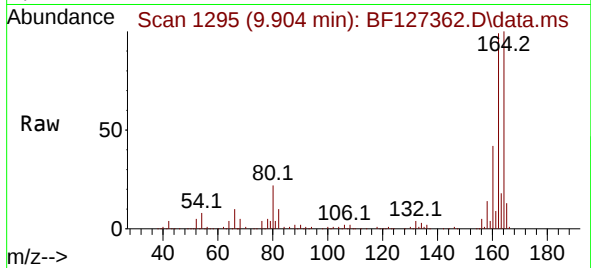




#51
2,6-Dinitrotoluene
Concen: 8.761 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

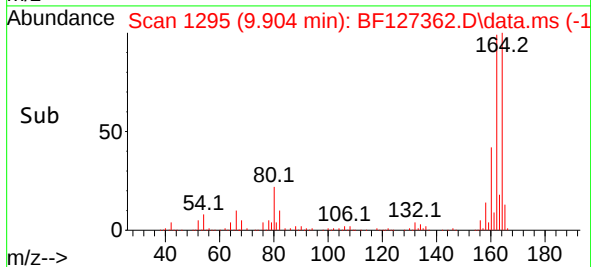
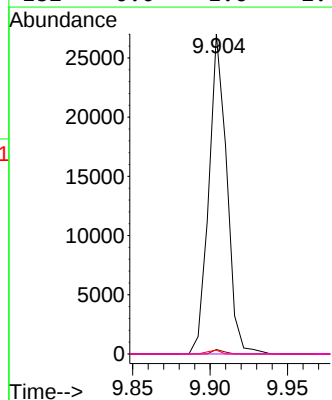
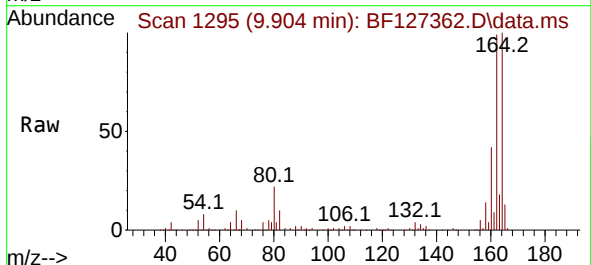
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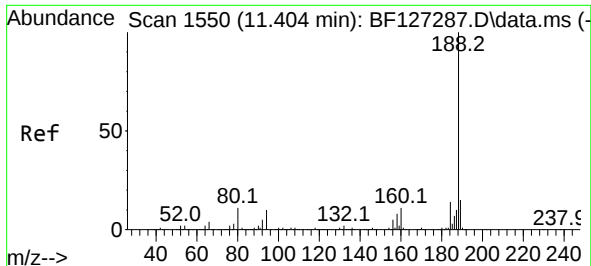
Tgt Ion:165 Resp: 21784
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.2 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.659 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

Tgt Ion:165 Resp: 21784
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#

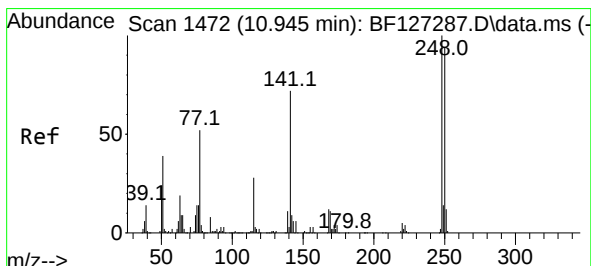
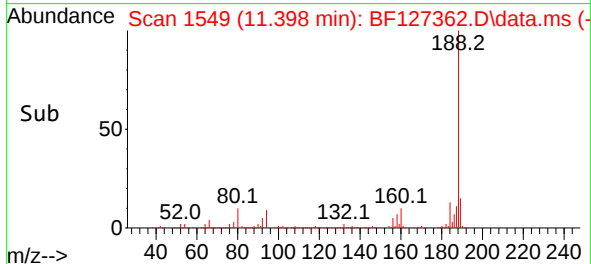
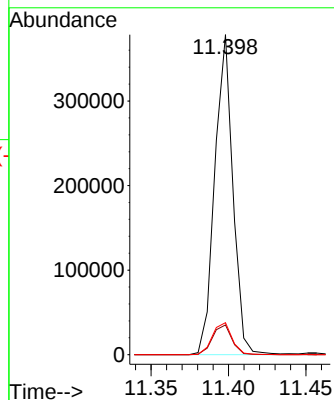
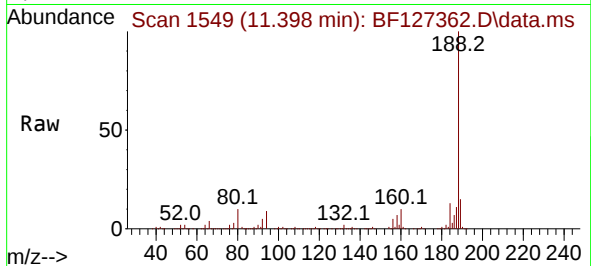




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

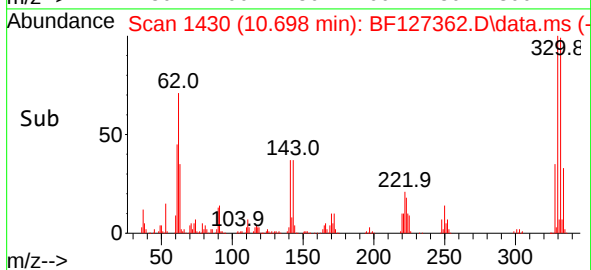
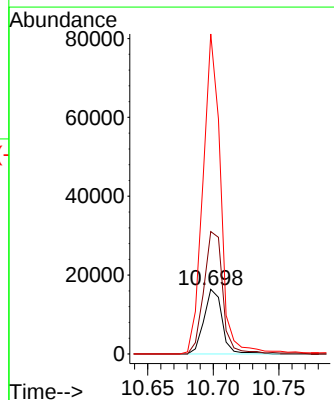
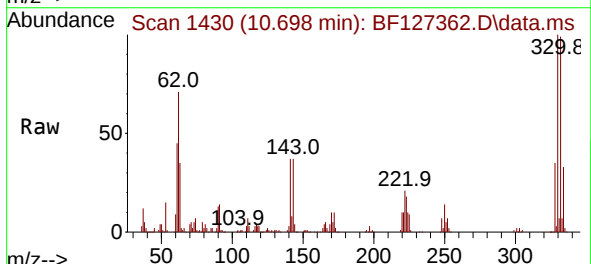
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ClientSampleId :
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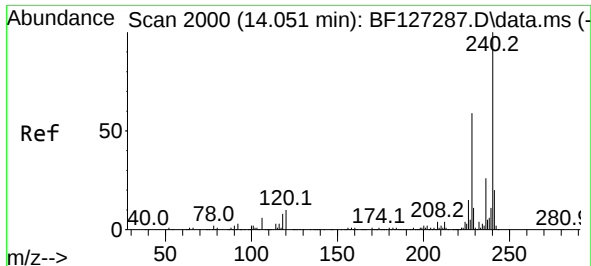
Tgt Ion:188 Resp: 307475
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.0 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.284 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

Tgt Ion:248 Resp: 15879
Ion Ratio Lower Upper
248 100
250 189.5 76.2 114.4#
141 495.1 66.2 99.4#

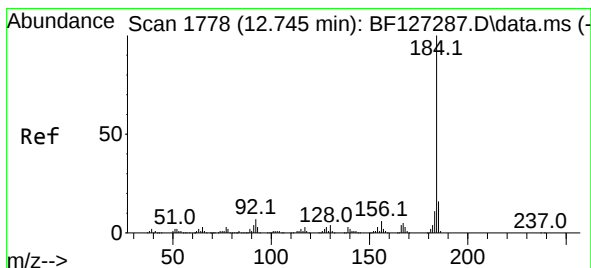
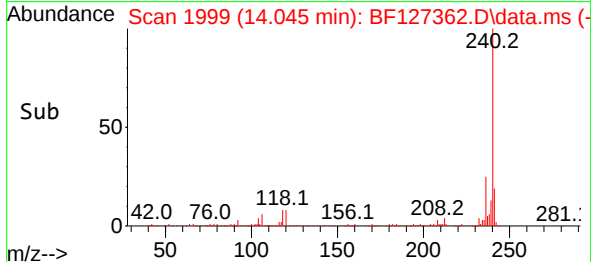
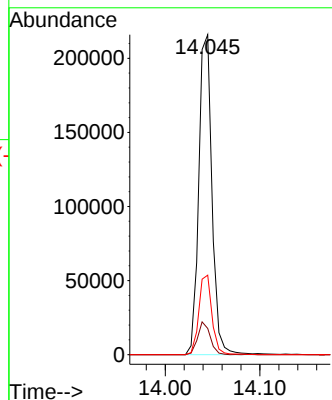
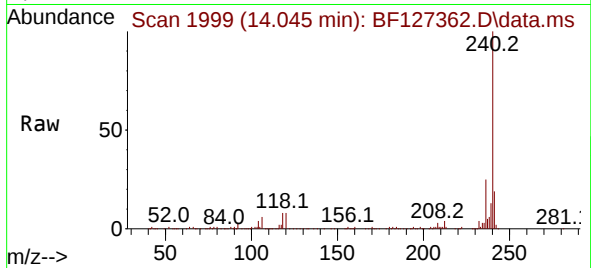




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

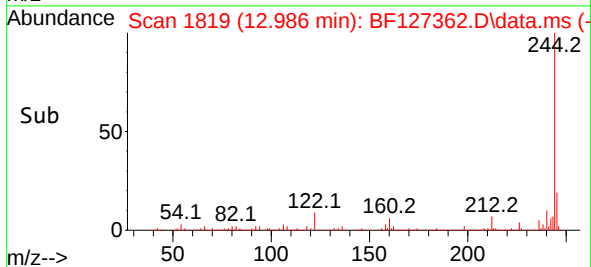
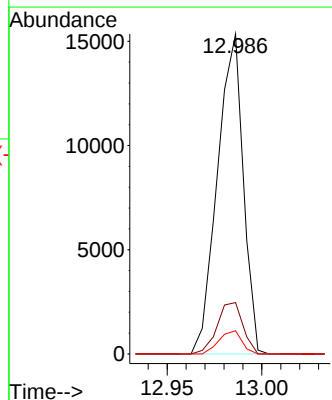
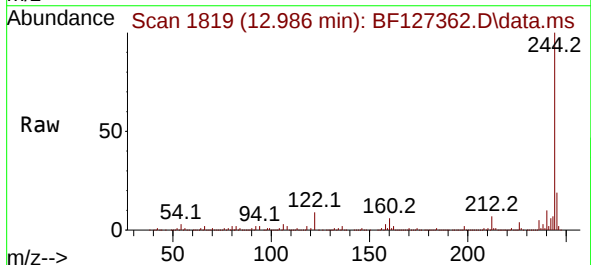
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

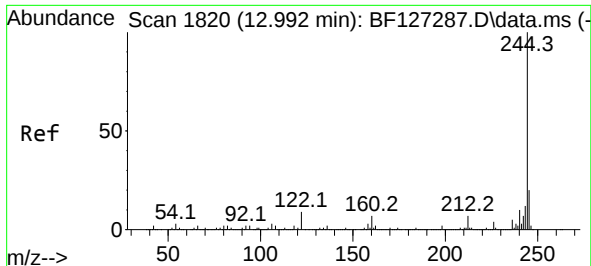
Tgt Ion:240 Resp: 210109
Ion Ratio Lower Upper
240 100
120 8.2 14.4 21.6#
236 24.9 20.5 30.7



#77
Benzidine
Concen: 2.726 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF127362.D
Acq: 16 Mar 2022 22:23

Tgt Ion:184 Resp: 14566
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.8
183 7.2 8.2 12.2#

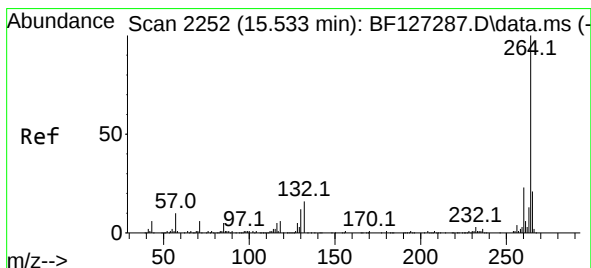
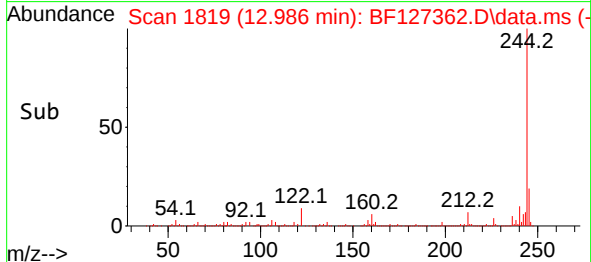
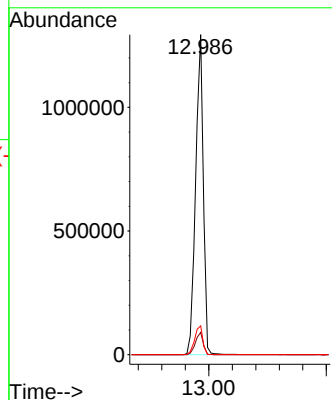
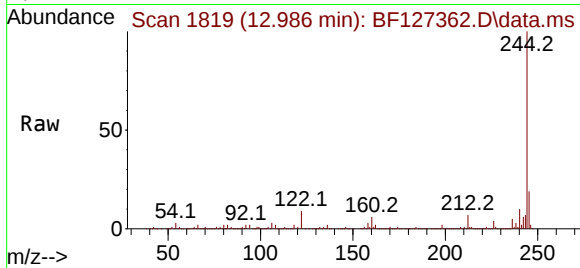




#79
 Terphenyl-d14
 Concen: 96.483 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127362.D
 Acq: 16 Mar 2022 22:23

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:244 Resp: 1177264
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 9.0 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: BF127362.D
 Acq: 16 Mar 2022 22:23

Tgt Ion:264 Resp: 185521
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.4 26.2

