Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025497.D
Acq On : 13 Jan 2017 00:54
Operator : UM/SJ
Sample : I1125-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-23

Quant Time: Jan 13 05:00:02 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	59574	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	262238	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	209772	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	472773	20.00	ng	0.00
75) Chrysene-d12	21.86	240	680418	20.00	ng	0.00
86) Perylene-d12	25.26	264	726133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	246148	75.10	ng	0.00
7) Phenol-d6	7.36	99	213245	46.20	ng	0.00
23) Nitrobenzene-d5	9.38	82	578053	97.38	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	529383	156.75	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1265884	97.70	ng	0.00
78) Terphenyl-d14	20.15	244	2406297	93.77	ng	0.00
Target Compounds						Qvalue

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

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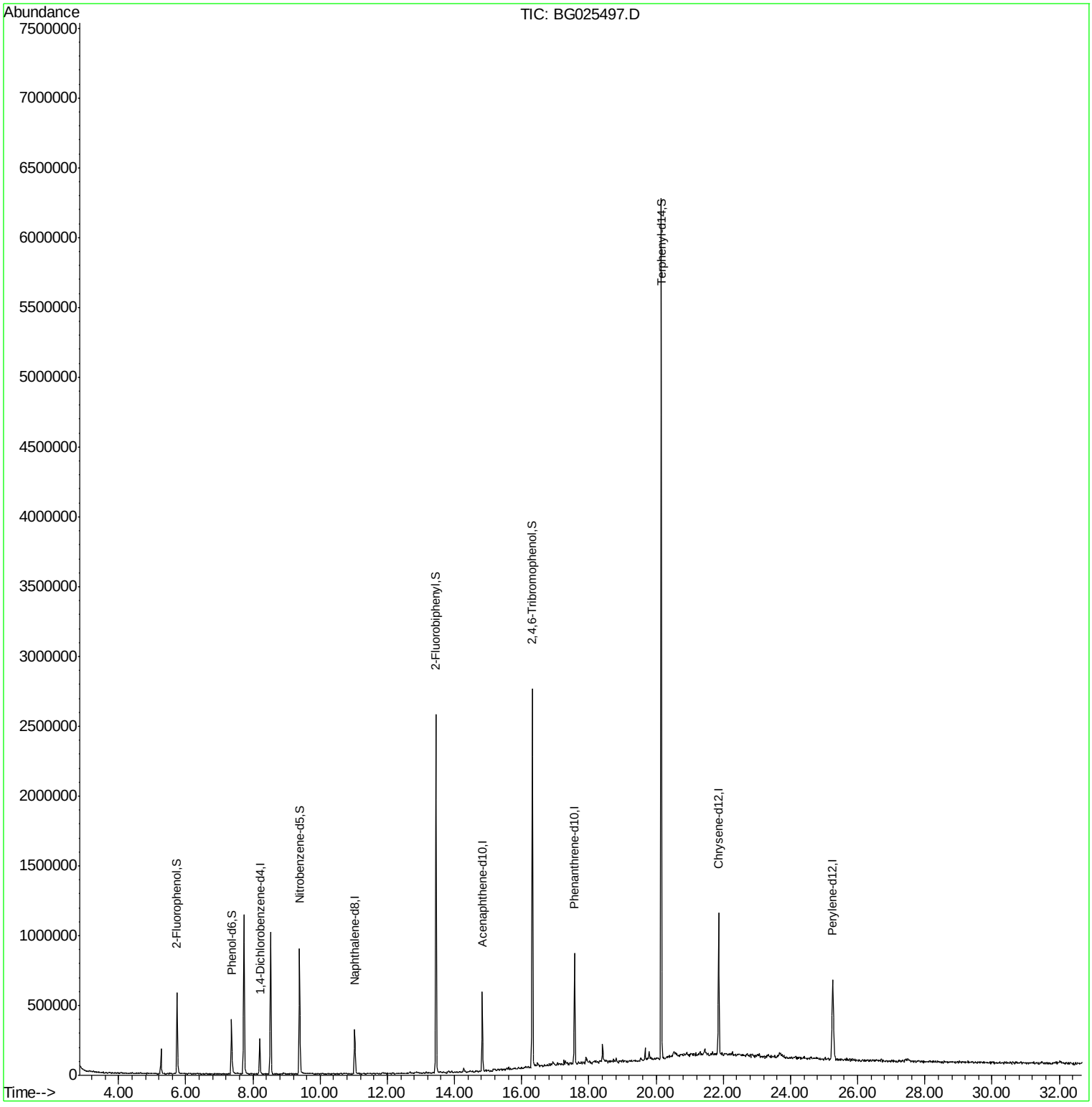
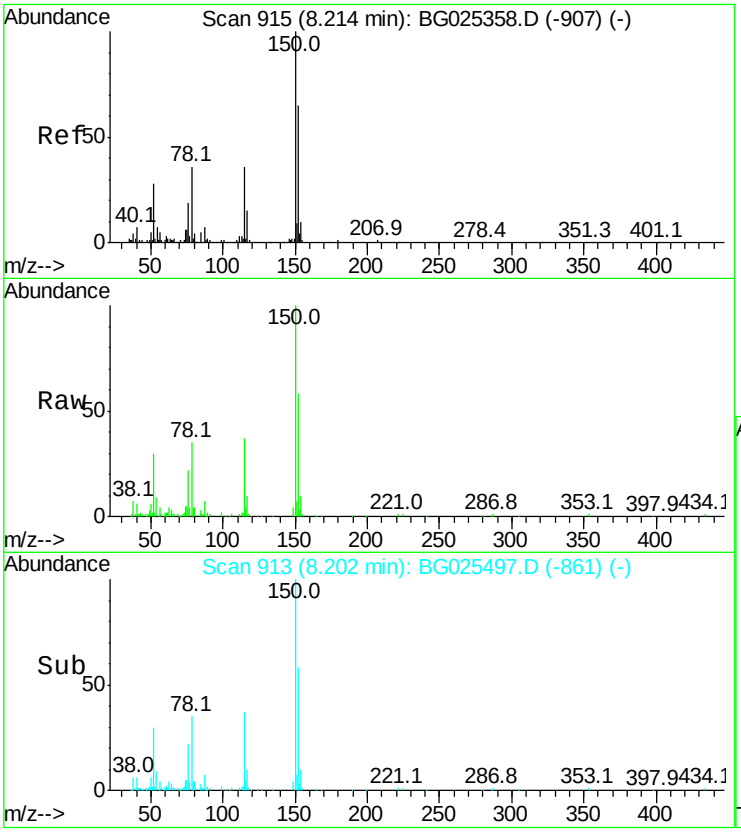


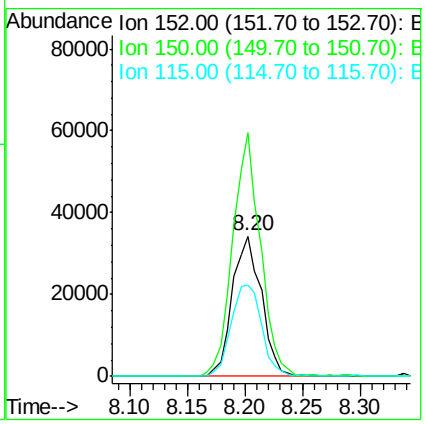


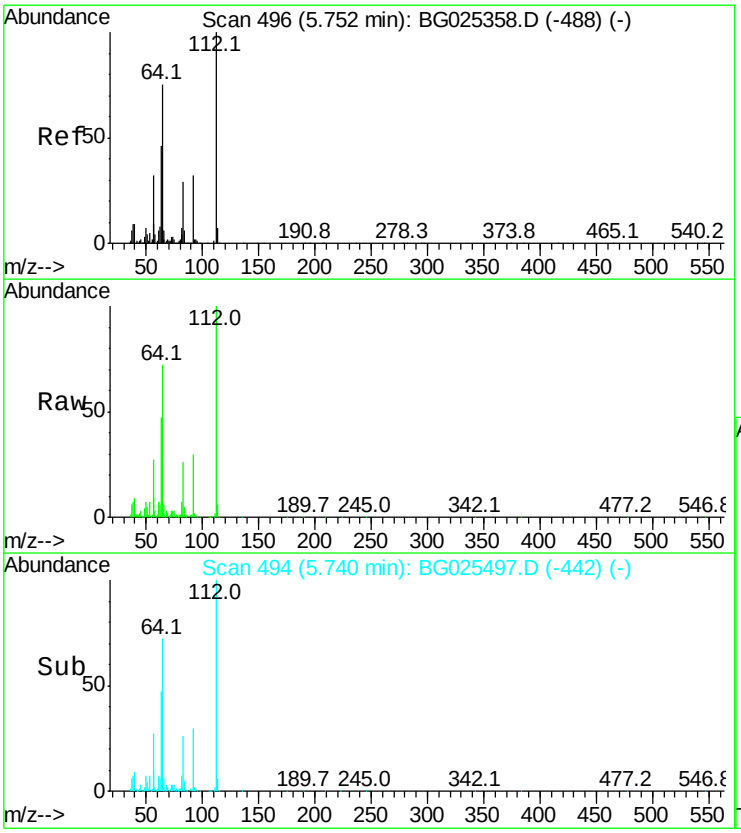
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.01 min
Lab File: BG025497.D
Acq: 13 Jan 2017 00:54

Instrument :
BNA_G
ClientSampleId :
W-23

Tgt Ion:152 Resp: 59574

Ion	Ratio	Lower	Upper
152	100		
150	173.6	114.0	171.0#
115	64.8	48.1	72.1

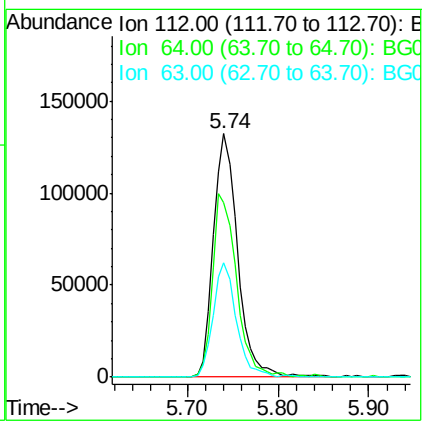


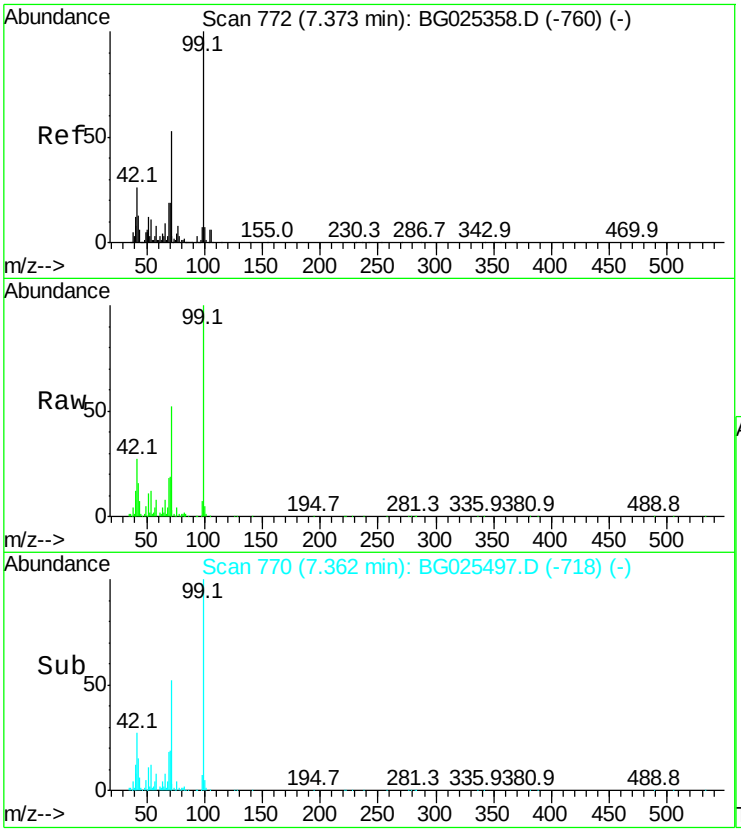


#5
2-Fluorophenol
Concen: 75.10 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025497.D
Acq: 13 Jan 2017 00:54

Tgt Ion:112 Resp: 246148

Ion	Ratio	Lower	Upper
112	100		
64	71.9	61.8	92.6
63	47.2	37.2	55.8



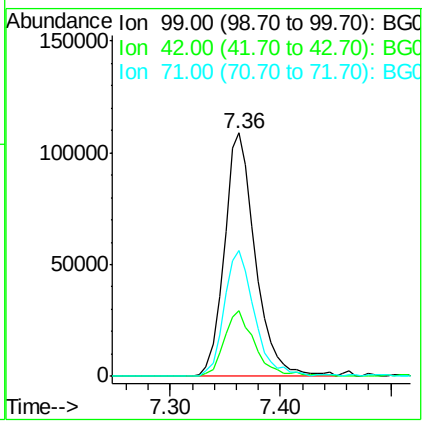


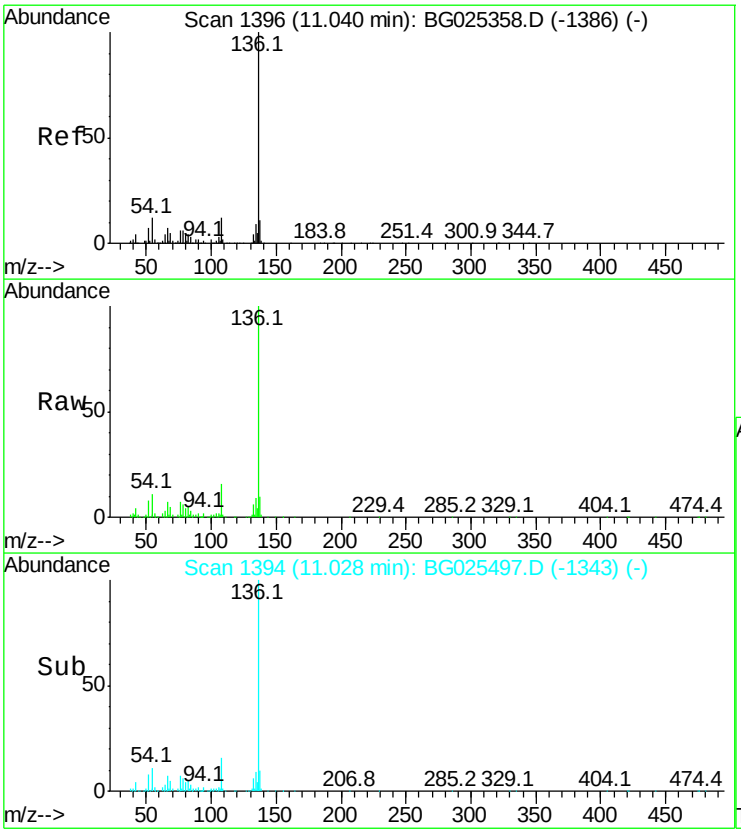
#7
Phenol-d6
Concen: 46.20 ng
RT: 7.36 min Scan# 770
Delta R.T. 0.01 min
Lab File: BG025497.D
Acq: 13 Jan 2017 00:54

Instrument :
BNA_G
ClientSampleId :
W-23

Tgt Ion: 99 Resp: 213245

Ion	Ratio	Lower	Upper
99	100		
42	26.9	20.5	30.7
71	51.7	37.6	56.4

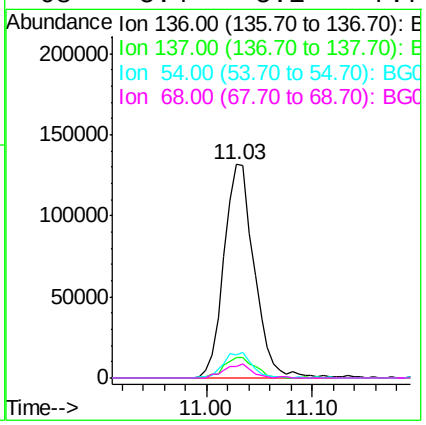


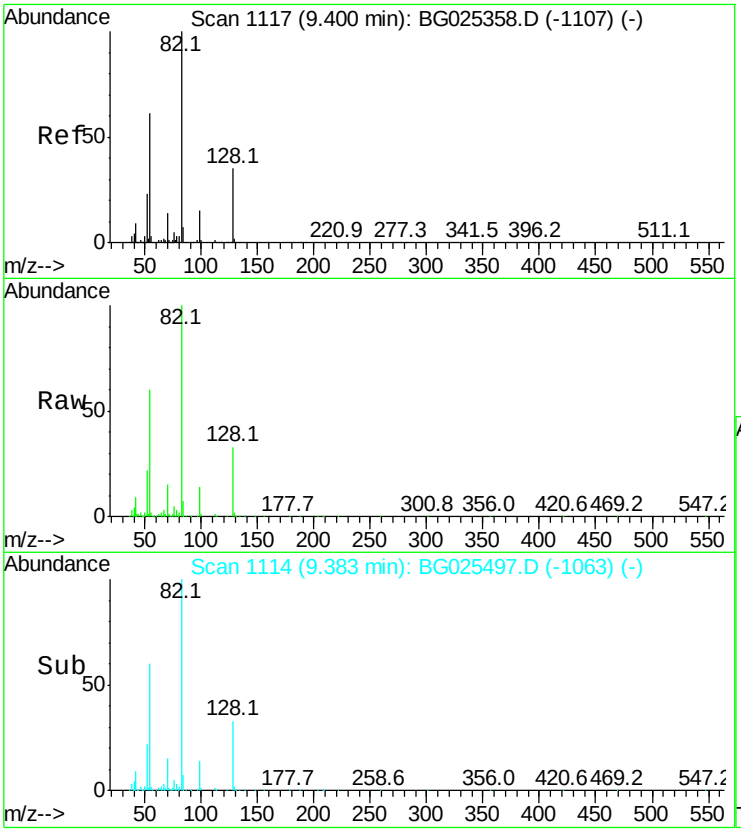


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025497.D
Acq: 13 Jan 2017 00:54

Tgt Ion:136 Resp: 262238

Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.9	13.3
54	11.0	9.3	13.9
68	5.4	5.1	7.7

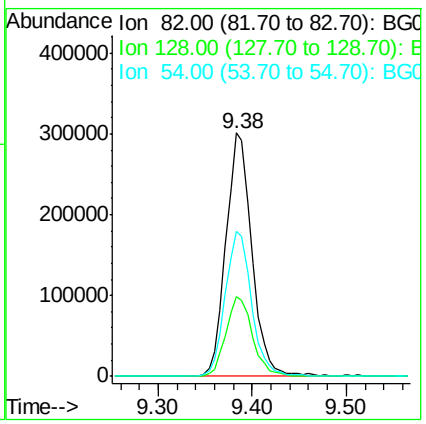




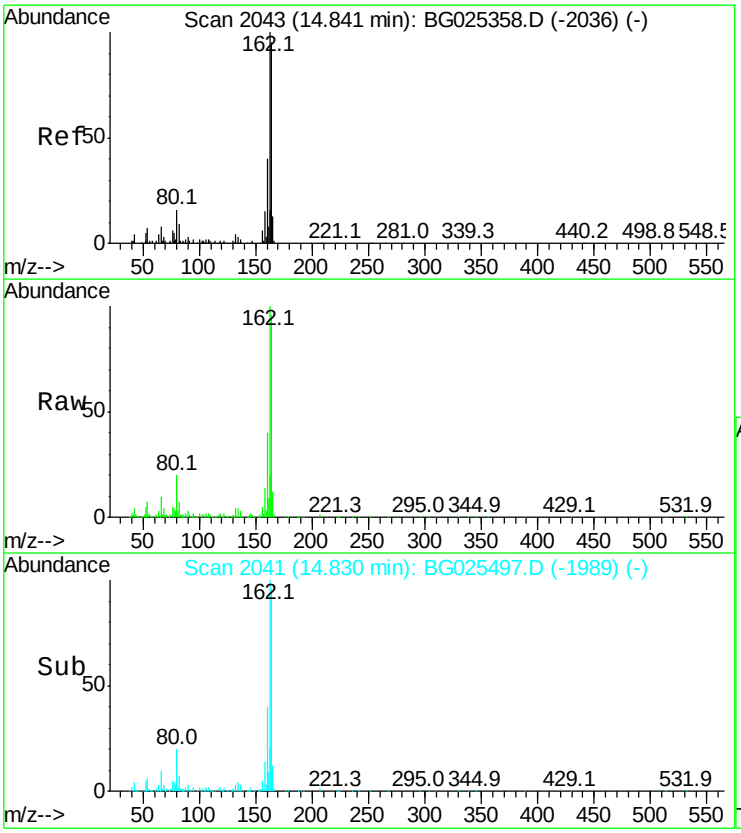
#23
Nitrobenzene-d5
Concen: 97.38 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG025497.D
Acq: 13 Jan 2017 00:54

Tgt Ion: 82 Resp: 578053

Ion	Ratio	Lower	Upper
82	100		
128	32.8	26.4	39.6
54	59.6	49.4	74.2



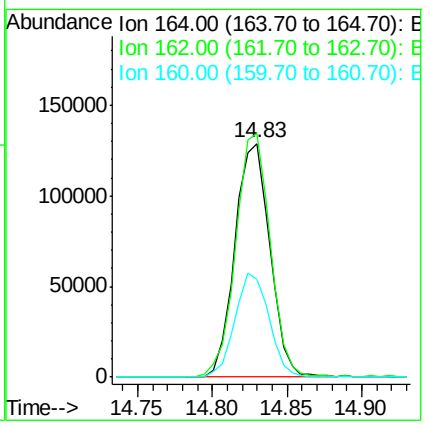
Instrument :
BNA_G
ClientSampleId :
W-23

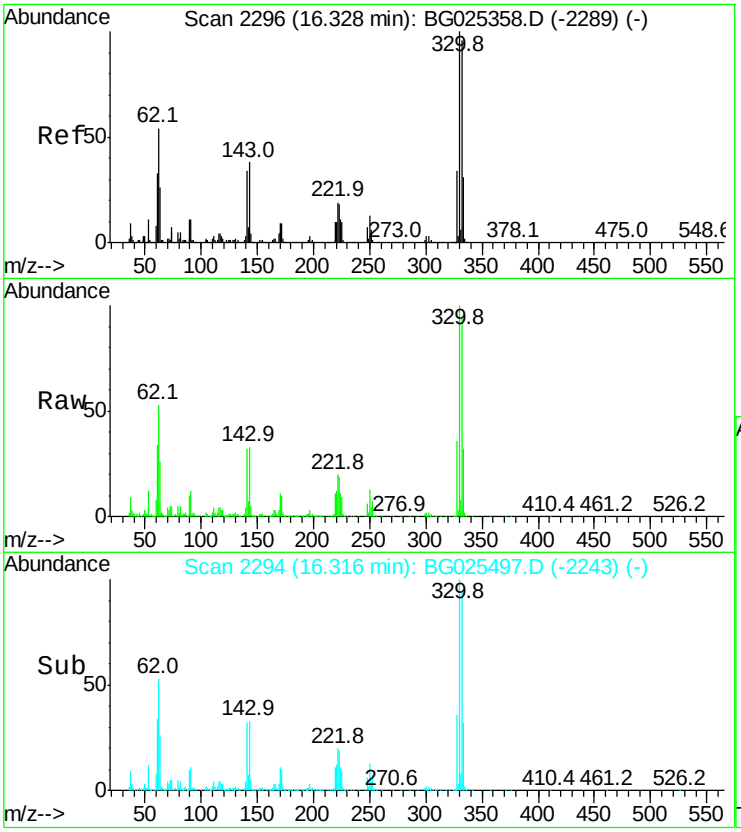


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BG025497.D
Acq: 13 Jan 2017 00:54

Tgt Ion:164 Resp: 209772

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.1	127.7
160	41.6	34.7	52.1



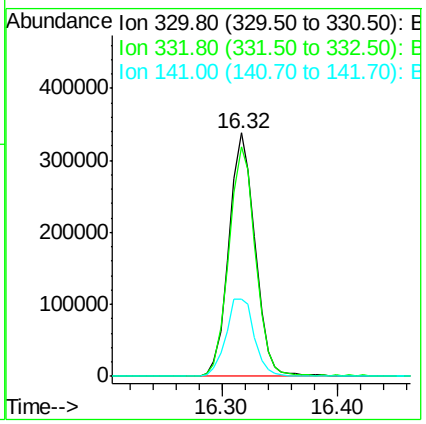


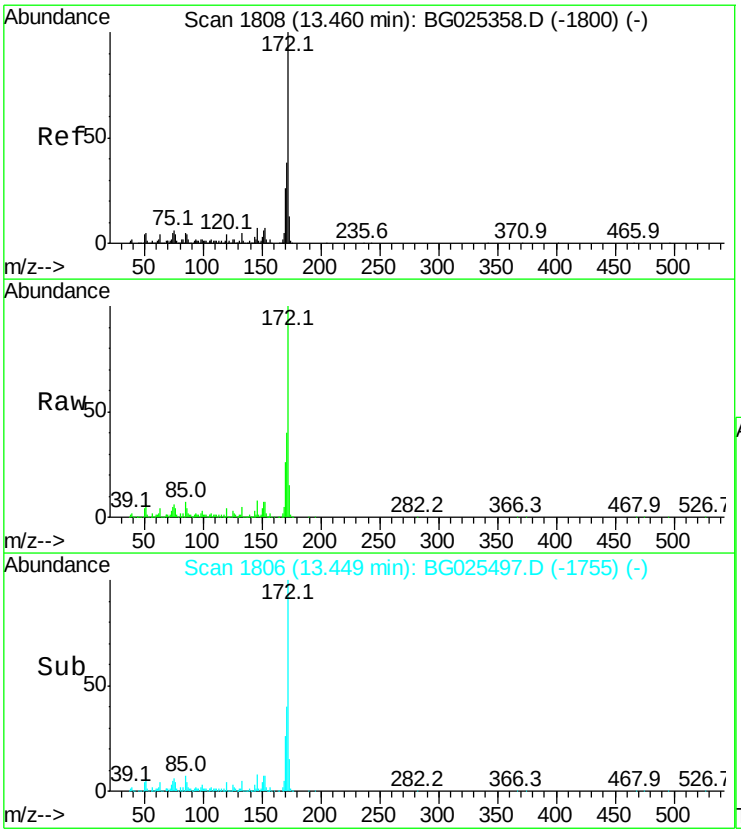
#41
2,4,6-Tribromophenol
Concen: 156.75 ng
RT: 16.32 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG025497.D
Acq: 13 Jan 2017 00:54

Instrument :
BNA_G
ClientSampleId :
W-23

Tgt Ion:330 Resp: 529383

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	34.7	32.1	48.1

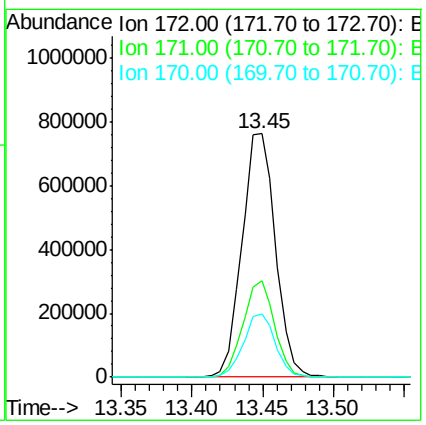


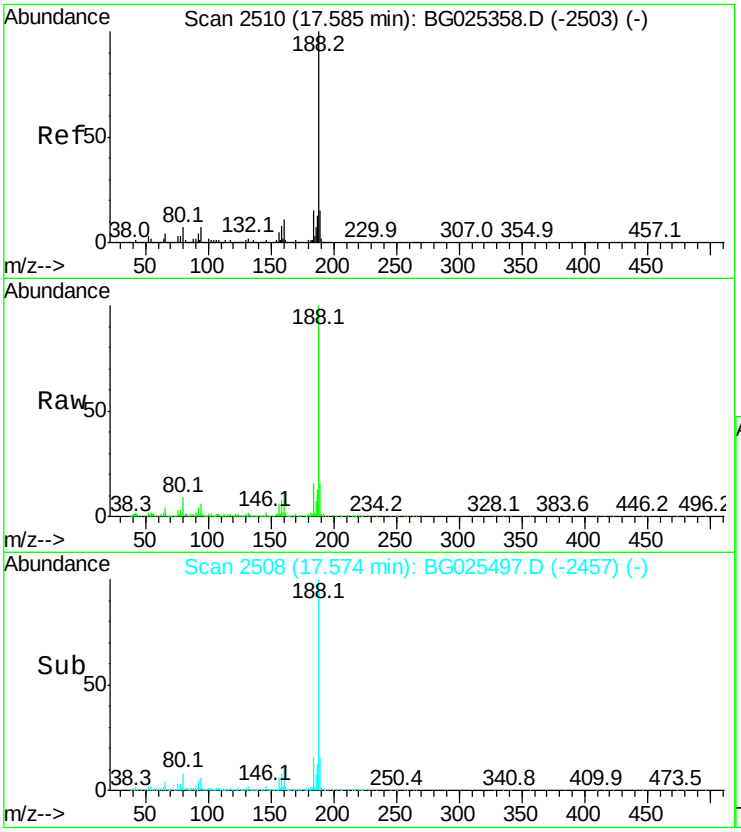


#44
2-Fluorobiphenyl
Concen: 97.70 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG025497.D
Acq: 13 Jan 2017 00:54

Tgt Ion:172 Resp: 1265884

Ion	Ratio	Lower	Upper
172	100		
171	39.6	32.2	48.2
170	26.1	21.8	32.6



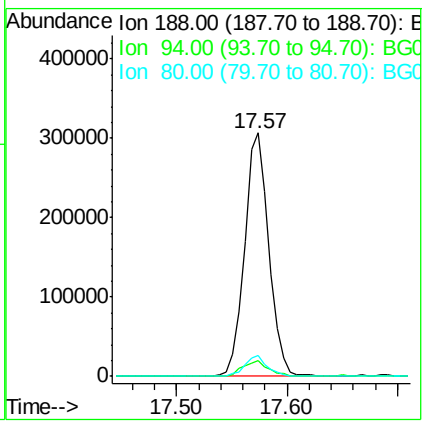


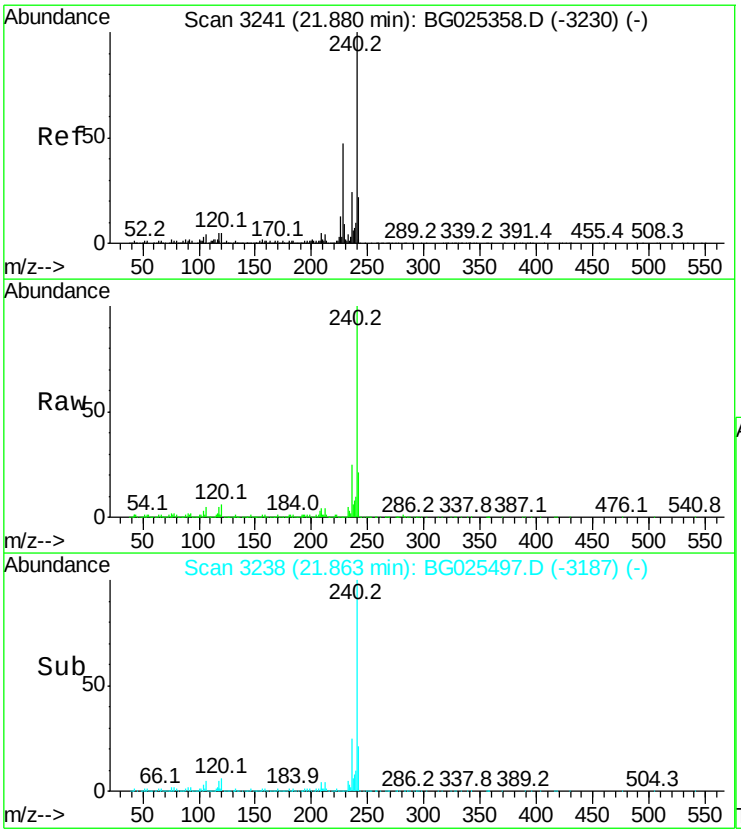
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025497.D
Acq: 13 Jan 2017 00:54

Instrument :
BNA_G
ClientSampleId :
W-23

Tgt Ion:188 Resp: 472773

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.8
80	8.6	7.5	11.3

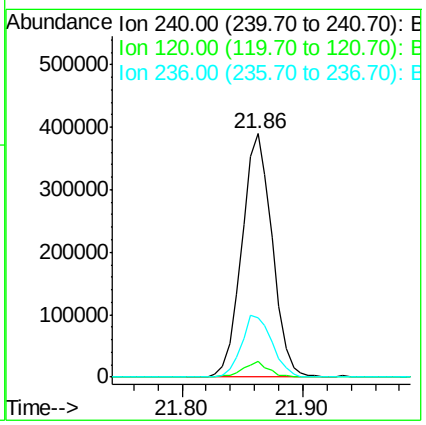


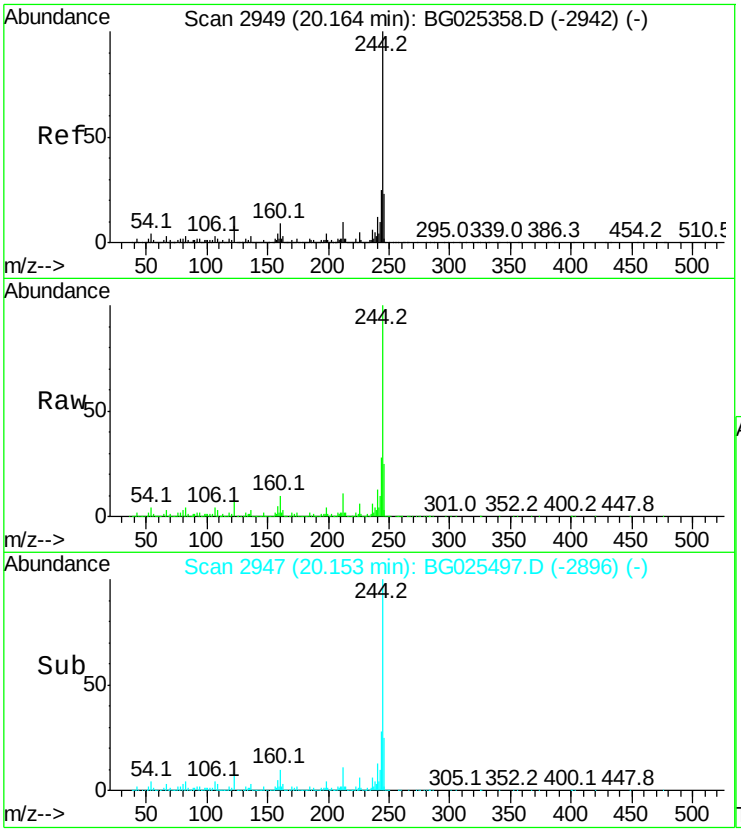


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG025497.D
Acq: 13 Jan 2017 00:54

Tgt Ion:240 Resp: 680418

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.7	8.5
236	24.6	22.2	33.4



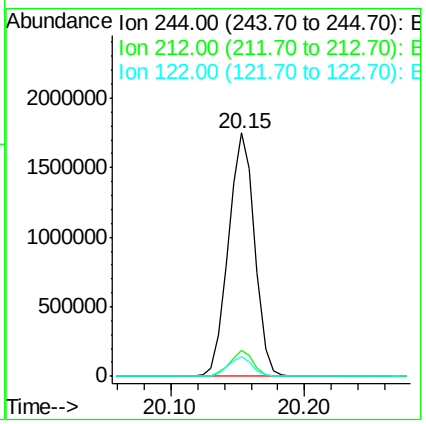


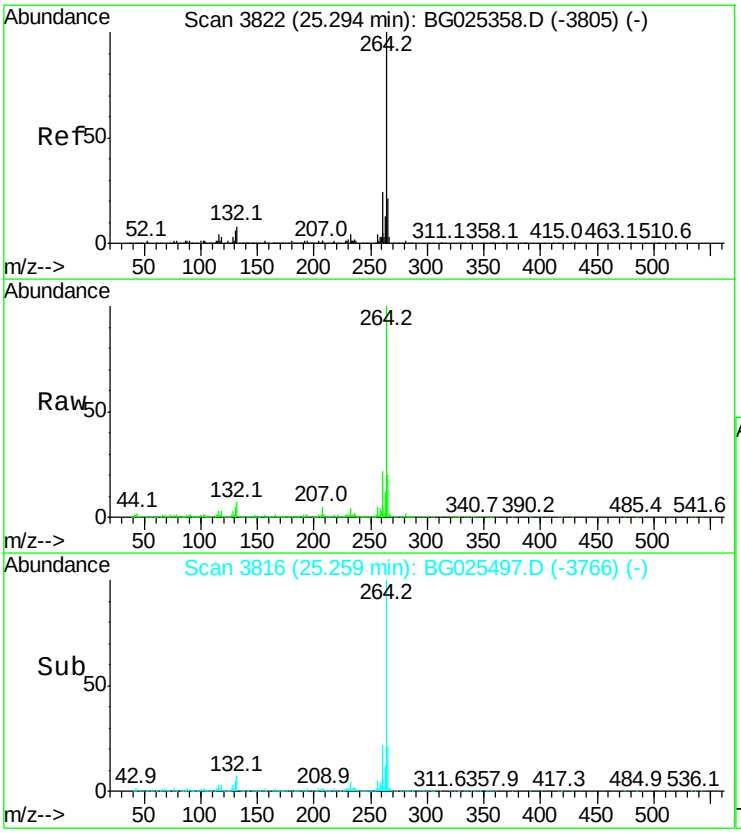
#78
Terphenyl-d14
Concen: 93.77 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG025497.D
Acq: 13 Jan 2017 00:54

Instrument :
BNA_G
ClientSampleId :
W-23

Tgt Ion:244 Resp: 2406297

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.0	15.0
122	8.1	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BG025497.D
Acq: 13 Jan 2017 00:54

Tgt Ion:264 Resp: 726133

Ion	Ratio	Lower	Upper
264	100		
260	22.3	21.8	32.8
265	20.5	18.2	27.4