

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
 Data File : BG049047.D
 Acq On : 22 Jun 2021 15:52
 Operator : CG/JU
 Sample : M2771-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0338-COMPOSITE-DC-21

Quant Time: Jun 22 16:30:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

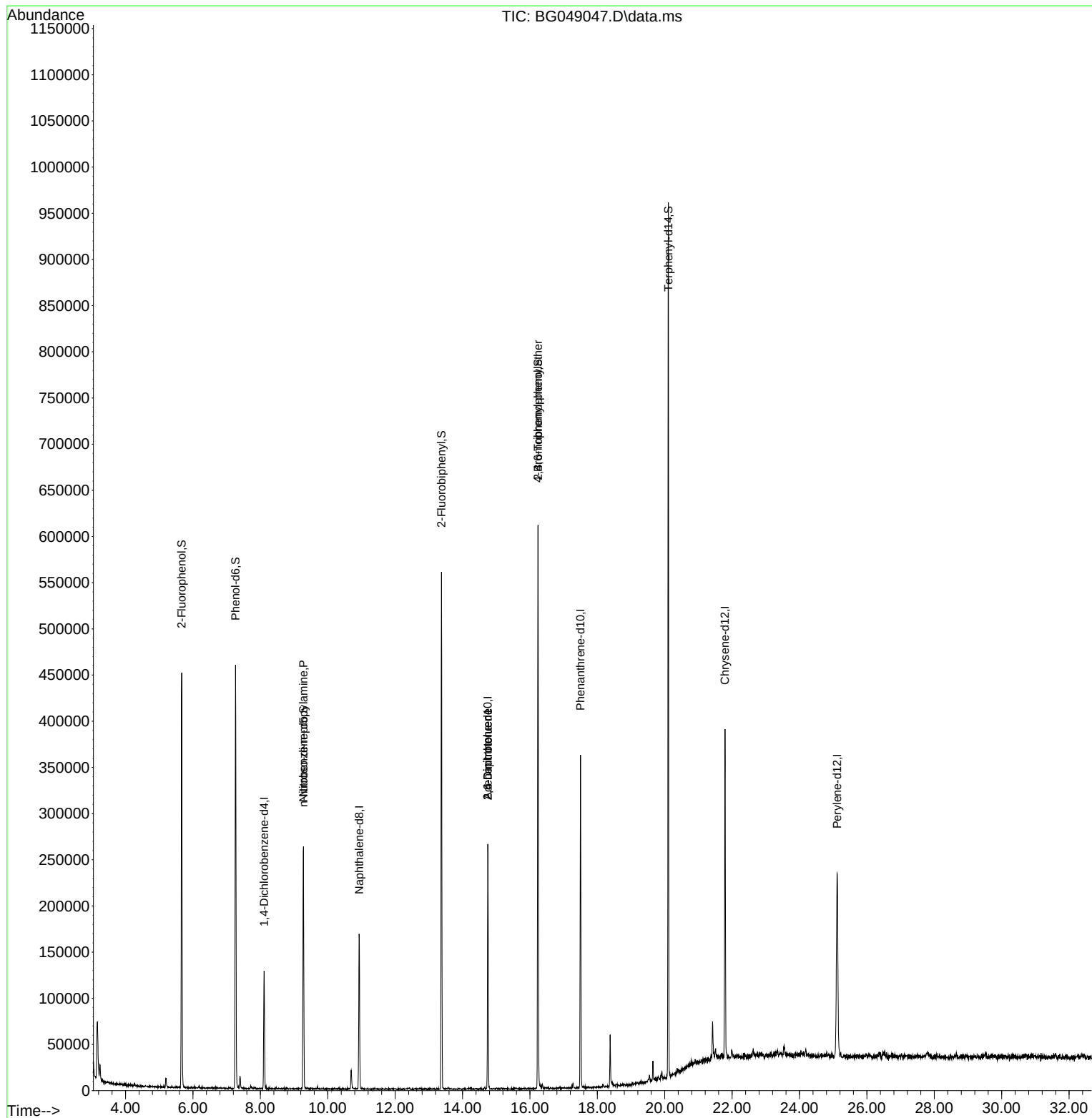
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	33956	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	135520	20.000	ng	# 0.00
39) Acenaphthene-d10	14.750	164	98142	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	226914	20.000	ng	# 0.00
76) Chrysene-d12	21.789	240	222776	20.000	ng	0.00
86) Perylene-d12	25.114	264	237069	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	175625	80.513	ng	0.00
7) Phenol-d6	7.265	99	235957	72.172	ng	0.00
23) Nitrobenzene-d5	9.280	82	155476	49.469	ng	0.00
42) 2,4,6-Tribromophenol	16.242	330	126466	86.976	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	281771	40.558	ng	0.00
79) Terphenyl-d14	20.108	244	452110	37.167	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.274	70	23802	9.314	ng	# 70
51) 2,6-Dinitrotoluene	14.750	165	13373	8.590	ng	# 12
57) 2,4-Dinitrotoluene	14.750	165	13373	6.993	ng	# 17
67) 4-Bromophenyl-phenylether	16.236	248	7534	2.659	ng	# 1

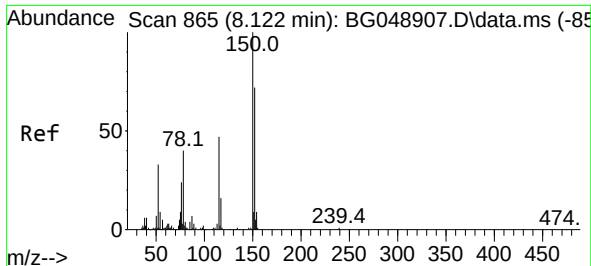
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
ClientSampleId :
0338-COMPOSITE-DC-21

Quant Time: Jun 22 16:30:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

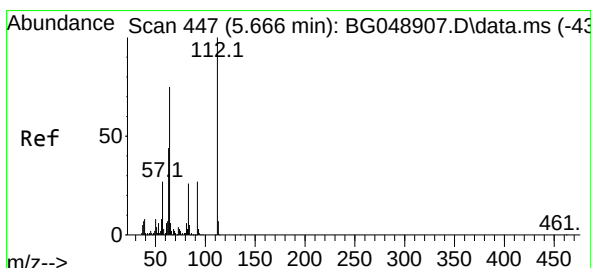
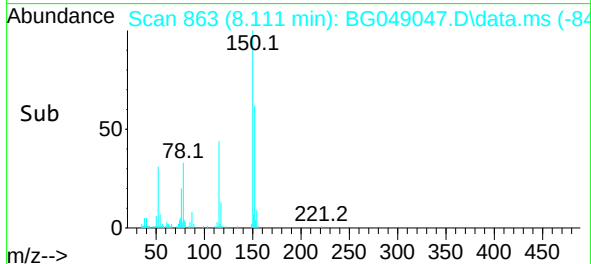
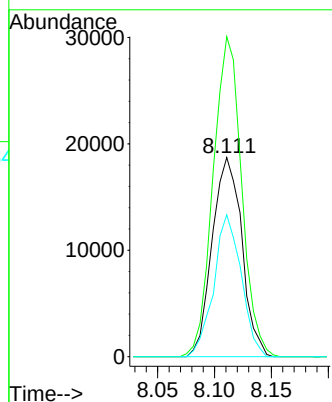
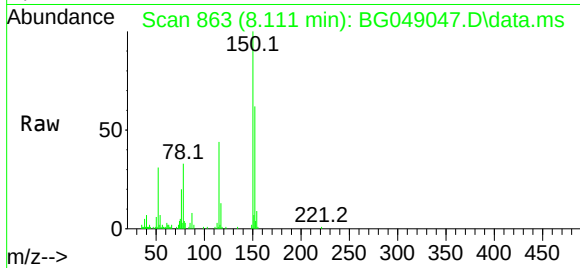




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

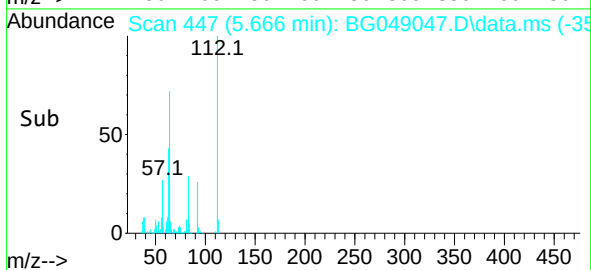
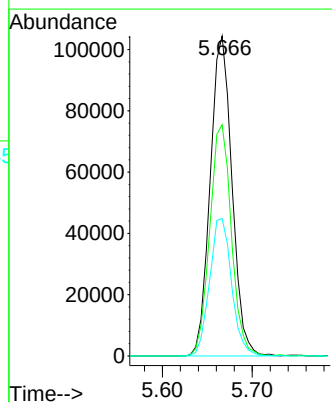
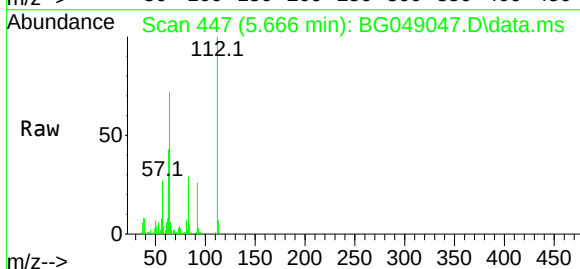
Instrument :
BNA_G
ClientSampleId :
0338-COMPOSITE-DC-21

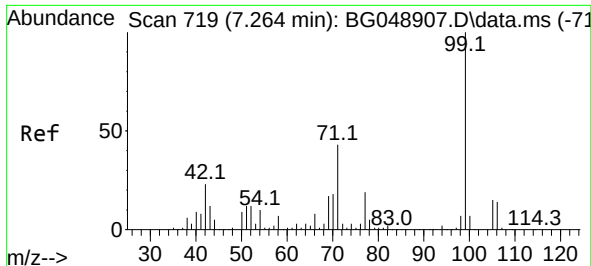
Tgt Ion:152 Resp: 33956
Ion Ratio Lower Upper
152 100
150 160.6 119.4 179.0
115 71.3 60.2 90.4



#5
2-Fluorophenol
Concen: 80.513 ng
RT: 5.666 min Scan# 447
Delta R.T. 0.003 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

Tgt Ion:112 Resp: 175625
Ion Ratio Lower Upper
112 100
64 72.2 46.7 70.1#
63 42.9 35.3 52.9

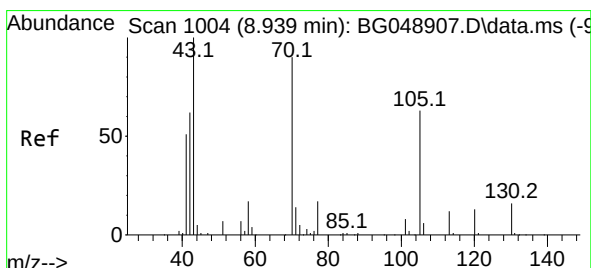
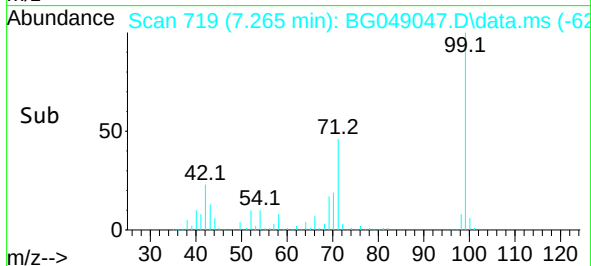
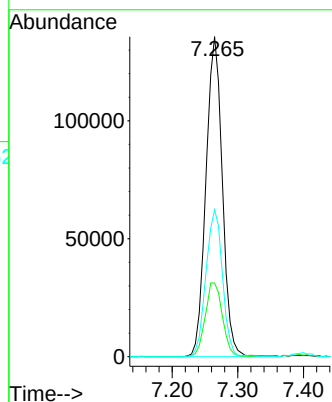
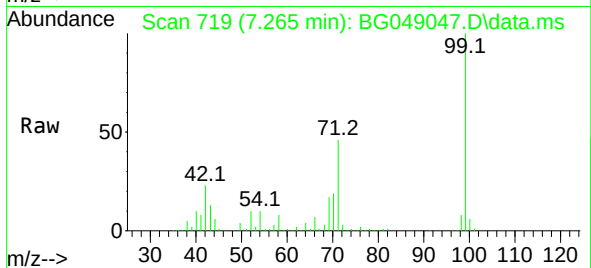




#7
Phenol-d6
Concen: 72.172 ng
RT: 7.265 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

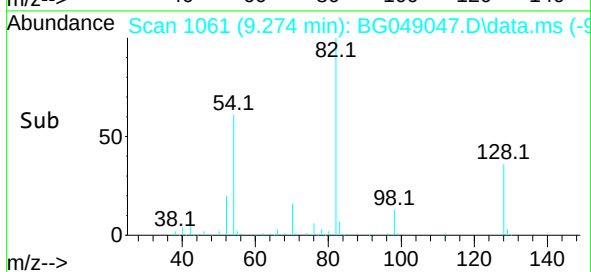
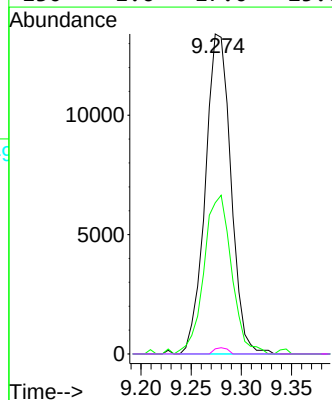
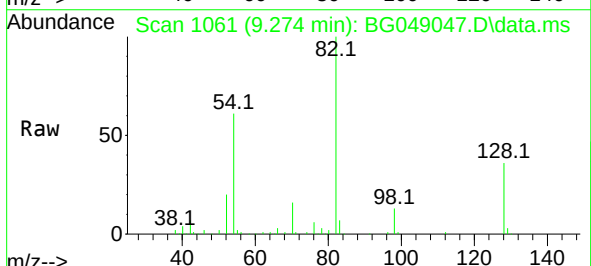
Instrument :
BNA_G
ClientSampleId :
0338-COMPOSITE-DC-21

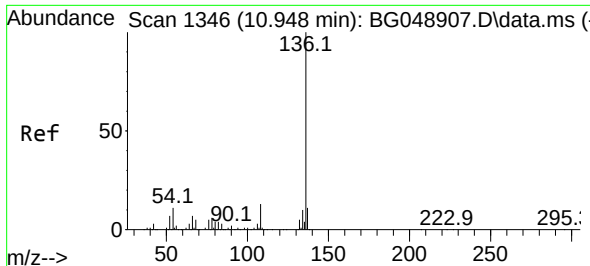
Tgt Ion:	99	Resp:	235957
Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.5	30.7
71	45.9	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.314 ng
RT: 9.274 min Scan# 1061
Delta R.T. 0.350 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

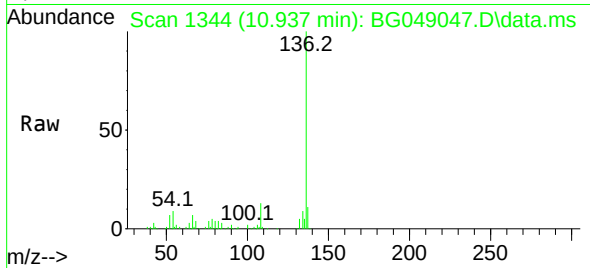
Tgt Ion:	70	Resp:	23802
Ion	Ratio	Lower	Upper
70	100		
42	47.3	54.5	81.7#
101	0.0	9.0	13.6#
130	1.6	17.0	25.6#



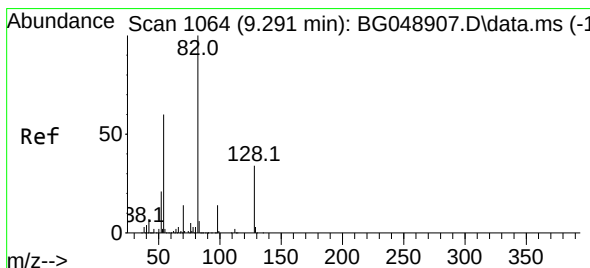
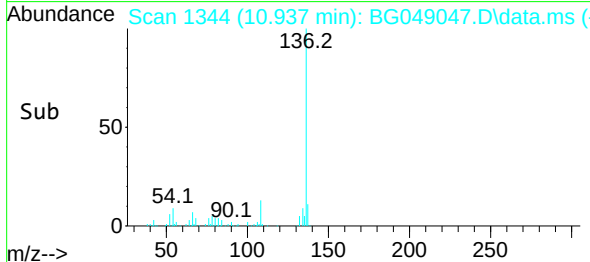
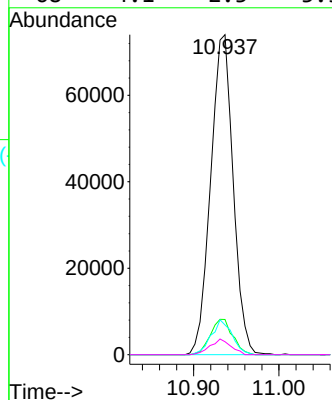


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

Instrument :
BNA_G
ClientSampleId :
0338-COMPOSITE-DC-21

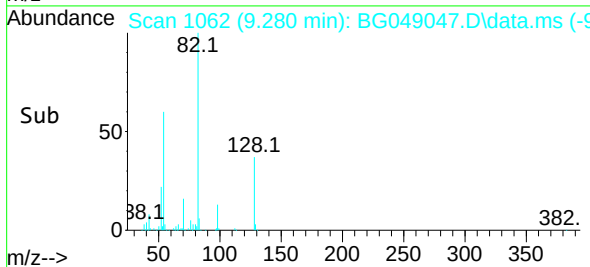
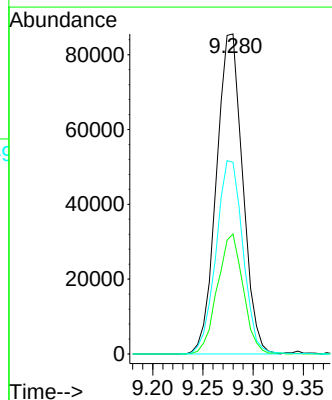
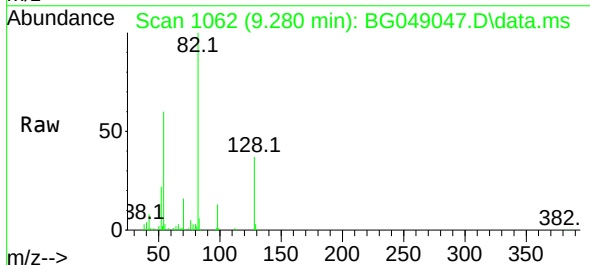


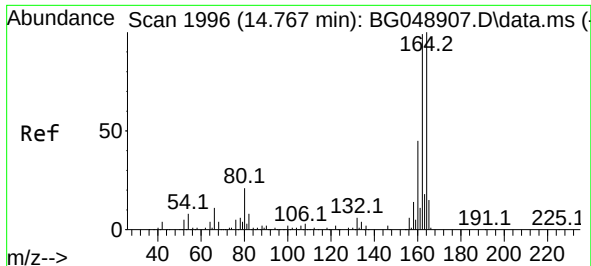
Tgt Ion:	136	Resp:	135520
Ion Ratio	100	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	9.3	5.5	8.3#
68	4.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 49.469 ng
RT: 9.280 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

Tgt Ion:	82	Resp:	155476
Ion Ratio	100	Lower	Upper
82	100		
128	37.5	29.8	44.6
54	59.9	45.8	68.8

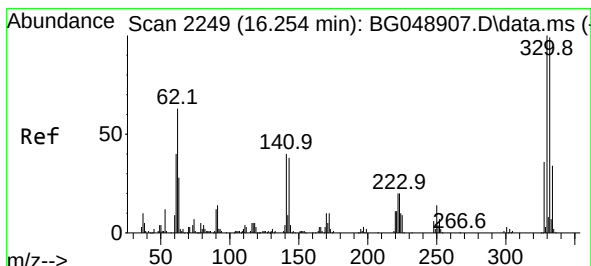
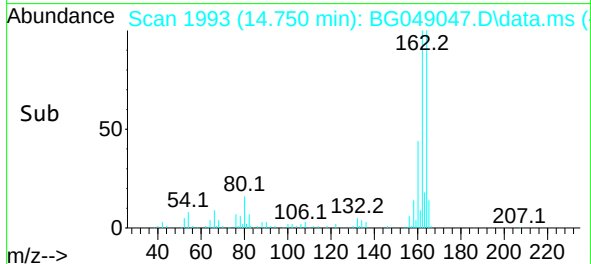
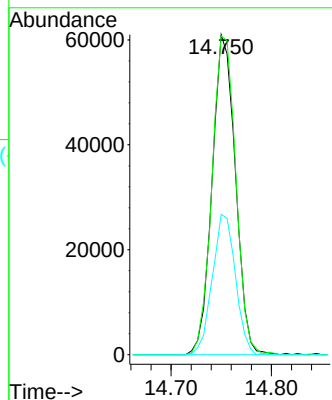
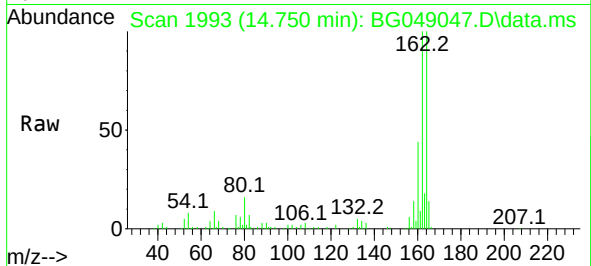




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.009 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

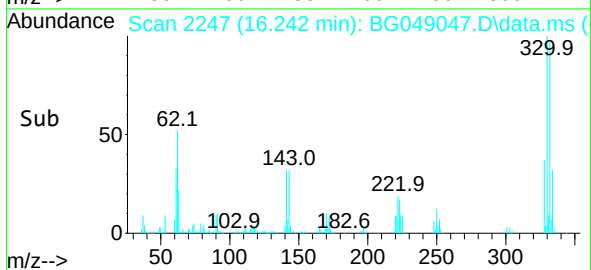
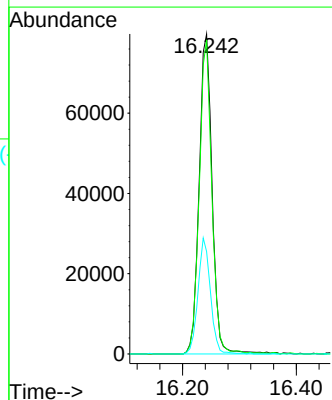
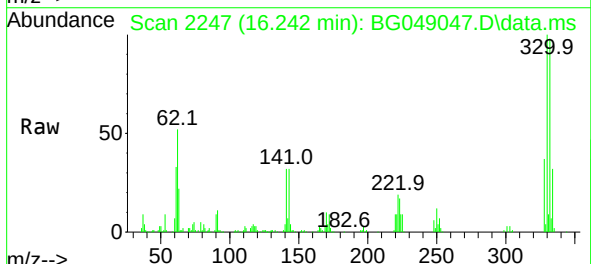
Instrument :
BNA_G
ClientSampleId :
0338-COMPOSITE-DC-21

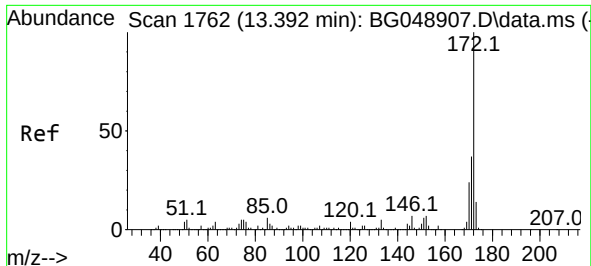
Tgt Ion:164 Resp: 98142
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 43.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 86.976 ng
RT: 16.242 min Scan# 2247
Delta R.T. -0.003 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

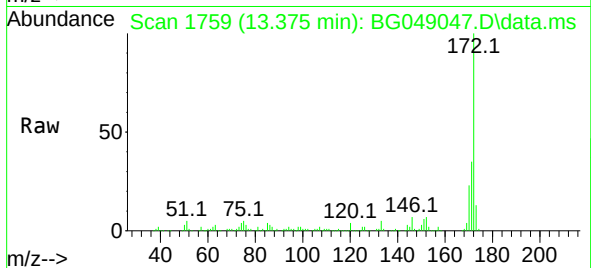
Tgt Ion:330 Resp: 126466
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 34.8 35.6 53.4#



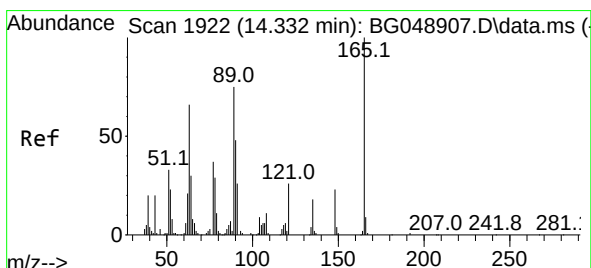
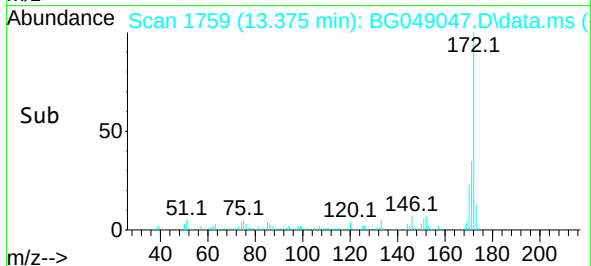
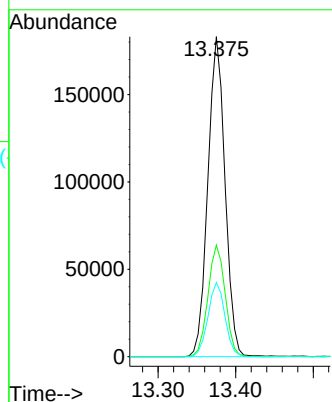


#45
2-Fluorobiphenyl
Concen: 40.558 ng
RT: 13.375 min Scan# 1759
Delta R.T. -0.009 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

Instrument :
BNA_G
ClientSampleId :
0338-COMPOSITE-DC-21

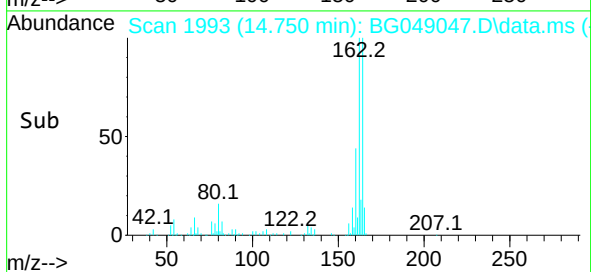
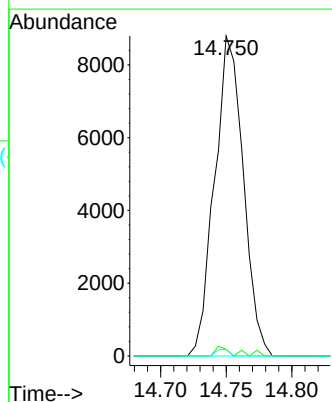
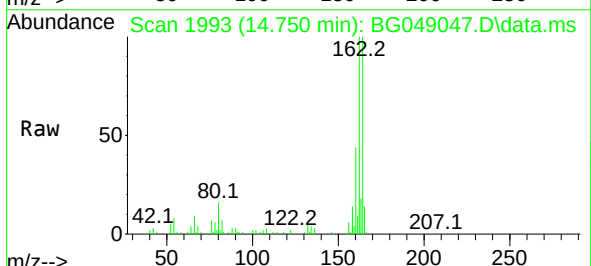


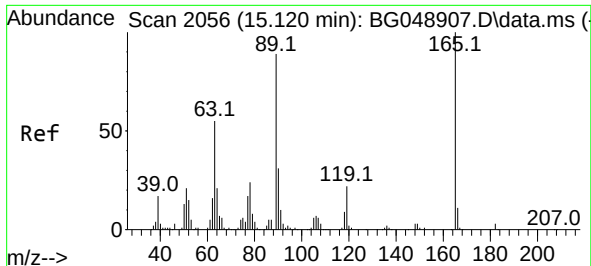
Tgt Ion:172 Resp: 281771
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.590 ng
RT: 14.750 min Scan# 1993
Delta R.T. 0.426 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

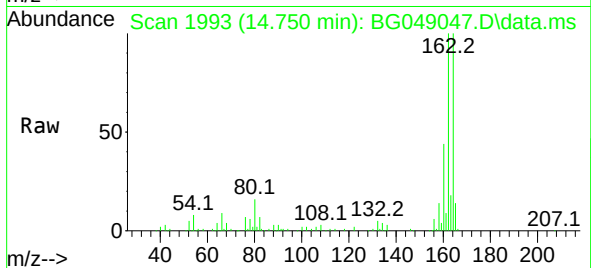
Tgt Ion:165 Resp: 13373
Ion Ratio Lower Upper
165 100
63 2.1 63.3 94.9#
89 2.1 63.4 95.0#



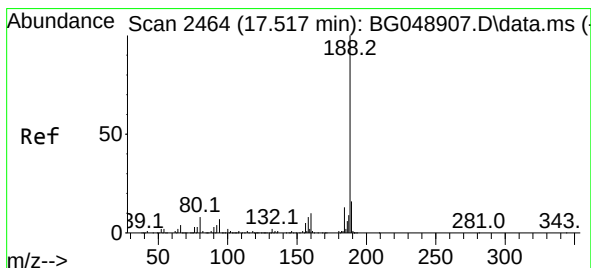
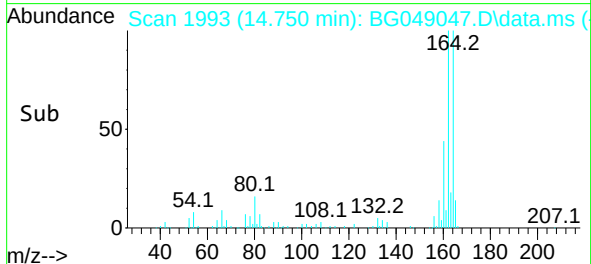
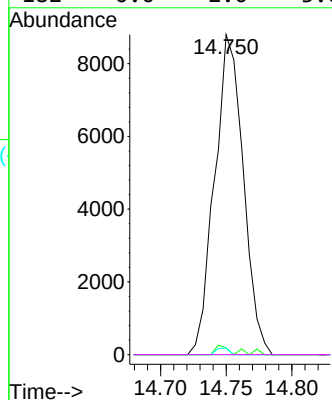


#57
2,4-Dinitrotoluene
Concen: 6.993 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.361 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

Instrument :
BNA_G
ClientSampleId :
0338-COMPOSITE-DC-21

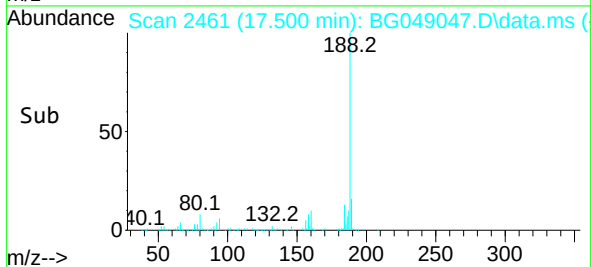
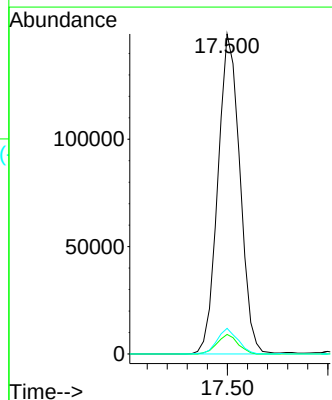
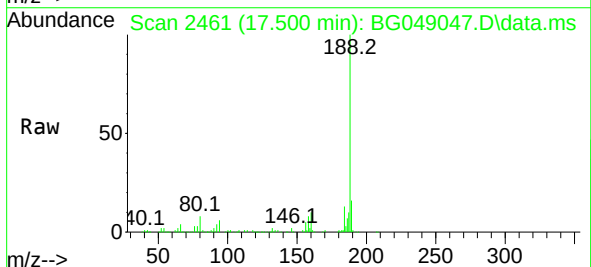


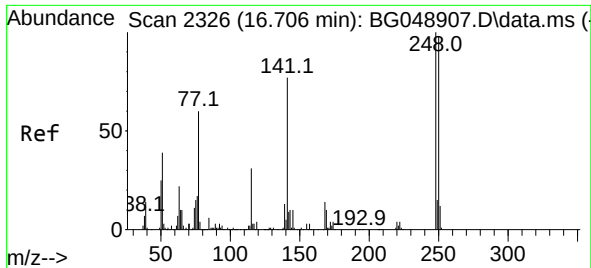
Tgt Ion:165 Resp: 13373
Ion Ratio Lower Upper
165 100
63 2.1 48.0 72.0#
89 2.1 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

Tgt Ion:188 Resp: 226914
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 8.0 3.7 5.5#

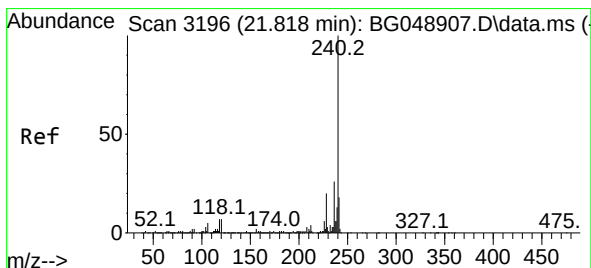
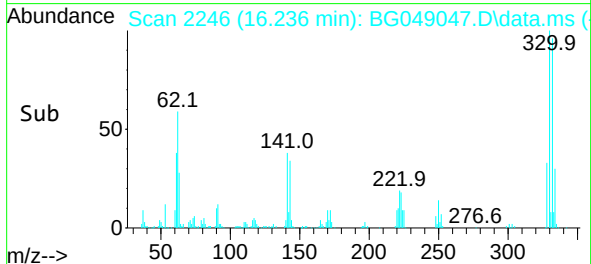
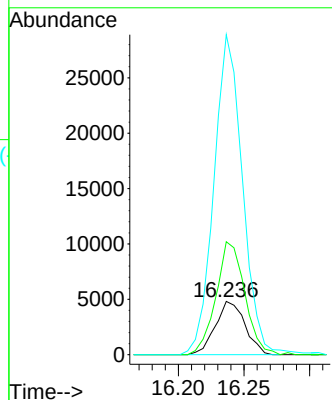
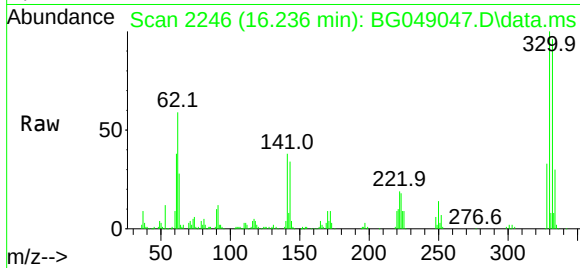




#67
4-Bromophenyl-phenylether
Concen: 2.659 ng
RT: 16.236 min Scan# 2246
Delta R.T. -0.455 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

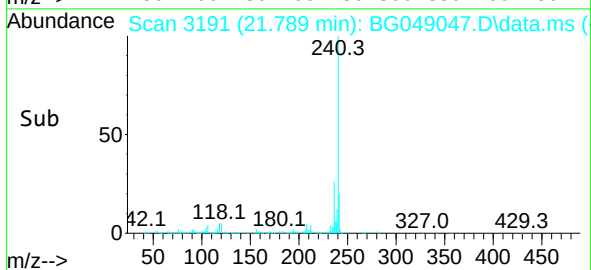
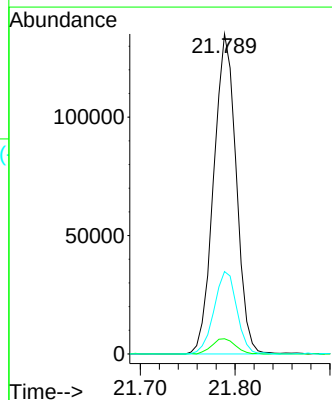
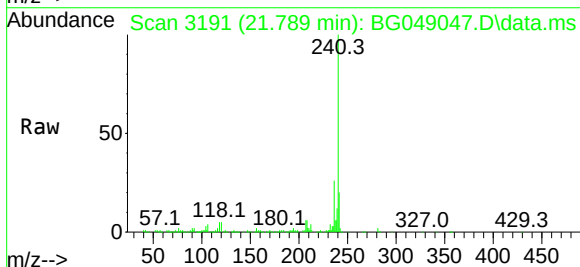
Instrument :
BNA_G
ClientSampleId :
0338-COMPOSITE-DC-21

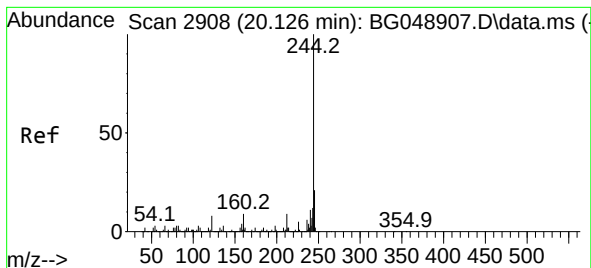
Tgt Ion:248 Resp: 7534
Ion Ratio Lower Upper
248 100
250 212.0 76.1 114.1#
141 600.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.789 min Scan# 3191
Delta R.T. -0.009 min
Lab File: BG049047.D
Acq: 22 Jun 2021 15:52

Tgt Ion:240 Resp: 222776
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 25.7 21.8 32.6





#79

Terphenyl-d14

Concen: 37.167 ng

RT: 20.108 min Scan# 2905

Delta R.T. -0.003 min

Lab File: BG049047.D

Acq: 22 Jun 2021 15:52

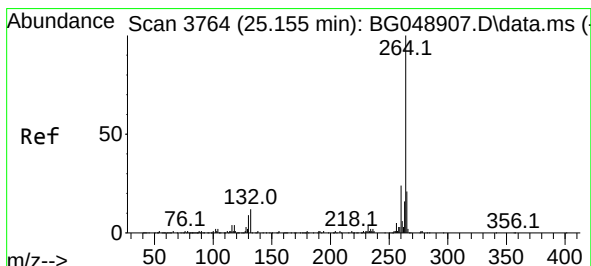
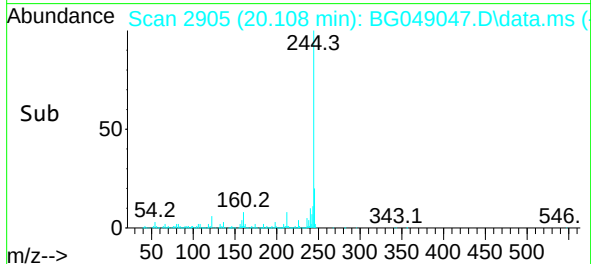
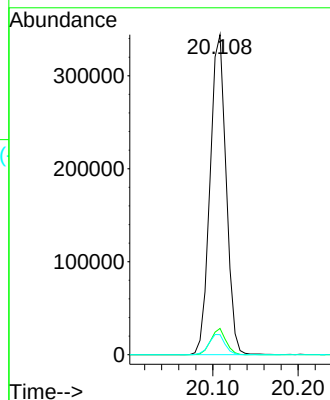
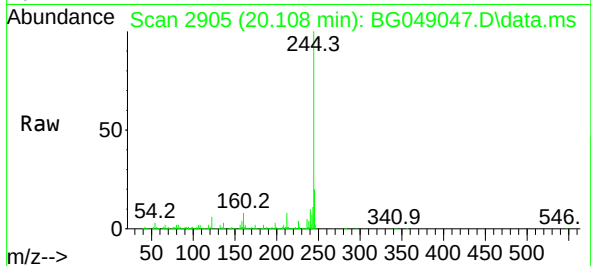
Tgt Ion:244 Resp: 452110

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

122 6.2 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.114 min Scan# 3757

Delta R.T. -0.015 min

Lab File: BG049047.D

Acq: 22 Jun 2021 15:52

Tgt Ion:264 Resp: 237069

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 20.8 16.9 25.3

