Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032855.D
Acq On : 27 Feb 2018 15:11
Operator : SJ/JU
Sample : J1691-64
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B16

Quant Time: Feb 28 02:57:02 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	78283	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	341448	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	196298	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	460978	20.00	ng	0.00
75) Chrysene-d12	22.61	240	427672	20.00	ng	-0.02
86) Perylene-d12	26.43	264	441381	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	576800	117.88	ng	0.00
7) Phenol-d6	8.02	99	676055	99.12	ng	0.00
23) Nitrobenzene-d5	10.12	82	505306	100.63	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	280757	136.03	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1122962	82.51	ng	0.00
78) Terphenyl-d14	20.78	244	1657922	87.10	ng	0.00
Target Compounds						Qvalue

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

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Quant Time: Feb 28 02:57:02 2018
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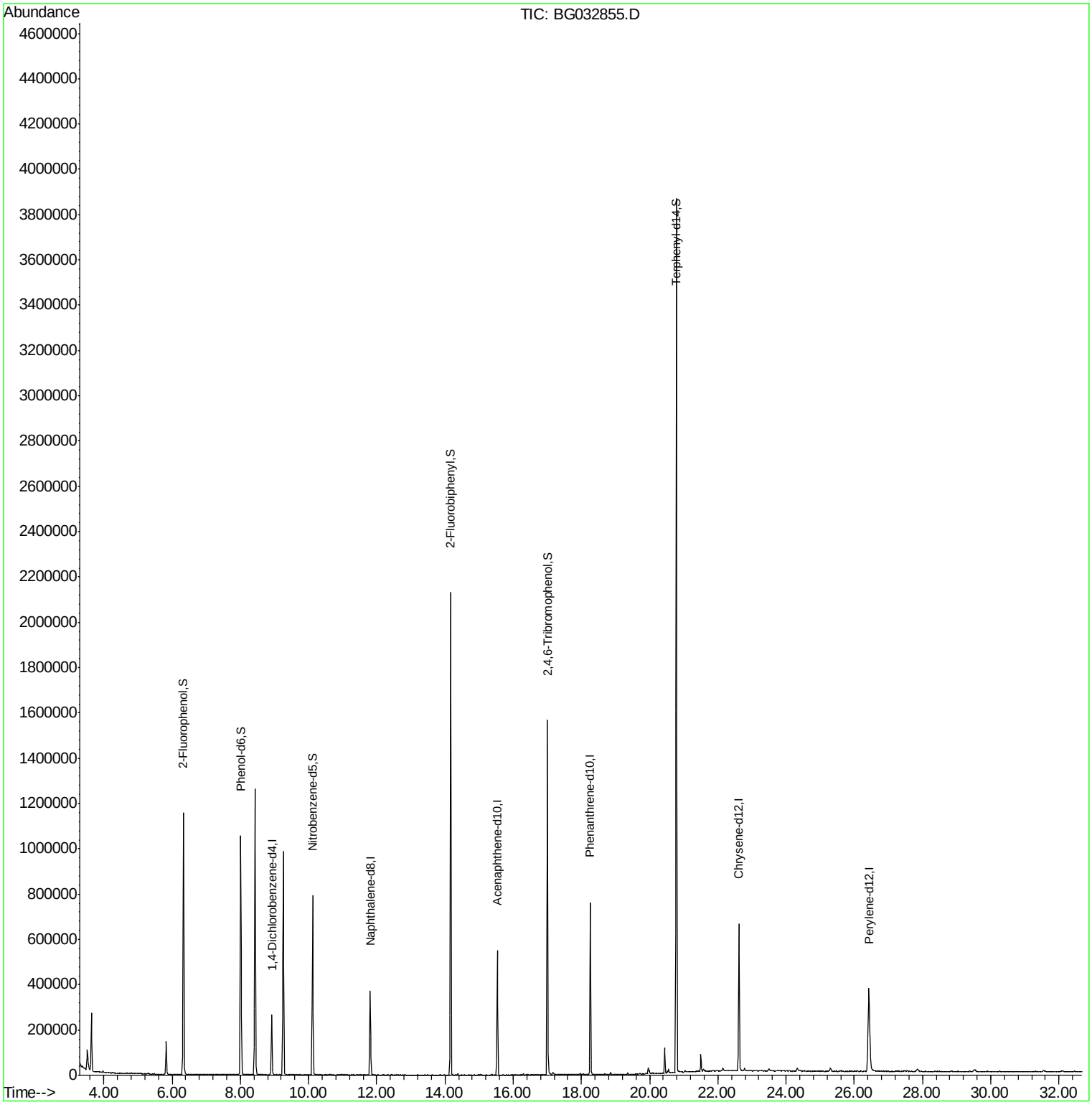
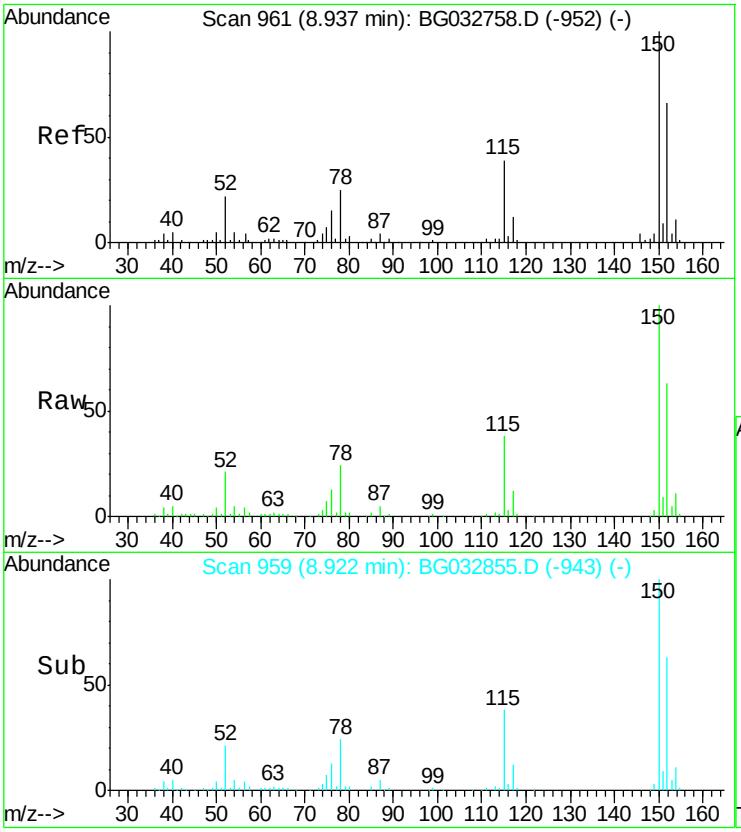
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



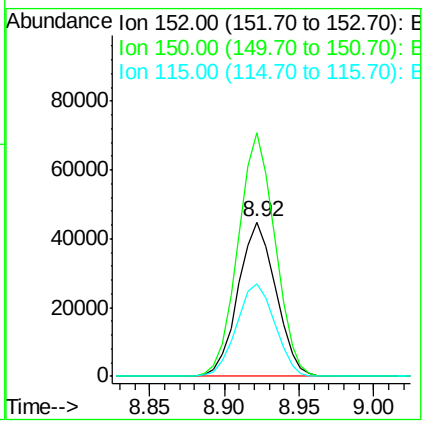


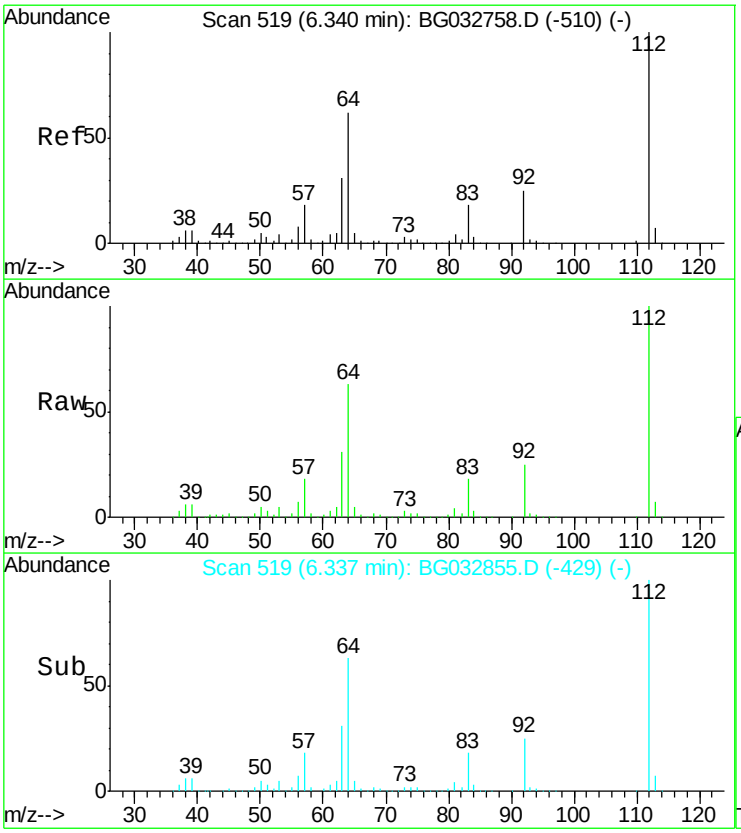
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
B16

Tgt Ion:152 Resp: 78283

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	189.8
115	59.7	53.0	79.4

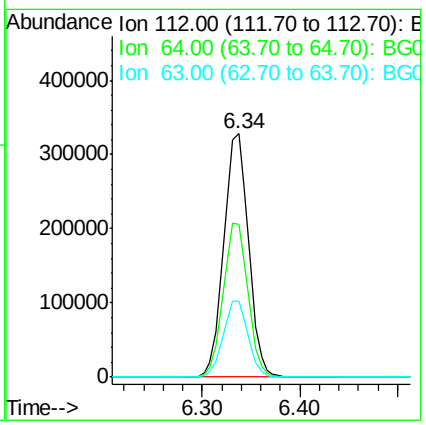


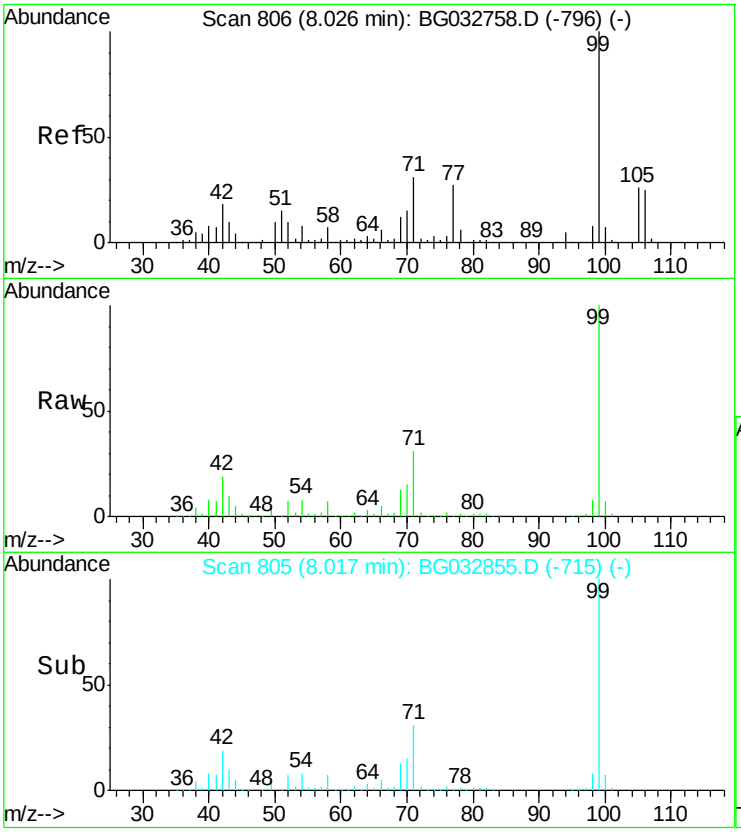


#5
2-Fluorophenol
Concen: 117.880 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Tgt Ion:112 Resp: 576800

Ion	Ratio	Lower	Upper
112	100		
64	62.6	56.3	84.5
63	31.1	30.1	45.1



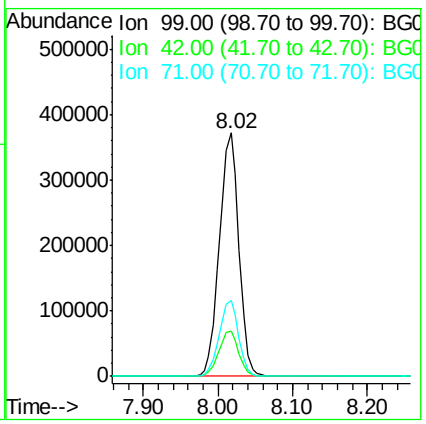


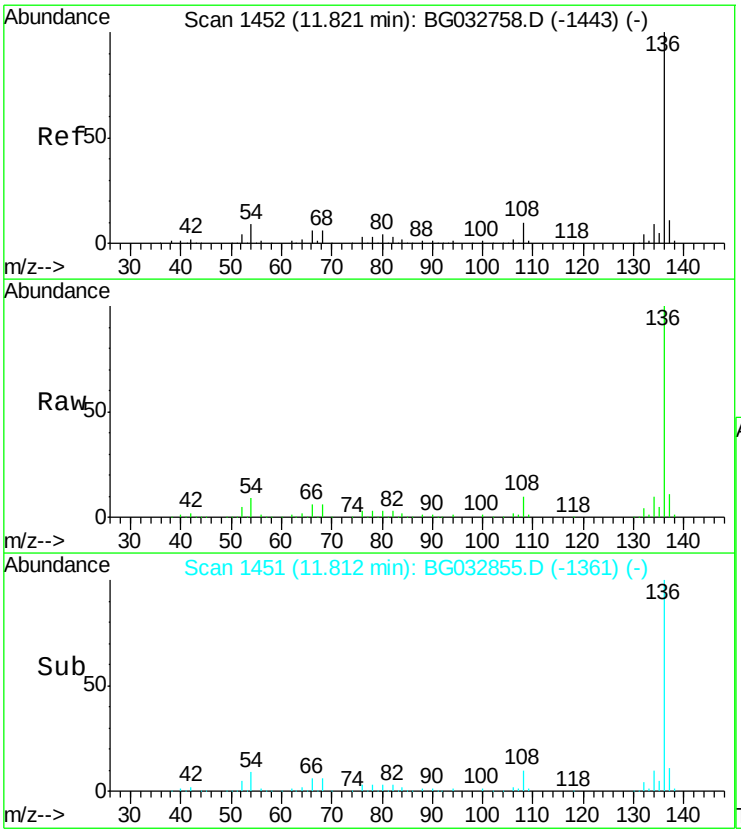
#7
Phenol-d6
Concen: 99.123 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
B16

Tgt Ion: 99 Resp: 676055

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.1	21.1
71	31.4	26.1	39.1

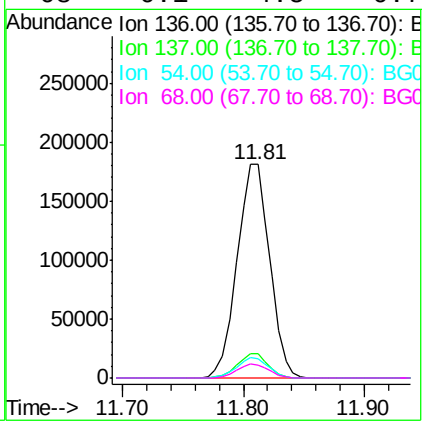


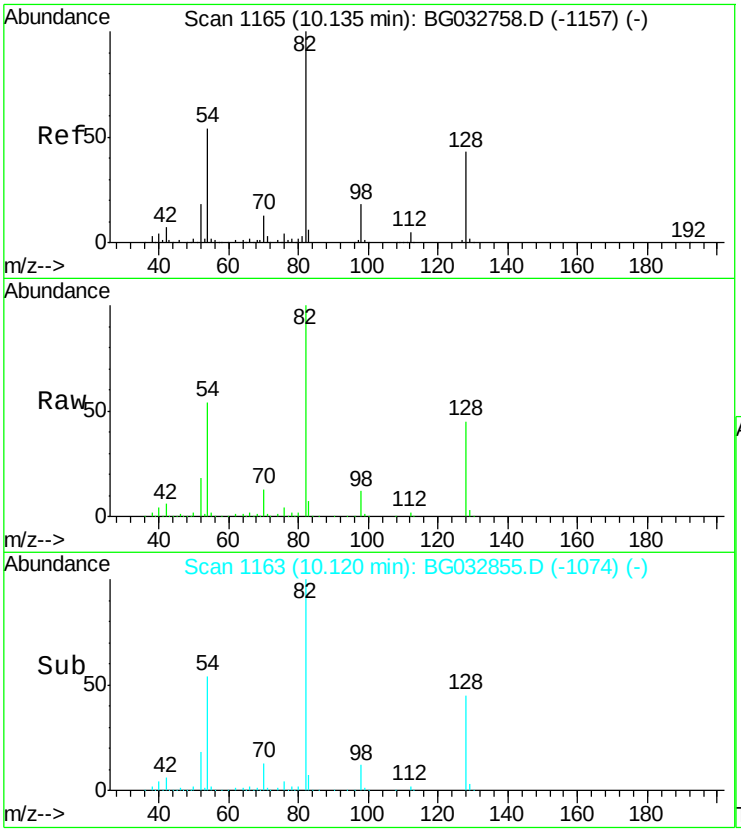


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Tgt Ion:136 Resp: 341448

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	9.1	10.3	15.5#
68	6.1	4.5	6.7



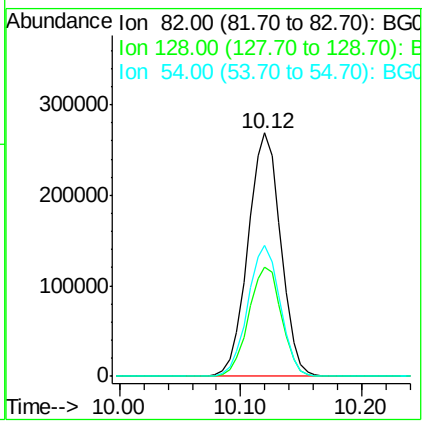


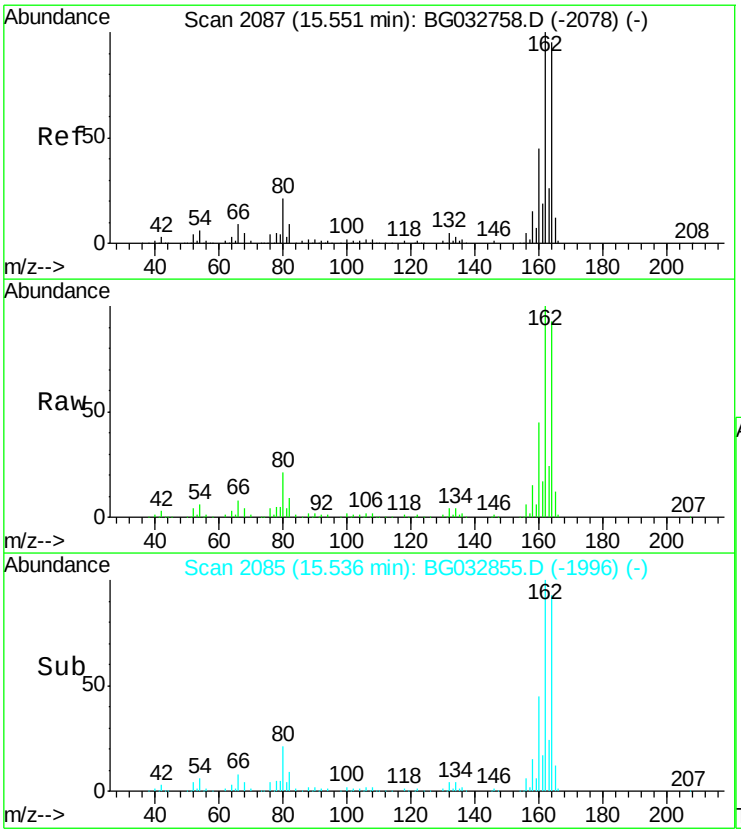
#23
Nitrobenzene-d5
Concen: 100.633 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
B16

Tgt Ion: 82 Resp: 505306

Ion	Ratio	Lower	Upper
82	100		
128	45.0	29.7	44.5#
54	53.6	43.1	64.7

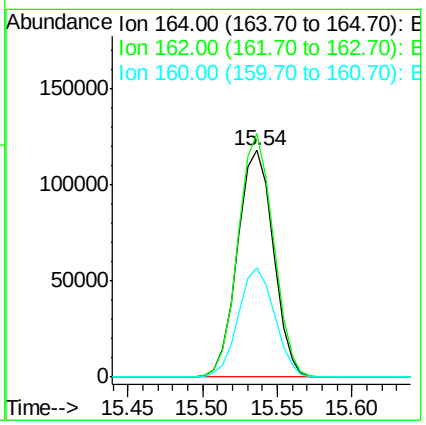


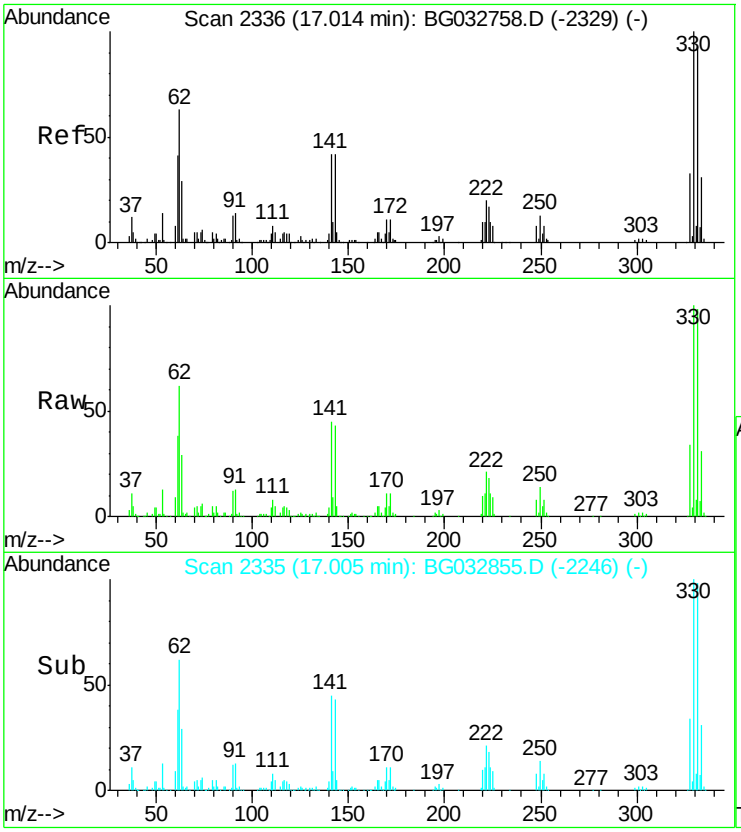


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Tgt Ion:164 Resp: 196298

Ion	Ratio	Lower	Upper
164	100		
162	107.5	78.8	118.2
160	48.5	35.4	53.0



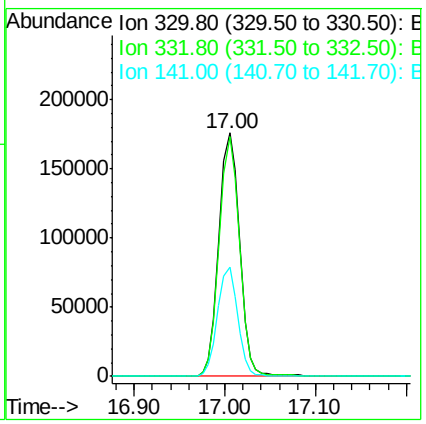


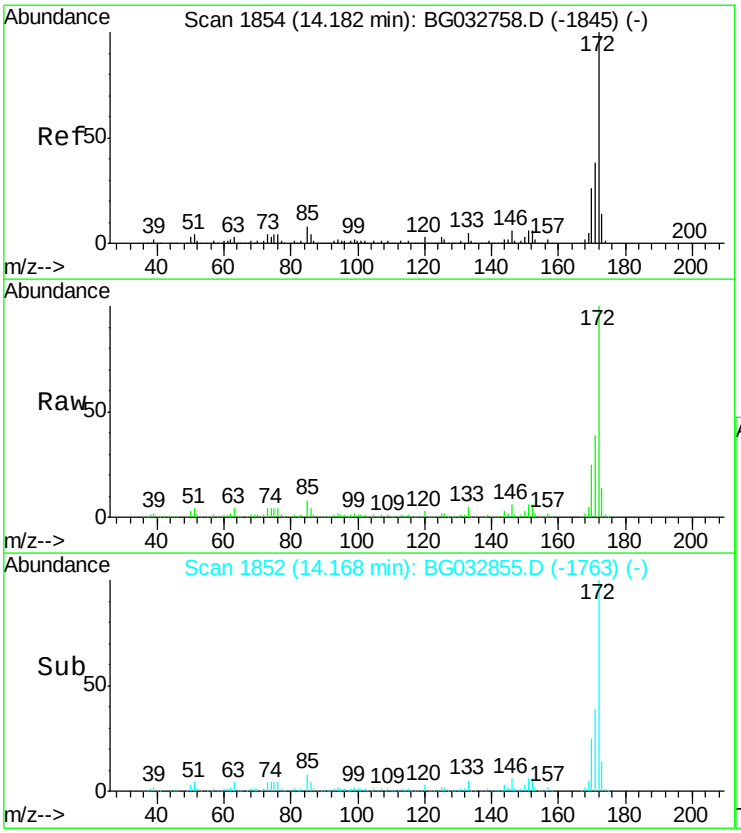
#41
2,4,6-Tribromophenol
Concen: 136.025 ng
RT: 17.00 min Scan# 2335
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
B16

Tgt Ion:330 Resp: 280757

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	43.7	25.2	37.8#

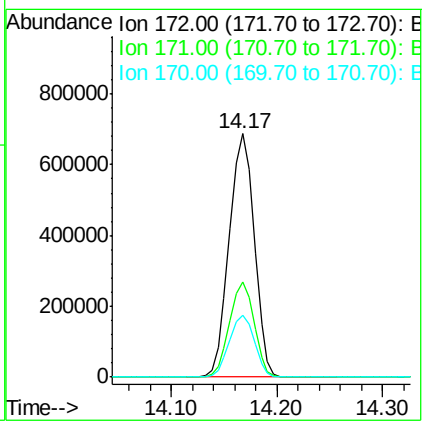


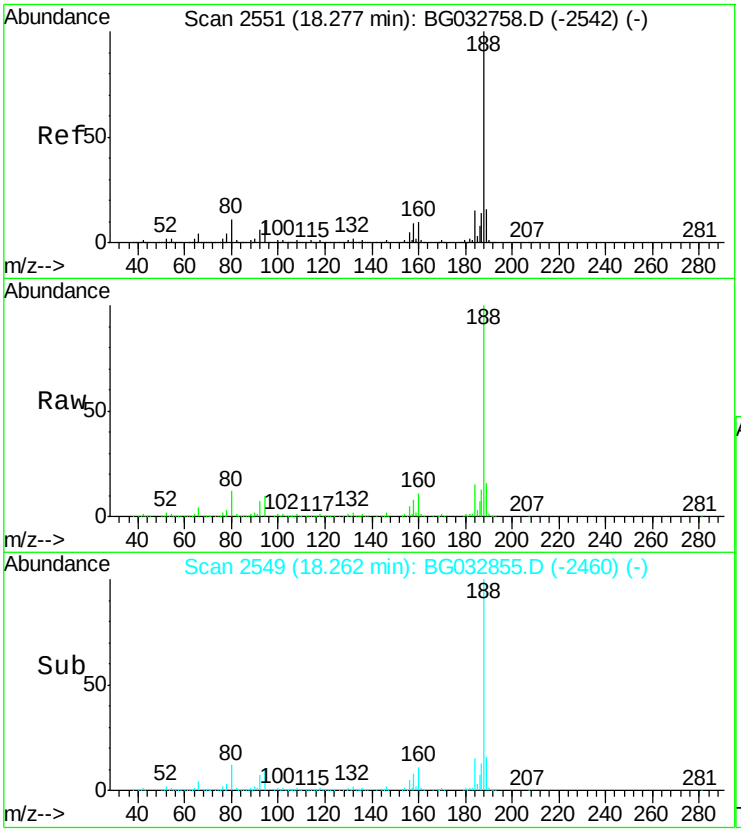


#44
2-Fluorobiphenyl
Concen: 82.507 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Tgt Ion:172 Resp: 1122962

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	25.4	19.5	29.3



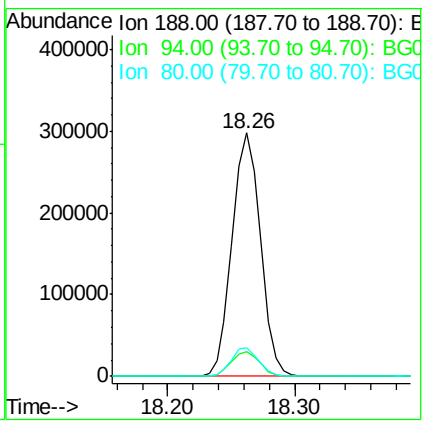


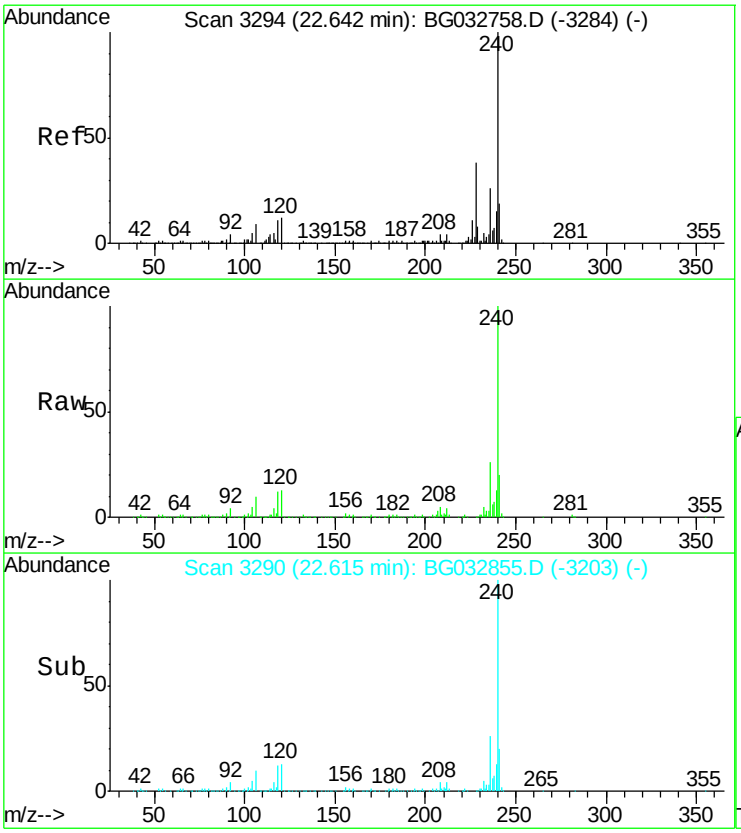
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
B16

Tgt Ion:188 Resp: 460978

Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.9	10.3
80	11.7	7.7	11.5#

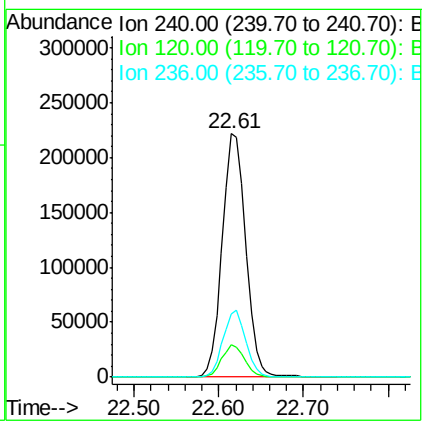


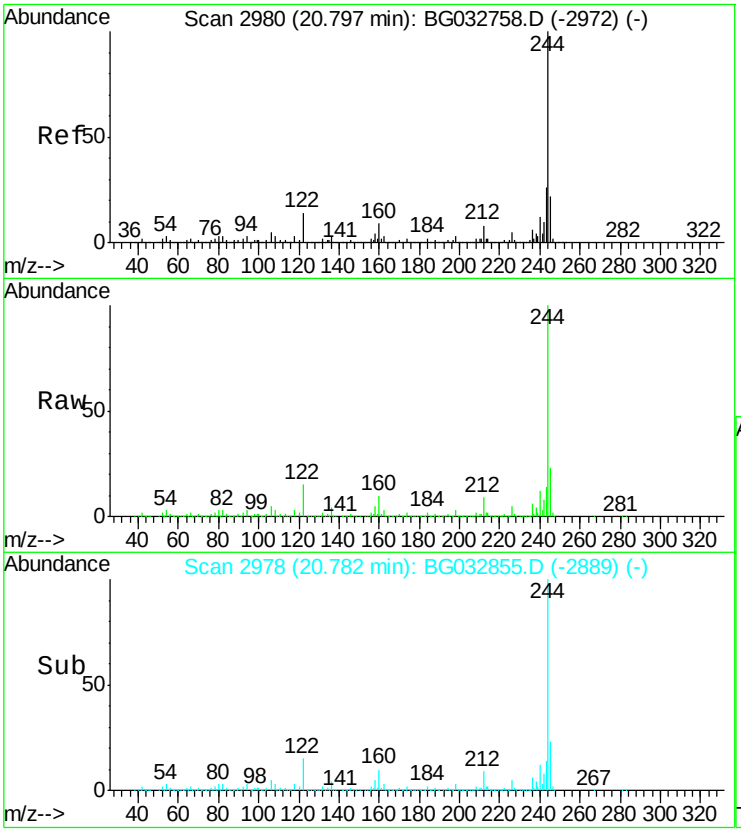


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3290
Delta R.T. -0.02 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Tgt Ion:240 Resp: 427672

Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.8	10.2#
236	26.0	20.9	31.3



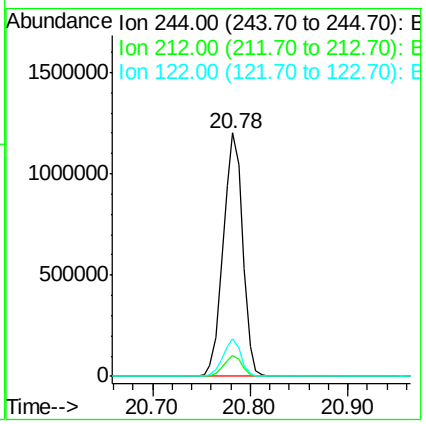


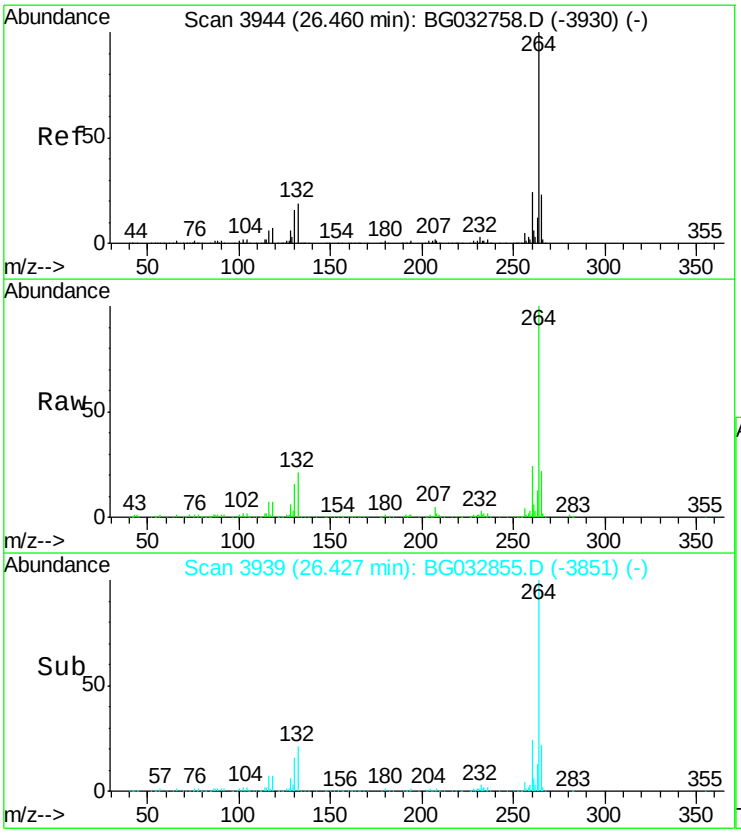
#78
Terphenyl-d14
Concen: 87.097 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :
B16

Tgt Ion:244 Resp: 1657922

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	15.2	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Tgt Ion:264 Resp: 441381

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.0	17.7	26.5