

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
 Data File : BG048710.D
 Acq On : 15 Apr 2021 15:41
 Operator : CG/JU
 Sample : M2009-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041221

Quant Time: Apr 15 16:21:37 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)

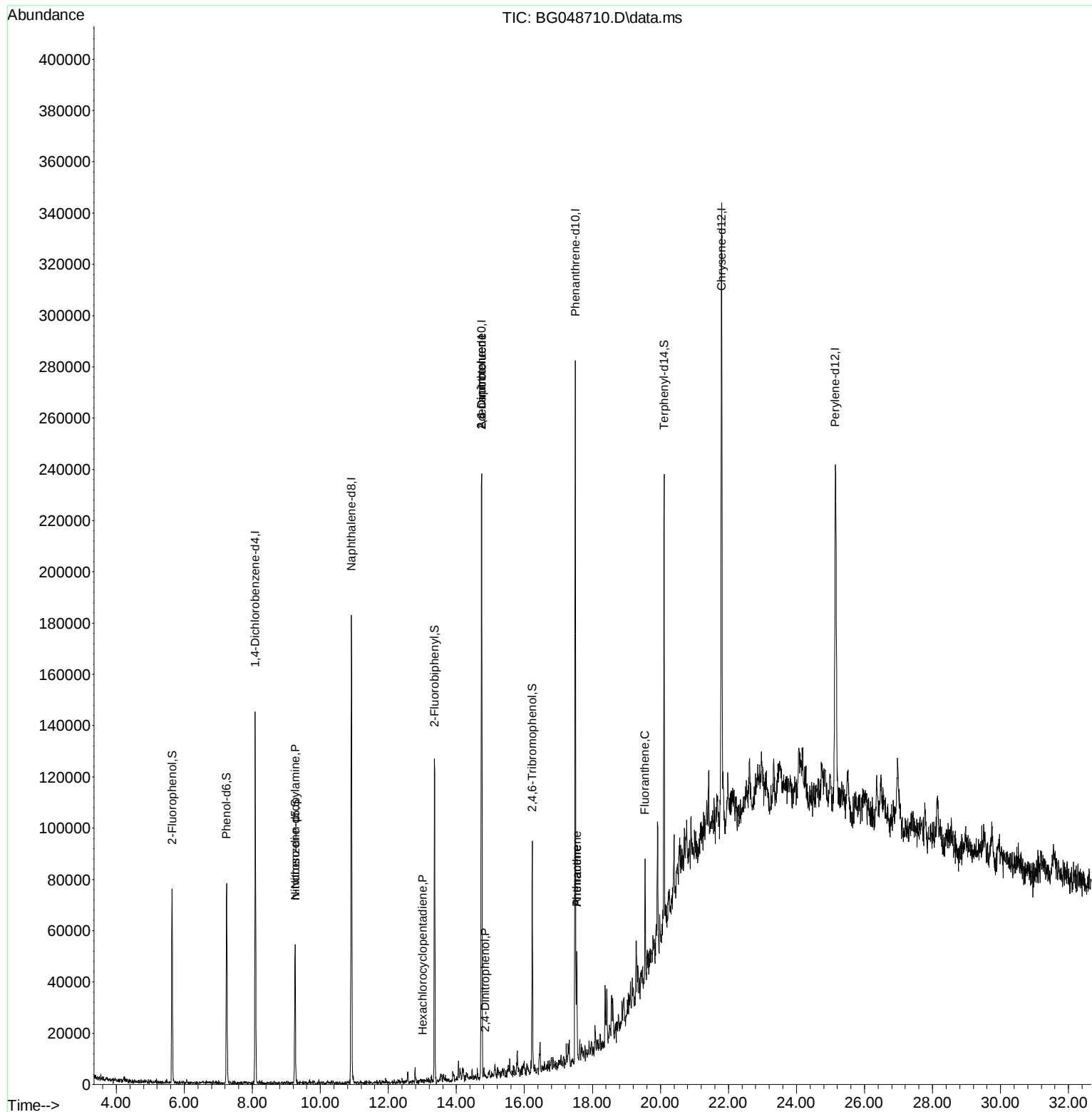
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	35289	20.00	ng	0.00
21) Naphthalene-d8	10.911	136	136909	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	79483	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	168237	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	145416	20.00	ng	0.00
86) Perylene-d12	25.141	264	146022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	28293	13.41	ng	0.00
7) Phenol-d6	7.245	99	38184	12.79	ng	0.00
23) Nitrobenzene-d5	9.260	82	30872	10.10	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	13120	12.31	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	62272	11.31	ng	0.00
79) Terphenyl-d14	20.106	244	75600	8.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.260	70	4889	2.43	ng	# 59
41) Hexachlorocyclopentadiene	13.003	237	67	5.90	ng	# 31
51) 2,6-Dinitrotoluene	14.742	165	11406	8.29	ng	# 11
54) 2,4-Dinitrophenol	14.848	184	84	5.38	ng	# 39
57) 2,4-Dinitrotoluene	14.742	165	11406	5.71	ng	# 16
71) Phenanthrene	17.538	178	24400	2.79	ng	98
72) Anthracene	17.538	178	24400	2.82	ng	98
75) Fluoranthene	19.548	202	26679	2.42	ng	96

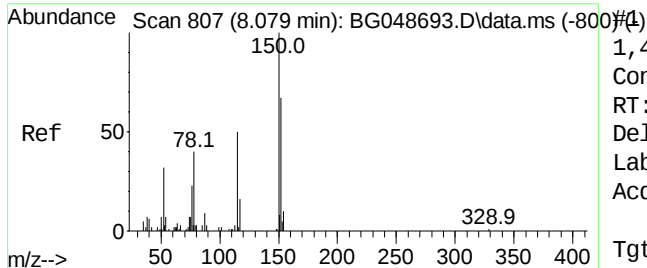
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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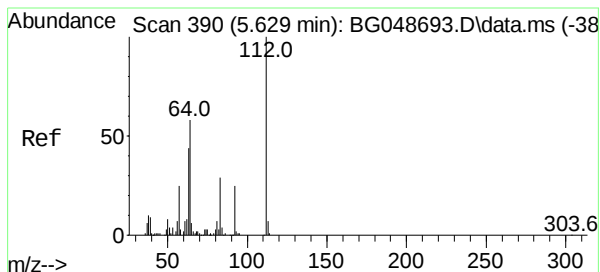
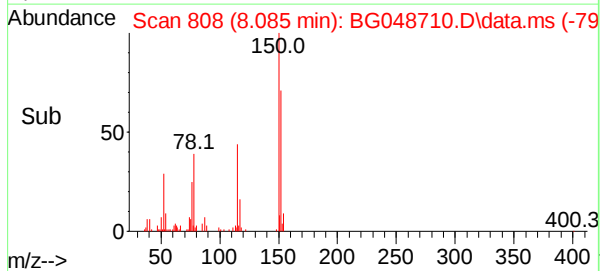
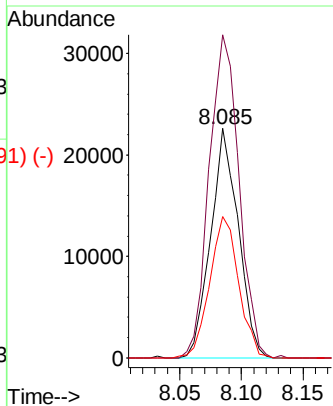
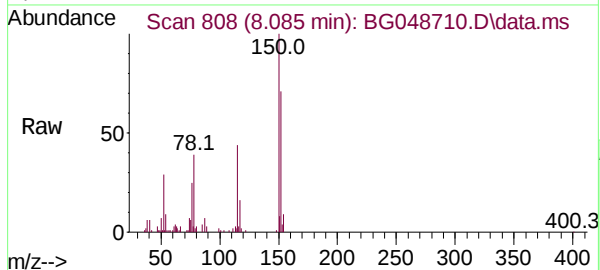




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 808
Delta R.T. -0.002 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

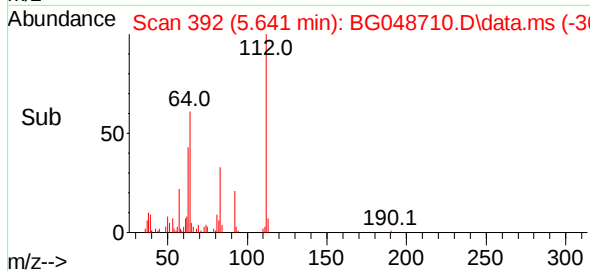
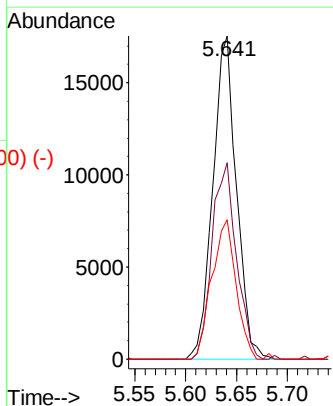
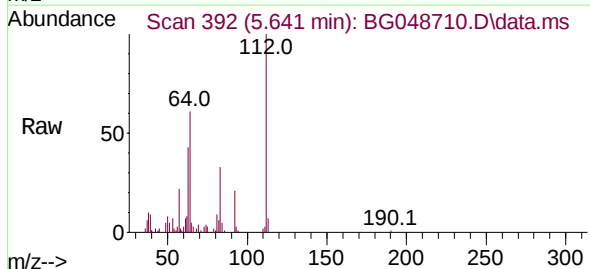
Instrument :
BNA_G
ClientSampleId :
OR-02-041221

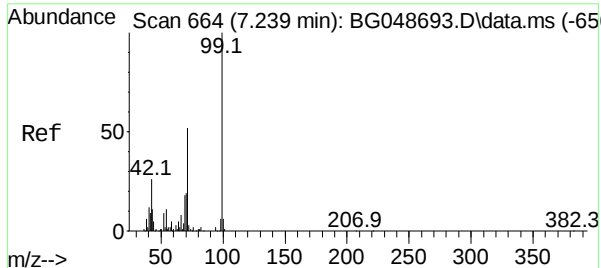
Tgt Ion:	152	Resp:	35289
Ion	Ratio	Lower	Upper
152	100		
150	140.8	119.4	179.0
115	61.5	60.2	90.4



2-Fluorophenol
Concen: 13.41 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.009 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

Tgt Ion:	112	Resp:	28293
Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.7	70.1
63	43.1	35.3	52.9

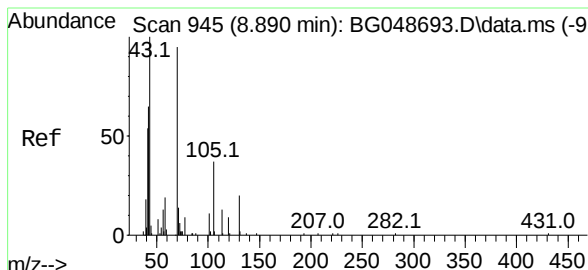
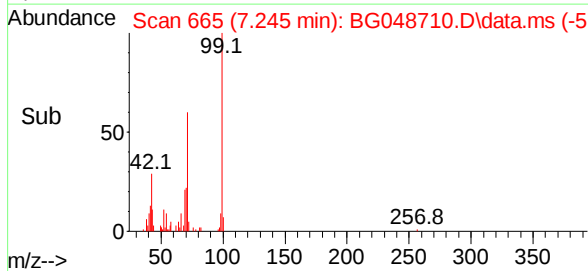
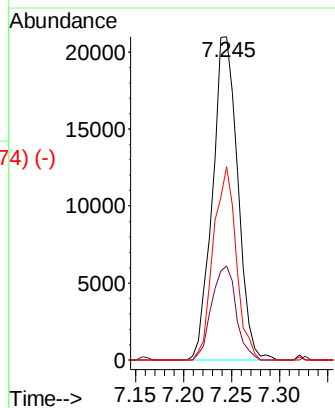
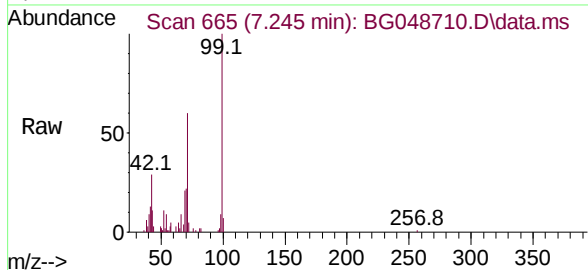




Phenol-d6
 Concen: 12.79 ng
 RT: 7.245 min Scan# 665
 Delta R.T. 0.003 min
 Lab File: BG048710.D
 Acq: 15 Apr 2021 15:41

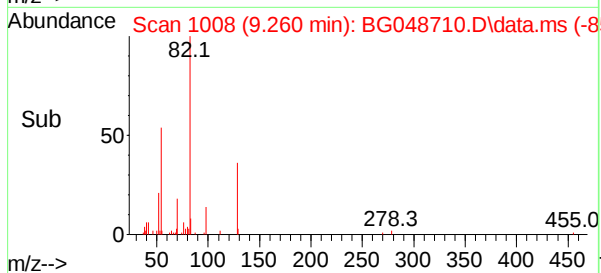
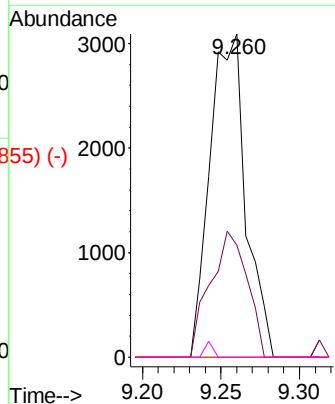
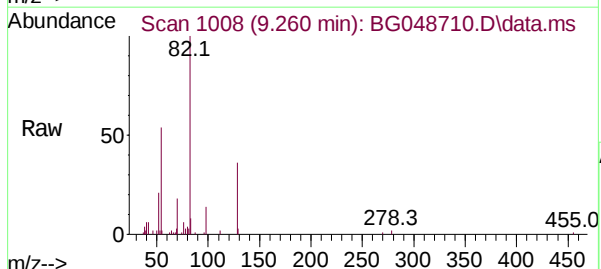
Instrument :
 BNA_G
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Tgt Ion:	99	Resp:	38184
Ion	Ratio	Lower	Upper
99	100		
42	29.1	20.5	30.7
71	59.8	41.5	62.3



n-Nitroso-di-n-propylamine
 Concen: 2.43 ng
 RT: 9.260 min Scan# 1008
 Delta R.T. 0.368 min
 Lab File: BG048710.D
 Acq: 15 Apr 2021 15:41

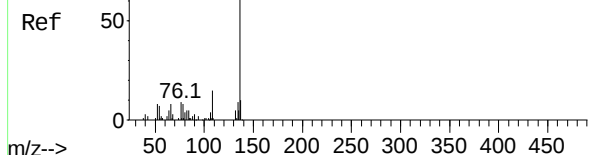
Tgt Ion:	70	Resp:	4889
Ion	Ratio	Lower	Upper
70	100		
42	34.7	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#



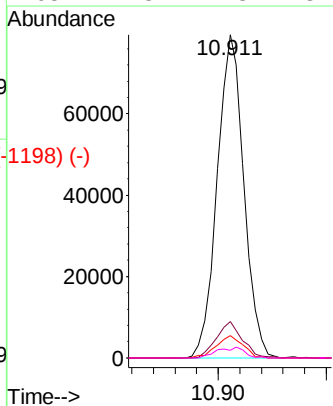
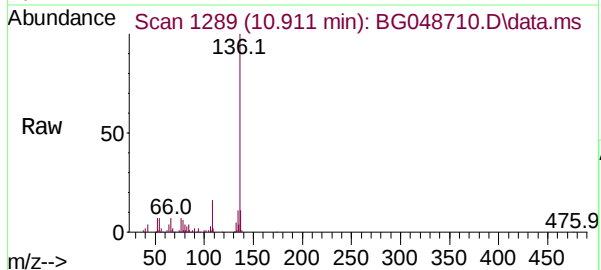
Abundance Scan 1289 (10.911 min): BG048693.D\data.ms (-1289) (-)

Naphthalene-d8
Concen: 20.00 ng
RT: 10.911 min Scan# 1289
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

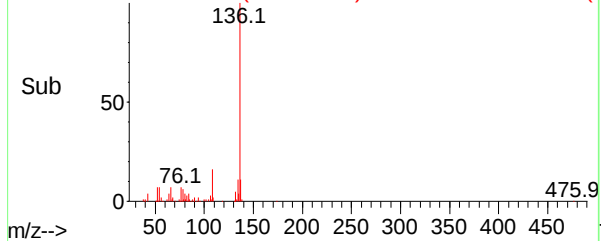
Instrument :
BNA_G
ClientSampleId :
OR-02-041221



Tgt Ion:	136	Resp:	136909
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	6.8	5.5	8.3
68	2.3	2.3	3.5#



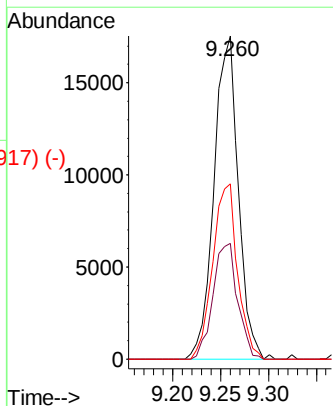
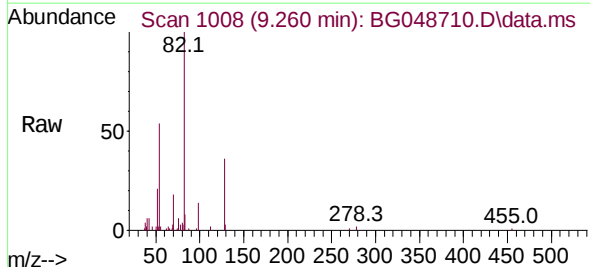
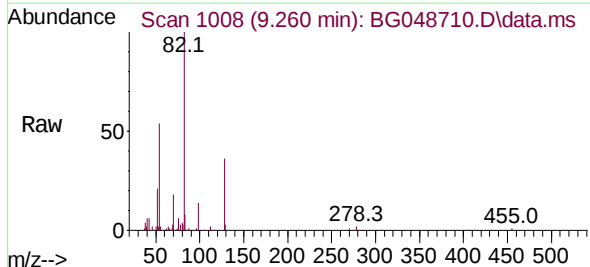
Abundance Scan 1289 (10.911 min): BG048710.D\data.ms (-1198) (-)



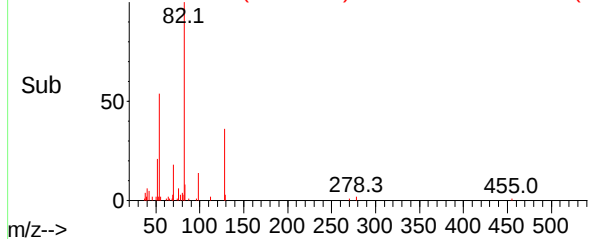
Abundance Scan 1007 (9.254 min): BG048693.D\data.ms (-1007) (-)

Nitrobenzene-d5
Concen: 10.10 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

Tgt Ion:	82	Resp:	30872
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.8	44.6
54	54.2	45.8	68.8



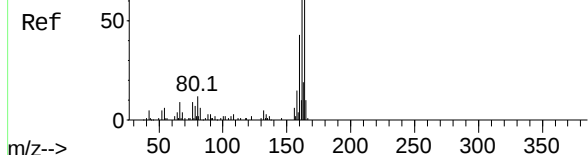
Abundance Scan 1008 (9.260 min): BG048710.D\data.ms (-917) (-)



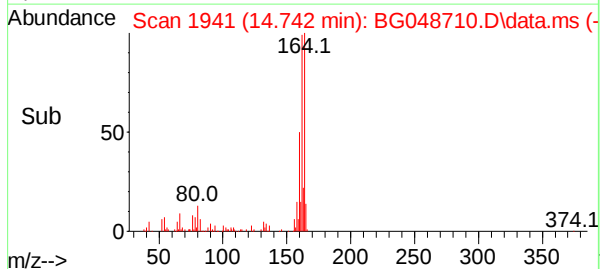
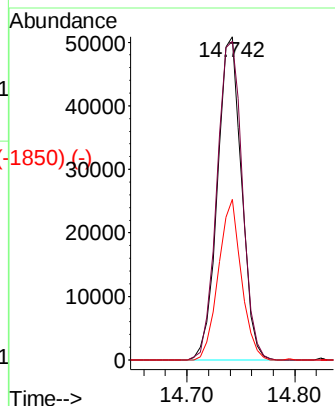
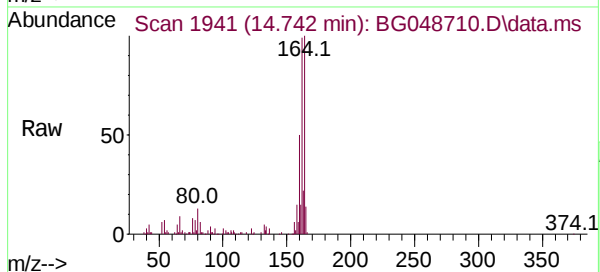
Abundance Scan 1940 (14.736 min): BG048693.D\data.ms (-1839) (-)

Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

Instrument :
BNA_G
ClientSampleId :
OR-02-041221

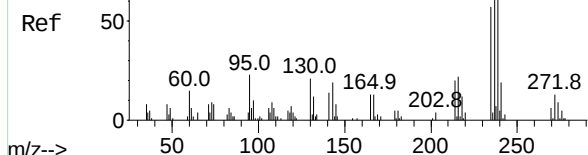


Tgt Ion:	164	Resp:	79483
Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.4	122.0
160	49.8	34.9	52.3

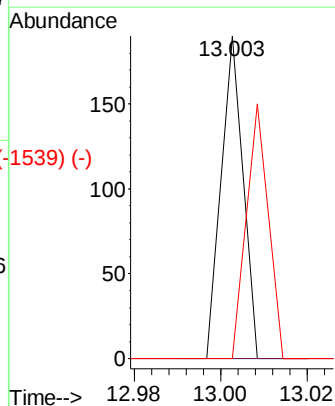
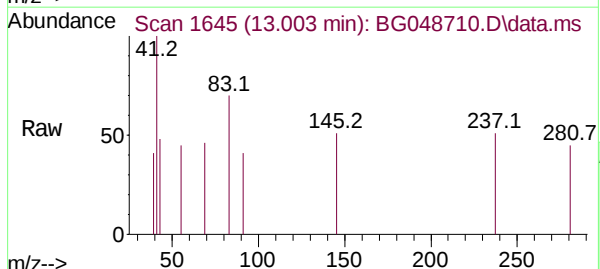


Abundance Scan 1629 (12.908 min): BG048693.D\data.ms (-1641) (-)

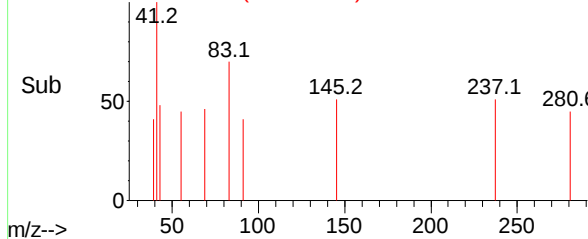
Hexachlorocyclopentadiene
Concen: 5.90 ng
RT: 13.003 min Scan# 1645
Delta R.T. 0.091 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41



Tgt Ion:	237	Resp:	67
Ion	Ratio	Lower	Upper
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5



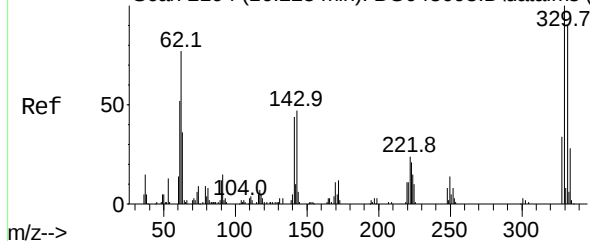
Abundance Scan 1645 (13.003 min): BG048710.D\data.ms (-1539) (-)



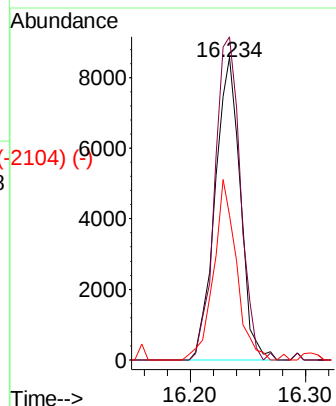
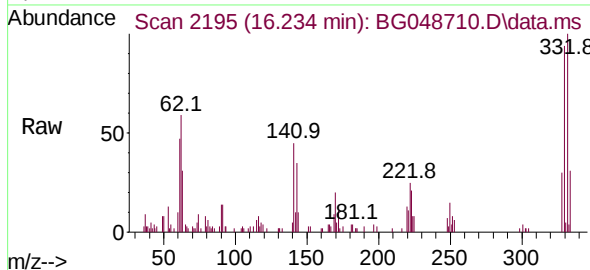
Abundance Scan 2194 (16.228 min): BG048693.D\data.ms (-2194) (-)

2,4,6-Tribromophenol
Concen: 12.31 ng
RT: 16.234 min Scan# 2195
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

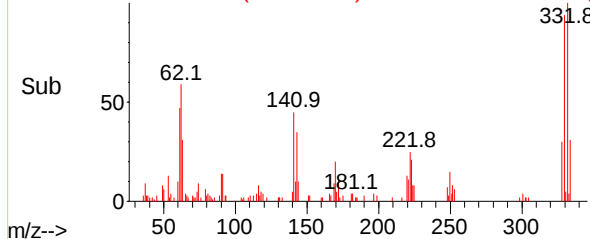
Instrument :
BNA_G
ClientSampleId :
OR-02-041221



Tgt Ion:	330	Resp:	13120
Ion	Ratio	Lower	Upper
330	100		
332	108.3	77.3	115.9
141	53.5	35.6	53.4#

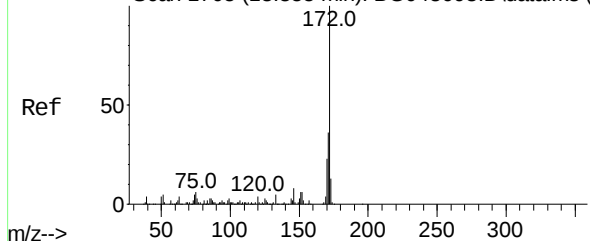


Abundance Scan 2195 (16.234 min): BG048710.D\data.ms (-2104) (-)

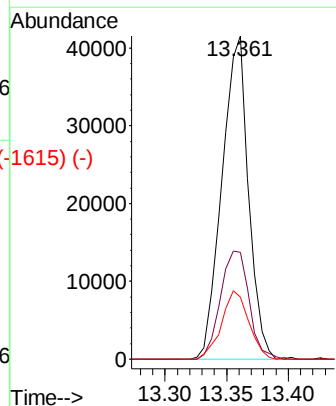
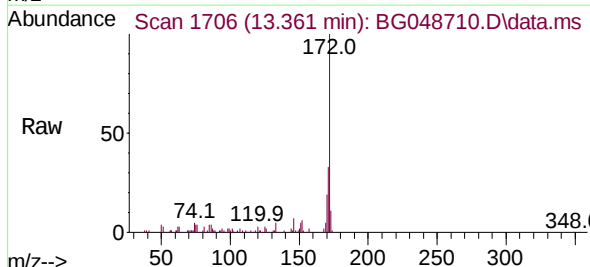


Abundance Scan 1705 (13.355 min): BG048693.D\data.ms (-1695) (-)

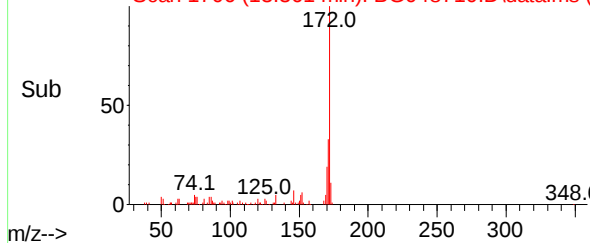
2-Fluorobiphenyl
Concen: 11.31 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41



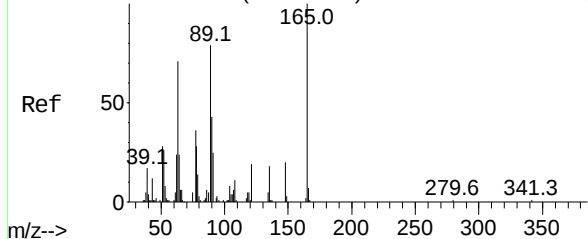
Tgt Ion:	172	Resp:	62272
Ion	Ratio	Lower	Upper
172	100		
171	33.0	28.6	43.0
170	19.2	18.6	27.8



Abundance Scan 1706 (13.361 min): BG048710.D\data.ms (-1615) (-)



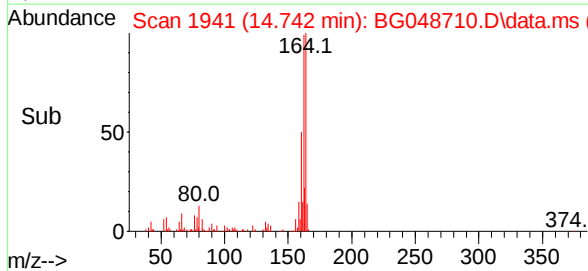
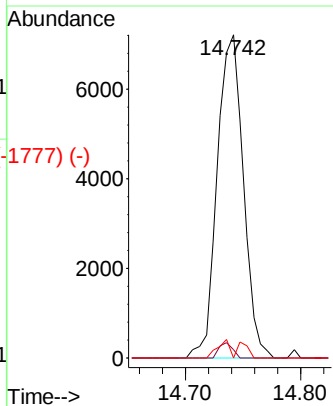
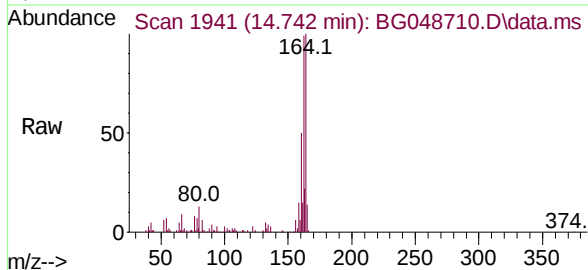
Abundance Scan 1867 (14.307 min): BG048693.D\data.ms (-1650) (-)



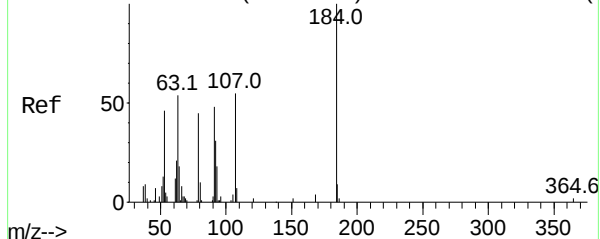
2,6-Dinitrotoluene
Concen: 8.29 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.432 min
Lab File: BG048710.D
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Instrument :
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Tgt Ion:	165	Resp:	11406
Ion Ratio	Lower	Upper	
165	100		
63	2.5	63.3	94.9#
89	0.0	63.4	95.0#

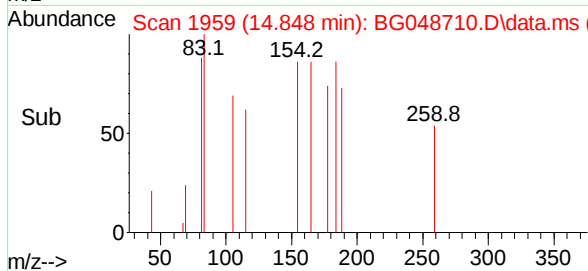
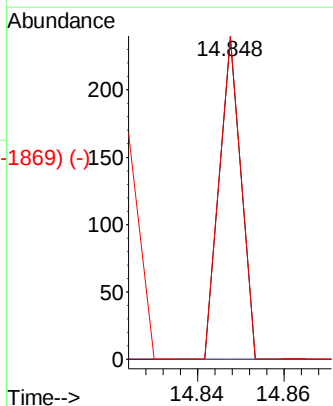
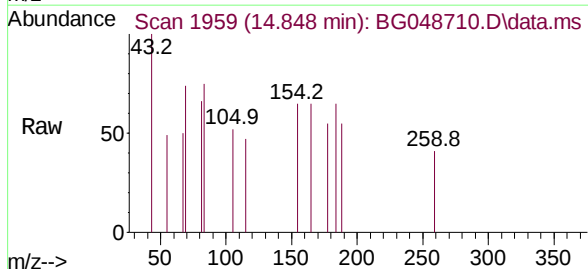


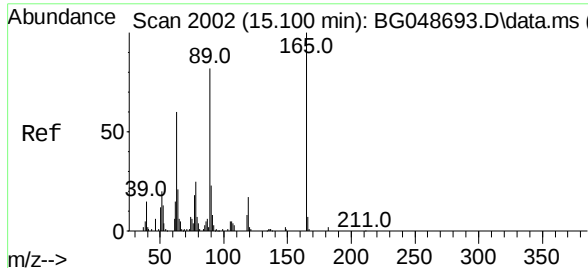
Abundance Scan 1959 (14.847 min): BG048693.D\data.ms (-1954) (-)



2,4-Dinitrophenol
Concen: 5.38 ng
RT: 14.848 min Scan# 1959
Delta R.T. -0.002 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

Tgt Ion:	184	Resp:	84
Ion Ratio	Lower	Upper	
184	100		
63	0.0	68.3	102.5#
154	100.4	62.6	93.8#

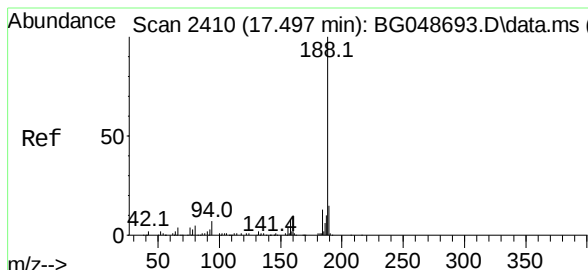
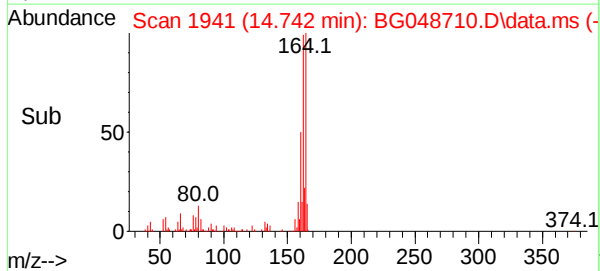
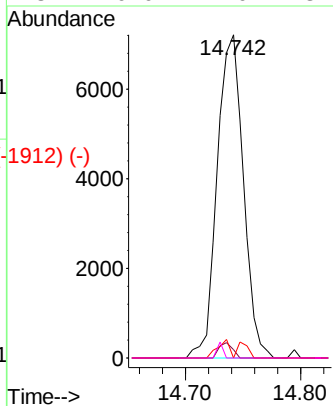
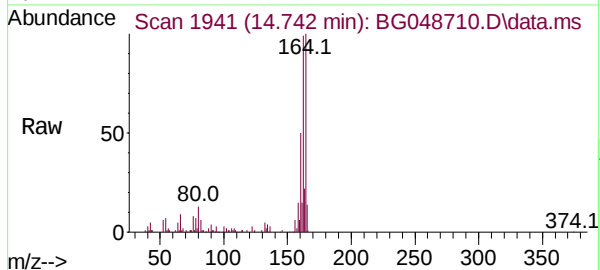




Scan 2002 (15.100 min): BG048693.D\data.ms (-1955) (-)
 2,4-Dinitrotoluene
 Concen: 5.71 ng
 RT: 14.742 min Scan# 1941
 Delta R.T. -0.361 min
 Lab File: BG048710.D
 Acq: 15 Apr 2021 15:41

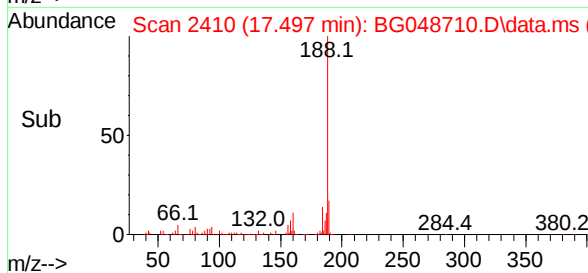
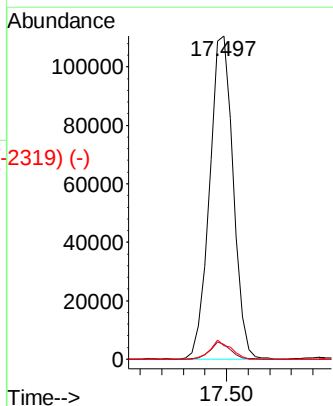
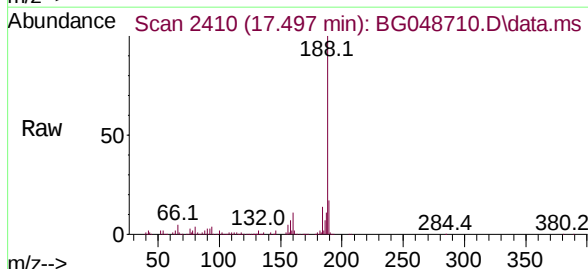
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041221

Tgt Ion:	165	Resp:	11406
Ion	Ratio	Lower	Upper
165	100		
63	2.5	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



Scan 2410 (17.497 min): BG048693.D\data.ms (-2462) (-)
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.497 min Scan# 2410
 Delta R.T. 0.003 min
 Lab File: BG048710.D
 Acq: 15 Apr 2021 15:41

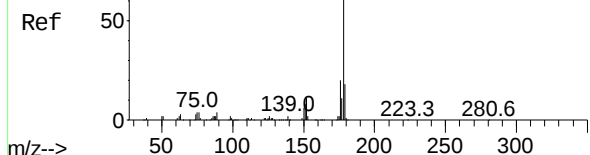
Tgt Ion:	188	Resp:	168237
Ion	Ratio	Lower	Upper
188	100		
94	4.5	5.4	8.0#
80	4.1	3.7	5.5



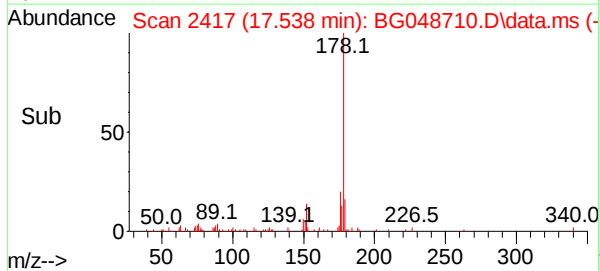
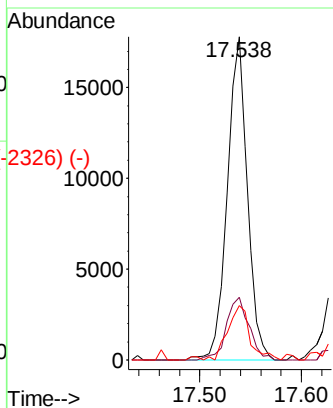
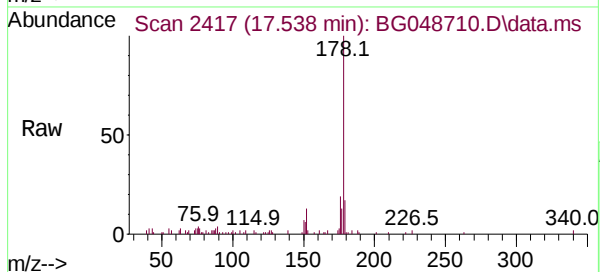
Abundance Scan 2417 (17.538 min): BG048693.D\data.ms (-2479) (-)

Phenanthrene
Concen: 2.79 ng
RT: 17.538 min Scan# 2417
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

Instrument :
BNA_G
ClientSampleId :
OR-02-041221

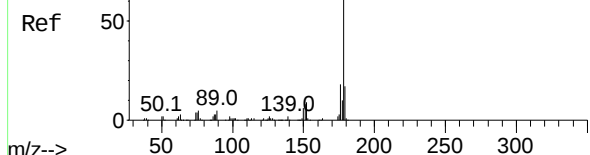


Tgt Ion:	178	Resp:	24400
Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	16.9	14.2	21.4

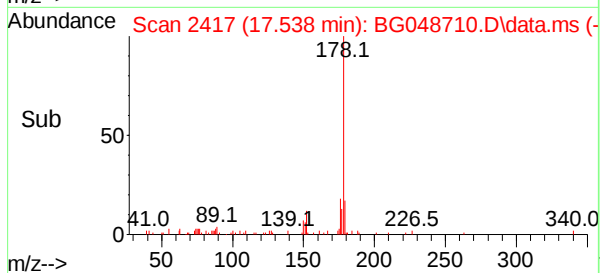
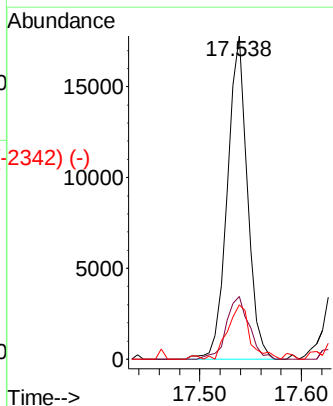
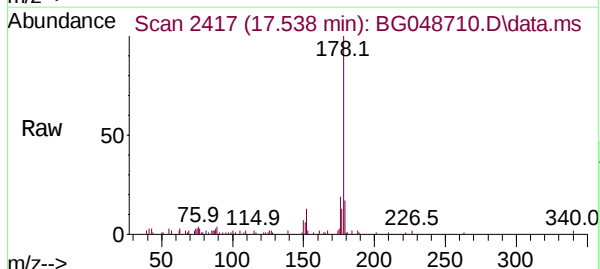


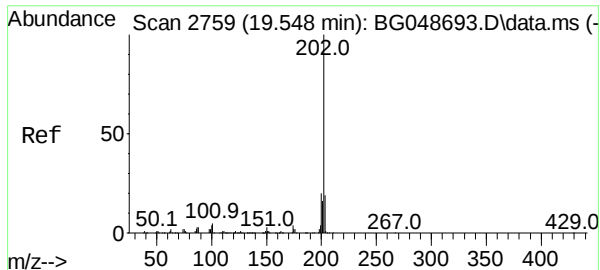
Abundance Scan 2432 (17.626 min): BG048693.D\data.ms (-2479) (-)

Anthracene
Concen: 2.82 ng
RT: 17.538 min Scan# 2417
Delta R.T. -0.091 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41



Tgt Ion:	178	Resp:	24400
Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	21.8
179	16.9	13.4	20.0

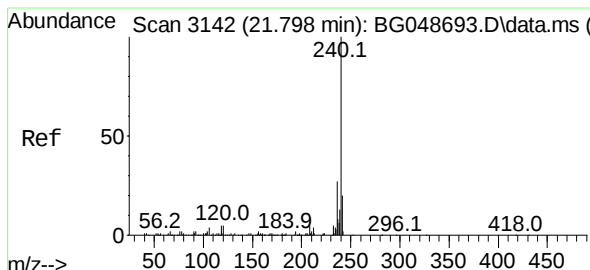
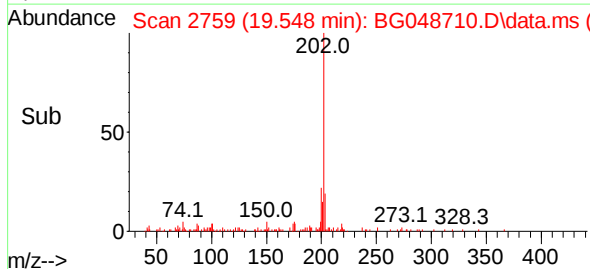
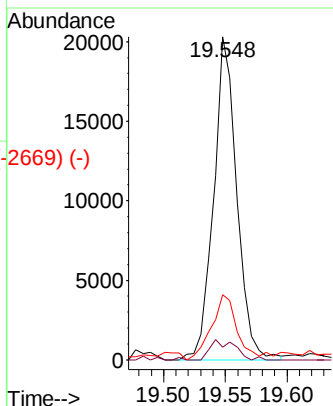
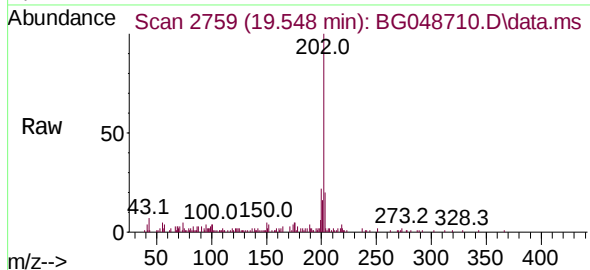




Fluoranthene
 Concen: 2.42 ng
 RT: 19.548 min Scan# 2759
 Delta R.T. -0.002 min
 Lab File: BG048710.D
 Acq: 15 Apr 2021 15:41

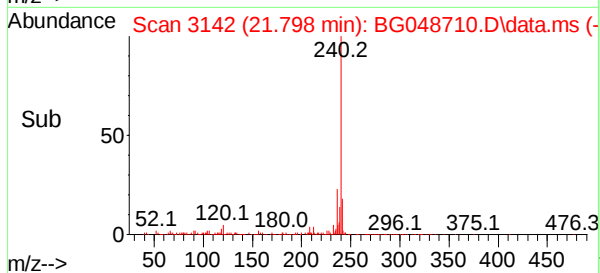
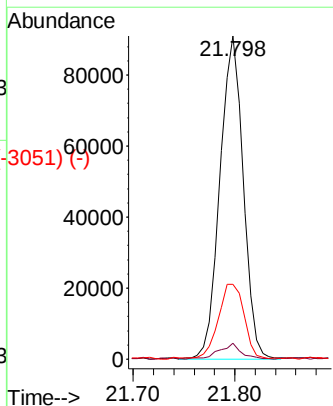
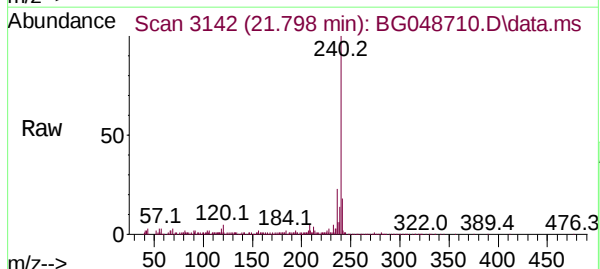
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-041221

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.9	0.0	24.7
203	20.2	0.0	38.5

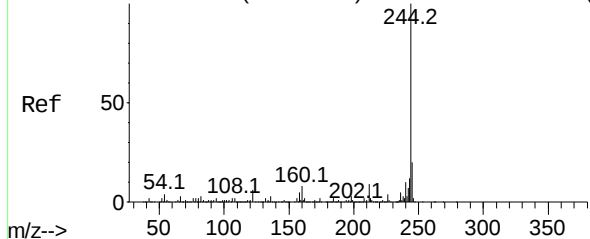


Chrysene-d12
 Concen: 20.00 ng
 RT: 21.798 min Scan# 3142
 Delta R.T. 0.003 min
 Lab File: BG048710.D
 Acq: 15 Apr 2021 15:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.2	6.2
236	23.2	21.8	32.6



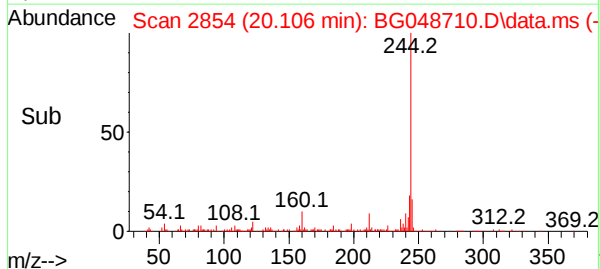
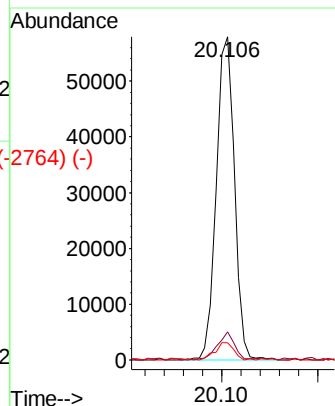
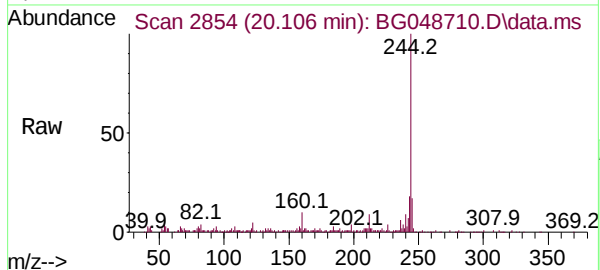
Abundance Scan 2854 (20.106 min): BG048693.D\data.ms (-2679) (-)



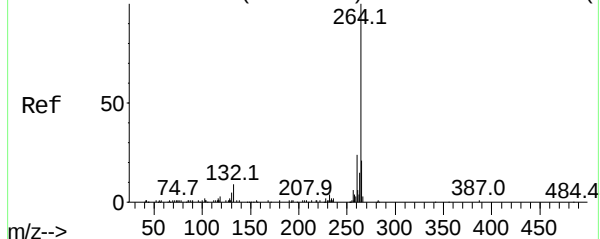
Terphenyl-d14
Concen: 8.95 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

Instrument :
BNA_G
ClientSampleId :
OR-02-041221

Tgt Ion:	244	Resp:	75600
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	5.4	5.0	7.6



Abundance Scan 3710 (25.135 min): BG048693.D\data.ms (-3696) (-)



Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3711
Delta R.T. 0.003 min
Lab File: BG048710.D
Acq: 15 Apr 2021 15:41

Tgt Ion:	264	Resp:	146022
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	20.4	16.9	25.3

