

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012722\
 Data File : BF126712.D
 Acq On : 27 Jan 2022 18:09
 Operator : CG/JU
 Sample : N1202-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Quant Time: Jan 28 04:41:39 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)

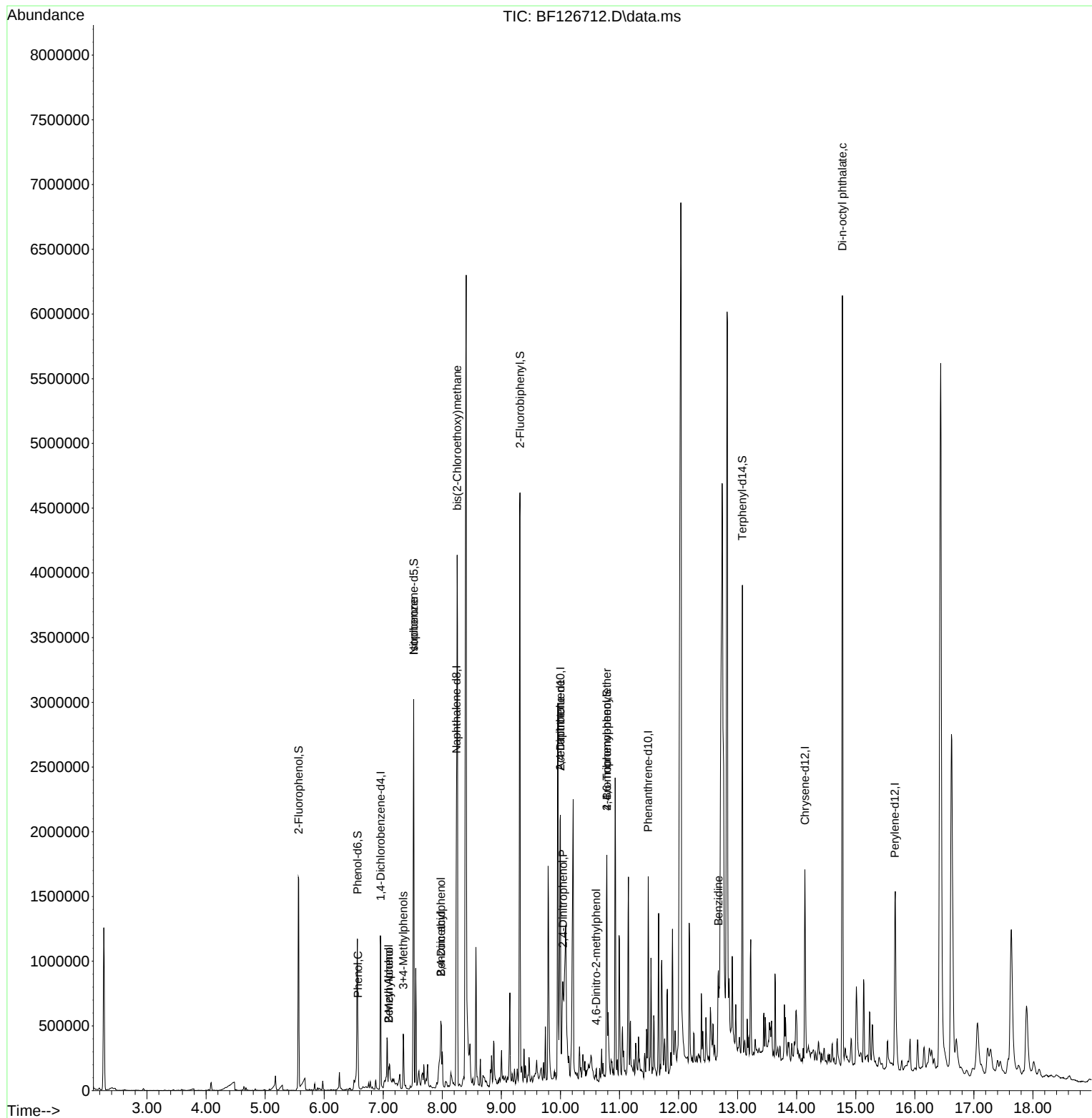
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	158465	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	604018	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	296224	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	442225	20.000	ng	# 0.00
76) Chrysene-d12	14.139	240	349563	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	352501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	448013	37.203	ng	0.00
7) Phenol-d6	6.563	99	388691	23.231	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1135043	73.552	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	169259	61.056	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1343661	69.468	ng	0.00
79) Terphenyl-d14	13.080	244	1160911	55.703	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	7887	Below Cal		91
10) Phenol	6.575	94	91963	5.168	ng	100
15) Benzyl Alcohol	7.092	79	77798	5.215	ng	95
17) 2-Methylphenol	7.092	107	46171	4.252	ng	# 1
20) 3+4-Methylphenols	7.339	107	83828	5.954	ng	# 64
25) Isophorone	7.516	82	1125305	37.601	ng	# 69
27) 2,4-Dimethylphenol	7.975	122	116007	11.763	ng	# 5
28) bis(2-Chloroethoxy)met...	8.251	93	189315	10.143	ng	# 59
32) Benzoic acid	7.975	122	116007	20.737	ng	# 73
54) 2,4-Dinitrophenol	10.045	184	1505	5.145	ng	# 1
57) 2,4-Dinitrotoluene	9.998	165	37881	8.611	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.604	198	133	7.425	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	10929	2.144	ng	# 1
77) Benzidine	12.674	184	308715	25.600	ng	# 89
85) Di-n-octyl phthalate	14.774	149	498170	19.563	ng	# 57

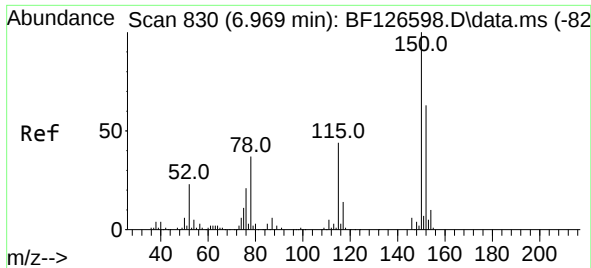
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012722\
Data File : BF126712.D
Acq On : 27 Jan 2022 18:09
Operator : CG/JU
Sample : N1202-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Quant Time: Jan 28 04:41:39 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

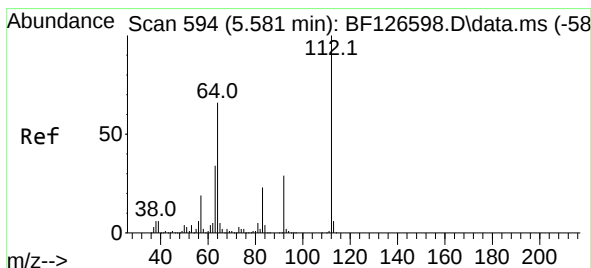
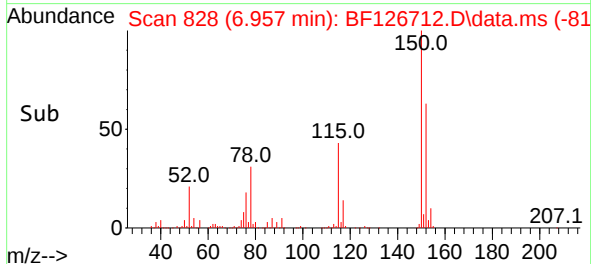
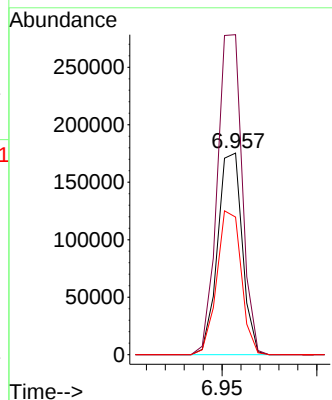
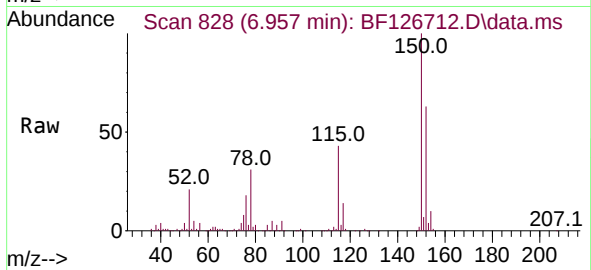




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126712.D
 Acq: 27 Jan 2022 18:09

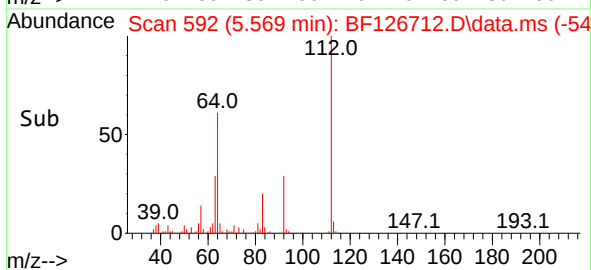
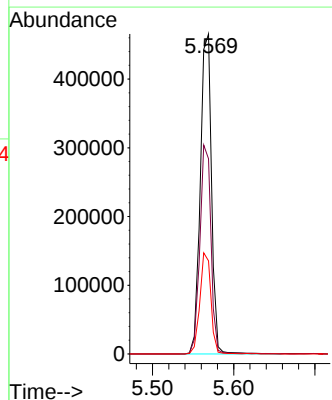
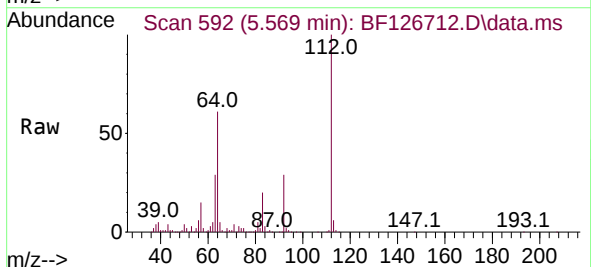
Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

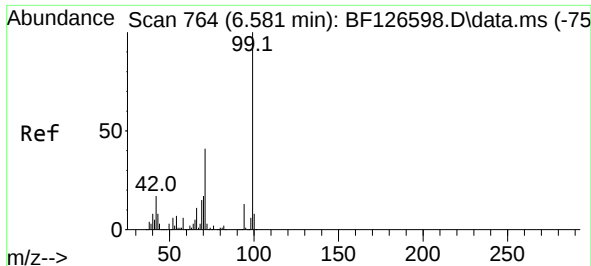
Tgt Ion:152 Resp: 158465
 Ion Ratio Lower Upper
 152 100
 150 158.7 128.1 192.1
 115 68.3 56.7 85.1



#5
 2-Fluorophenol
 Concen: 37.203 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.000 min
 Lab File: BF126712.D
 Acq: 27 Jan 2022 18:09

Tgt Ion:112 Resp: 448013
 Ion Ratio Lower Upper
 112 100
 64 61.0 49.5 74.3
 63 29.1 23.9 35.9





#7

Phenol-d6

Concen: 23.231 ng

RT: 6.563 min Scan# 7

Delta R.T. -0.012 min

Lab File: BF126712.D

Acq: 27 Jan 2022 18:09

Instrument :

BNA_F

ClientSampleId :

MANHOLE

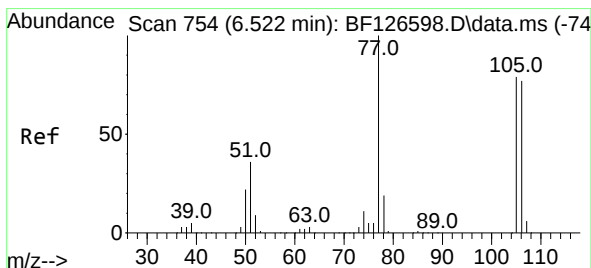
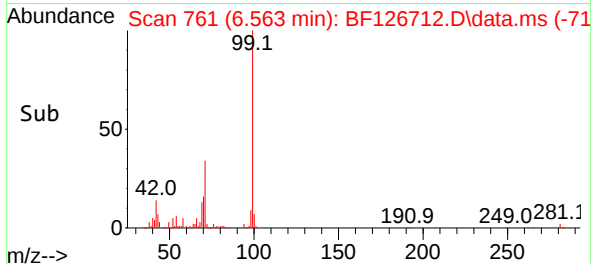
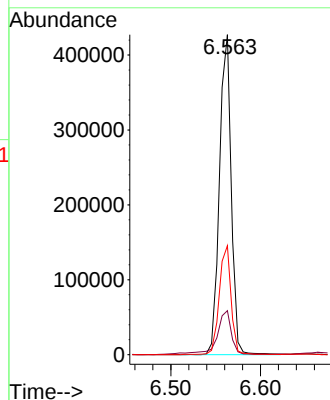
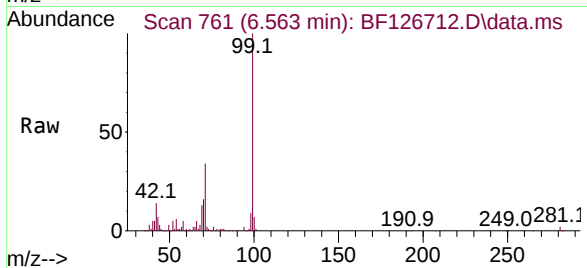
Tgt Ion: 99 Resp: 388691

Ion Ratio Lower Upper

99 100

42 13.8 14.2 21.4#

71 34.1 24.3 36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF126712.D

Acq: 27 Jan 2022 18:09

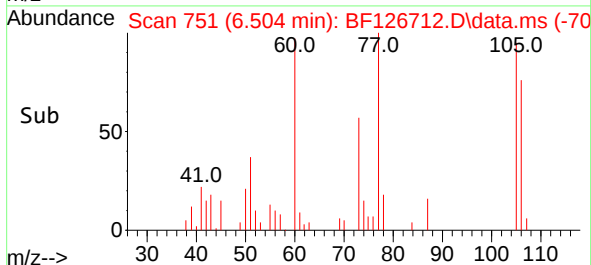
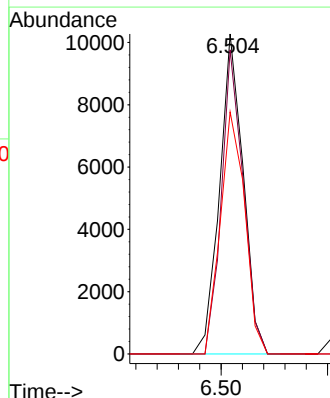
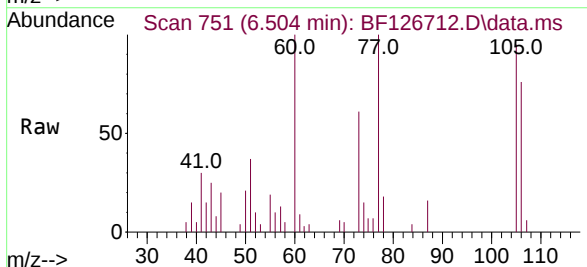
Tgt Ion: 77 Resp: 7887

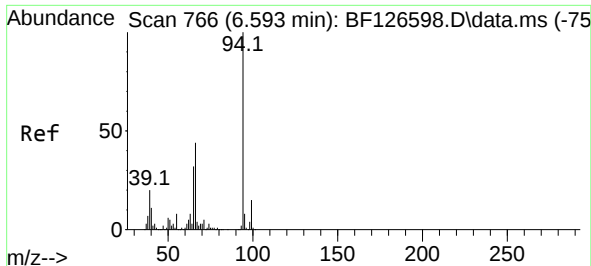
Ion Ratio Lower Upper

77 100

105 95.0 74.9 114.9

106 75.6 72.4 112.4

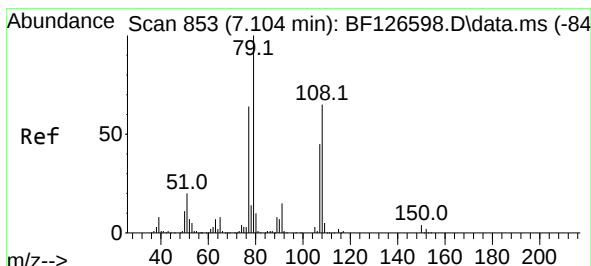
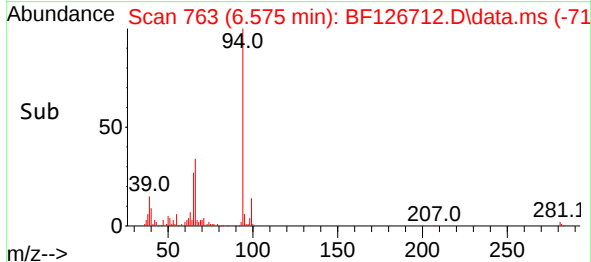
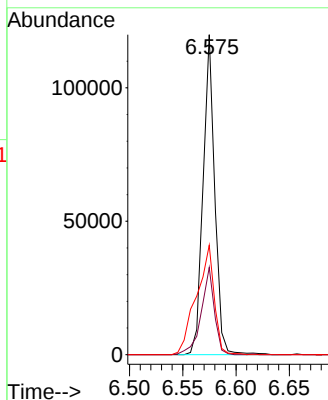
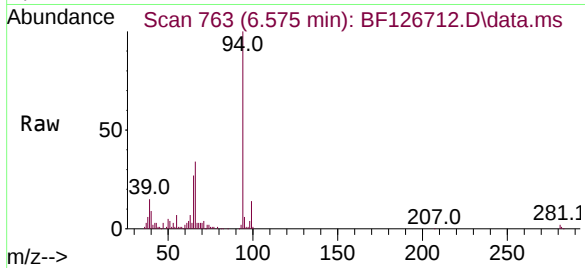




#10
Phenol
Concen: 5.168 ng
RT: 6.575 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

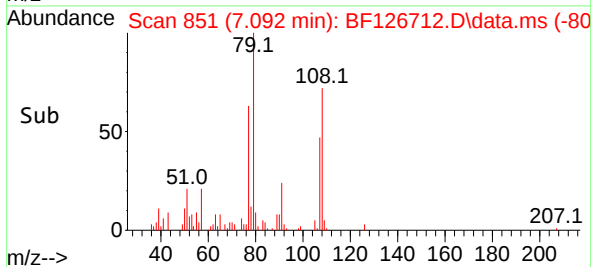
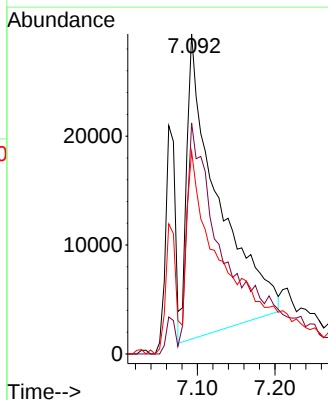
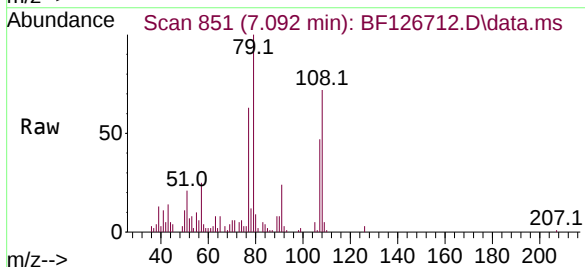
Instrument :
BNA_F
ClientSampleId :
MANHOLE

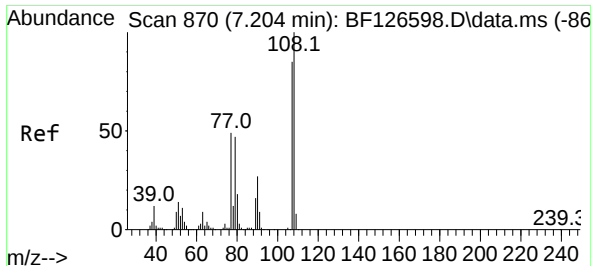
Tgt Ion: 94 Resp: 91963
Ion Ratio Lower Upper
94 100
65 27.2 7.2 47.2
66 34.2 14.5 54.5



#15
Benzyl Alcohol
Concen: 5.215 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

Tgt Ion: 79 Resp: 77798
Ion Ratio Lower Upper
79 100
108 72.2 63.2 94.8
77 63.2 49.4 74.2

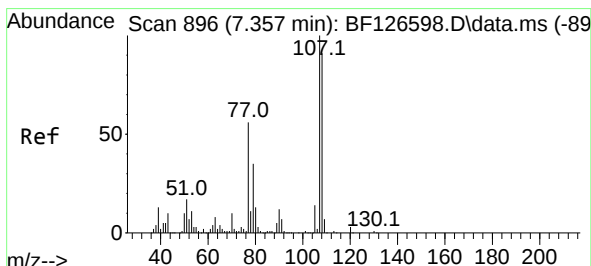
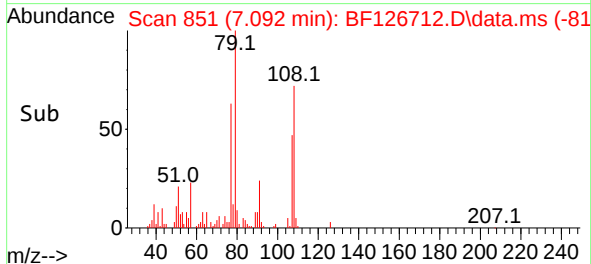
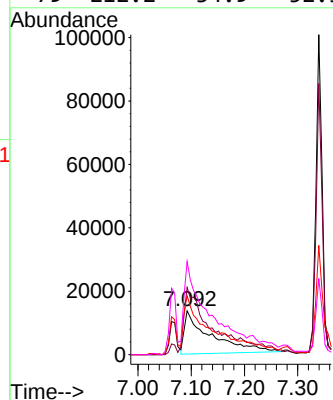
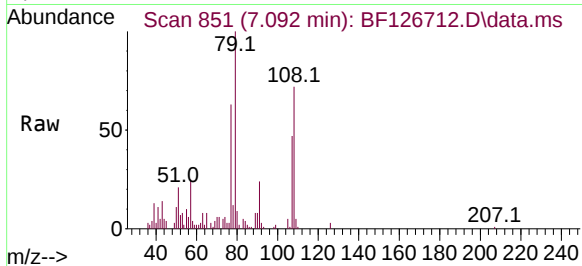




#17
2-Methylphenol
Concen: 4.252 ng
RT: 7.092 min Scan# 81
Delta R.T. -0.106 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

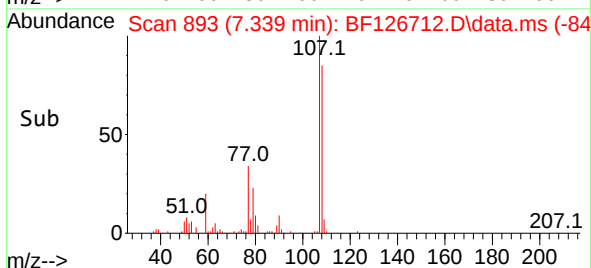
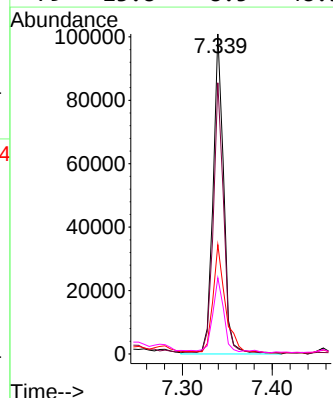
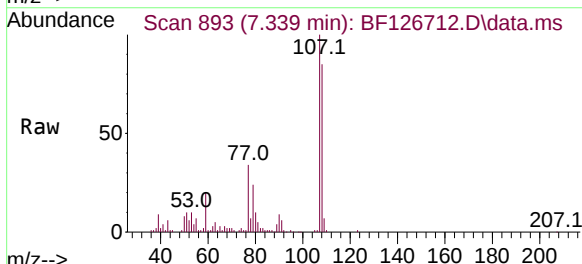
Instrument :
BNA_F
ClientSampleId :
MANHOLE

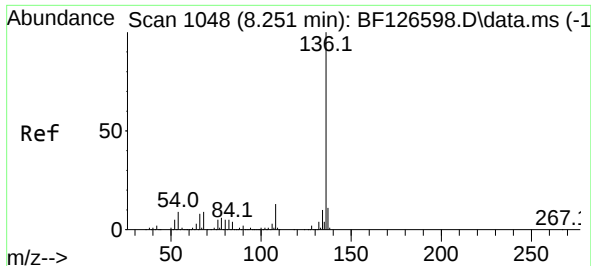
Tgt Ion:107 Resp: 46171
Ion Ratio Lower Upper
107 100
108 153.2 93.4 140.0#
77 134.2 36.1 54.1#
79 212.2 34.9 52.3#



#20
3+4-Methylphenols
Concen: 5.954 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

Tgt Ion:107 Resp: 83828
Ion Ratio Lower Upper
107 100
108 84.7 72.4 112.4
77 34.2 83.8 123.8#
79 23.8 8.5 48.5

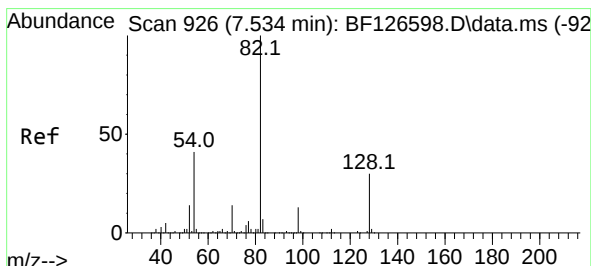
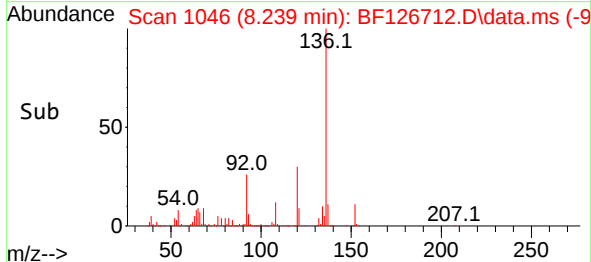
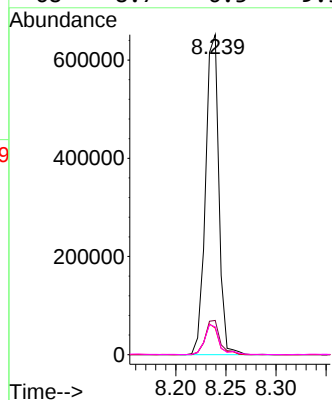
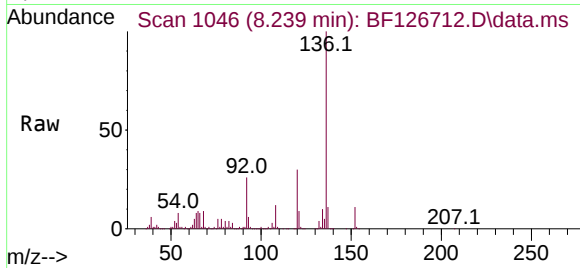




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

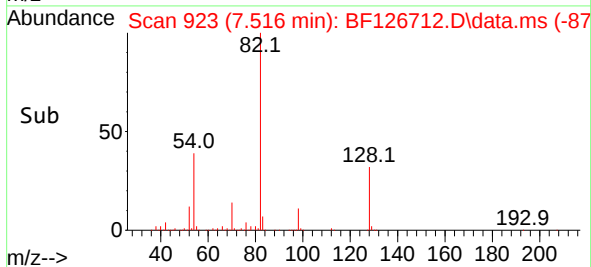
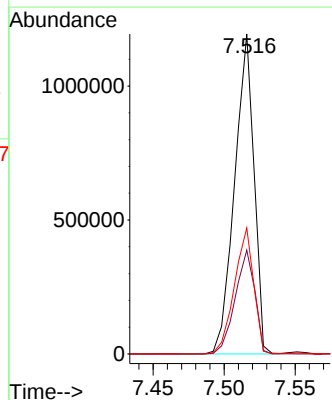
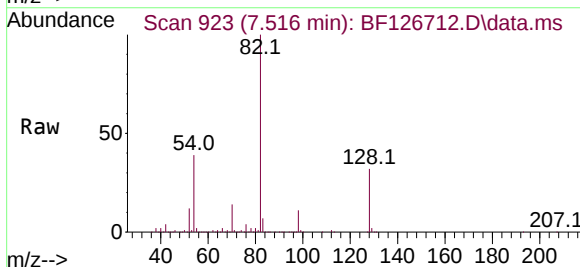
Instrument :
BNA_F
ClientSampleId :
MANHOLE

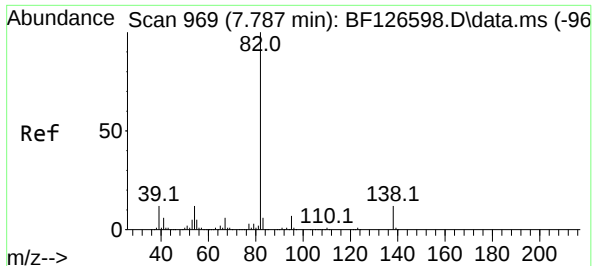
Tgt Ion:	136	Resp:	604018
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.3	7.8	11.6
68	8.7	6.3	9.5



#23
Nitrobenzene-d5
Concen: 73.552 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

Tgt Ion:	82	Resp:	1135043
Ion	Ratio	Lower	Upper
82	100		
128	32.5	32.7	49.1#
54	39.4	41.7	62.5#

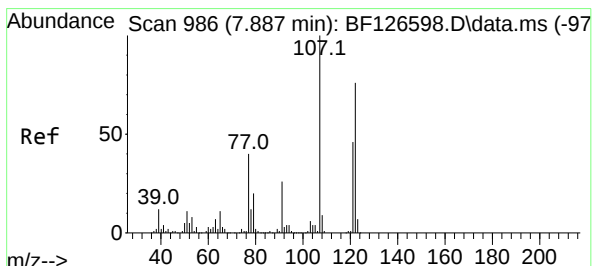
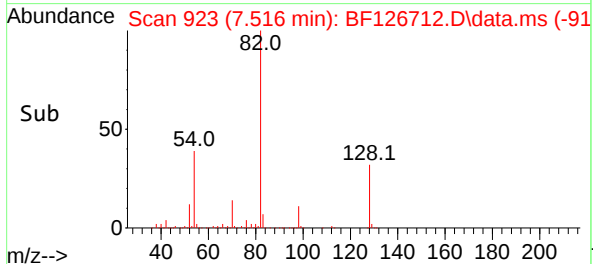
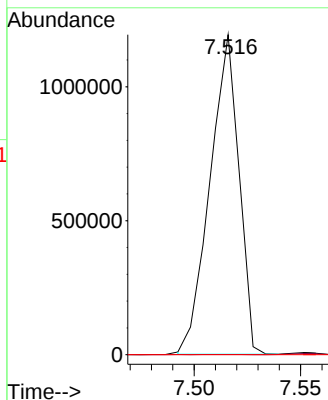
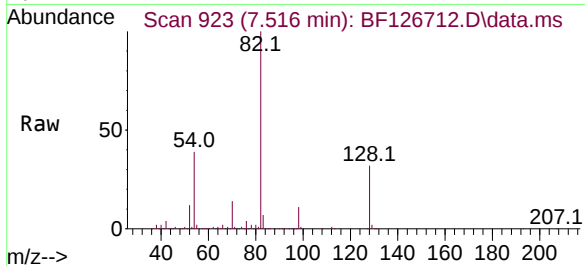




#25
Isophorone
Concen: 37.601 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

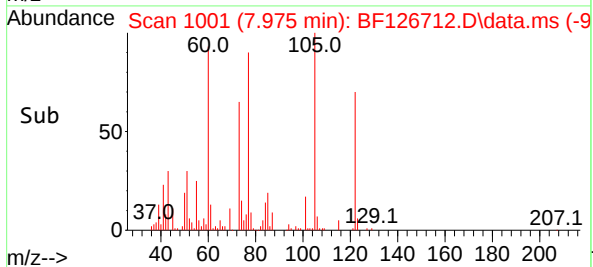
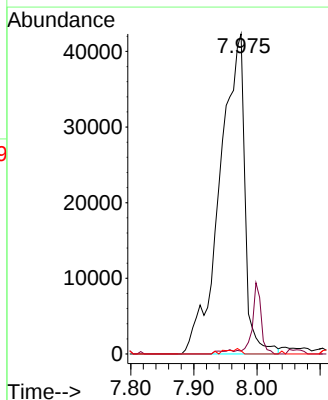
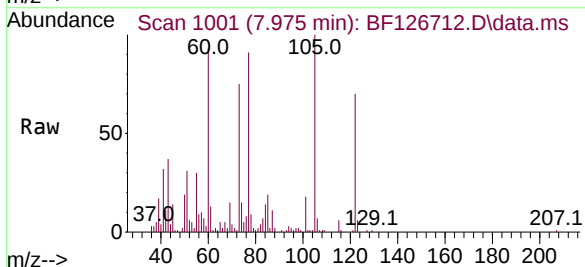
Instrument :
BNA_F
ClientSampleId :
MANHOLE

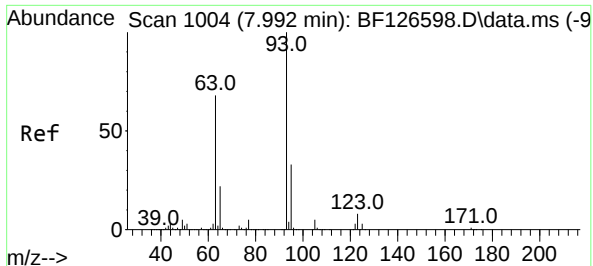
Tgt Ion: 82 Resp: 1125305
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#27
2,4-Dimethylphenol
Concen: 11.763 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.094 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

Tgt Ion:122 Resp: 116007
Ion Ratio Lower Upper
122 100
107 0.9 91.2 136.8#
121 1.0 44.4 66.6#





#28

bis(2-Chloroethoxy)methane

Concen: 10.143 ng

RT: 8.251 min Scan# 1048

Delta R.T. 0.265 min

Lab File: BF126712.D

Acq: 27 Jan 2022 18:09

Instrument :

BNA_F

ClientSampleId :

MANHOLE

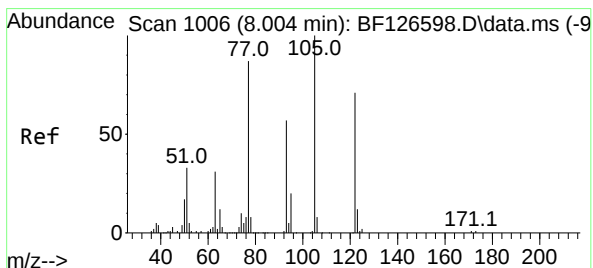
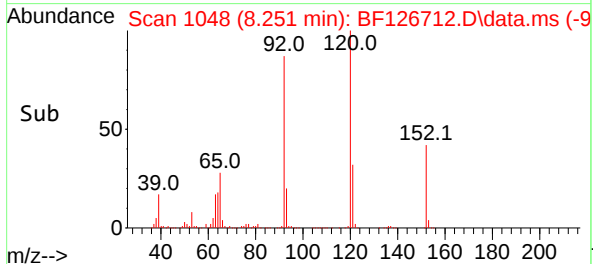
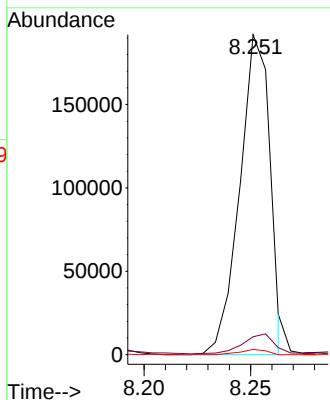
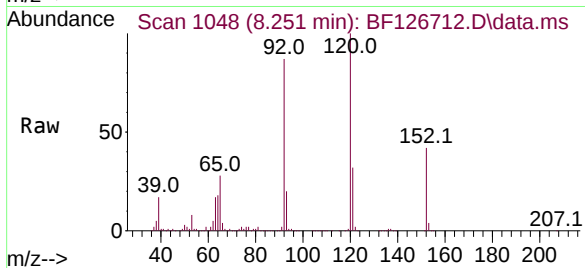
Tgt Ion: 93 Resp: 189315

Ion Ratio Lower Upper

93 100

95 5.6 25.4 38.2#

123 1.7 8.9 13.3#



#32

Benzoic acid

Concen: 20.737 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.018 min

Lab File: BF126712.D

Acq: 27 Jan 2022 18:09

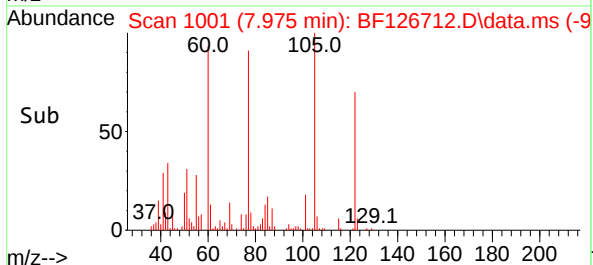
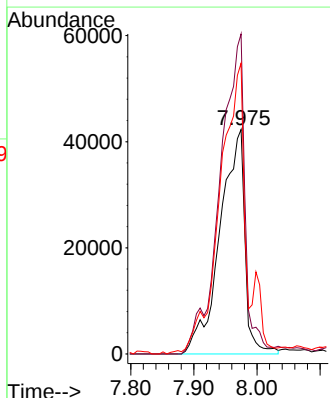
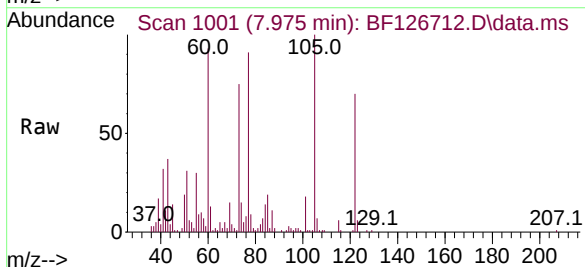
Tgt Ion:122 Resp: 116007

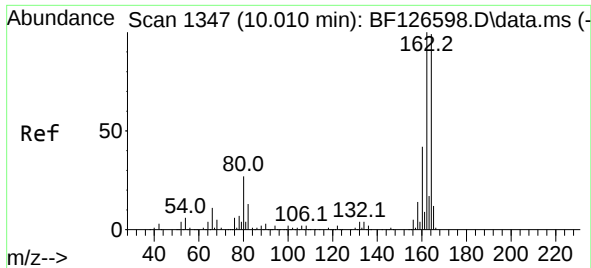
Ion Ratio Lower Upper

122 100

105 142.5 101.0 141.0#

77 129.5 74.5 114.5#

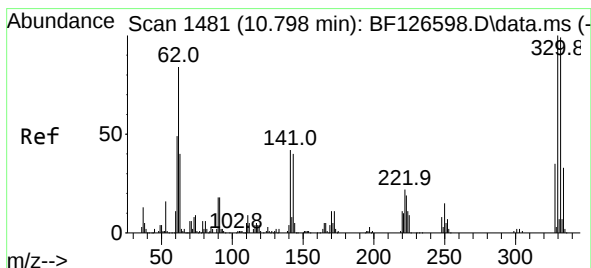
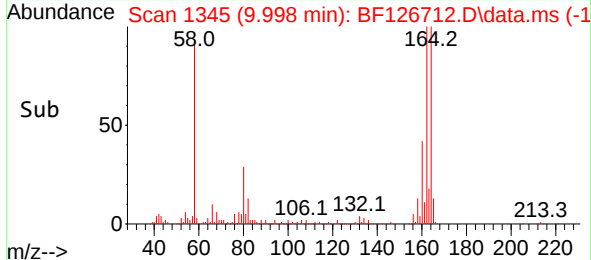
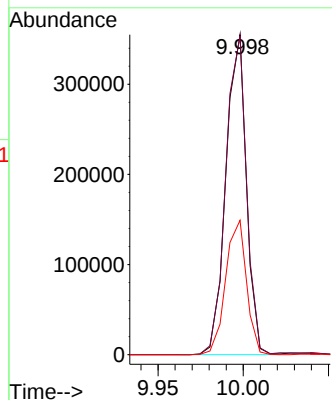
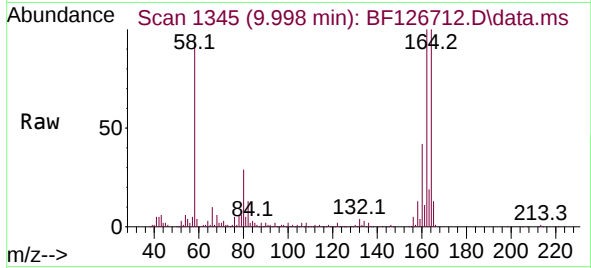




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

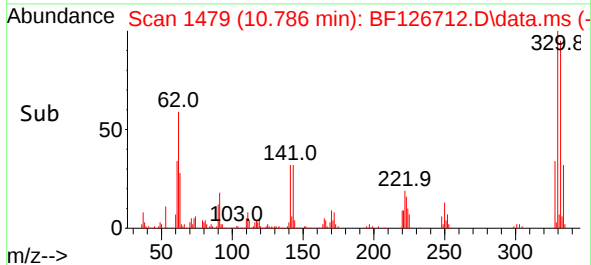
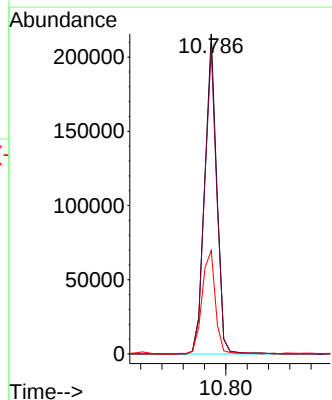
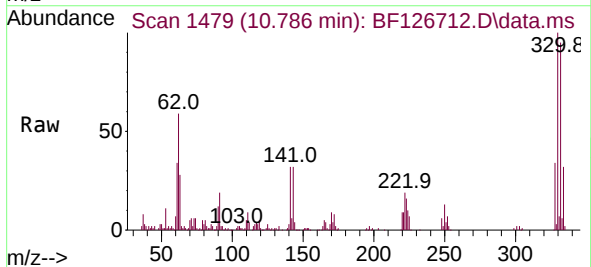
Instrument :
BNA_F
ClientSampleId :
MANHOLE

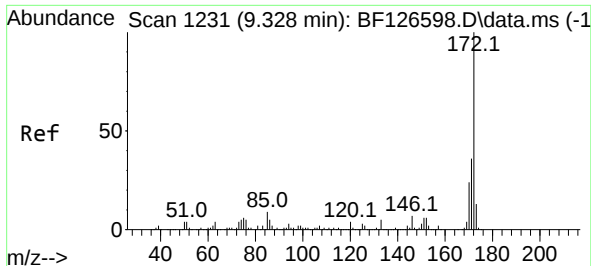
Tgt Ion:164 Resp: 296224
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 42.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 61.056 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

Tgt Ion:330 Resp: 169259
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 36.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 69.468 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126712.D

Acq: 27 Jan 2022 18:09

Instrument :

BNA_F

ClientSampleId :

MANHOLE

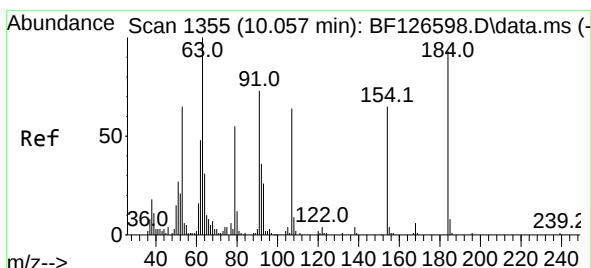
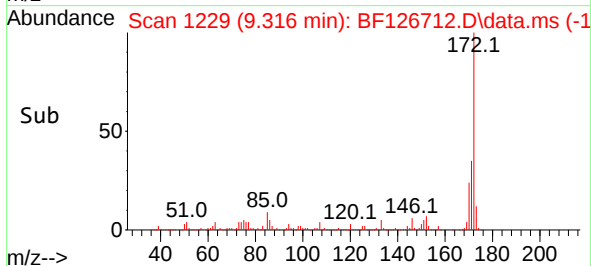
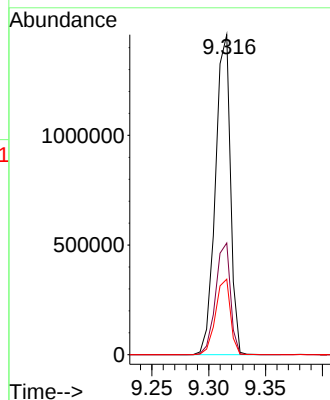
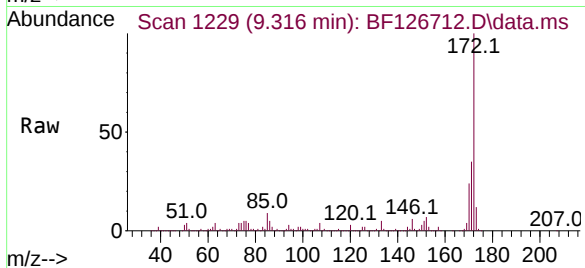
Tgt Ion:172 Resp: 1343661

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.6 19.0 28.6



#54

2,4-Dinitrophenol

Concen: 5.145 ng

RT: 10.045 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BF126712.D

Acq: 27 Jan 2022 18:09

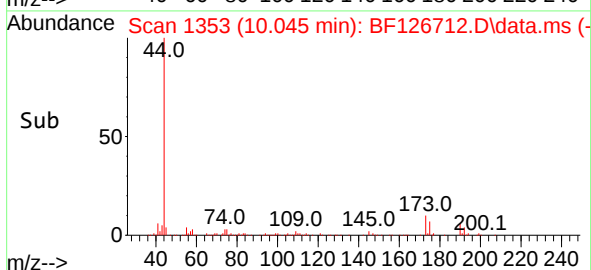
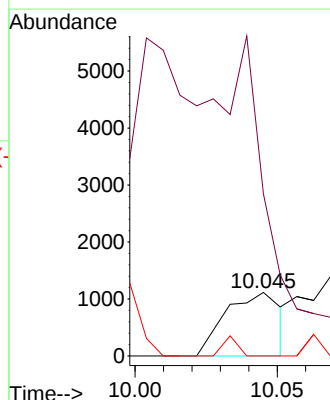
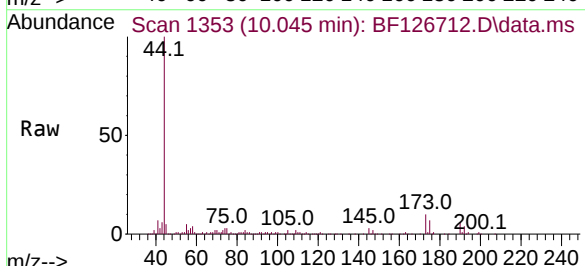
Tgt Ion:184 Resp: 1505

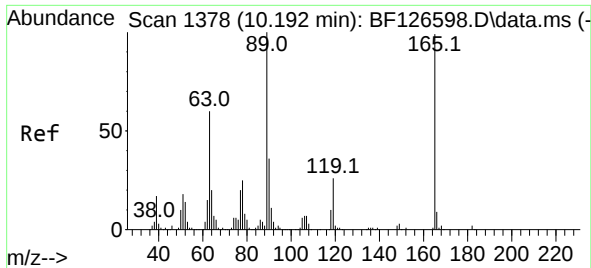
Ion Ratio Lower Upper

184 100

63 255.6 70.4 105.6#

154 0.0 49.7 74.5#

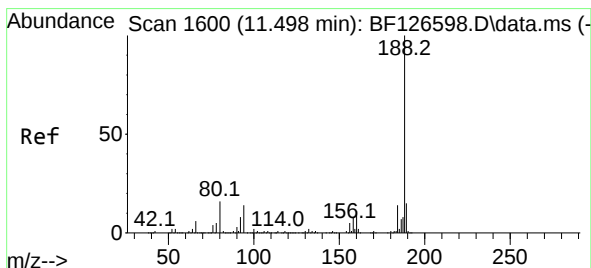
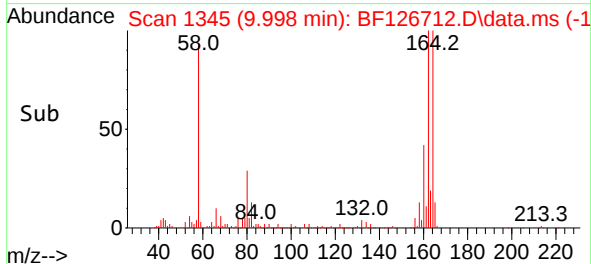
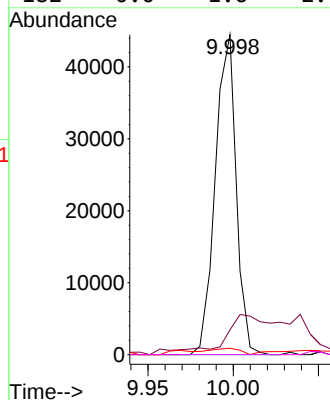
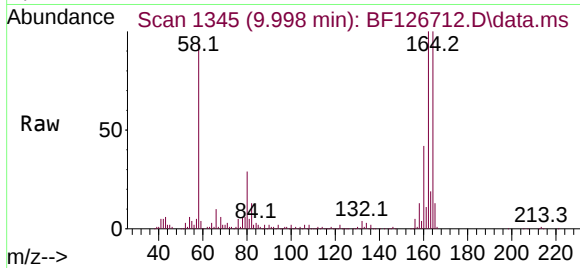




#57
2,4-Dinitrotoluene
Concen: 8.611 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

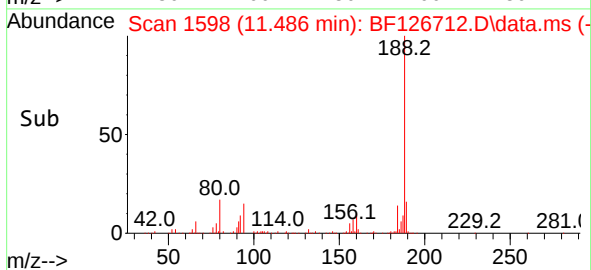
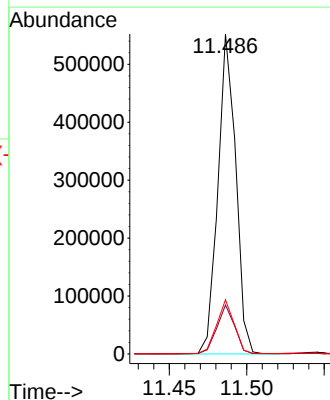
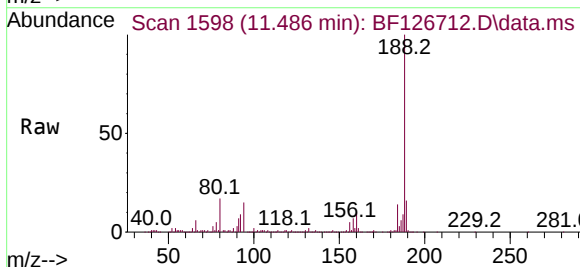
Instrument :
BNA_F
ClientSampleId :
MANHOLE

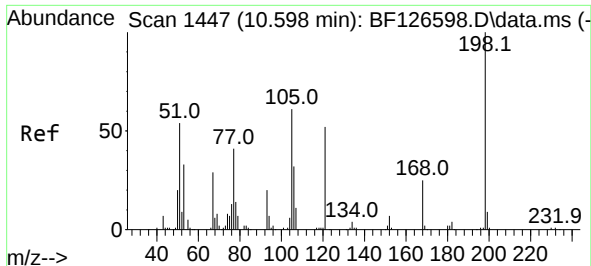
Tgt Ion:165 Resp: 37881
Ion Ratio Lower Upper
165 100
63 7.8 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

Tgt Ion:188 Resp: 442225
Ion Ratio Lower Upper
188 100
94 15.3 10.1 15.1#
80 17.0 11.8 17.6

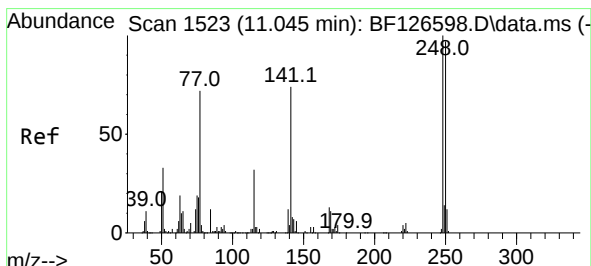
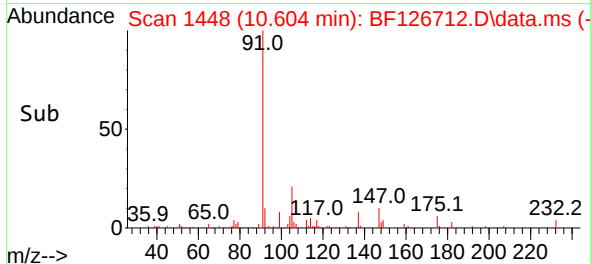
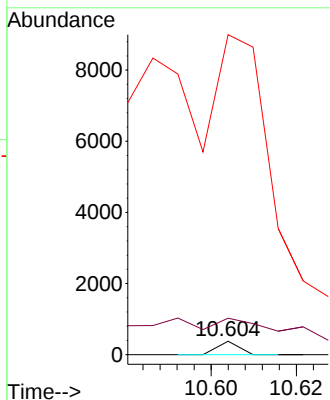
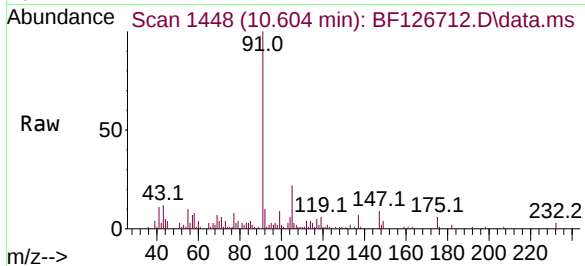




#65
4,6-Dinitro-2-methylphenol
Concen: 7.425 ng
RT: 10.604 min Scan# 1447
Delta R.T. 0.012 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

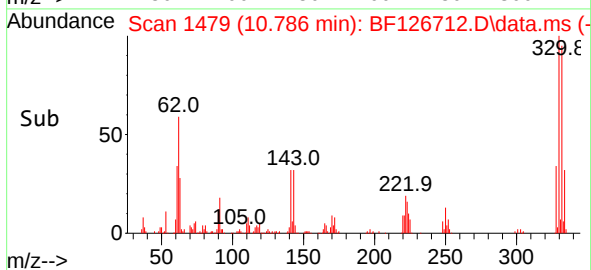
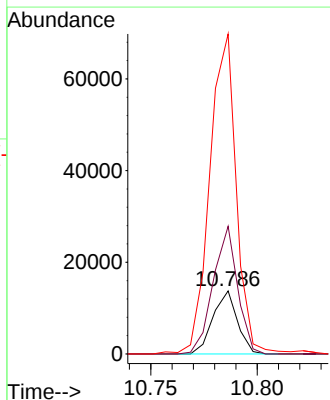
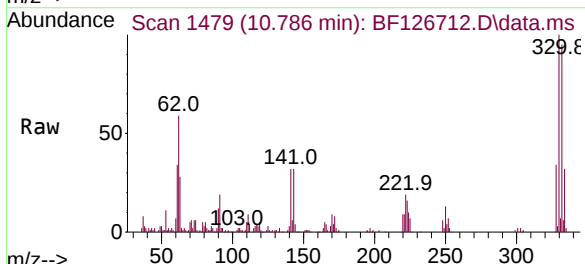
Instrument :
BNA_F
ClientSampleId :
MANHOLE

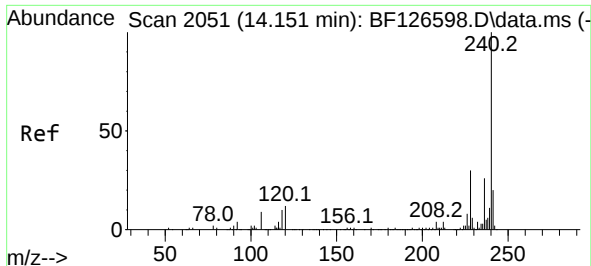
Tgt Ion:198 Resp: 133
Ion Ratio Lower Upper
198 100
51 273.1 32.0 72.0#
105 2392.6 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 2.144 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

Tgt Ion:248 Resp: 10929
Ion Ratio Lower Upper
248 100
250 202.4 76.2 114.4#
141 507.4 66.2 99.4#

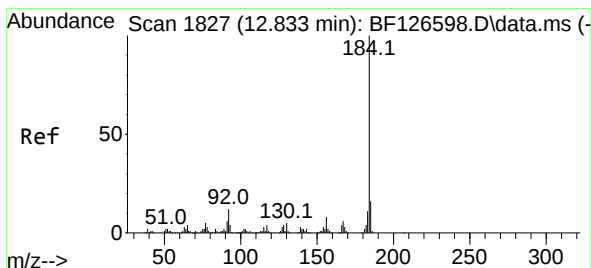
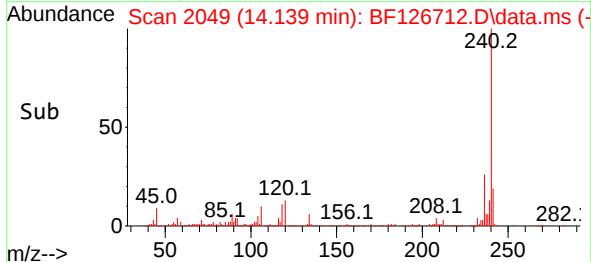
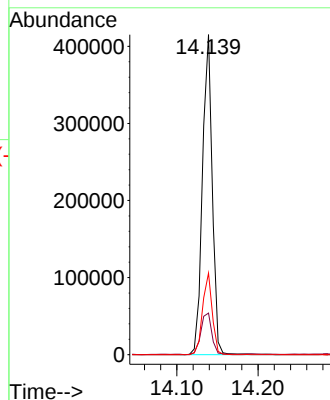
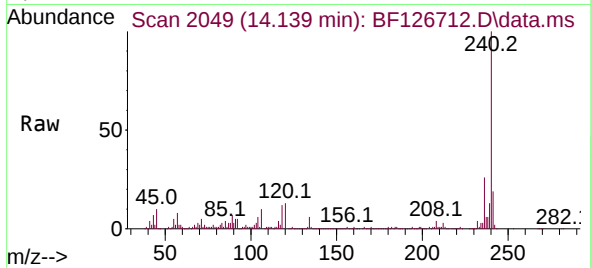




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

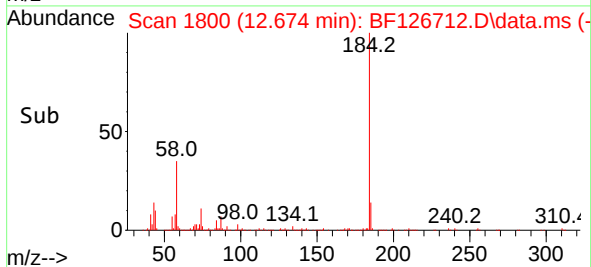
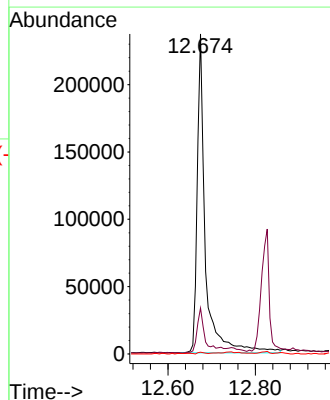
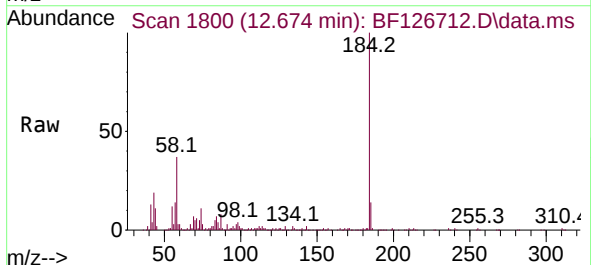
Instrument :
BNA_F
ClientSampleId :
MANHOLE

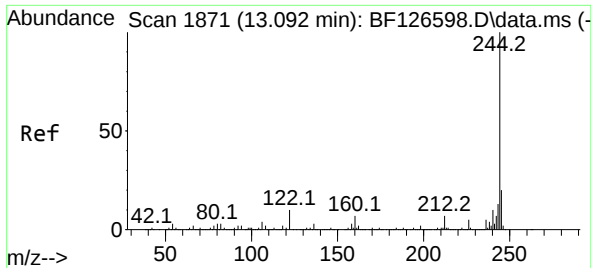
Tgt Ion:240 Resp: 349563
Ion Ratio Lower Upper
240 100
120 13.0 14.4 21.6#
236 25.5 20.5 30.7



#77
Benzidine
Concen: 25.600 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.153 min
Lab File: BF126712.D
Acq: 27 Jan 2022 18:09

Tgt Ion:184 Resp: 308715
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 0.6 8.2 12.2#

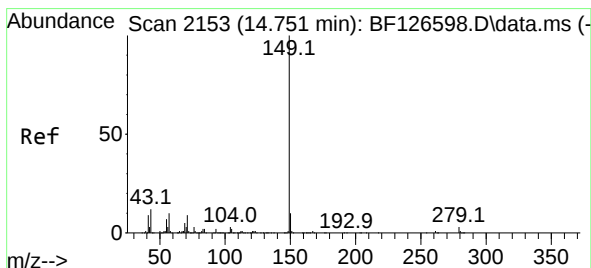
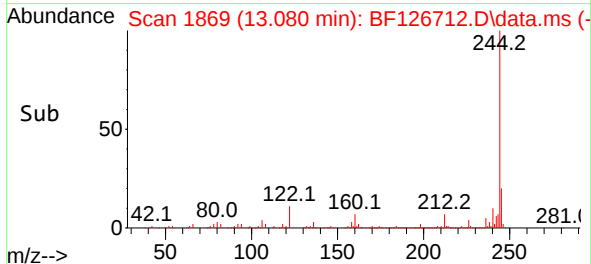
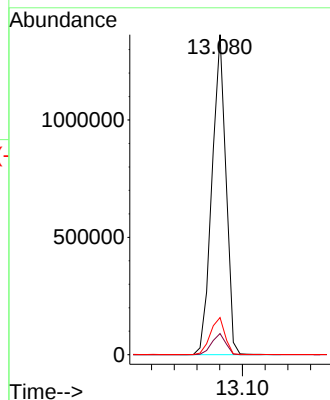
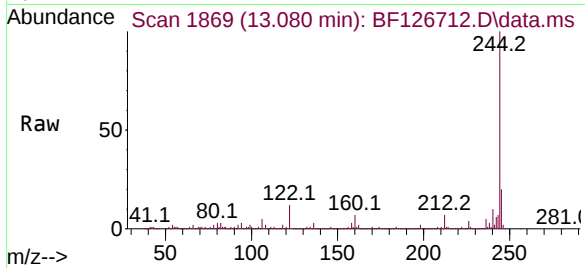




#79
 Terphenyl-d14
 Concen: 55.703 ng
 RT: 13.080 min Scan# 1869
 Delta R.T. 0.000 min
 Lab File: BF126712.D
 Acq: 27 Jan 2022 18:09

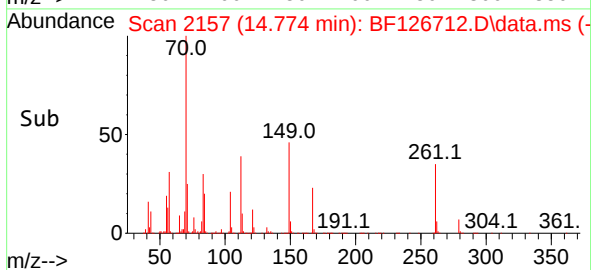
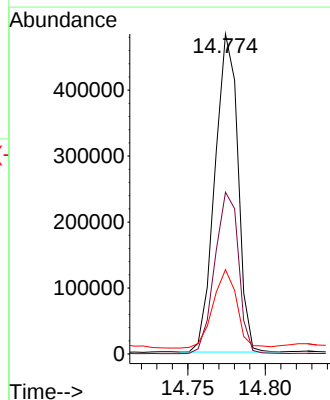
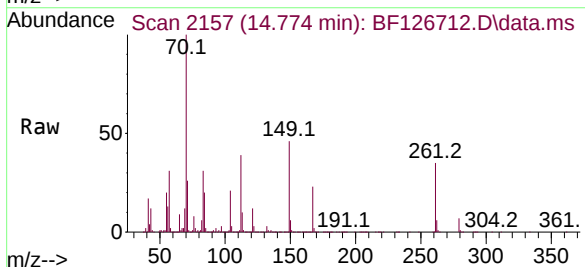
Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

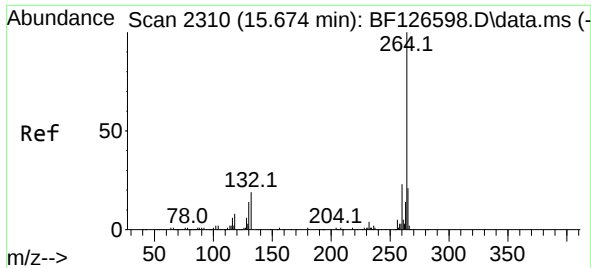
Tgt Ion:244 Resp: 1160911
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 11.6 13.3 19.9#



#85
 Di-n-octyl phthalate
 Concen: 19.563 ng
 RT: 14.774 min Scan# 2157
 Delta R.T. 0.041 min
 Lab File: BF126712.D
 Acq: 27 Jan 2022 18:09

Tgt Ion:149 Resp: 498170
 Ion Ratio Lower Upper
 149 100
 167 52.5 1.1 1.7#
 43 25.4 9.9 14.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.662 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126712.D

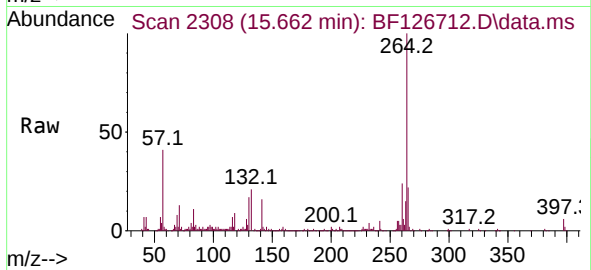
Acq: 27 Jan 2022 18:09

Instrument :

BNA_F

ClientSampleId :

MANHOLE



Tgt Ion:264 Resp: 352501

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.6 17.4 26.2

