

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127387.D
 Acq On : 17 Mar 2022 20:39
 Operator : CG\JU
 Sample : N1993-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-03162022

Quant Time: Mar 18 04:40:49 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)

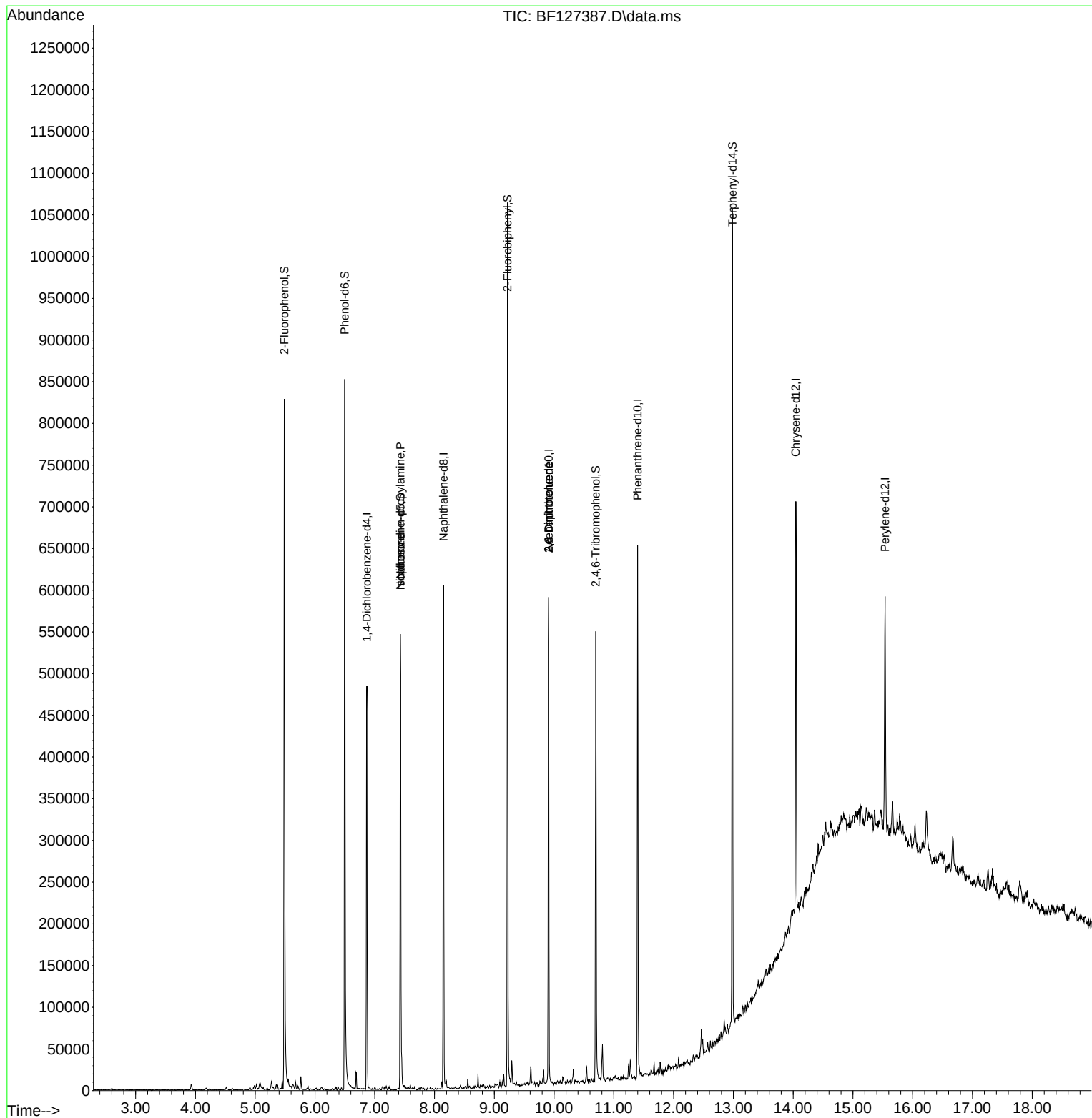
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	69836	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	227469	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	118731	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	213955	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	178143	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	127547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	201046	46.279	ng	0.00
7) Phenol-d6	6.498	99	258952	43.331	ng	0.00
23) Nitrobenzene-d5	7.428	82	171166	31.076	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	55203	43.190	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	293577	34.958	ng	-0.01
79) Terphenyl-d14	12.986	244	348885	33.724	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	447	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	23111	6.197 ng	#	88
25) Isophorone	7.428	82	171166	19.326 ng	#	69
51) 2,6-Dinitrotoluene	9.910	165	15471	8.990 ng	#	21
57) 2,4-Dinitrotoluene	9.910	165	15471	6.833 ng	#	15

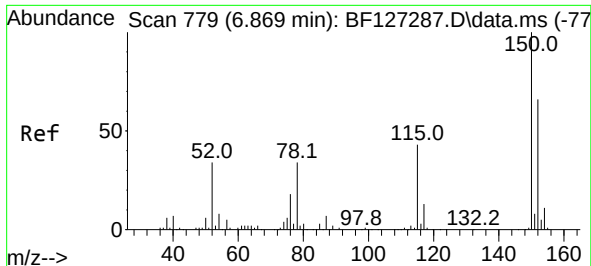
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 10 16:51:53 2022
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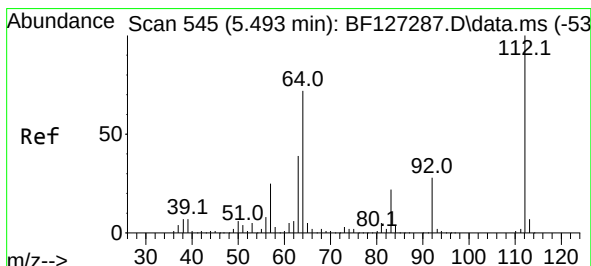
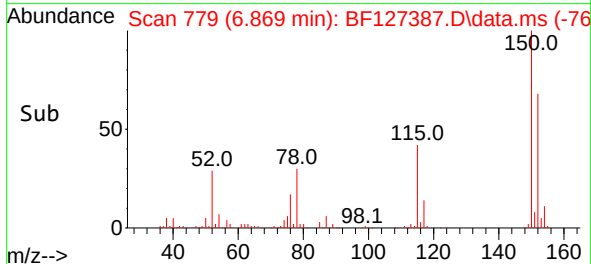
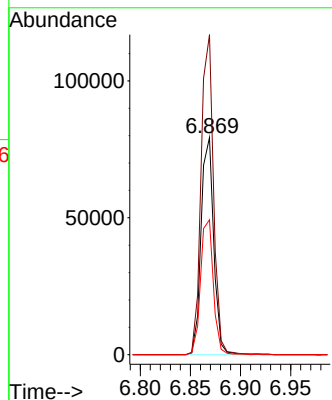
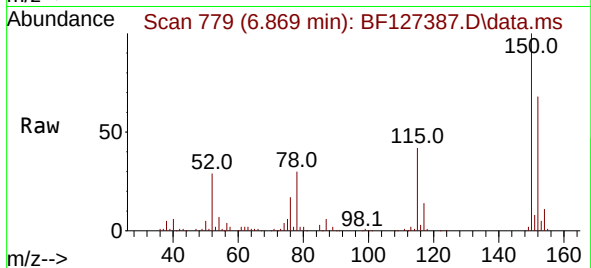




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF127387.D
Acq: 17 Mar 2022 20:39

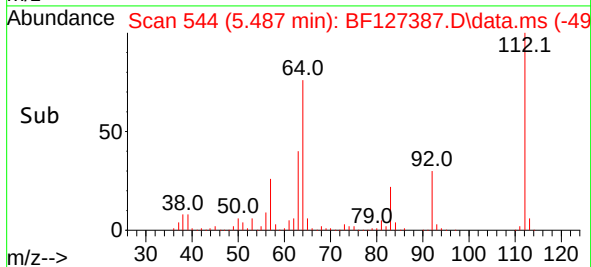
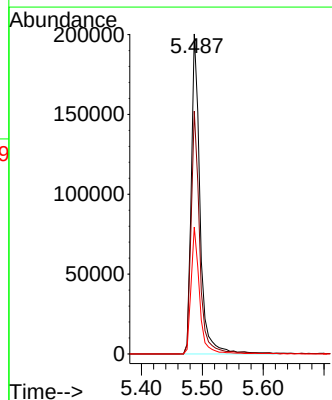
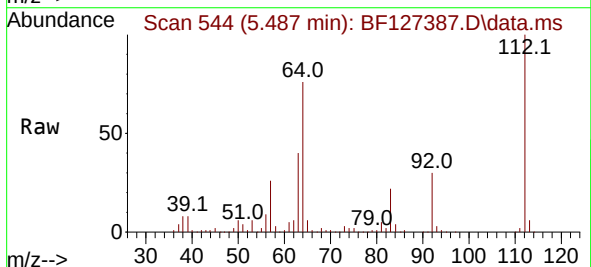
Instrument :
BNA_F
ClientSampleId :
TR-04-03162022

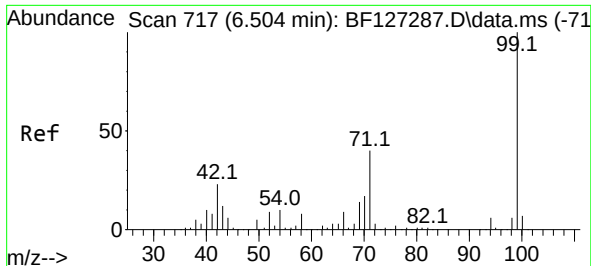
Tgt Ion:152 Resp: 69836
Ion Ratio Lower Upper
152 100
150 147.4 128.1 192.1
115 62.2 56.7 85.1



#5
2-Fluorophenol
Concen: 46.279 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF127387.D
Acq: 17 Mar 2022 20:39

Tgt Ion:112 Resp: 201046
Ion Ratio Lower Upper
112 100
64 75.9 49.5 74.3#
63 39.7 23.9 35.9#





#7

Phenol-d6

Concen: 43.331 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127387.D

Acq: 17 Mar 2022 20:39

Instrument :

BNA_F

ClientSampleId :

TR-04-03162022

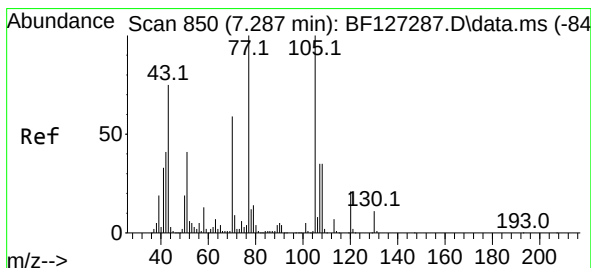
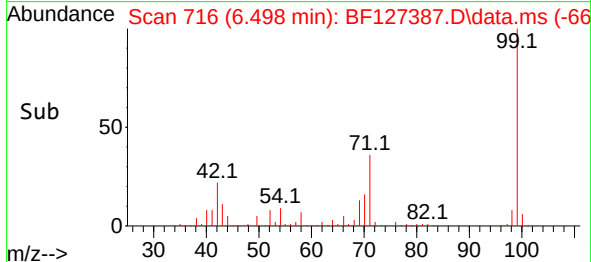
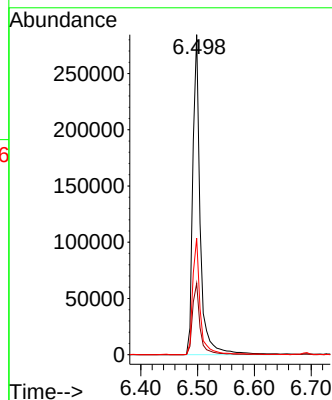
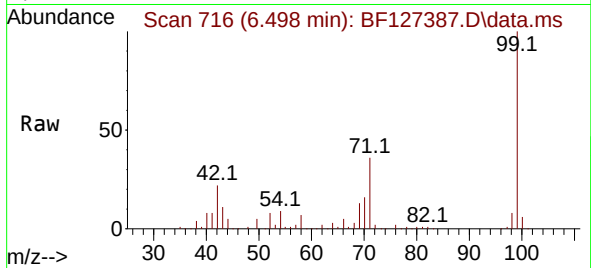
Tgt Ion: 99 Resp: 258952

Ion Ratio Lower Upper

99 100

42 22.3 14.2 21.4#

71 36.4 24.3 36.5



#19

n-Nitroso-di-n-propylamine

Concen: 6.197 ng

RT: 7.428 min Scan# 874

Delta R.T. 0.141 min

Lab File: BF127387.D

Acq: 17 Mar 2022 20:39

Tgt Ion: 70 Resp: 23111

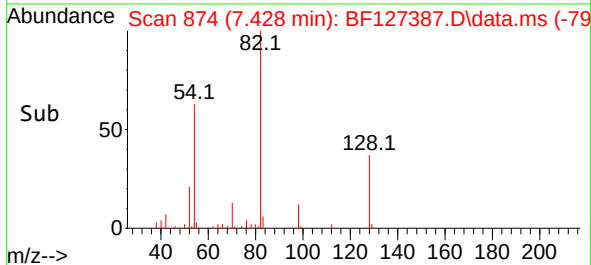
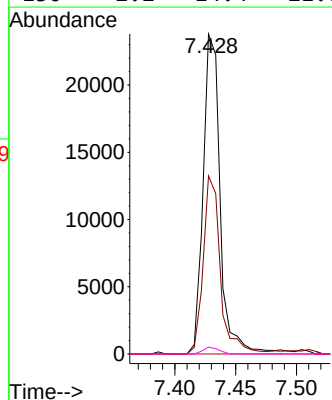
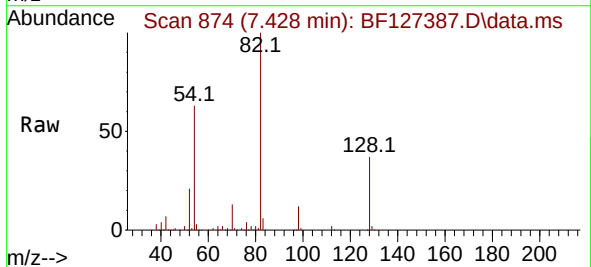
Ion Ratio Lower Upper

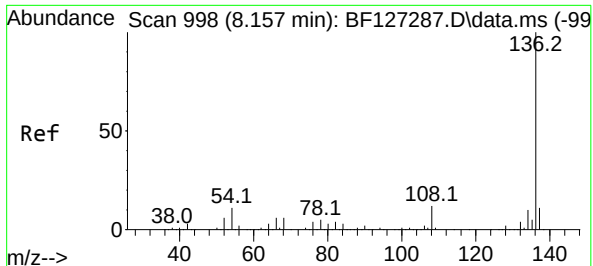
70 100

42 55.7 45.8 68.8

101 0.0 6.9 10.3#

130 2.2 14.4 21.6#



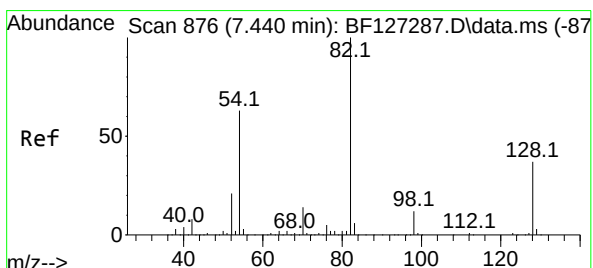
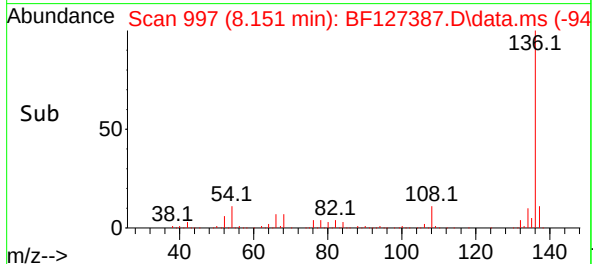
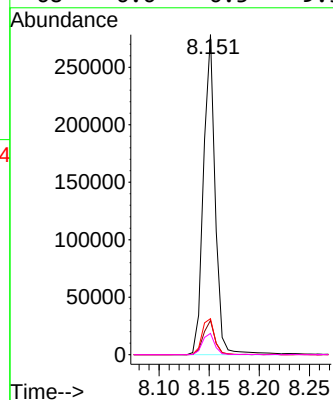
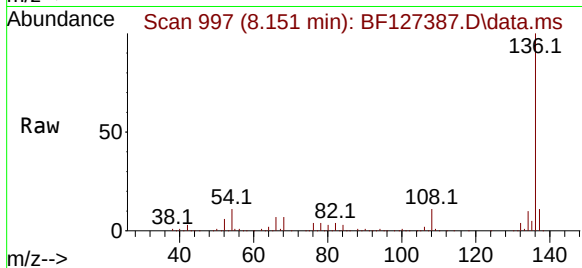


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127387.D
Acq: 17 Mar 2022 20:39

Instrument :
BNA_F
ClientSampleId :
TR-04-03162022

Tgt Ion:136 Resp: 227469

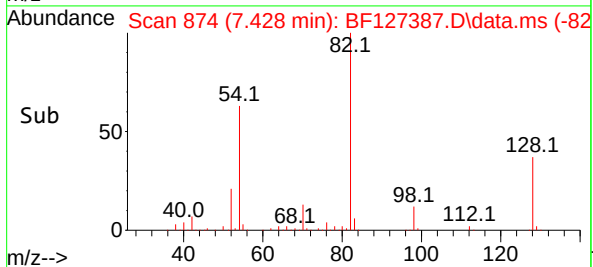
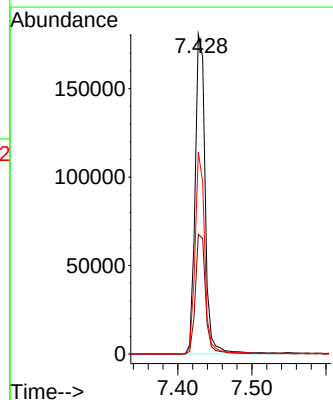
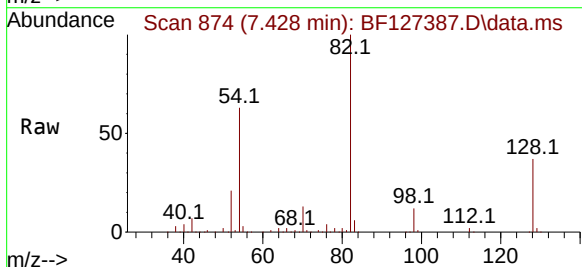
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	11.2	7.8	11.6
68	6.6	6.3	9.5

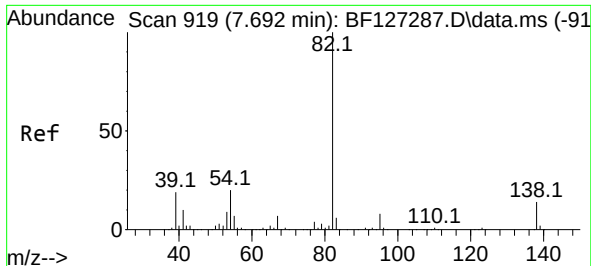


#23
Nitrobenzene-d5
Concen: 31.076 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.012 min
Lab File: BF127387.D
Acq: 17 Mar 2022 20:39

Tgt Ion: 82 Resp: 171166

Ion	Ratio	Lower	Upper
82	100		
128	37.4	32.7	49.1
54	63.1	41.7	62.5

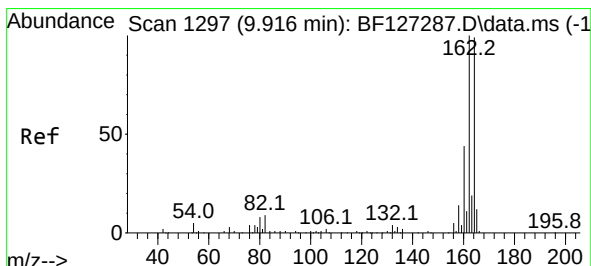
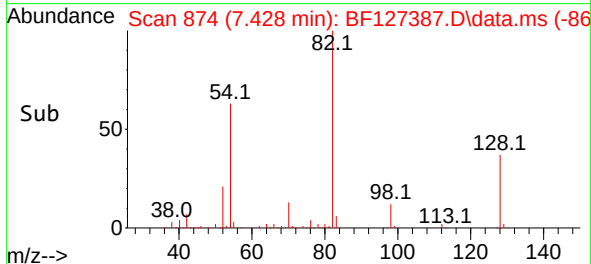
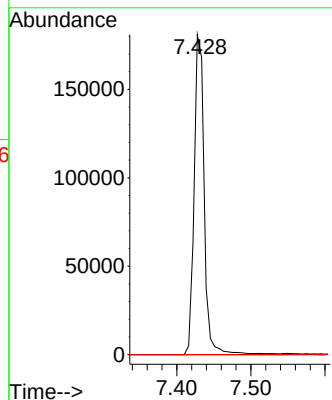
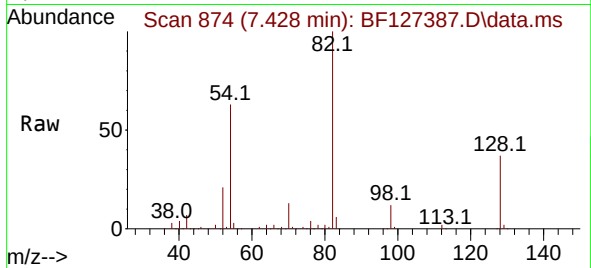




#25
Isophorone
Concen: 19.326 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127387.D
Acq: 17 Mar 2022 20:39

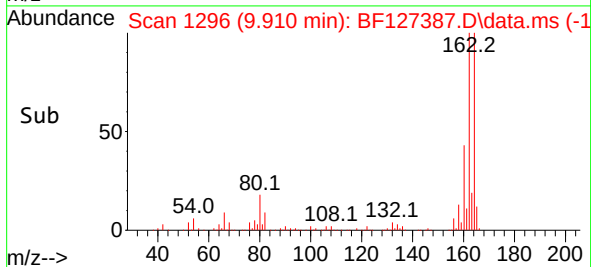
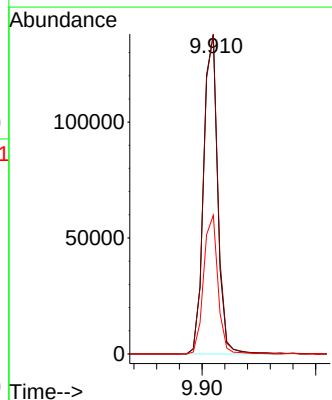
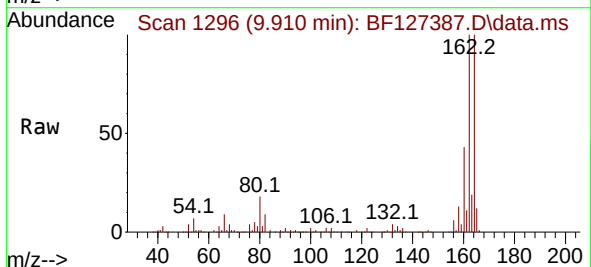
Instrument :
BNA_F
ClientSampleId :
TR-04-03162022

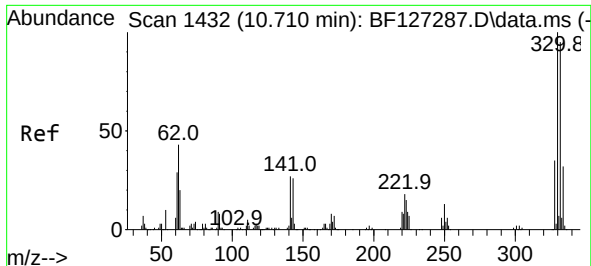
Tgt Ion: 82 Resp: 171166
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF127387.D
Acq: 17 Mar 2022 20:39

Tgt Ion:164 Resp: 118731
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 43.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 43.190 ng

RT: 10.698 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF127387.D

Acq: 17 Mar 2022 20:39

Instrument :

BNA_F

ClientSampleId :

TR-04-03162022

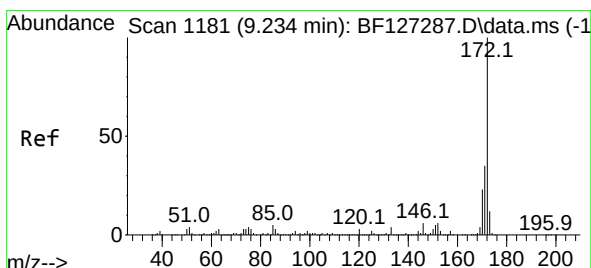
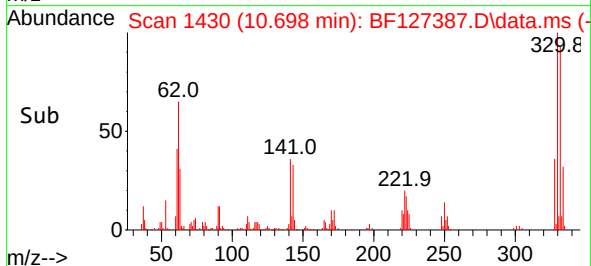
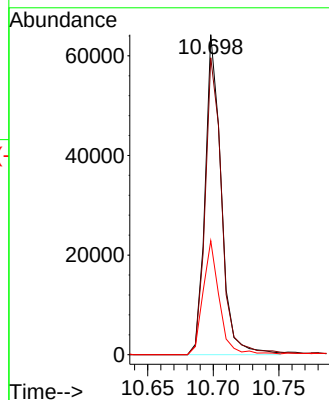
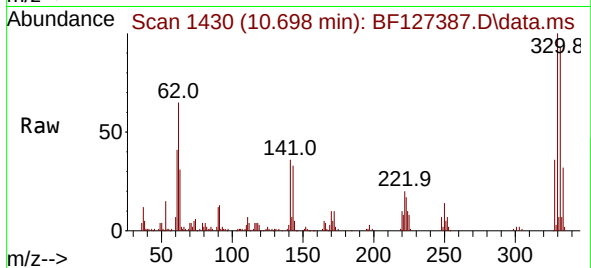
Tgt Ion:330 Resp: 55203

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

141 36.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 34.958 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127387.D

Acq: 17 Mar 2022 20:39

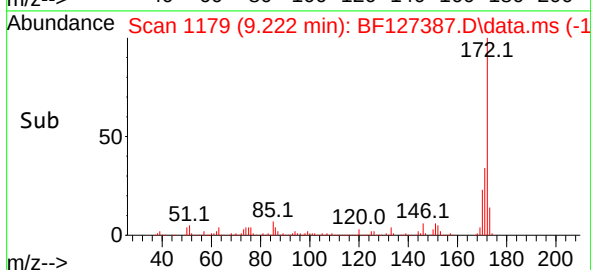
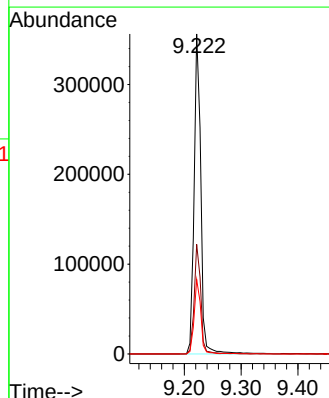
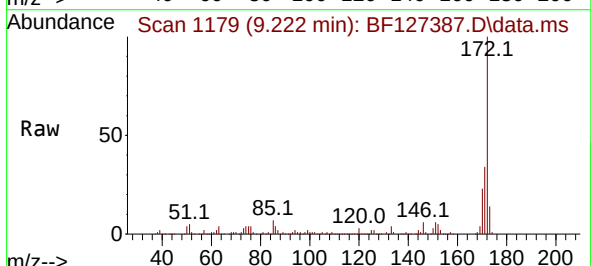
Tgt Ion:172 Resp: 293577

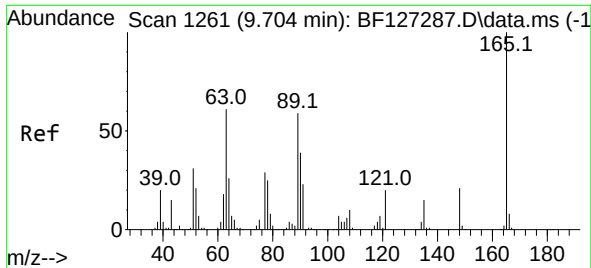
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.2 19.0 28.6

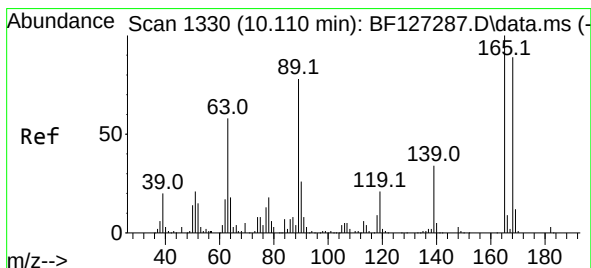
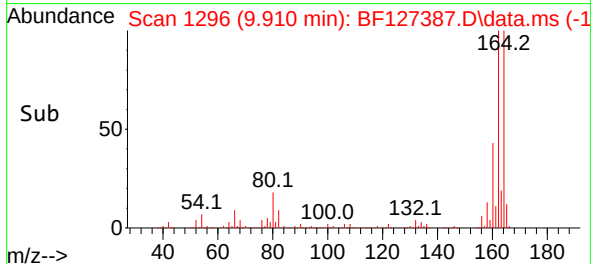
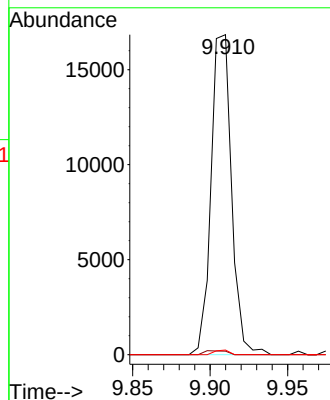
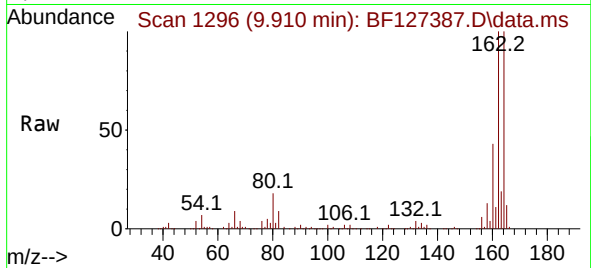




#51
2,6-Dinitrotoluene
Concen: 8.990 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF127387.D
Acq: 17 Mar 2022 20:39

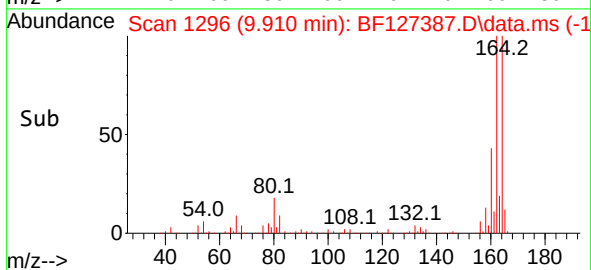
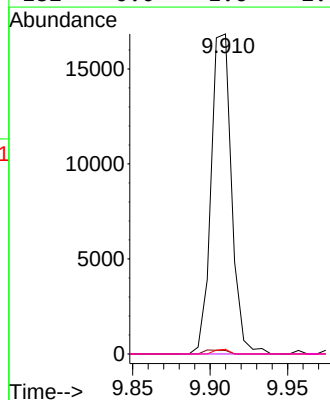
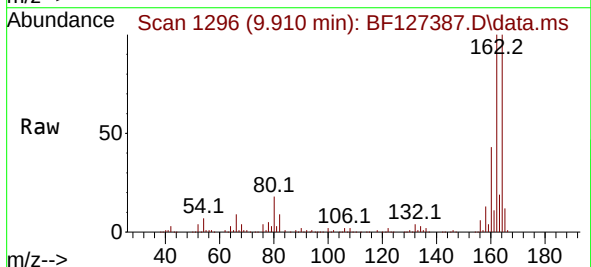
Instrument :
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TR-04-03162022

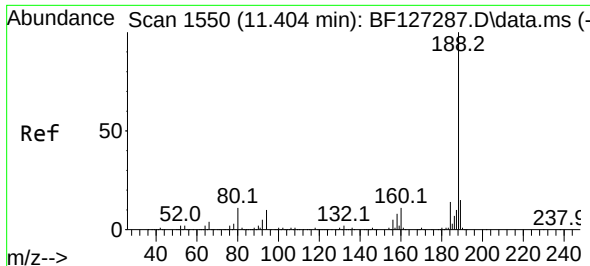
Tgt Ion:165 Resp: 15471
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.833 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF127387.D
Acq: 17 Mar 2022 20:39

Tgt Ion:165 Resp: 15471
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

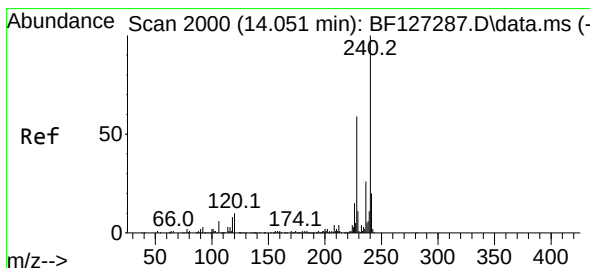
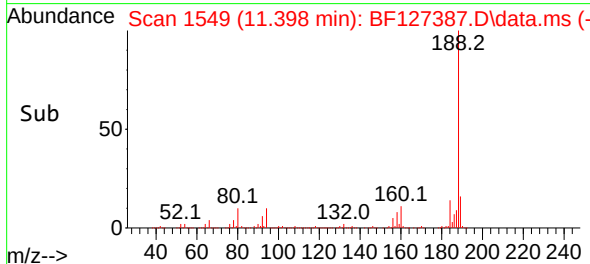
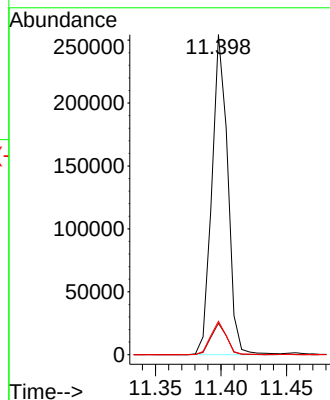
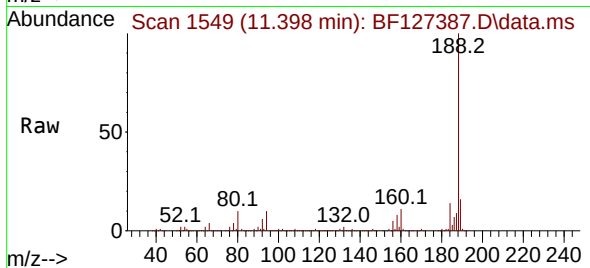




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127387.D
Acq: 17 Mar 2022 20:39

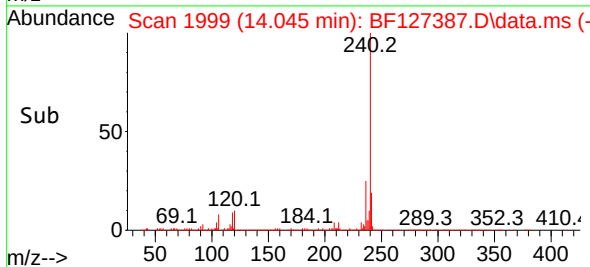
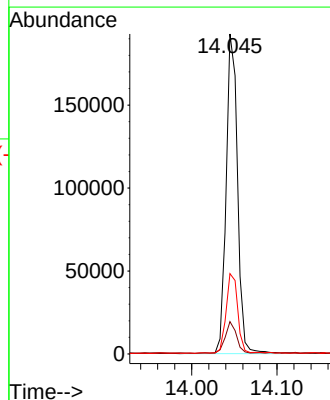
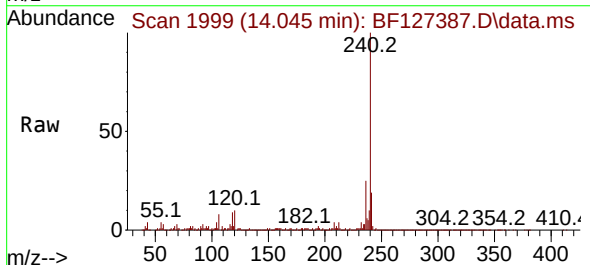
Instrument :
BNA_F
ClientSampleId :
TR-04-03162022

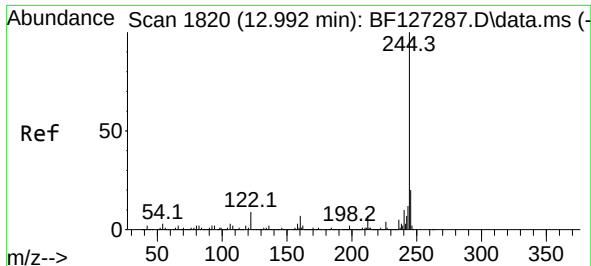
Tgt Ion:188 Resp: 213955
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 10.4 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127387.D
Acq: 17 Mar 2022 20:39

Tgt Ion:240 Resp: 178143
Ion Ratio Lower Upper
240 100
120 10.1 14.4 21.6#
236 25.1 20.5 30.7

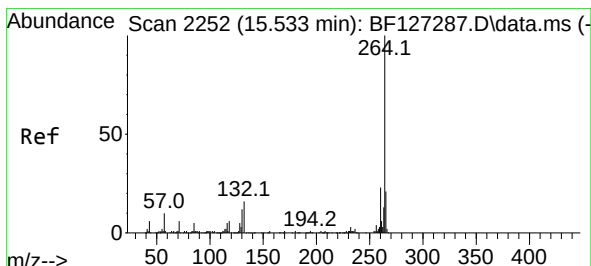
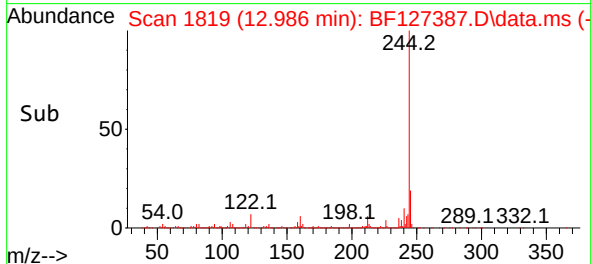
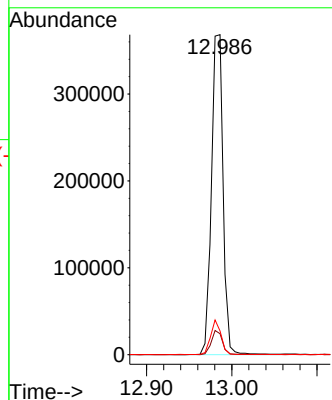
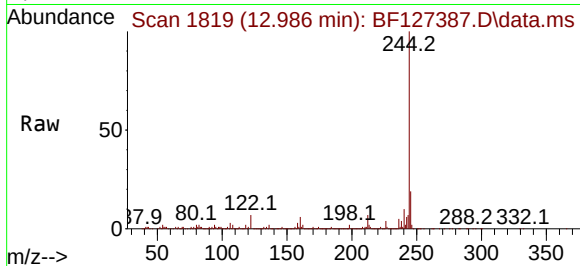




#79
 Terphenyl-d14
 Concen: 33.724 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127387.D
 Acq: 17 Mar 2022 20:39

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-03162022

Tgt Ion:244 Resp: 348885
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 7.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. 0.006 min
 Lab File: BF127387.D
 Acq: 17 Mar 2022 20:39

Tgt Ion:264 Resp: 127547
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.9 17.4 26.2

