

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127341.D
 Acq On : 15 Mar 2022 23:35
 Operator : CG\JU
 Sample : N1948-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

Quant Time: Mar 16 05:31:42 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)

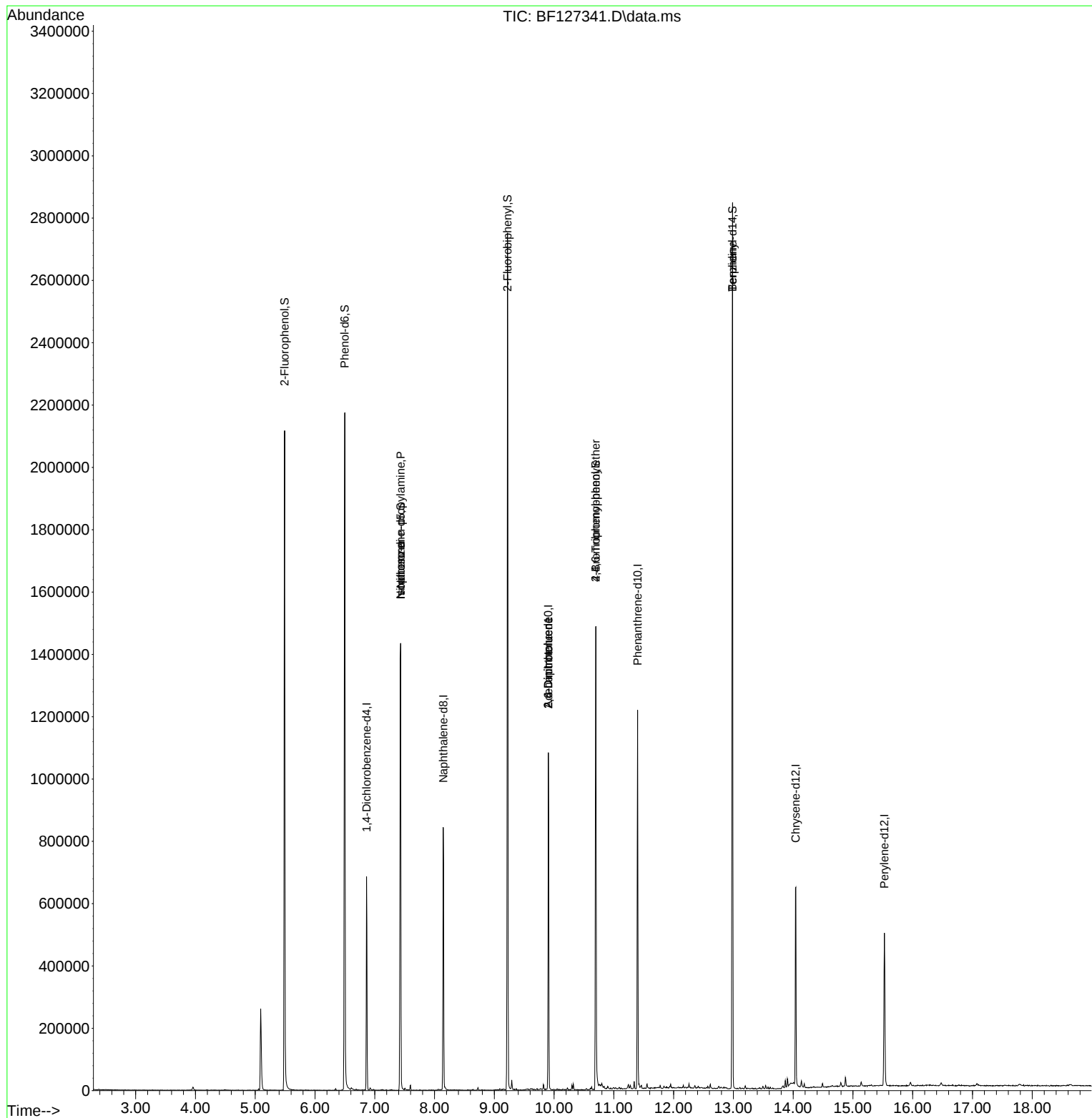
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90534	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	352926	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	214021	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	400927	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	230395	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	218903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	489950	86.998	ng	0.00
7) Phenol-d6	6.498	99	693705	89.541	ng	0.00
23) Nitrobenzene-d5	7.434	82	485228	56.780	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	161017	69.888	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	850362	56.174	ng	-0.01
79) Terphenyl-d14	12.986	244	978446	73.128	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	1325	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	66162	13.685	ng	# 83
25) Isophorone	7.434	82	485228	35.311	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	25895	8.347	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	25895	6.344	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	10845	2.244	ng	# 1
77) Benzydine	12.986	184	12851	2.193	ng	# 93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

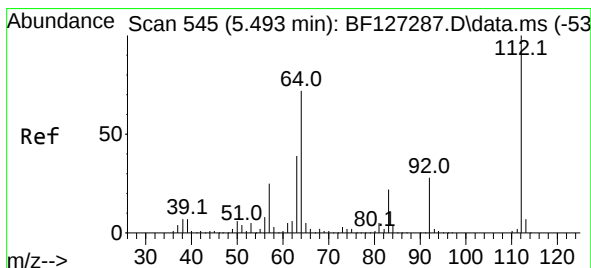
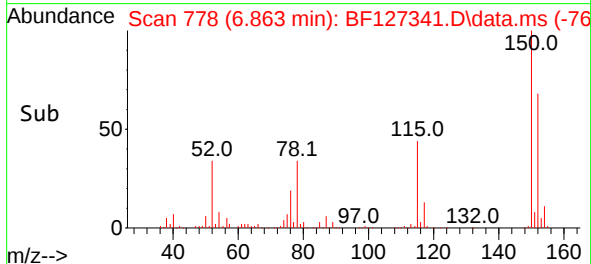
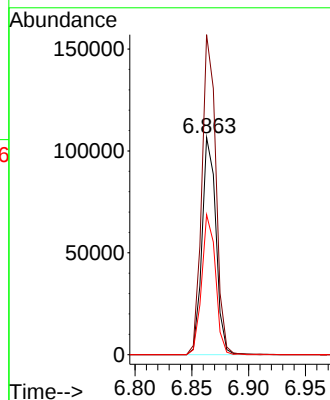
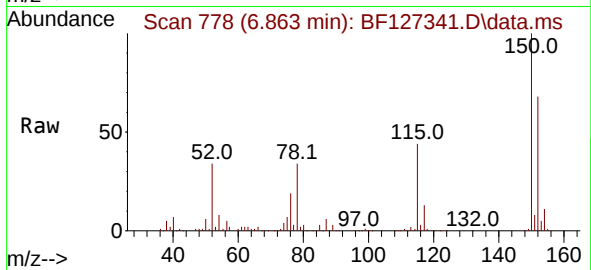




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF127341.D
Acq: 15 Mar 2022 23:35

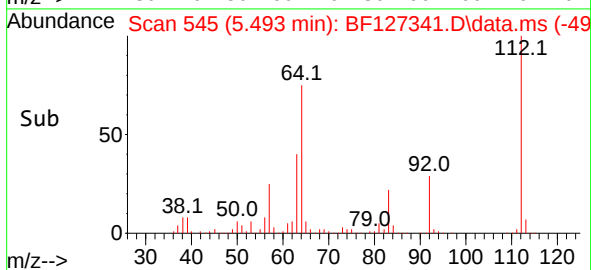
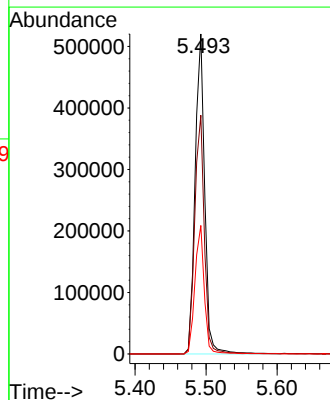
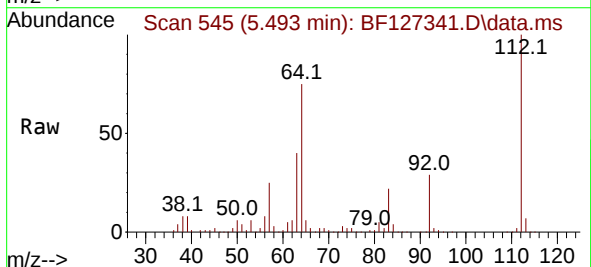
Instrument :
BNA_F
ClientSampleId :
COMP-6

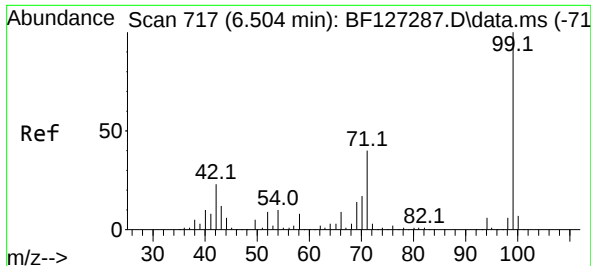
Tgt Ion:152 Resp: 90534
Ion Ratio Lower Upper
152 100
150 147.3 128.1 192.1
115 64.5 56.7 85.1



#5
2-Fluorophenol
Concen: 86.998 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127341.D
Acq: 15 Mar 2022 23:35

Tgt Ion:112 Resp: 489950
Ion Ratio Lower Upper
112 100
64 74.6 49.5 74.3#
63 40.1 23.9 35.9#





#7

Phenol-d6

Concen: 89.541 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127341.D

Acq: 15 Mar 2022 23:35

Instrument :

BNA_F

ClientSampleId :

COMP-6

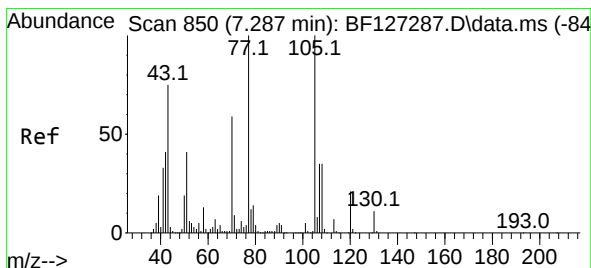
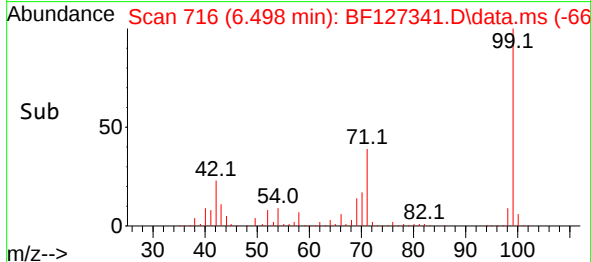
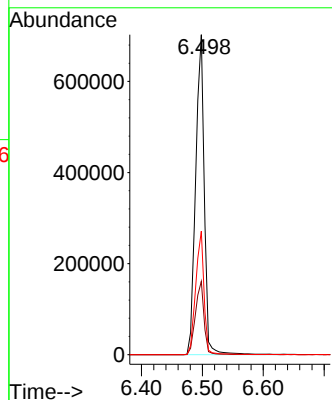
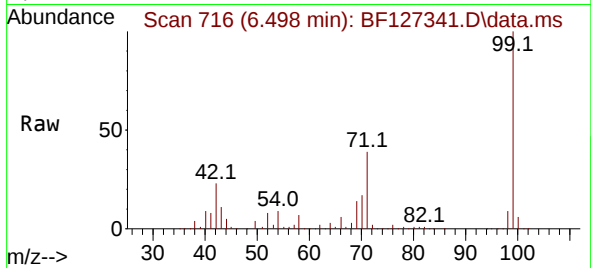
Tgt Ion: 99 Resp: 693705

Ion Ratio Lower Upper

99 100

42 22.9 14.2 21.4#

71 38.6 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 13.685 ng

RT: 7.434 min Scan# 875

Delta R.T. 0.147 min

Lab File: BF127341.D

Acq: 15 Mar 2022 23:35

Tgt Ion: 70 Resp: 66162

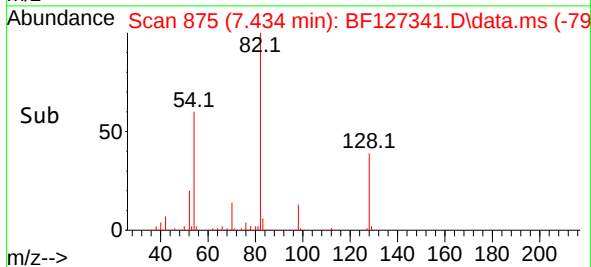
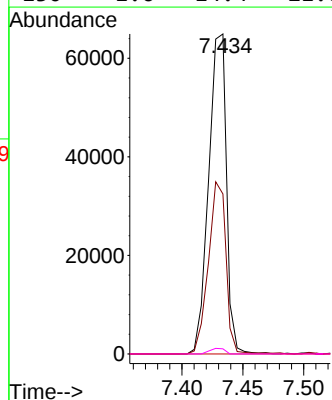
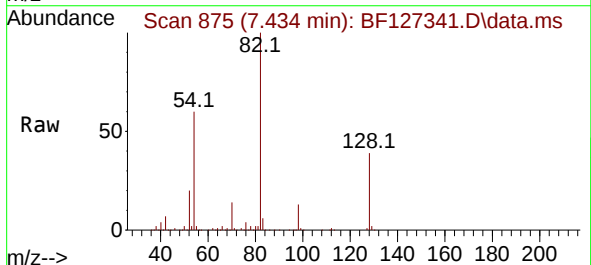
Ion Ratio Lower Upper

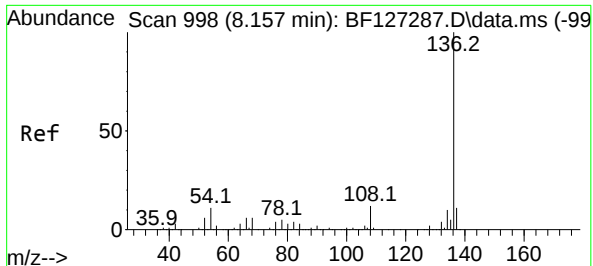
70 100

42 50.0 45.8 68.8

101 0.0 6.9 10.3#

130 1.6 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF127341.D

Acq: 15 Mar 2022 23:35

Instrument :

BNA_F

ClientSampleId :

COMP-6

Tgt Ion:136 Resp: 352926

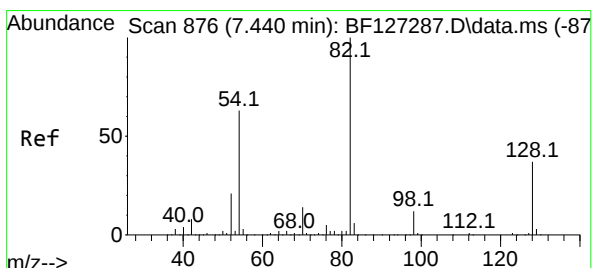
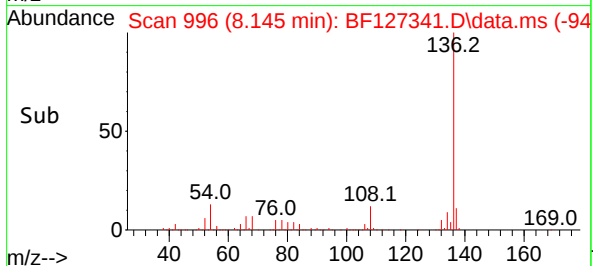
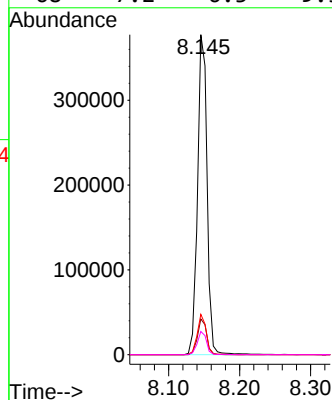
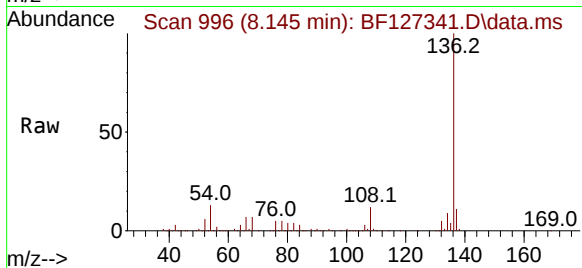
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 12.6 7.8 11.6#

68 7.2 6.3 9.5



#23

Nitrobenzene-d5

Concen: 56.780 ng

RT: 7.434 min Scan# 875

Delta R.T. -0.006 min

Lab File: BF127341.D

Acq: 15 Mar 2022 23:35

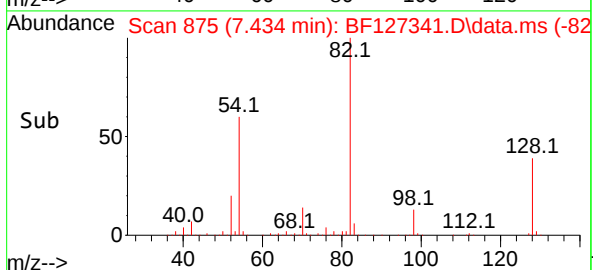
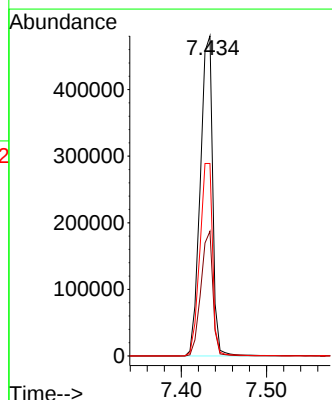
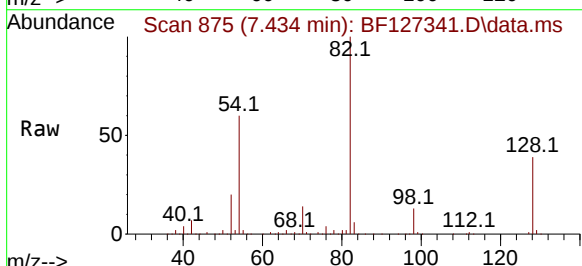
Tgt Ion: 82 Resp: 485228

Ion Ratio Lower Upper

82 100

128 39.0 32.7 49.1

54 60.1 41.7 62.5

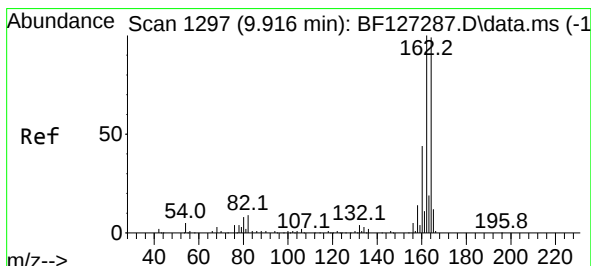
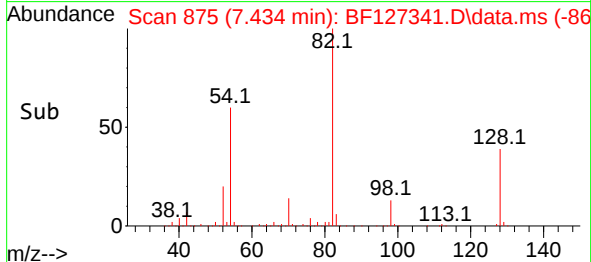
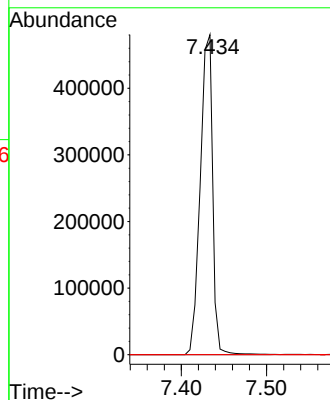
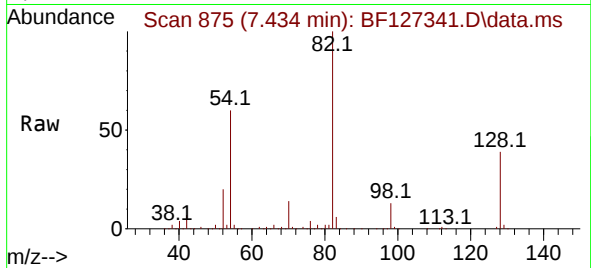




#25
Isophorone
Concen: 35.311 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127341.D
Acq: 15 Mar 2022 23:35

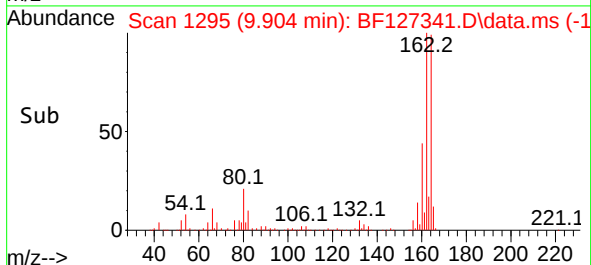
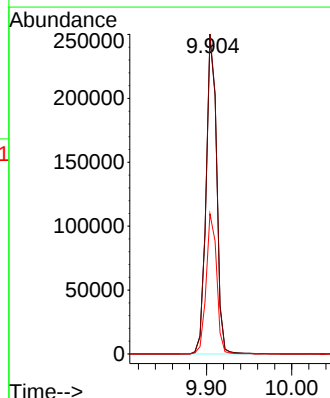
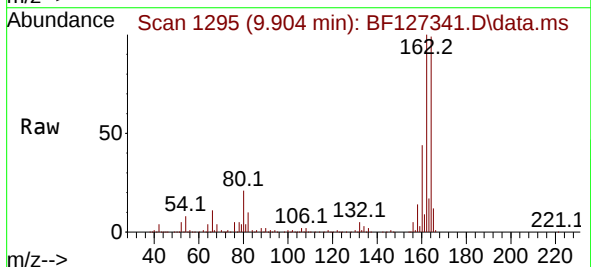
Instrument :
BNA_F
ClientSampleId :
COMP-6

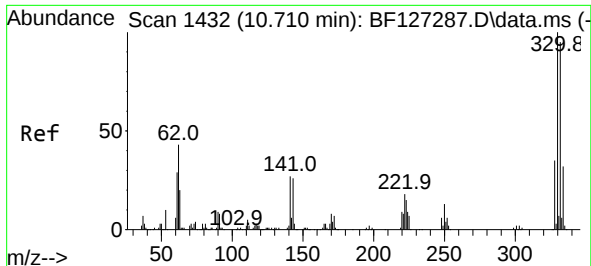
Tgt Ion: 82 Resp: 485228
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127341.D
Acq: 15 Mar 2022 23:35

Tgt Ion: 164 Resp: 214021
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 44.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 69.888 ng

RT: 10.698 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF127341.D

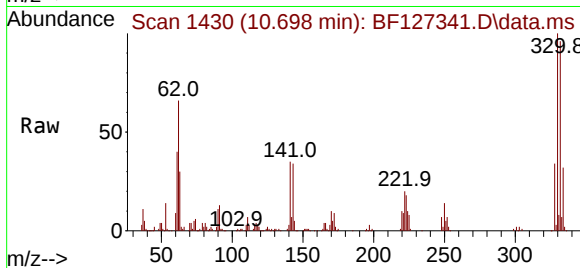
Acq: 15 Mar 2022 23:35

Instrument :

BNA_F

ClientSampleId :

COMP-6



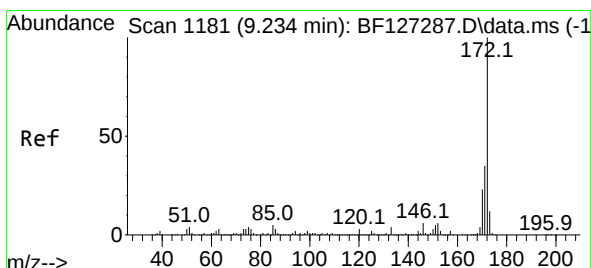
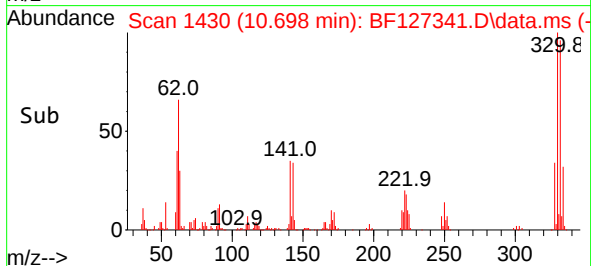
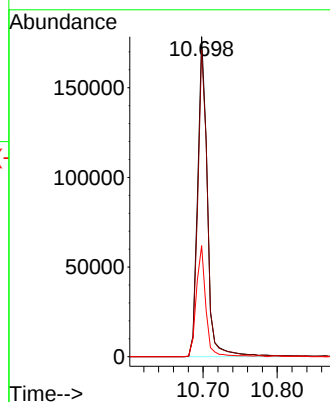
Tgt Ion:330 Resp: 161017

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 34.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 56.174 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127341.D

Acq: 15 Mar 2022 23:35

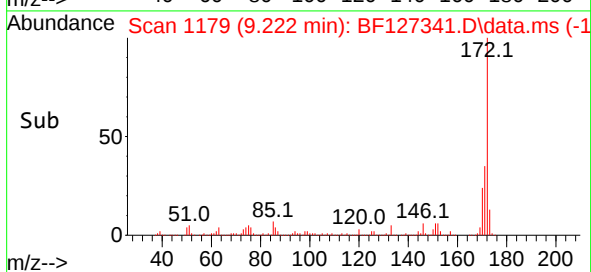
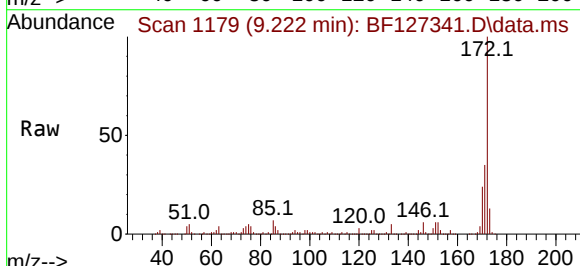
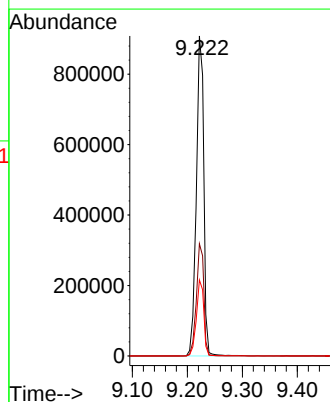
Tgt Ion:172 Resp: 850362

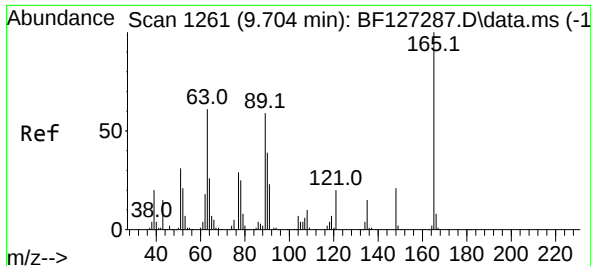
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.347 ng

RT: 9.904 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF127341.D

Acq: 15 Mar 2022 23:35

Instrument :

BNA_F

ClientSampleId :

COMP-6

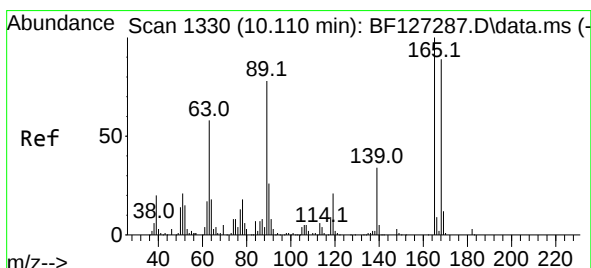
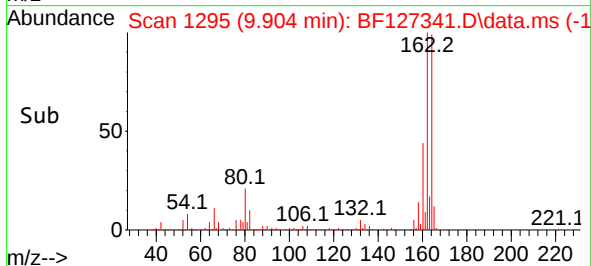
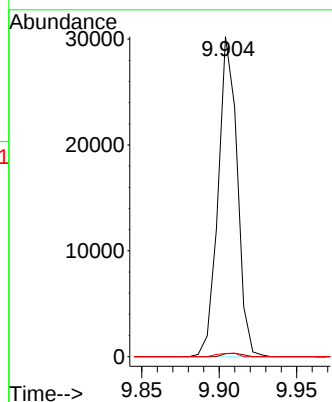
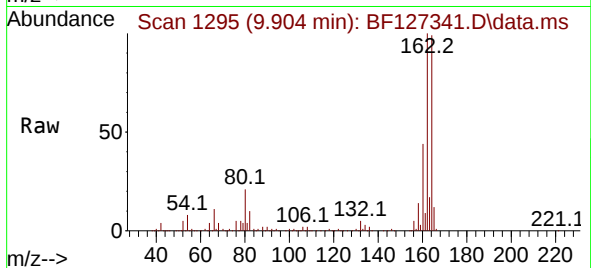
Tgt Ion:165 Resp: 25895

Ion Ratio Lower Upper

165 100

63 0.9 48.4 72.6#

89 1.0 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.344 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.206 min

Lab File: BF127341.D

Acq: 15 Mar 2022 23:35

Tgt Ion:165 Resp: 25895

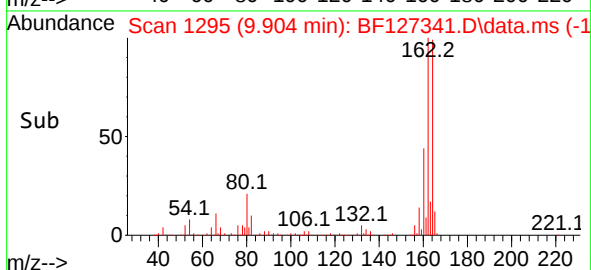
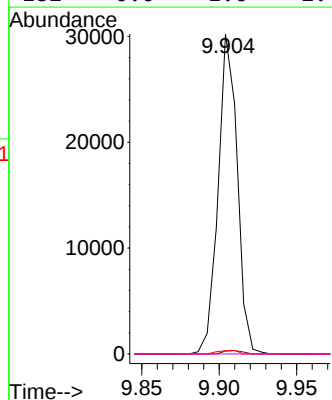
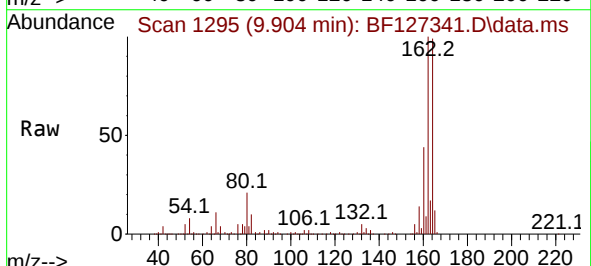
Ion Ratio Lower Upper

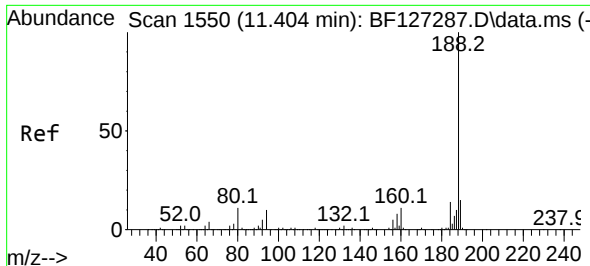
165 100

63 0.9 43.0 64.6#

89 1.0 71.0 106.4#

182 0.0 1.6 2.4#

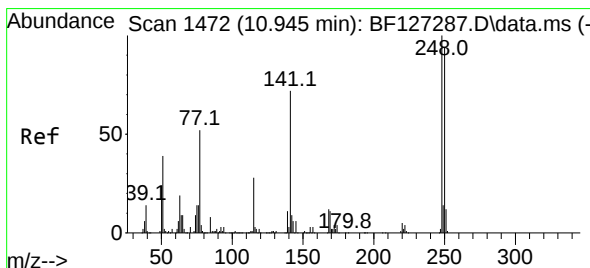
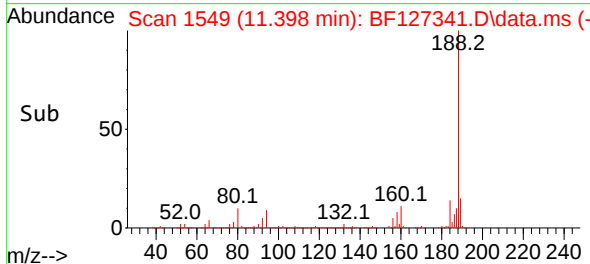
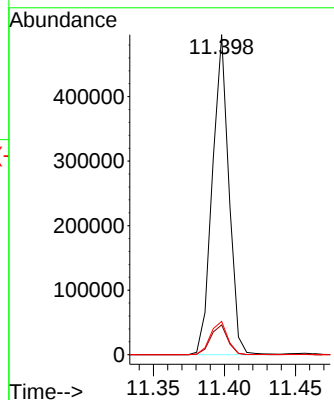
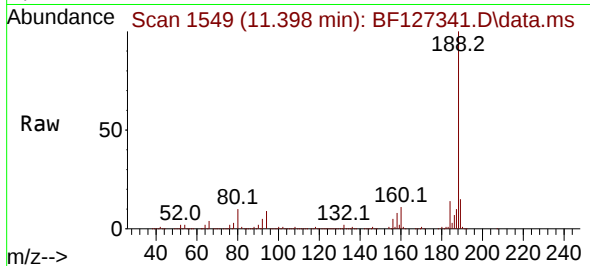




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127341.D
Acq: 15 Mar 2022 23:35

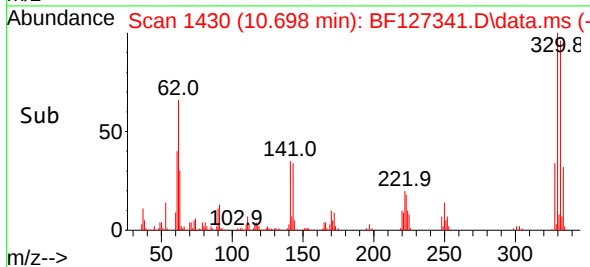
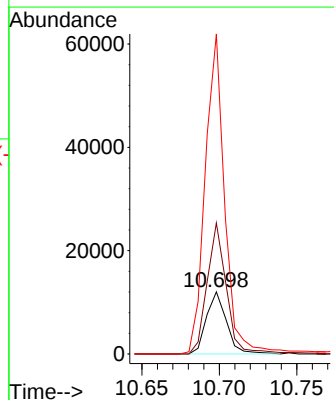
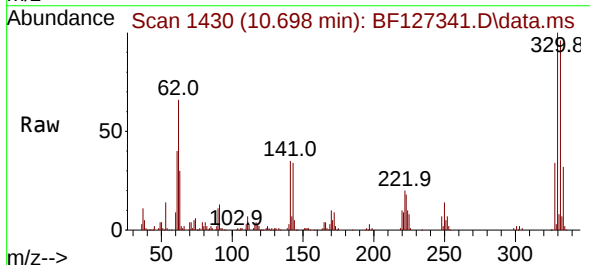
Instrument :
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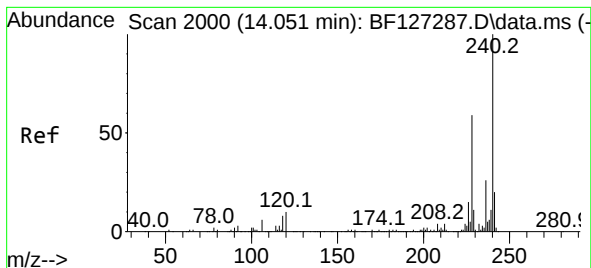
Tgt Ion:188 Resp: 400927
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.4 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 2.244 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127341.D
Acq: 15 Mar 2022 23:35

Tgt Ion:248 Resp: 10845
Ion Ratio Lower Upper
248 100
250 211.0 76.2 114.4#
141 515.5 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: BF127341.D

Acq: 15 Mar 2022 23:35

Instrument :

BNA_F

ClientSampleId :

COMP-6

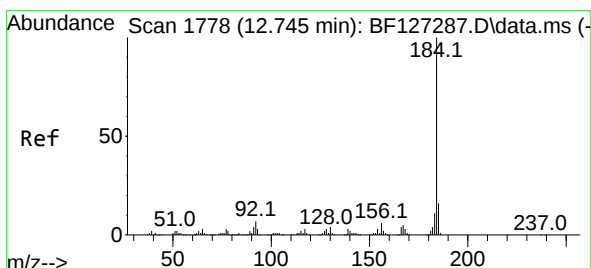
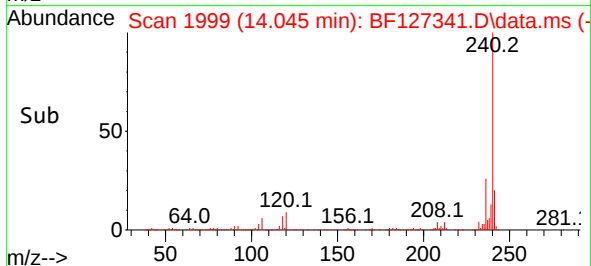
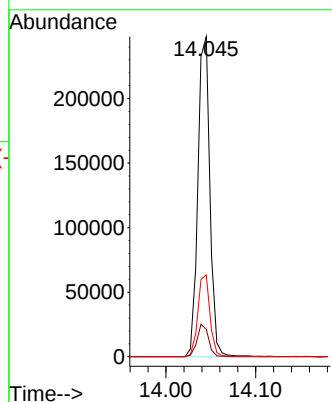
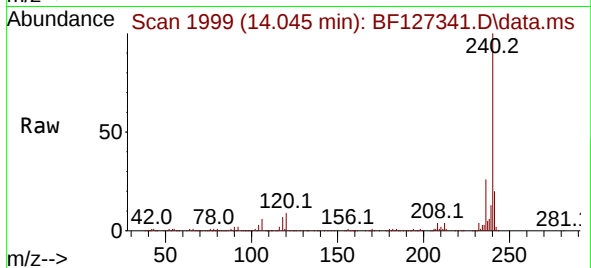
Tgt Ion:240 Resp: 230395

Ion Ratio Lower Upper

240 100

120 8.5 14.4 21.6#

236 25.6 20.5 30.7



#77

Benzidine

Concen: 2.193 ng

RT: 12.986 min Scan# 1819

Delta R.T. 0.241 min

Lab File: BF127341.D

Acq: 15 Mar 2022 23:35

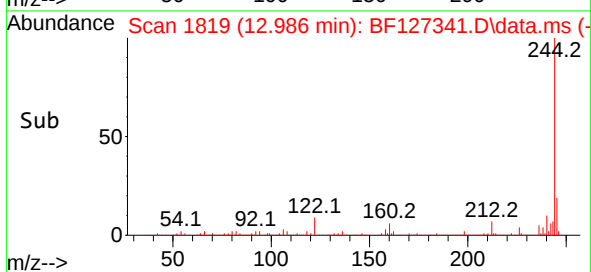
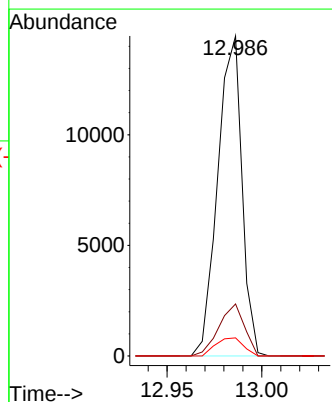
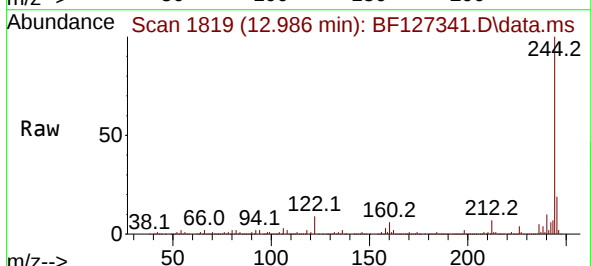
Tgt Ion:184 Resp: 12851

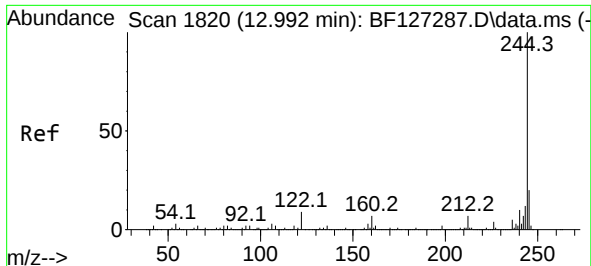
Ion Ratio Lower Upper

184 100

185 16.3 11.8 17.8

183 5.7 8.2 12.2#

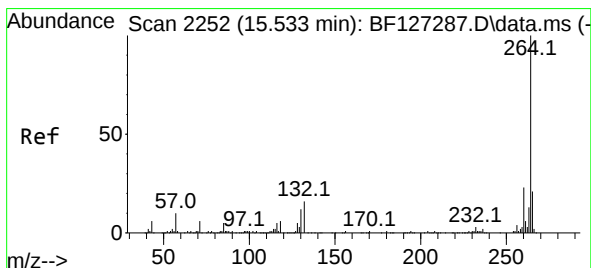
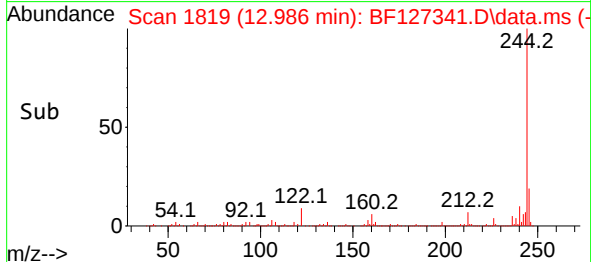
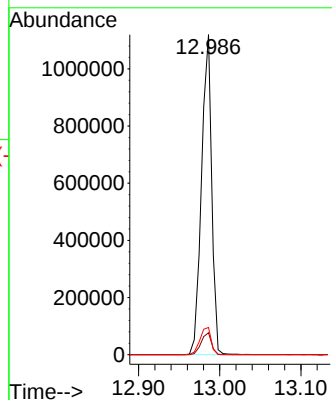
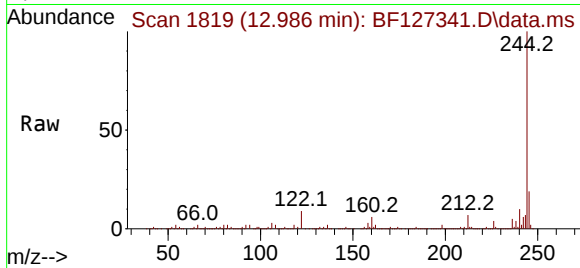




#79
 Terphenyl-d14
 Concen: 73.128 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127341.D
 Acq: 15 Mar 2022 23:35

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

Tgt Ion:244 Resp: 978446
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 8.5 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: BF127341.D
 Acq: 15 Mar 2022 23:35

Tgt Ion:264 Resp: 218903
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.4 17.4 26.2

