Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
Data File : BG025466.D
Acq On : 11 Jan 2017 00:17
Operator : UM/SJ
Sample : I1077-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-04

Quant Time: Jan 11 09:31:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	52814	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	232047	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	385798m	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	432548	20.00	ng	0.00
75) Chrysene-d12	21.87	240	587772	20.00	ng	0.00
86) Perylene-d12	25.26	264	638632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	252897	87.04	ng	0.00
7) Phenol-d6	7.36	99	219360	53.61	ng	0.00
23) Nitrobenzene-d5	9.39	82	584226	111.22	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	508884	81.93	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1265025	53.09	ng	0.00
78) Terphenyl-d14	20.16	244	2223004	100.28	ng	0.00
Target Compounds						Qvalue

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

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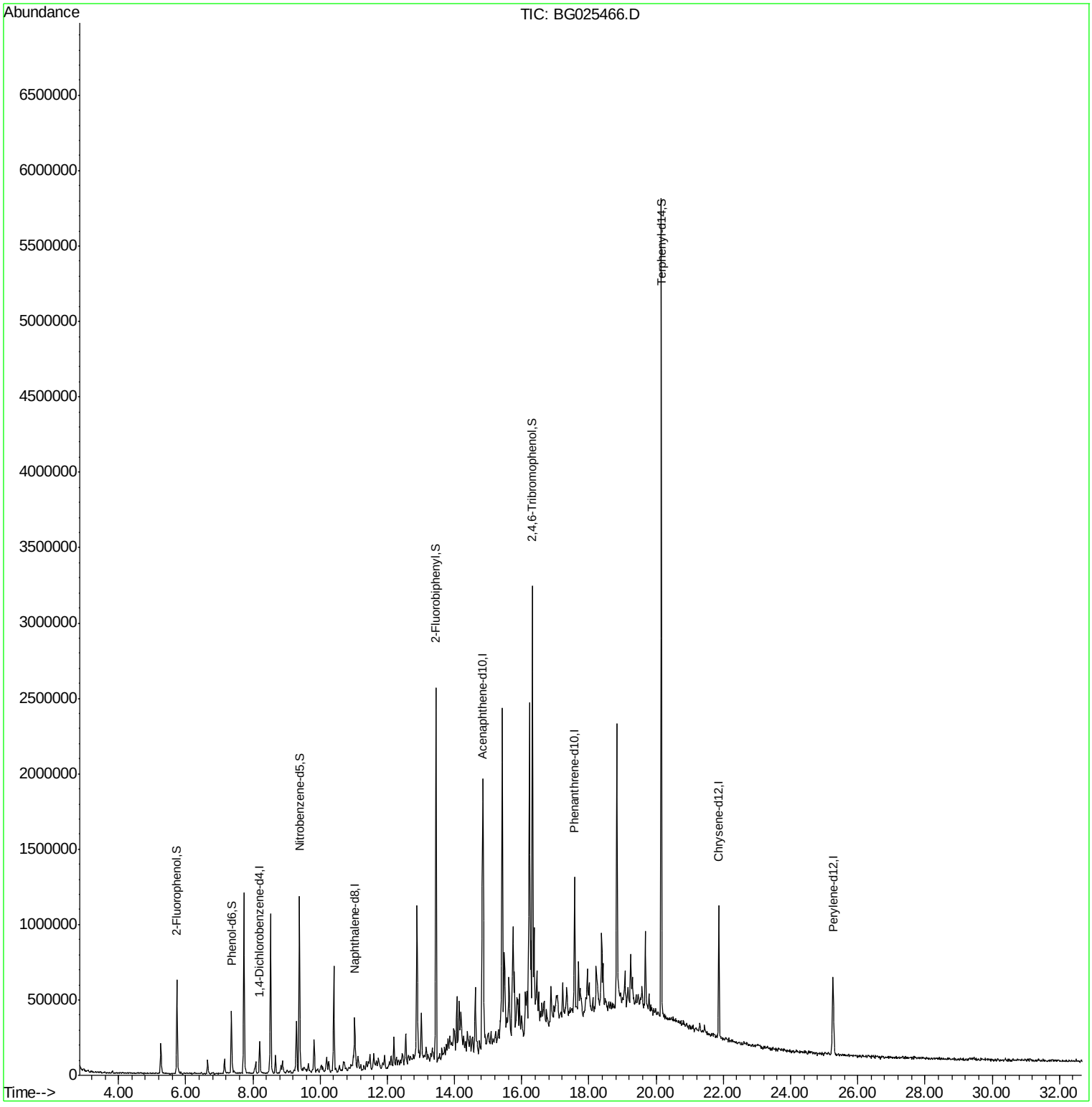
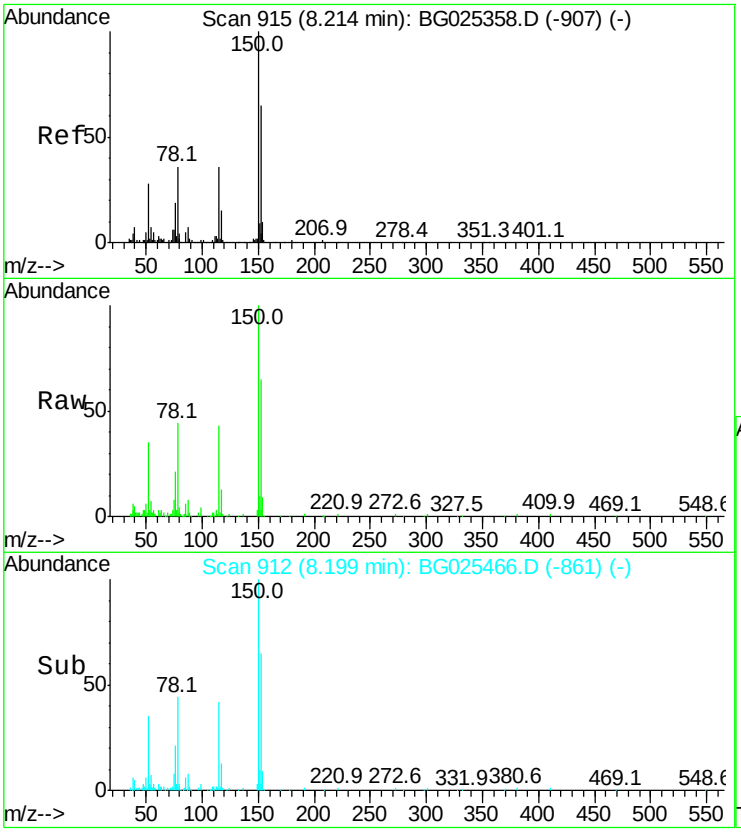


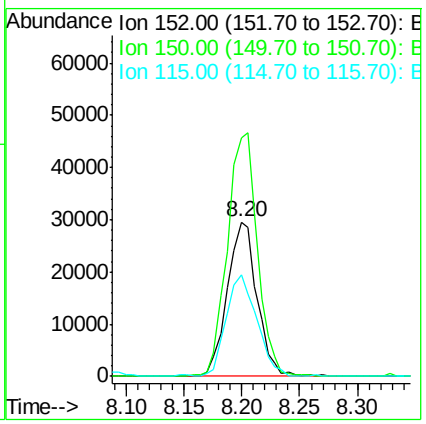


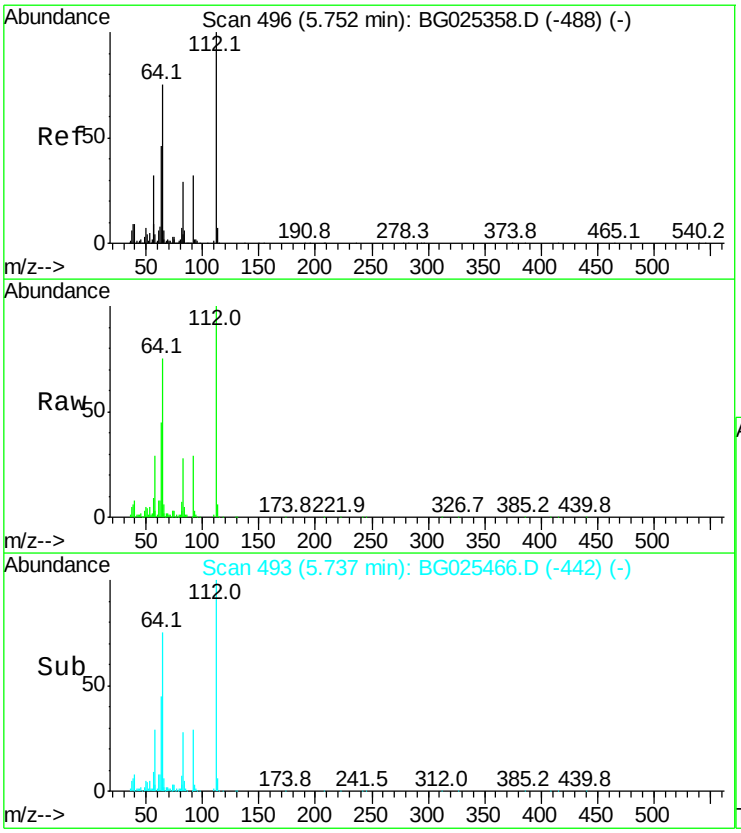
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. 0.00 min
Lab File: BG025466.D
Acq: 11 Jan 2017 00:17

Instrument :
BNA_G
ClientSampleId :
W-04

Tgt Ion:152 Resp: 52814

Ion	Ratio	Lower	Upper
152	100		
150	154.4	114.0	171.0
115	66.0	48.1	72.1

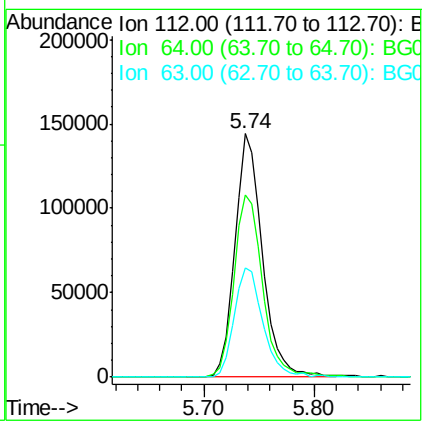


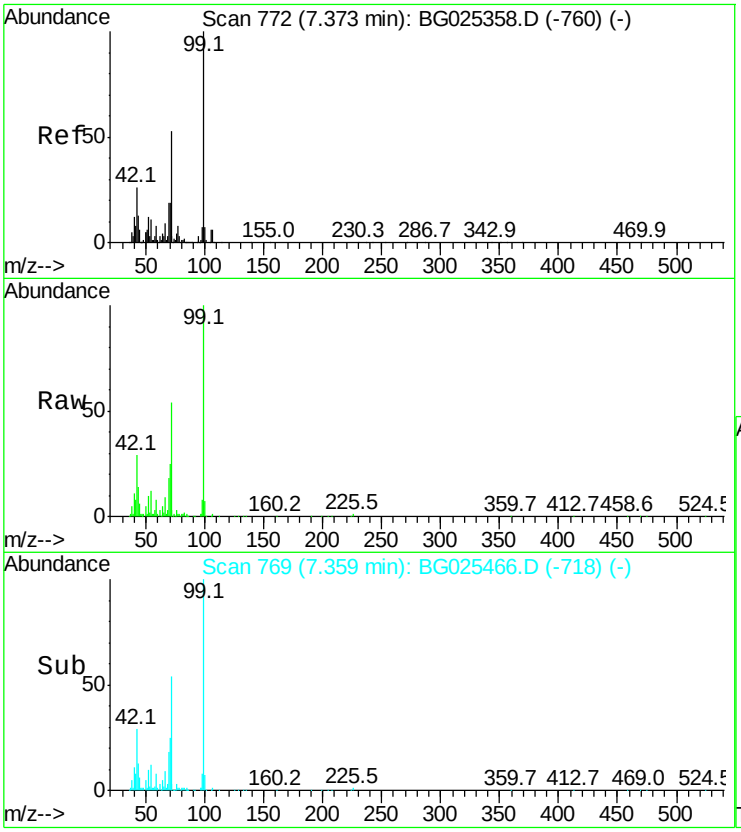


#5
2-Fluorophenol
Concen: 87.04 ng
RT: 5.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: BG025466.D
Acq: 11 Jan 2017 00:17

Tgt Ion:112 Resp: 252897

Ion	Ratio	Lower	Upper
112	100		
64	75.0	61.8	92.6
63	44.7	37.2	55.8



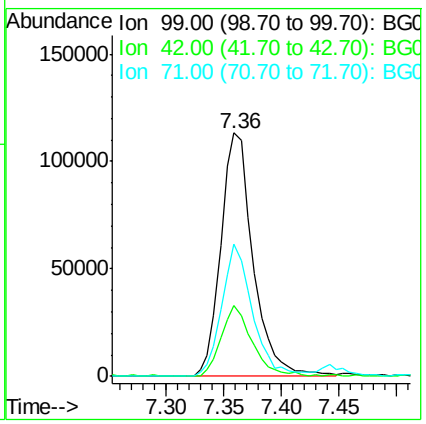


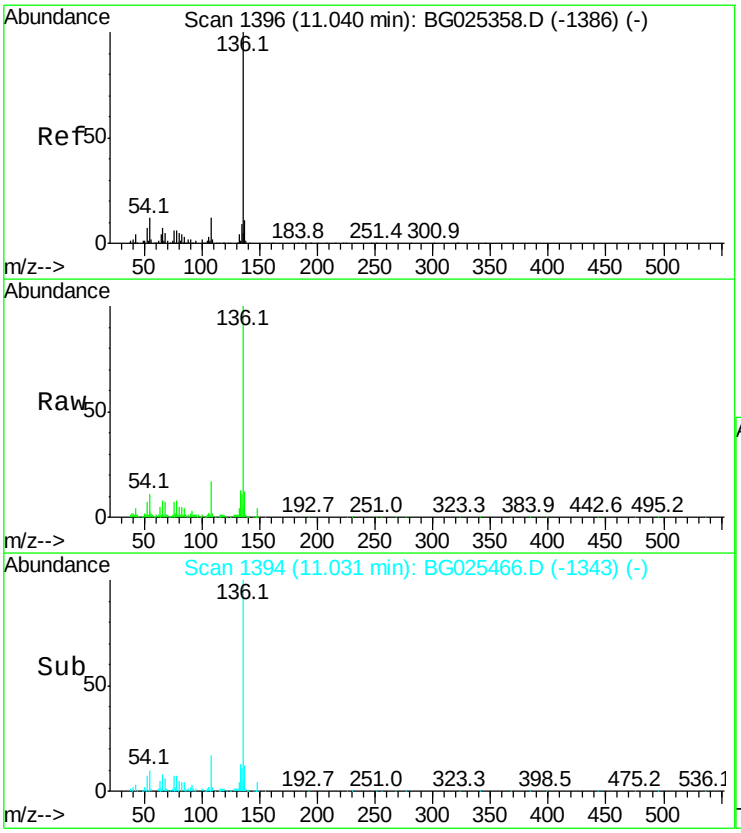
#7
Phenol-d6
Concen: 53.61 ng
RT: 7.36 min Scan# 769
Delta R.T. 0.00 min
Lab File: BG025466.D
Acq: 11 Jan 2017 00:17

Instrument :
BNA_G
ClientSampleId :
W-04

Tgt Ion: 99 Resp: 219360

Ion	Ratio	Lower	Upper
99	100		
42	29.3	20.5	30.7
71	54.2	37.6	56.4

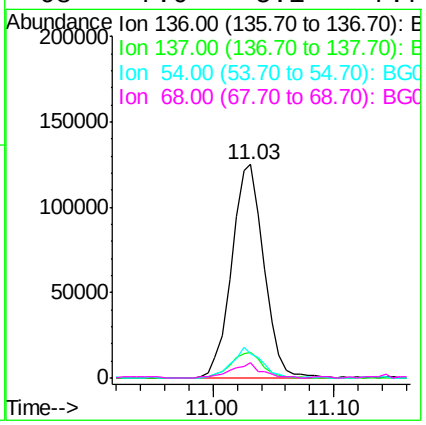


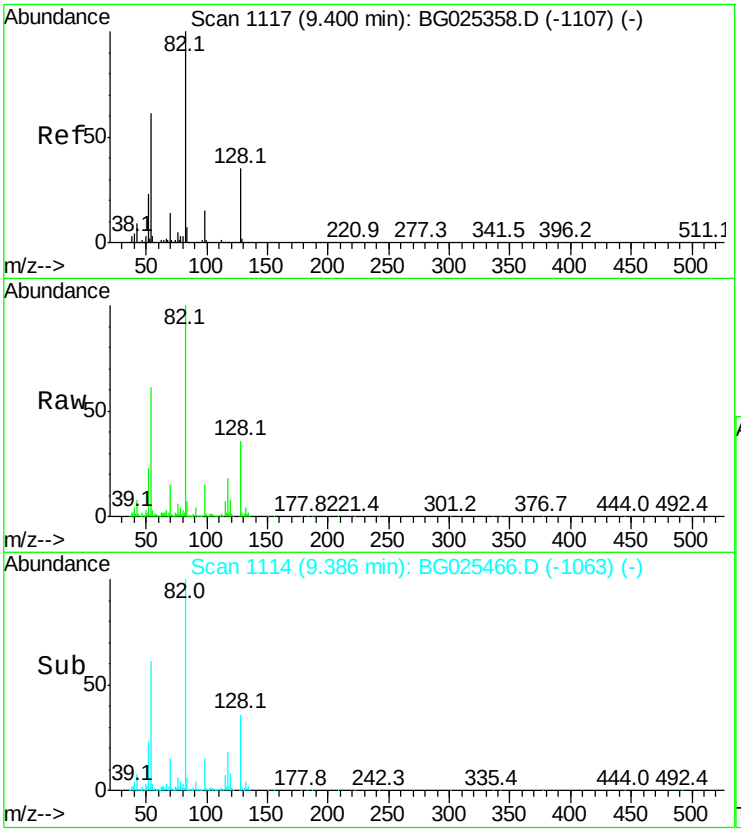


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG025466.D
Acq: 11 Jan 2017 00:17

Tgt Ion:136 Resp: 232047

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	11.1	9.3	13.9
68	7.0	5.1	7.7



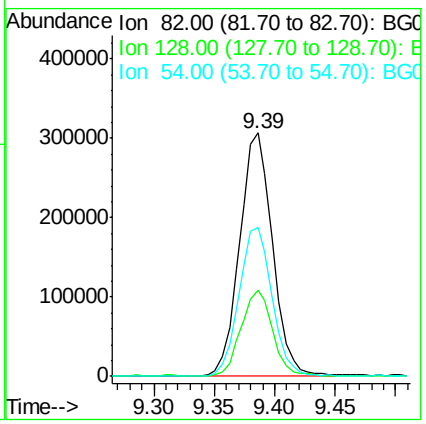


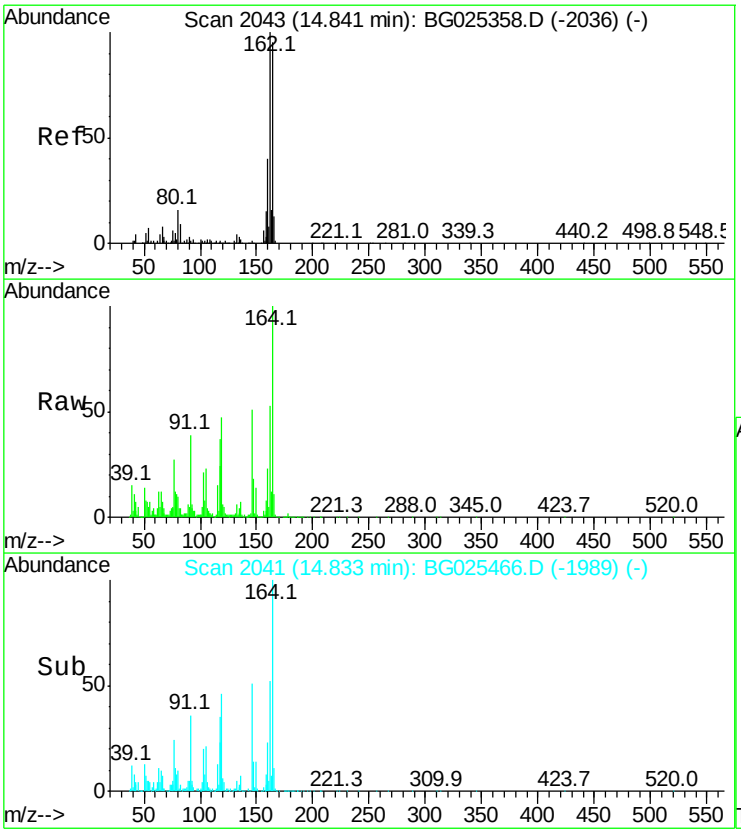
#23
Nitrobenzene-d5
Concen: 111.22 ng
RT: 9.39 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG025466.D
Acq: 11 Jan 2017 00:17

Instrument :
BNA_G
ClientSampleId :
W-04

Tgt Ion: 82 Resp: 584226

Ion	Ratio	Lower	Upper
82	100		
128	35.6	26.4	39.6
54	61.2	49.4	74.2

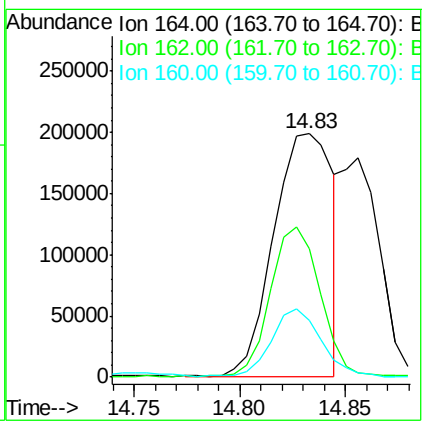


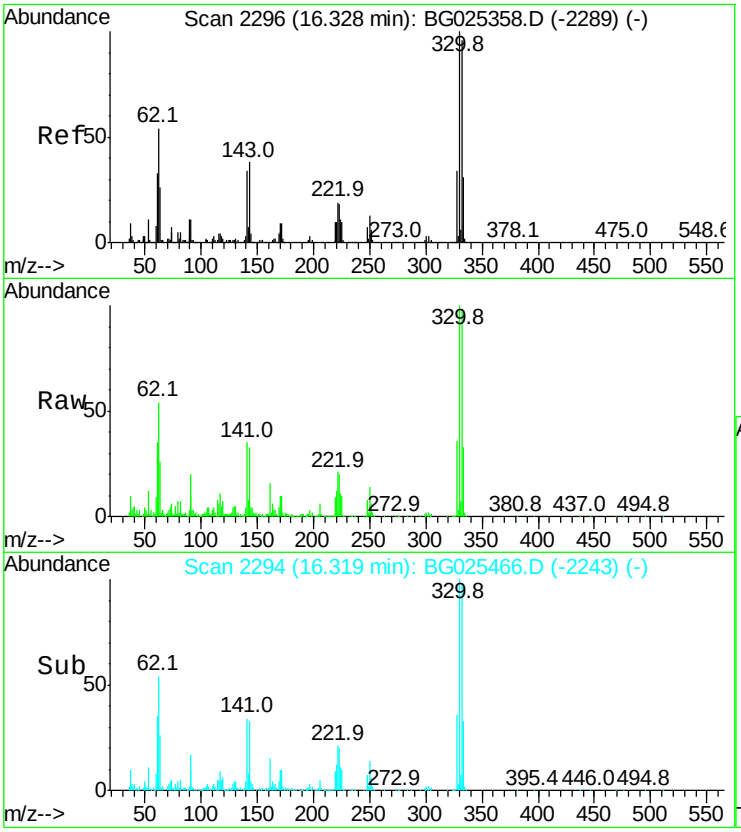


#38
Acenaphthene-d10
Concen: 20.00 ng m
RT: 14.83 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BG025466.D
Acq: 11 Jan 2017 00:17

Tgt Ion:164 Resp: 385798

Ion	Ratio	Lower	Upper
164	100		
162	52.8	85.1	127.7#
160	23.3	34.7	52.1#



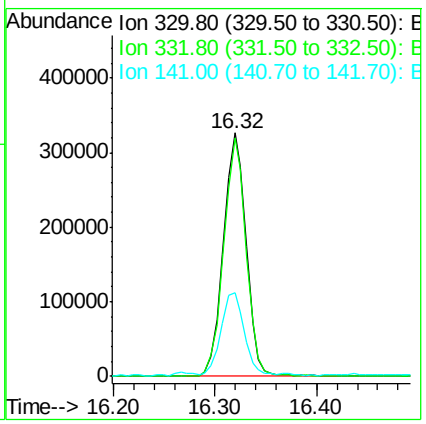


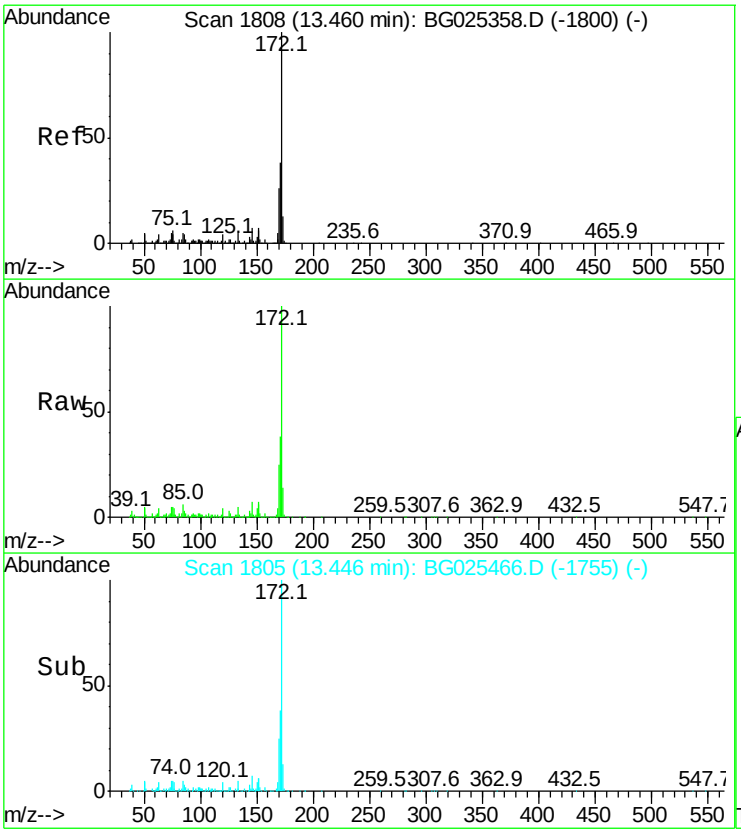
#41
2,4,6-Tribromophenol
Concen: 81.93 ng
RT: 16.32 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG025466.D
Acq: 11 Jan 2017 00:17

Instrument :
BNA_G
ClientSampleId :
W-04

Tgt Ion:330 Resp: 508884

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	33.7	32.1	48.1

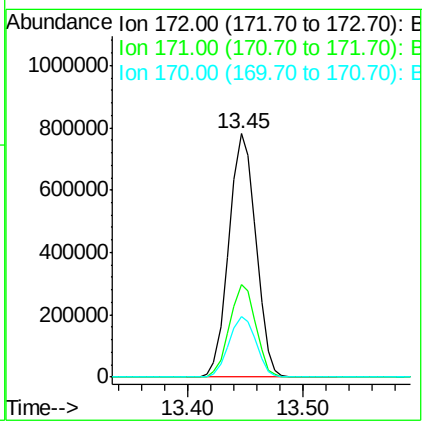


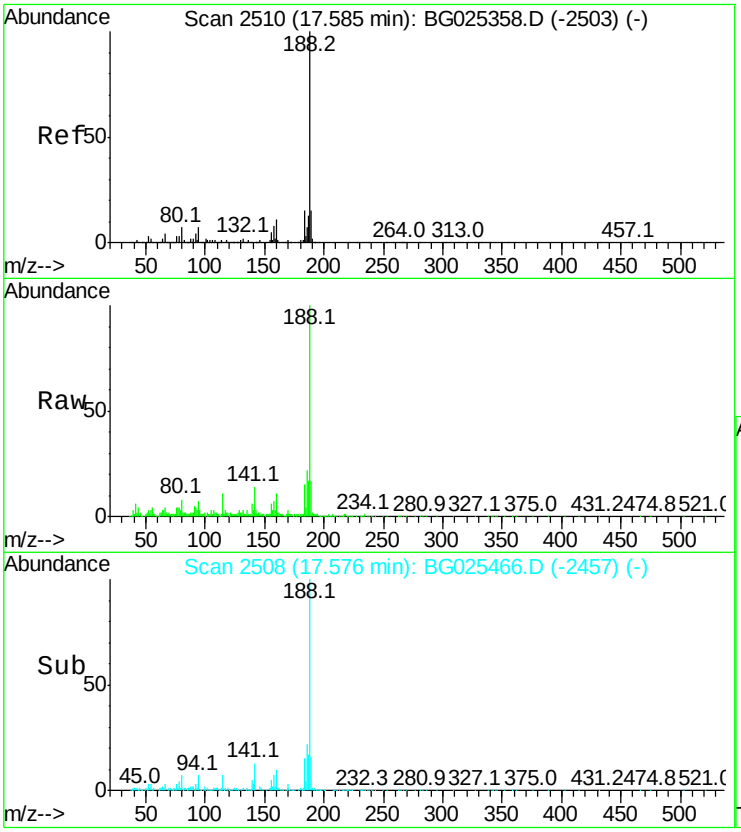


#44
2-Fluorobiphenyl
Concen: 53.09 ng
RT: 13.45 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG025466.D
Acq: 11 Jan 2017 00:17

Tgt Ion:172 Resp: 1265025

Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	24.8	21.8	32.6



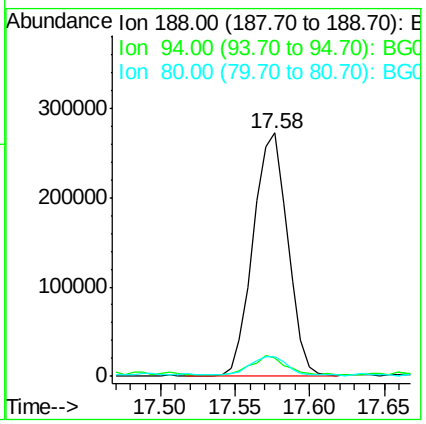


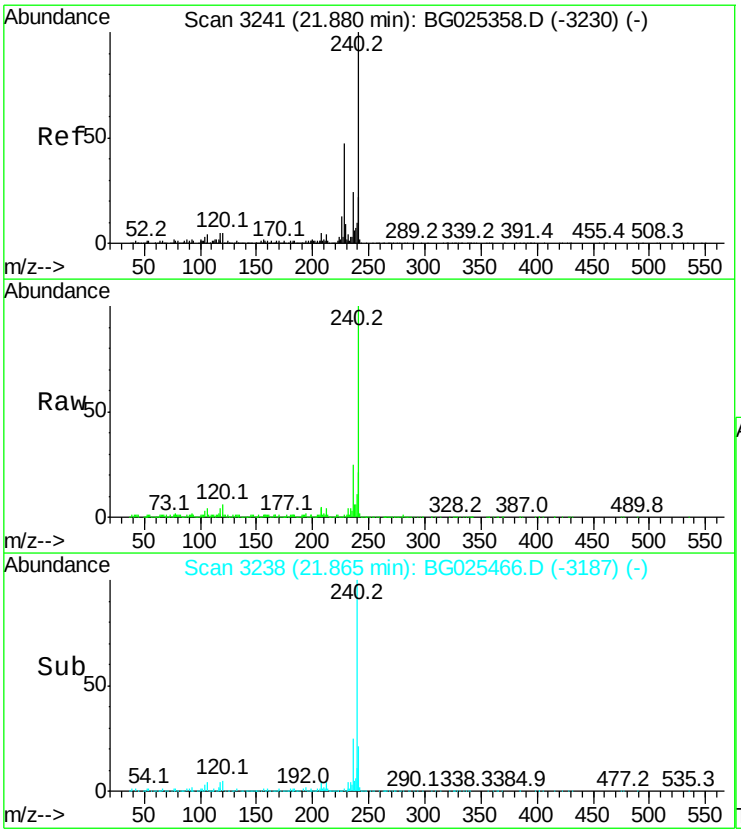
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG025466.D
Acq: 11 Jan 2017 00:17

Instrument :
BNA_G
ClientSampleId :
W-04

Tgt Ion:188 Resp: 432548

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.8
80	7.9	7.5	11.3

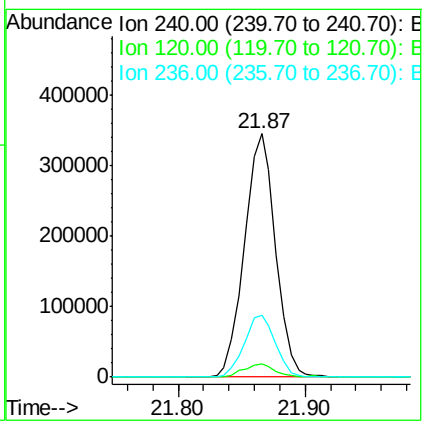


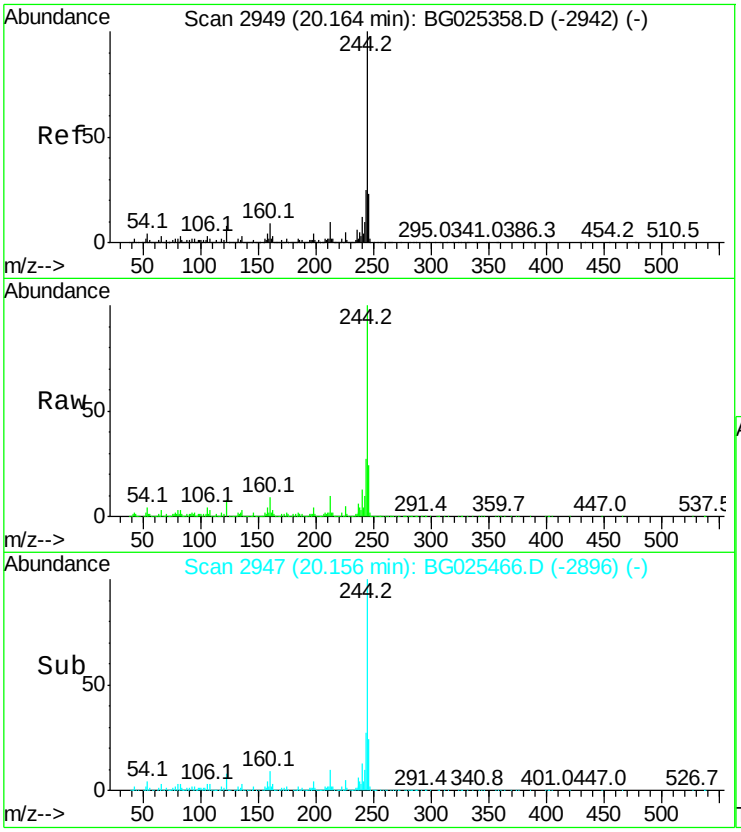


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG025466.D
Acq: 11 Jan 2017 00:17

Tgt Ion:240 Resp: 587772

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	25.2	22.2	33.4



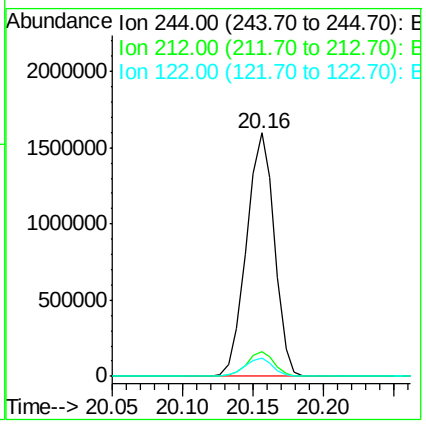


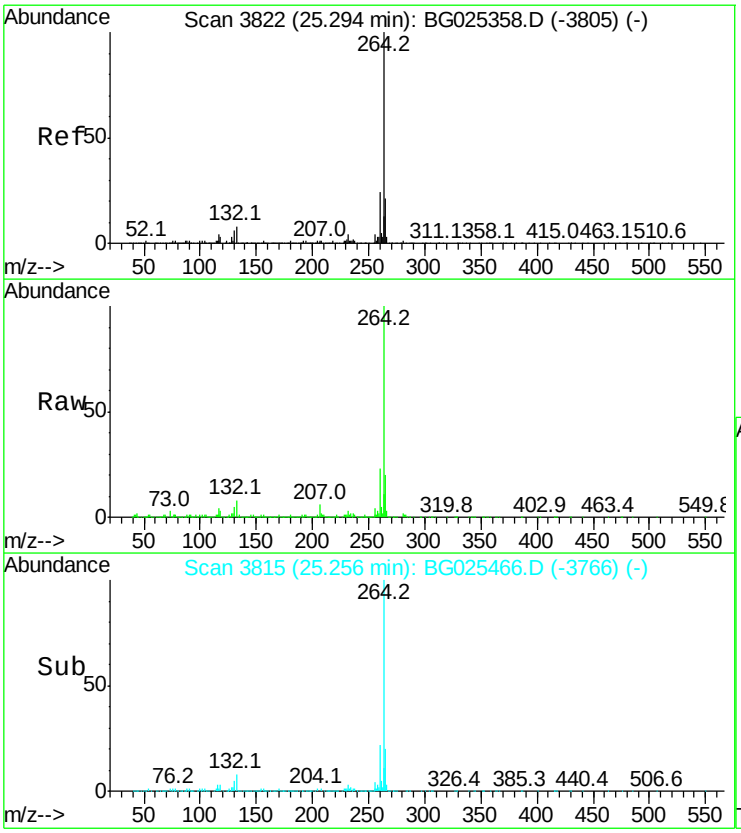
#78
Terphenyl-d14
Concen: 100.28 ng
RT: 20.16 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG025466.D
Acq: 11 Jan 2017 00:17

Instrument :
BNA_G
ClientSampleId :
W-04

Tgt Ion:244 Resp: 2223004

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.0	15.0
122	7.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BG025466.D
Acq: 11 Jan 2017 00:17

Tgt Ion:264 Resp: 638632

Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	20.2	18.2	27.4