

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137722.D
 Acq On : 24 Apr 2024 17:12
 Operator : CG\JU
 Sample : P2208-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LNG-11

Quant Time: Apr 24 17:49:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

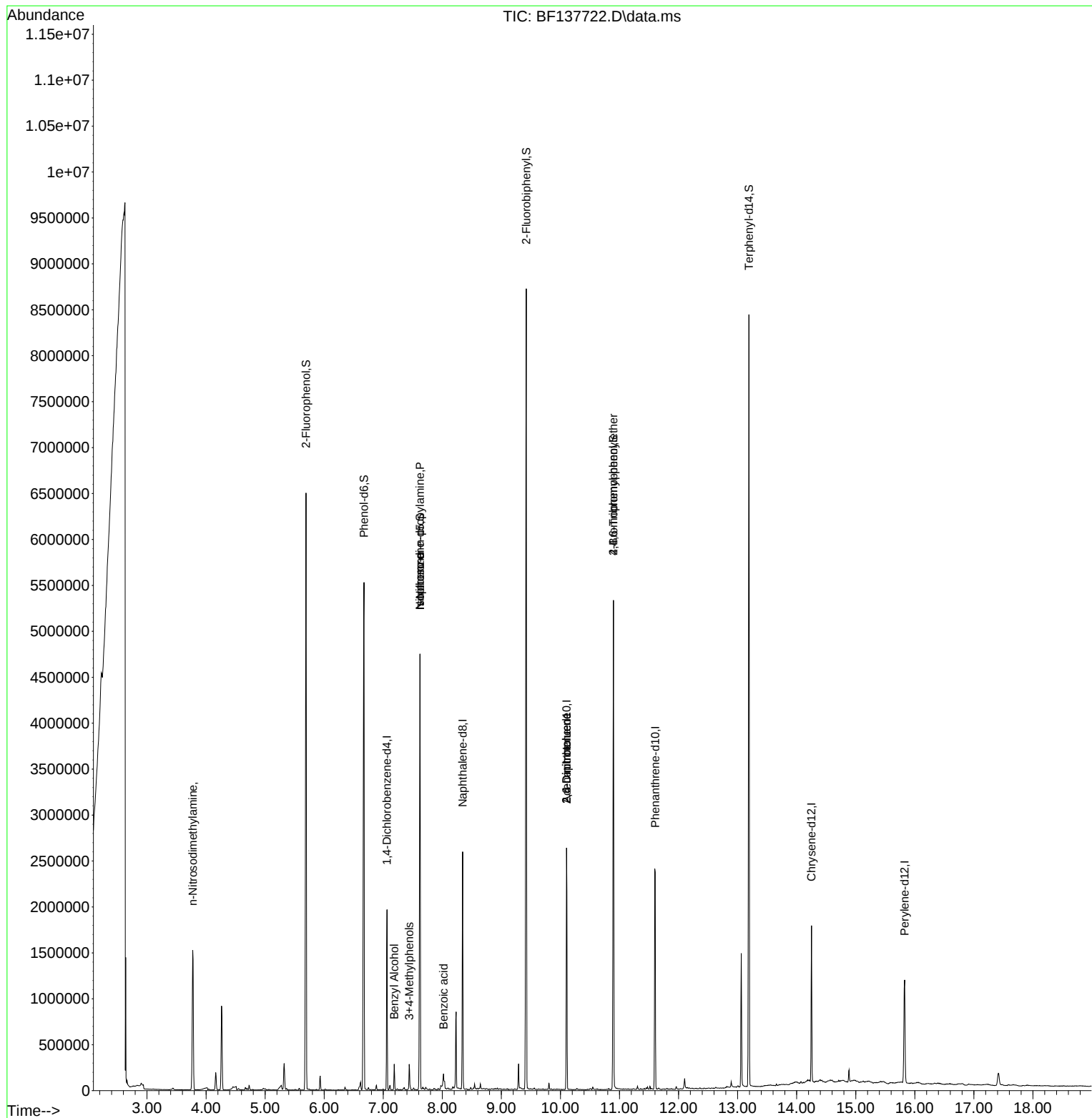
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	263474	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1028691	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	541711	20.000	ng	-0.01
64) Phenanthrene-d10	11.604	188	890988	20.000	ng	# 0.00
76) Chrysene-d12	14.251	240	499433	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	544453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1856906	107.058	ng	0.01
7) Phenol-d6	6.675	99	2175516	98.770	ng	0.00
23) Nitrobenzene-d5	7.622	82	1499755	77.391	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	640489	117.171	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2773207	76.494	ng	0.00
79) Terphenyl-d14	13.192	244	2876748	92.711	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.775	42	53625	5.554	ng	# 1
15) Benzyl Alcohol	7.186	79	45273	2.748	ng	98
19) n-Nitroso-di-n-propyla...	7.622	70	202087	14.189	ng	# 77
20) 3+4-Methylphenols	7.439	107	56614	2.725	ng	93
25) Isophorone	7.622	82	1498285	41.630	ng	# 64
32) Benzoic acid	8.022	122	44403	4.046	ng	95
51) 2,6-Dinitrotoluene	10.104	165	70169	8.824	ng	# 23
57) 2,4-Dinitrotoluene	10.104	165	70169	6.999	ng	# 25
67) 4-Bromophenyl-phenylether	10.898	248	43039	4.169	ng	# 1

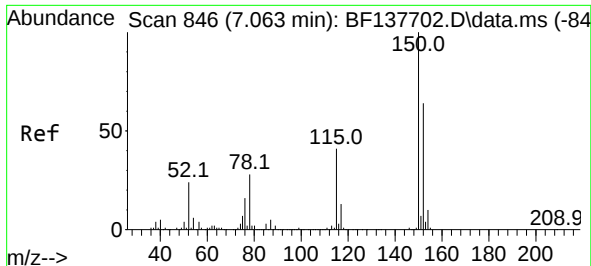
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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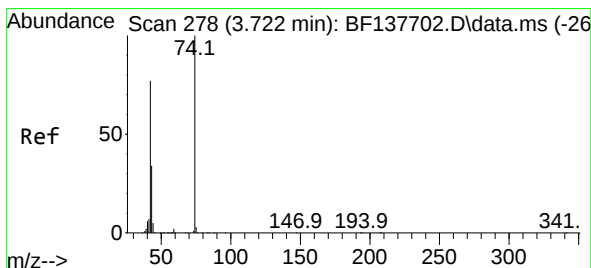
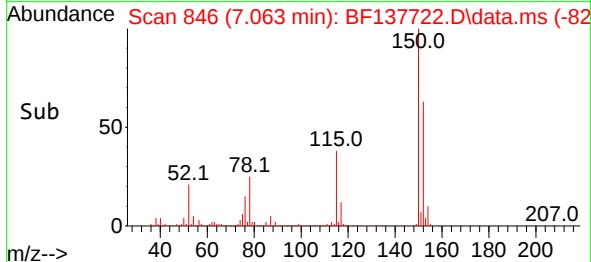
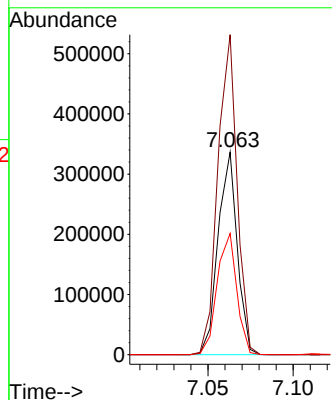
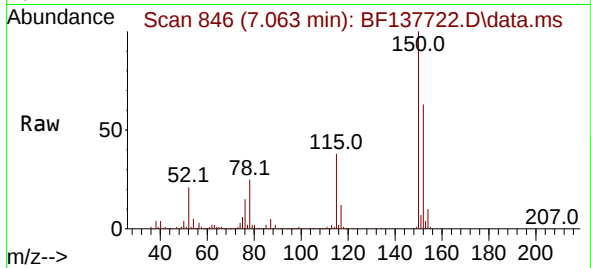




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

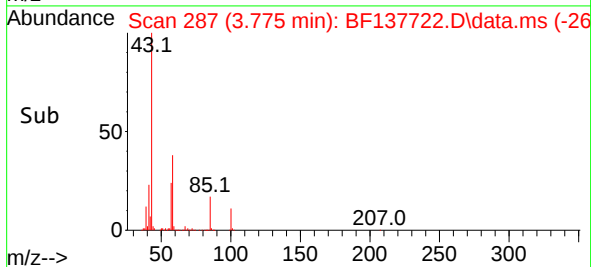
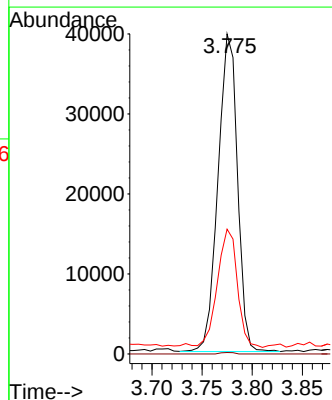
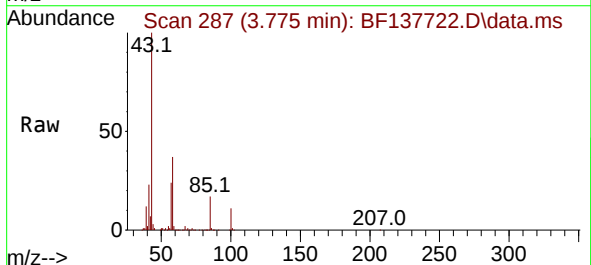
Instrument :
BNA_F
ClientSampleId :
LNG-11

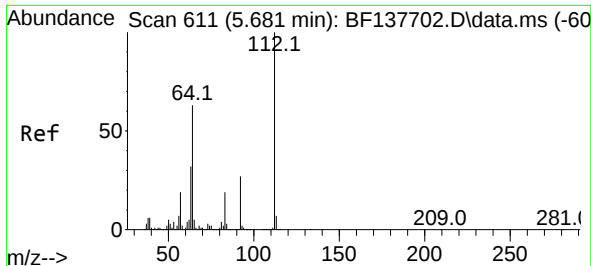
Tgt Ion:152 Resp: 263474
Ion Ratio Lower Upper
152 100
150 158.0 124.2 186.4
115 59.9 50.8 76.2



#4
n-Nitrosodimethylamine
Concen: 5.554 ng
RT: 3.775 min Scan# 287
Delta R.T. 0.053 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

Tgt Ion: 42 Resp: 53625
Ion Ratio Lower Upper
42 100
74 0.5 103.4 155.2#
44 39.0 5.5 8.3#

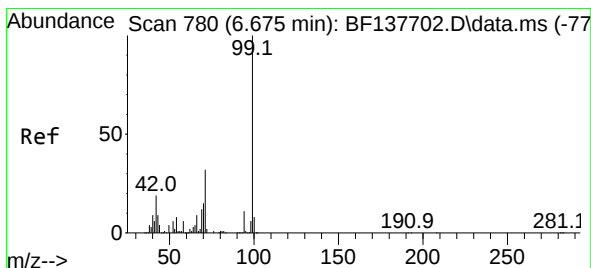
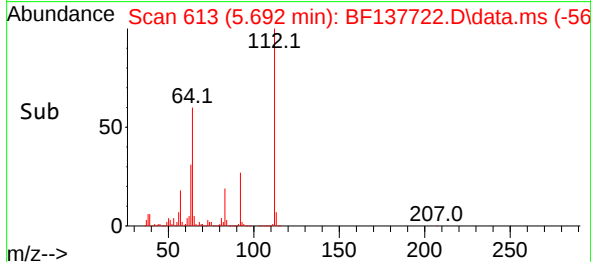
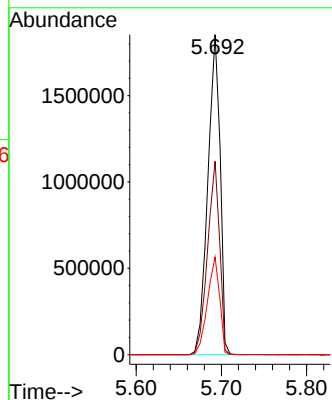
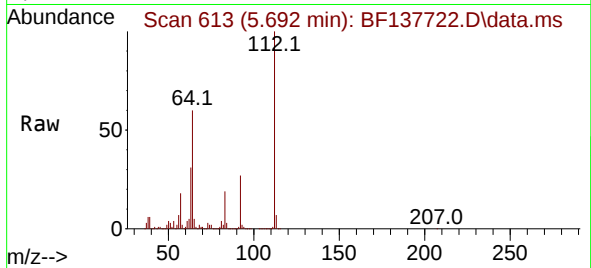




#5
2-Fluorophenol
Concen: 107.058 ng
RT: 5.692 min Scan# 611
Delta R.T. 0.012 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

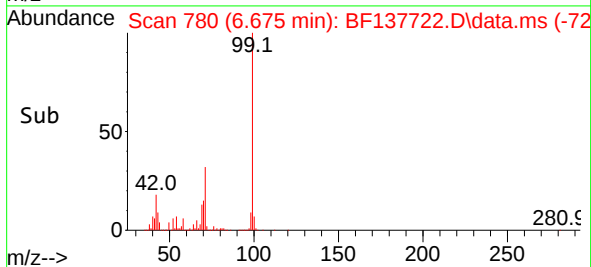
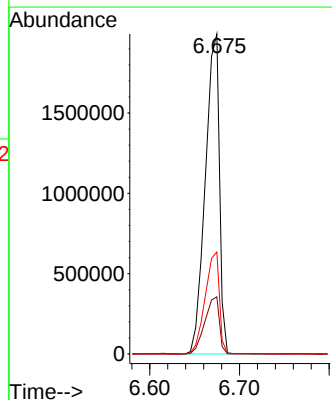
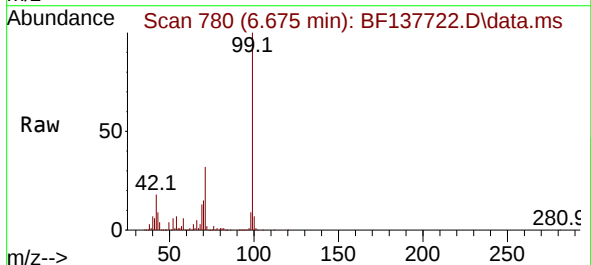
Instrument :
BNA_F
ClientSampleId :
LNG-11

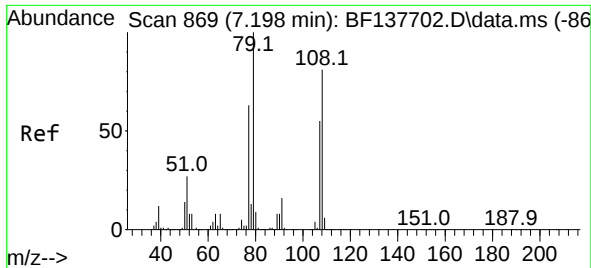
Tgt Ion:112 Resp: 1856906
Ion Ratio Lower Upper
112 100
64 60.5 50.1 75.1
63 30.5 25.2 37.8



#7
Phenol-d6
Concen: 98.770 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

Tgt Ion: 99 Resp: 2175516
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.4
71 31.8 25.7 38.5

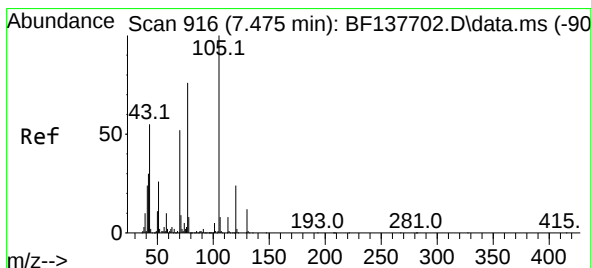
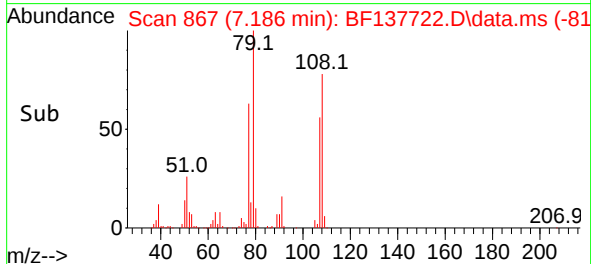
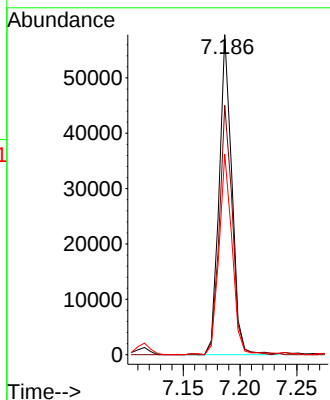
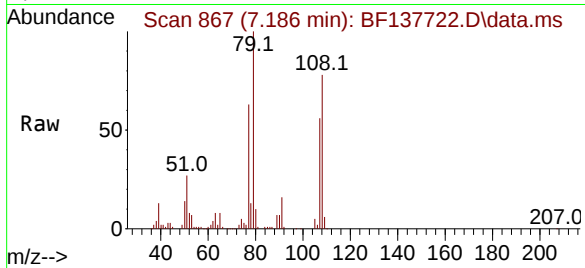




#15
Benzyl Alcohol
Concen: 2.748 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

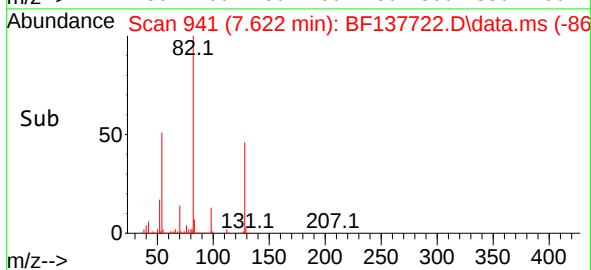
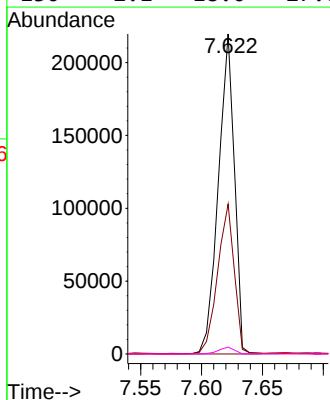
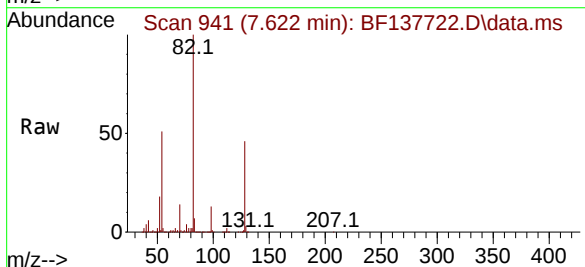
Instrument :
BNA_F
ClientSampleId :
LNG-11

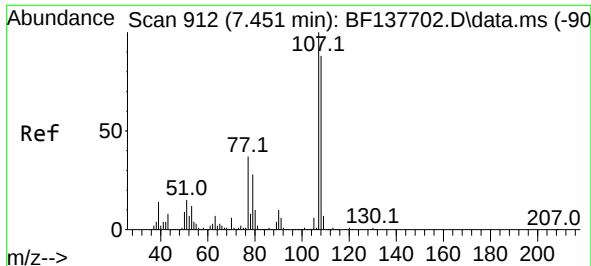
Tgt Ion: 79 Resp: 45273
Ion Ratio Lower Upper
79 100
108 77.9 64.8 97.2
77 62.7 50.3 75.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.189 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

Tgt Ion: 70 Resp: 202087
Ion Ratio Lower Upper
70 100
42 46.9 45.9 68.9
101 0.0 8.0 12.0#
130 2.1 18.0 27.0#





#20

3+4-Methylphenols

Concen: 2.725 ng

RT: 7.439 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137722.D

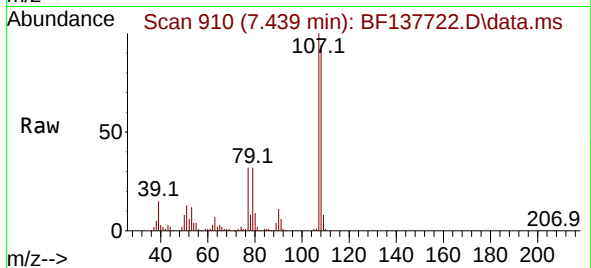
Acq: 24 Apr 2024 17:12

Instrument :

BNA_F

ClientSampleId :

LNG-11



Tgt Ion:107 Resp: 56614

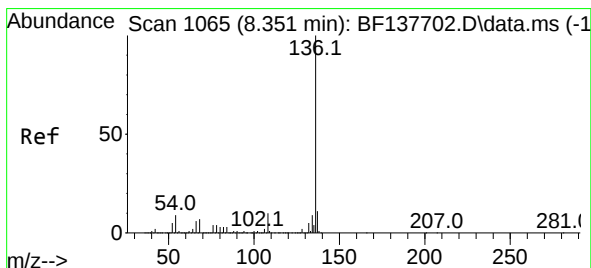
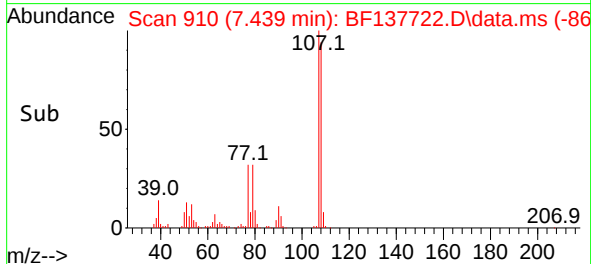
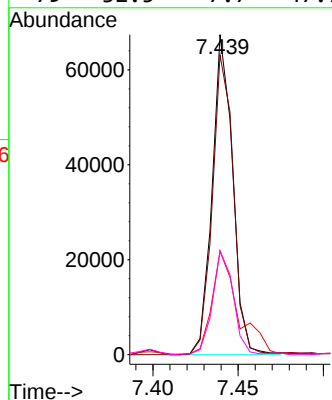
Ion Ratio Lower Upper

107 100

108 93.7 68.2 108.2

77 32.3 16.8 56.8

79 32.5 7.7 47.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.345 min Scan# 1064

Delta R.T. -0.006 min

Lab File: BF137722.D

Acq: 24 Apr 2024 17:12

Tgt Ion:136 Resp: 1028691

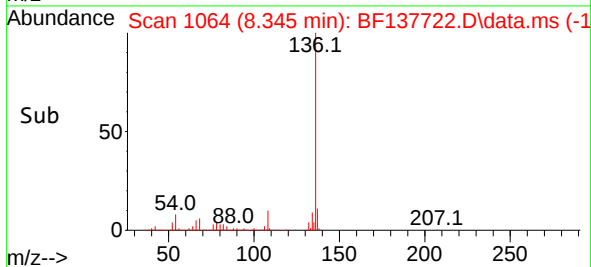
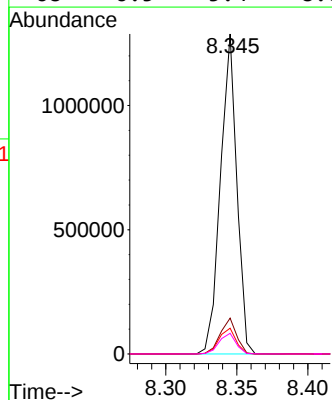
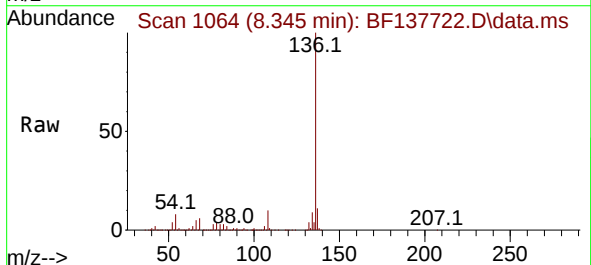
Ion Ratio Lower Upper

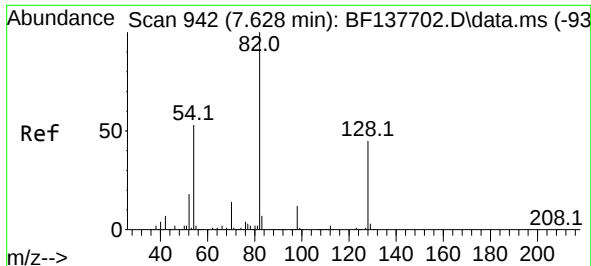
136 100

137 11.2 8.8 13.2

54 8.1 6.9 10.3

68 6.5 5.4 8.0

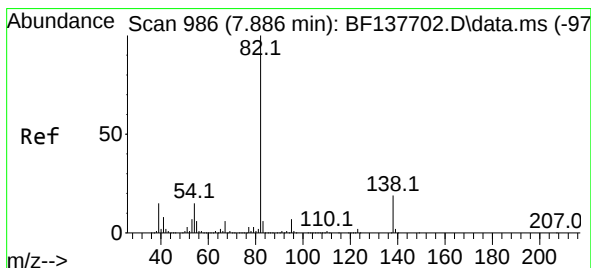
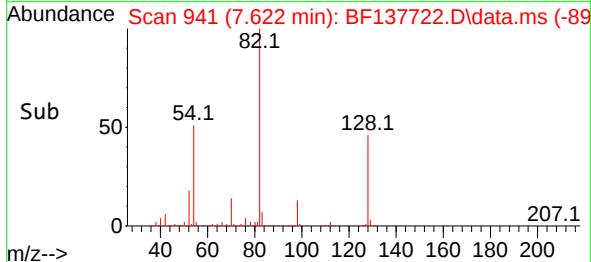
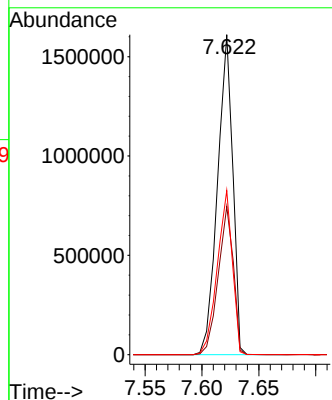
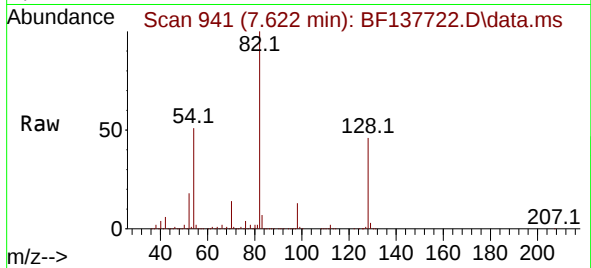




#23
Nitrobenzene-d5
Concen: 77.391 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

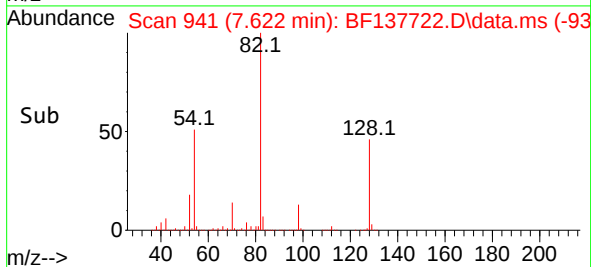
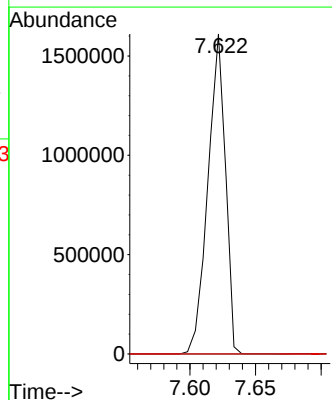
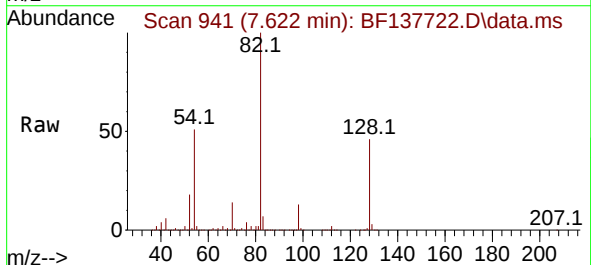
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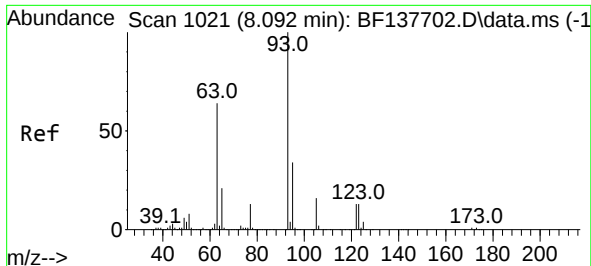
Tgt Ion: 82 Resp: 1499755
Ion Ratio Lower Upper
82 100
128 46.3 35.8 53.6
54 51.3 42.5 63.7



#25
Isophorone
Concen: 41.630 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

Tgt Ion: 82 Resp: 1498285
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#

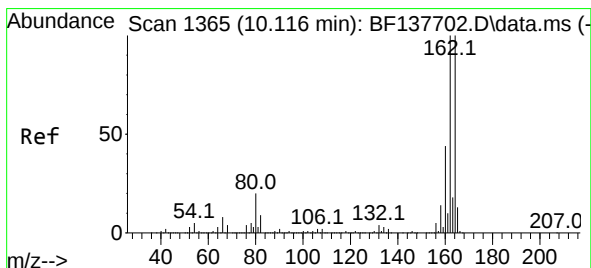
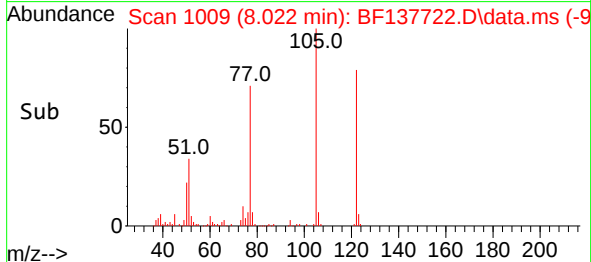
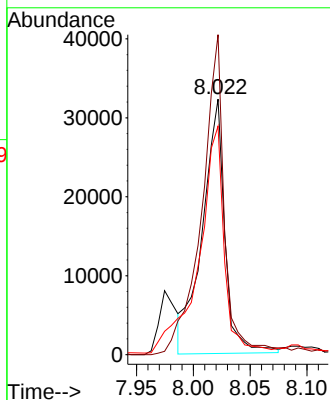
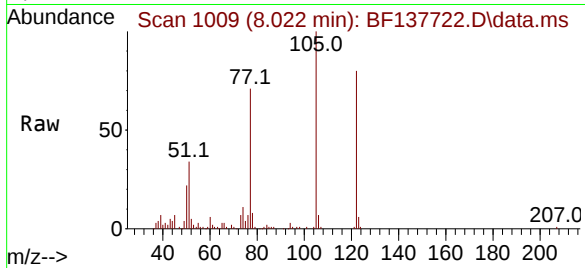




#32
Benzoic acid
Concen: 4.046 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.070 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

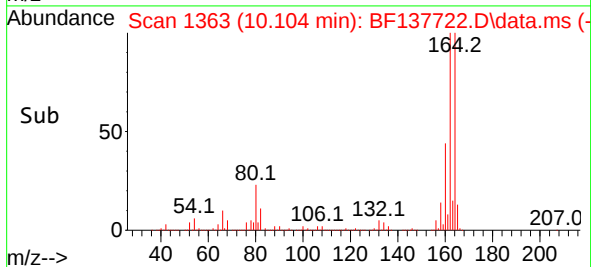
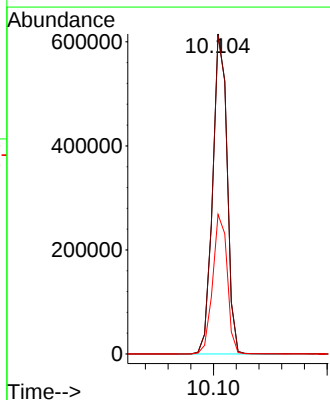
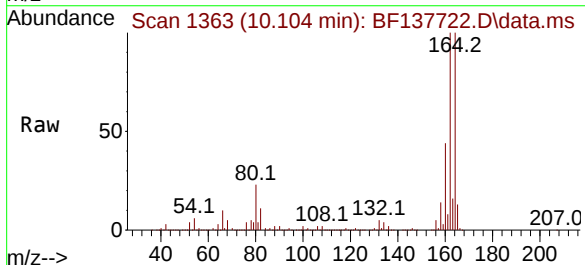
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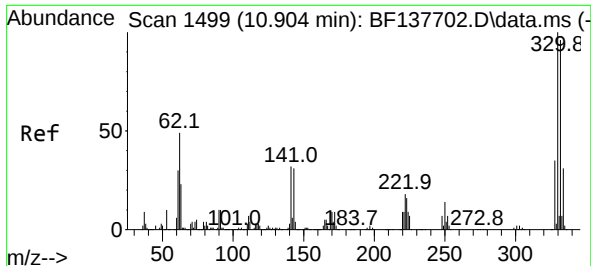
Tgt Ion:122 Resp: 44403
Ion Ratio Lower Upper
122 100
105 125.2 101.1 141.1
77 89.4 75.7 115.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

Tgt Ion:164 Resp: 541711
Ion Ratio Lower Upper
164 100
162 99.6 80.3 120.5
160 43.6 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 117.171 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF137722.D

Acq: 24 Apr 2024 17:12

Instrument :

BNA_F

ClientSampleId :

LNG-11

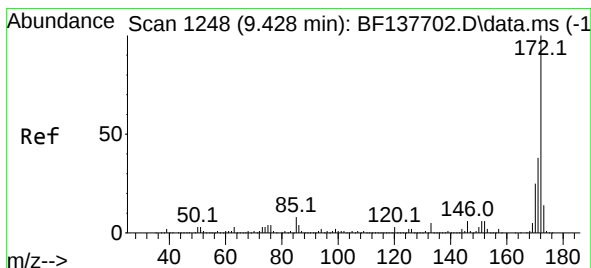
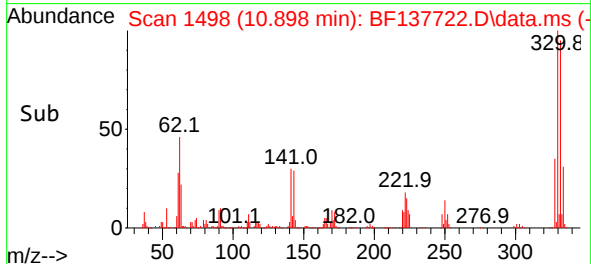
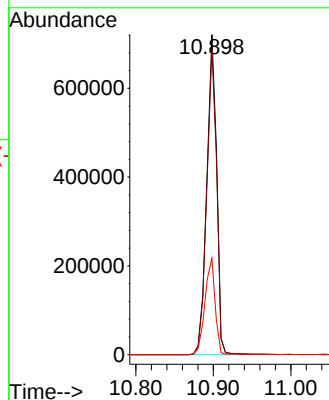
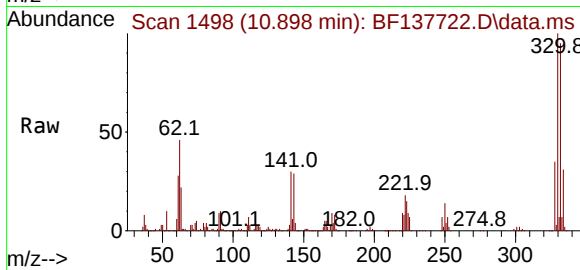
Tgt Ion:330 Resp: 640489

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 31.0 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 76.494 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137722.D

Acq: 24 Apr 2024 17:12

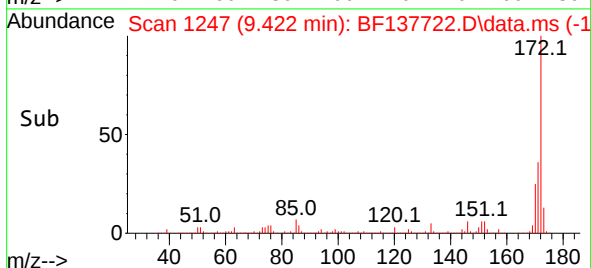
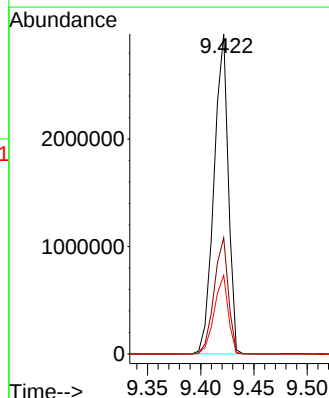
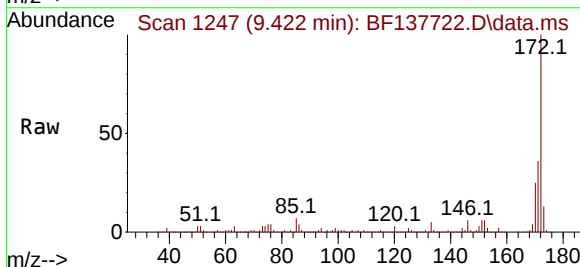
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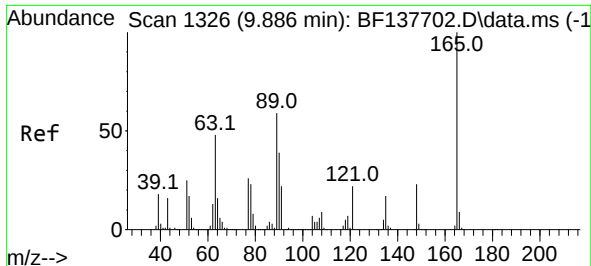
Ion Ratio Lower Upper

172 100

171 36.3 30.2 45.4

170 24.6 20.2 30.4

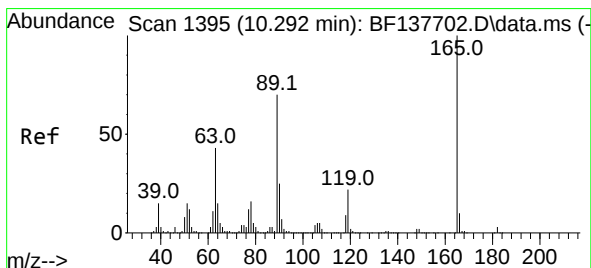
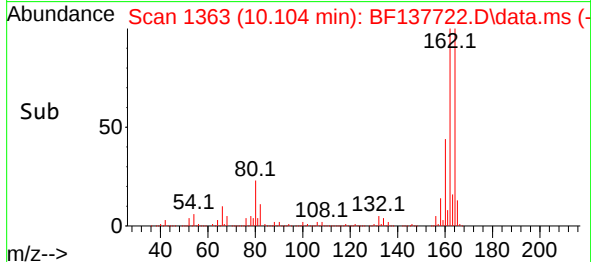
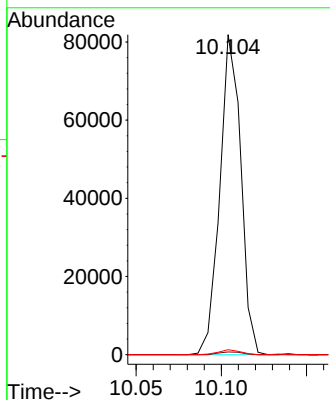
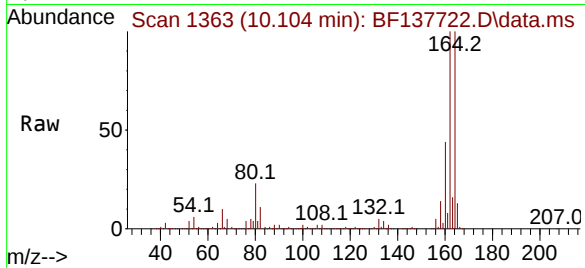




#51
2,6-Dinitrotoluene
Concen: 8.824 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.218 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

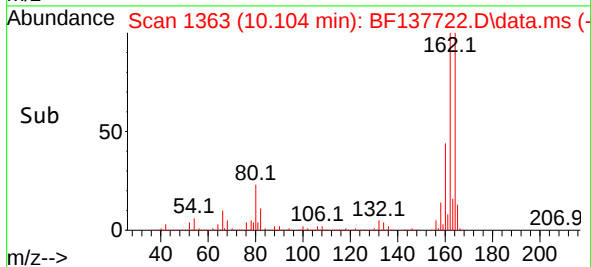
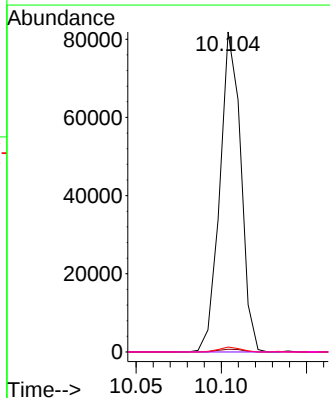
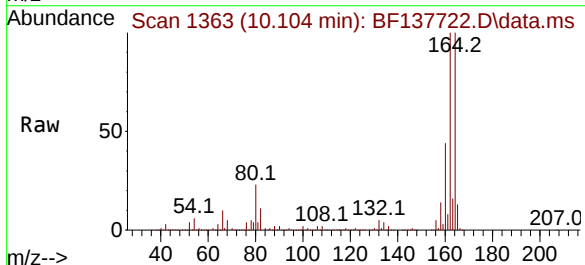
Instrument :
BNA_F
ClientSampleId :
LNG-11

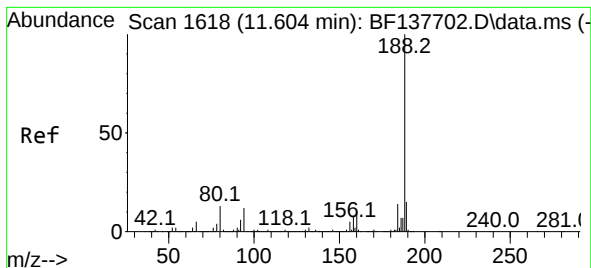
Tgt Ion:165 Resp: 70169
Ion Ratio Lower Upper
165 100
63 0.9 47.7 71.5#
89 1.5 47.3 70.9#



#57
2,4-Dinitrotoluene
Concen: 6.999 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.188 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

Tgt Ion:165 Resp: 70169
Ion Ratio Lower Upper
165 100
63 0.9 34.1 51.1#
89 1.5 56.4 84.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137722.D

Acq: 24 Apr 2024 17:12

Instrument :

BNA_F

ClientSampleId :

LNG-11

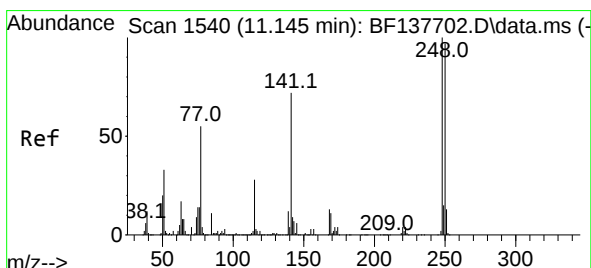
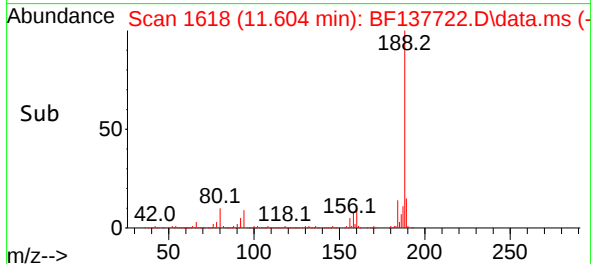
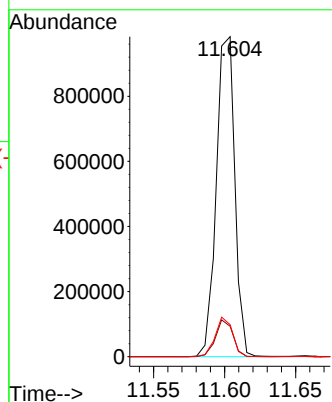
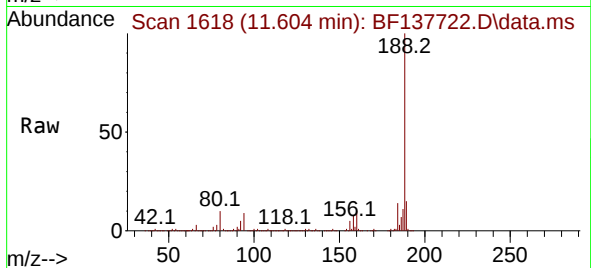
Tgt Ion:188 Resp: 890988

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

80 10.0 10.2 15.4#



#67

4-Bromophenyl-phenylether

Concen: 4.169 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.247 min

Lab File: BF137722.D

Acq: 24 Apr 2024 17:12

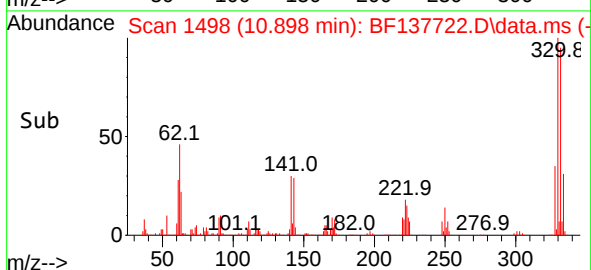
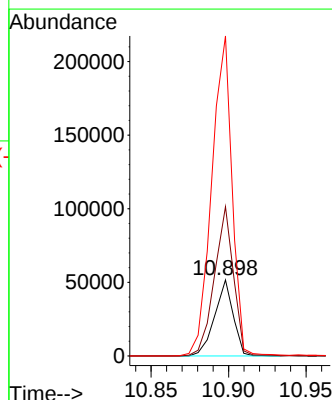
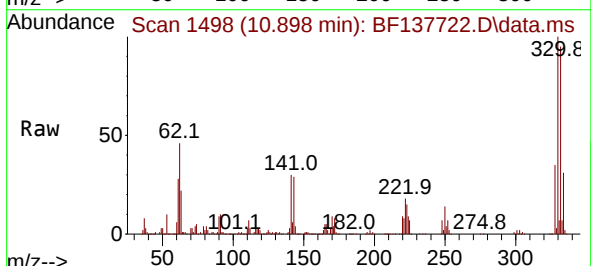
Tgt Ion:248 Resp: 43039

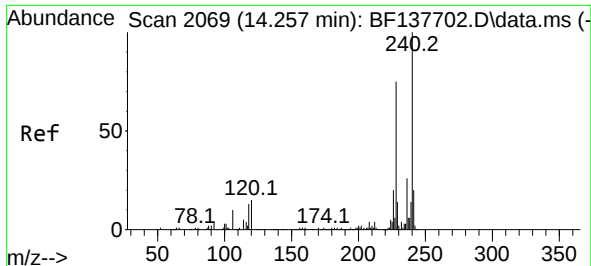
Ion Ratio Lower Upper

248 100

250 196.5 77.4 116.0#

141 420.9 57.9 86.9#

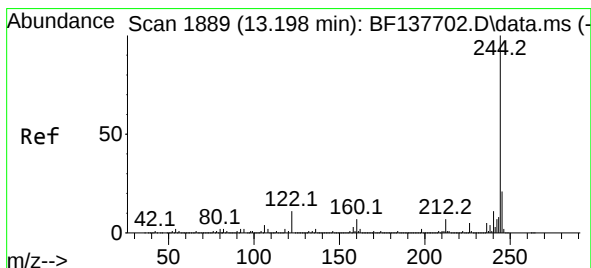
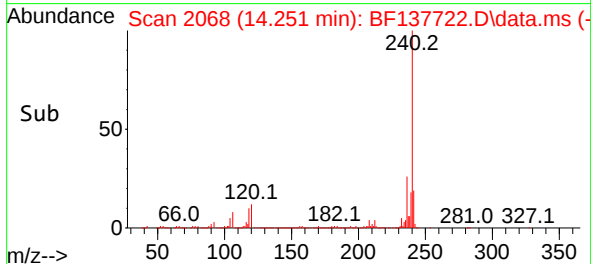
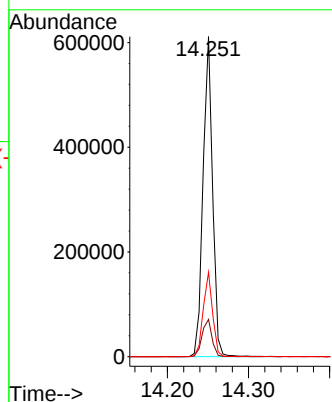
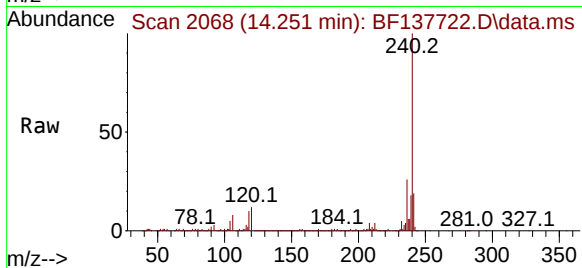




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

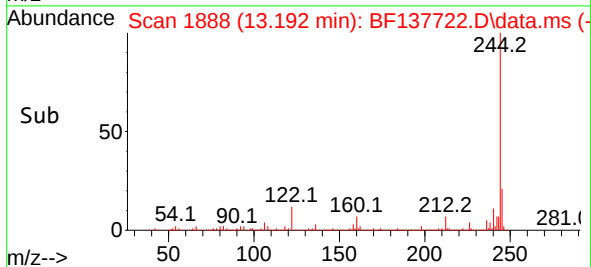
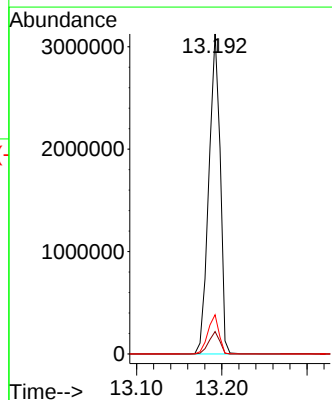
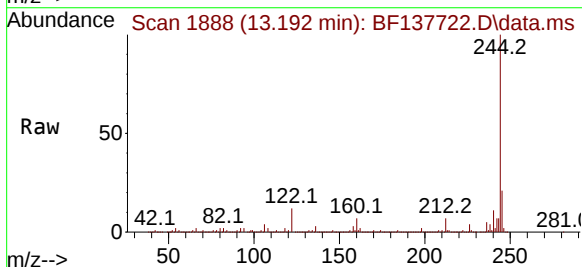
Instrument :
BNA_F
ClientSampleId :
LNG-11

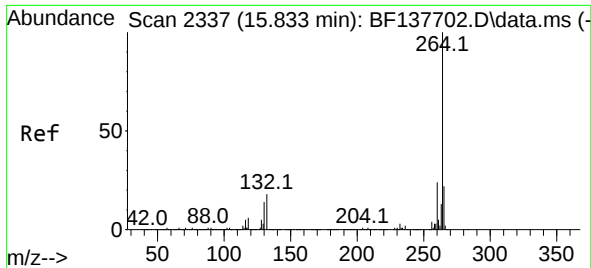
Tgt Ion:240 Resp: 499433
Ion Ratio Lower Upper
240 100
120 11.7 11.9 17.9#
236 26.4 20.8 31.2



#79
Terphenyl-d14
Concen: 92.711 ng
RT: 13.192 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

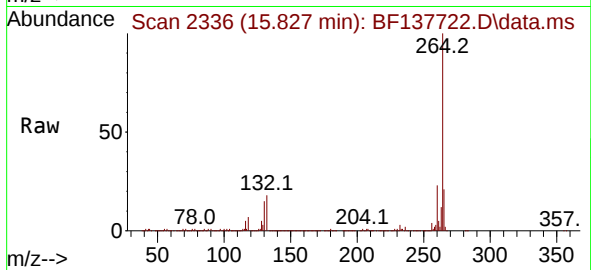
Tgt Ion:244 Resp: 2876748
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 12.2 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.827 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137722.D
Acq: 24 Apr 2024 17:12

Instrument :
BNA_F
ClientSampleId :
LNG-11



Tgt Ion:264 Resp: 544453

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.3	17.5	26.3

