

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
 Data File : BF126607.D
 Acq On : 20 Jan 2022 12:49
 Operator : CG/JU
 Sample : PB142146BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142146BL

Quant Time: Jan 20 15:31:22 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

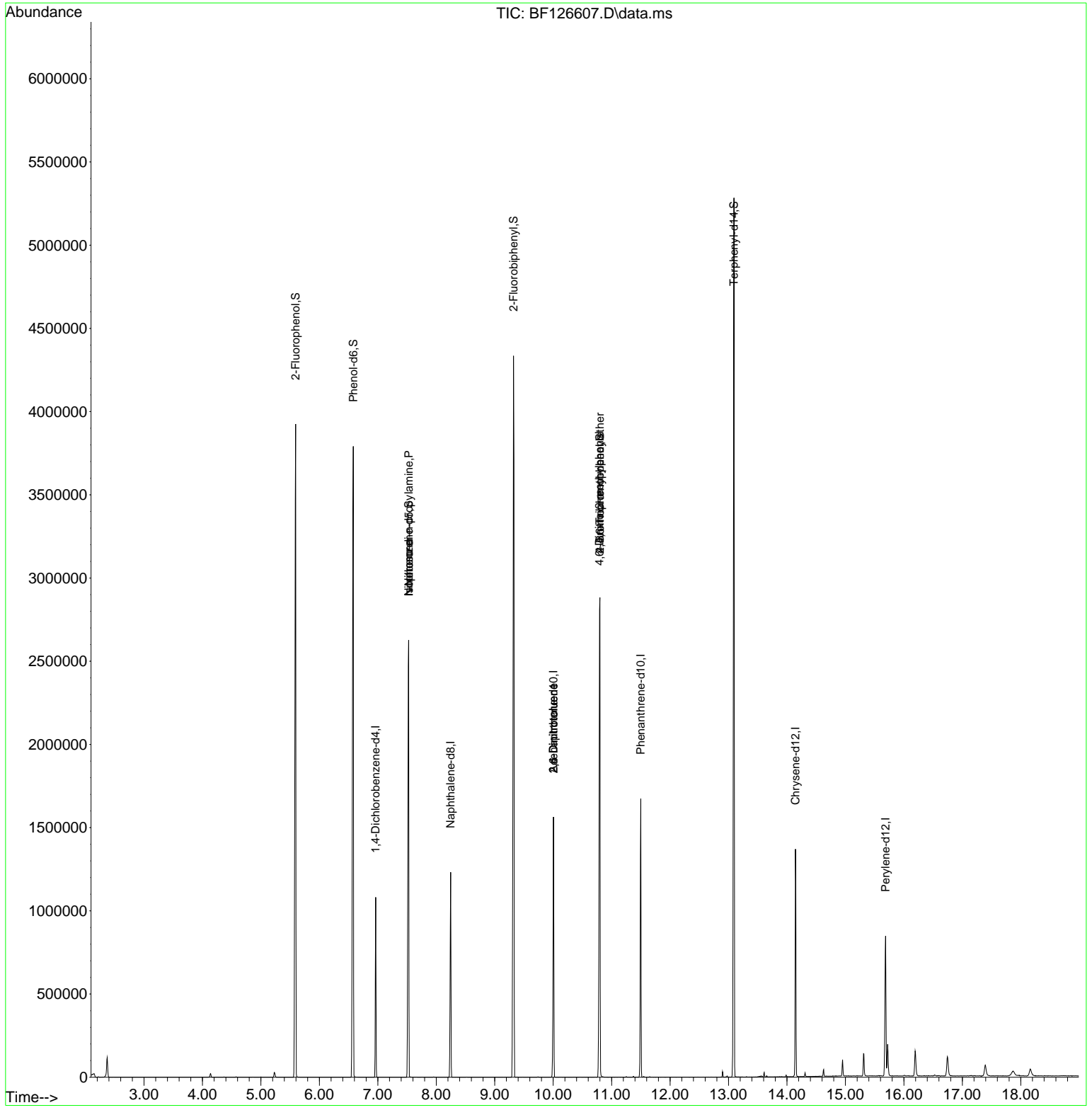
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	129878	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	530446	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	310712	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	551378	20.000	ng	0.00
76) Chrysene-d12	14.145	240	452002	20.000	ng	# 0.00
86) Perylene-d12	15.686	264	379370	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1124198	113.902	ng	0.01
7) Phenol-d6	6.581	99	1550319	113.054	ng	0.00
23) Nitrobenzene-d5	7.528	82	1149386	84.812	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	357451	122.929	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1533178	75.570	ng	0.00
79) Terphenyl-d14	13.092	244	1894673	70.306	ng	0.00
Target Compounds						
9) Benzaldehyde	6.581	77	2918	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	7.528	70	156672	15.654	ng	# 69
25) Isophorone	7.528	82	1149365	43.732	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	38682	10.158	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	38682	8.383	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	867	7.650	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	24519	3.858	ng	# 1

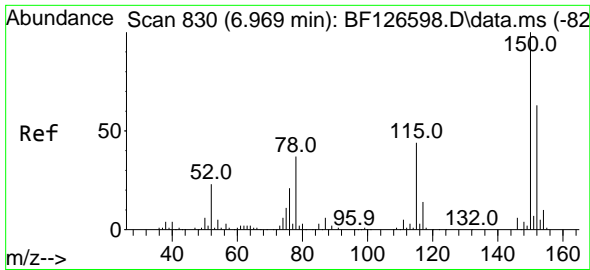
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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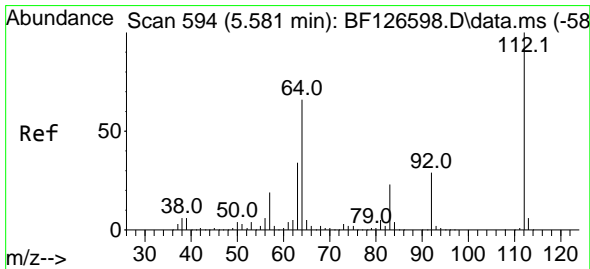
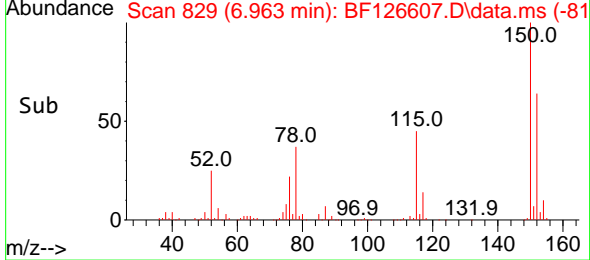
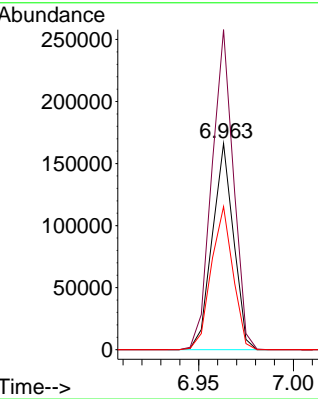
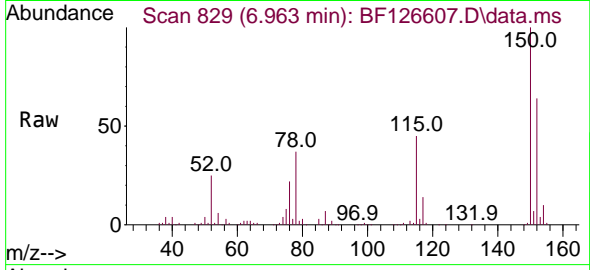




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

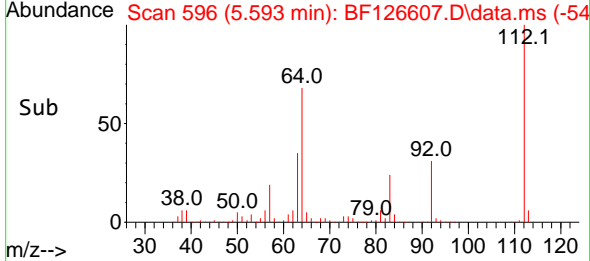
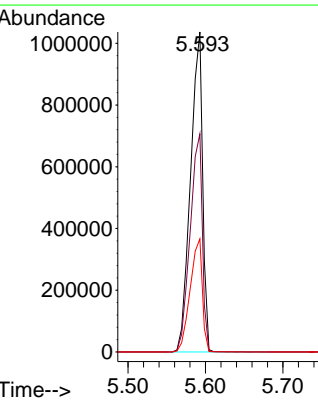
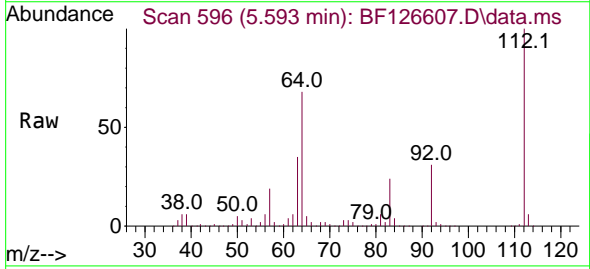
Instrument :
 BNA_F
 ClientSampleId :
 PB142146BL

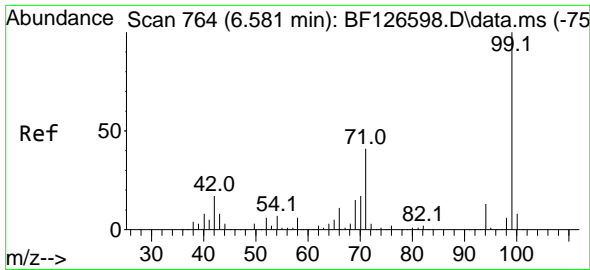
Tgt Ion:152 Resp: 129878
 Ion Ratio Lower Upper
 152 100
 150 155.1 128.1 192.1
 115 69.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 113.902 ng
 RT: 5.593 min Scan# 596
 Delta R.T. 0.012 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

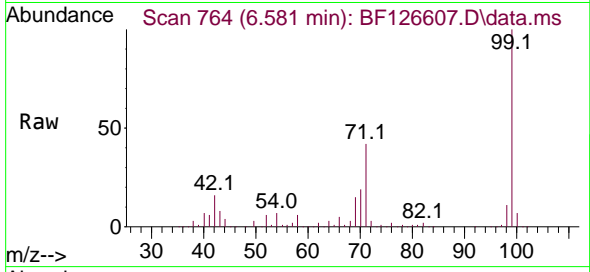
Tgt Ion:112 Resp: 1124198
 Ion Ratio Lower Upper
 112 100
 64 68.2 49.5 74.3
 63 35.4 23.9 35.9



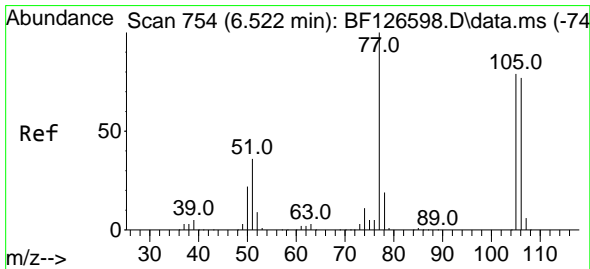
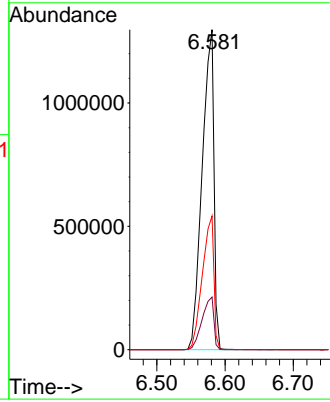
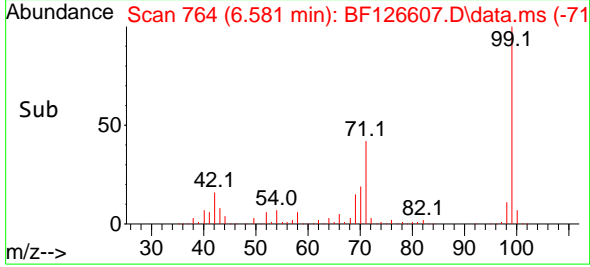


#7
Phenol-d6
Concen: 113.054 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF126607.D
Acq: 20 Jan 2022 12:49

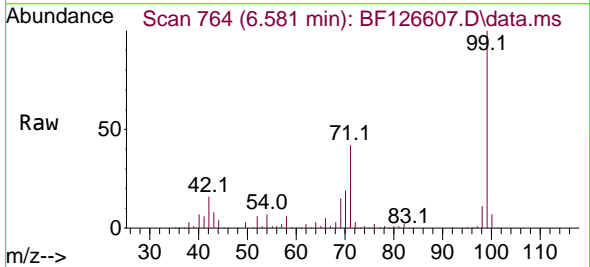
Instrument :
BNA_F
ClientSampleId :
PB142146BL



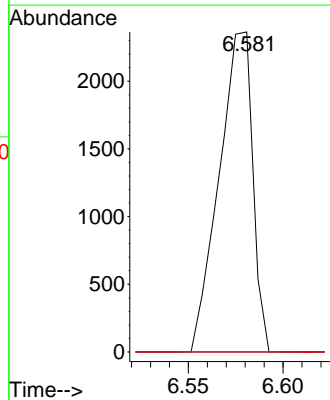
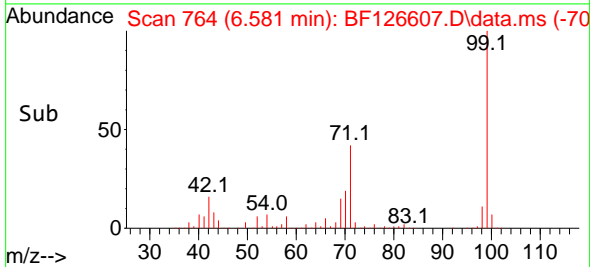
Tgt Ion: 99 Resp: 1550319
Ion Ratio Lower Upper
99 100
42 16.5 14.2 21.4
71 41.8 24.3 36.5#

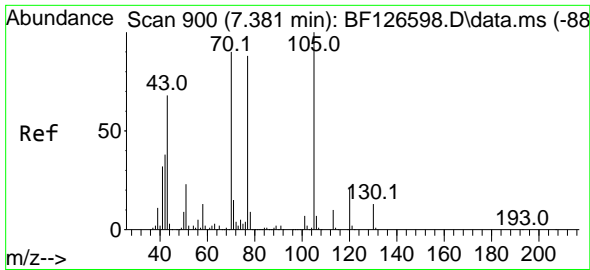


#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 764
Delta R.T. 0.059 min
Lab File: BF126607.D
Acq: 20 Jan 2022 12:49



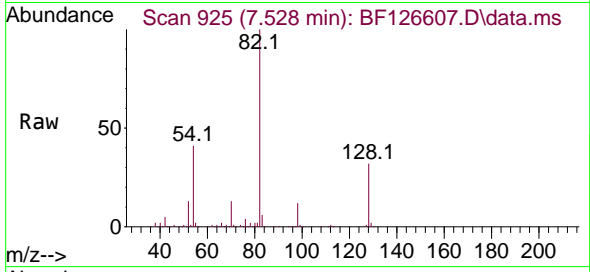
Tgt Ion: 77 Resp: 2918
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#





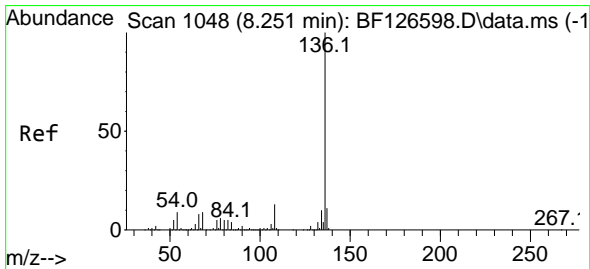
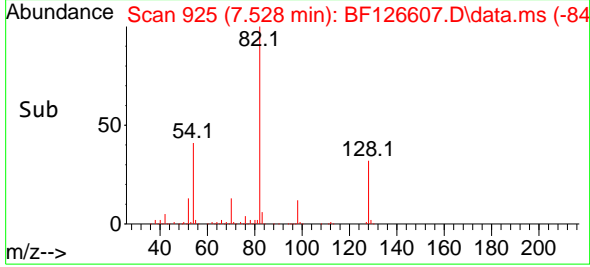
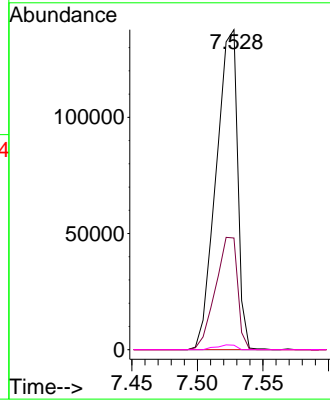
#19
 n-Nitroso-di-n-propylamine
 Concen: 15.654 ng
 RT: 7.528 min Scan# 91
 Delta R.T. 0.147 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PB142146BL



Tgt Ion: 70 Resp: 156672

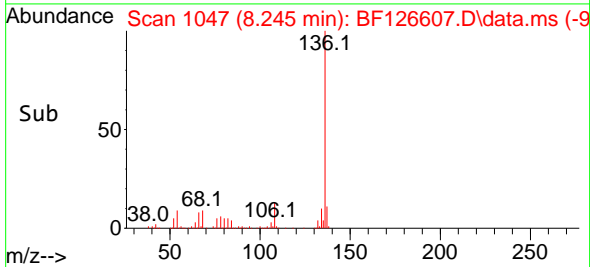
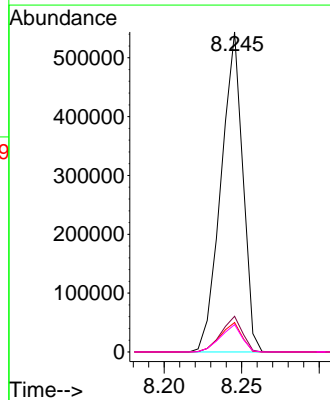
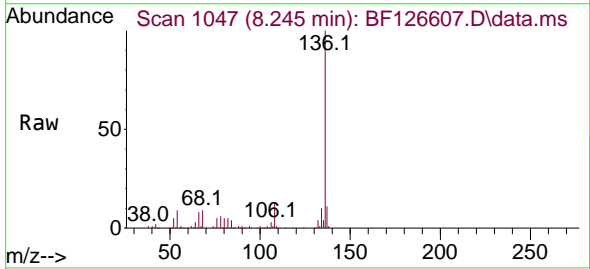
Ion	Ratio	Lower	Upper
70	100		
42	34.9	45.8	68.8#
101	0.0	6.9	10.3#
130	1.4	14.4	21.6#

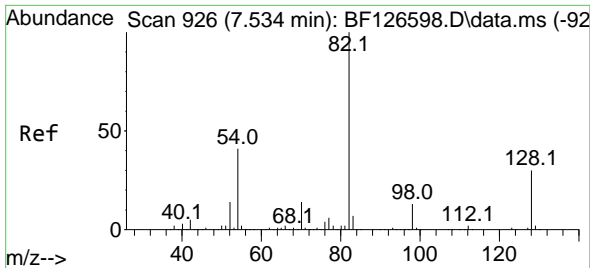


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.245 min Scan# 1047
 Delta R.T. -0.006 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

Tgt Ion: 136 Resp: 530446

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.2	7.8	11.6
68	8.5	6.3	9.5

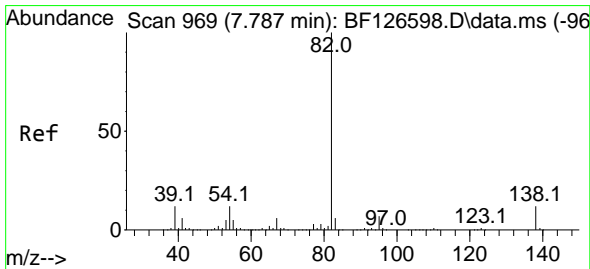
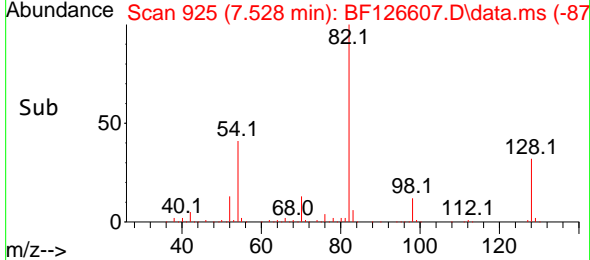
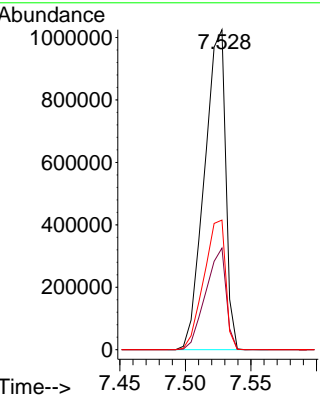
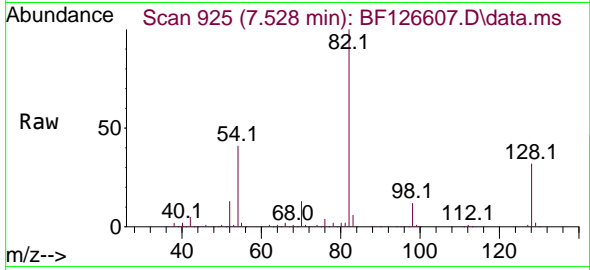




#23
 Nitrobenzene-d5
 Concen: 84.812 ng
 RT: 7.528 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

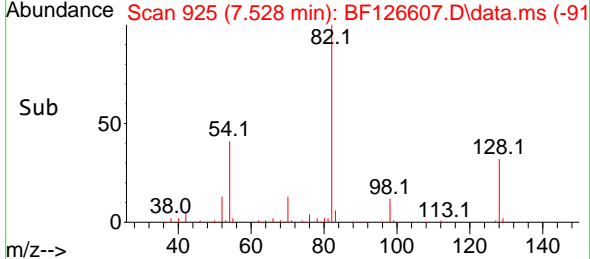
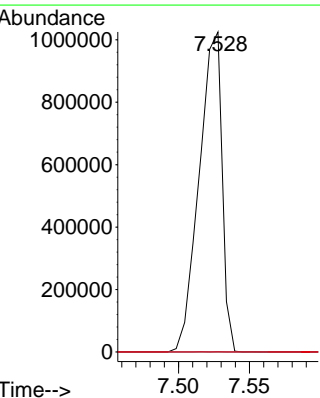
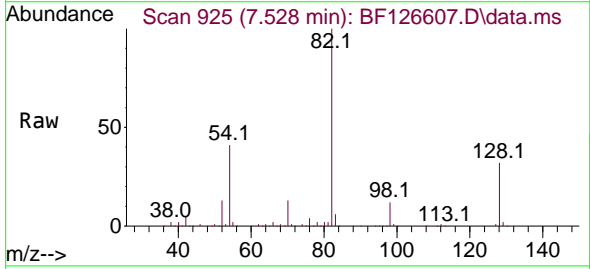
Instrument :
 BNA_F
 ClientSampleId :
 PB142146BL

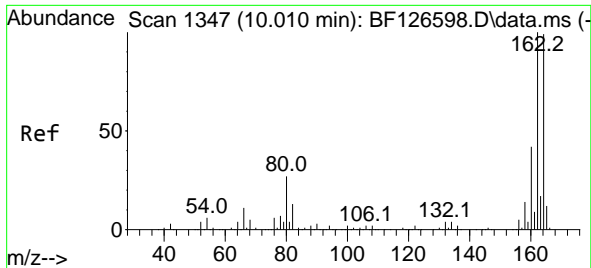
Tgt Ion: 82 Resp: 1149386
 Ion Ratio Lower Upper
 82 100
 128 31.8 32.7 49.1#
 54 40.5 41.7 62.5#



#25
 Isophorone
 Concen: 43.732 ng
 RT: 7.528 min Scan# 925
 Delta R.T. -0.259 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

Tgt Ion: 82 Resp: 1149365
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.0 7.4#
 138 0.0 12.3 18.5#

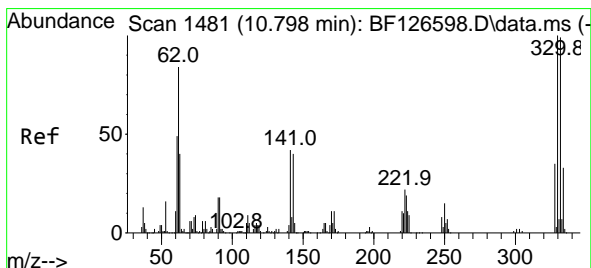
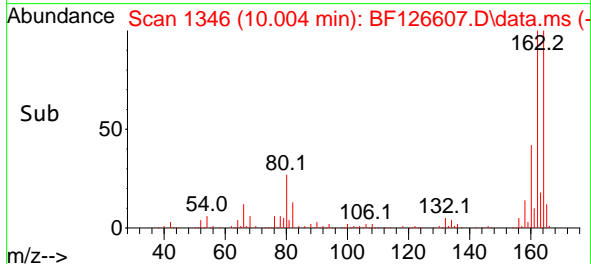
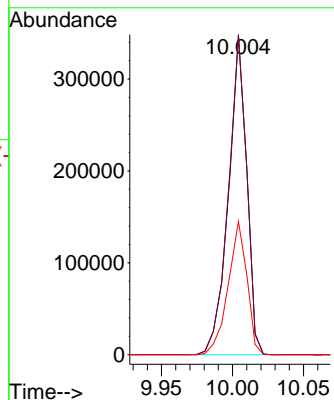
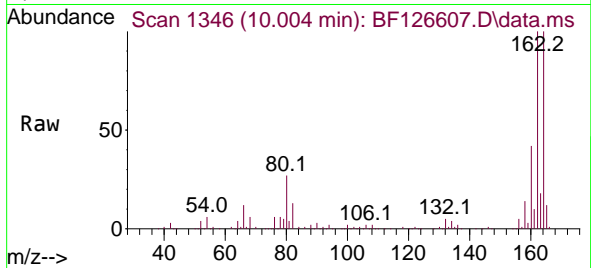




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

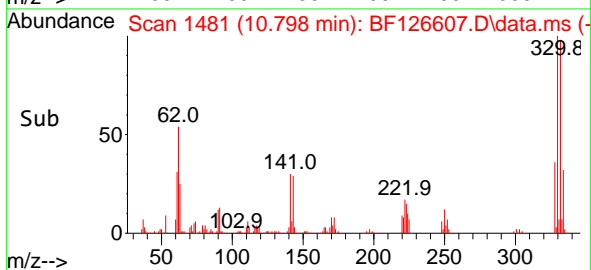
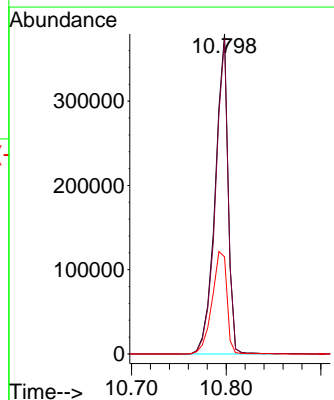
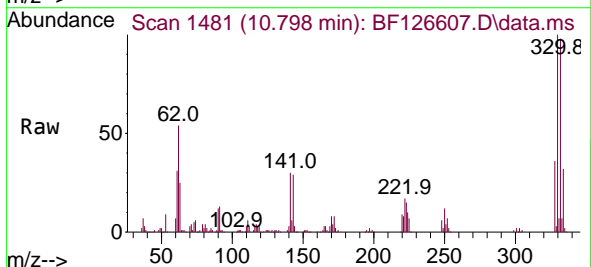
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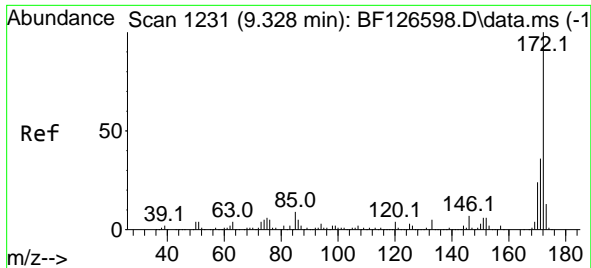
Tgt Ion:164 Resp: 310712
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.4 122.0
 160 41.6 36.6 54.8



#42
 2,4,6-Tribromophenol
 Concen: 122.929 ng
 RT: 10.798 min Scan# 1481
 Delta R.T. 0.000 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

Tgt Ion:330 Resp: 357451
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.0 114.0
 141 37.0 30.1 45.1



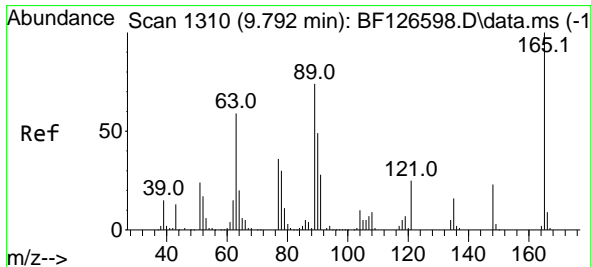
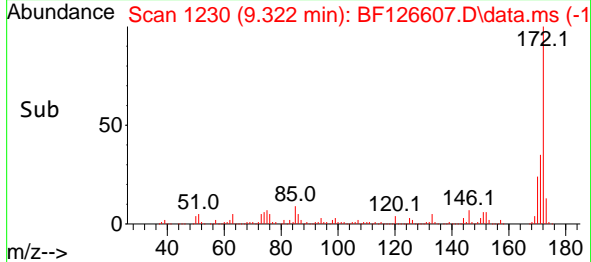
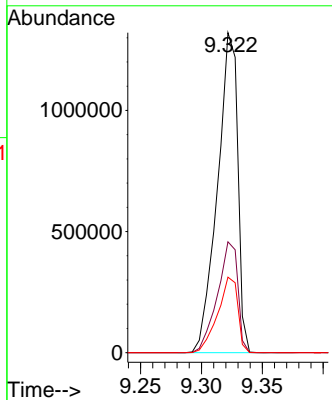
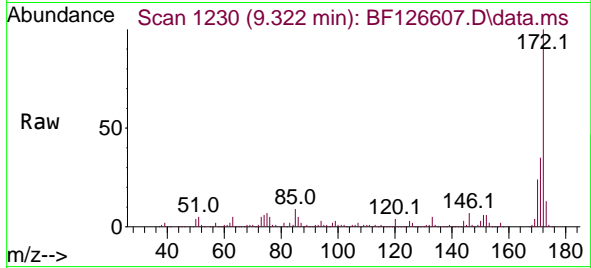


#45
 2-Fluorobiphenyl
 Concen: 75.570 ng
 RT: 9.322 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

Instrument : BNA_F
 ClientSampleId : PB142146BL

Tgt Ion:172 Resp: 1533178

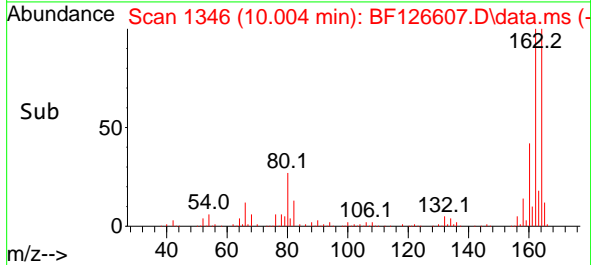
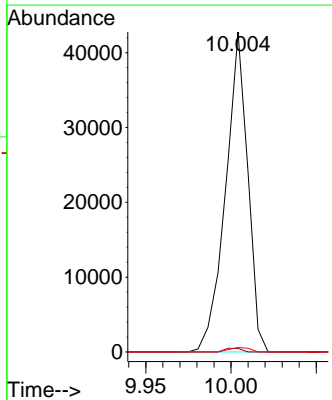
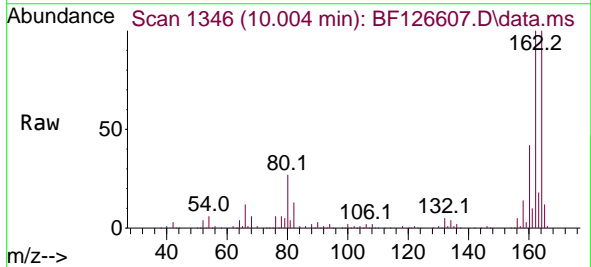
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	23.6	19.0	28.6

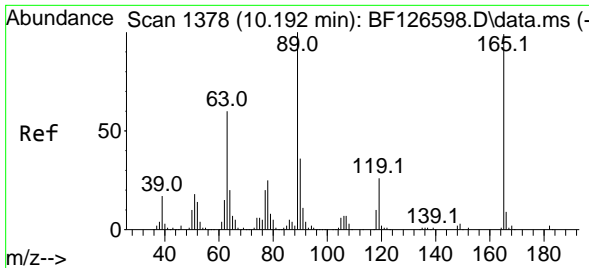


#51
 2,6-Dinitrotoluene
 Concen: 10.158 ng
 RT: 10.004 min Scan# 1346
 Delta R.T. 0.212 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

Tgt Ion:165 Resp: 38682

Ion	Ratio	Lower	Upper
165	100		
63	1.1	48.4	72.6#
89	1.4	50.5	75.7#



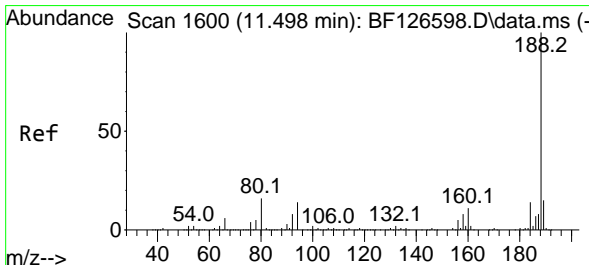
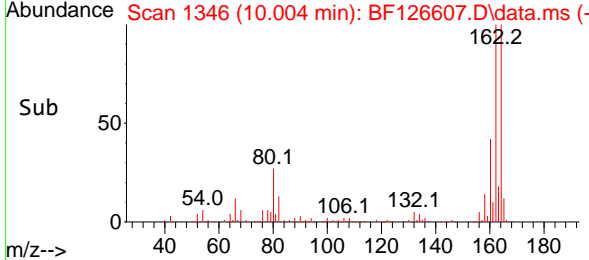
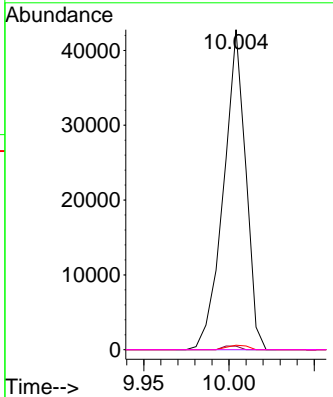
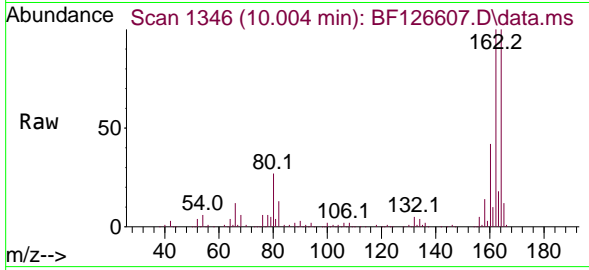


#57
 2,4-Dinitrotoluene
 Concen: 8.383 ng
 RT: 10.004 min Scan# 11
 Delta R.T. -0.188 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

Instrument : BNA_F
 Client Sample Id : PB142146BL

Tgt Ion:165 Resp: 38682

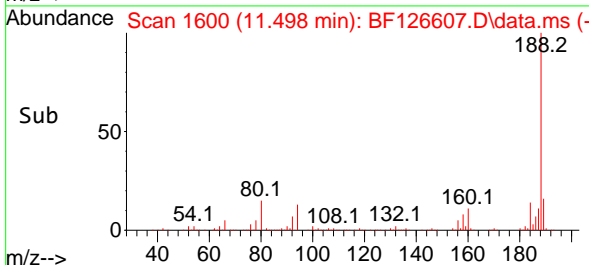
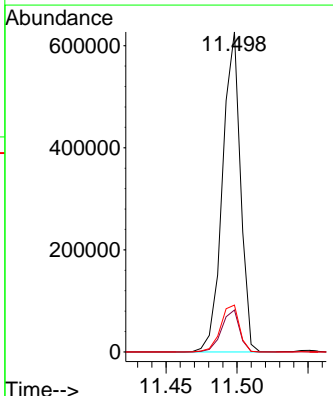
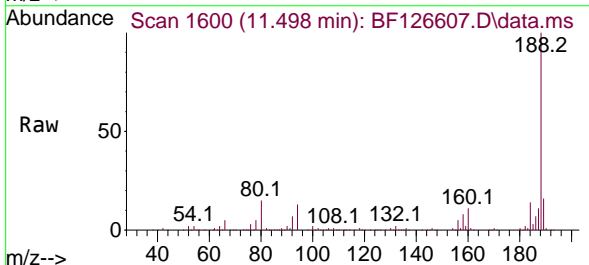
Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.0	64.6#
89	1.4	71.0	106.4#
182	0.0	1.6	2.4#

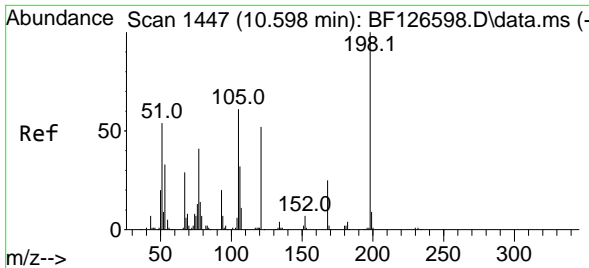


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.498 min Scan# 1600
 Delta R.T. 0.000 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

Tgt Ion:188 Resp: 551378

Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.1	15.1
80	14.6	11.8	17.6

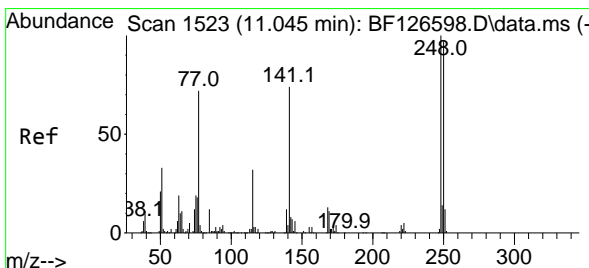
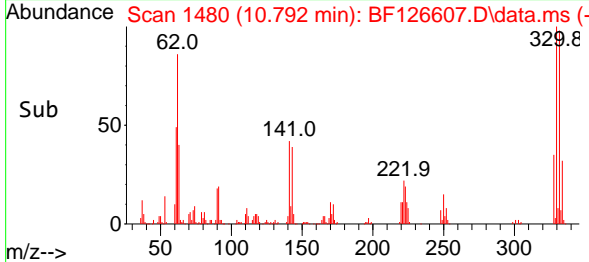
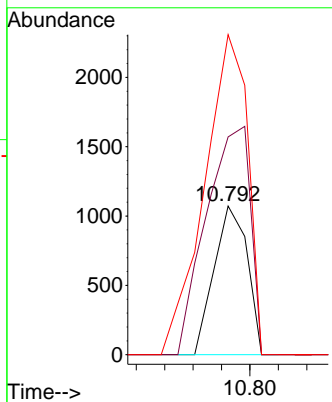
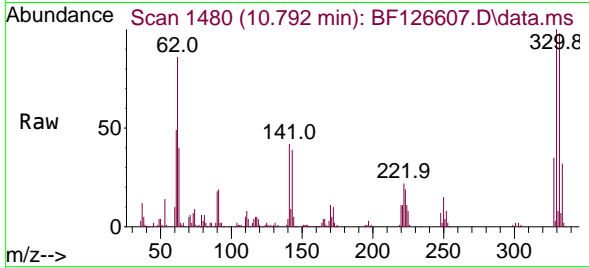




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.650 ng
 RT: 10.792 min Scan# 1480
 Delta R.T. 0.194 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

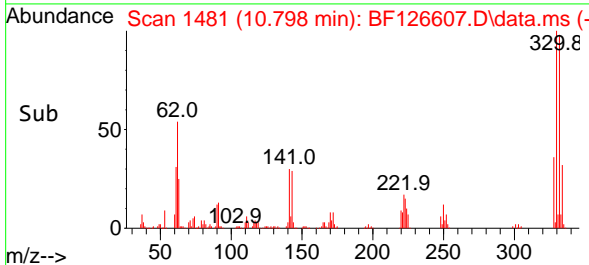
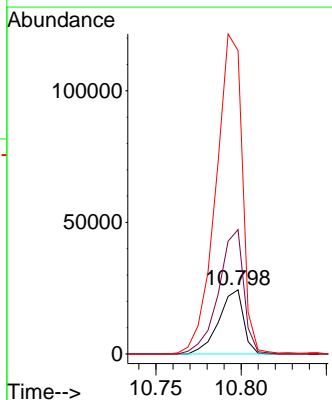
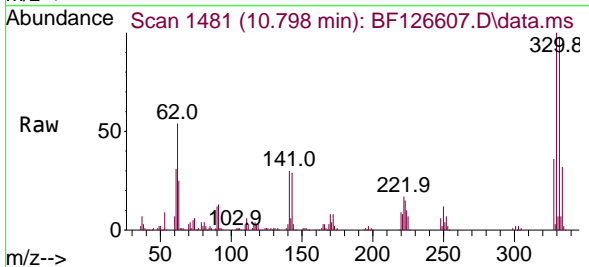
Instrument :
 BNA_F
 ClientSampleId :
 PB142146BL

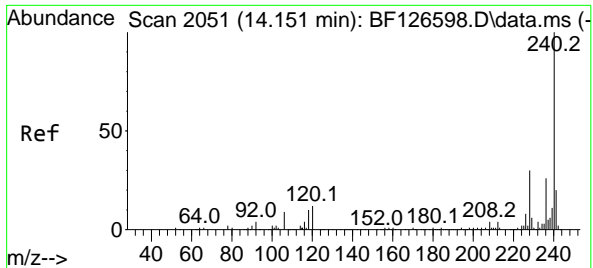
Tgt Ion	Resp	Lower	Upper
198	100		
51	146.5	32.0	72.0#
105	215.3	32.7	72.7#



#67
 4-Bromophenyl-phenylether
 Concen: 3.858 ng
 RT: 10.798 min Scan# 1481
 Delta R.T. -0.247 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

Tgt Ion	Resp	Lower	Upper
248	100		
250	193.9	76.2	114.4#
141	472.8	66.2	99.4#



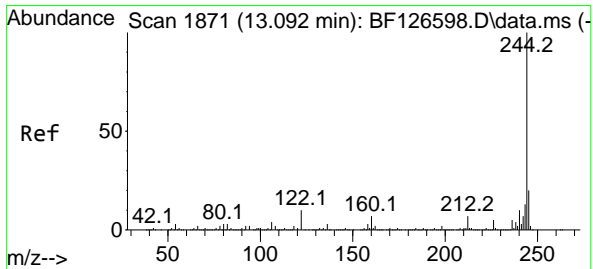
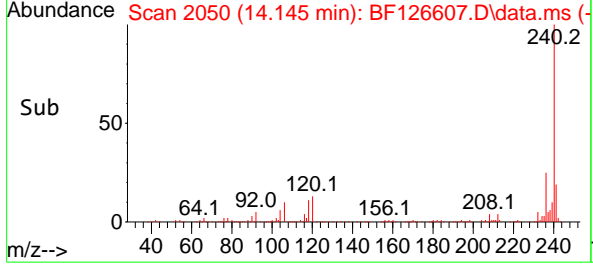
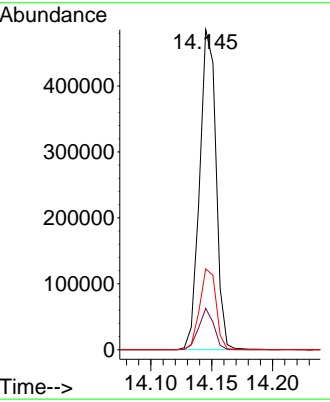
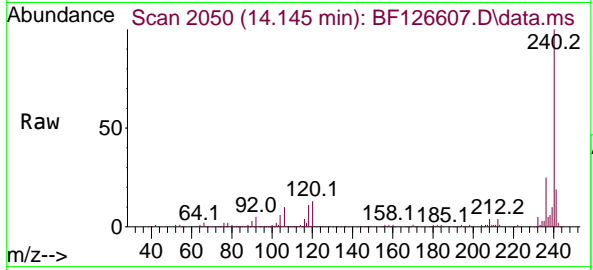


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.145 min Scan# 2051
 Delta R.T. -0.006 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

Instrument : BNA_F
 Client Sample Id : PB142146BL

Tgt Ion:240 Resp: 452002

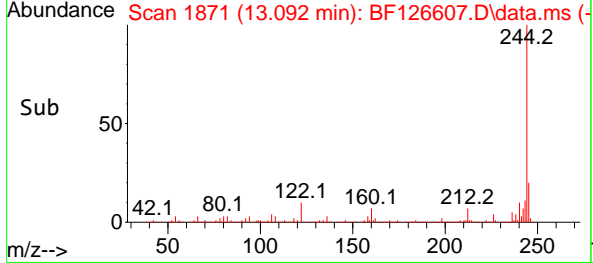
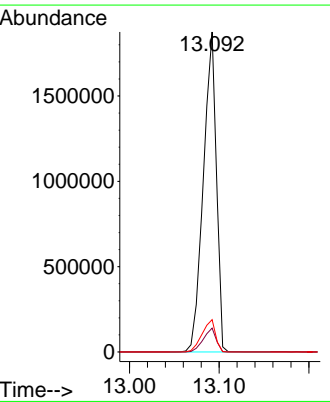
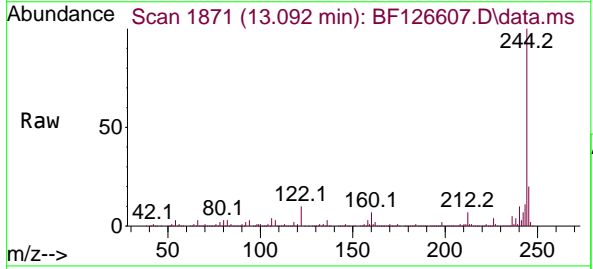
Ion	Ratio	Lower	Upper
240	100		
120	12.9	14.4	21.6#
236	25.3	20.5	30.7

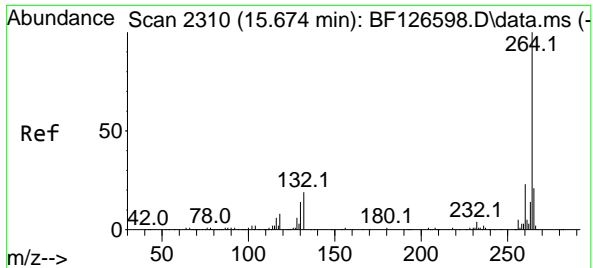


#79
 Terphenyl-d14
 Concen: 70.306 ng
 RT: 13.092 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

Tgt Ion:244 Resp: 1894673

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.0	7.4#
122	10.1	13.3	19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF126607.D
 Acq: 20 Jan 2022 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PB142146BL

Tgt Ion:264 Resp: 379370

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	19.8	17.4	26.2

