

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126761.D
 Acq On : 31 Jan 2022 19:48
 Operator : CG/JU
 Sample : N1325-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TES-3

Quant Time: Feb 01 02:42:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

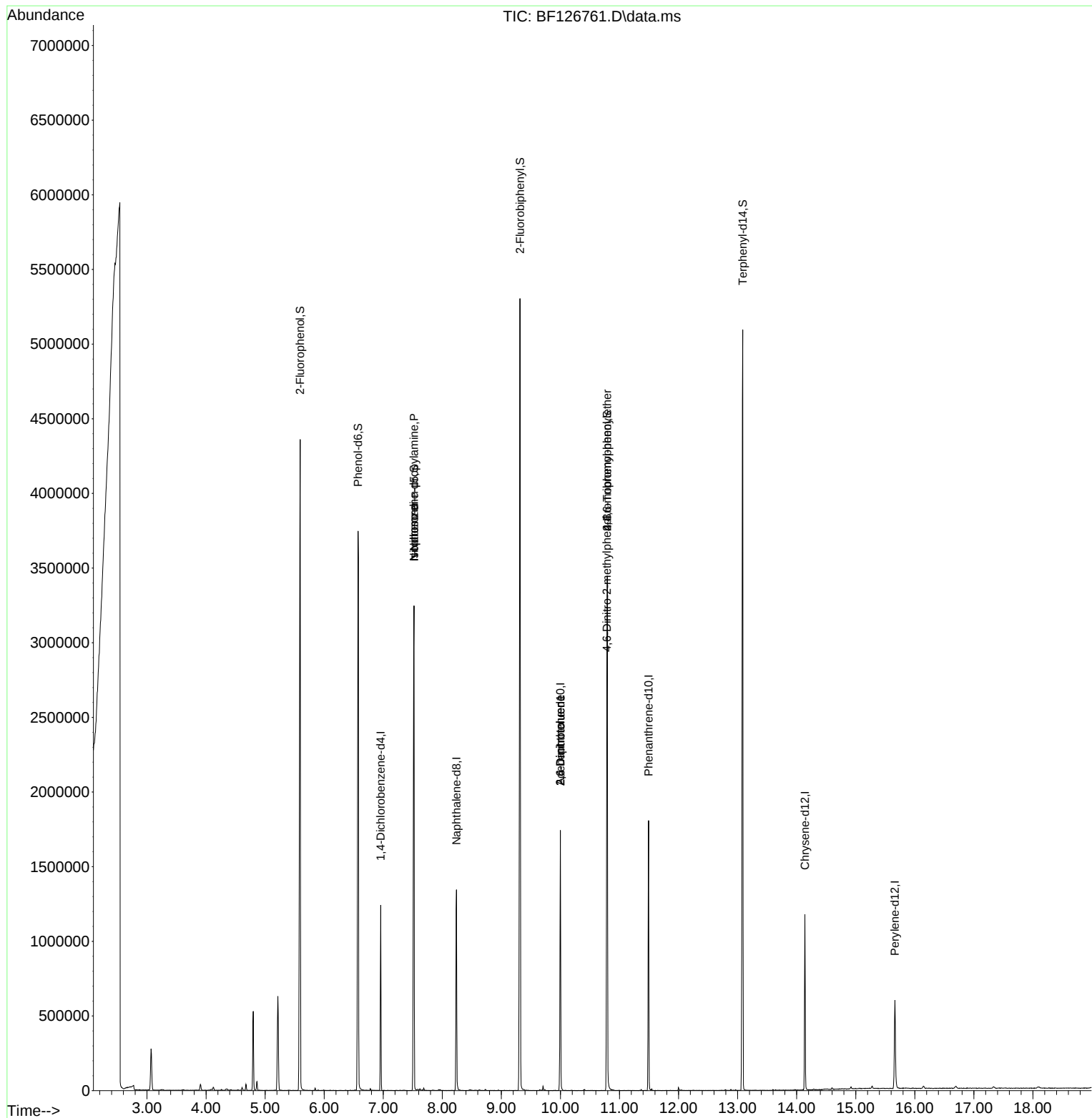
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	148540	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	601940	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	336319	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	574518	20.000	ng	0.00
76) Chrysene-d12	14.139	240	367741	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	277196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1266796	112.224	ng	0.02
7) Phenol-d6	6.575	99	1604392	102.298	ng	0.00
23) Nitrobenzene-d5	7.522	82	1322035	85.965	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	419559	133.302	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1737797	79.134	ng	0.00
79) Terphenyl-d14	13.086	244	1887913	86.108	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	297	Below Cal	#	77
19) n-Nitroso-di-n-propyla...	7.522	70	176051	15.380	ng	# 68
25) Isophorone	7.522	82	1315275	44.101	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	42345	10.273	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	42345	8.478	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	883	7.644	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	26601	4.017	ng	# 1

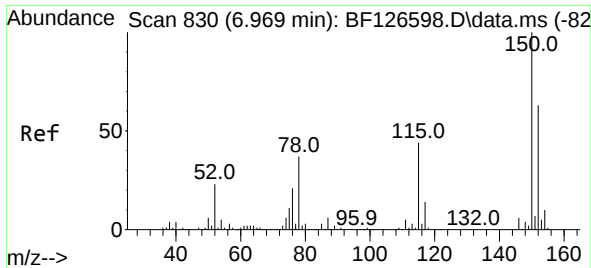
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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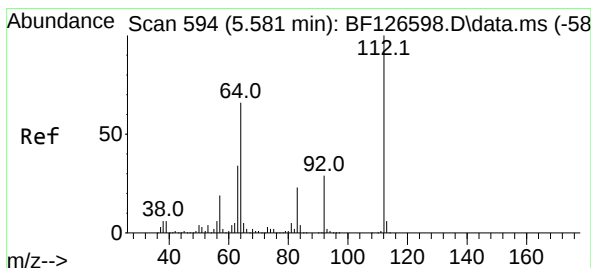
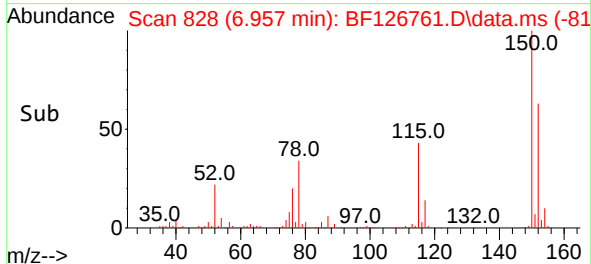
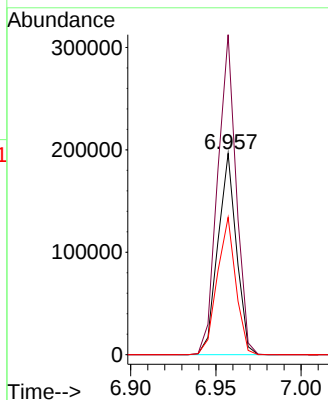
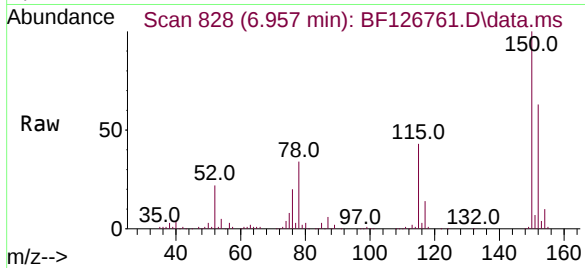




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126761.D
Acq: 31 Jan 2022 19:48

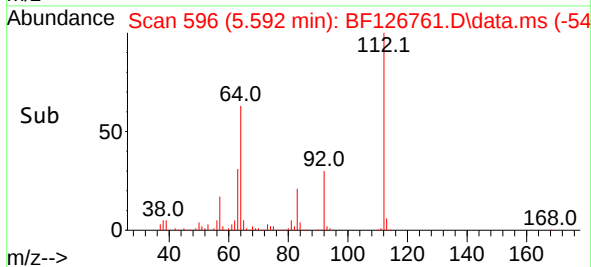
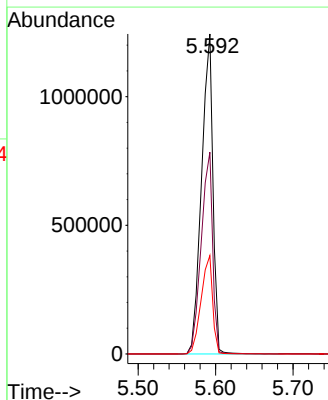
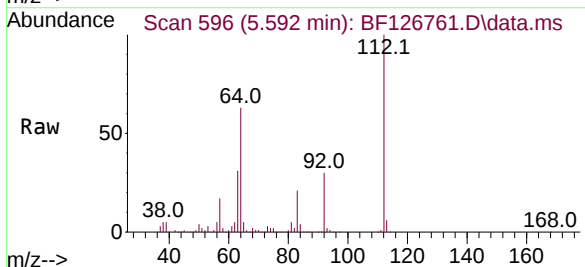
Instrument :
BNA_F
ClientSampleId :
TES-3

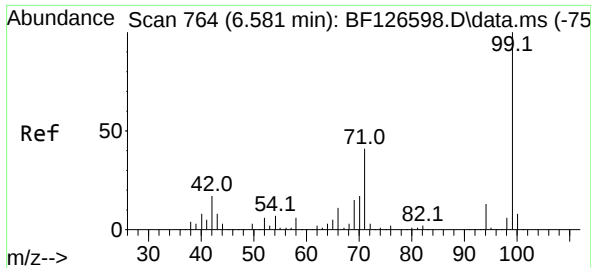
Tgt Ion:152 Resp: 148540
Ion Ratio Lower Upper
152 100
150 159.0 128.1 192.1
115 68.2 56.7 85.1



#5
2-Fluorophenol
Concen: 112.224 ng
RT: 5.592 min Scan# 596
Delta R.T. 0.024 min
Lab File: BF126761.D
Acq: 31 Jan 2022 19:48

Tgt Ion:112 Resp: 1266796
Ion Ratio Lower Upper
112 100
64 63.1 49.5 74.3
63 30.7 23.9 35.9





#7

Phenol-d6

Concen: 102.298 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.000 min

Lab File: BF126761.D

Acq: 31 Jan 2022 19:48

Instrument :

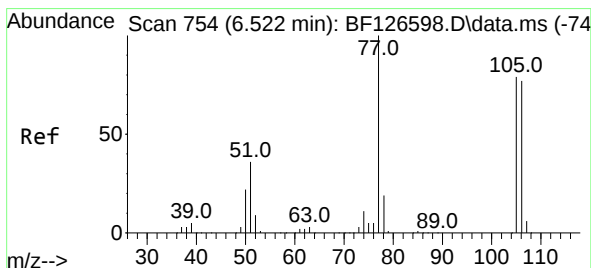
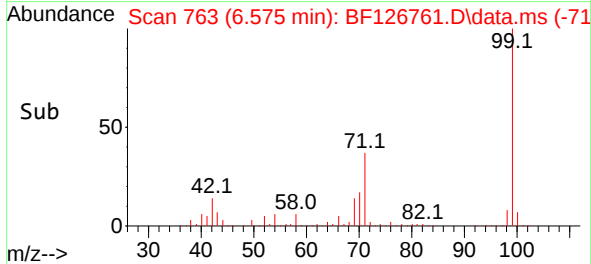
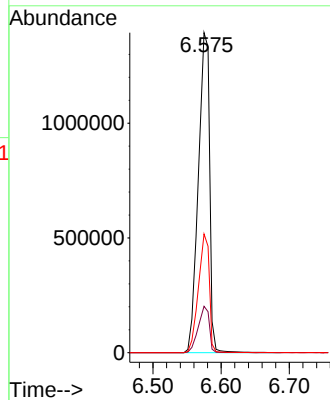
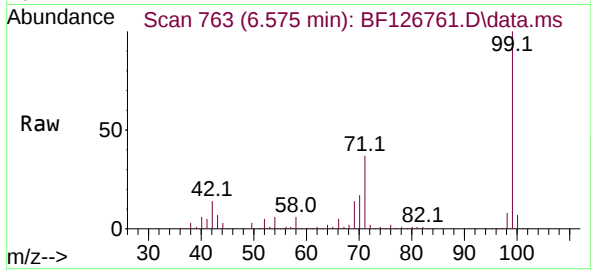
BNA_F

ClientSampleId :

TES-3

Tgt Ion: 99 Resp: 1604392

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.2	21.4
71	37.1	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 752

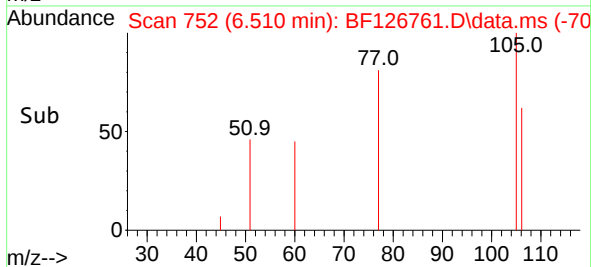
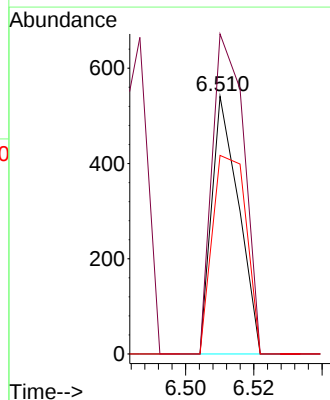
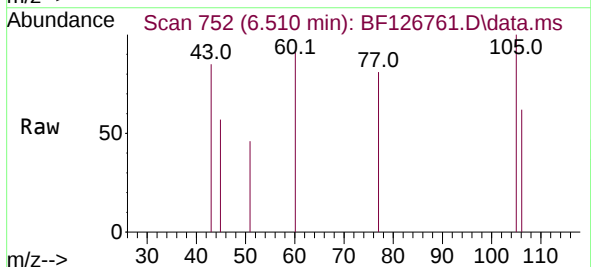
Delta R.T. -0.000 min

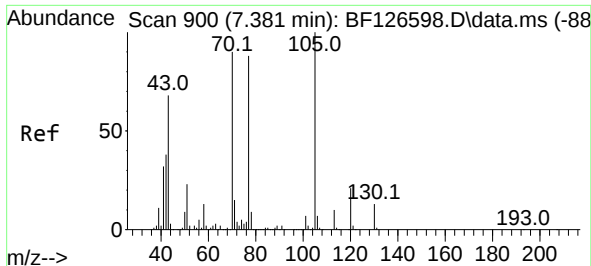
Lab File: BF126761.D

Acq: 31 Jan 2022 19:48

Tgt Ion: 77 Resp: 297

Ion	Ratio	Lower	Upper
77	100		
105	124.2	74.9	114.9
106	77.1	72.4	112.4

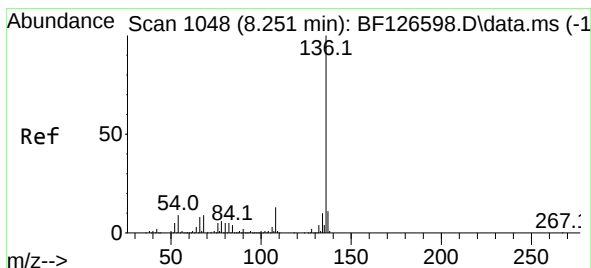
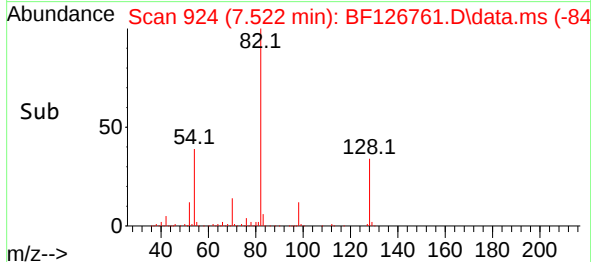
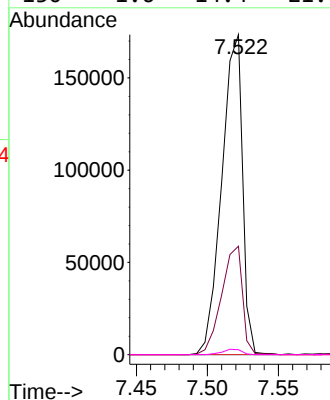
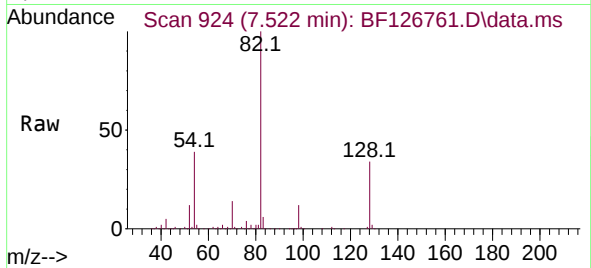




#19
n-Nitroso-di-n-propylamine
Concen: 15.380 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126761.D
Acq: 31 Jan 2022 19:48

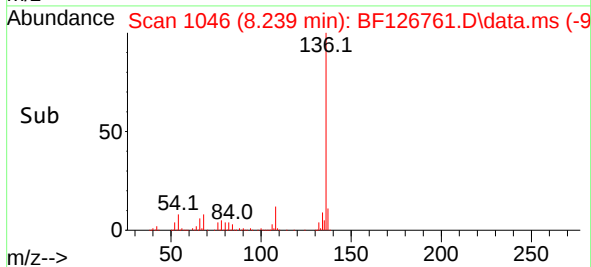
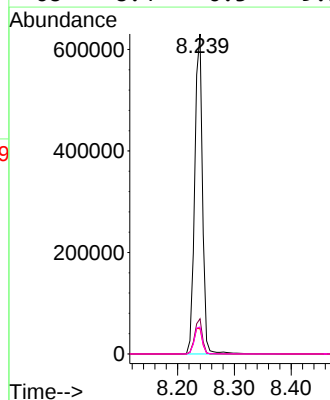
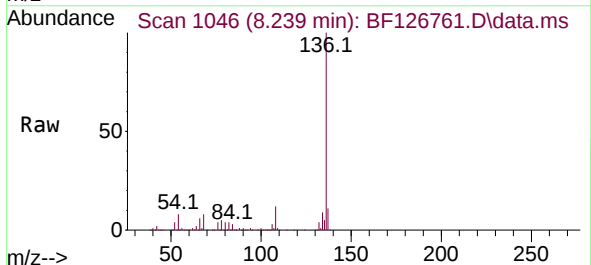
Instrument :
BNA_F
ClientSampleId :
TES-3

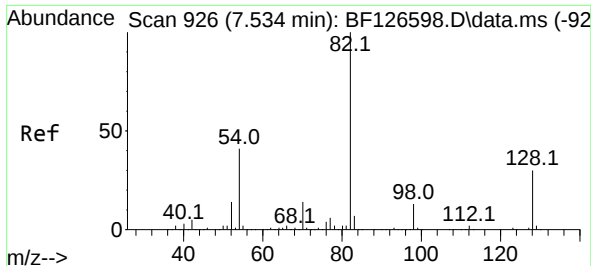
Tgt Ion: 70 Resp: 176051
Ion Ratio Lower Upper
70 100
42 33.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126761.D
Acq: 31 Jan 2022 19:48

Tgt Ion: 136 Resp: 601940
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.9 7.8 11.6
68 8.4 6.3 9.5





#23

Nitrobenzene-d5

Concen: 85.965 ng

RT: 7.522 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF126761.D

Acq: 31 Jan 2022 19:48

Instrument :

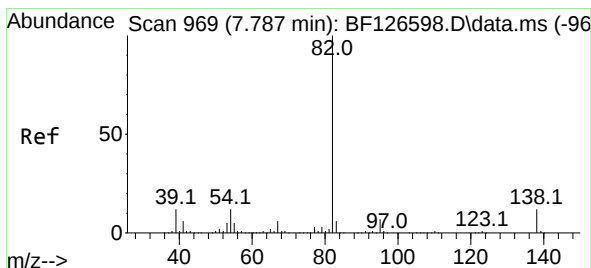
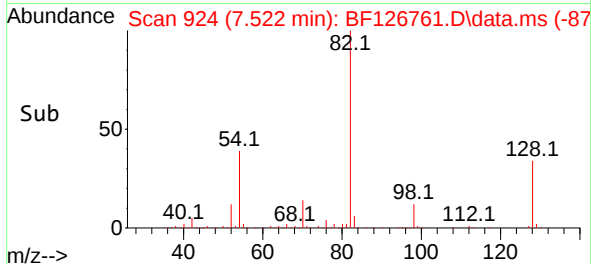
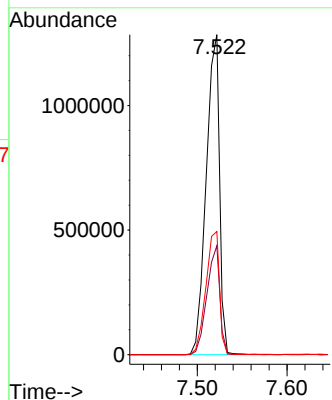
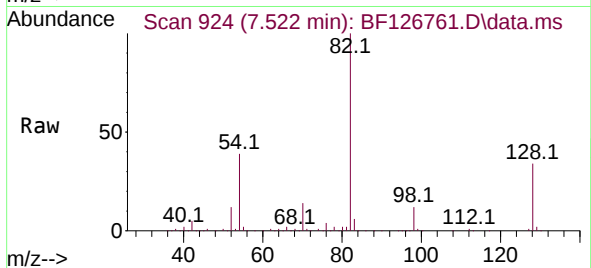
BNA_F

ClientSampleId :

TES-3

Tgt Ion: 82 Resp: 1322035

Ion	Ratio	Lower	Upper
82	100		
128	34.1	32.7	49.1
54	38.5	41.7	62.5



#25

Isophorone

Concen: 44.101 ng

RT: 7.522 min Scan# 924

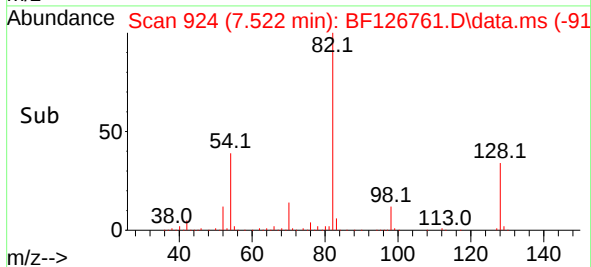
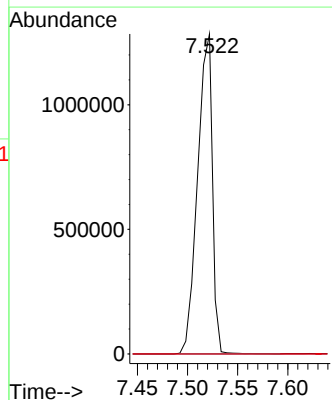
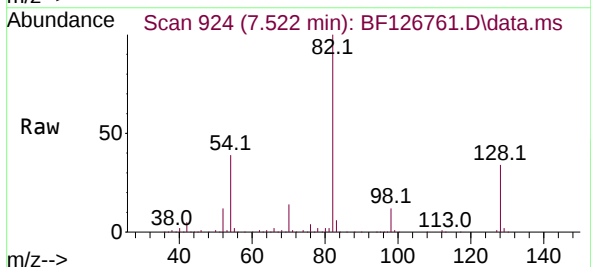
Delta R.T. -0.259 min

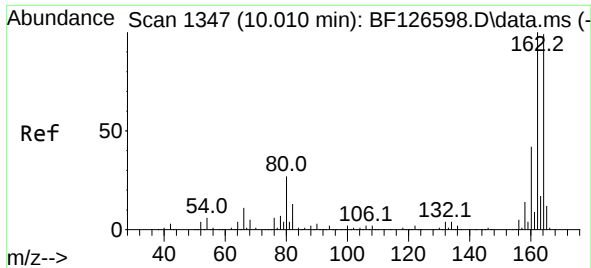
Lab File: BF126761.D

Acq: 31 Jan 2022 19:48

Tgt Ion: 82 Resp: 1315275

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4
138	0.0	12.3	18.5

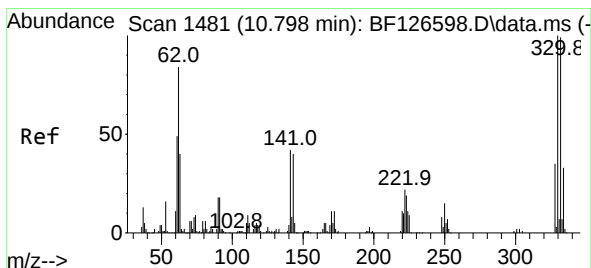
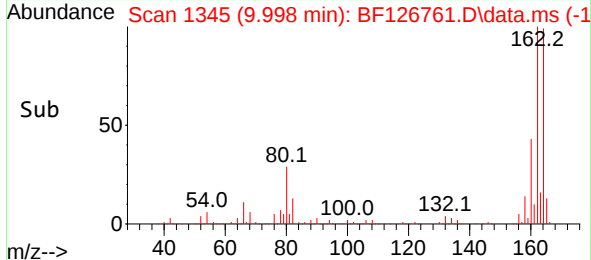
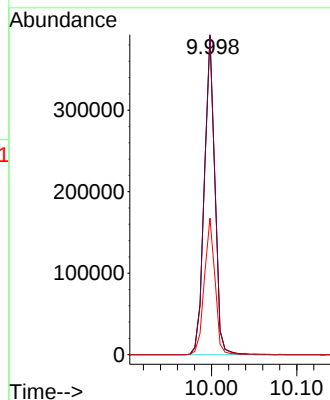
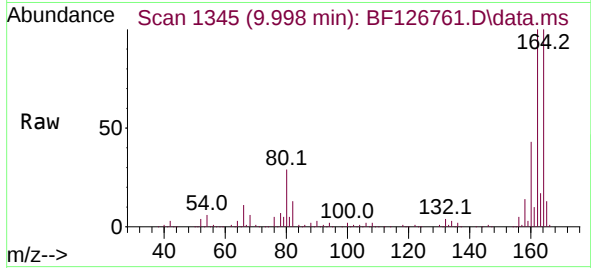




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126761.D
Acq: 31 Jan 2022 19:48

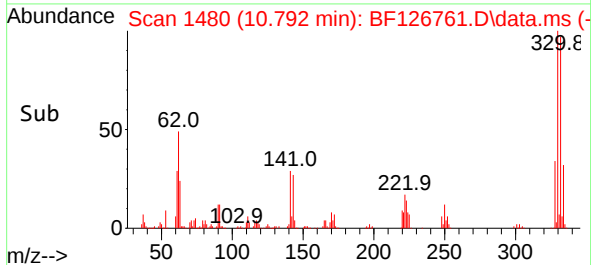
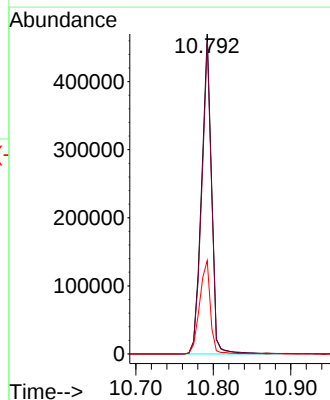
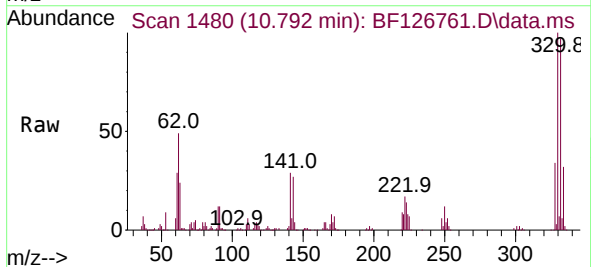
Instrument :
BNA_F
ClientSampleId :
TES-3

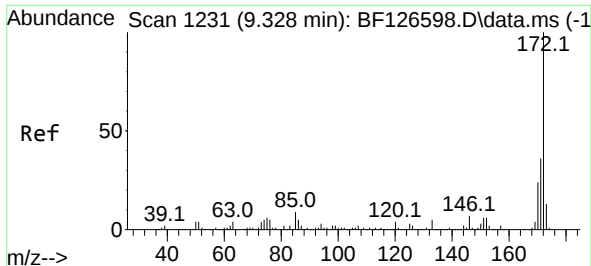
Tgt Ion:164 Resp: 336319
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 42.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 133.302 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF126761.D
Acq: 31 Jan 2022 19:48

Tgt Ion:330 Resp: 419559
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 31.4 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 79.134 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126761.D

Acq: 31 Jan 2022 19:48

Instrument :

BNA_F

ClientSampleId :

TES-3

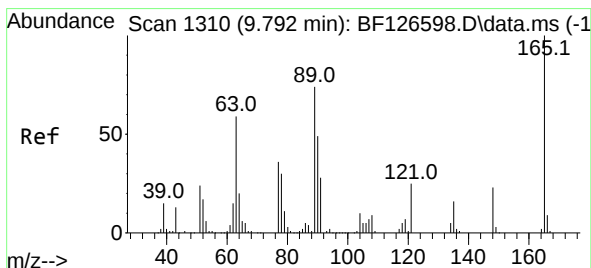
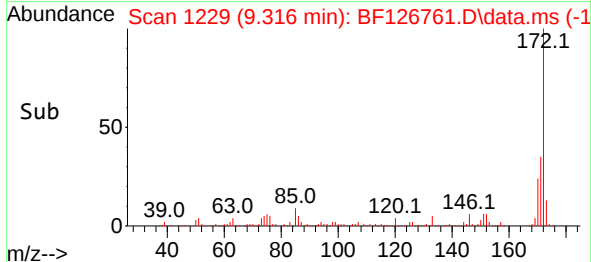
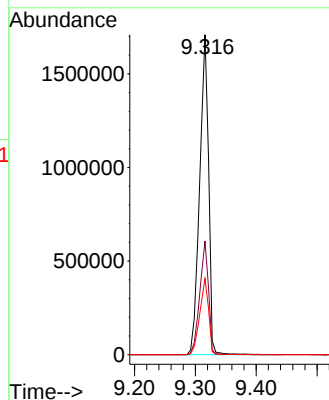
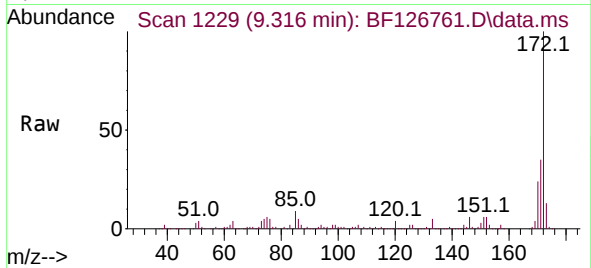
Tgt Ion:172 Resp: 1737797

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.8 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.273 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126761.D

Acq: 31 Jan 2022 19:48

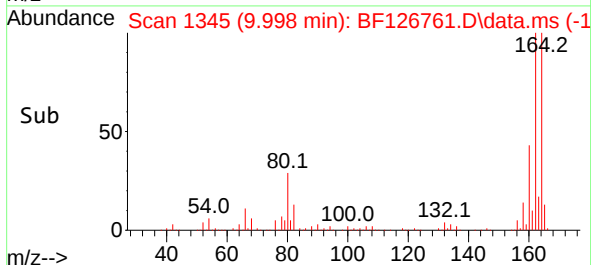
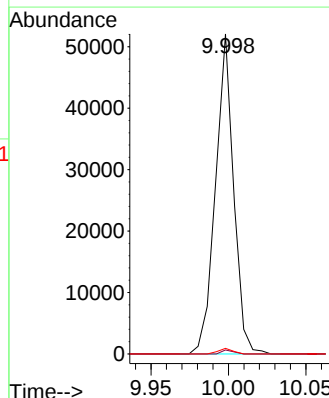
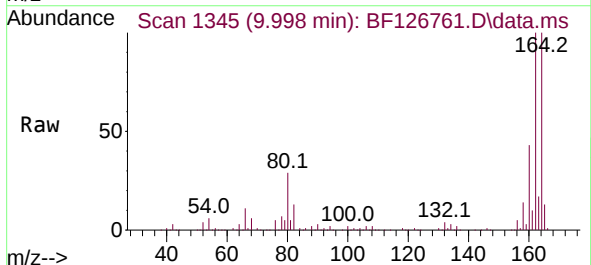
Tgt Ion:165 Resp: 42345

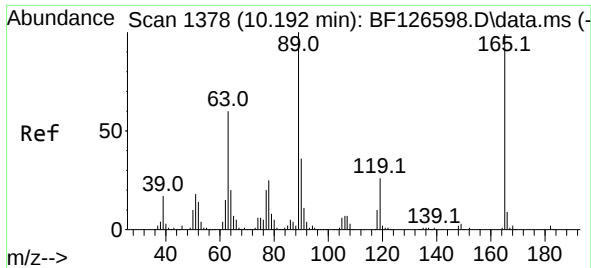
Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

89 1.8 50.5 75.7#

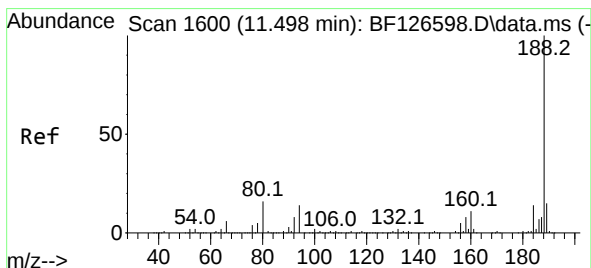
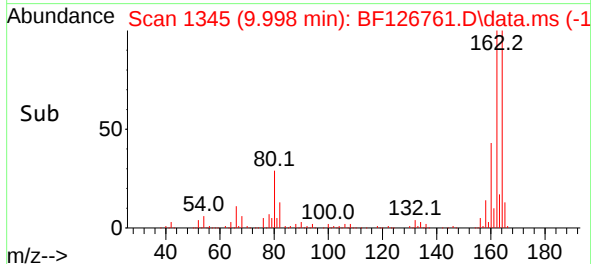
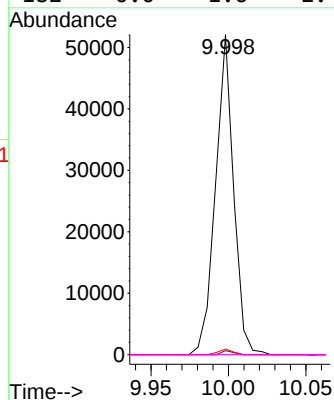
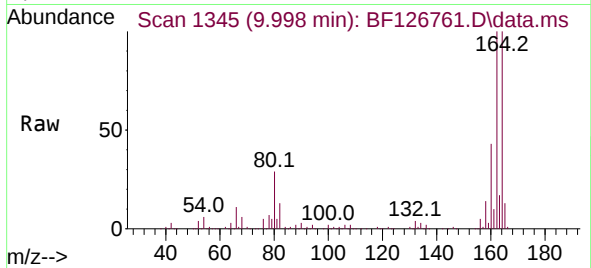




#57
2,4-Dinitrotoluene
Concen: 8.478 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126761.D
Acq: 31 Jan 2022 19:48

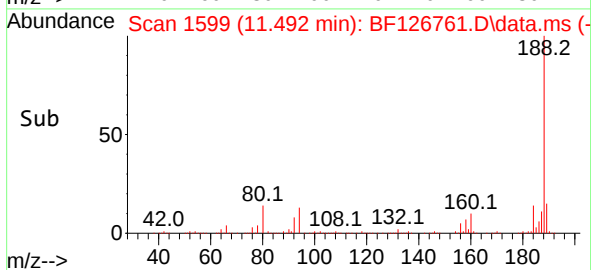
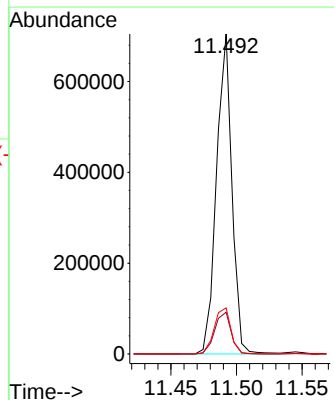
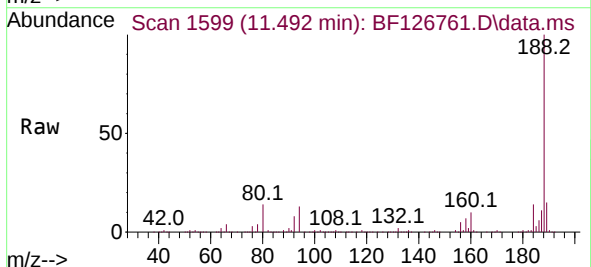
Instrument :
BNA_F
ClientSampleId :
TES-3

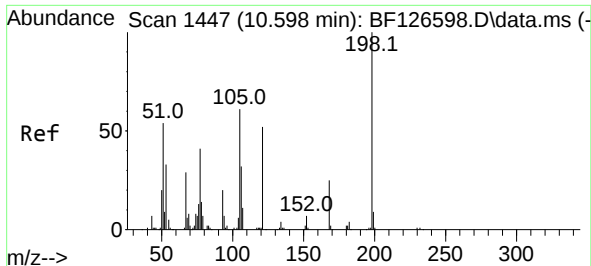
Tgt Ion:165 Resp: 42345
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF126761.D
Acq: 31 Jan 2022 19:48

Tgt Ion:188 Resp: 574518
Ion Ratio Lower Upper
188 100
94 13.1 10.1 15.1
80 14.4 11.8 17.6

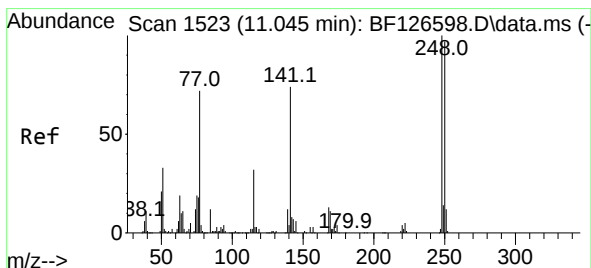
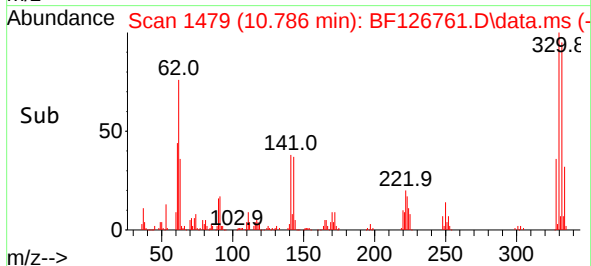
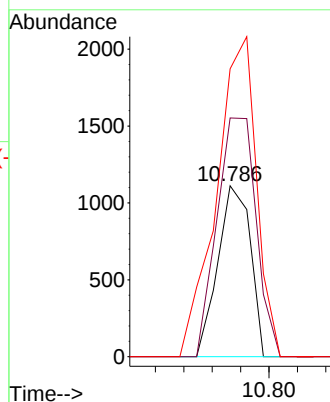
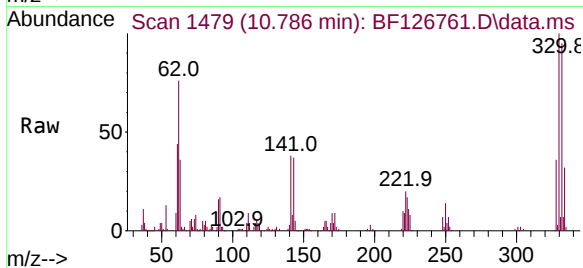




#65
4,6-Dinitro-2-methylphenol
Concen: 7.644 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126761.D
Acq: 31 Jan 2022 19:48

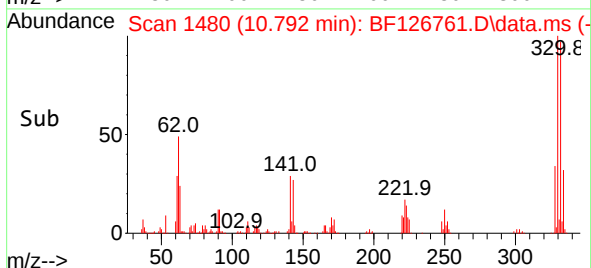
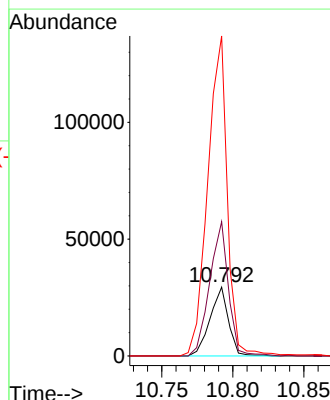
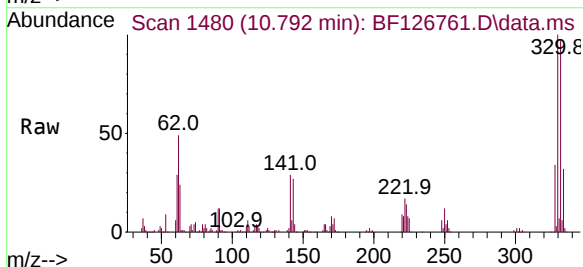
Instrument :
BNA_F
ClientSampleId :
TES-3

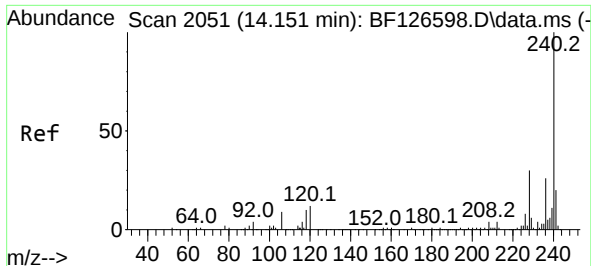
Tgt Ion:198 Resp: 883
Ion Ratio Lower Upper
198 100
51 139.7 32.0 72.0#
105 168.3 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.017 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126761.D
Acq: 31 Jan 2022 19:48

Tgt Ion:248 Resp: 26601
Ion Ratio Lower Upper
248 100
250 194.9 76.2 114.4#
141 464.6 66.2 99.4#

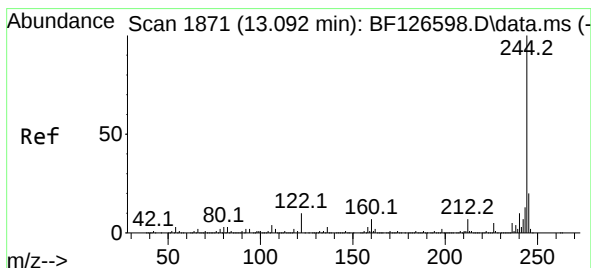
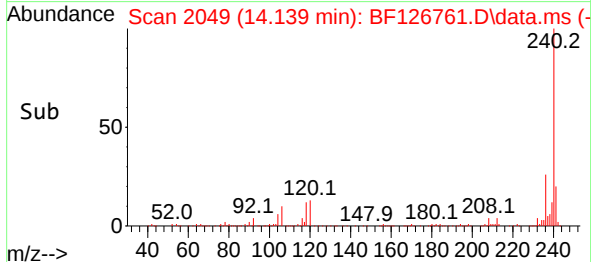
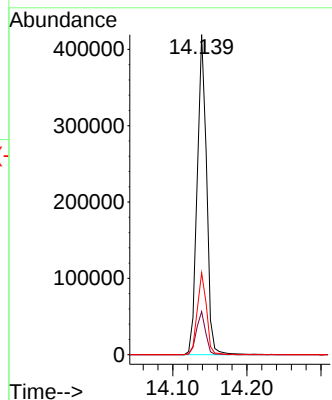
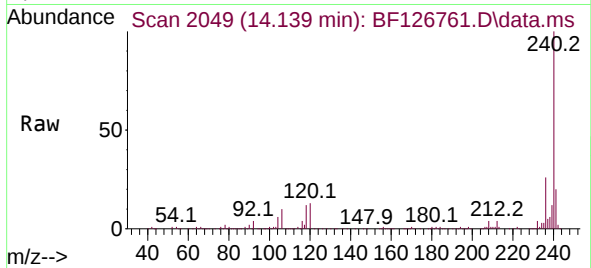




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126761.D
Acq: 31 Jan 2022 19:48

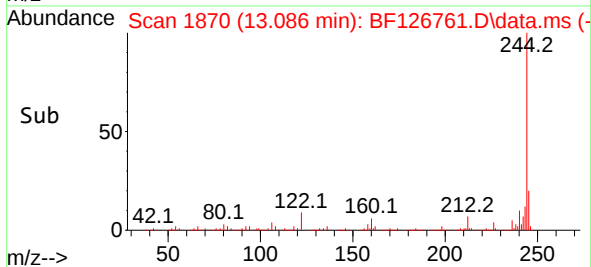
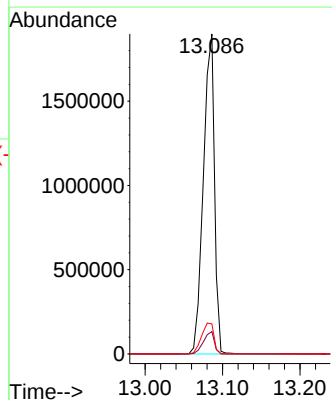
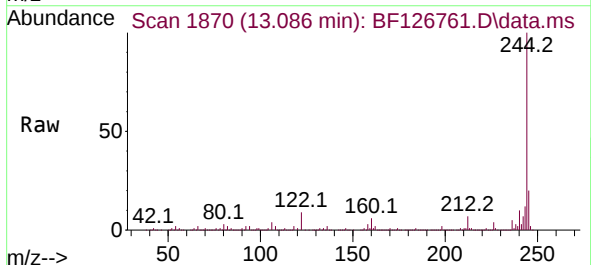
Instrument :
BNA_F
ClientSampleId :
TES-3

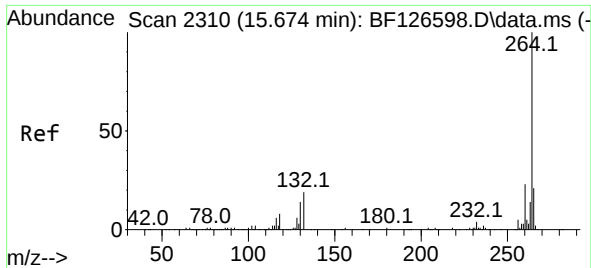
Tgt Ion:240 Resp: 367741
Ion Ratio Lower Upper
240 100
120 13.5 14.4 21.6#
236 25.6 20.5 30.7



#79
Terphenyl-d14
Concen: 86.108 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126761.D
Acq: 31 Jan 2022 19:48

Tgt Ion:244 Resp: 1887913
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 9.4 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF126761.D
 Acq: 31 Jan 2022 19:48

Instrument :
 BNA_F
 ClientSampleId :
 TES-3

Tgt Ion:264 Resp: 277196
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.1 17.4 26.2

