

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127296.D
 Acq On : 11 Mar 2022 11:22
 Operator : CG\JU
 Sample : PB143161BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143161BL

Quant Time: Mar 11 12:37:52 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)

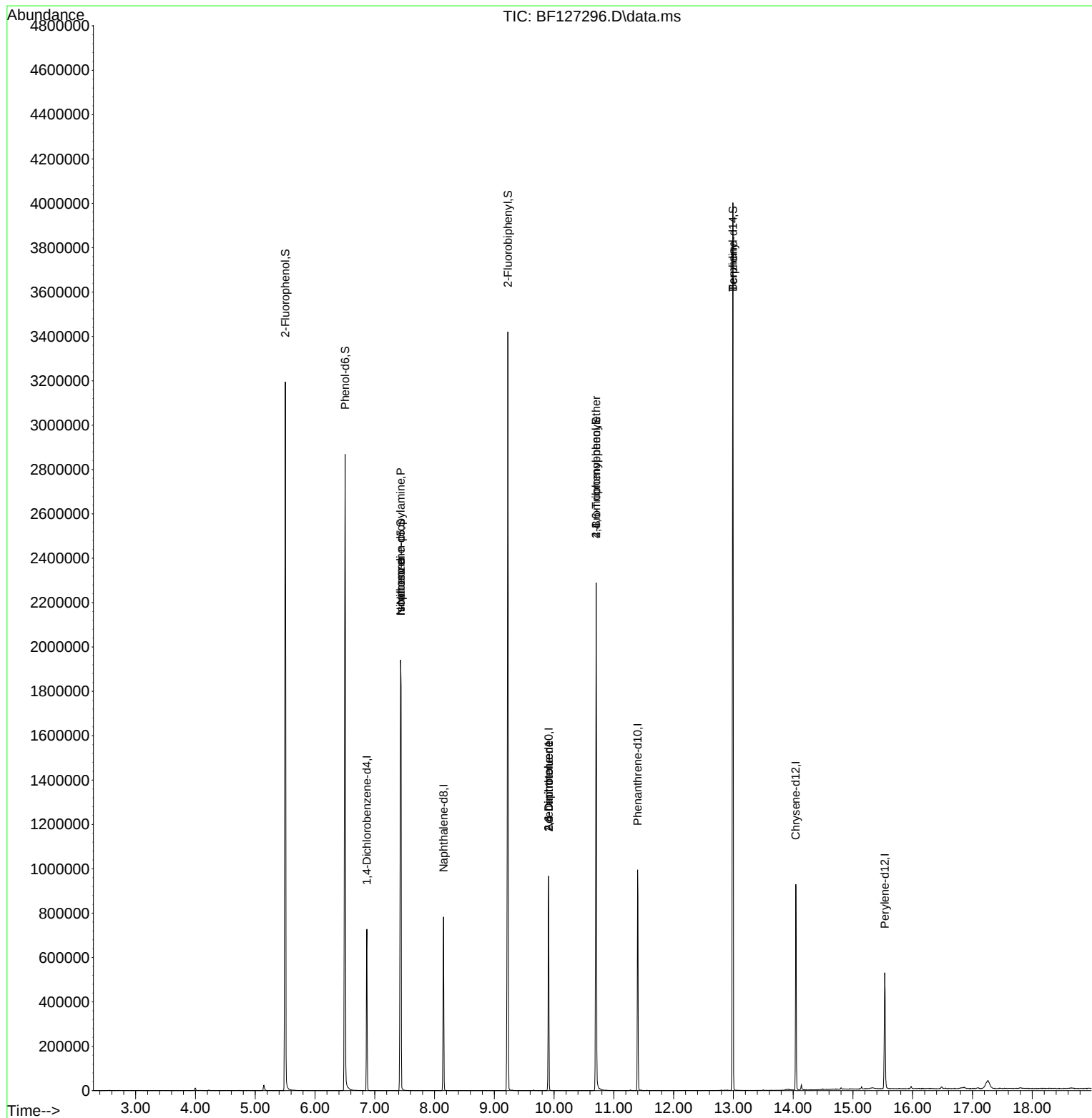
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	102731	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	322771	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	199989	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	363970	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	309061	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	239632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	812001	127.064	ng	0.01
7) Phenol-d6	6.504	99	1090617	124.059	ng	0.00
23) Nitrobenzene-d5	7.434	82	766076	98.018	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	280319	130.207	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1177159	83.217	ng	0.00
79) Terphenyl-d14	12.992	244	1484515	82.710	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1729	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	106520	19.417	ng	# 85
25) Isophorone	7.434	82	766067	60.957	ng	# 69
51) 2,6-Dinitrotoluene	9.910	165	25477	8.789	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	25477	6.680	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	18826	4.291	ng	# 1
77) Benzydine	12.992	184	19672	2.503	ng	# 95

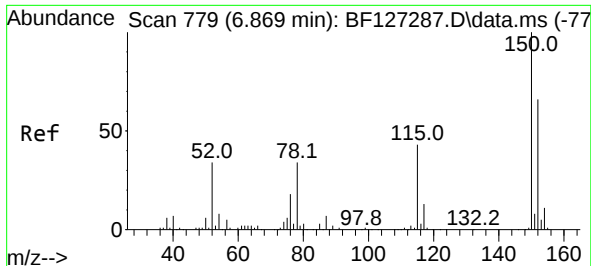
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
Data File : BF127296.D
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
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PB143161BL

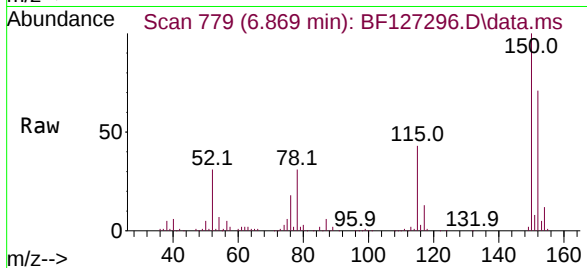
Quant Time: Mar 11 12:37:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration



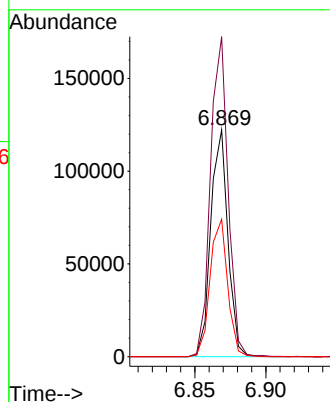
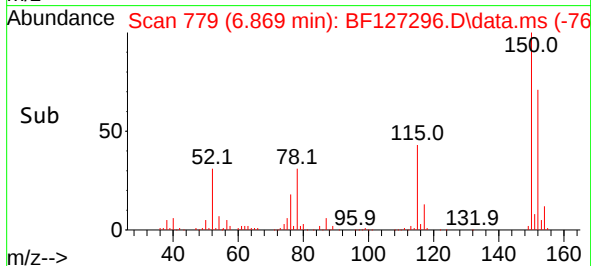


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

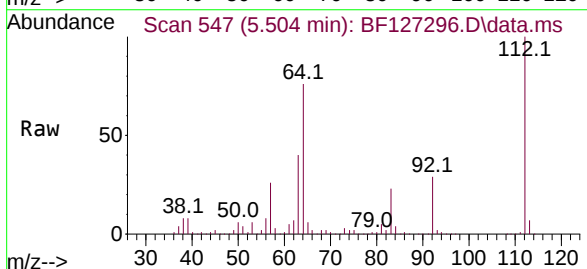
Instrument :
BNA_F
ClientSampleId :
PB143161BL



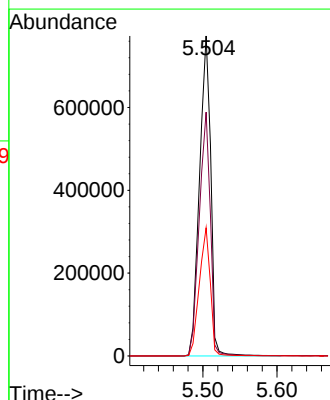
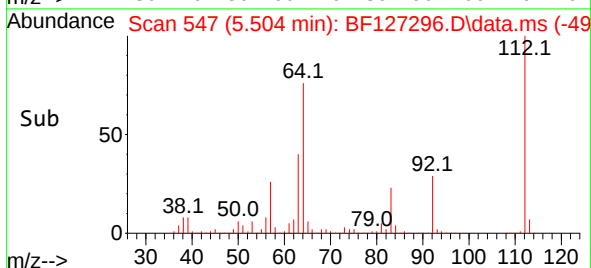
Tgt Ion:152 Resp: 102731
Ion Ratio Lower Upper
152 100
150 141.1 128.1 192.1
115 60.6 56.7 85.1

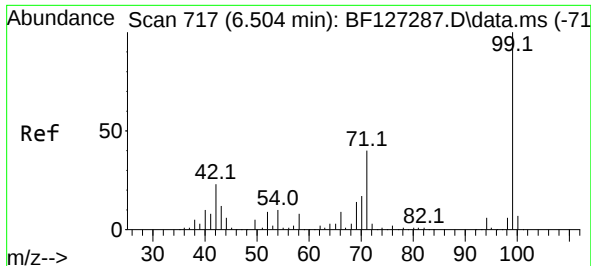


#5
2-Fluorophenol
Concen: 127.064 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.012 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22



Tgt Ion:112 Resp: 812001
Ion Ratio Lower Upper
112 100
64 76.2 49.5 74.3#
63 40.0 23.9 35.9#

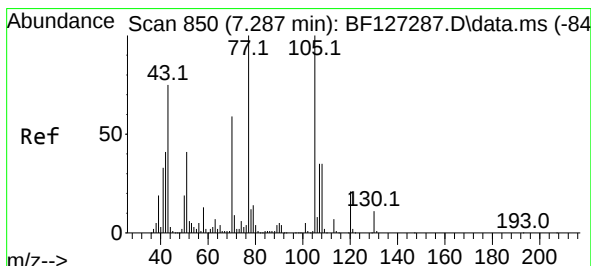
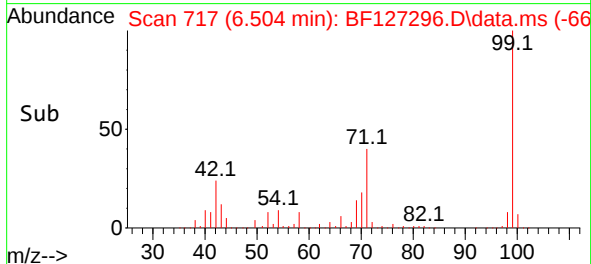
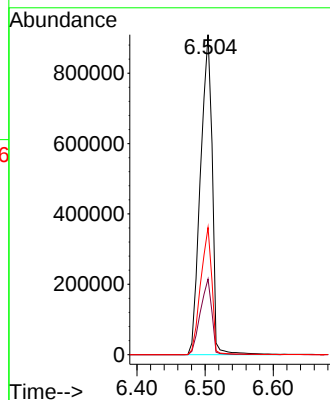
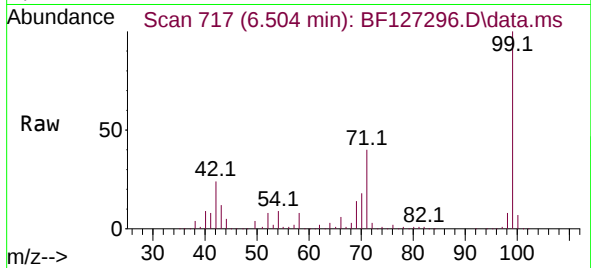




#7
Phenol-d6
Concen: 124.059 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

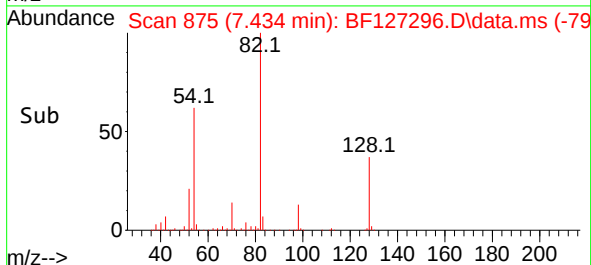
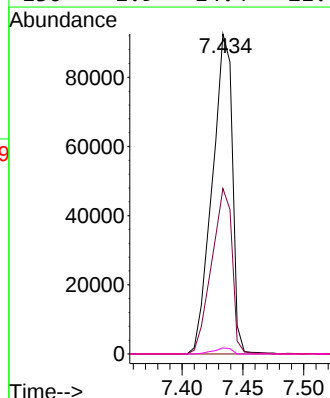
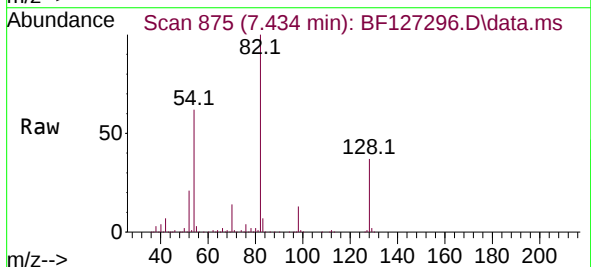
Instrument :
BNA_F
ClientSampleId :
PB143161BL

Tgt Ion: 99 Resp: 1090617
Ion Ratio Lower Upper
99 100
42 23.6 14.2 21.4#
71 39.8 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 19.417 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

Tgt Ion: 70 Resp: 106520
Ion Ratio Lower Upper
70 100
42 51.7 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

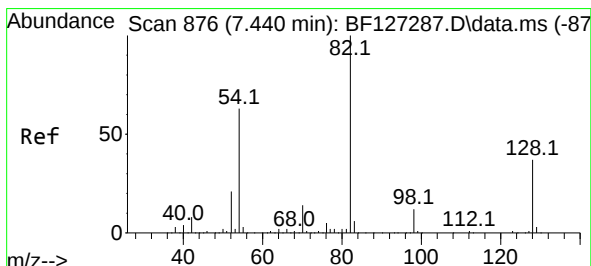
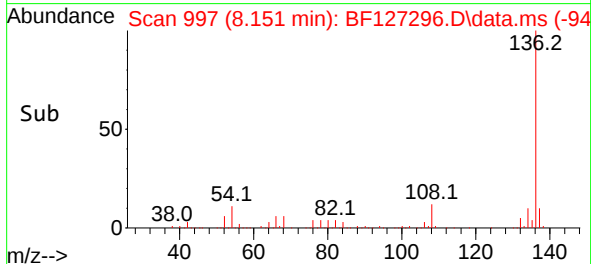
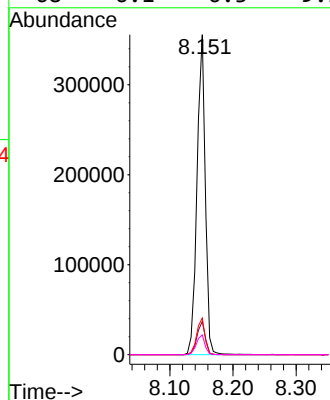
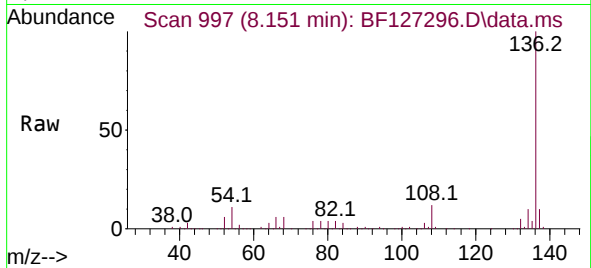




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

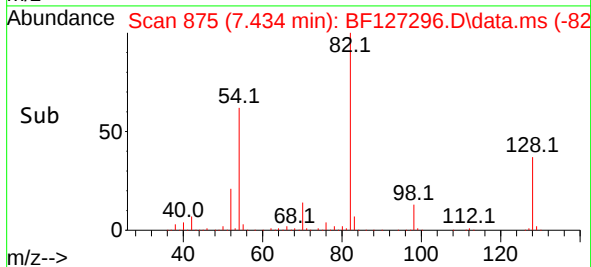
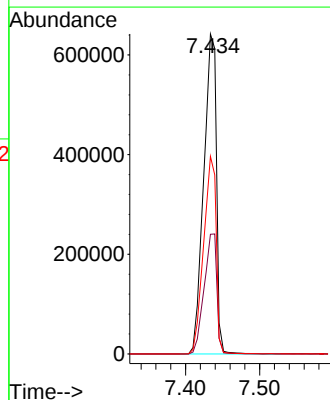
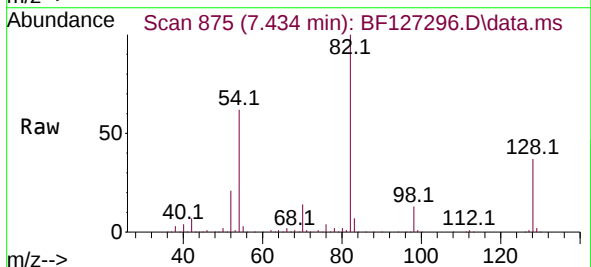
Instrument :
BNA_F
ClientSampleId :
PB143161BL

Tgt Ion:136 Resp: 322771
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 11.4 7.8 11.6
68 6.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 98.018 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

Tgt Ion: 82 Resp: 766076
Ion Ratio Lower Upper
82 100
128 37.4 32.7 49.1
54 61.7 41.7 62.5

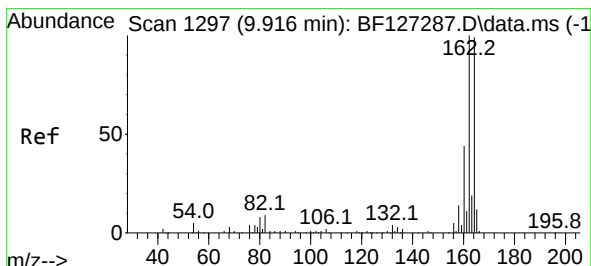
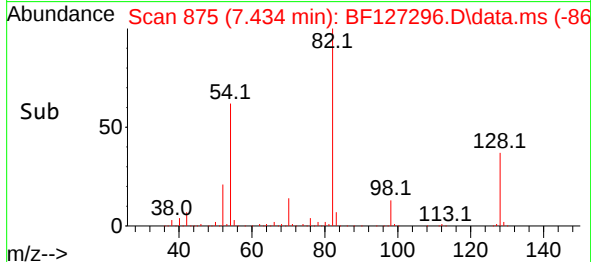
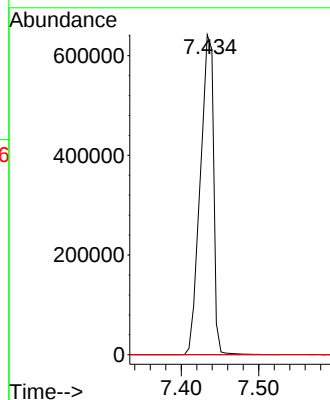
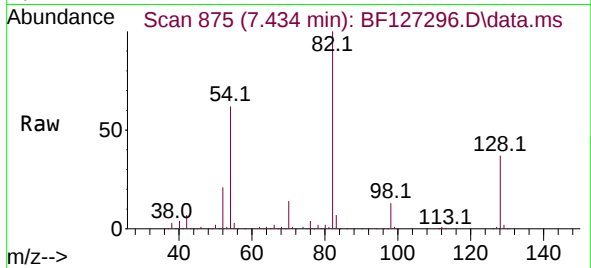




#25
Isophorone
Concen: 60.957 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

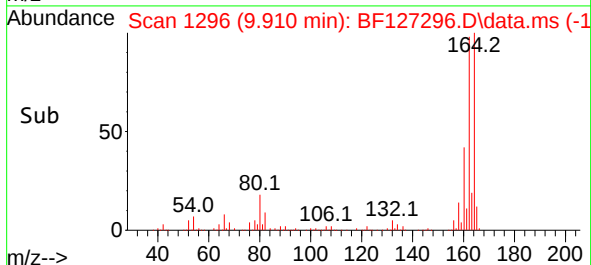
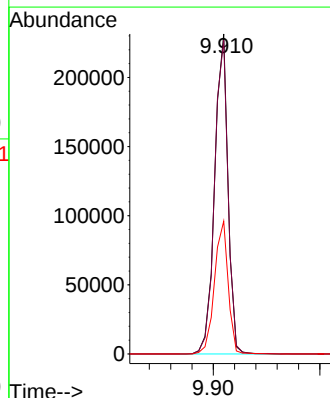
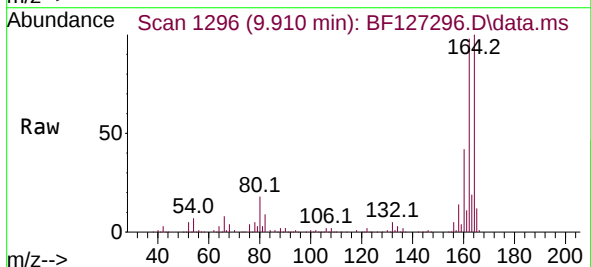
Instrument :
BNA_F
ClientSampleId :
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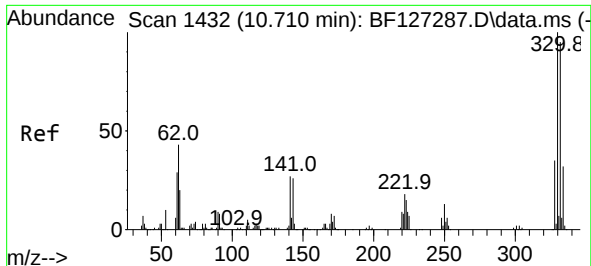
Tgt Ion: 82 Resp: 766067
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

Tgt Ion:164 Resp: 199989
Ion Ratio Lower Upper
164 100
162 98.0 81.4 122.0
160 41.5 36.6 54.8

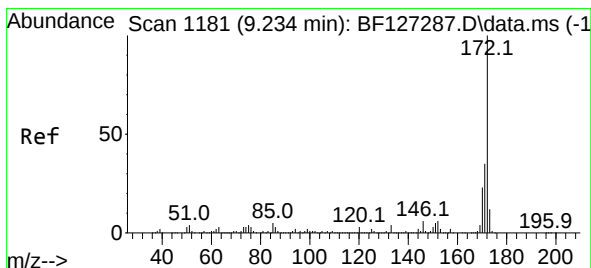
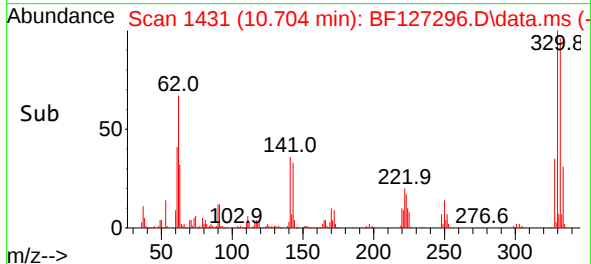
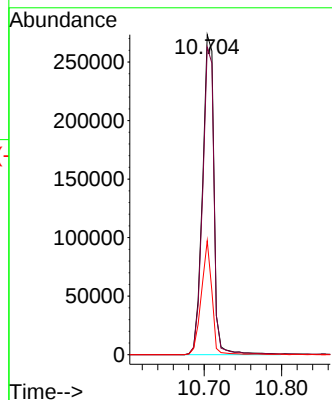
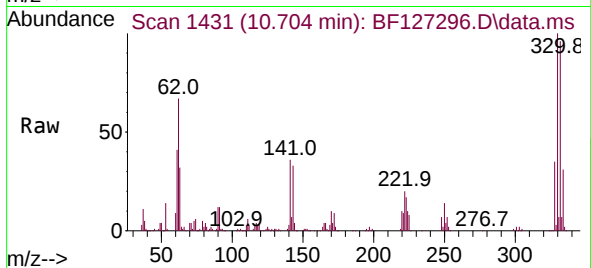




#42
2,4,6-Tribromophenol
Concen: 130.207 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

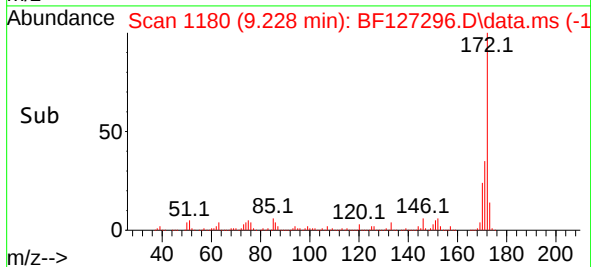
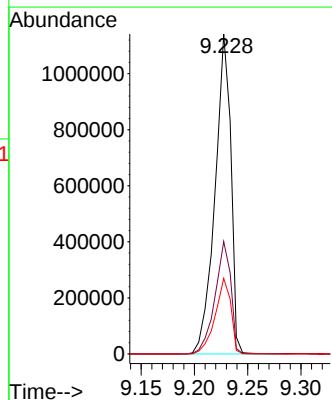
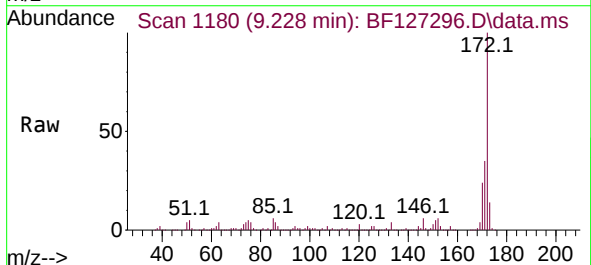
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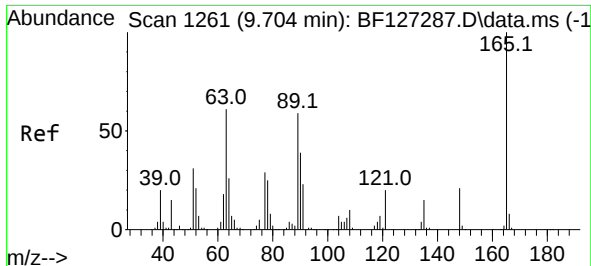
Tgt Ion:330 Resp: 280319
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 32.6 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 83.217 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

Tgt Ion:172 Resp: 1177159
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.6 19.0 28.6

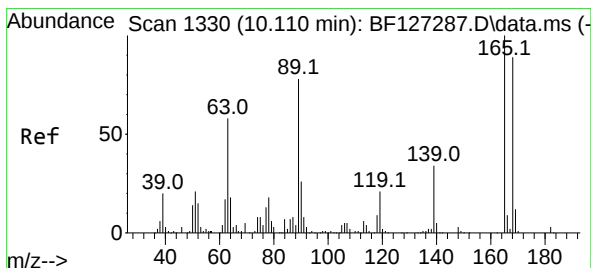
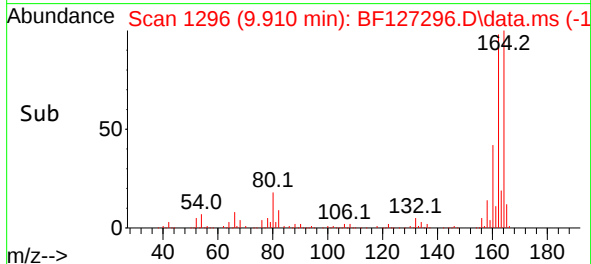
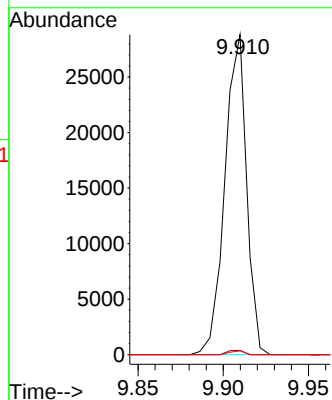
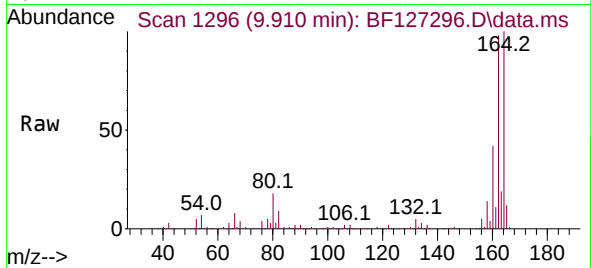




#51
2,6-Dinitrotoluene
Concen: 8.789 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

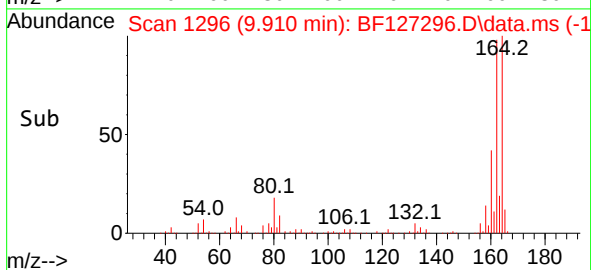
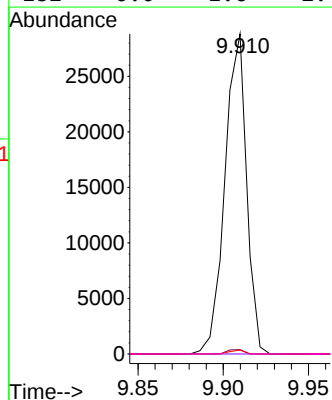
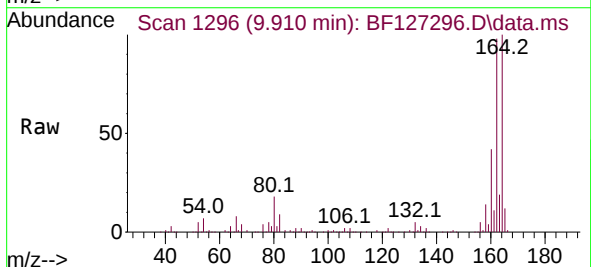
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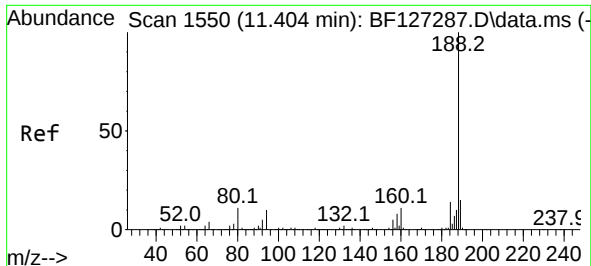
Tgt Ion:165 Resp: 25477
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.2 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.680 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

Tgt Ion:165 Resp: 25477
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#

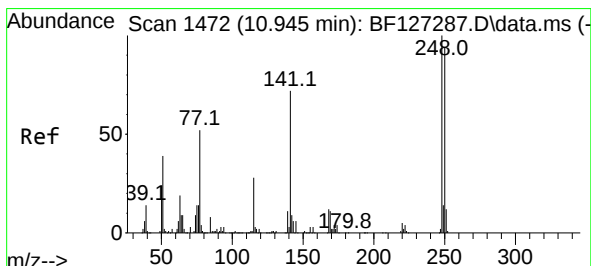
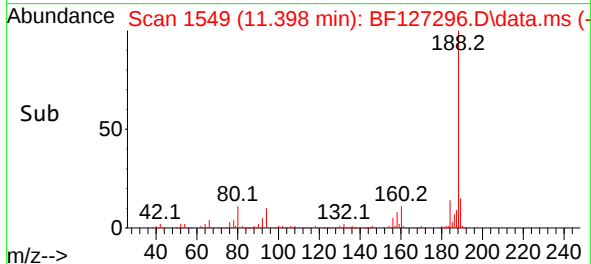
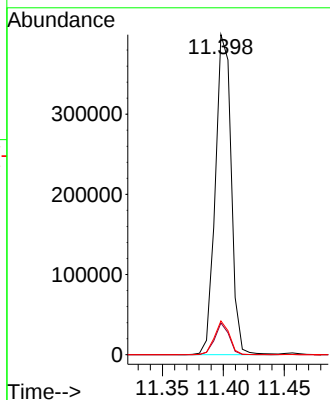
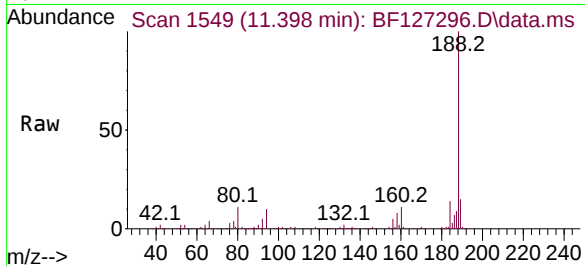




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

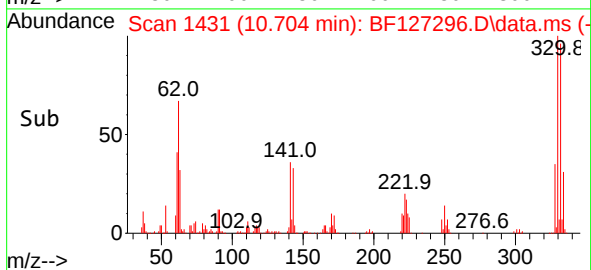
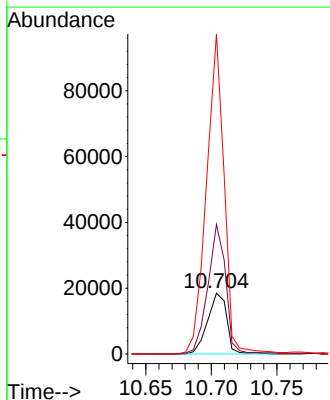
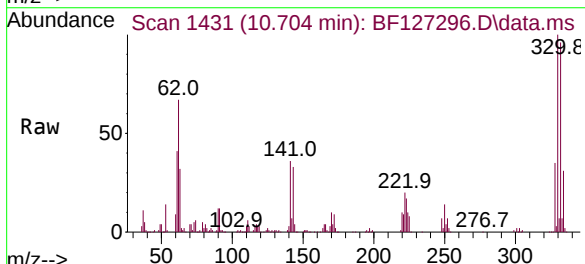
Instrument :
BNA_F
ClientSampleId :
PB143161BL

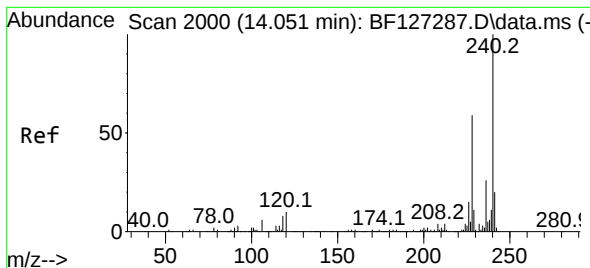
Tgt Ion:188 Resp: 363970
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1#
80 10.5 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.291 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF127296.D
Acq: 11 Mar 2022 11:22

Tgt Ion:248 Resp: 18826
Ion Ratio Lower Upper
248 100
250 213.3 76.2 114.4#
141 526.5 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF127296.D

Acq: 11 Mar 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB143161BL

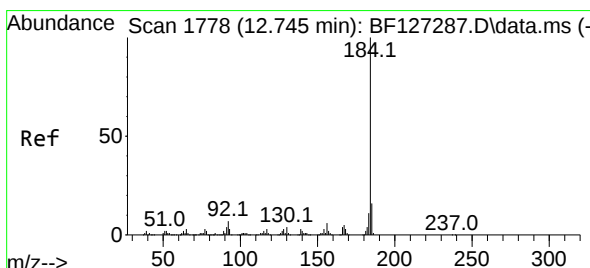
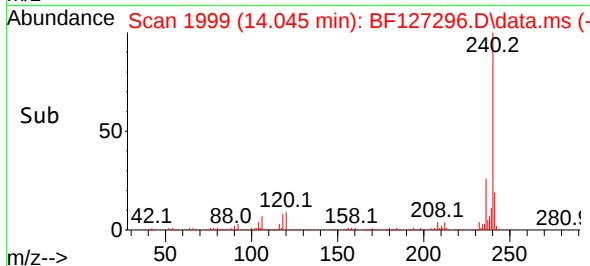
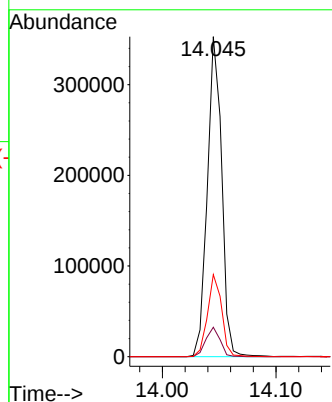
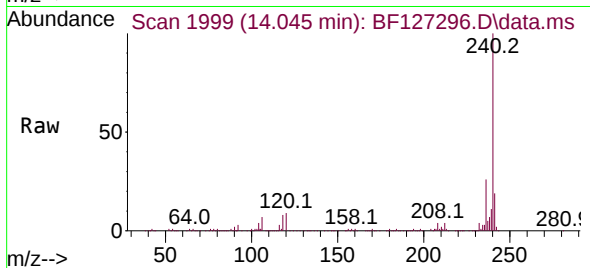
Tgt Ion:240 Resp: 309061

Ion Ratio Lower Upper

240 100

120 9.2 14.4 21.6#

236 25.7 20.5 30.7



#77

Benidine

Concen: 2.503 ng

RT: 12.992 min Scan# 1820

Delta R.T. 0.247 min

Lab File: BF127296.D

Acq: 11 Mar 2022 11:22

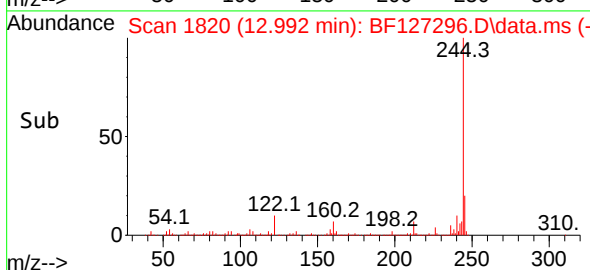
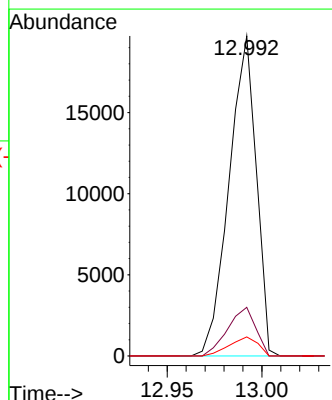
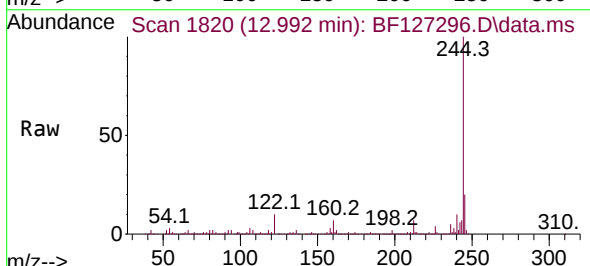
Tgt Ion:184 Resp: 19672

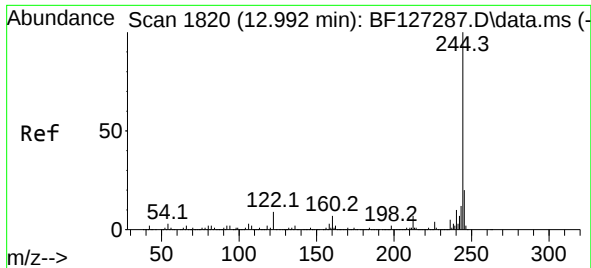
Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.8

183 6.0 8.2 12.2#

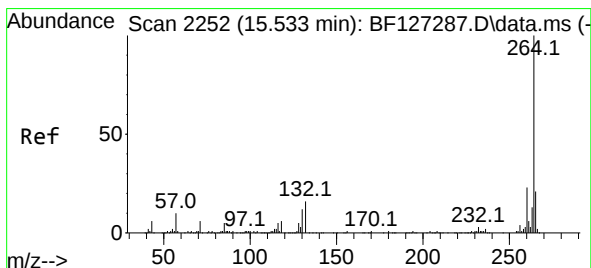
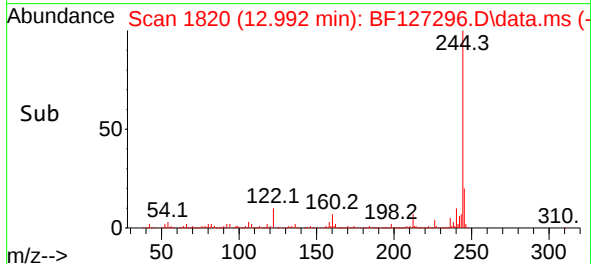
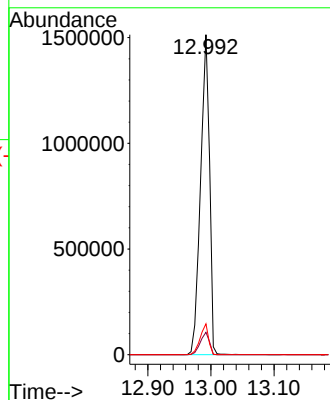
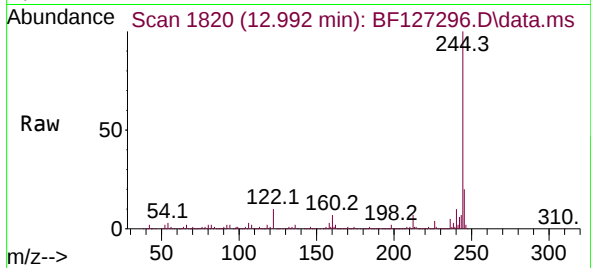




#79
 Terphenyl-d14
 Concen: 82.710 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127296.D
 Acq: 11 Mar 2022 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB143161BL

Tgt Ion:244 Resp: 1484515
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 9.7 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.000 min
 Lab File: BF127296.D
 Acq: 11 Mar 2022 11:22

Tgt Ion:264 Resp: 239632
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 21.0 17.4 26.2

