

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126644.D
 Acq On : 24 Jan 2022 17:38
 Operator : CG/JU
 Sample : N1235-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jan 25 03:13:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

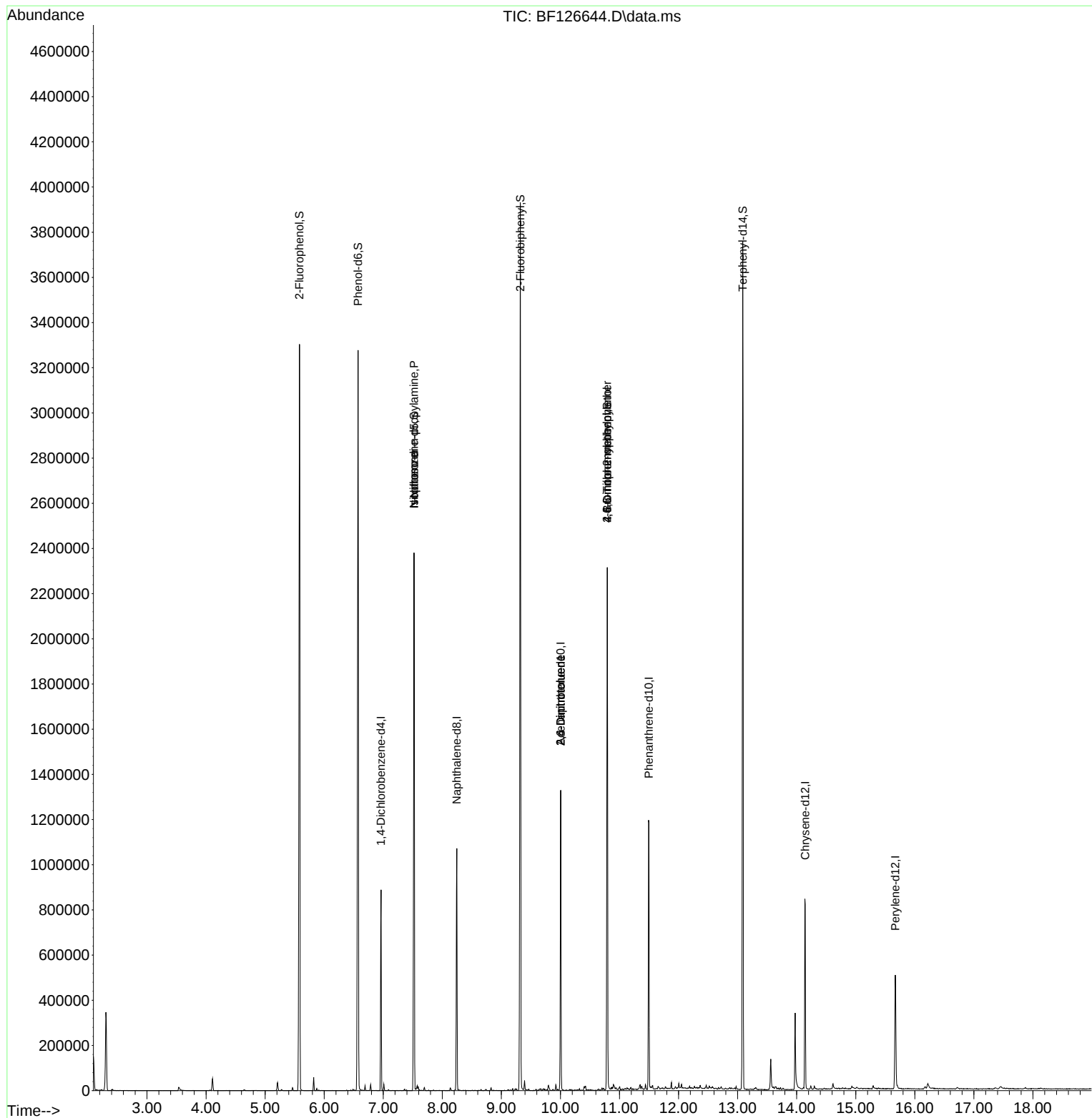
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	110371	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	427877	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	239205	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	414551	20.000	ng	0.00
76) Chrysene-d12	14.145	240	293233	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	233646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	899474	107.240	ng	0.00
7) Phenol-d6	6.575	99	1228953	105.458	ng	0.00
23) Nitrobenzene-d5	7.522	82	909566	83.205	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	224357	100.223	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1130225	72.362	ng	0.00
79) Terphenyl-d14	13.086	244	1247459	71.353	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	556	Below Cal	#	50
19) n-Nitroso-di-n-propyla...	7.522	70	126091	14.825	ng	# 69
25) Isophorone	7.522	82	909555	42.903	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	29640	10.110	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	29640	8.343	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.792	198	653	7.651	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	15122	3.165	ng	# 1

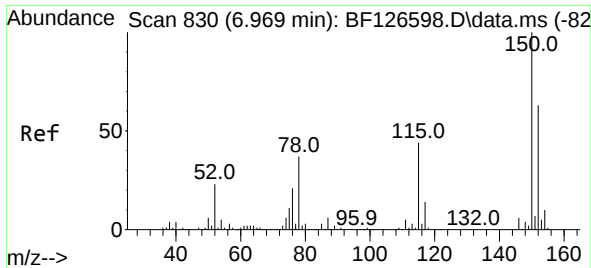
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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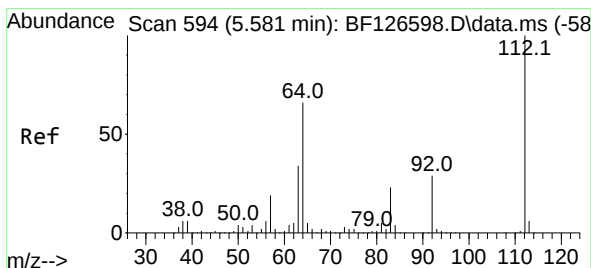
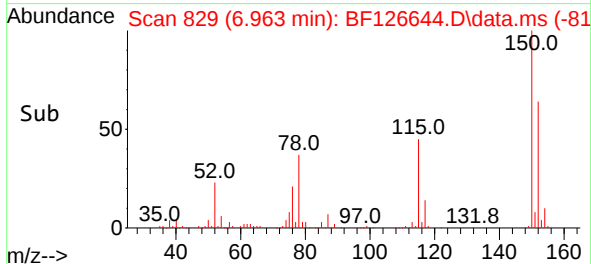
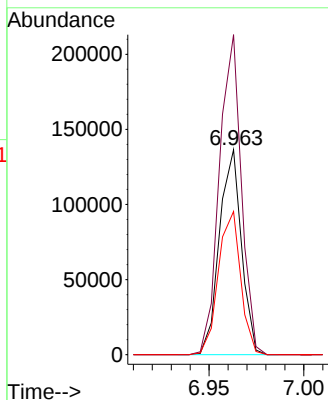
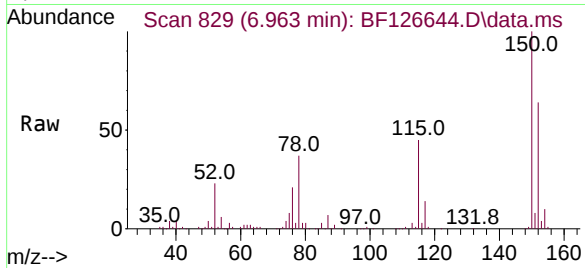




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

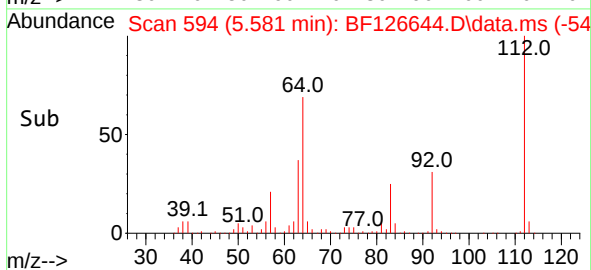
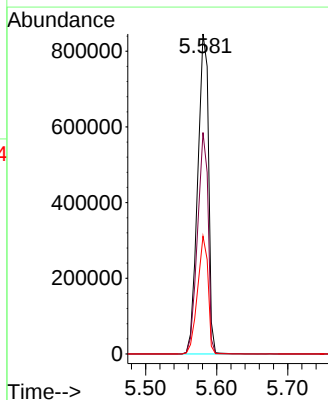
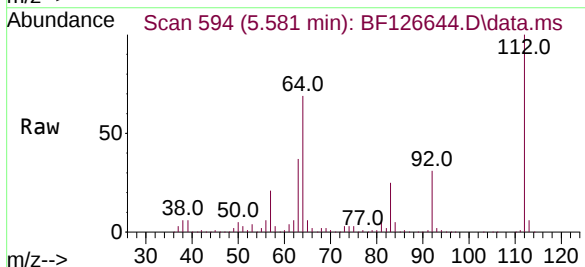
Instrument :
BNA_F
ClientSampleId :
TP-2

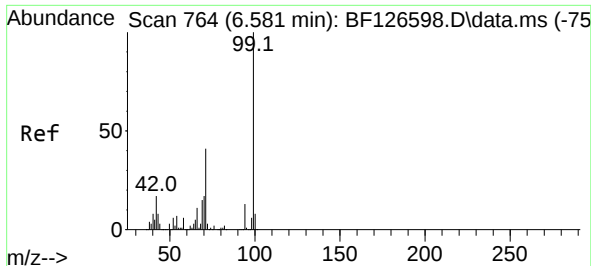
Tgt Ion:152 Resp: 110371
Ion Ratio Lower Upper
152 100
150 156.1 128.1 192.1
115 69.9 56.7 85.1



#5
2-Fluorophenol
Concen: 107.240 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

Tgt Ion:112 Resp: 899474
Ion Ratio Lower Upper
112 100
64 69.2 49.5 74.3
63 36.8 23.9 35.9#

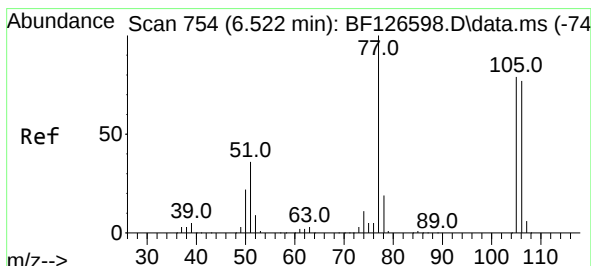
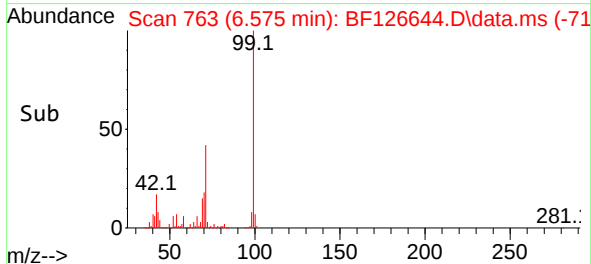
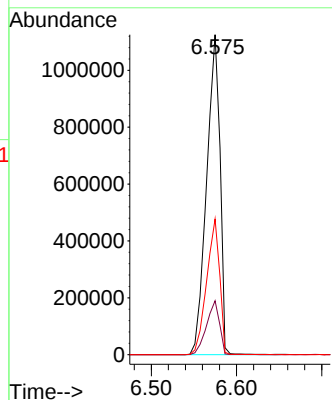
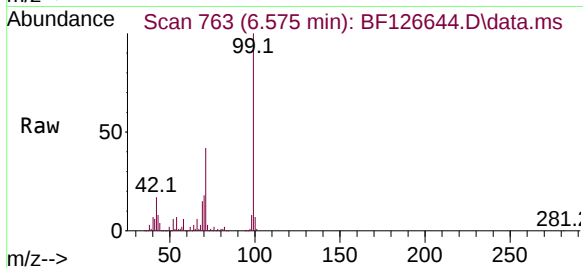




#7
Phenol-d6
Concen: 105.458 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

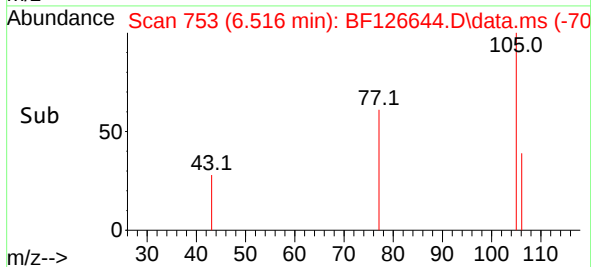
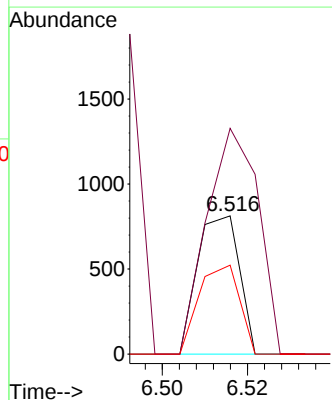
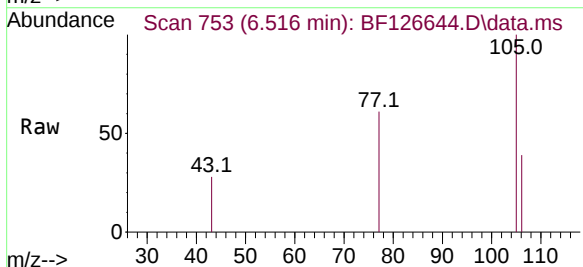
Instrument :
BNA_F
ClientSampleId :
TP-2

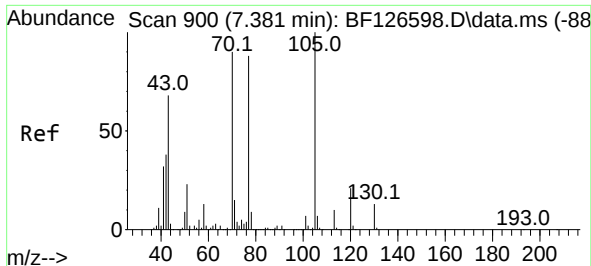
Tgt Ion: 99 Resp: 1228953
Ion Ratio Lower Upper
99 100
42 16.9 14.2 21.4
71 42.4 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

Tgt Ion: 77 Resp: 556
Ion Ratio Lower Upper
77 100
105 163.3 74.9 114.9#
106 64.3 72.4 112.4#

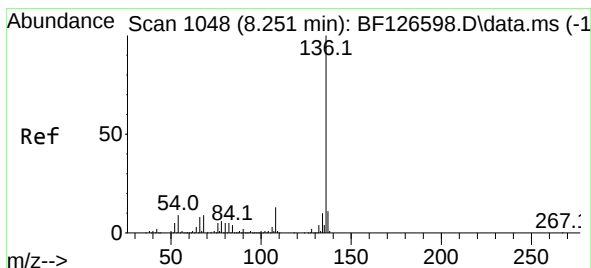
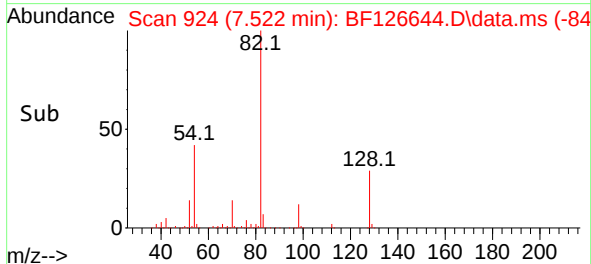
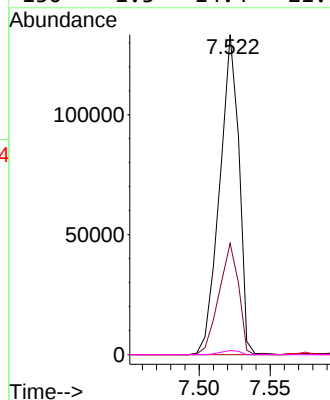
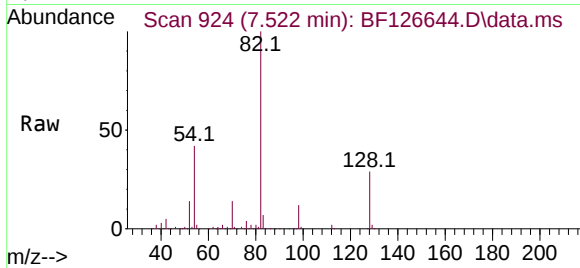




#19
n-Nitroso-di-n-propylamine
Concen: 14.825 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

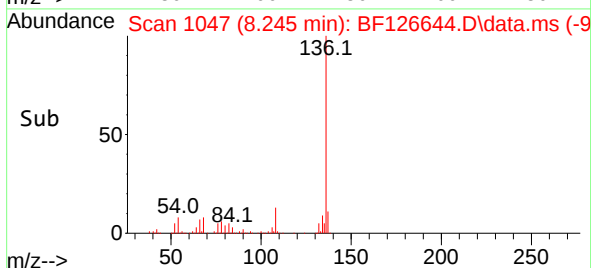
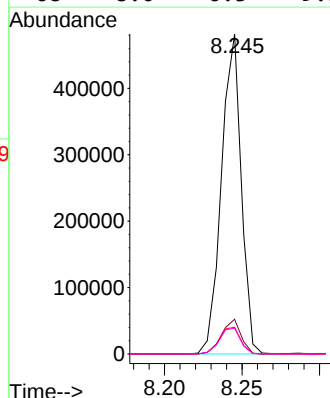
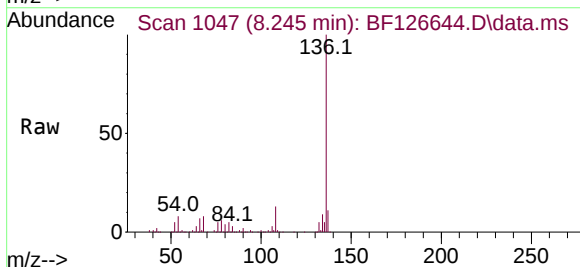
Instrument :
BNA_F
ClientSampleId :
TP-2

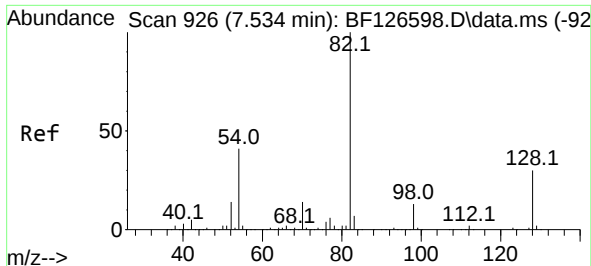
Tgt Ion: 70 Resp: 126091
Ion Ratio Lower Upper
70 100
42 34.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

Tgt Ion: 136 Resp: 427877
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 7.8 11.6
68 8.0 6.3 9.5

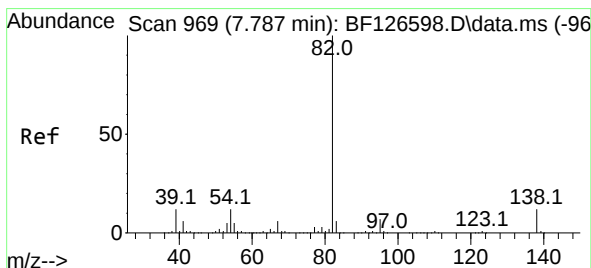
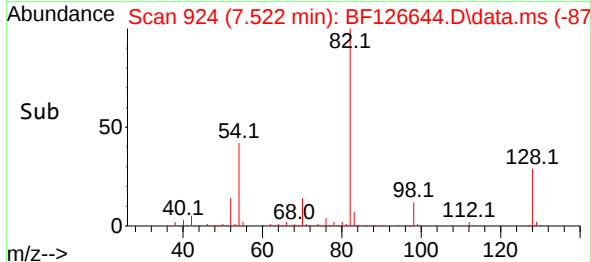
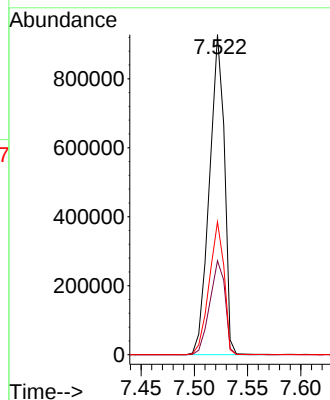
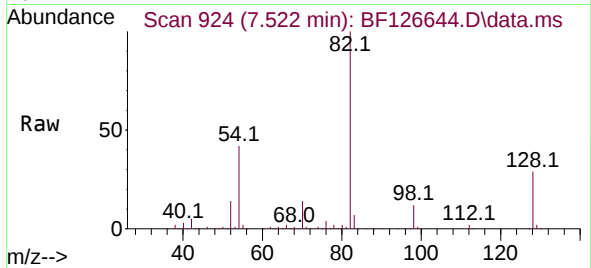




#23
Nitrobenzene-d5
Concen: 83.205 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

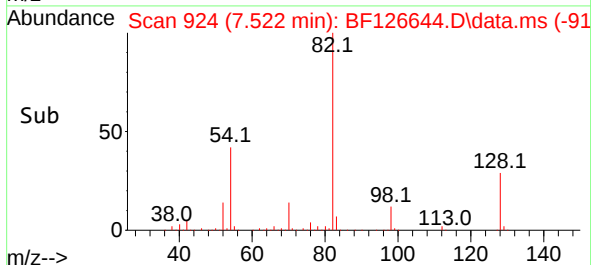
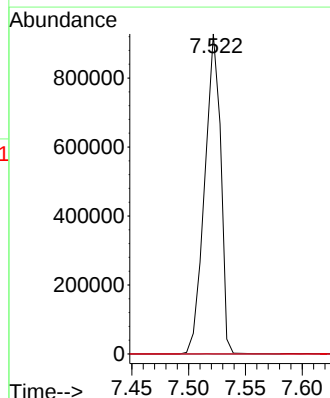
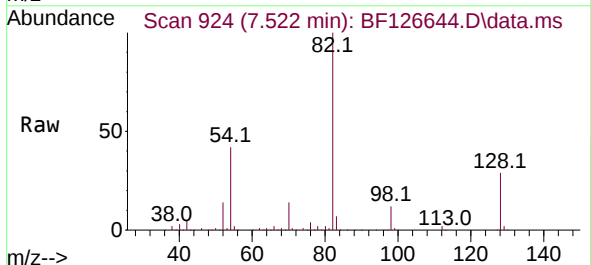
Instrument :
BNA_F
ClientSampleId :
TP-2

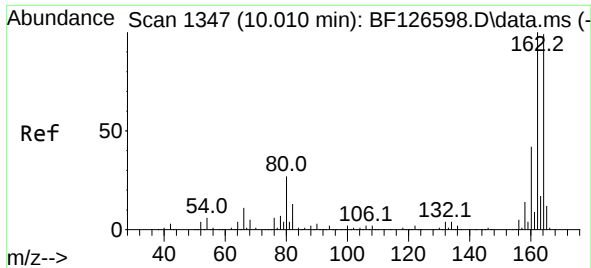
Tgt Ion: 82 Resp: 909566
Ion Ratio Lower Upper
82 100
128 29.4 32.7 49.1#
54 41.5 41.7 62.5#



#25
Isophorone
Concen: 42.903 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

Tgt Ion: 82 Resp: 909555
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

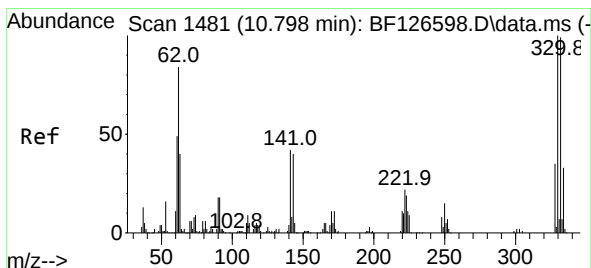
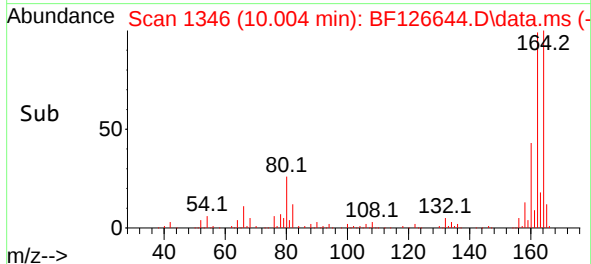
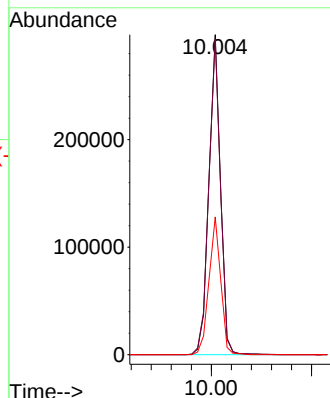
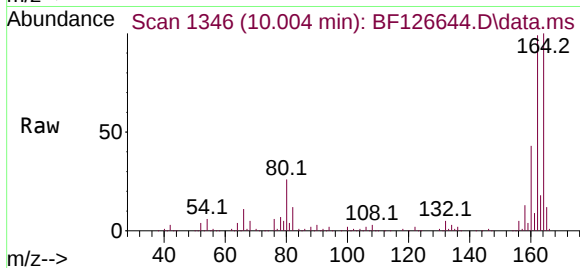




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

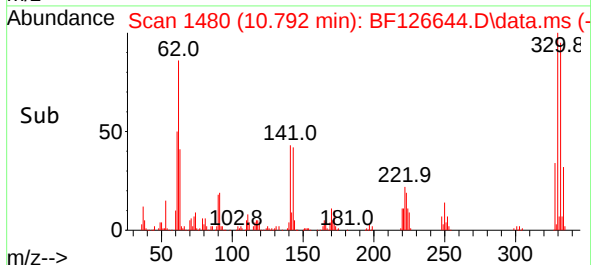
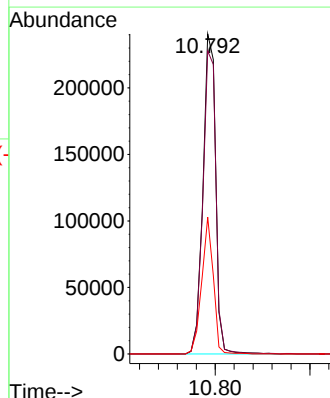
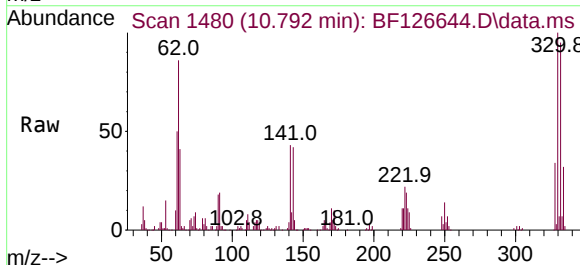
Instrument :
BNA_F
ClientSampleId :
TP-2

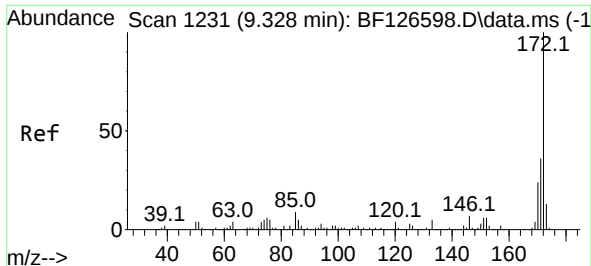
Tgt Ion:164 Resp: 239205
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 43.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 100.223 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

Tgt Ion:330 Resp: 224357
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 39.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 72.362 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126644.D

Acq: 24 Jan 2022 17:38

Instrument :

BNA_F

ClientSampleId :

TP-2

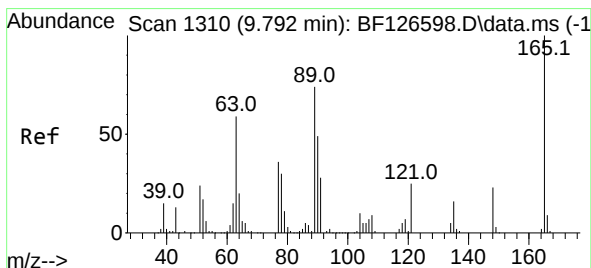
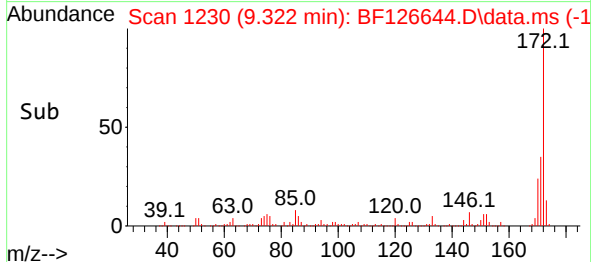
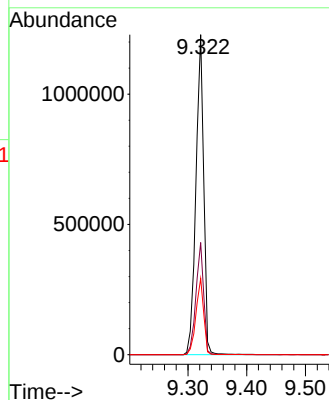
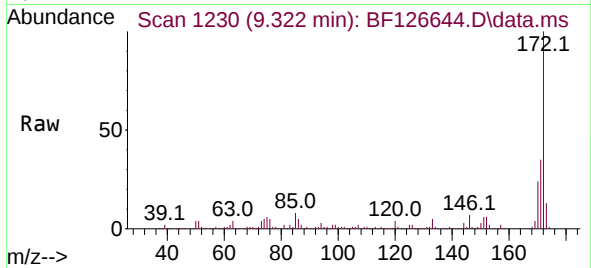
Tgt Ion:172 Resp: 1130225

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.8 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.110 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126644.D

Acq: 24 Jan 2022 17:38

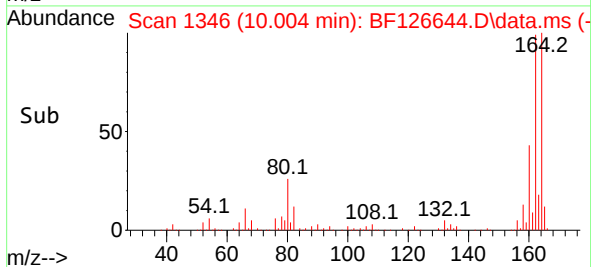
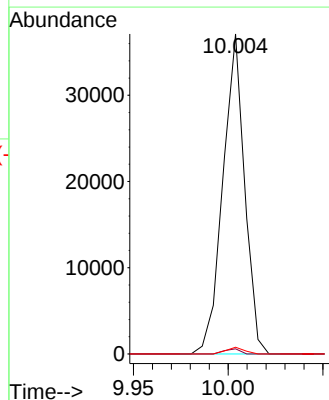
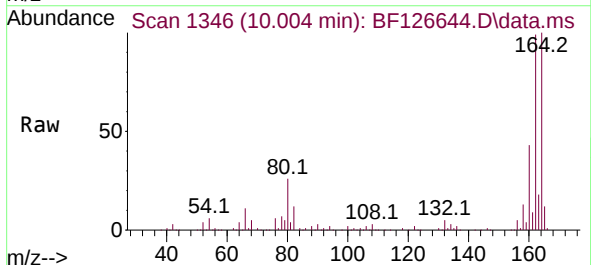
Tgt Ion:165 Resp: 29640

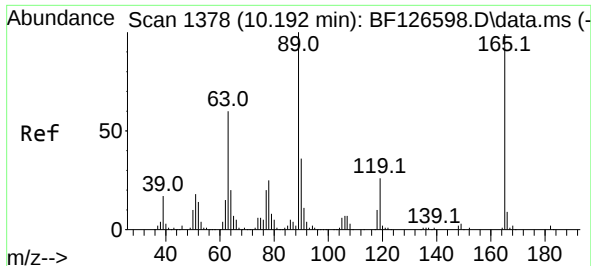
Ion Ratio Lower Upper

165 100

63 1.6 48.4 72.6#

89 2.1 50.5 75.7#

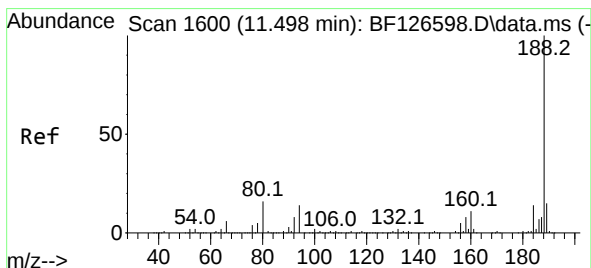
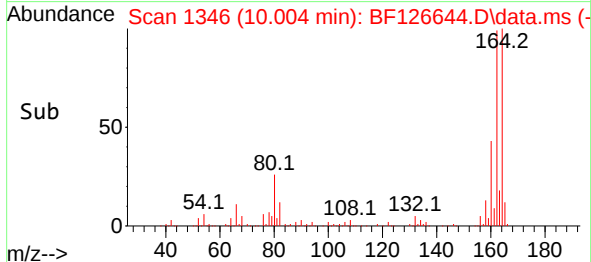
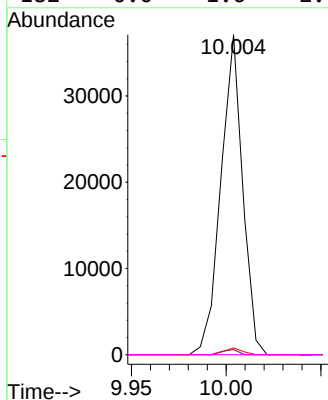
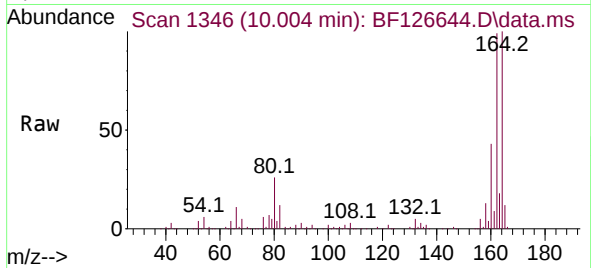




#57
2,4-Dinitrotoluene
Concen: 8.343 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

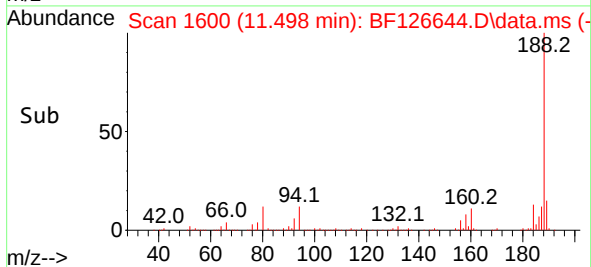
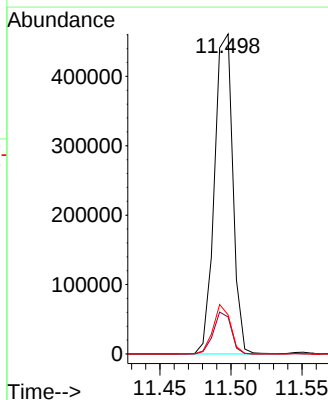
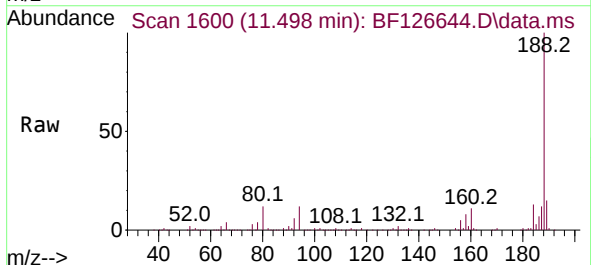
Instrument :
BNA_F
ClientSampleId :
TP-2

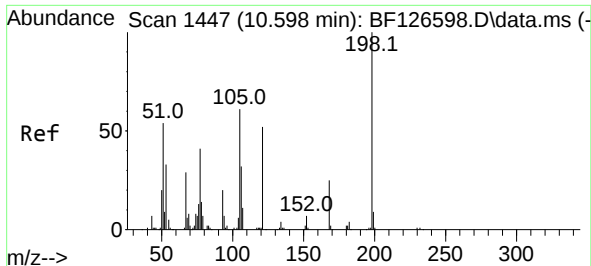
Tgt Ion:165 Resp: 29640
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 2.1 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

Tgt Ion:188 Resp: 414551
Ion Ratio Lower Upper
188 100
94 11.6 10.1 15.1
80 12.2 11.8 17.6

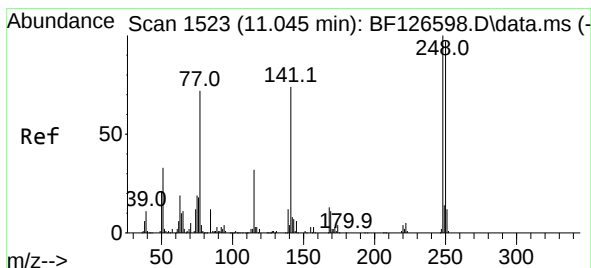
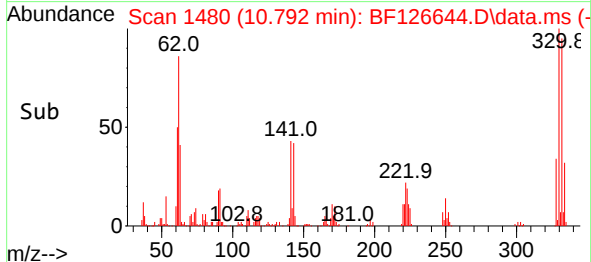
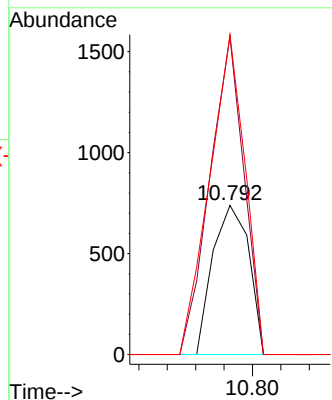
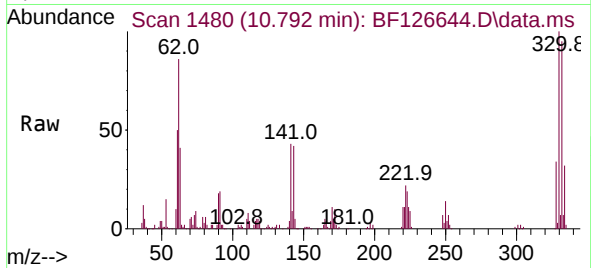




#65
4,6-Dinitro-2-methylphenol
Concen: 7.651 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

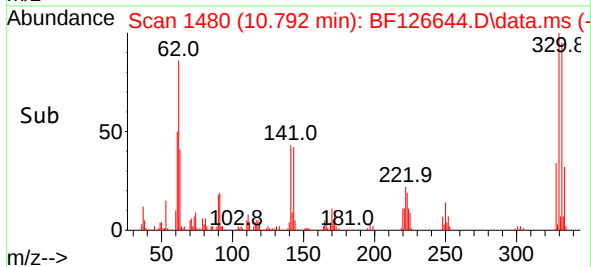
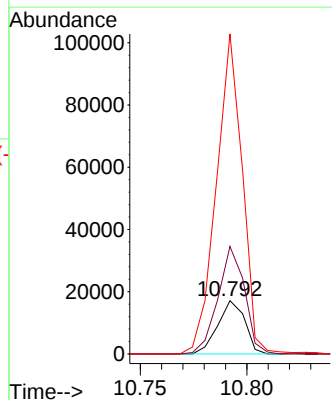
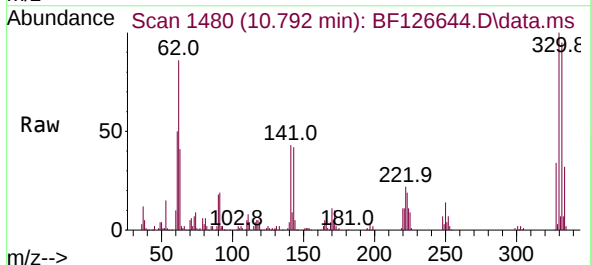
Instrument :
BNA_F
ClientSampleId :
TP-2

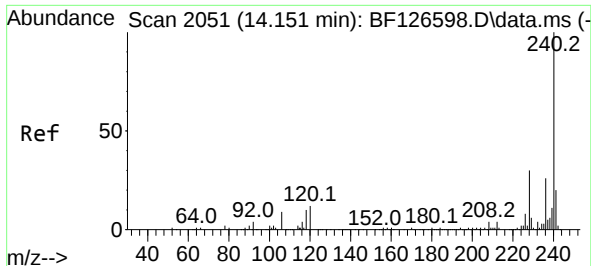
Tgt Ion:198 Resp: 653
Ion Ratio Lower Upper
198 100
51 213.0 32.0 72.0#
105 214.3 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.165 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

Tgt Ion:248 Resp: 15122
Ion Ratio Lower Upper
248 100
250 201.7 76.2 114.4#
141 599.8 66.2 99.4#

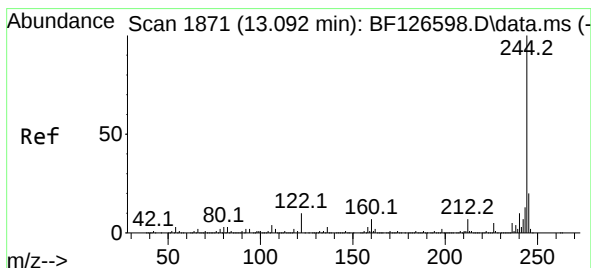
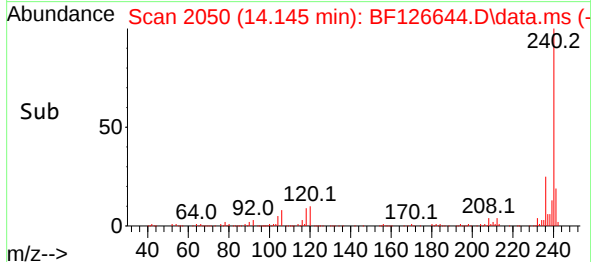
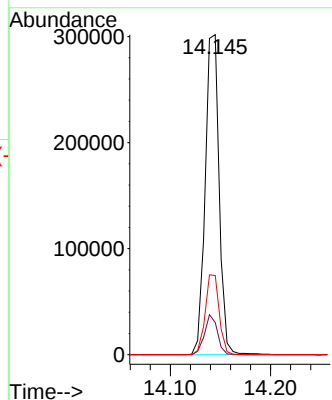
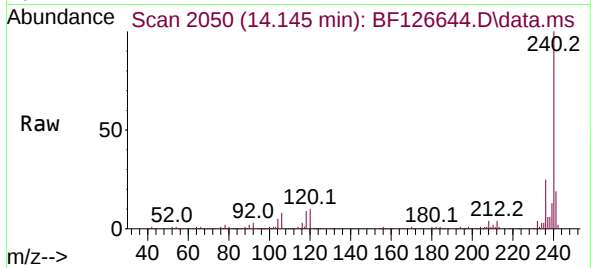




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

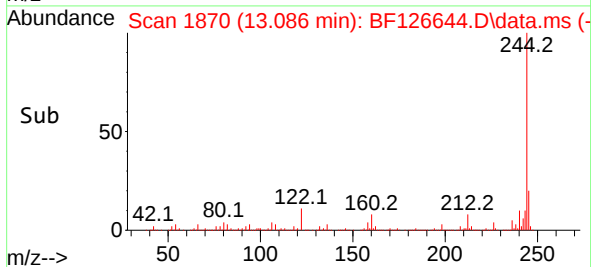
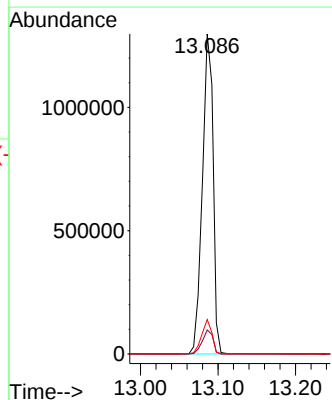
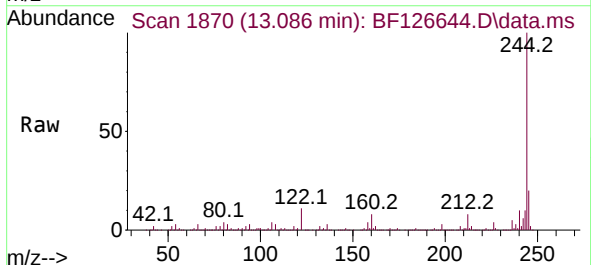
Instrument :
BNA_F
ClientSampleId :
TP-2

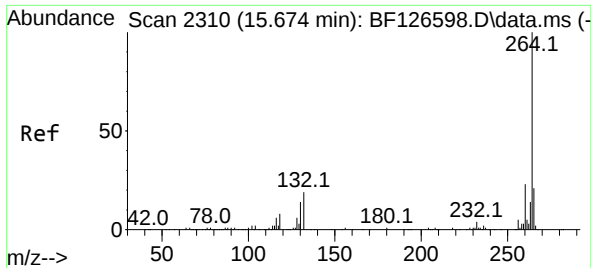
Tgt Ion:240 Resp: 293233
Ion Ratio Lower Upper
240 100
120 10.1 14.4 21.6#
236 24.8 20.5 30.7



#79
Terphenyl-d14
Concen: 71.353 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

Tgt Ion:244 Resp: 1247459
Ion Ratio Lower Upper
244 100
212 7.5 5.0 7.4#
122 10.8 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126644.D
Acq: 24 Jan 2022 17:38

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:264 Resp: 233646
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 20.9 17.4 26.2

