Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041390.D
Acq On : 21 Jun 2019 23:45
Operator : HP/JU
Sample : K3453-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FRAC-TANK-MUD

Quant Time: Jun 22 01:51:50 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	31070	20.00	ng	-0.03
21) Naphthalene-d8	10.88	136	117332	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	85408	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	235480	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	237093	20.00	ng	-0.03
87) Perylene-d12	25.00	264	256961	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	190267	112.52	ng	-0.02
7) Phenol-d6	7.21	99	245282	100.07	ng	-0.02
23) Nitrobenzene-d5	9.23	82	219384	78.64	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	168174	128.26	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	511639	81.42	ng	-0.03
79) Terphenyl-d14	20.04	244	1054133	88.11	ng	-0.02
Target Compounds						Qvalue

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

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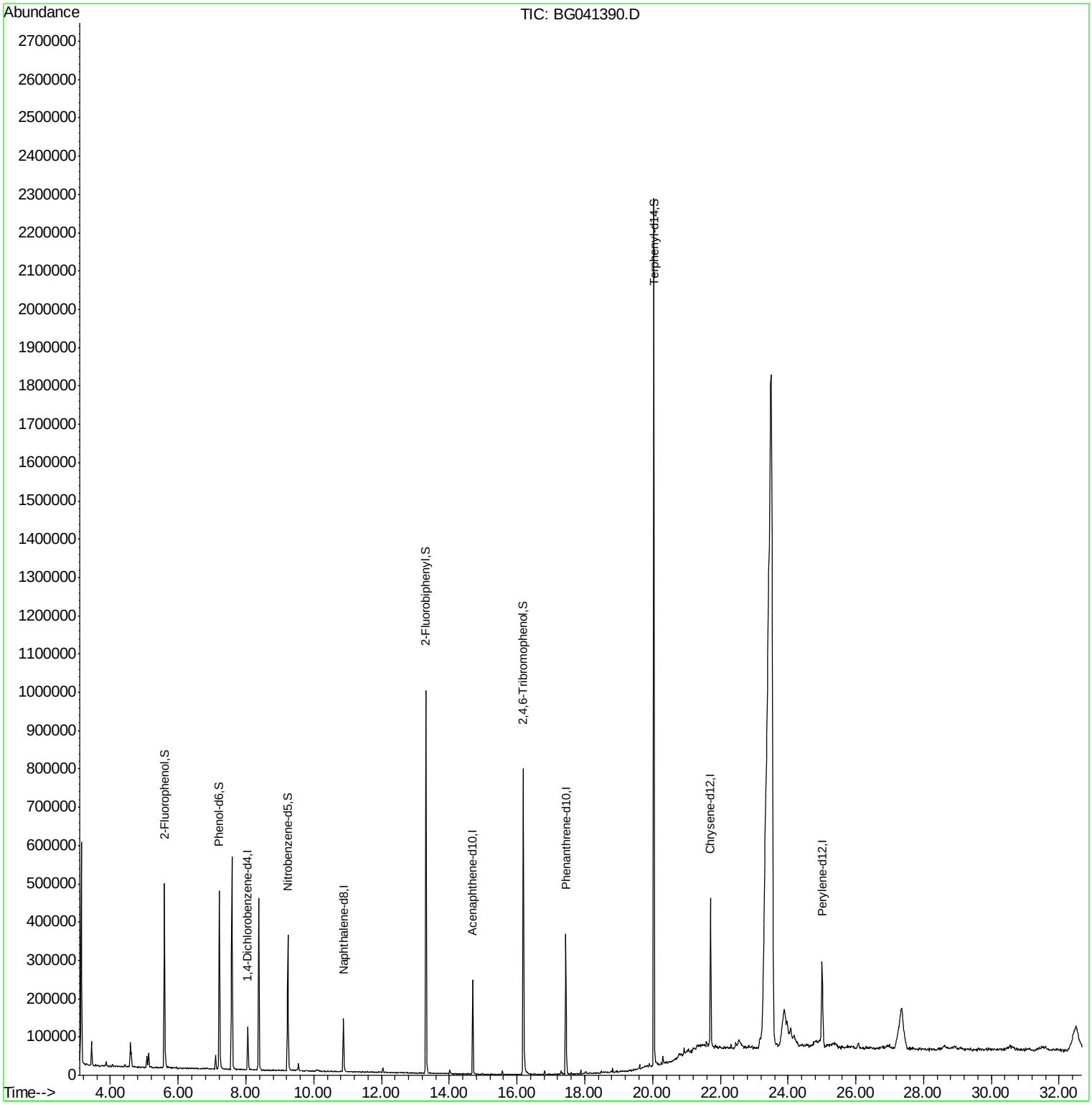
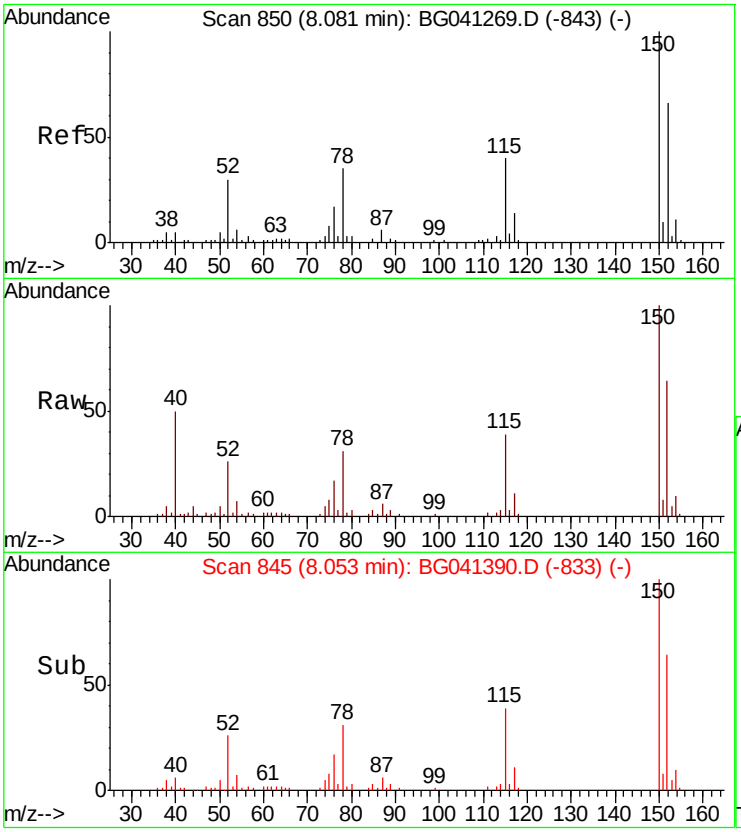


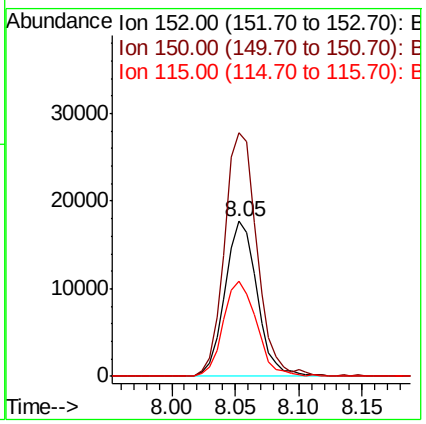


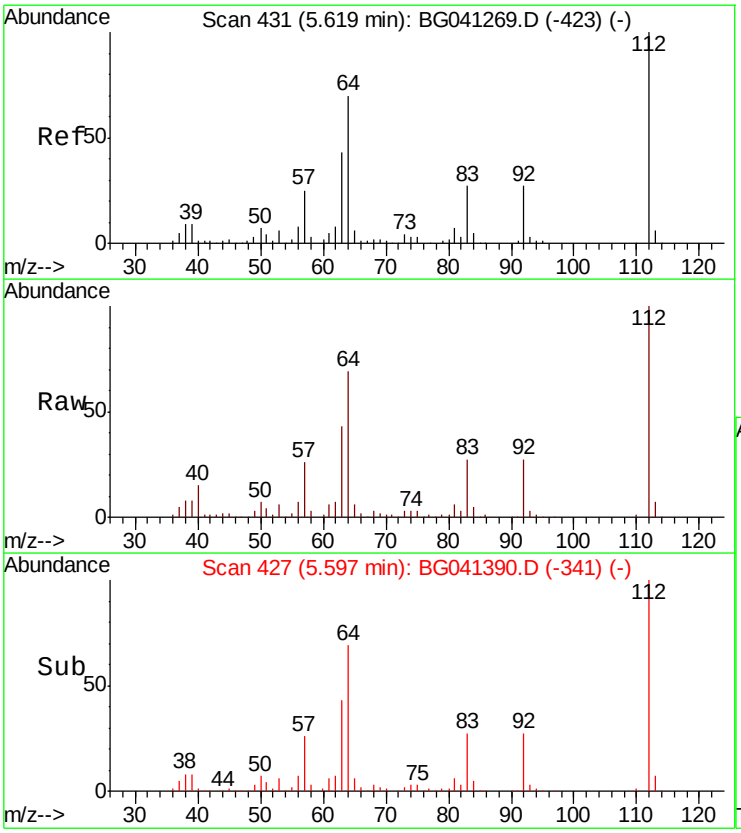
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

Tgt Ion:152 Resp: 31070

Ion	Ratio	Lower	Upper
152	100		
150	156.9	120.6	181.0
115	61.5	47.9	71.9

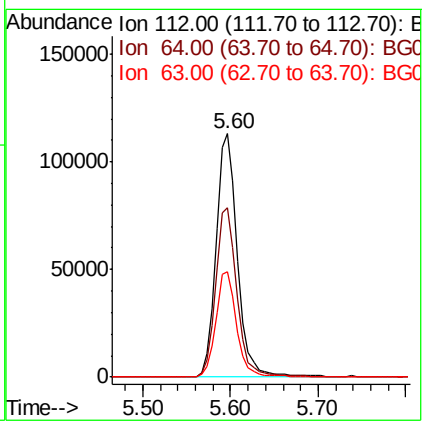


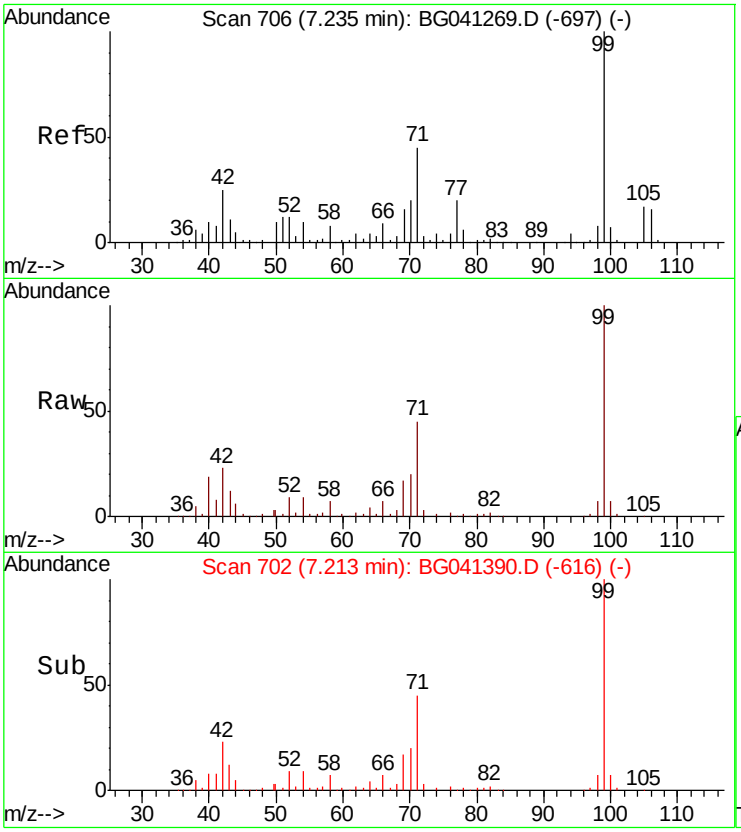


#5
2-Fluorophenol
Concen: 112.520 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Tgt Ion:112 Resp: 190267

Ion	Ratio	Lower	Upper
112	100		
64	69.4	55.9	83.9
63	43.4	34.6	51.8



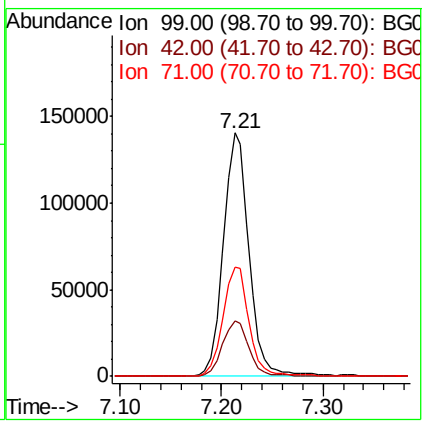


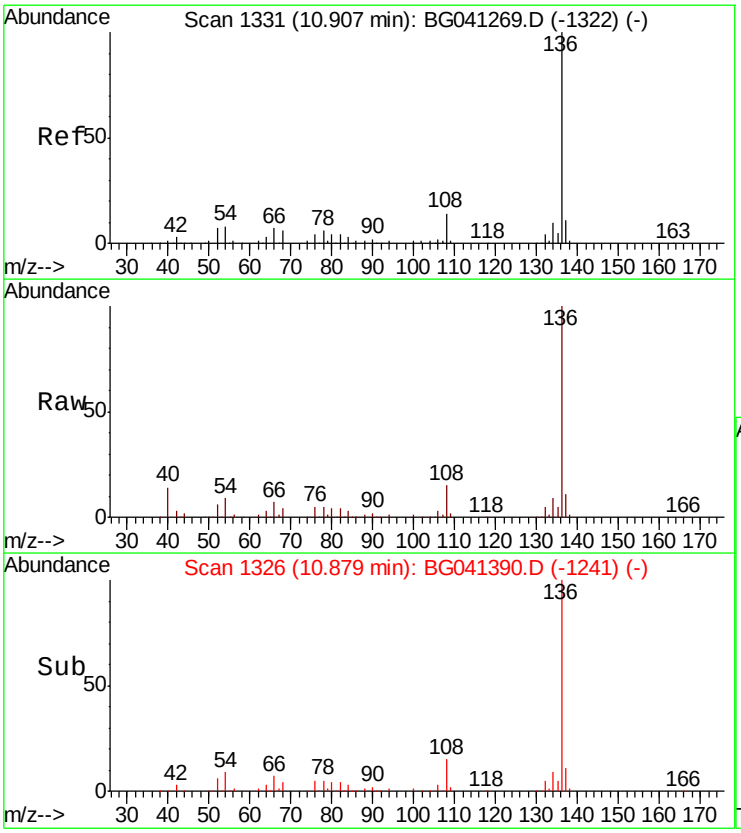
#7
Phenol-d6
Concen: 100.072 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.02 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

Tgt Ion: 99 Resp: 245282

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.9	29.9
71	44.8	36.4	54.6

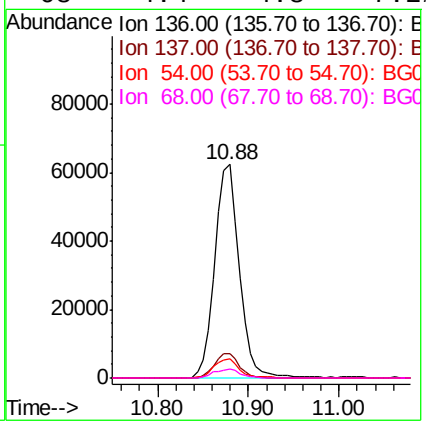


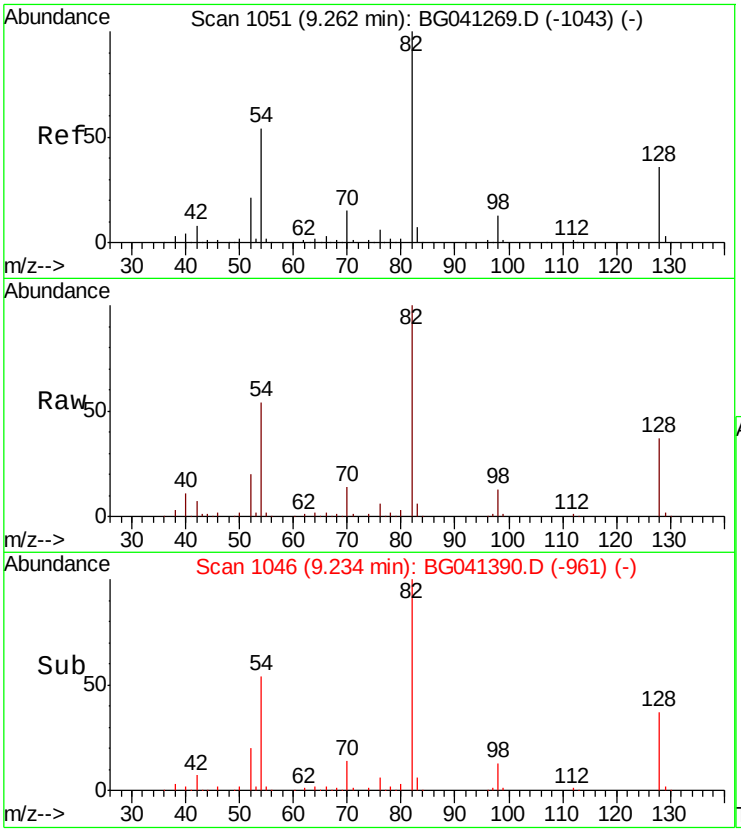


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.03 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Tgt Ion:136 Resp: 117332

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.3	6.4	9.6
68	4.4	4.8	7.2#



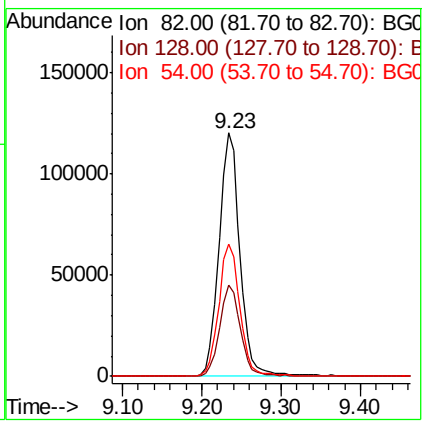


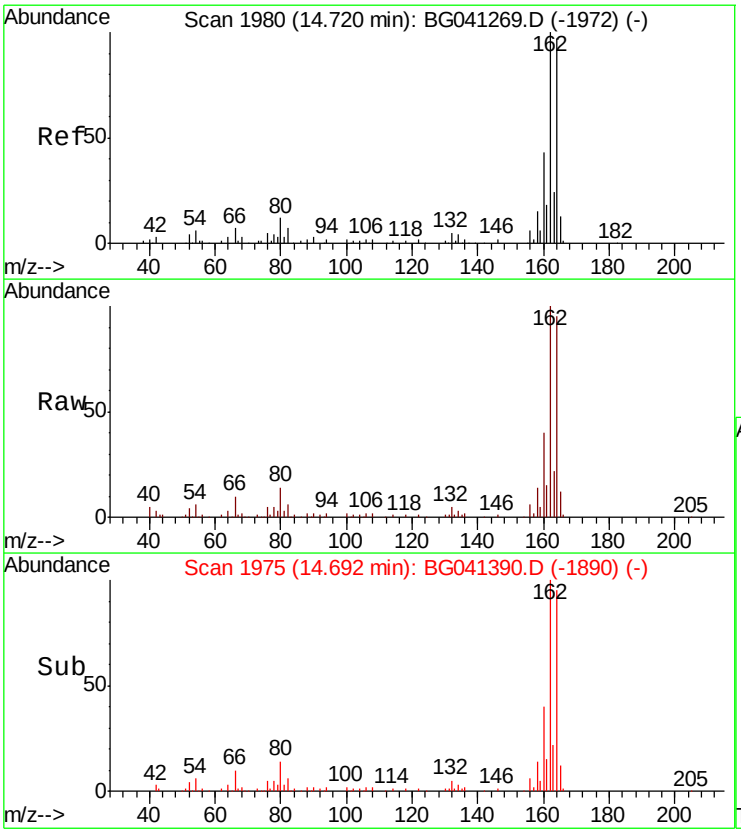
#23
Nitrobenzene-d5
Concen: 78.636 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

Tgt Ion: 82 Resp: 219384

Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.2	43.8
54	54.2	43.4	65.0

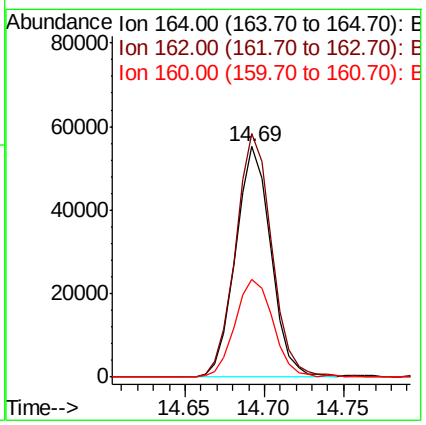


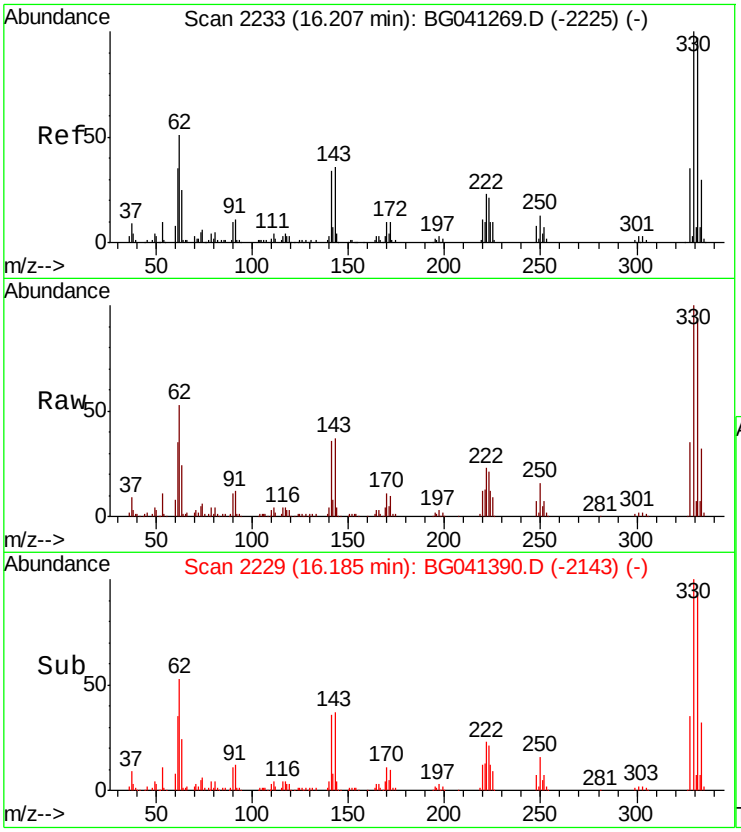


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Tgt Ion:164 Resp: 85408

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.8	124.2
160	42.5	35.8	53.8



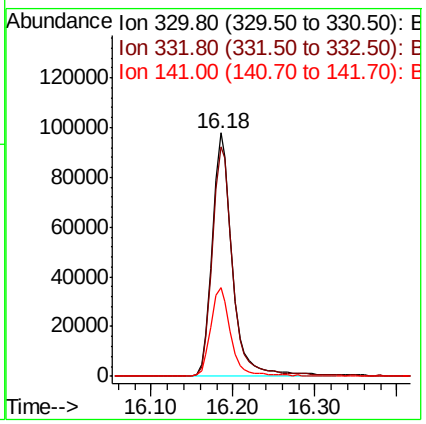


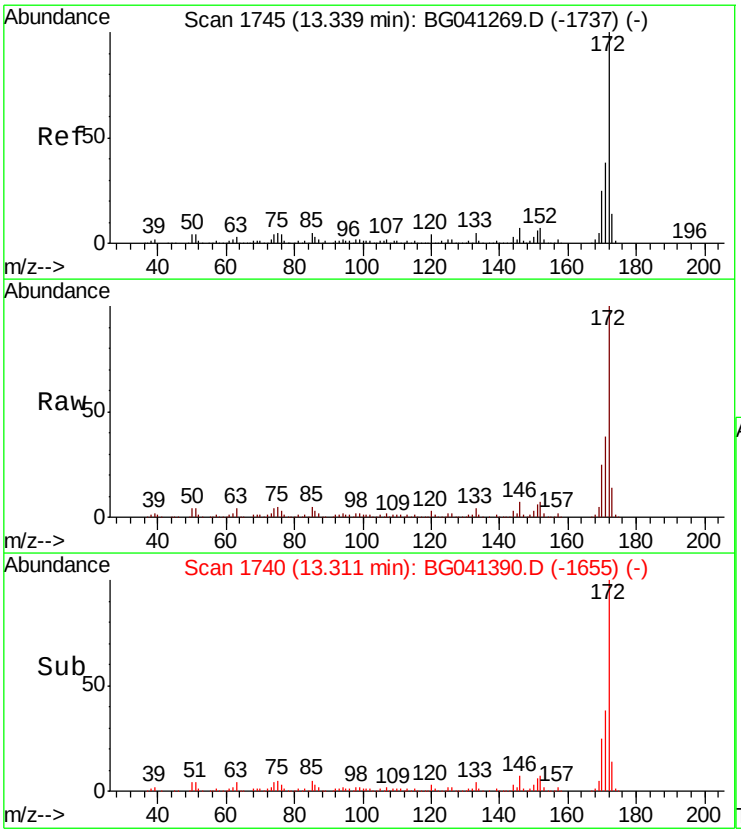
#42
2,4,6-Tribromophenol
Concen: 128.259 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

Tgt Ion:330 Resp: 168174

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.5	113.3
141	36.3	29.0	43.4

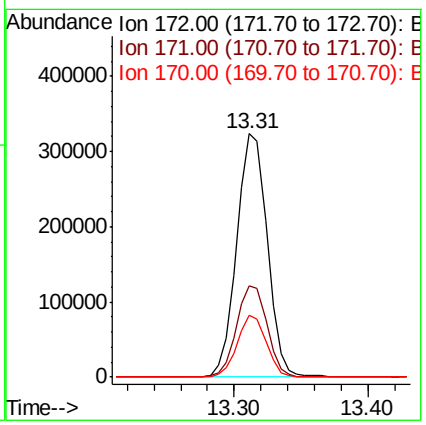


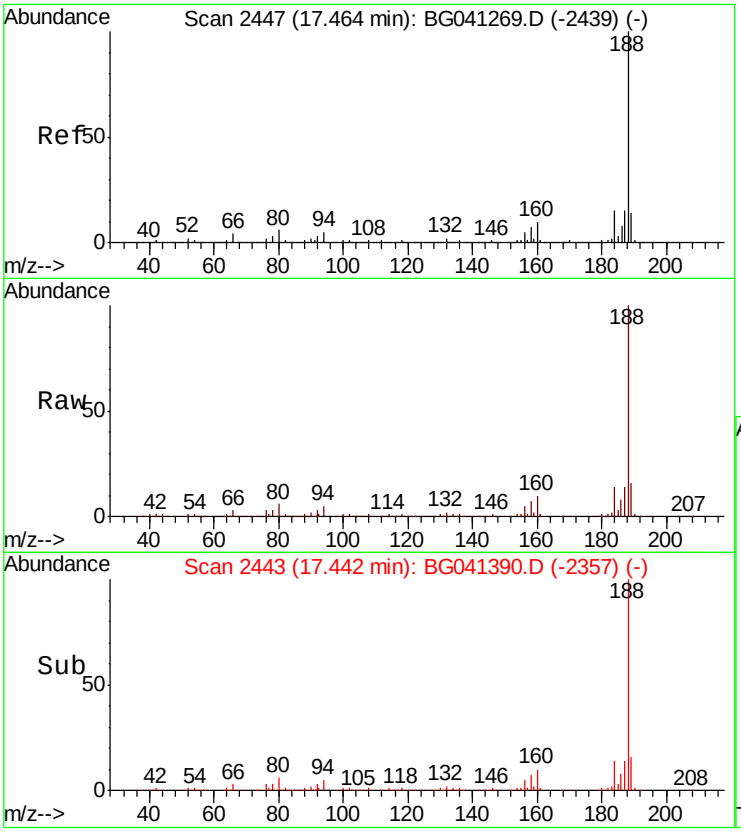


#45
2-Fluorobiphenyl
Concen: 81.421 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.03 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Tgt Ion:172 Resp: 511639

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.2	19.8	29.6



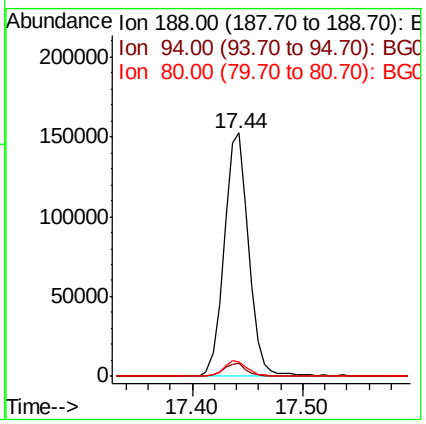


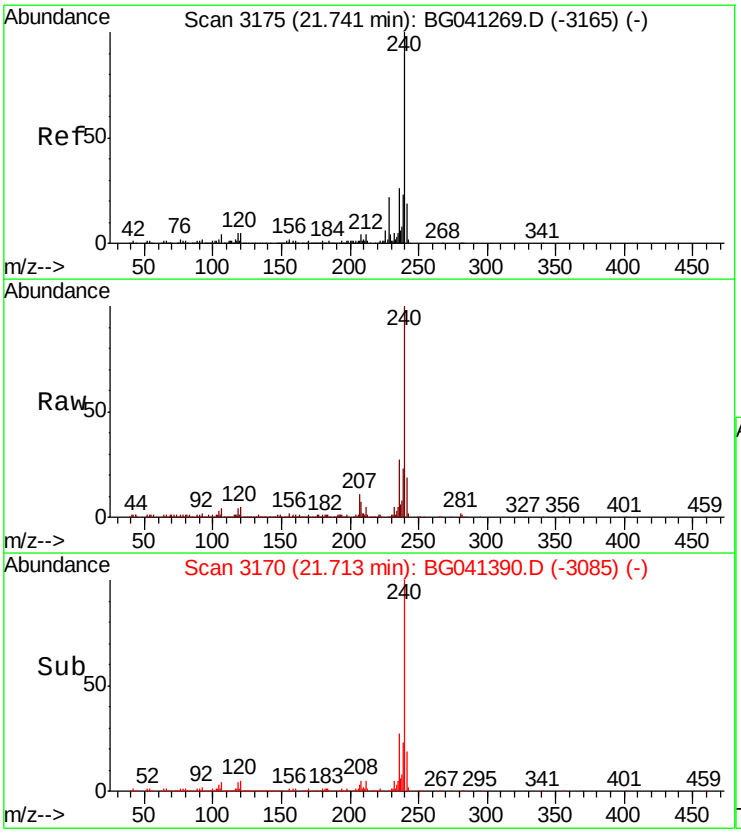
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.02 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

Tgt Ion:188 Resp: 235480

Ion	Ratio	Lower	Upper
188	100		
94	5.3	3.6	5.4
80	6.2	4.8	7.2

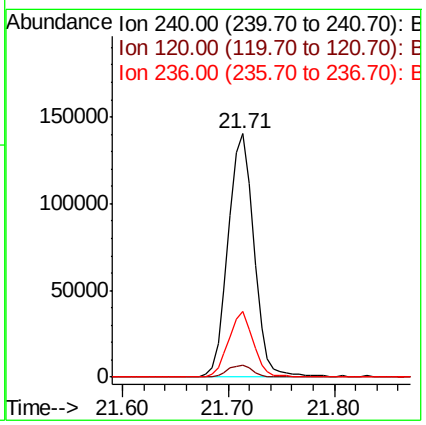


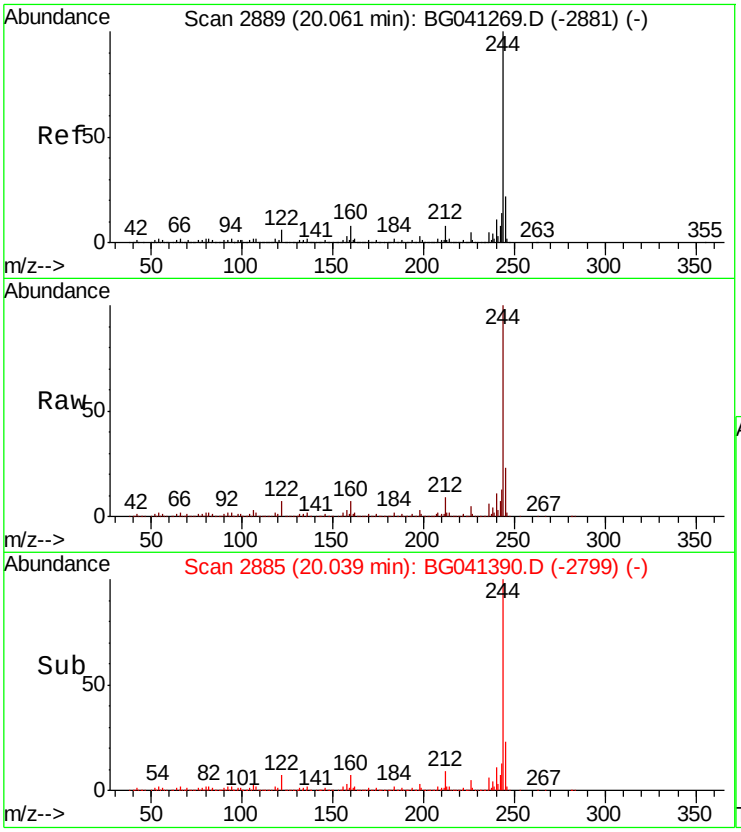


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.03 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Tgt Ion:240 Resp: 237093

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.7	5.5
236	27.0	21.1	31.7



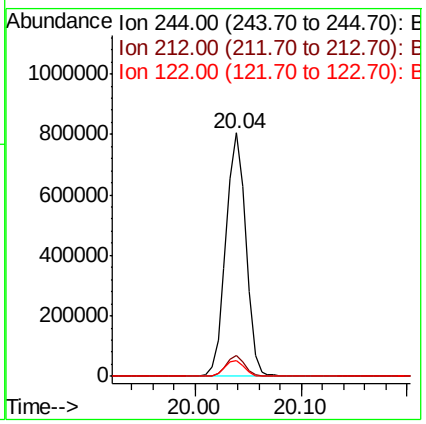


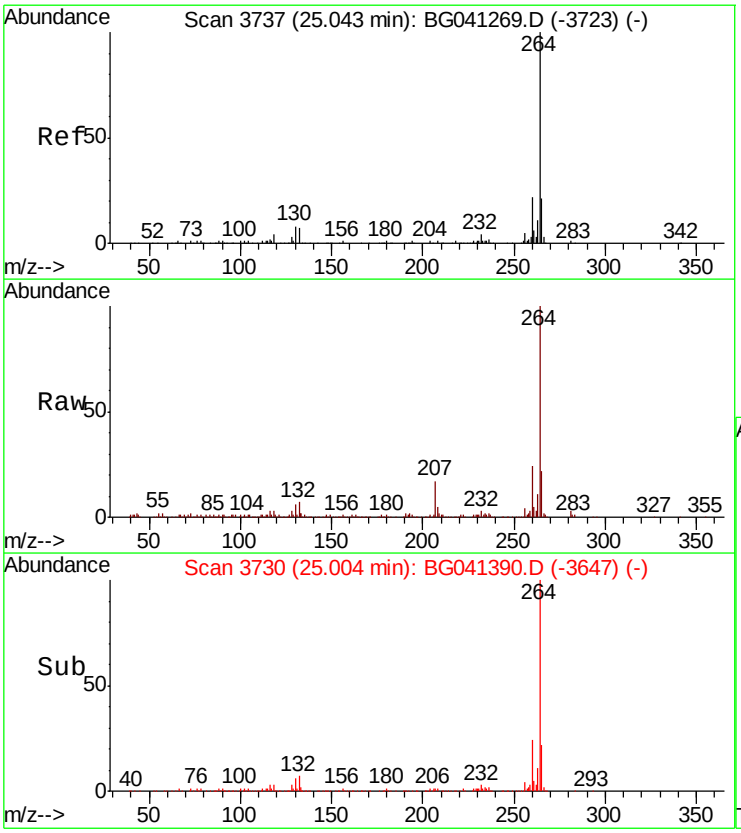
#79
Terphenyl-d14
Concen: 88.112 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.02 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

Tgt Ion:244 Resp: 1054133

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	6.5	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG041390.D
Acq: 21 Jun 2019 23:45

Tgt Ion:264 Resp: 256961

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.2
265	21.9	17.2	25.8