

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
 Data File : BG048848.D
 Acq On : 22 Apr 2021 15:42
 Operator : CG/JU
 Sample : M2099-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Apr 22 16:17:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

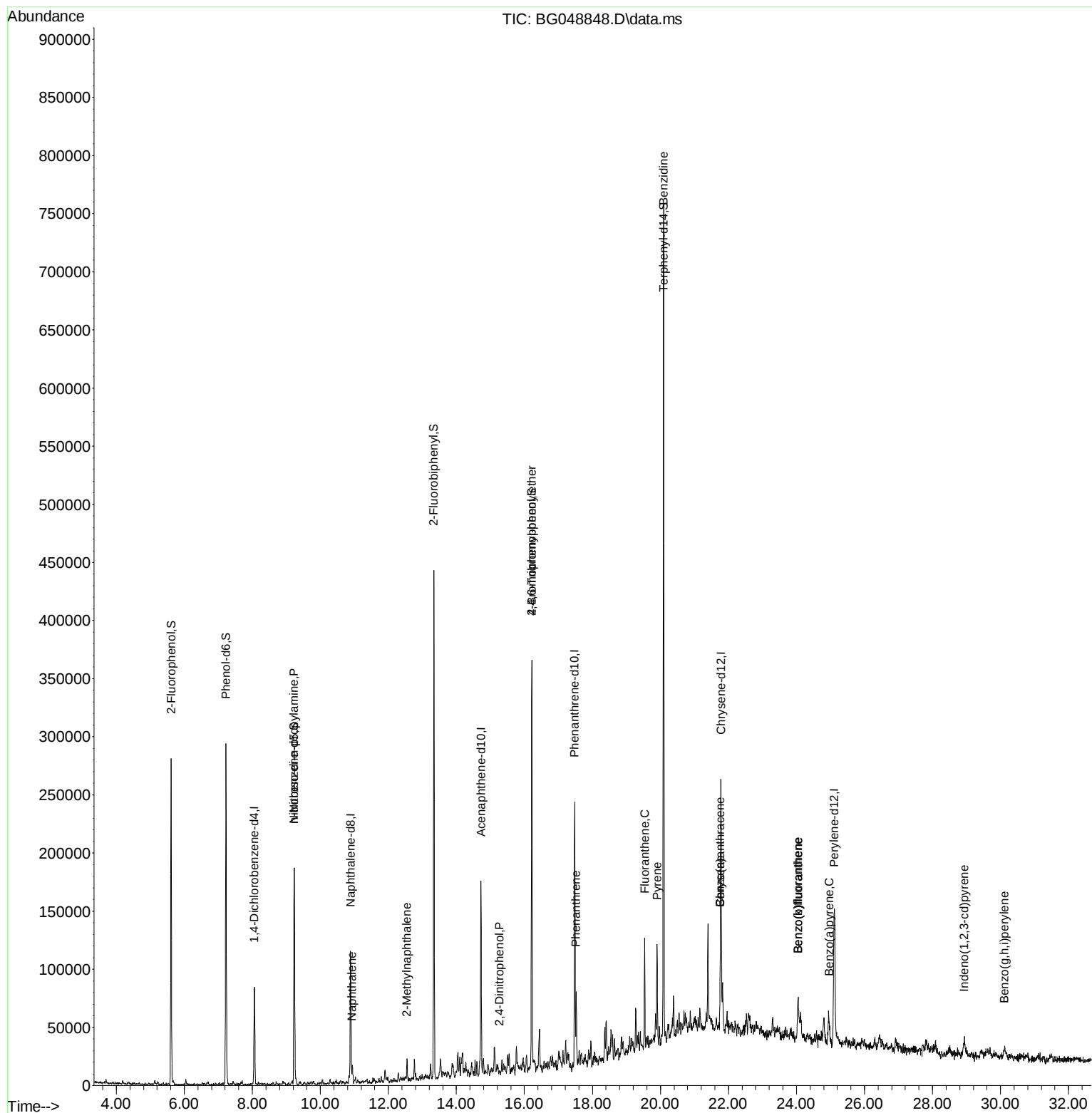
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	20429	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	83390	20.00	ng	0.00
39) Acenaphthene-d10	14.725	164	58493	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	131144	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	122142	20.00	ng	0.00
86) Perylene-d12	25.112	264	122549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	107841	88.29	ng	0.00
7) Phenol-d6	7.222	99	143372	82.98	ng	0.00
23) Nitrobenzene-d5	9.231	82	112534	60.42	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	55006	70.14	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	211430	52.20	ng	0.00
79) Terphenyl-d14	20.095	244	309005	43.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.231	70	16305	13.99	ng	# 73
31) Naphthalene	10.935	128	10424	2.44	ng	# 96
37) 2-Methylnaphthalene	12.545	142	8613	2.52	ng	# 90
54) 2,4-Dinitrophenol	15.265	184	85	5.41	ng	# 8
67) 4-Bromophenyl-phenylether	16.217	248	4448	2.95	ng	# 1
71) Phenanthrene	17.521	178	39800	5.85	ng	93
75) Fluoranthene	19.537	202	54051	6.28	ng	92
77) Benzidine	20.089	184	6884	2.08	ng	99
78) Pyrene	19.901	202	50853	6.02	ng	96
81) Benzo(a)anthracene	21.758	228	26935	3.23	ng	97
83) Chrysene	21.758	228	26935	3.39	ng	97
87) Indeno(1,2,3-cd)pyrene	28.937	276	18568	2.06	ng	98
88) Benzo(b)fluoranthene	24.055	252	40572	4.88	ng	# 95
89) Benzo(k)fluoranthene	24.055	252	40572	5.19	ng	# 97
90) Benzo(a)pyrene	24.960	252	23788	3.11	ng	# 94
92) Benzo(g,h,i)perylene	30.118	276	19023	2.50	ng	# 94

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

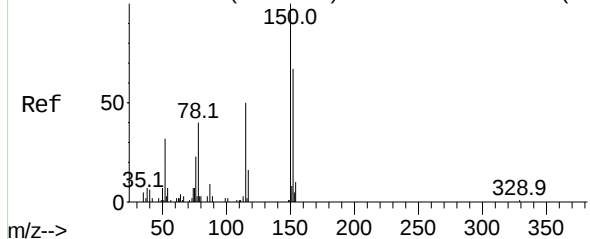
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048848.D
Acq On : 22 Apr 2021 15:42
Operator : CG/JU
Sample : M2099-09
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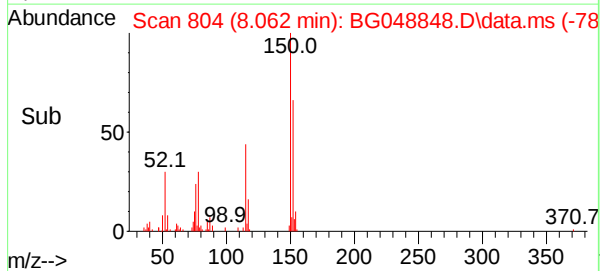
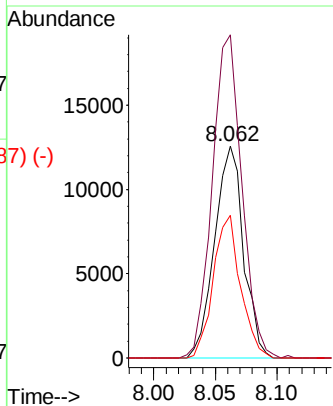
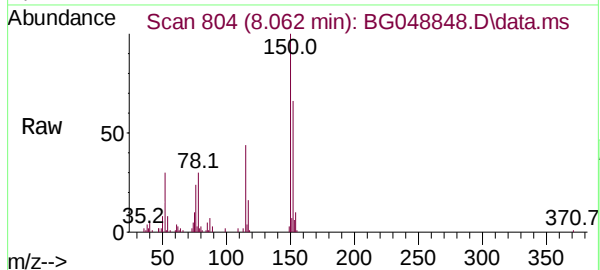
Abundance Scan 807 (8.079 min): BG048693.D\data.ms (-800)#1



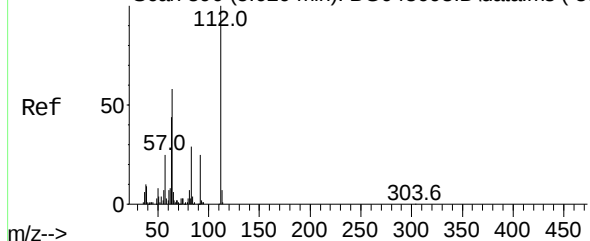
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.062 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Instrument :
BNA_G
ClientSampled :
TP-5

Tgt Ion:	152	Resp:	20429
Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.4	179.0
115	67.4	60.2	90.4

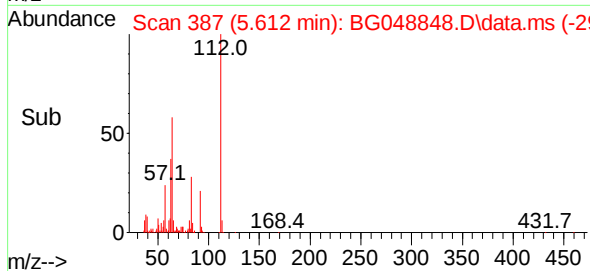
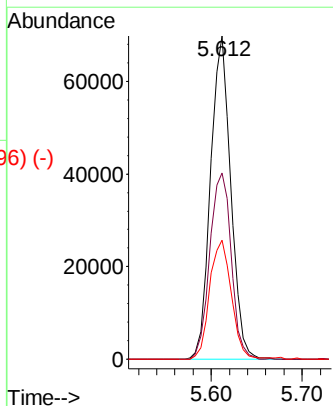
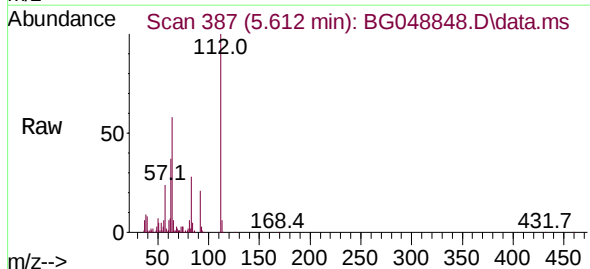


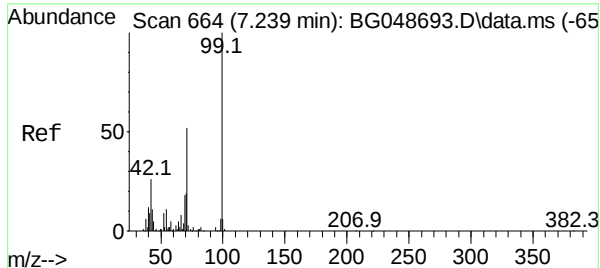
Abundance Scan 390 (5.629 min): BG048693.D\data.ms (-383)#5



2-Fluorophenol
Concen: 88.29 ng
RT: 5.612 min Scan# 387
Delta R.T. 0.007 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Tgt Ion:	112	Resp:	107841
Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.7	70.1
63	36.8	35.3	52.9

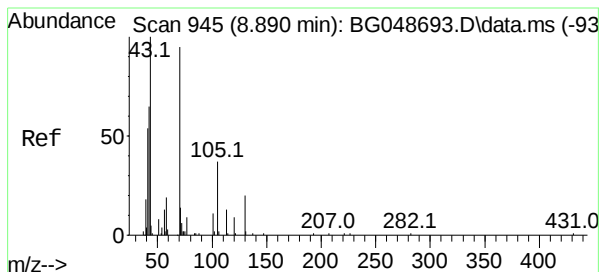
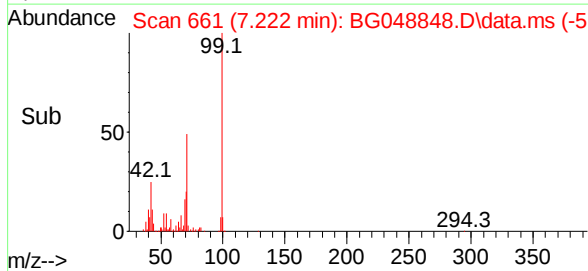
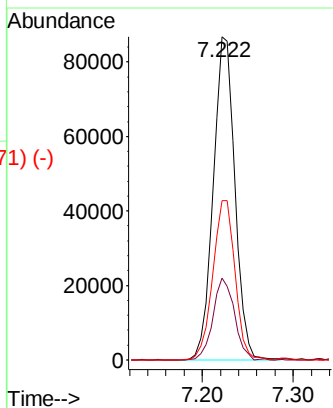
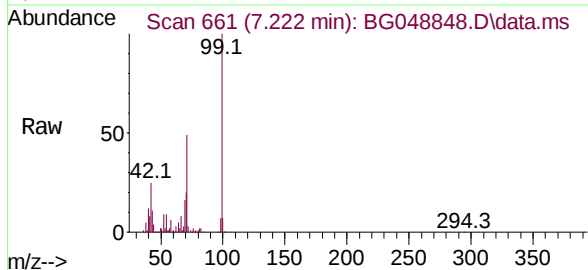




Phenol-d6
 Concen: 82.98 ng
 RT: 7.222 min Scan# 661
 Delta R.T. 0.001 min
 Lab File: BG048848.D
 Acq: 22 Apr 2021 15:42

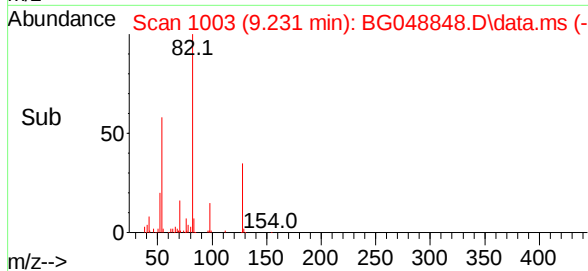
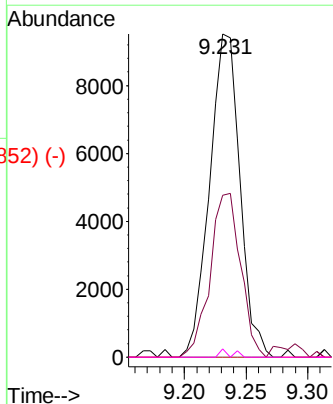
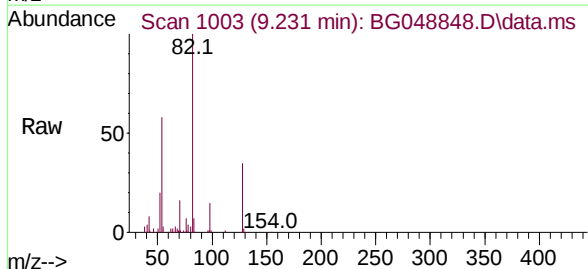
Instrument :
 BNA_G
 ClientSampled :
 TP-5

Tgt Ion:	99	Resp:	143372
Ion	Ratio	Lower	Upper
99	100		
42	25.3	20.5	30.7
71	49.4	41.5	62.3



n-Nitroso-di-n-propylamine
 Concen: 13.99 ng
 RT: 9.231 min Scan# 1003
 Delta R.T. 0.359 min
 Lab File: BG048848.D
 Acq: 22 Apr 2021 15:42

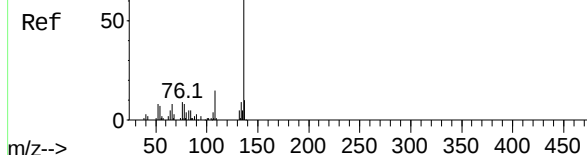
Tgt Ion:	70	Resp:	16305
Ion	Ratio	Lower	Upper
70	100		
42	50.0	54.5	81.7#
101	0.0	9.0	13.6#
130	2.5	17.0	25.6#



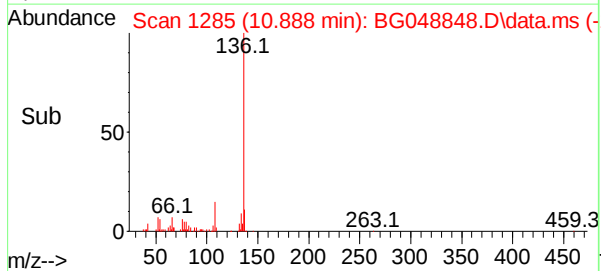
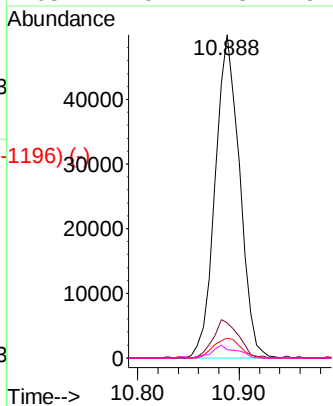
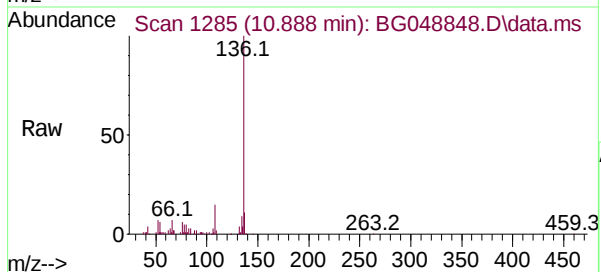
Abundance Scan 1289 (10.911 min): BG048693.D\data.ms (-1281)

Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Instrument :
BNA_G
ClientSampled :
TP-5



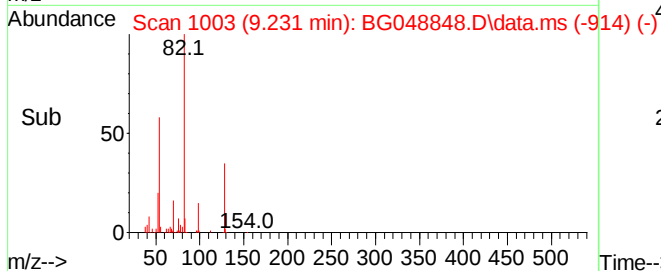
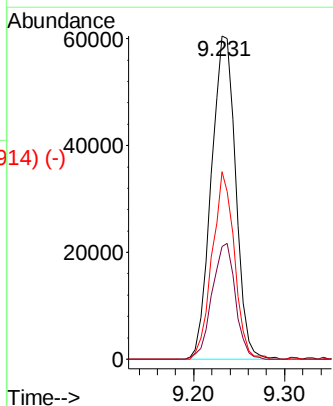
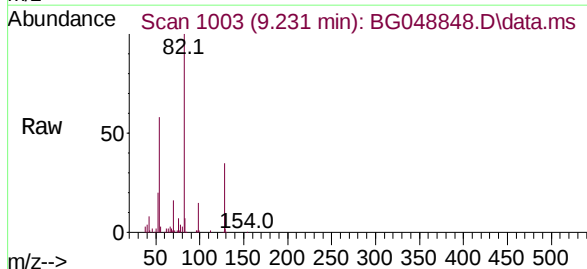
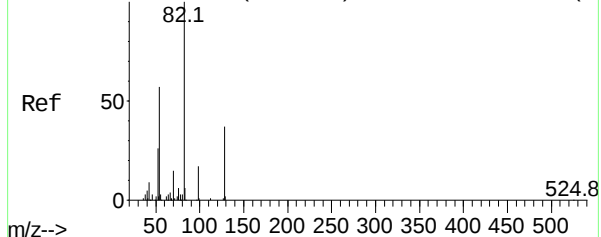
Tgt Ion:	136	Resp:	83390
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	6.1	5.5	8.3
68	2.5	2.3	3.5

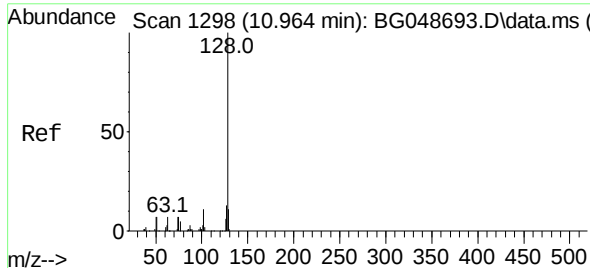


Abundance Scan 1007 (9.254 min): BG048693.D\data.ms (-1003)

Nitrobenzene-d5
Concen: 60.42 ng
RT: 9.231 min Scan# 1003
Delta R.T. -0.005 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Tgt Ion:	82	Resp:	112534
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.8	44.6
54	58.1	45.8	68.8

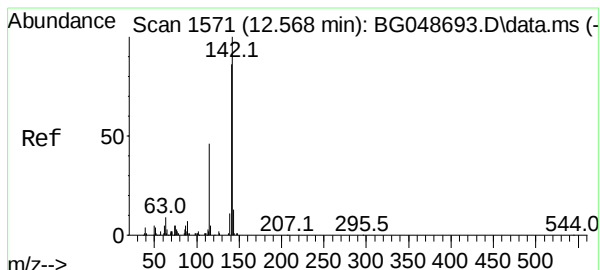
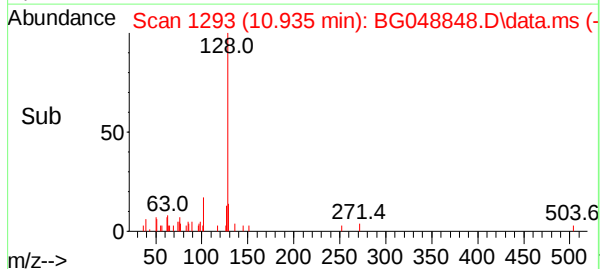
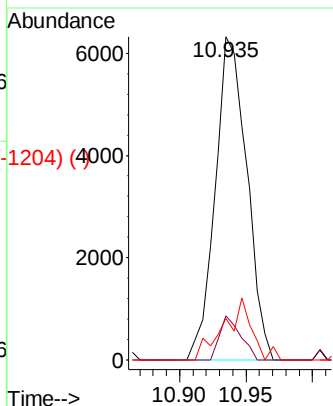
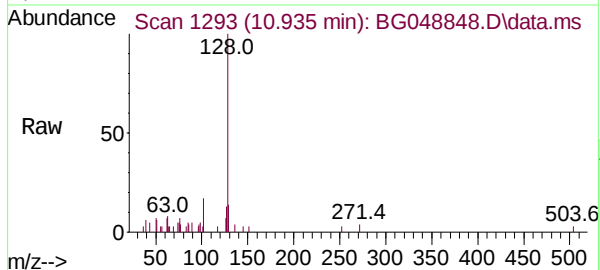




Scan 1298 (10.964 min): BG048693.D\data.ms (-1280) (-)
 Naphthalene
 Concen: 2.44 ng
 RT: 10.935 min Scan# 1293
 Delta R.T. -0.005 min
 Lab File: BG048848.D
 Acq: 22 Apr 2021 15:42

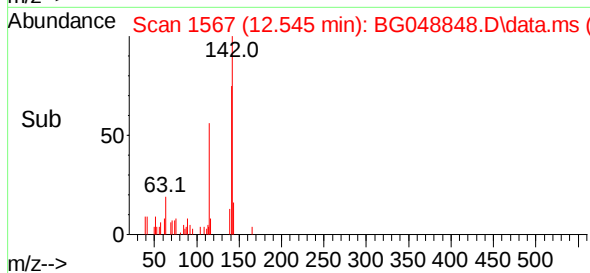
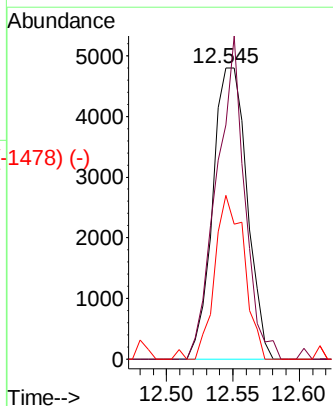
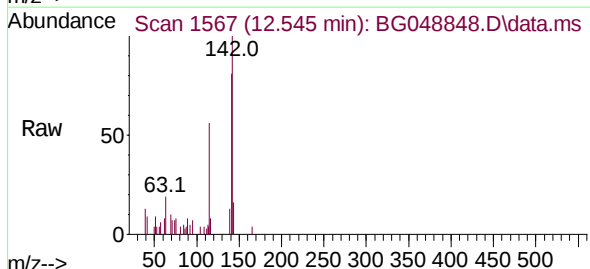
Instrument :
 BNA_G
 ClientSampled :
 TP-5

Tgt Ion:	128	Resp:	10424
Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.5	12.7#
127	12.8	10.2	15.4



Scan 1571 (12.568 min): BG048693.D\data.ms (-1567) (-)
 2-Methylnaphthalene
 Concen: 2.52 ng
 RT: 12.545 min Scan# 1567
 Delta R.T. -0.005 min
 Lab File: BG048848.D
 Acq: 22 Apr 2021 15:42

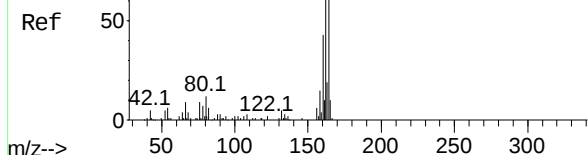
Tgt Ion:	142	Resp:	8613
Ion	Ratio	Lower	Upper
142	100		
141	80.5	68.8	103.2
115	56.3	36.4	54.6#



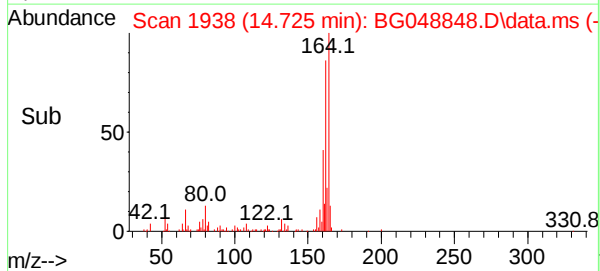
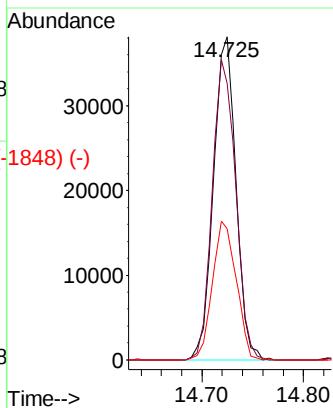
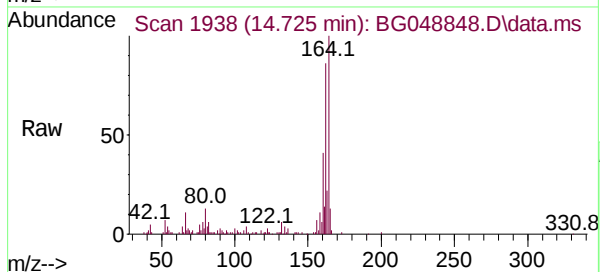
Abundance Scan 1940 (14.736 min): BG048693.D\data.ms (-1939) (-)

Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Instrument :
BNA_G
ClientSampled :
TP-5

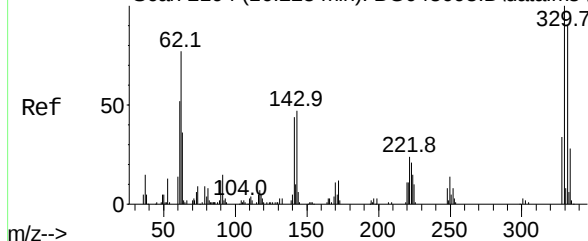


Tgt Ion:	164	Resp:	58493
Ion	Ratio	Lower	Upper
164	100		
162	85.6	81.4	122.0
160	40.6	34.9	52.3

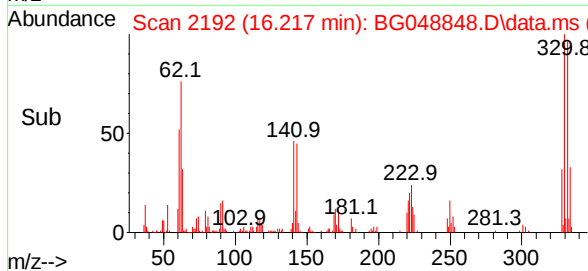
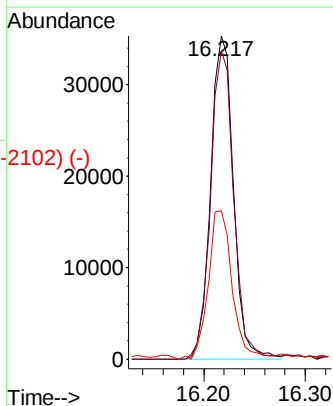
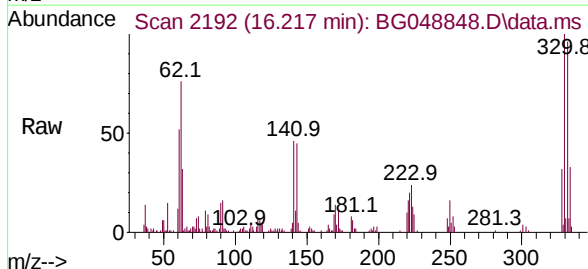


Abundance Scan 2194 (16.228 min): BG048693.D\data.ms (-2192) (-)

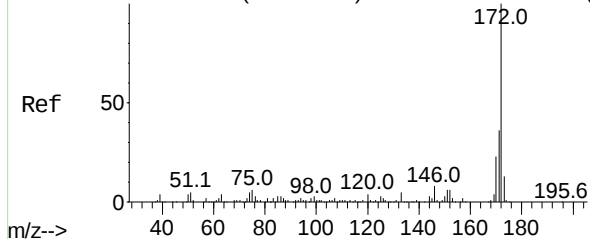
2,4,6-Tribromophenol
Concen: 70.14 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42



Tgt Ion:	330	Resp:	55006
Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.3	115.9
141	47.9	35.6	53.4



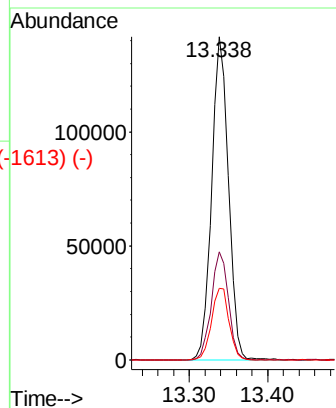
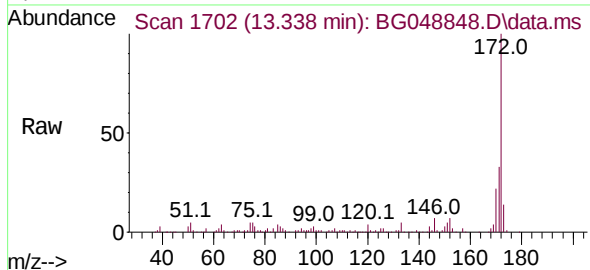
Abundance Scan 1705 (13.355 min): BG048693.D\data.ms (-1695) (-)



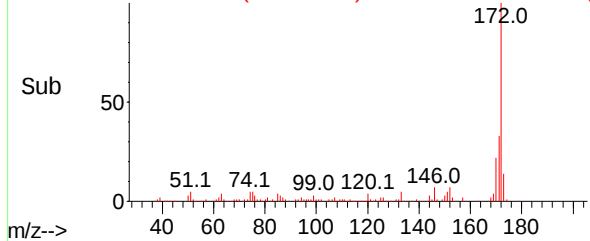
2-Fluorobiphenyl
Concen: 52.20 ng
RT: 13.338 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Instrument :
BNA_G
ClientSampled :
TP-5

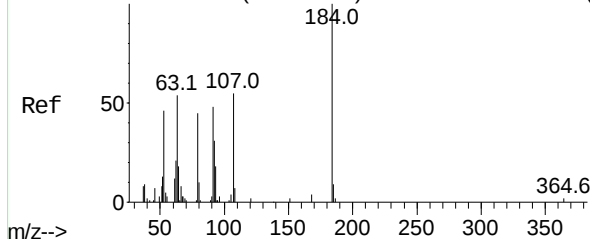
Tgt Ion:	172	Resp:	211430
Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.6	43.0
170	22.3	18.6	27.8



Abundance Scan 1702 (13.338 min): BG048848.D\data.ms (-1613) (-)

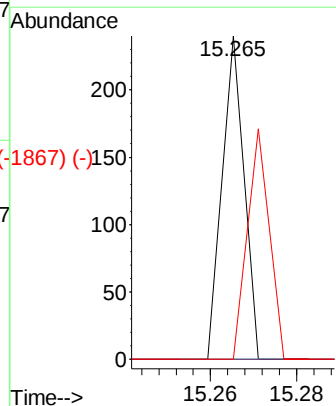
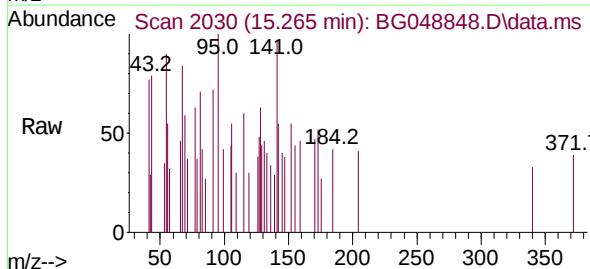


Abundance Scan 1959 (14.847 min): BG048693.D\data.ms (-1954) (-)

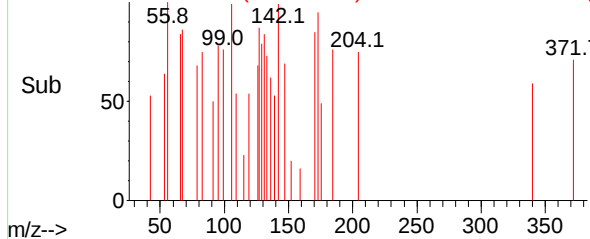


2,4-Dinitrophenol
Concen: 5.41 ng
RT: 15.265 min Scan# 2030
Delta R.T. 0.430 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Tgt Ion:	184	Resp:	85
Ion	Ratio	Lower	Upper
184	100		
63	0.0	68.3	102.5#
154	0.0	62.6	93.8#



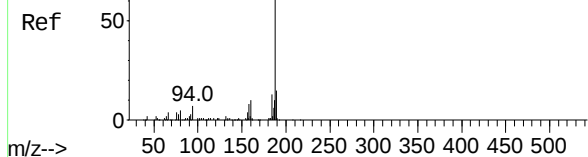
Abundance Scan 2030 (15.265 min): BG048848.D\data.ms (-1867) (-)



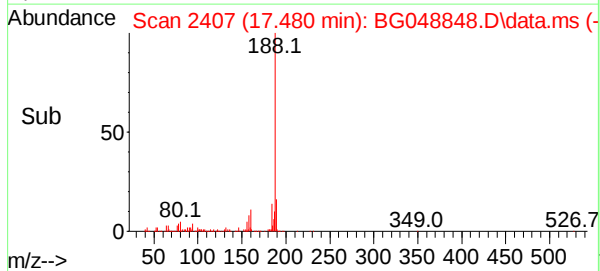
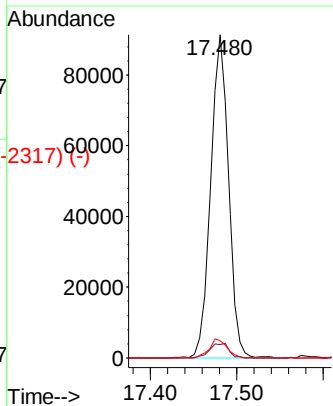
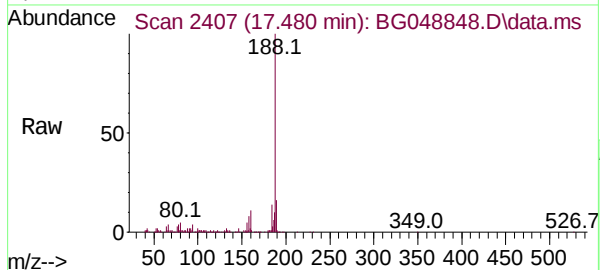
Abundance Scan 2410 (17.497 min): BG048693.D\data.ms (-2402) (-)

Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Instrument :
BNA_G
ClientSampled :
TP-5

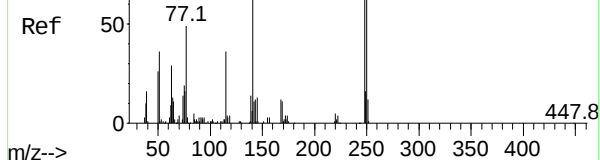


Tgt Ion:	188	Resp:	131144
Ion	Ratio	Lower	Upper
188	100		
94	4.1	5.4	8.0#
80	5.4	3.7	5.5

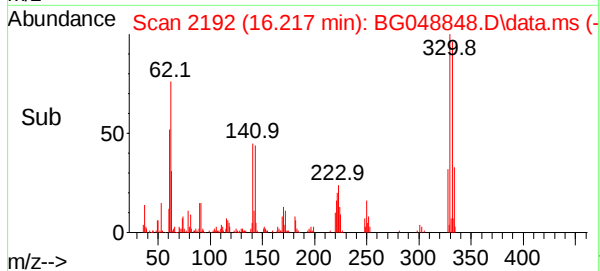
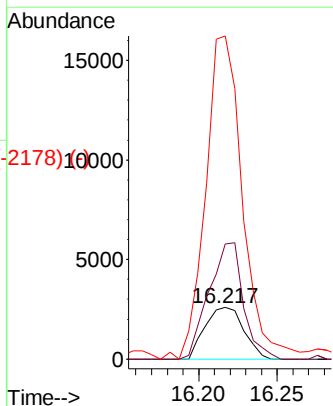
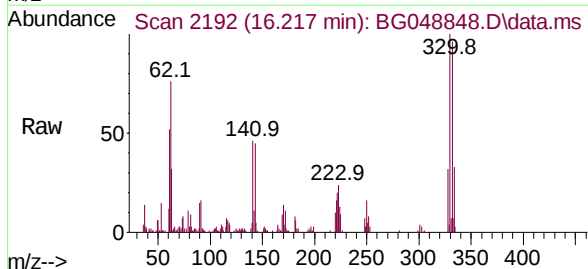


Abundance Scan 2270 (16.674 min): BG048693.D\data.ms (-2403) (-)

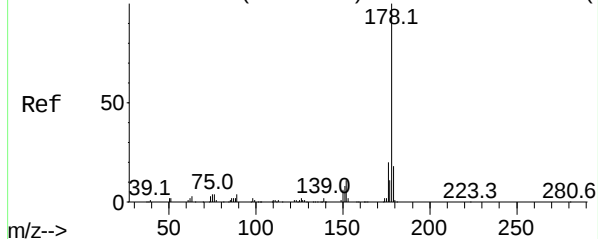
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42



Tgt Ion:	248	Resp:	4448
Ion	Ratio	Lower	Upper
248	100		
250	223.2	76.1	114.1#
141	626.7	65.4	98.2#



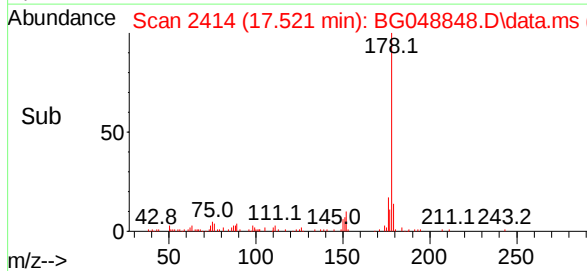
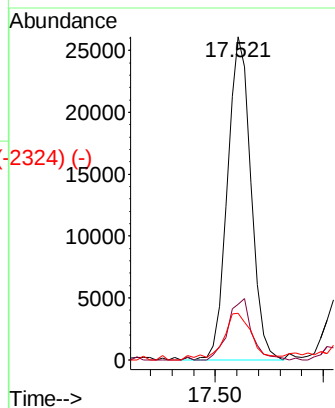
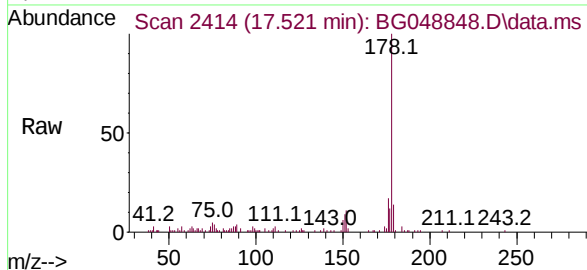
Abundance Scan 2417 (17.538 min): BG048693.D\data.ms (-2417) (-)



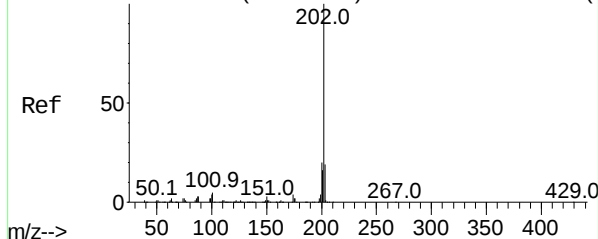
Phenanthrene
Concen: 5.85 ng
RT: 17.521 min Scan# 2414
Delta R.T. 0.001 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Instrument :
BNA_G
ClientSampled :
TP-5

Tgt Ion:	178	Resp:	39800
Ion Ratio	Lower	Upper	
178	100		
176	17.2	16.0	24.0
179	14.4	14.2	21.4

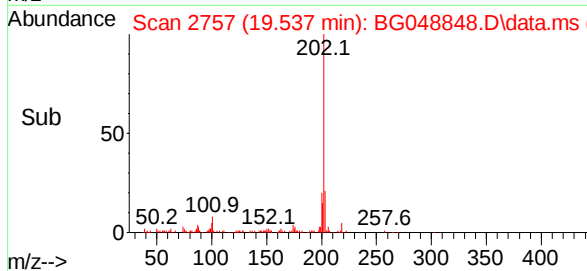
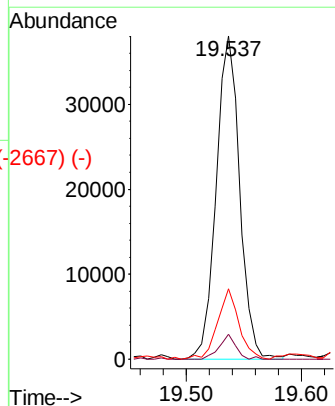
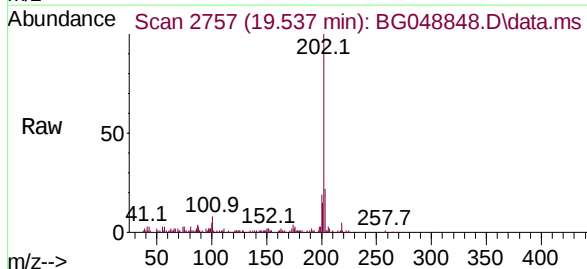


Abundance Scan 2759 (19.548 min): BG048693.D\data.ms (-2759) (-)



Fluoranthene
Concen: 6.28 ng
RT: 19.537 min Scan# 2757
Delta R.T. 0.001 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

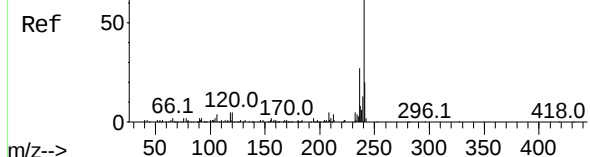
Tgt Ion:	202	Resp:	54051
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	24.7
203	21.8	0.0	38.5



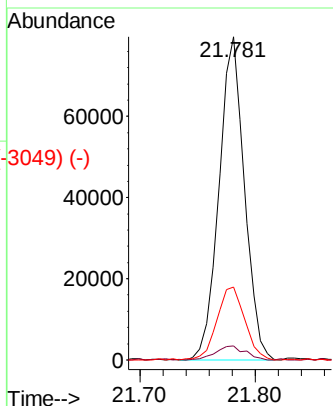
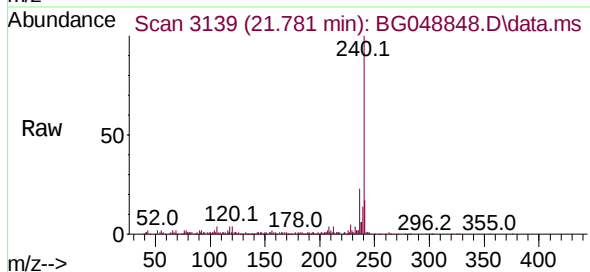
Abundance Scan 3142 (21.798 min): BG048693.D\data.ms (-3174) (-)

Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

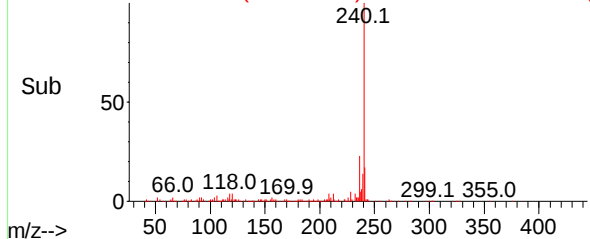
Instrument :
BNA_G
ClientSampled :
TP-5



Tgt Ion:	240	Resp:	122142
Ion	Ratio	Lower	Upper
240	100		
120	4.4	4.2	6.2
236	22.6	21.8	32.6

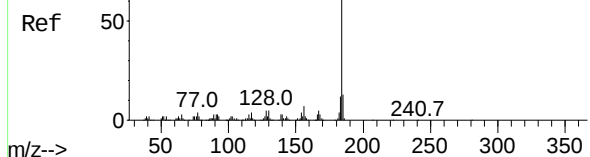


Abundance Scan 3139 (21.781 min): BG048848.D\data.ms (-3049) (-)

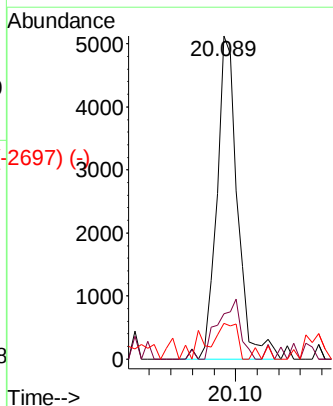
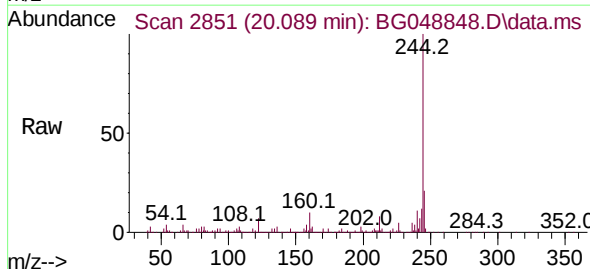


Abundance Scan 2789 (19.724 min): BG048693.D\data.ms (-2787) (-)

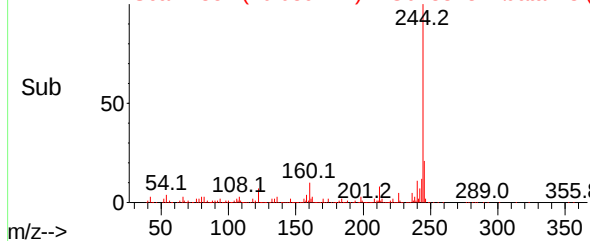
Benzidine
Concen: 2.08 ng
RT: 20.089 min Scan# 2851
Delta R.T. 0.377 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42



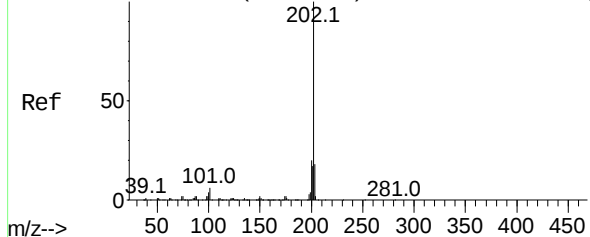
Tgt Ion:	184	Resp:	6884
Ion	Ratio	Lower	Upper
184	100		
185	14.0	10.7	16.1
183	11.2	9.4	14.0



Abundance Scan 2851 (20.089 min): BG048848.D\data.ms (-2697) (-)



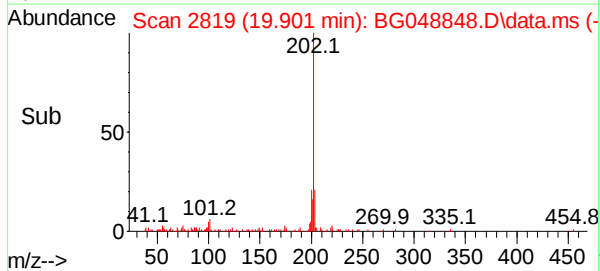
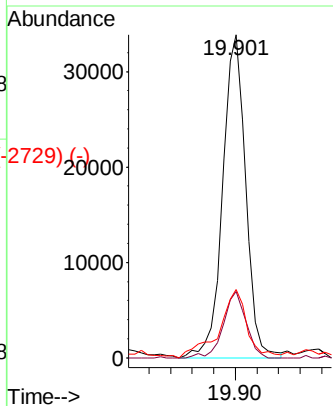
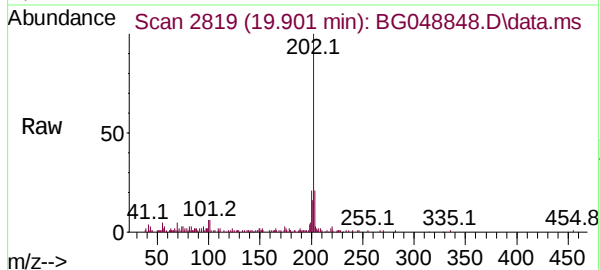
Abundance Scan 2821 (19.912 min): BG048693.D\data.ms (-2672) (-)



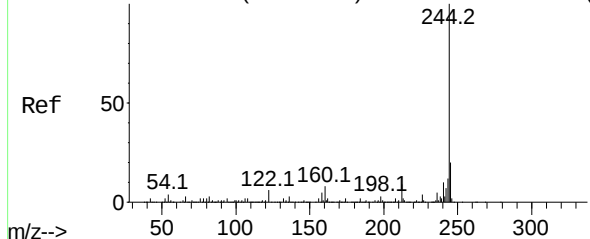
Pyrene
Concen: 6.02 ng
RT: 19.901 min Scan# 2819
Delta R.T. 0.001 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Instrument :
BNA_G
ClientSampled :
TP-5

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.8	23.8
203	21.3	14.6	21.8

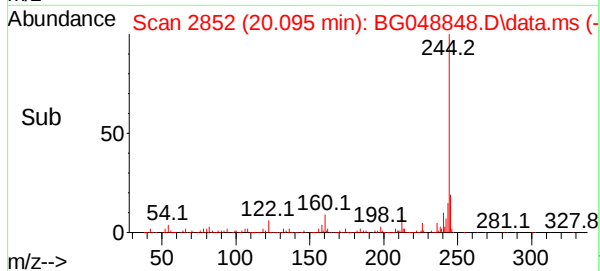
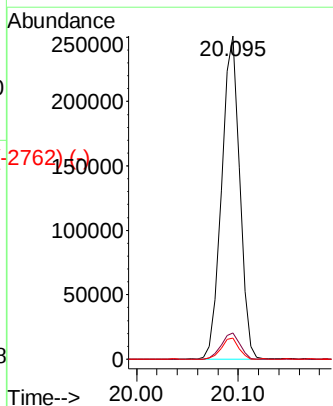
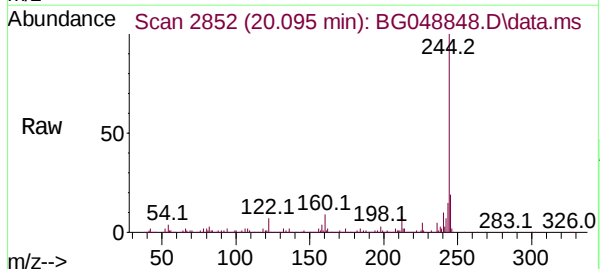


Abundance Scan 2854 (20.106 min): BG048693.D\data.ms (-2672) (-)

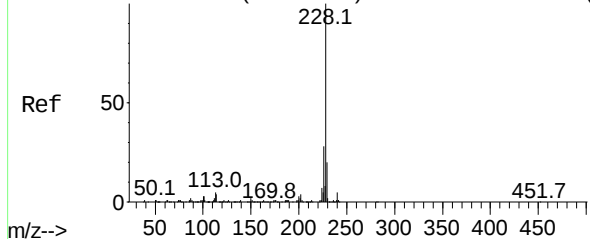


Terphenyl-d14
Concen: 43.54 ng
RT: 20.095 min Scan# 2852
Delta R.T. 0.001 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	6.5	5.0	7.6



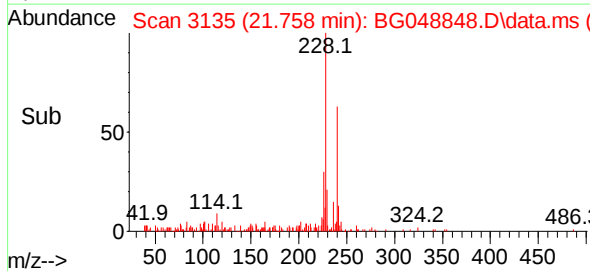
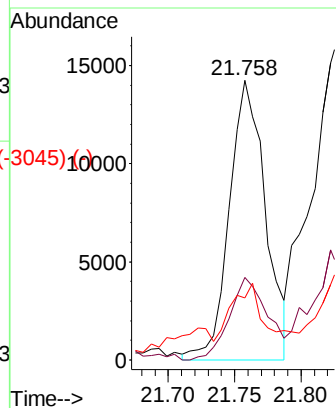
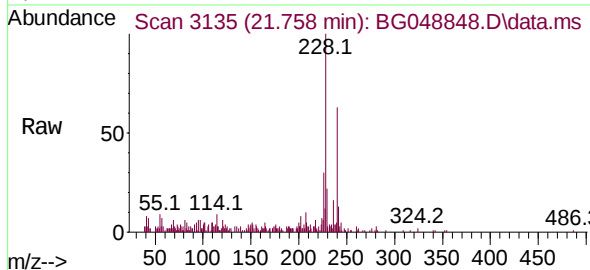
Abundance Scan 3138 (21.774 min): BG048693.D\data.ms (-3129) (-)



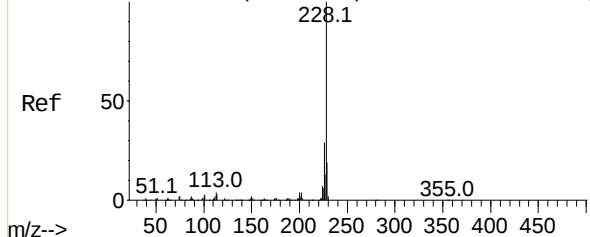
Benzo(a)anthracene
Concen: 3.23 ng
RT: 21.758 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Instrument :
BNA_G
ClientSampled :
TP-5

Tgt Ion:	228	Resp:	26935
Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	22.1	16.0	24.0

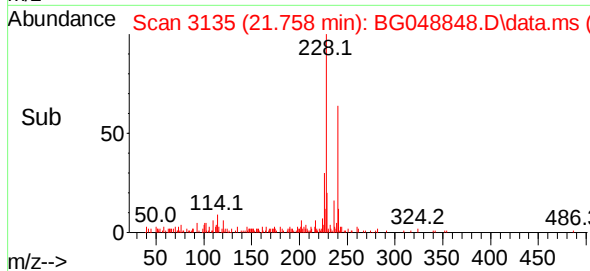
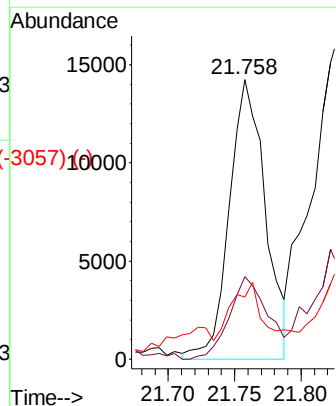
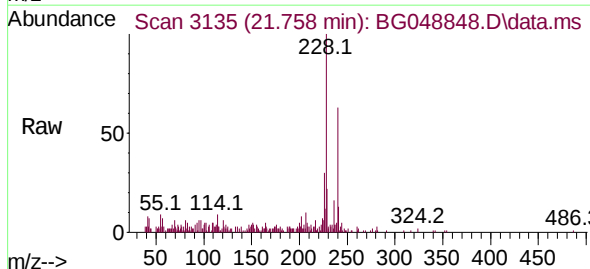


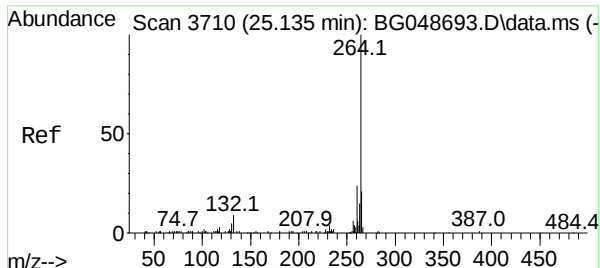
Abundance Scan 3150 (21.845 min): BG048693.D\data.ms (-3129) (-)



Chrysene
Concen: 3.39 ng
RT: 21.758 min Scan# 3135
Delta R.T. -0.070 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Tgt Ion:	228	Resp:	26935
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.1	34.7
229	22.1	15.3	22.9

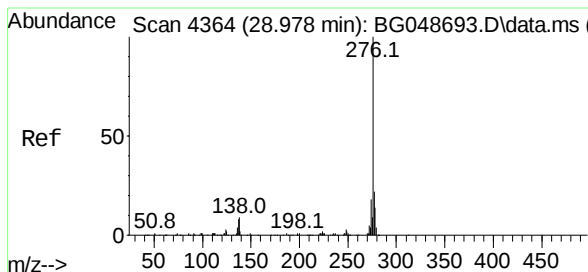
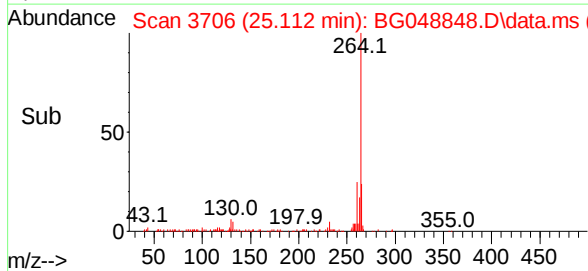
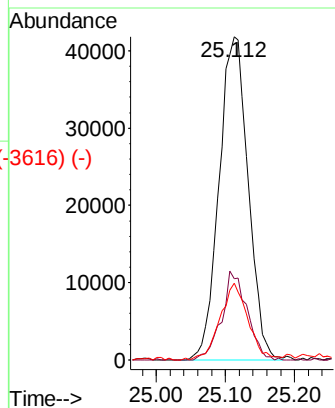
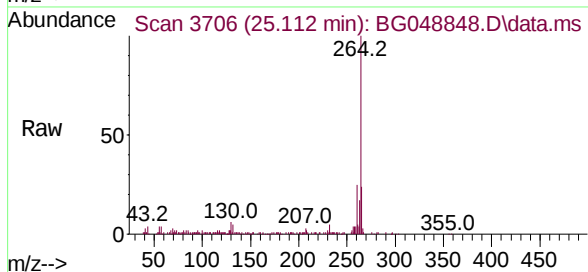




Perylene-d12
 Concen: 20.00 ng
 RT: 25.112 min Scan# 3706
 Delta R.T. 0.001 min
 Lab File: BG048848.D
 Acq: 22 Apr 2021 15:42

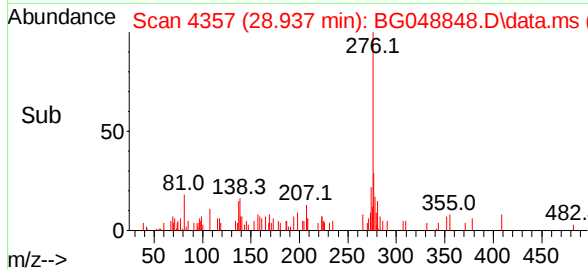
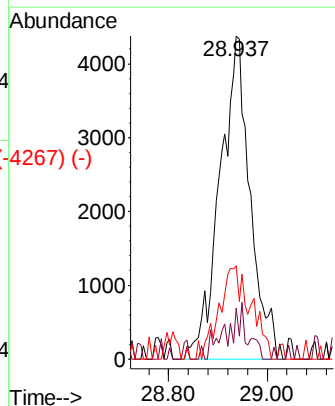
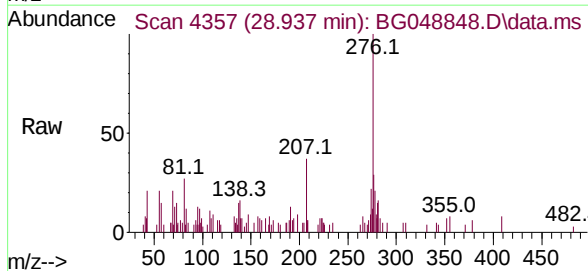
Instrument :
 BNA_G
 ClientSampled :
 TP-5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	23.7	16.9	25.3

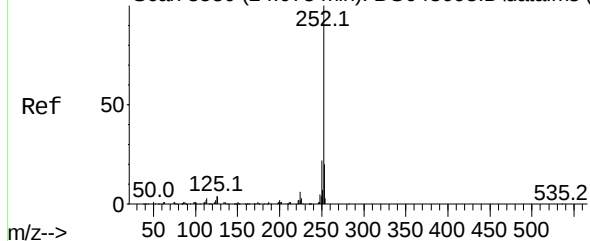


Indeno(1,2,3-cd)pyrene
 Concen: 2.06 ng
 RT: 28.937 min Scan# 4357
 Delta R.T. 0.001 min
 Lab File: BG048848.D
 Acq: 22 Apr 2021 15:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.5	5.1	7.7
277	23.7	19.8	29.6



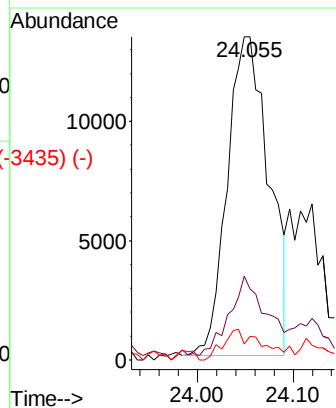
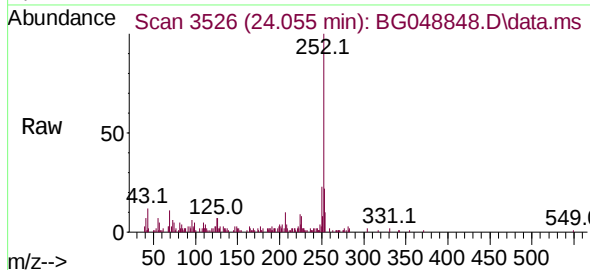
Abundance Scan 3530 (24.078 min): BG048693.D\data.ms (-3530) (-)



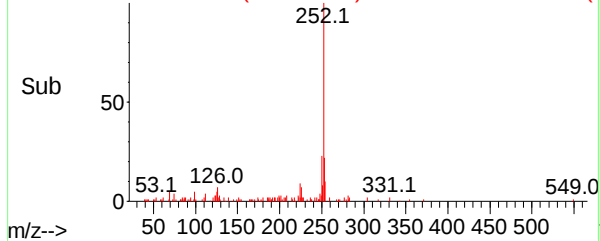
Benzo(b)fluoranthene
Concen: 4.88 ng
RT: 24.055 min Scan# 3526
Delta R.T. 0.007 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Instrument :
BNA_G
ClientSampled :
TP-5

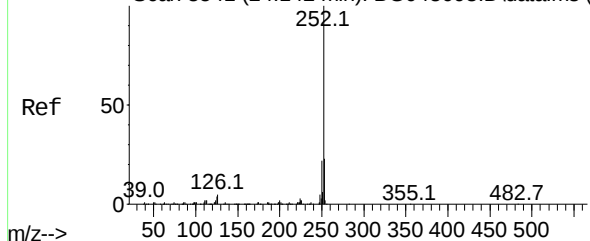
Tgt Ion:	252	Resp:	40572
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.2	24.4
125	7.4	3.0	4.4#



Abundance Scan 3526 (24.055 min): BG048848.D\data.ms (-3435) (-)

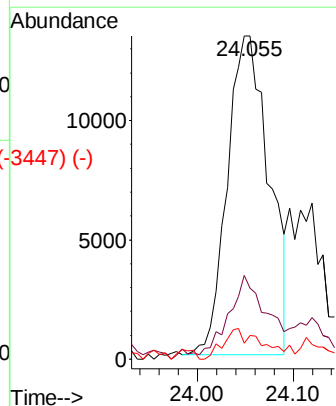
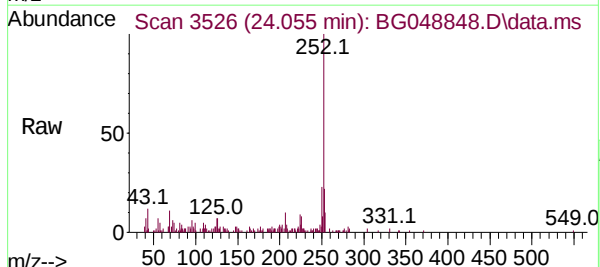


Abundance Scan 3541 (24.142 min): BG048693.D\data.ms (-3539) (-)

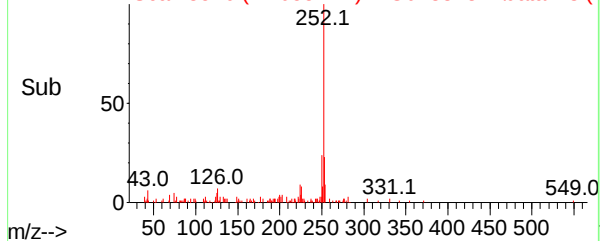


Benzo(k)fluoranthene
Concen: 5.19 ng
RT: 24.055 min Scan# 3526
Delta R.T. -0.064 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Tgt Ion:	252	Resp:	40572
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	7.4	3.1	4.7#



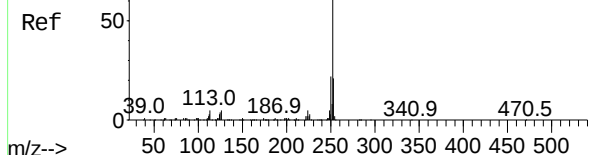
Abundance Scan 3526 (24.055 min): BG048848.D\data.ms (-3447) (-)



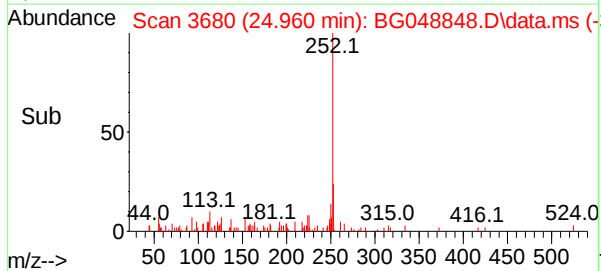
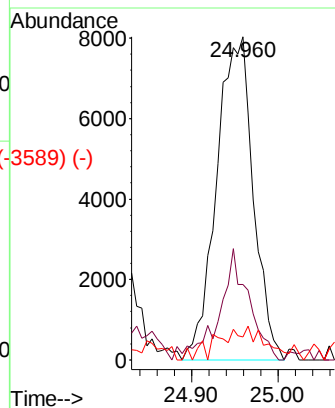
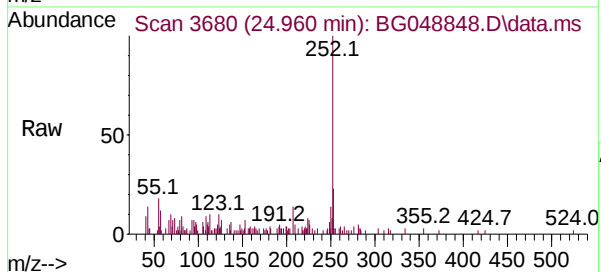
Abundance Scan 3683 (24.977 min): BG048693.D\data.ms (-3690) (-)

Benzo(a)pyrene
Concen: 3.11 ng
RT: 24.960 min Scan# 3680
Delta R.T. 0.007 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42

Instrument :
BNA_G
ClientSampled :
TP-5

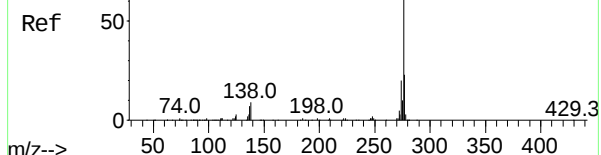


Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.6	25.0
125	7.1	3.5	5.3#



Abundance Scan 4569 (30.182 min): BG048693.D\data.ms (-4592) (-)

Benzo(g,h,i)perylene
Concen: 2.50 ng
RT: 30.118 min Scan# 4558
Delta R.T. -0.011 min
Lab File: BG048848.D
Acq: 22 Apr 2021 15:42



Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.4	27.6
138	15.1	7.0	10.6#

