Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041431.D
Acq On : 24 Jun 2019 21:14
Operator : HP/JU
Sample : K3500-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-A-061919

Quant Time: Jun 25 05:57:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	32090	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	130887	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	93854	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	230428	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	229925	20.00	ng	-0.04
87) Perylene-d12	24.99	264	172595	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	99651	57.06	ng	-0.03
7) Phenol-d6	7.20	99	92386	36.49	ng	-0.03
23) Nitrobenzene-d5	9.23	82	254180	81.67	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	190291	132.07	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	627719	90.90	ng	-0.03
79) Terphenyl-d14	20.03	244	1086100	93.61	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.92	128	1136419	159.755	ng	98
37) 2-Methylnaphthalene	12.52	142	136957	26.141	ng	96
38) 1-Methylnaphthalene	12.74	142	150505	30.025	ng	100

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

Quantitation Report (QT/LSC Reviewed)

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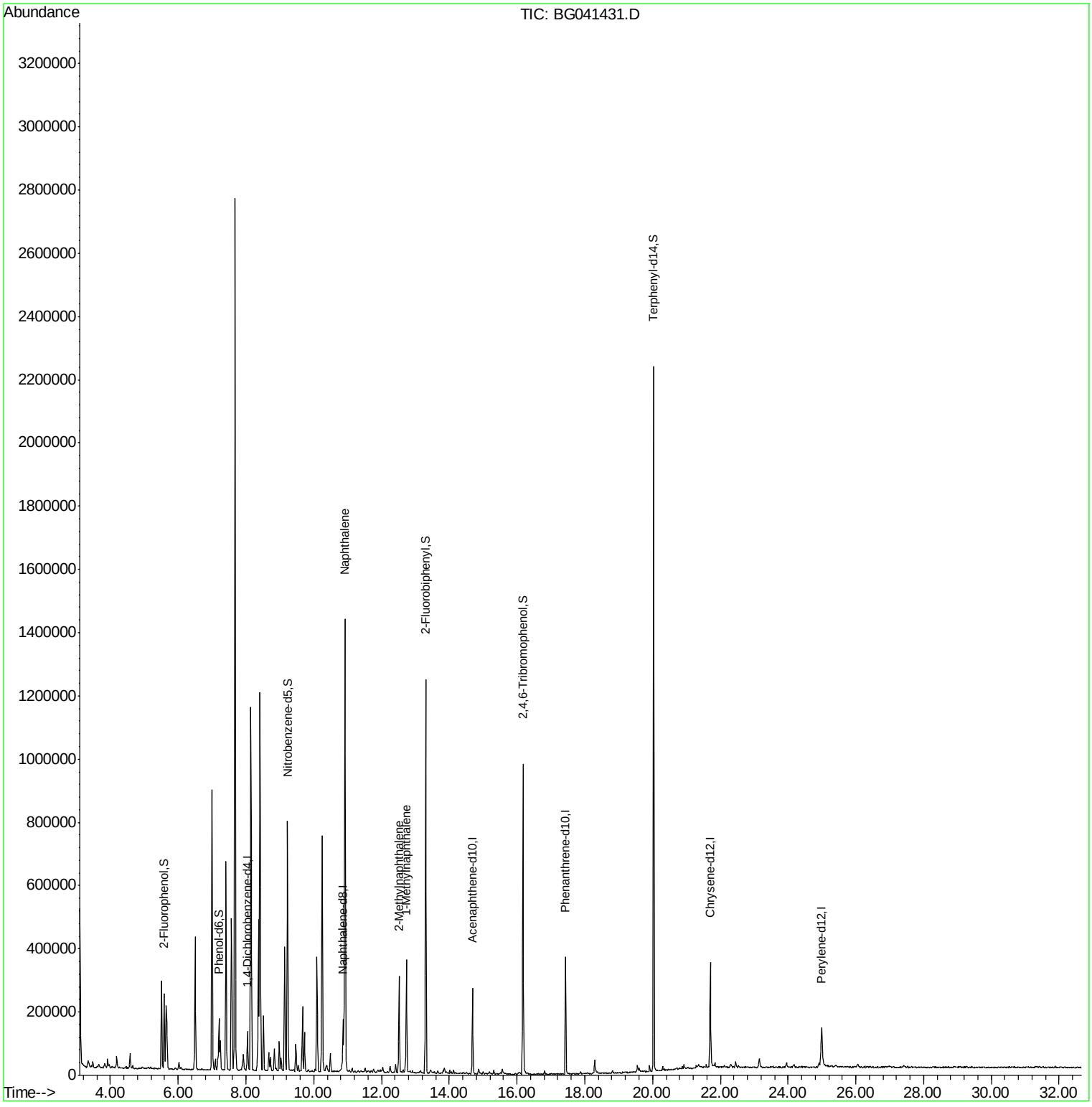
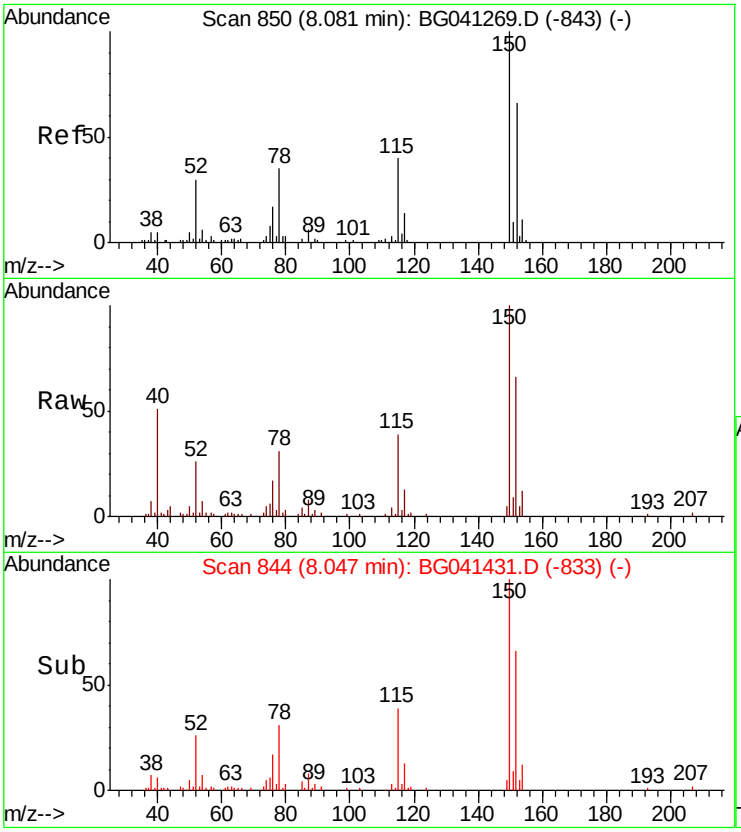


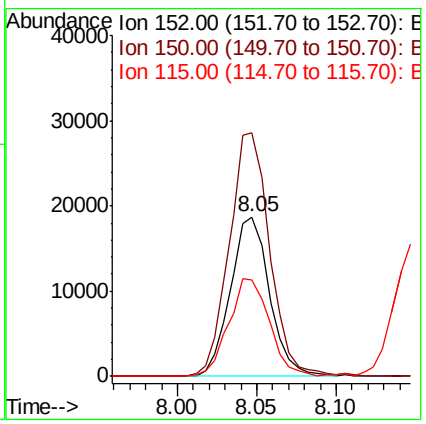


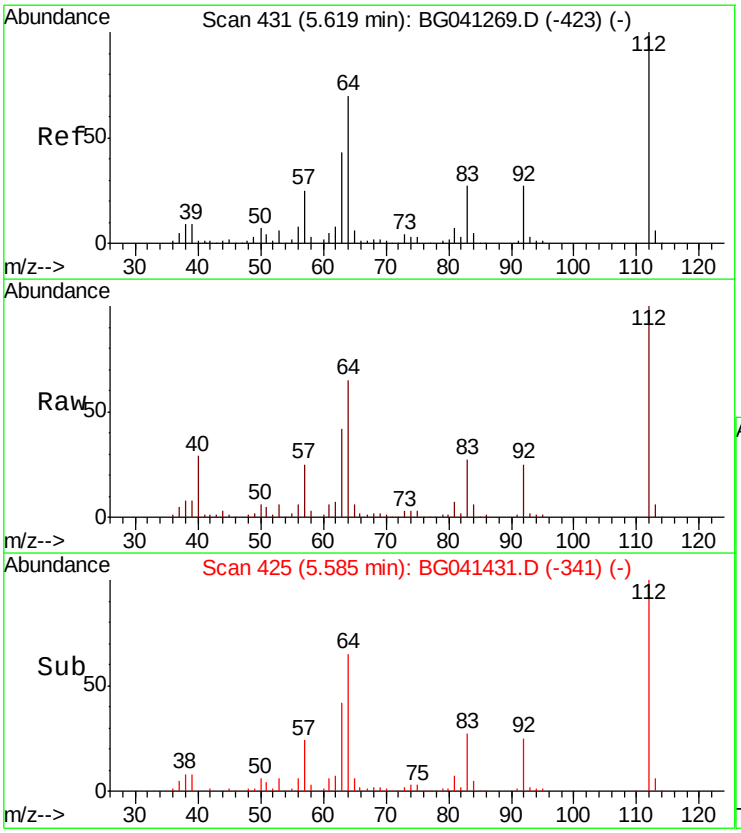
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Instrument :
BNA_G
ClientSampleId :
GW-A-061919

Tgt Ion:152 Resp: 32090

Ion	Ratio	Lower	Upper
152	100		
150	152.6	120.6	181.0
115	60.1	47.9	71.9

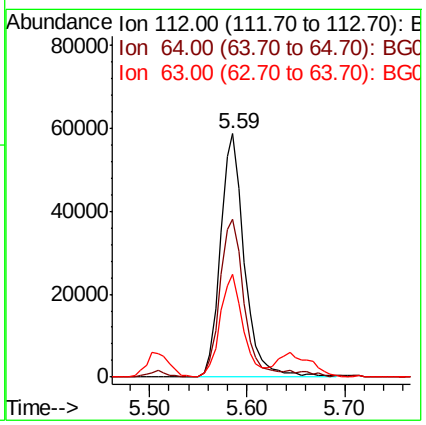


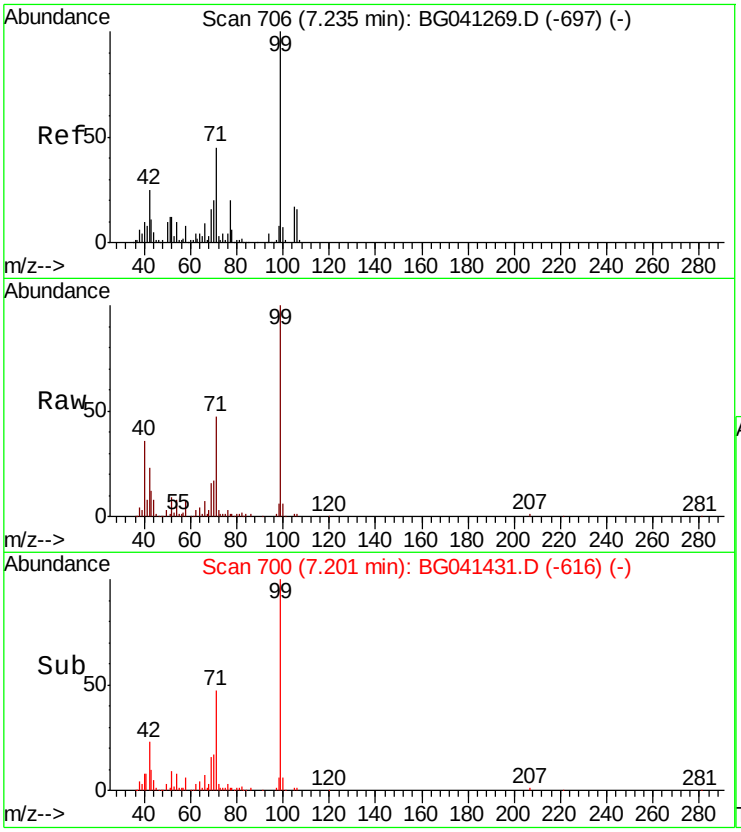


#5
2-Fluorophenol
Concen: 57.058 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Tgt Ion:112 Resp: 99651

Ion	Ratio	Lower	Upper
112	100		
64	64.7	55.9	83.9
63	42.0	34.6	51.8



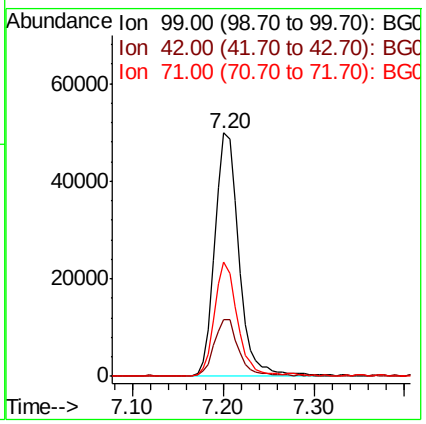


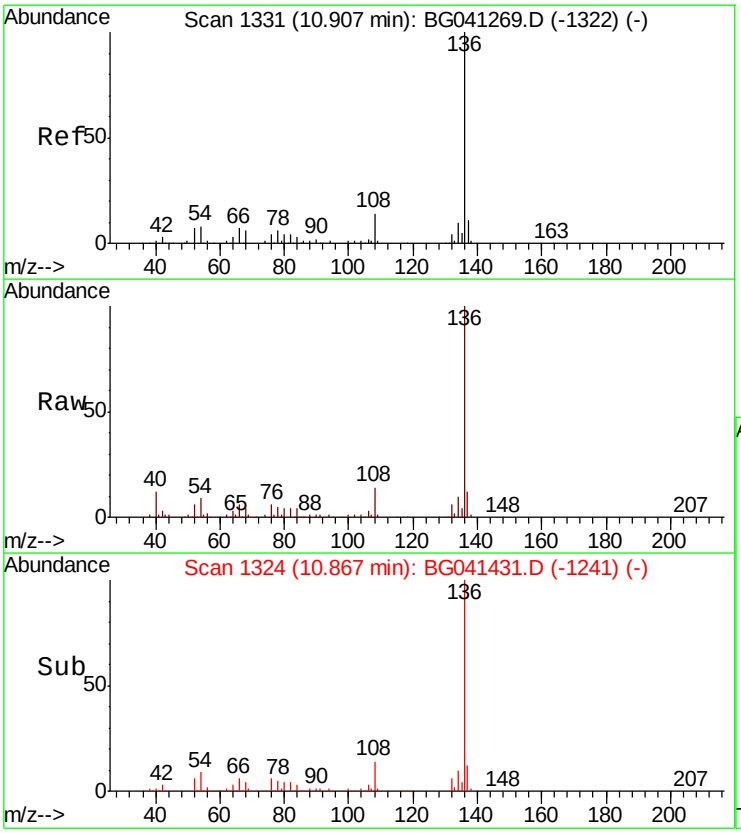
#7
Phenol-d6
Concen: 36.494 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.03 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Instrument :
BNA_G
ClientSampleId :
GW-A-061919

Tgt Ion: 99 Resp: 92386

Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.9	29.9
71	46.8	36.4	54.6

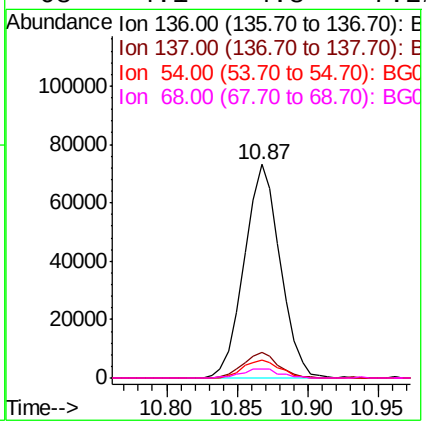


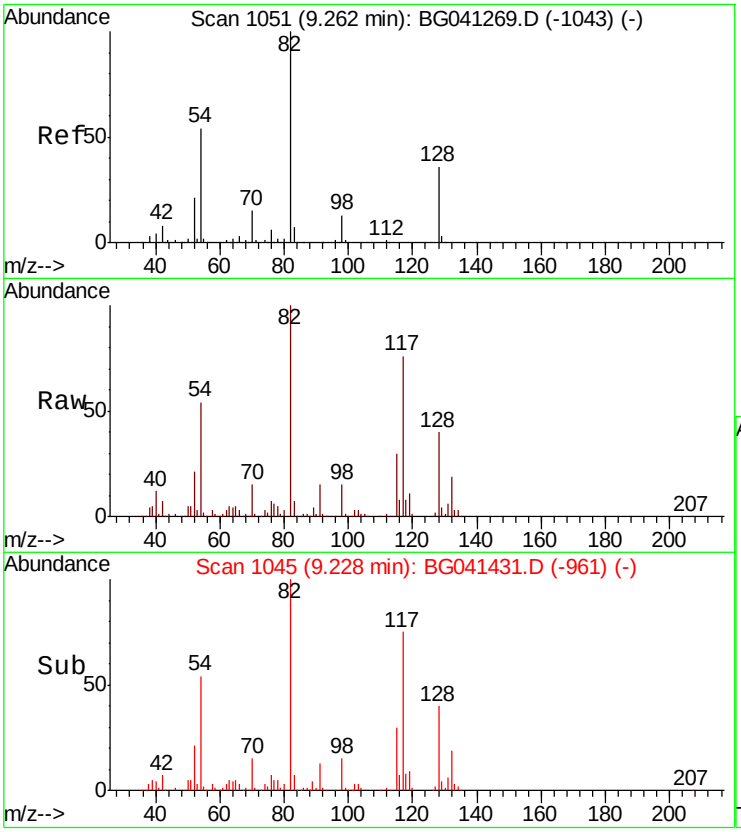


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Tgt Ion:136 Resp: 130887

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	8.7	6.4	9.6
68	4.1	4.8	7.2#



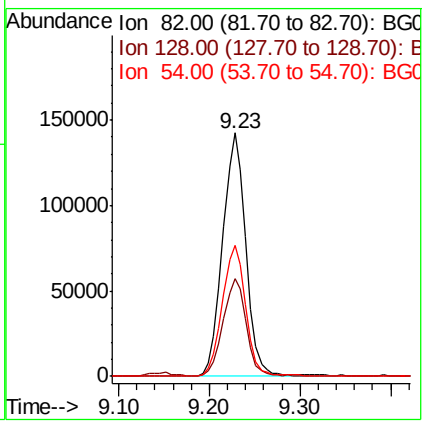


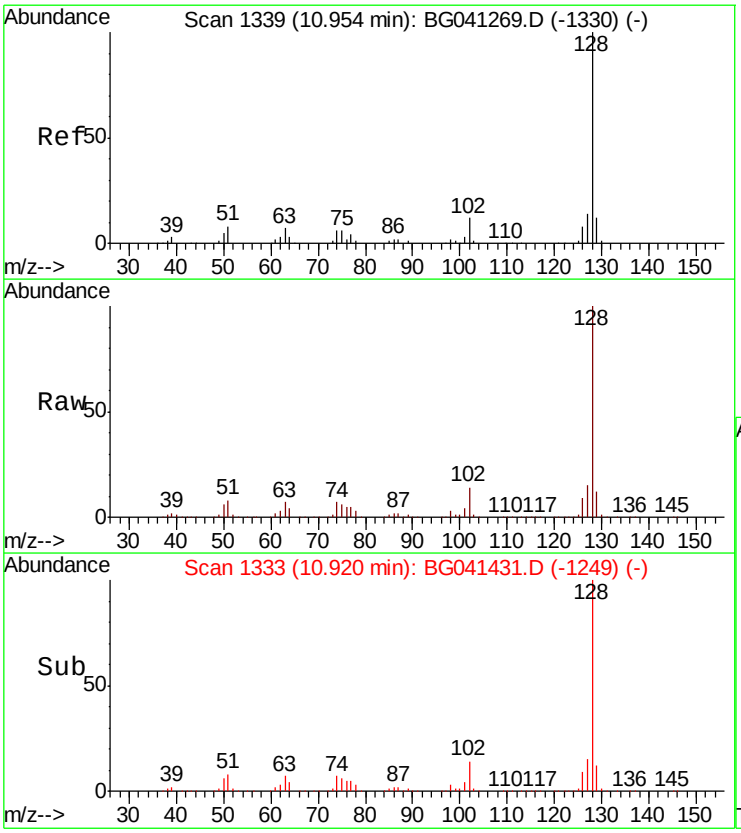
#23
Nitrobenzene-d5
Concen: 81.672 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Instrument :
BNA_G
ClientSampleId :
GW-A-061919

Tgt Ion: 82 Resp: 254180

Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.2	43.8
54	53.7	43.4	65.0

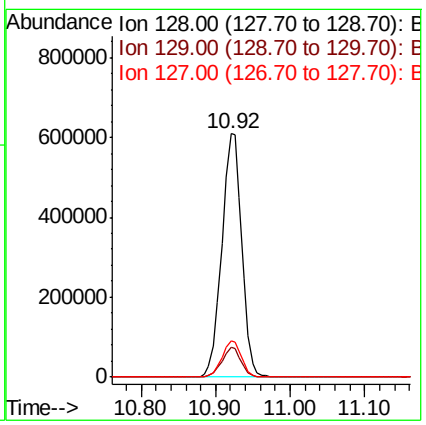


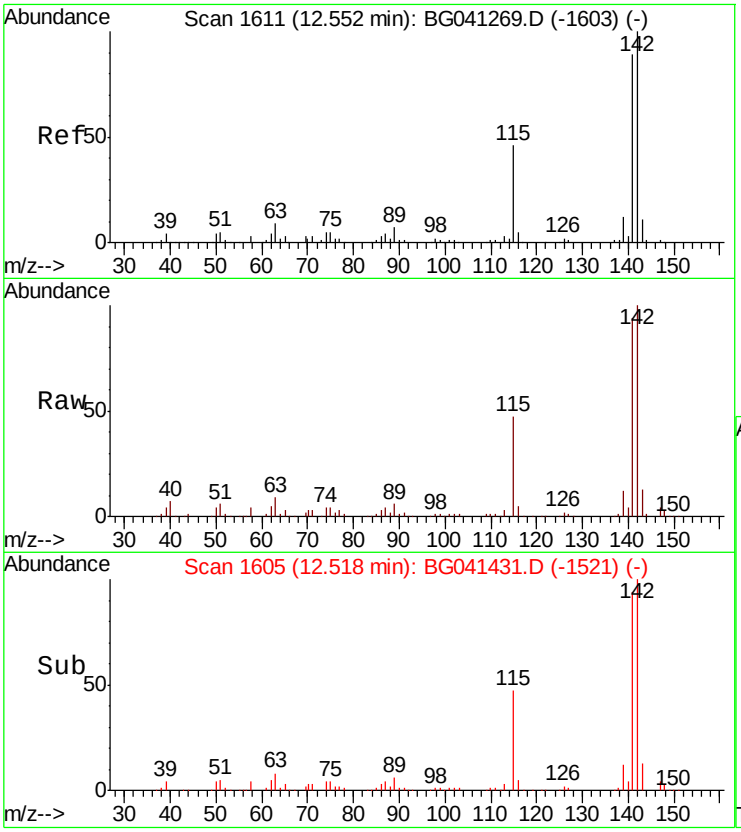


#31
Naphthalene
Concen: 159.755 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Tgt Ion:128 Resp: 1136419

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.0
127	15.0	11.2	16.8



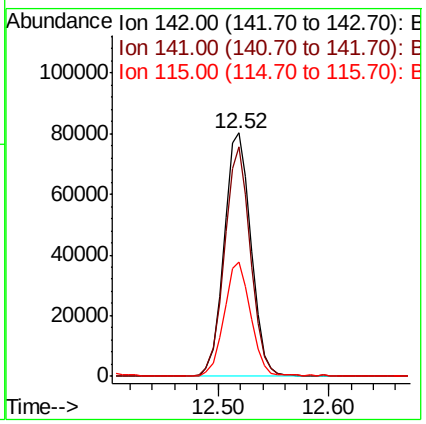


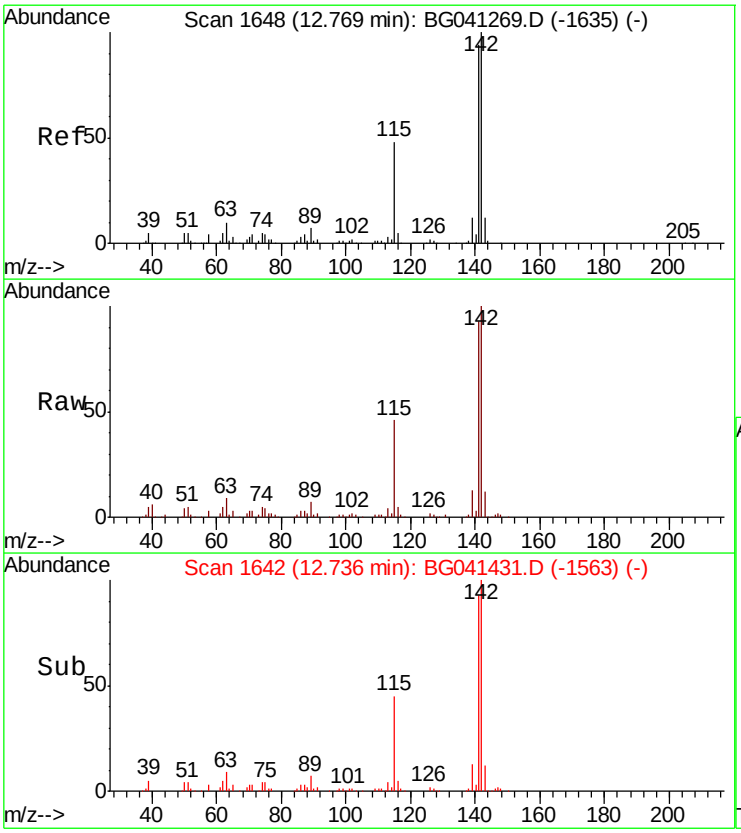
#37
2-Methylnaphthalene
Concen: 26.141 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.03 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Instrument :
BNA_G
ClientSampleId :
GW-A-061919

Tgt Ion:142 Resp: 136957

Ion	Ratio	Lower	Upper
142	100		
141	94.1	71.5	107.3
115	46.8	37.0	55.6

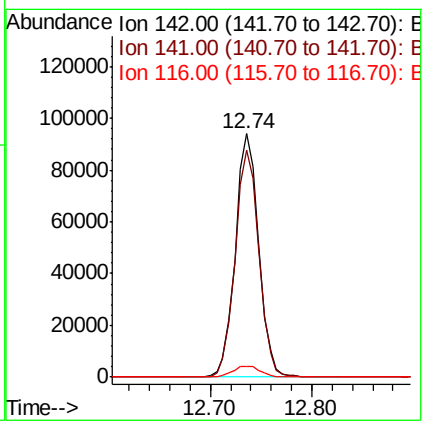


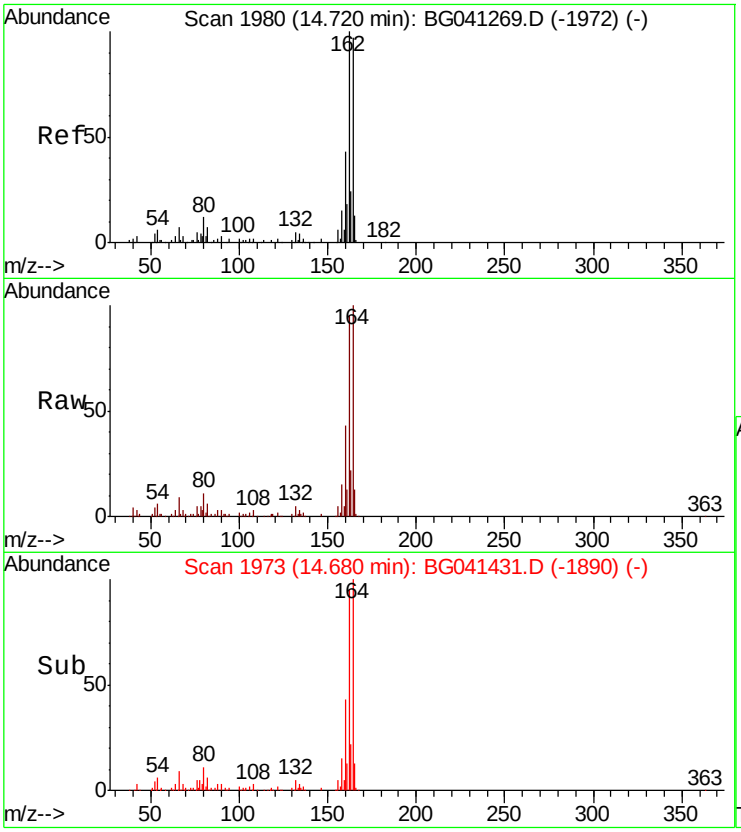


#38
1-Methylnaphthalene
Concen: 30.025 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.03 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Tgt Ion:142 Resp: 150505

Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.0	112.6
116	4.6	4.2	6.2



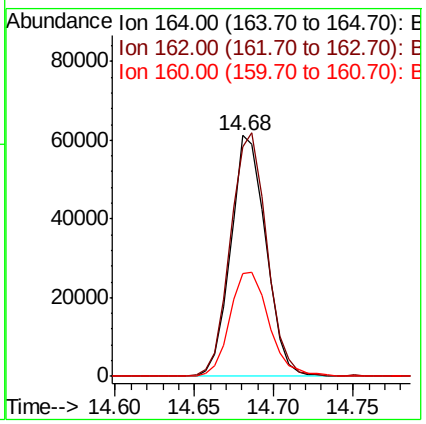


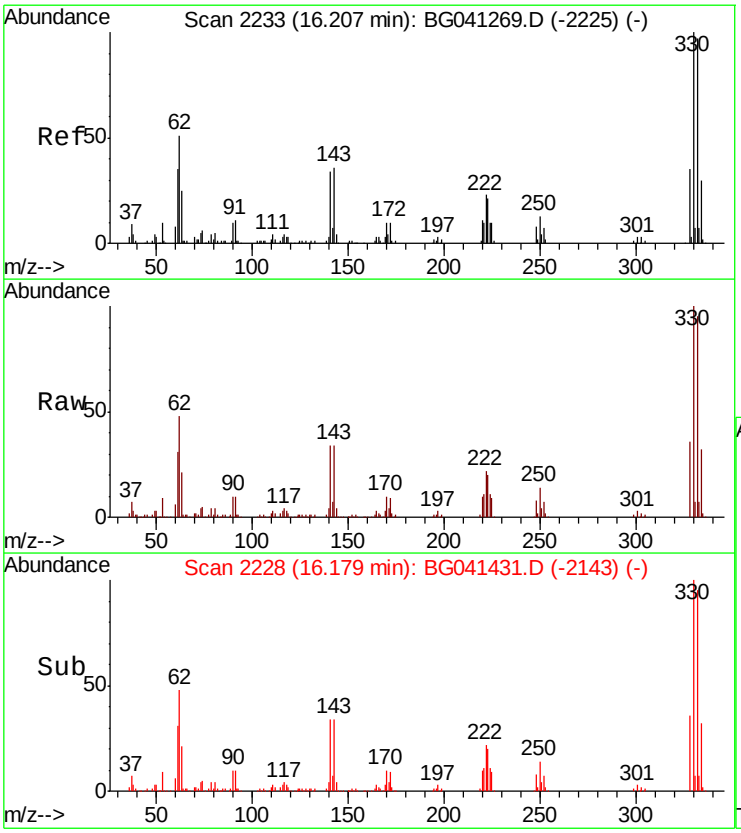
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.04 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Instrument :
BNA_G
ClientSampleId :
GW-A-061919

Tgt Ion:164 Resp: 93854

Ion	Ratio	Lower	Upper
164	100		
162	95.1	82.8	124.2
160	42.5	35.8	53.8

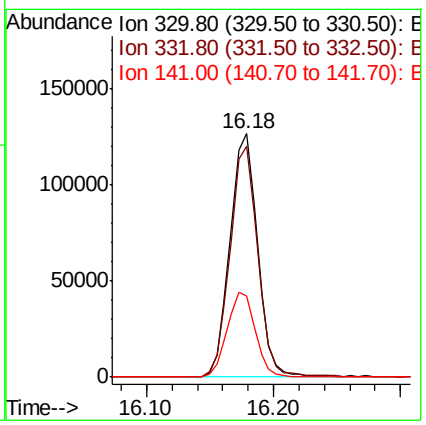


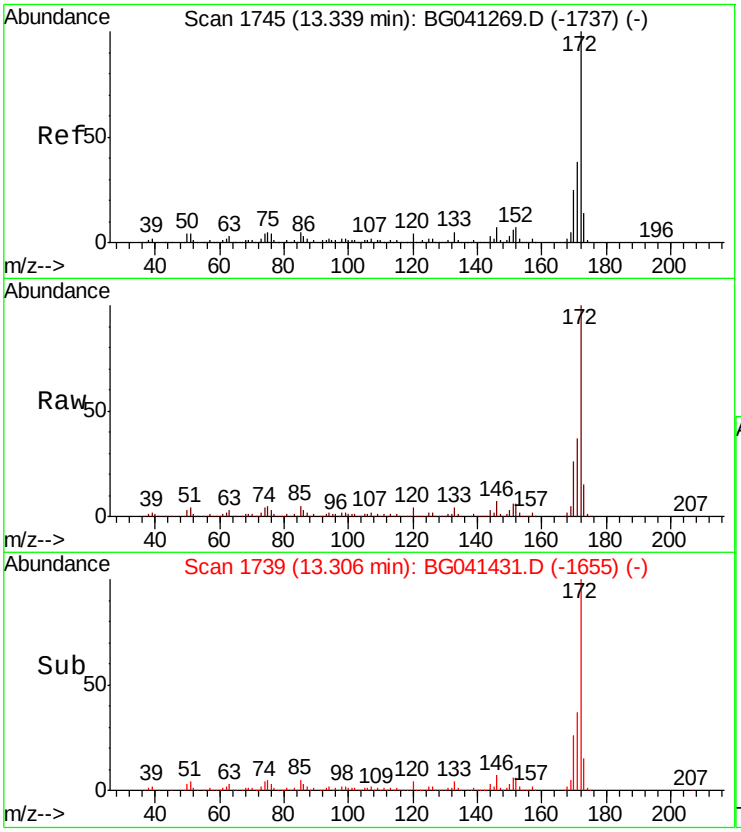


#42
2,4,6-Tribromophenol
Concen: 132.067 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.03 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Tgt Ion:330 Resp: 190291

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.5	113.3
141	35.9	29.0	43.4



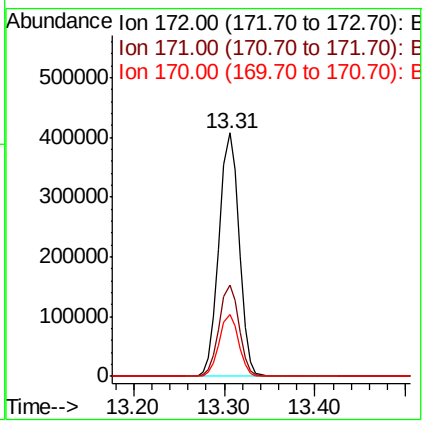


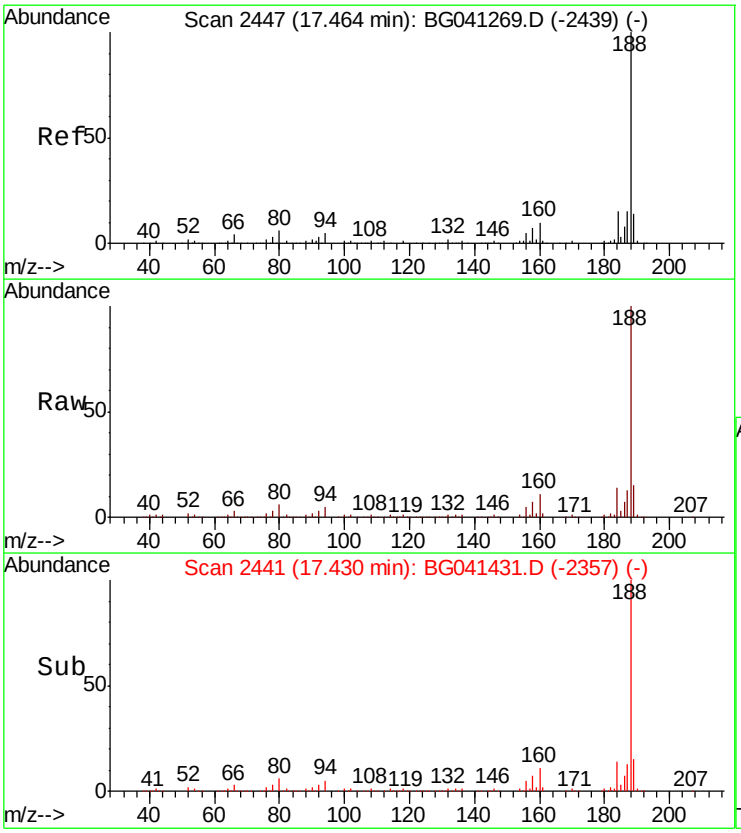
#45
2-Fluorobiphenyl
Concen: 90.904 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.03 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Instrument :
BNA_G
ClientSampleId :
GW-A-061919

Tgt Ion:172 Resp: 627719

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	25.5	19.8	29.6

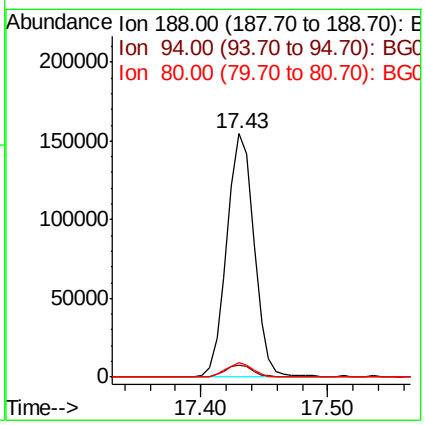


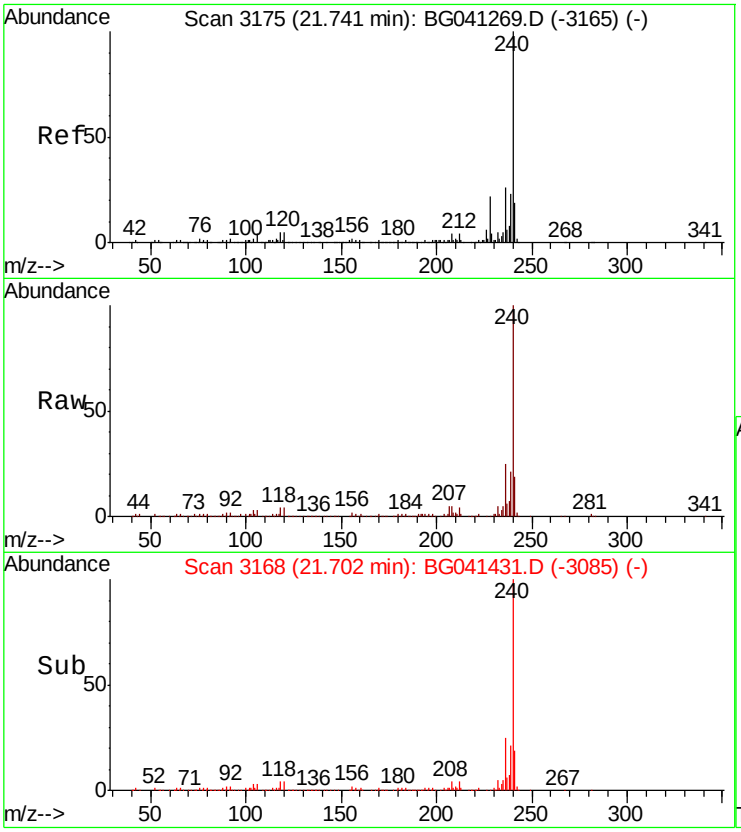


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Tgt Ion:188 Resp: 230428

Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.6	5.4
80	6.1	4.8	7.2



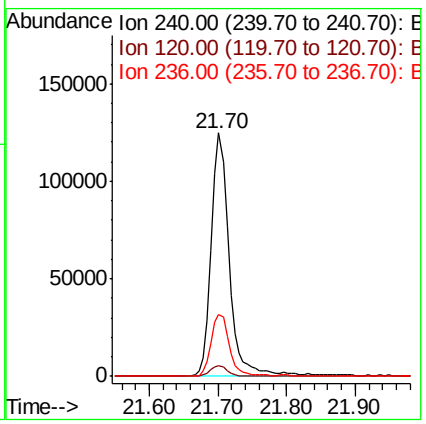


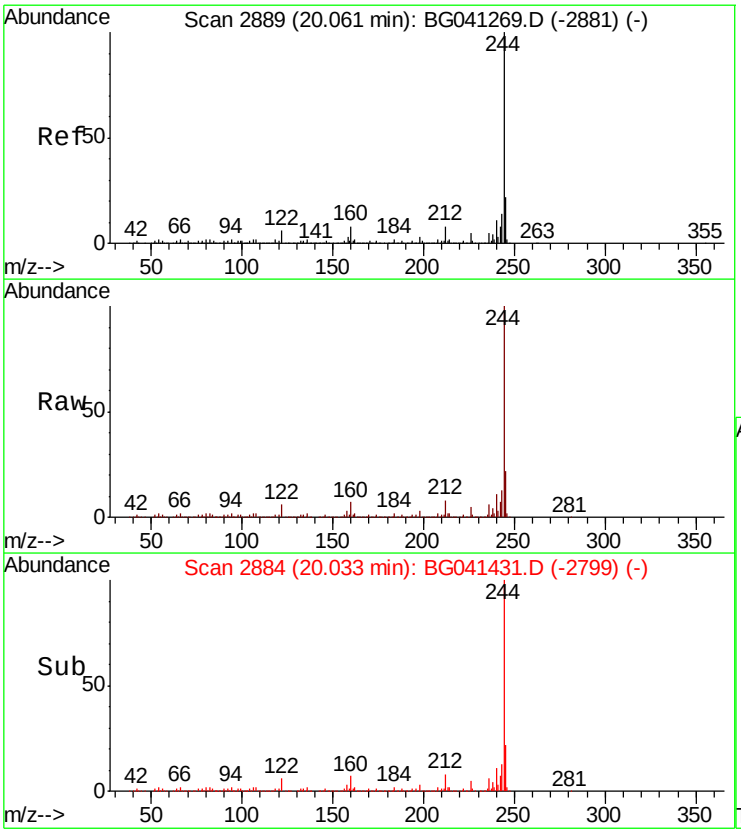
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Instrument :
BNA_G
ClientSampleId :
GW-A-061919

Tgt Ion:240 Resp: 229925

Ion	Ratio	Lower	Upper
240	100		
120	4.4	3.7	5.5
236	25.4	21.1	31.7

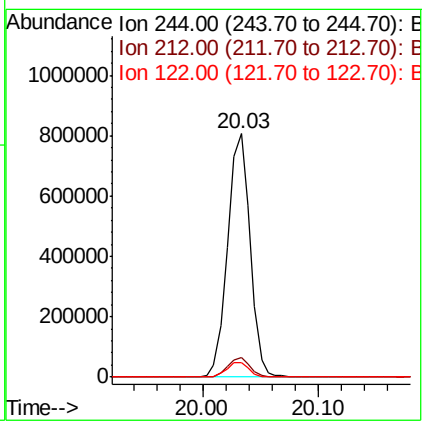


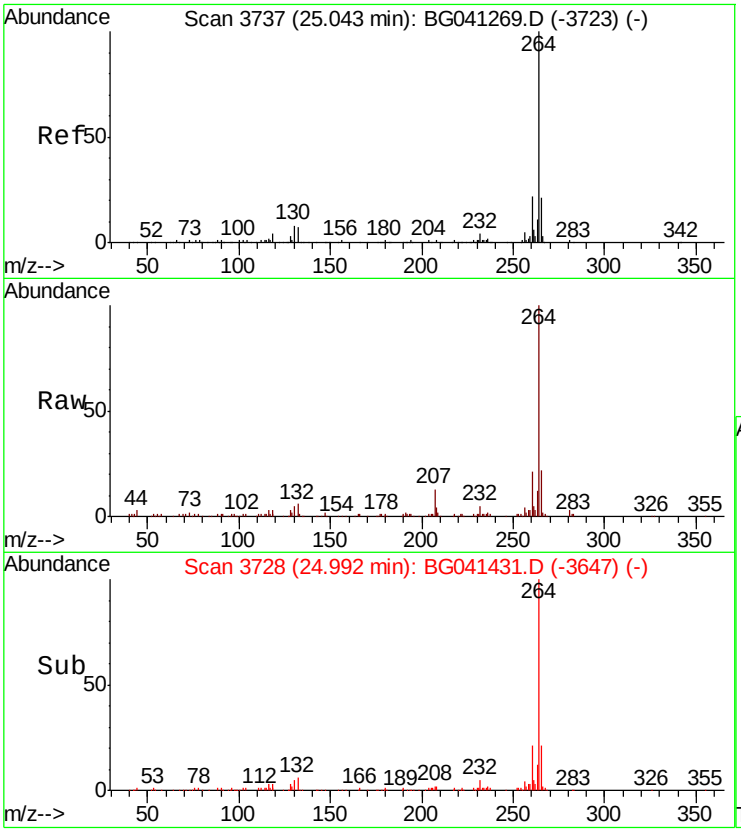


#79
Terphenyl-d14
Concen: 93.614 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Tgt Ion:244 Resp: 1086100

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	10.0
122	6.1	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG041431.D
Acq: 24 Jun 2019 21:14

Instrument :
BNA_G
ClientSampleId :
GW-A-061919

Tgt Ion:264 Resp: 172595

Ion	Ratio	Lower	Upper
264	100		
260	20.9	17.4	26.2
265	21.9	17.2	25.8