

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040774.D
 Acq On : 7 May 2019 17:52
 Operator : HP/JU
 Sample : K2675-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OUTFALL001-WK-1

Quant Time: May 08 08:54:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43551	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	174246	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	135112	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	346296	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	343656	20.00	ng	-0.03
87) Perylene-d12	25.15	264	314004	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	161085	65.20	ng	-0.01
7) Phenol-d6	7.28	99	177957	46.78	ng	-0.02
23) Nitrobenzene-d5	9.32	82	468827	124.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	199322	107.33	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	1021366	109.17	ng	-0.02
79) Terphenyl-d14	20.11	244	1976367	127.41	ng	-0.02

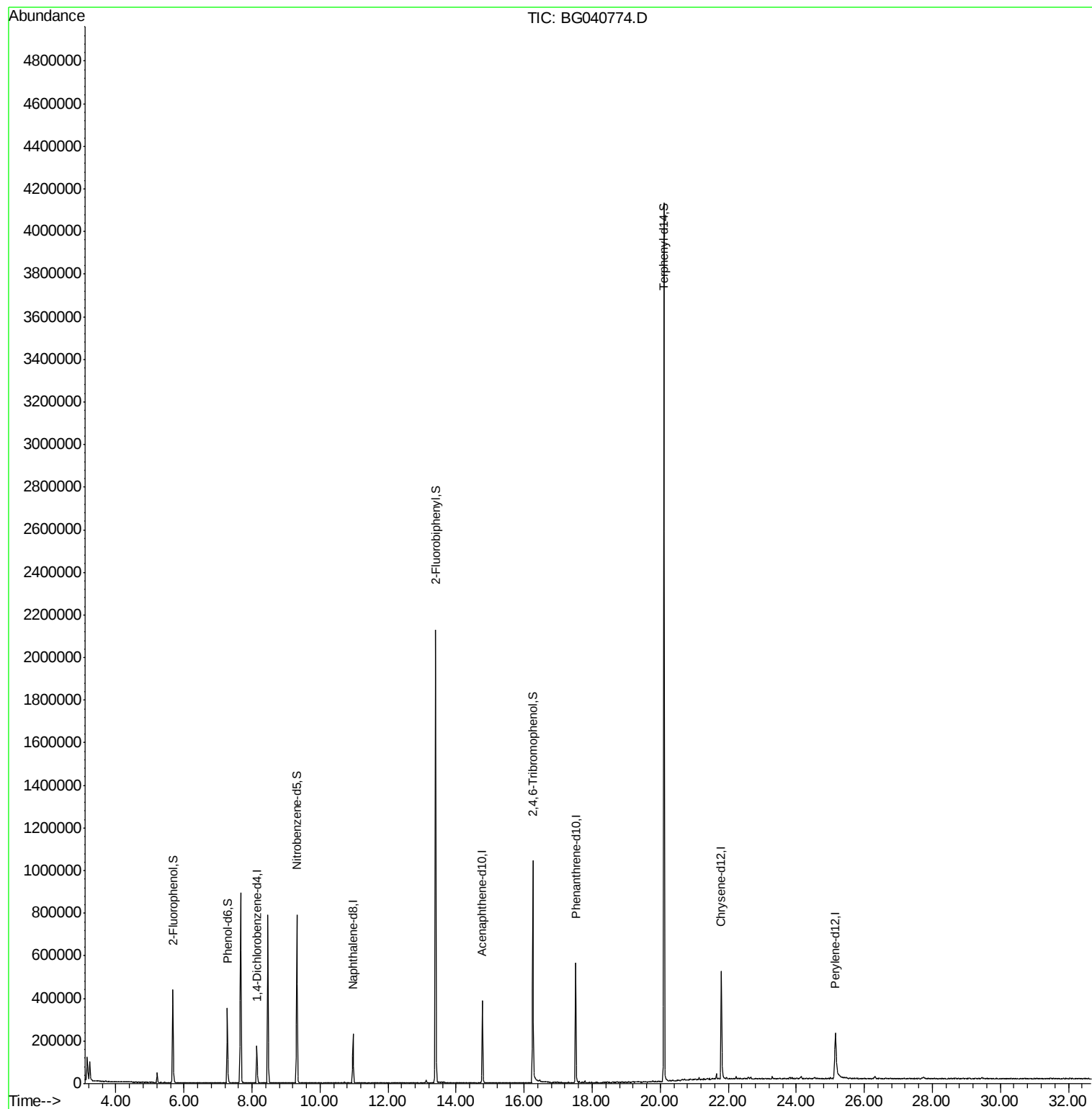
Target Compounds Qvalue

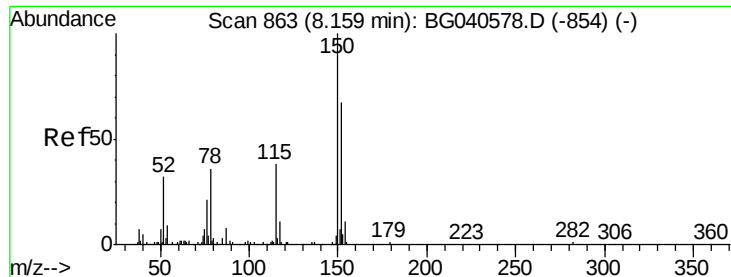
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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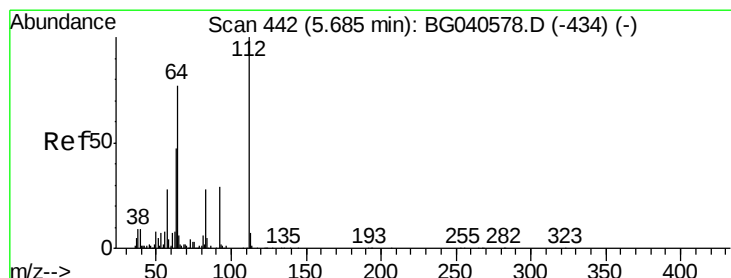
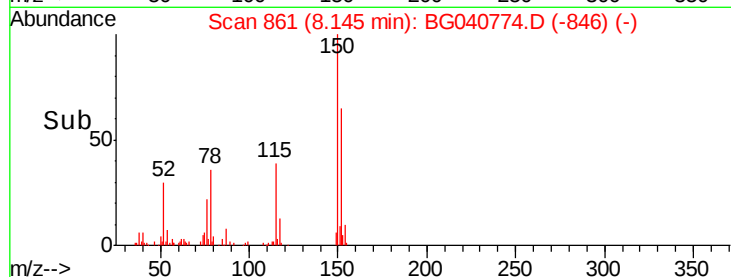
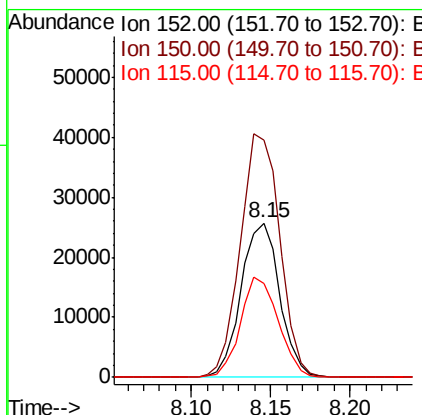
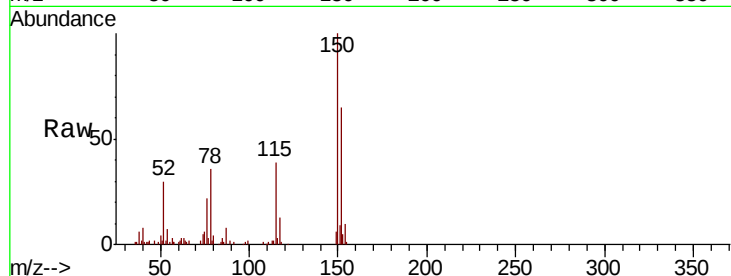


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040774.D
Acq: 7 May 2019 17:52

Instrument :
BNA_G
ClientSampleId :
OUTFALL001-WK-1

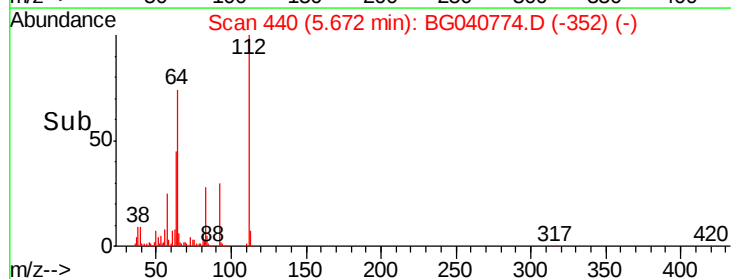
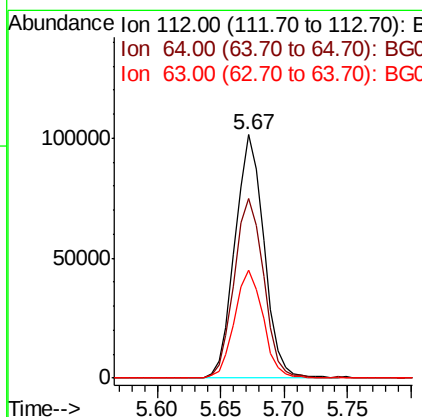
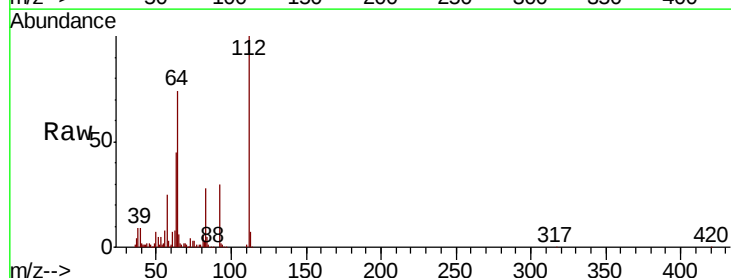
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	120.2	180.2
115	60.8	46.2	69.2



#5

2-Fluorophenol
Concen: 65.201 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040774.D
Acq: 7 May 2019 17:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	61.4	92.0
63	44.6	37.8	56.6





#7

Phenol-d6

Concen: 46.781 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040774.D

Acq: 7 May 2019 17:52

Instrument :

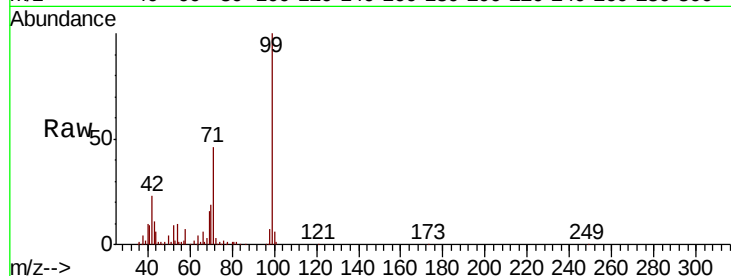
BNA_G

ClientSampleId :

OUTFALL001-WK-1

Tot Ion: 99 Resp: 177957

Ion	Ratio	Lower	Upper
99	100		
42	23.5	21.8	32.8
71	45.5	38.6	57.8

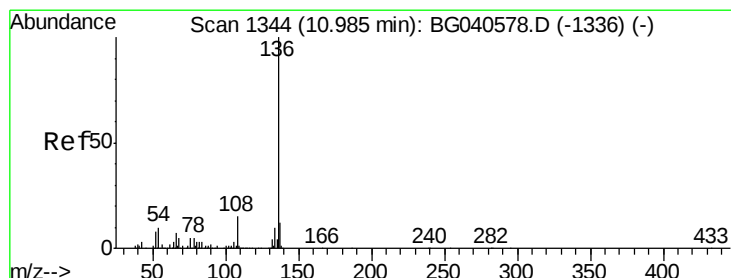
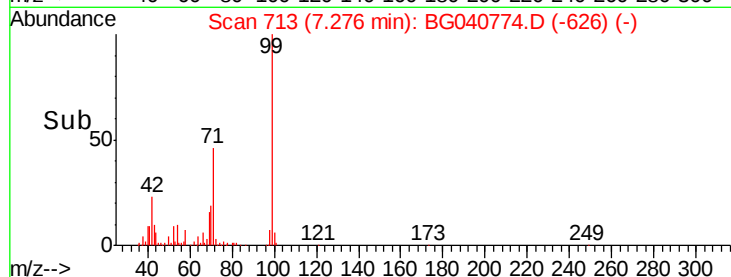
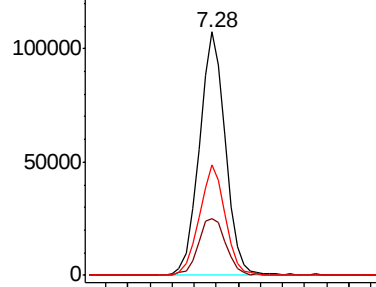


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

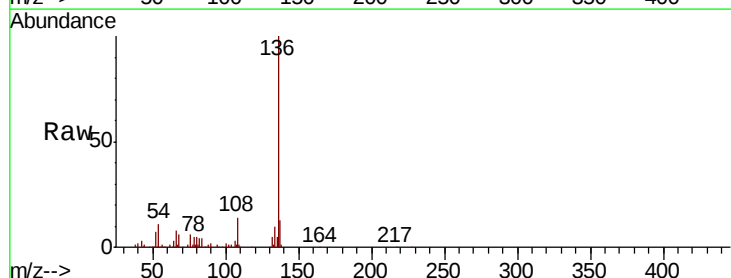
Delta R.T. -0.02 min

Lab File: BG040774.D

Acq: 7 May 2019 17:52

Tgt Ion: 136 Resp: 174246

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.7	14.5
54	10.6	8.6	12.8
68	6.4	4.8	7.2



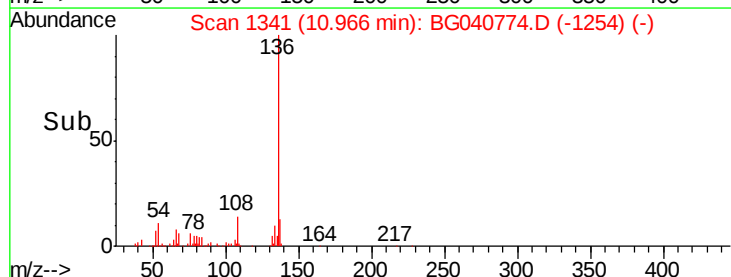
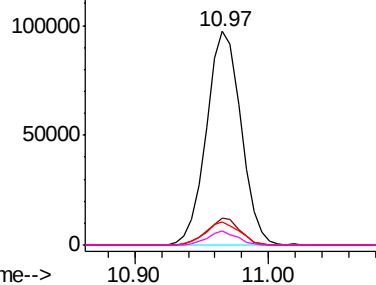
Abundance

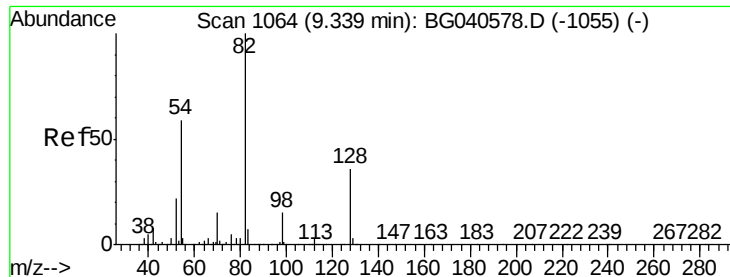
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

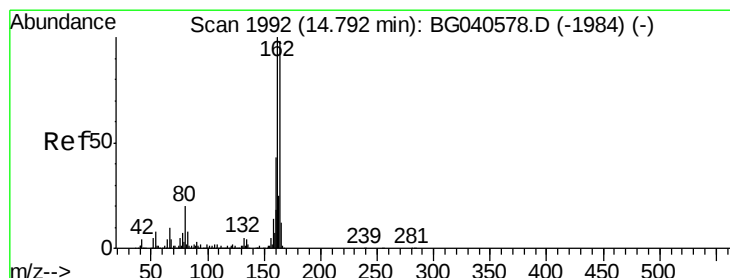
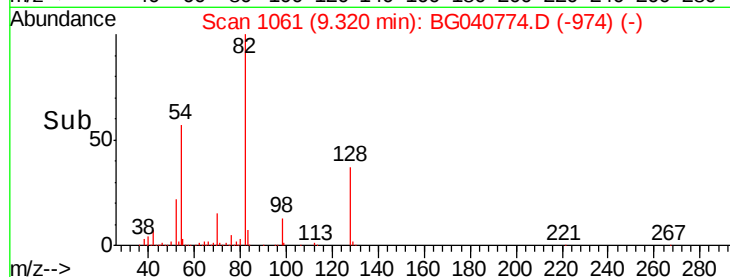
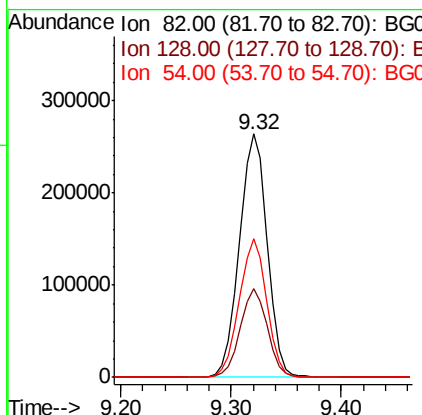
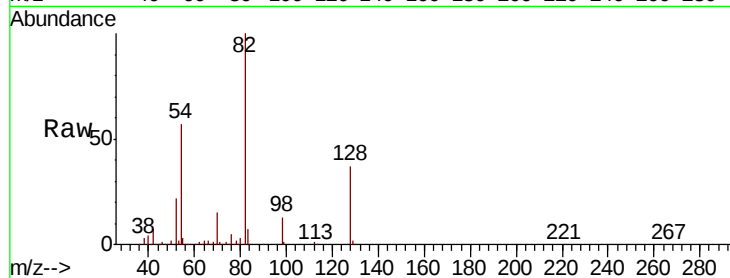




#23
 Nitrobenzene-d5
 Concen: 124.323 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040774.D
 Acq: 7 May 2019 17:52

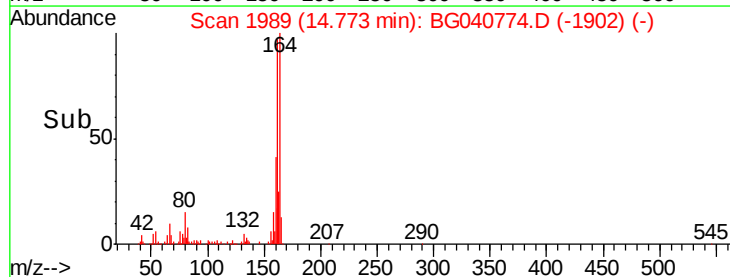
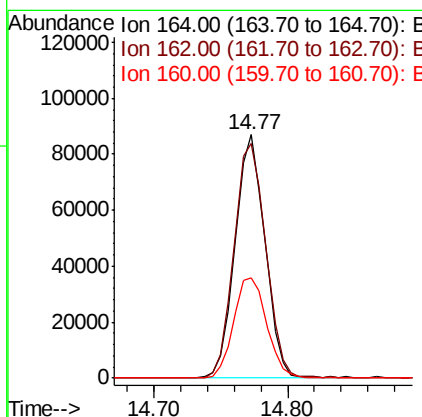
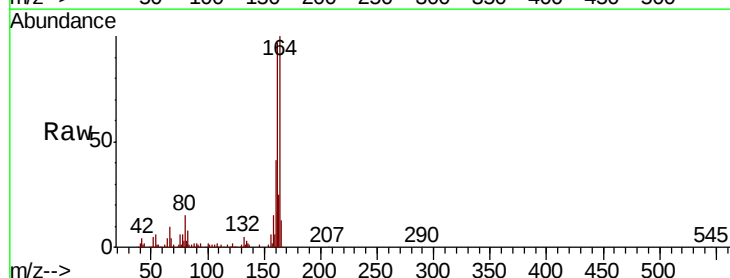
Instrument :
 BNA_G
 ClientSampleId :
 OUTFALL001-WK-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	28.9	43.3
54	56.9	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040774.D
 Acq: 7 May 2019 17:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	81.9	122.9
160	41.4	35.4	53.2

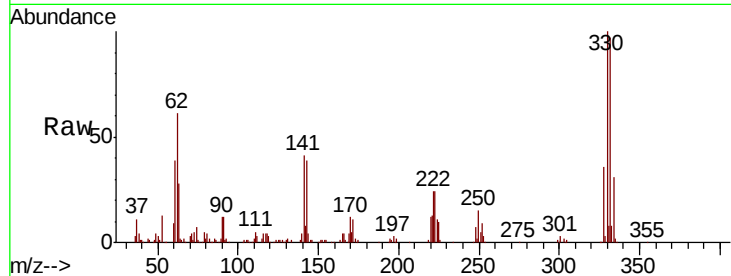




#42
2,4,6-Tribromophenol
Concen: 107.327 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040774.D
Acq: 7 May 2019 17:52

Instrument :
BNA_G
ClientSampleId :
OUTFALL001-WK-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.9	113.9
141	38.7	32.4	48.6

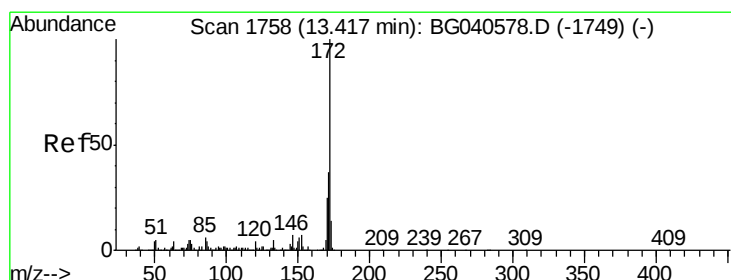
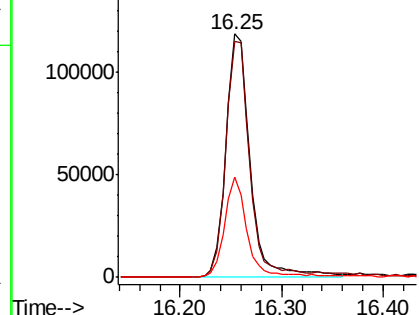
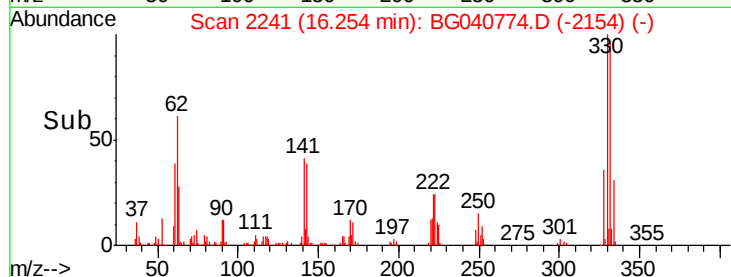


Abundance

Ion 329.80 (329.50 to 330.50): E

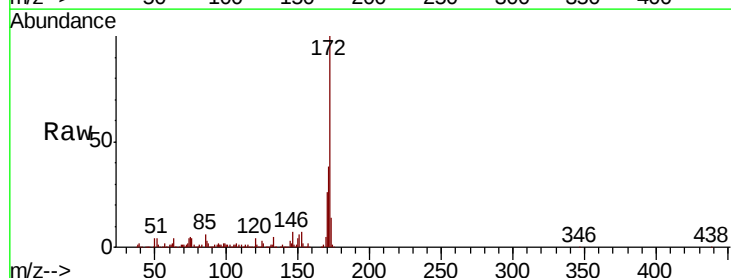
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 109.173 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040774.D
Acq: 7 May 2019 17:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.4	44.2
170	26.0	19.9	29.9

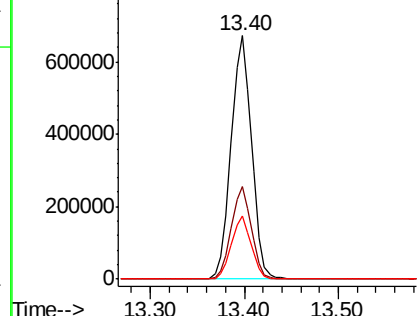
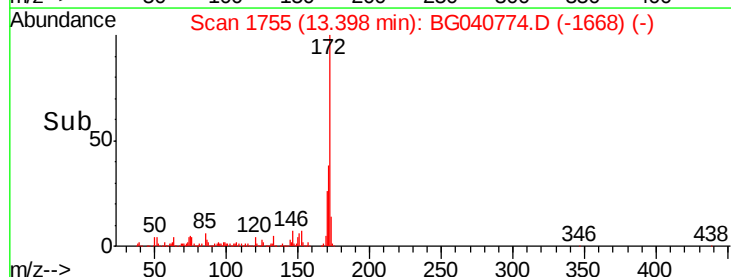


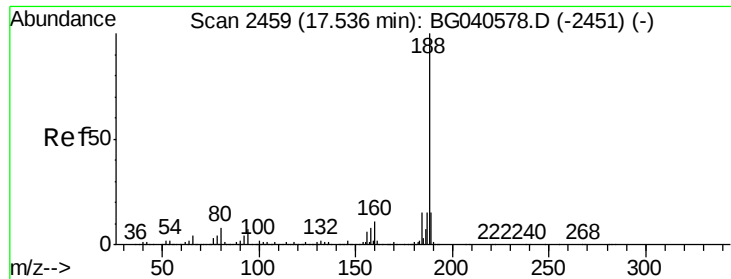
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

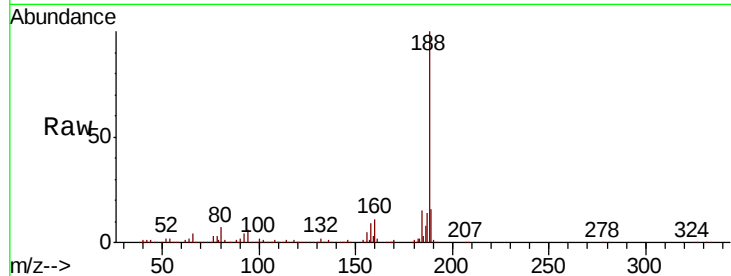




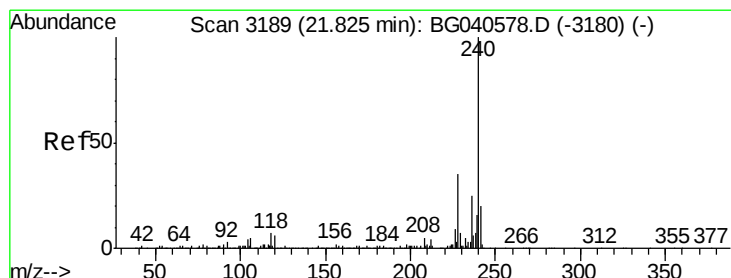
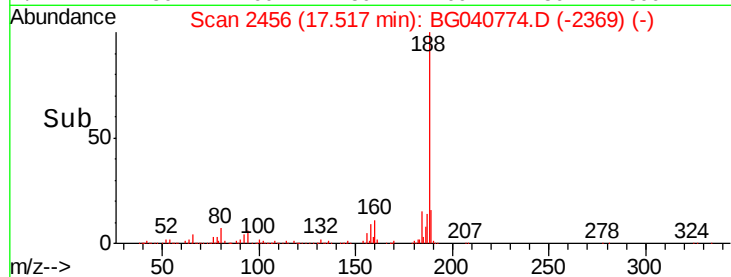
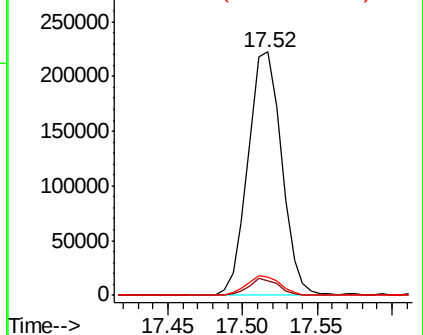
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040774.D
Acq: 7 May 2019 17:52

Instrument :
BNA_G
ClientSampleId :
OUTFALL001-WK-1

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.6	8.4
80	7.3	6.4	9.6

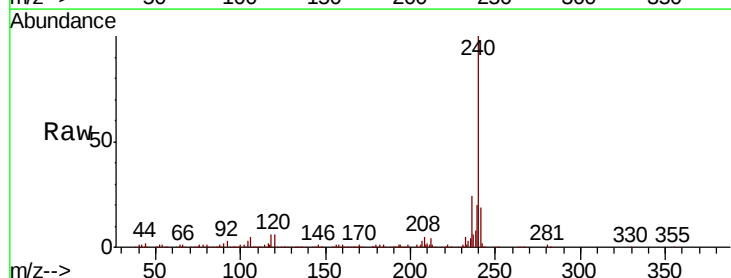


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

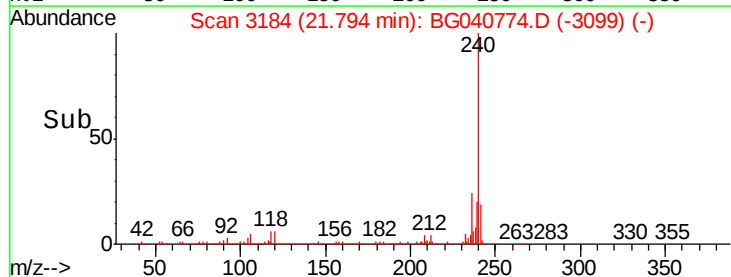
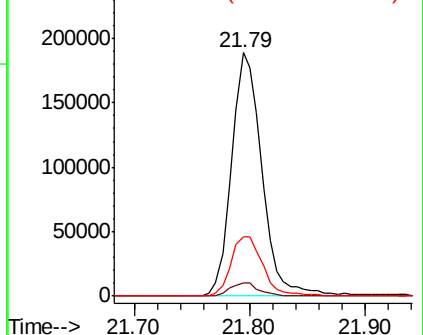


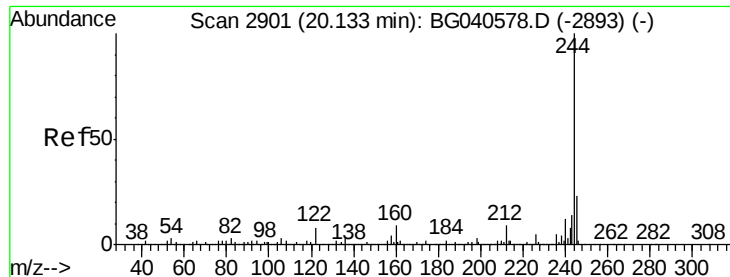
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040774.D
Acq: 7 May 2019 17:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.0	7.6
236	24.4	20.3	30.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 127.409 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040774.D

Acq: 7 May 2019 17:52

Instrument :

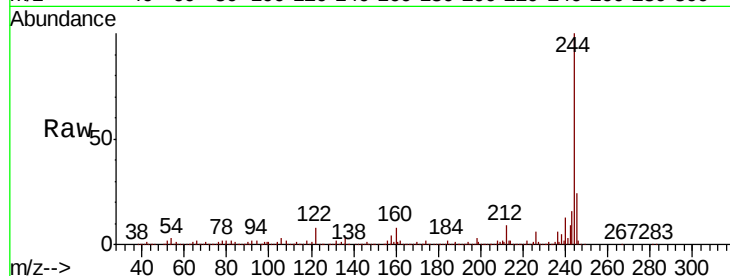
BNA_G

ClientSampleId :

OUTFALL001-WK-1

Tot Ion:244 Resp: 1976367

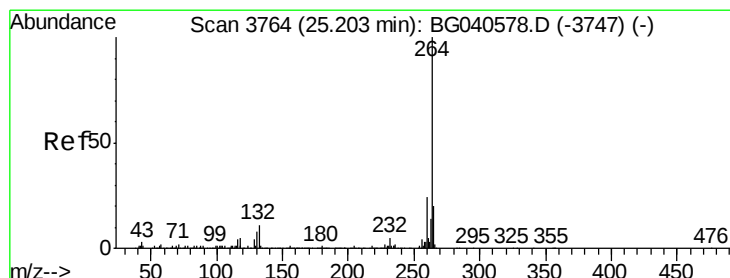
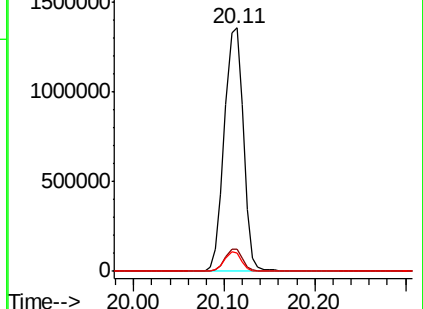
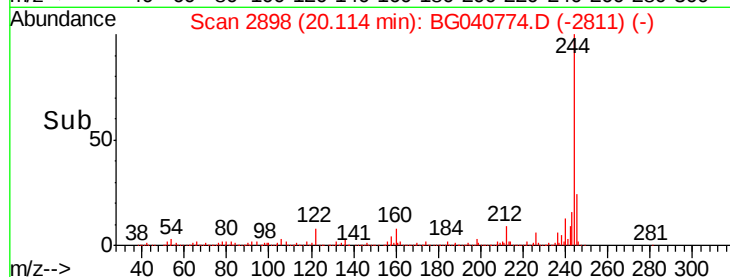
Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.2	10.8
122	7.6	6.6	10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3756

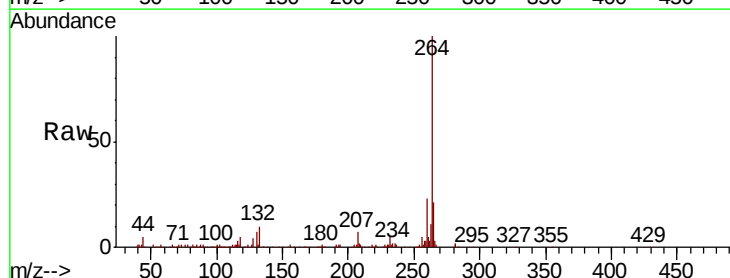
Delta R.T. -0.05 min

Lab File: BG040774.D

Acq: 7 May 2019 17:52

Tgt Ion:264 Resp: 314004

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	16.6	25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

