

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
 Data File : BG048708.D
 Acq On : 15 Apr 2021 14:20
 Operator : CG/JU
 Sample : M2019-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 149TH-ST-E1-101

Quant Time: Apr 15 15:48:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 15 10:59:37 2021
 Response via : Initial Calibration

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

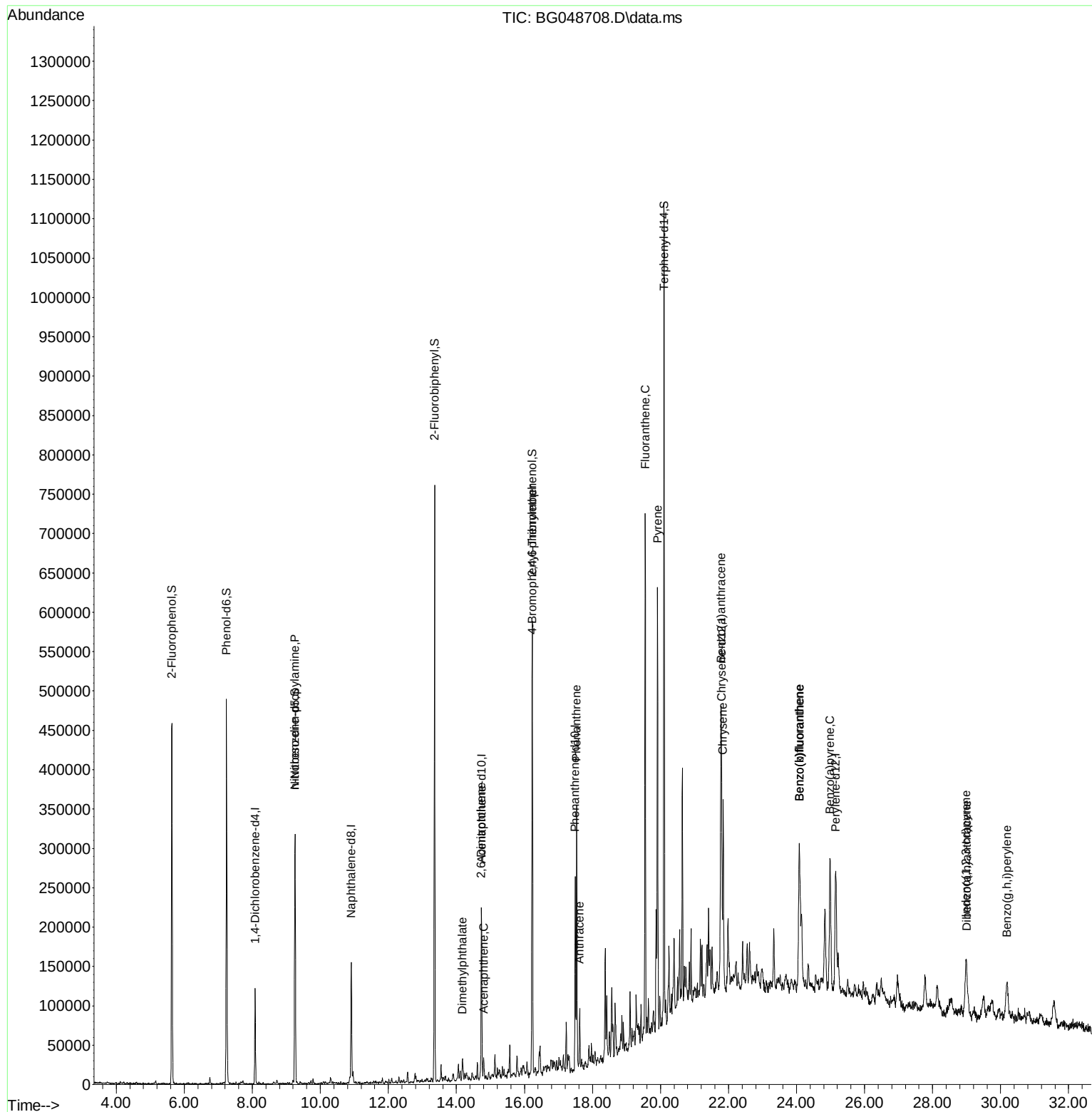
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	27763	20.00	ng	0.00
21) Naphthalene-d8	10.907	136	118013	20.00	ng	0.00
39) Acenaphthene-d10	14.738	164	71931	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	146619	20.00	ng	# 0.00
76) Chrysene-d12	21.794	240	133298	20.00	ng	0.00
86) Perylene-d12	25.144	264	134690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	182163	109.74	ng	0.00
7) Phenol-d6	7.241	99	233594	99.49	ng	0.00
23) Nitrobenzene-d5	9.256	82	178727	67.80	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	89783	93.09	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	366869	73.65	ng	0.00
79) Terphenyl-d14	20.102	244	473775	61.17	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.256	70	30549	19.28	ng	# 71
50) Dimethylphthalate	14.180	163	14050	2.60	ng	98
51) 2,6-Dinitrotoluene	14.732	165	10442	8.39	ng	# 15
52) Acenaphthene	14.803	154	10204	2.54	ng	# 69
67) 4-Bromophenyl-phenylether	16.225	248	6890	4.08	ng	# 1
71) Phenanthrene	17.535	178	199690	26.24	ng	98
72) Anthracene	17.623	178	48900	6.49	ng	98
75) Fluoranthene	19.550	202	411385	42.75	ng	99
78) Pyrene	19.914	202	363842	39.45	ng	98
81) Benzo(a)anthracene	21.777	228	211962	23.27	ng	97
83) Chrysene	21.842	228	179926	20.74	ng	98
87) Indeno(1,2,3-cd)pyrene	28.986	276	126068	12.74	ng	97
88) Benzo(b)fluoranthene	24.086	252	253577	27.75	ng	# 93
89) Benzo(k)fluoranthene	24.086	252	253577	29.51	ng	# 98
90) Benzo(a)pyrene	24.985	252	194472	23.10	ng	97
91) Dibenzo(a,h)anthracene	29.015	278	17629	2.08	ng	# 96
92) Benzo(g,h,i)perylene	30.191	276	115987	13.85	ng	# 93

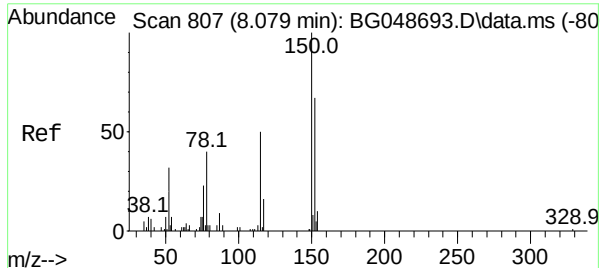
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048708.D
Acq On : 15 Apr 2021 14:20
Operator : CG/JU
Sample : M2019-01RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

Quant Time: Apr 15 15:48:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 10:59:37 2021
Response via : Initial Calibration

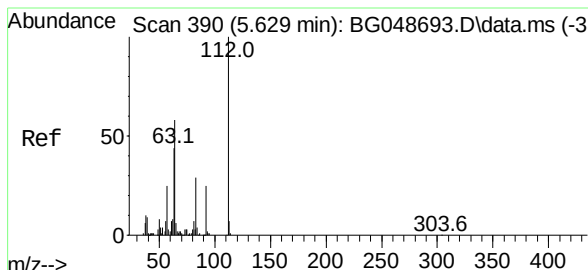
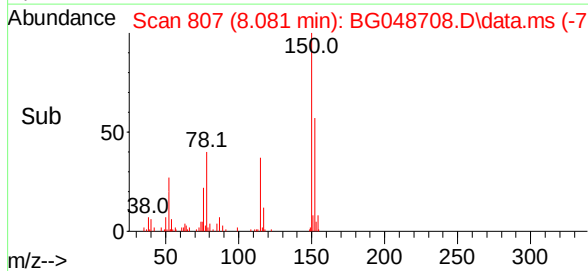
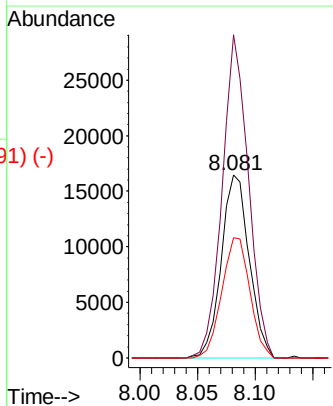
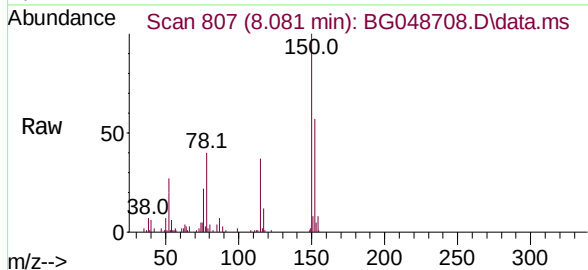




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.081 min Scan# 807
 Delta R.T. -0.006 min
 Lab File: BG048708.D
 Acq: 15 Apr 2021 14:20

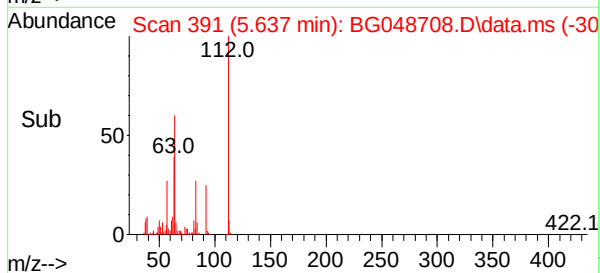
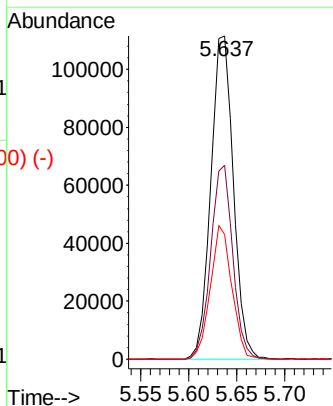
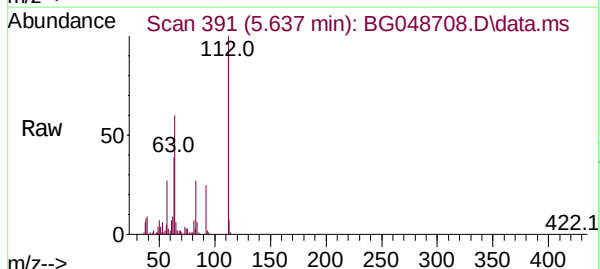
Instrument :
 BNA_G
 ClientSampleId :
 149TH-ST-E1-101

Tgt Ion:	152	Resp:	27763
Ion	Ratio	Lower	Upper
152	100		
150	176.5	119.4	179.0
115	65.6	60.2	90.4

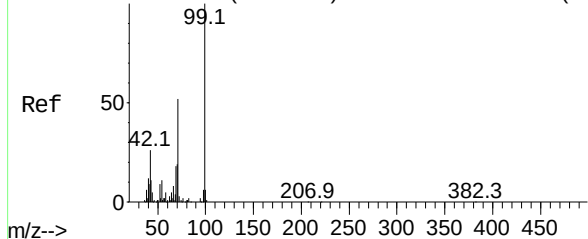


2-Fluorophenol
 Concen: 109.74 ng
 RT: 5.637 min Scan# 391
 Delta R.T. 0.006 min
 Lab File: BG048708.D
 Acq: 15 Apr 2021 14:20

Tgt Ion:	112	Resp:	182163
Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.7	70.1
63	38.5	35.3	52.9



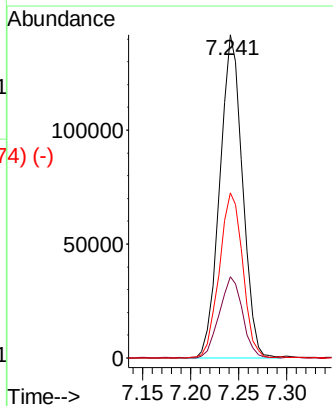
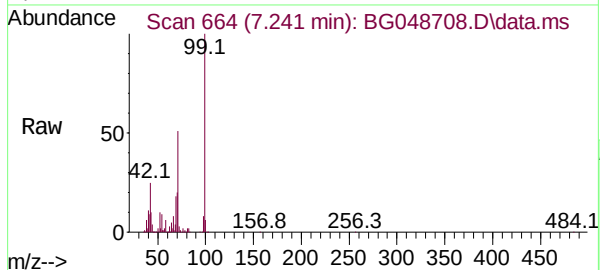
Abundance Scan 664 (7.239 min): BG048693.D\data.ms (-656)#7



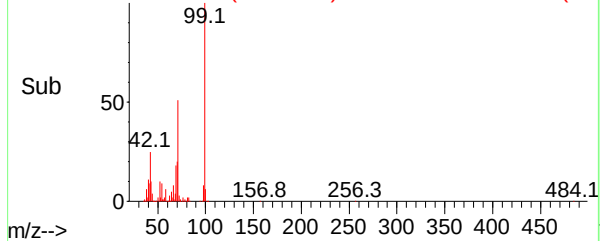
Phenol-d6
Concen: 99.49 ng
RT: 7.241 min Scan# 664
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

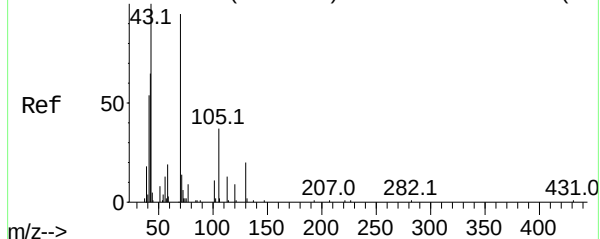
Tgt Ion:	99	Resp:	233594
Ion	Ratio	Lower	Upper
99	100		
42	25.2	20.5	30.7
71	51.1	41.5	62.3



Abundance Scan 664 (7.241 min): BG048708.D\data.ms (-574) (-)

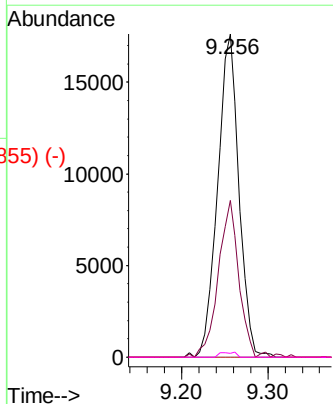
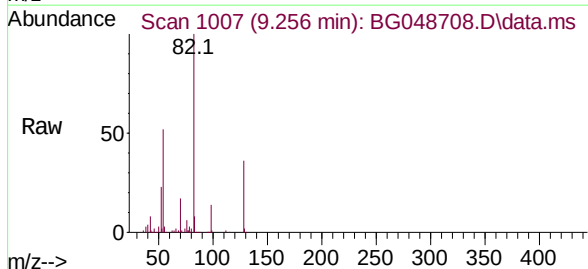


Abundance Scan 945 (8.890 min): BG048693.D\data.ms (-937)#19

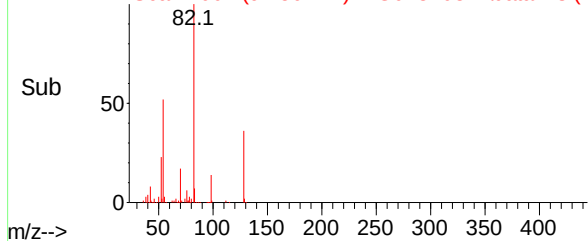


n-Nitroso-di-n-propylamine
Concen: 19.28 ng
RT: 9.256 min Scan# 1007
Delta R.T. 0.364 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion:	70	Resp:	30549
Ion	Ratio	Lower	Upper
70	100		
42	48.5	54.5	81.7#
101	0.0	9.0	13.6#
130	1.2	17.0	25.6#



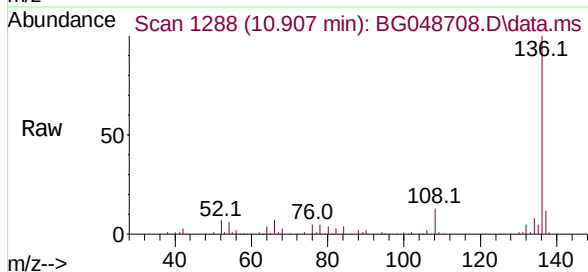
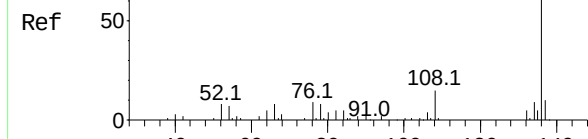
Abundance Scan 1007 (9.256 min): BG048708.D\data.ms (-855) (-)



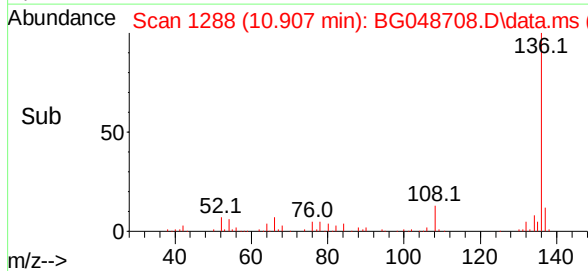
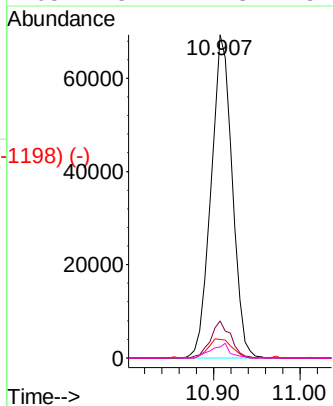
Abundance Scan 1289 (10.911 min): BG048693.D\data.ms (-1281) (-)

Naphthalene-d8
Concen: 20.00 ng
RT: 10.907 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

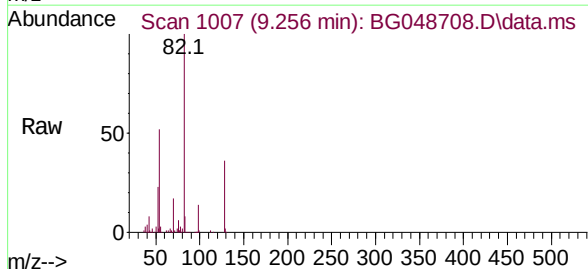
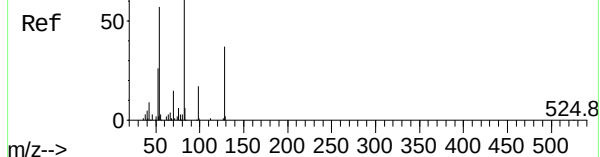


Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.2
54	5.7	5.5	8.3
68	3.4	2.3	3.5

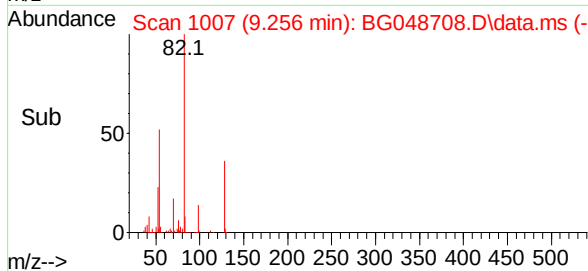
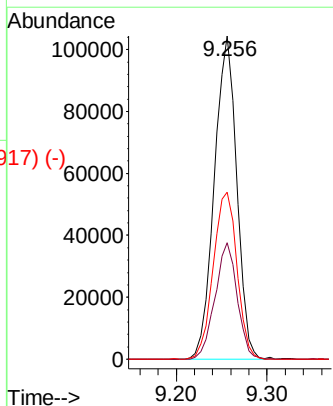


Abundance Scan 1007 (9.254 min): BG048693.D\data.ms (-1002) (-)

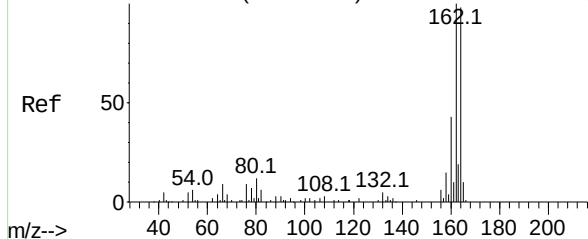
Nitrobenzene-d5
Concen: 67.80 ng
RT: 9.256 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.8	44.6
54	51.7	45.8	68.8



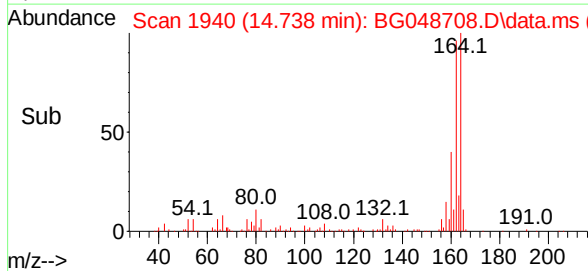
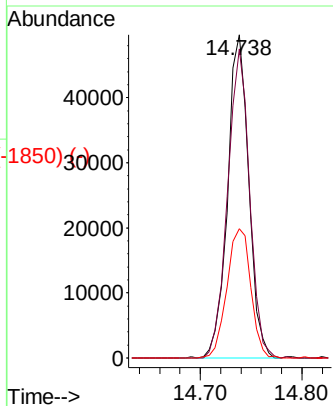
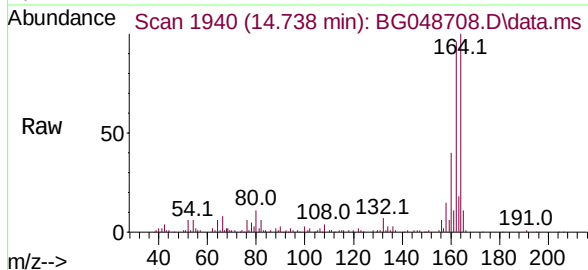
Abundance Scan 1940 (14.736 min): BG048693.D\data.ms (-1850) (-)



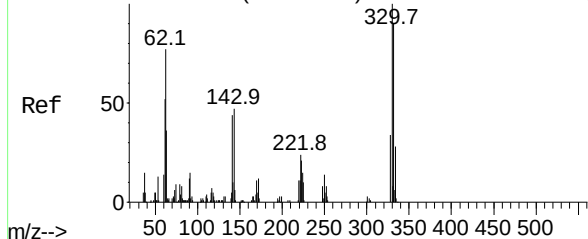
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

Tgt Ion:	164	Resp:	71931
Ion Ratio	Lower	Upper	
164	100		
162	95.6	81.4	122.0
160	40.1	34.9	52.3

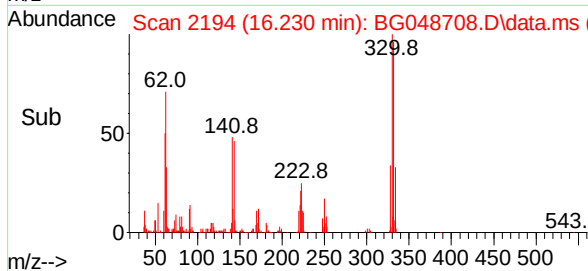
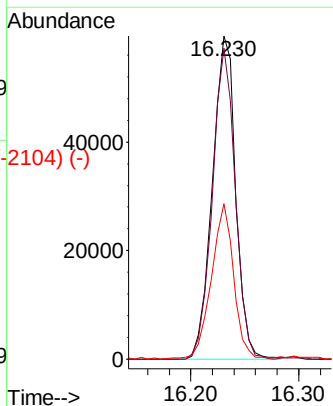
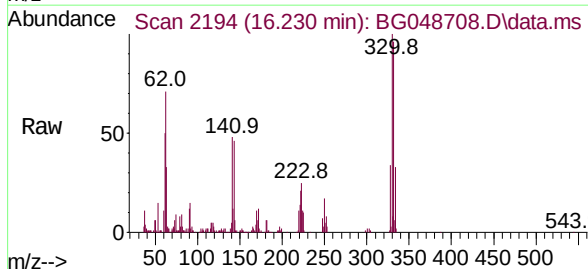


Abundance Scan 2194 (16.228 min): BG048693.D\data.ms (-2104) (-)



2,4,6-Tribromophenol
Concen: 93.09 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

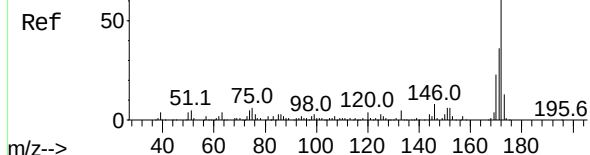
Tgt Ion:	330	Resp:	89783
Ion Ratio	Lower	Upper	
330	100		
332	94.3	77.3	115.9
141	46.0	35.6	53.4



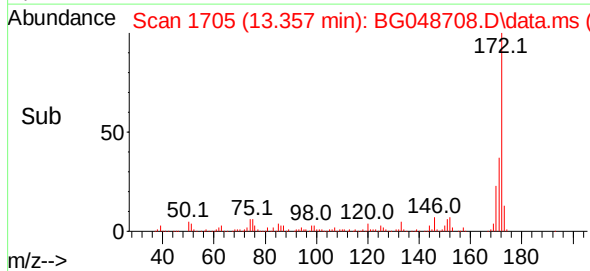
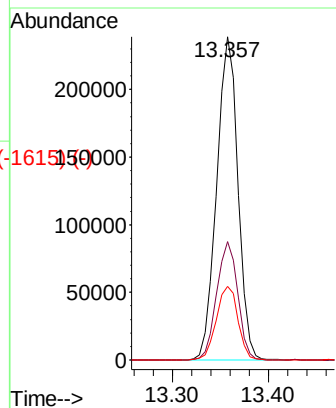
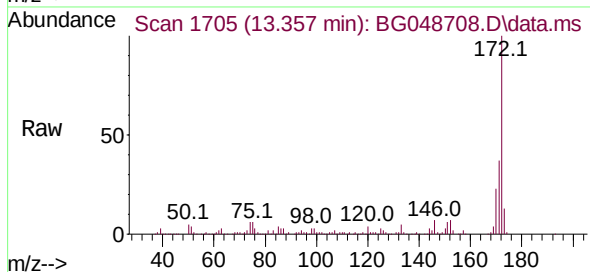
Abundance Scan 1705 (13.355 min): BG048693.D\data.ms (-1695) (-)

2-Fluorobiphenyl
Concen: 73.65 ng
RT: 13.357 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

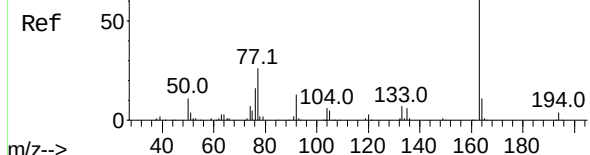


Tgt Ion:	172	Resp:	366869
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	22.8	18.6	27.8

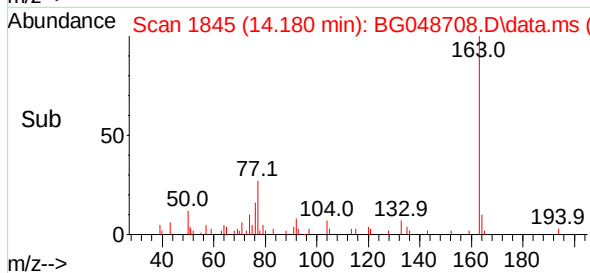
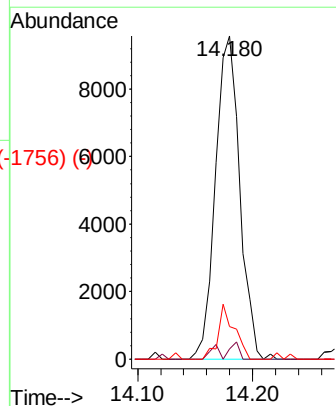
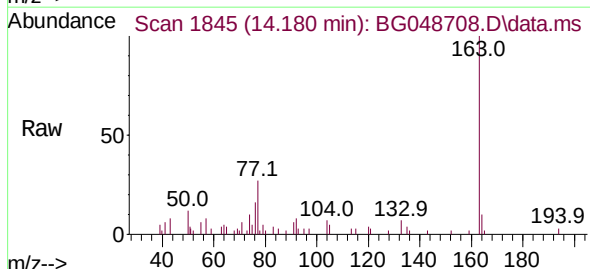


Abundance Scan 1846 (14.183 min): BG048693.D\data.ms (-1650) (-)

Dimethylphthalate
Concen: 2.60 ng
RT: 14.180 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



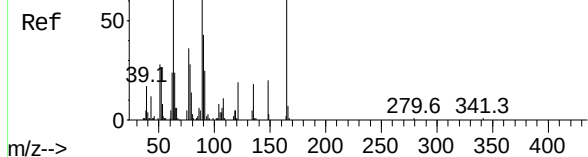
Tgt Ion:	163	Resp:	14050
Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.6
164	10.1	8.6	12.8



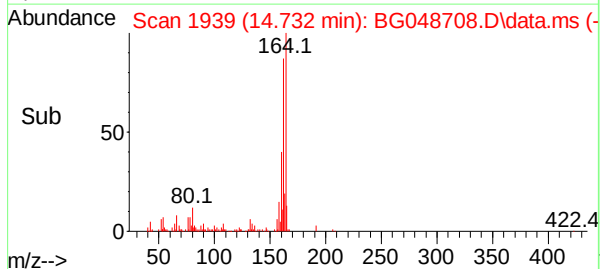
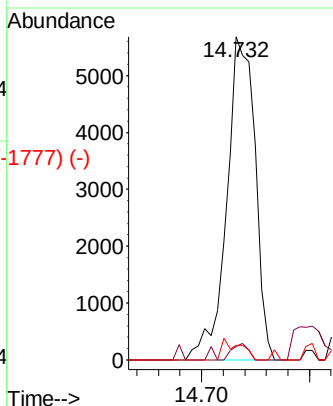
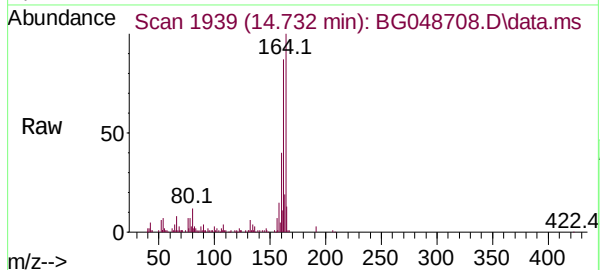
Abundance Scan 1867 (14.307 min): BG048693.D\data.ms (-1650) (-)

2,6-Dinitrotoluene
Concen: 8.39 ng
RT: 14.732 min Scan# 1939
Delta R.T. 0.423 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

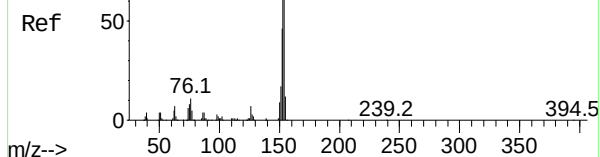


Tgt Ion	Ratio	Lower	Upper
165	100		
63	4.1	63.3	94.9#
89	4.5	63.4	95.0#

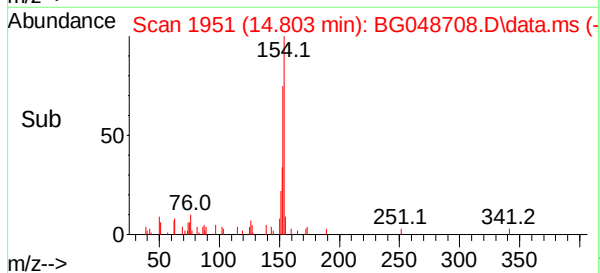
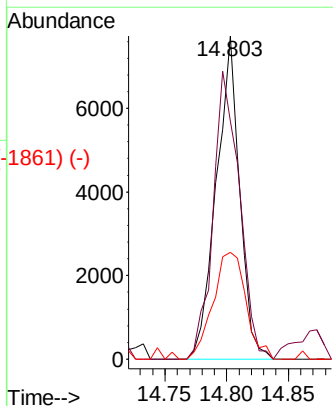
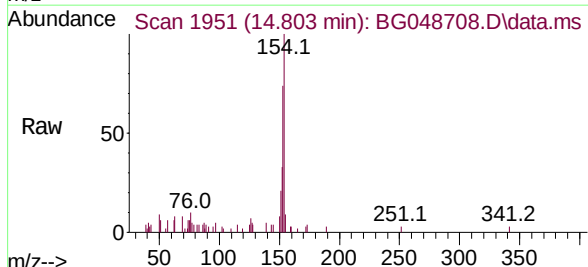


Abundance Scan 1952 (14.806 min): BG048693.D\data.ms (-1952) (-)

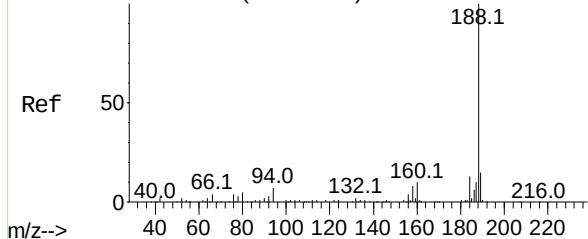
Acenaphthene
Concen: 2.54 ng
RT: 14.803 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



Tgt Ion	Ratio	Lower	Upper
154	100		
153	73.6	87.0	130.4#
152	33.0	40.1	60.1#



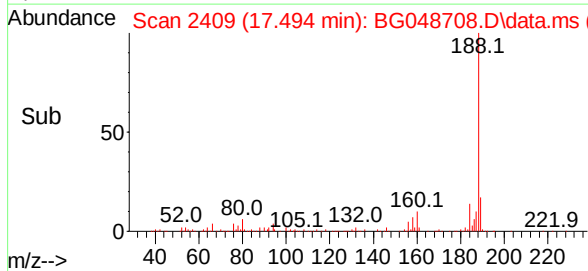
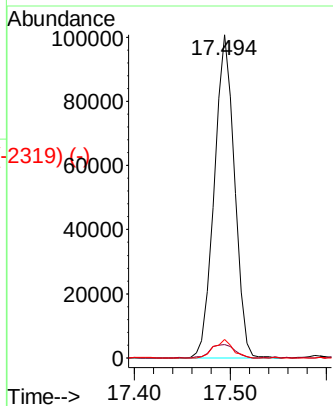
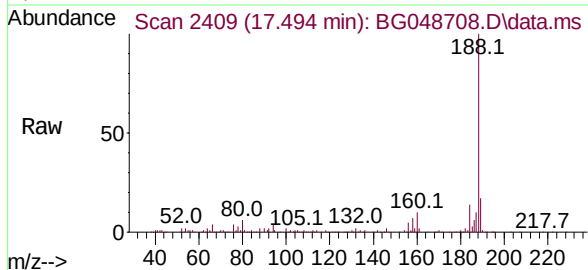
Abundance Scan 2410 (17.497 min): BG048693.D\data.ms (-2409) (-)



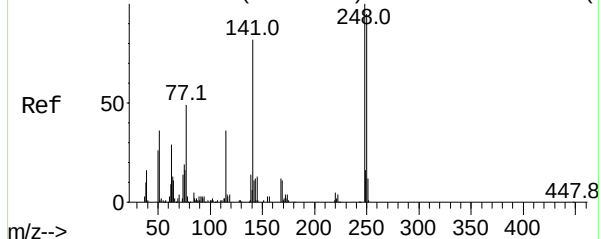
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

Tgt Ion:	188	Resp:	146619
Ion	Ratio	Lower	Upper
188	100		
94	4.2	5.4	8.0#
80	5.6	3.7	5.5#

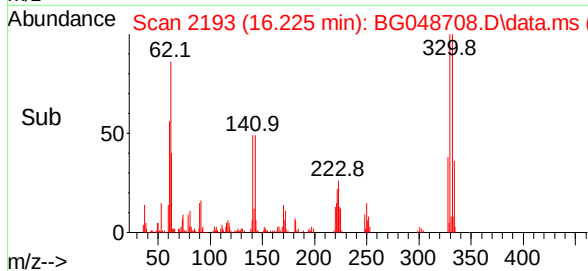
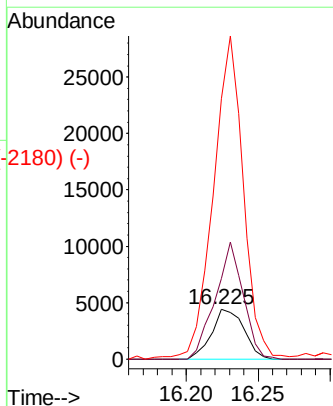
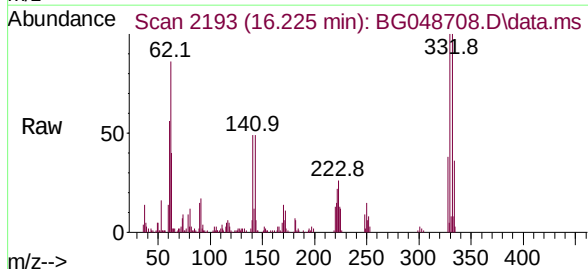


Abundance Scan 2270 (16.674 min): BG048693.D\data.ms (-2267) (-)

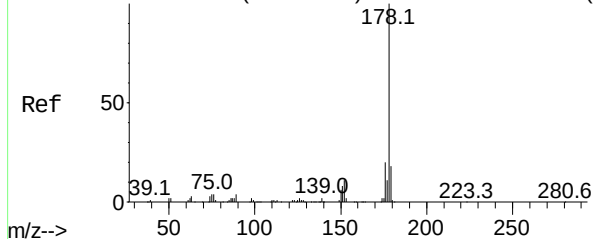


4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 16.225 min Scan# 2193
Delta R.T. -0.453 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion:	248	Resp:	6890
Ion	Ratio	Lower	Upper
248	100		
250	160.8	76.1	114.1#
141	520.1	65.4	98.2#



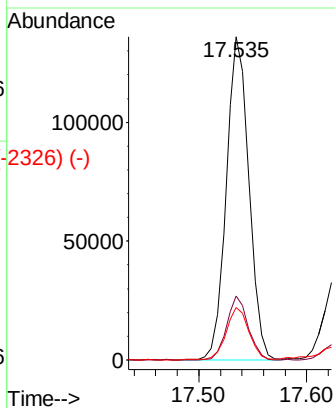
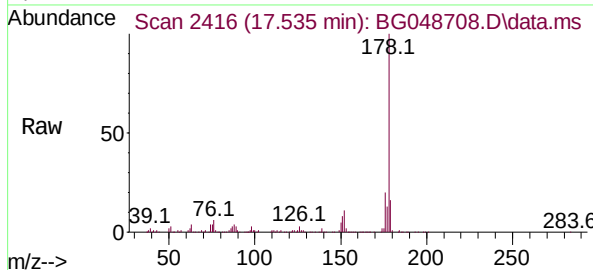
Abundance Scan 2417 (17.538 min): BG048693.D\data.ms (-2479) (-)



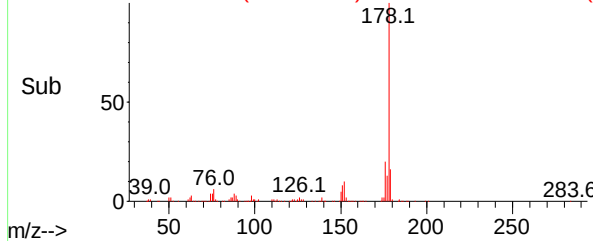
Phenanthrene
Concen: 26.24 ng
RT: 17.535 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

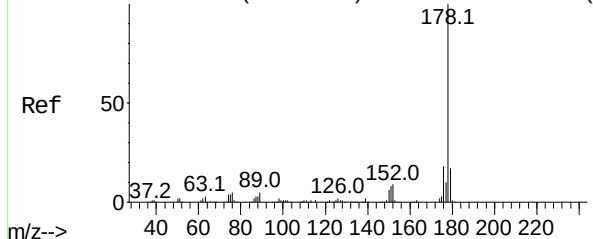
Tgt Ion:	178	Resp:	199690
Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.3	14.2	21.4



Abundance Scan 2416 (17.535 min): BG048708.D\data.ms (-2326) (-)

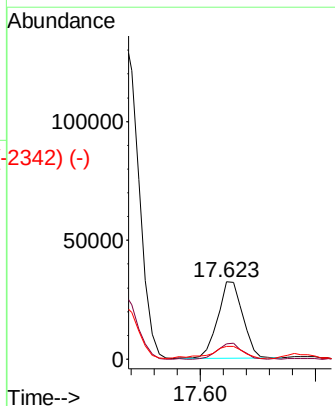
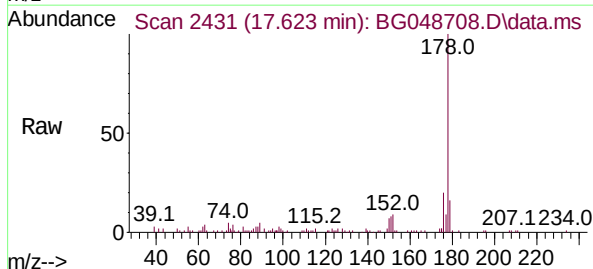


Abundance Scan 2432 (17.626 min): BG048693.D\data.ms (-2479) (-)

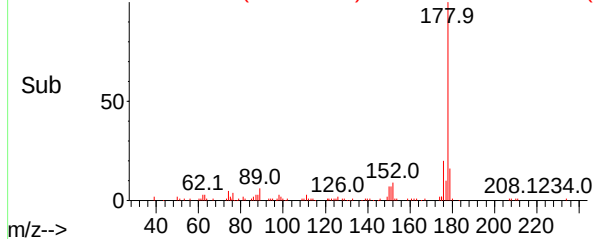


Anthracene
Concen: 6.49 ng
RT: 17.623 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion:	178	Resp:	48900
Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.6	21.8
179	16.1	13.4	20.0



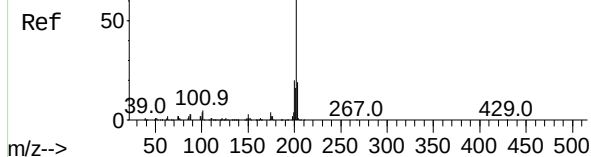
Abundance Scan 2431 (17.623 min): BG048708.D\data.ms (-2342) (-)



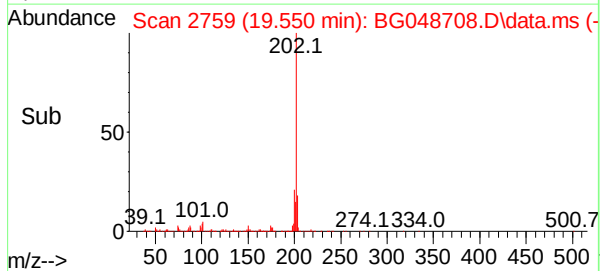
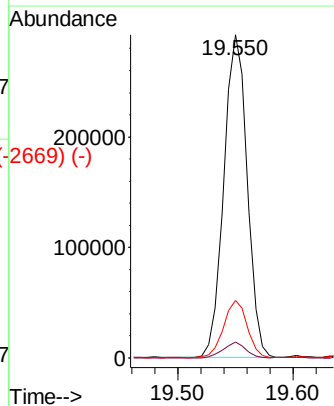
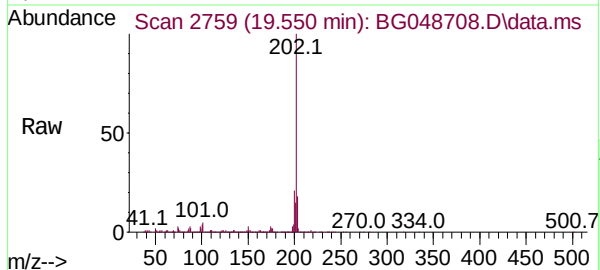
Abundance Scan 2759 (19.548 min): BG048693.D\data.ms (-275) (-)

Fluoranthene
Concen: 42.75 ng
RT: 19.550 min Scan# 2759
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

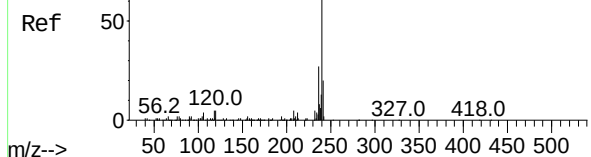


Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.9	0.0	24.7
203	17.8	0.0	38.5

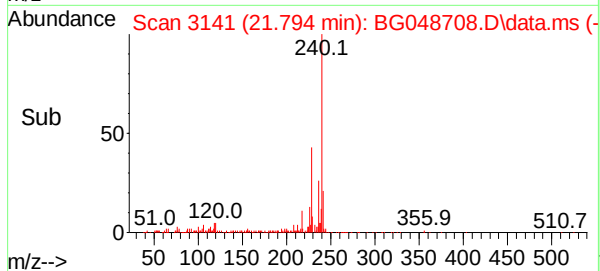
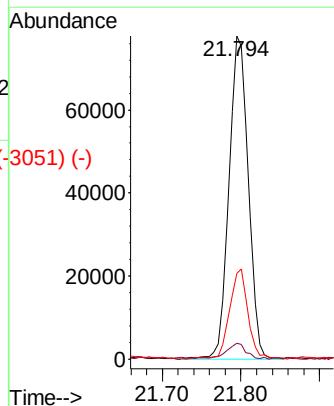
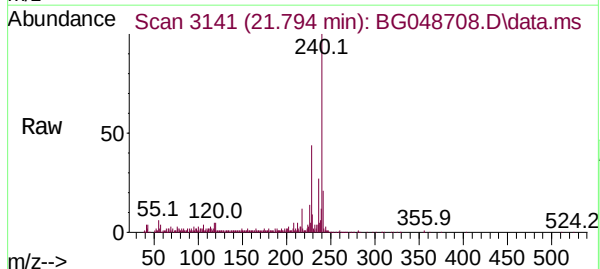


Abundance Scan 3142 (21.798 min): BG048693.D\data.ms (-314) (-)

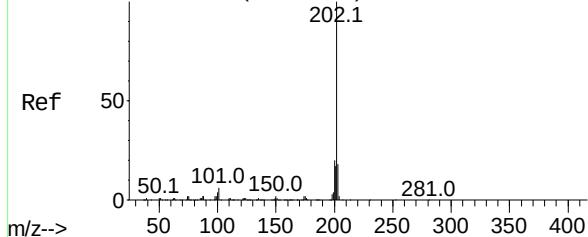
Chrysene-d12
Concen: 20.00 ng
RT: 21.794 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.2	6.2
236	26.5	21.8	32.6



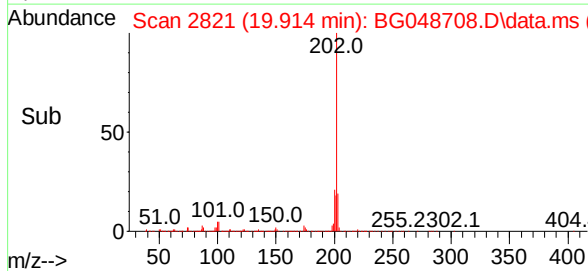
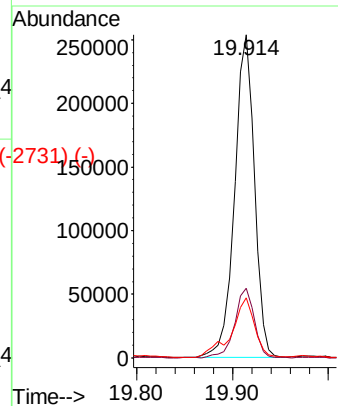
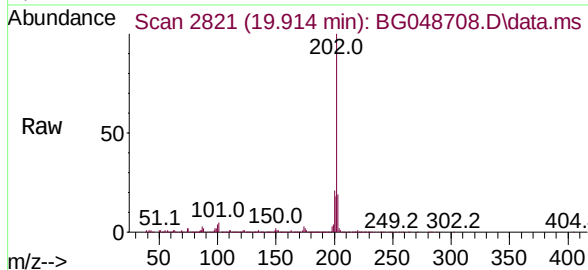
Abundance Scan 2821 (19.912 min): BG048693.D\data.ms (-272) (-)



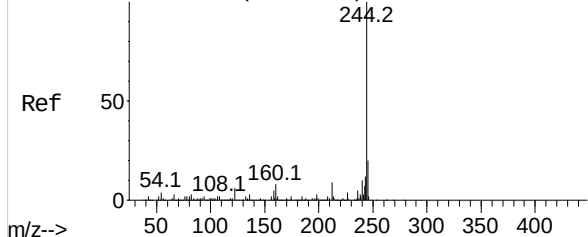
Pyrene
Concen: 39.45 ng
RT: 19.914 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	15.8	23.8
203	18.7	14.6	21.8

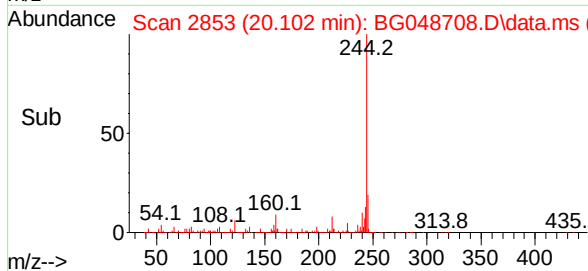
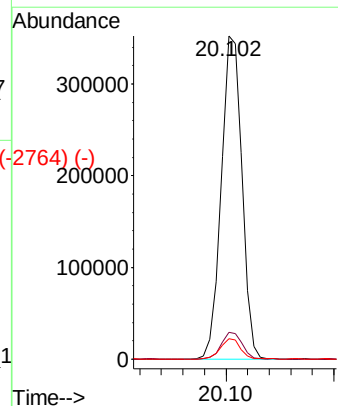
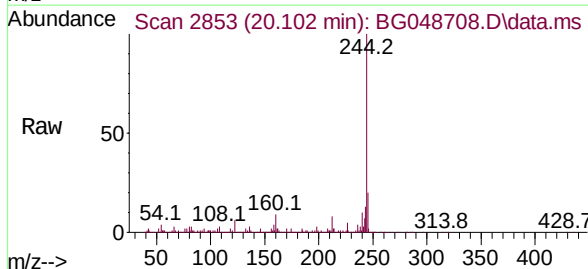


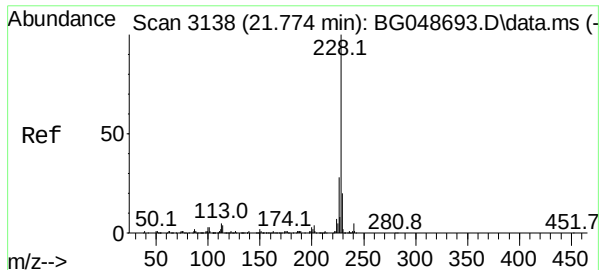
Abundance Scan 2854 (20.106 min): BG048693.D\data.ms (-272) (-)



Terphenyl-d14
Concen: 61.17 ng
RT: 20.102 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	6.3	5.0	7.6

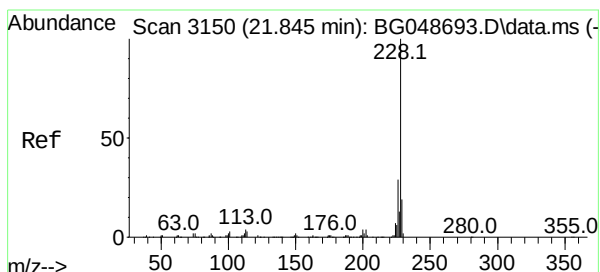
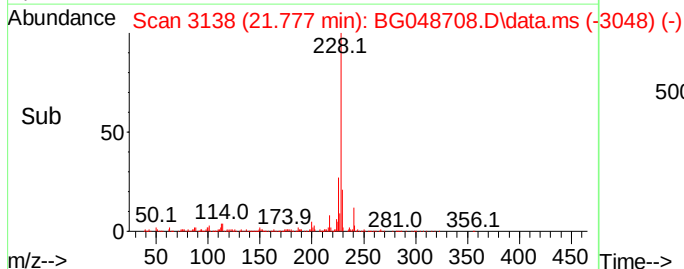
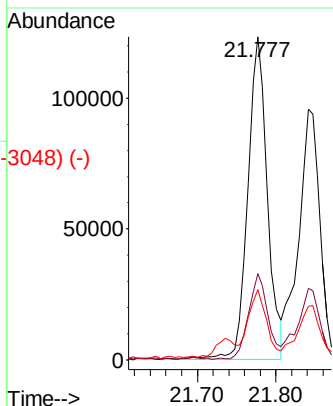
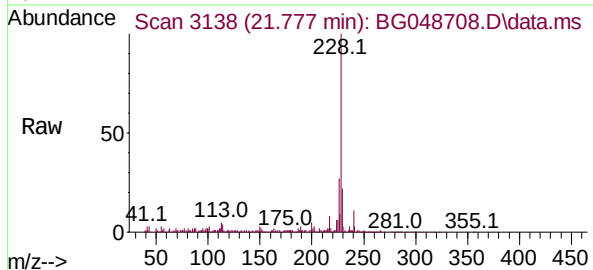




Benzo(a)anthracene
 Concen: 23.27 ng
 RT: 21.777 min Scan# 3138
 Delta R.T. -0.000 min
 Lab File: BG048708.D
 Acq: 15 Apr 2021 14:20

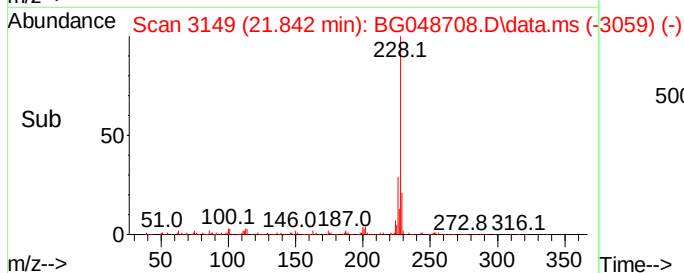
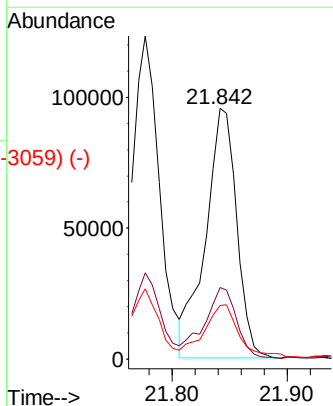
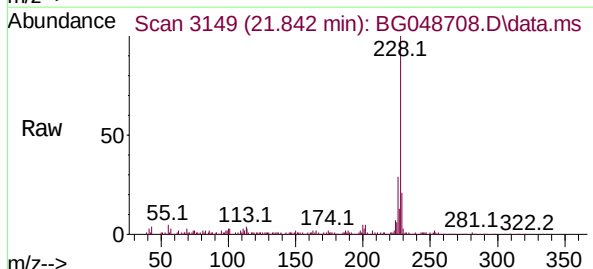
Instrument :
 BNA_G
 ClientSampleId :
 149TH-ST-E1-101

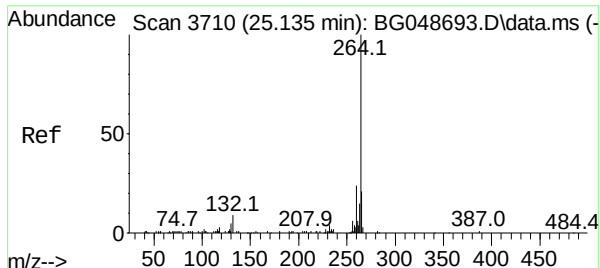
Tgt Ion:	228	Resp:	211962
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.7	34.1
229	21.8	16.0	24.0



Chrysene
 Concen: 20.74 ng
 RT: 21.842 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: BG048708.D
 Acq: 15 Apr 2021 14:20

Tgt Ion:	228	Resp:	179926
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.1	34.7
229	21.4	15.3	22.9

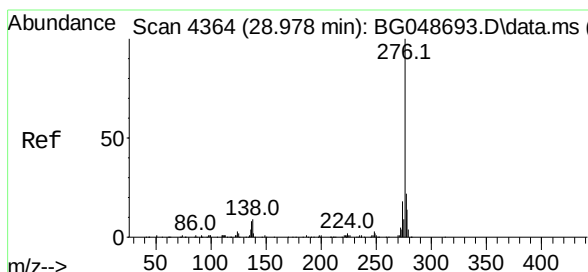
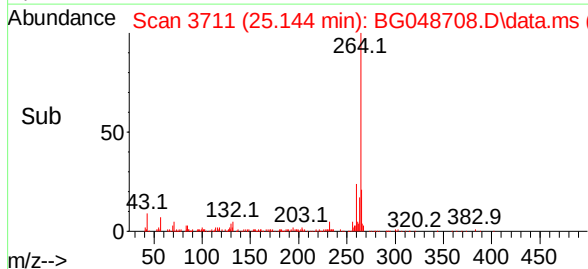
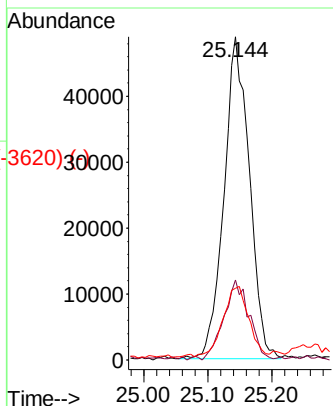
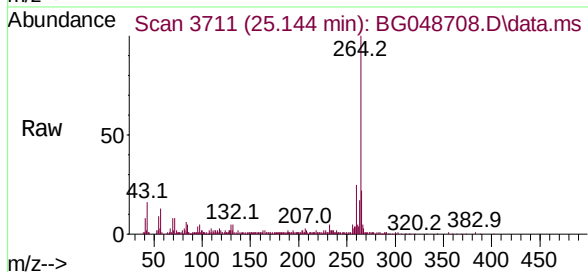




Perylene-d12
Concen: 20.00 ng
RT: 25.144 min Scan# 3711
Delta R.T. 0.006 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

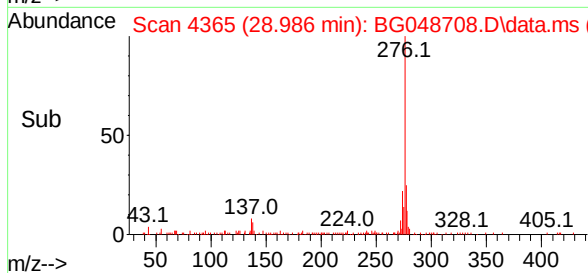
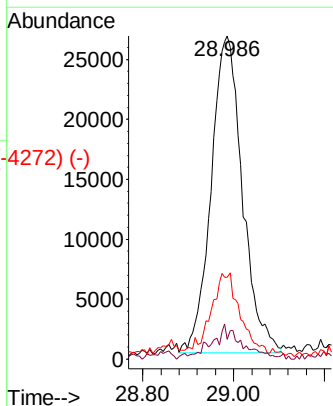
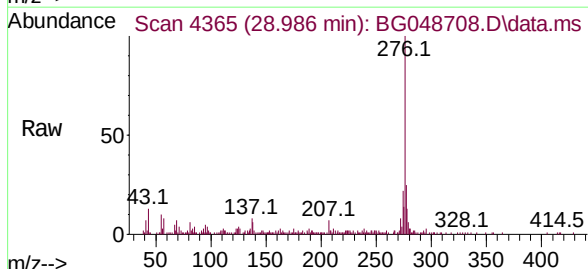
Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

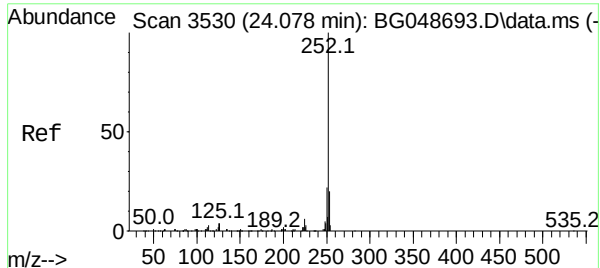
Tgt Ion:	264	Resp:	134690
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.4	29.2
265	22.1	16.9	25.3



Indeno(1,2,3-cd)pyrene
Concen: 12.74 ng
RT: 28.986 min Scan# 4365
Delta R.T. 0.017 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion:	276	Resp:	126068
Ion Ratio	Lower	Upper	
276	100		
138	7.0	5.1	7.7
277	23.3	19.8	29.6

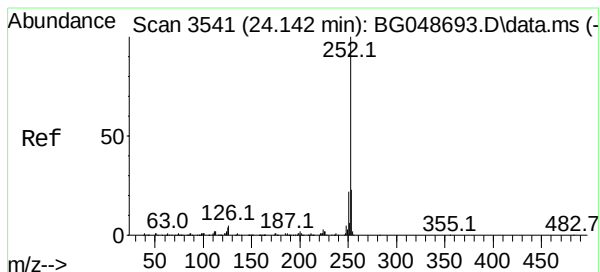
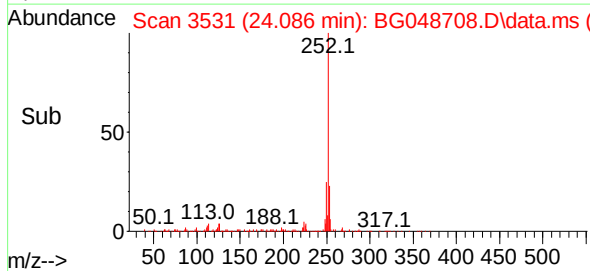
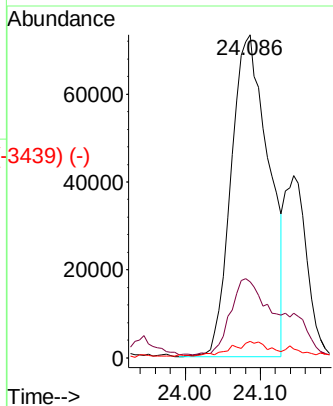
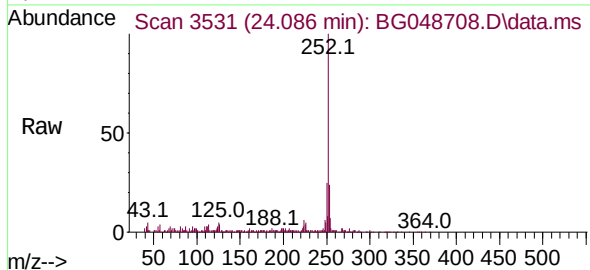




Benzo(b)fluoranthene
 Concen: 27.75 ng
 RT: 24.086 min Scan# 3531
 Delta R.T. 0.011 min
 Lab File: BG048708.D
 Acq: 15 Apr 2021 14:20

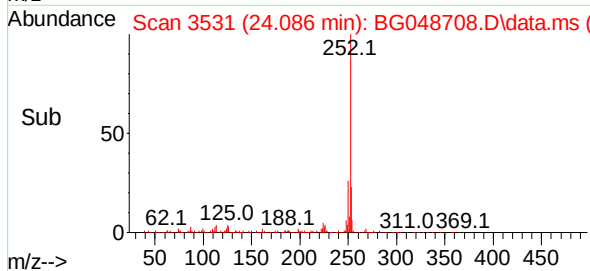
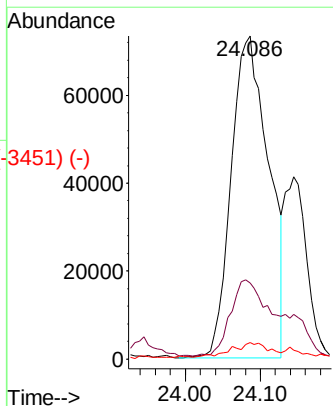
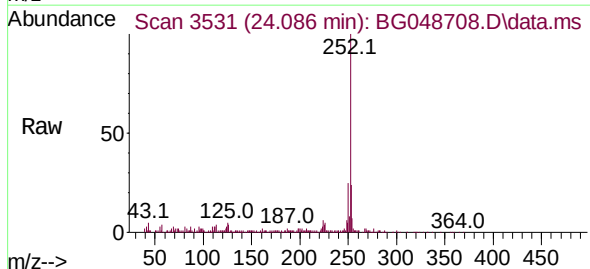
Instrument :
 BNA_G
 ClientSampleId :
 149TH-ST-E1-101

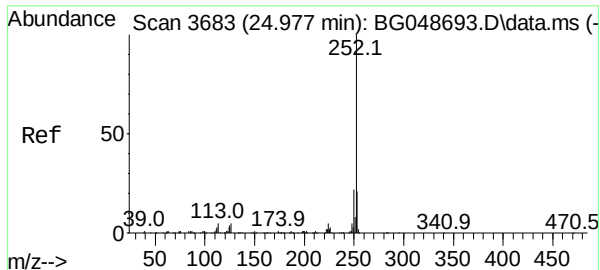
Tgt Ion:	252	Resp:	253577
Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.2	24.4
125	5.1	3.0	4.4#



Benzo(k)fluoranthene
 Concen: 29.51 ng
 RT: 24.086 min Scan# 3531
 Delta R.T. -0.059 min
 Lab File: BG048708.D
 Acq: 15 Apr 2021 14:20

Tgt Ion:	252	Resp:	253577
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	5.1	3.1	4.7#

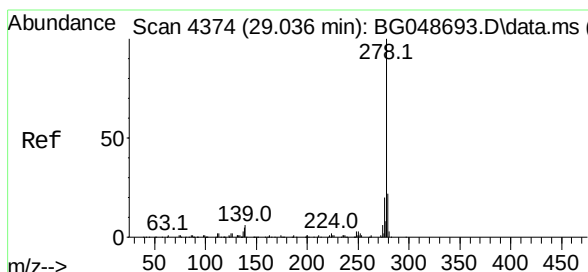
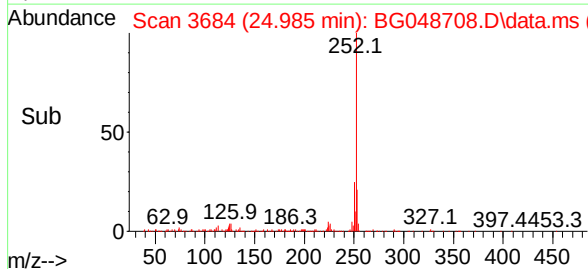
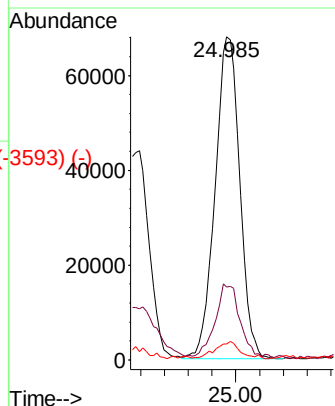
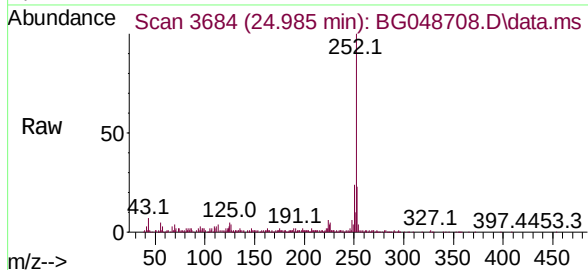




Benzo(a)pyrene
 Concen: 23.10 ng
 RT: 24.985 min Scan# 3684
 Delta R.T. 0.006 min
 Lab File: BG048708.D
 Acq: 15 Apr 2021 14:20

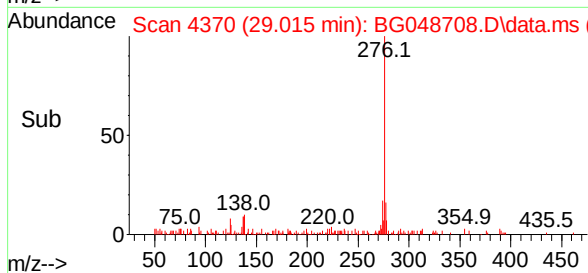
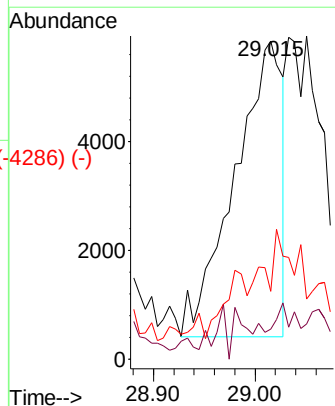
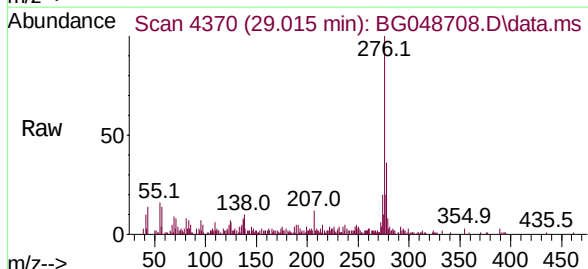
Instrument :
 BNA_G
 ClientSampleId :
 149TH-ST-E1-101

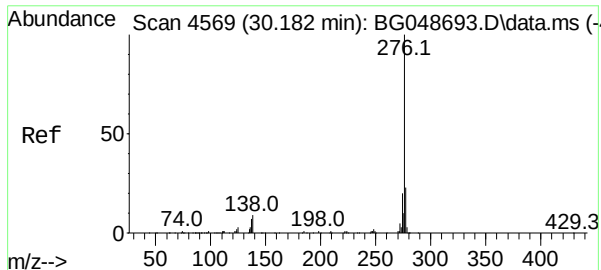
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.6	25.0
125	4.9	3.5	5.3



Dibenzo(a,h)anthracene
 Concen: 2.08 ng
 RT: 29.015 min Scan# 4370
 Delta R.T. -0.036 min
 Lab File: BG048708.D
 Acq: 15 Apr 2021 14:20

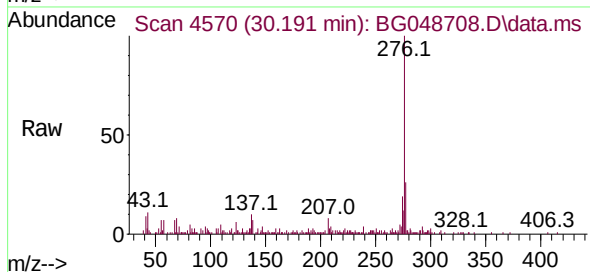
Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.4	4.6	6.8#
279	21.2	17.9	26.9





Benzo(g,h,i)perylene
 Concen: 13.85 ng
 RT: 30.191 min Scan# 4570
 Delta R.T. 0.011 min
 Lab File: BG048708.D
 Acq: 15 Apr 2021 14:20

Instrument :
 BNA_G
 ClientSampleId :
 149TH-ST-E1-101



Tgt Ion:	276	Resp:	115987
Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.4	27.6
138	6.9	7.0	10.6#

