Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\
Data File : BG025403.D
Acq On : 29 Dec 2016 14:12
Operator : UM/SJ
Sample : H6226-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDW-02-122116

Quant Time: Dec 30 00:41:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48268	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	190444	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	159381	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	372793	20.00	ng	0.00
75) Chrysene-d12	21.87	240	555372	20.00	ng	0.00
86) Perylene-d12	25.28	264	565424	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	395127	148.80	ng	0.00
7) Phenol-d6	7.37	99	508875	136.07	ng	0.00
23) Nitrobenzene-d5	9.39	82	447597	103.83	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	400770	156.19	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	991130	100.68	ng	0.00
78) Terphenyl-d14	20.16	244	2108520	100.66	ng	0.00
Target Compounds						Qvalue

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

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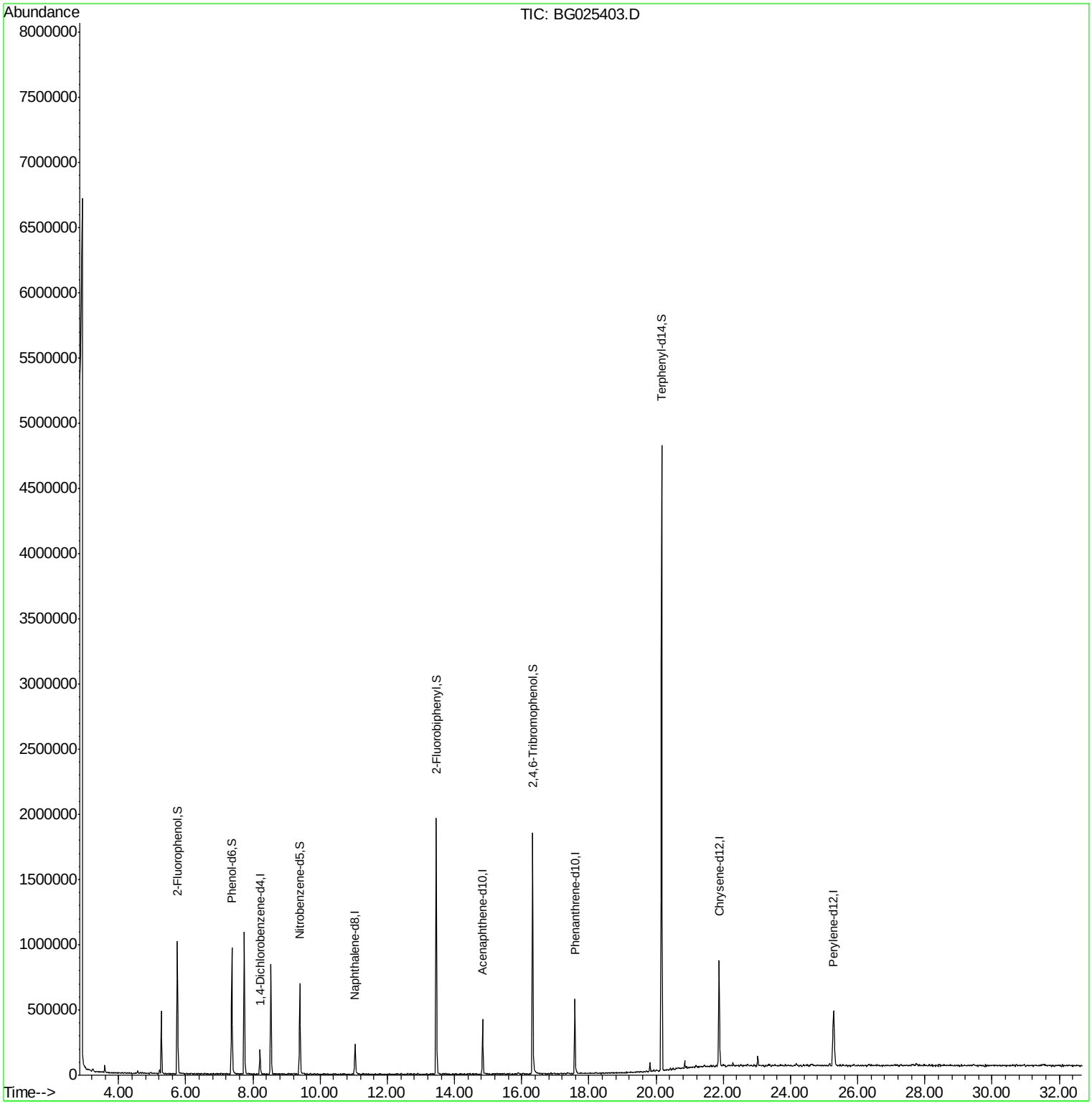
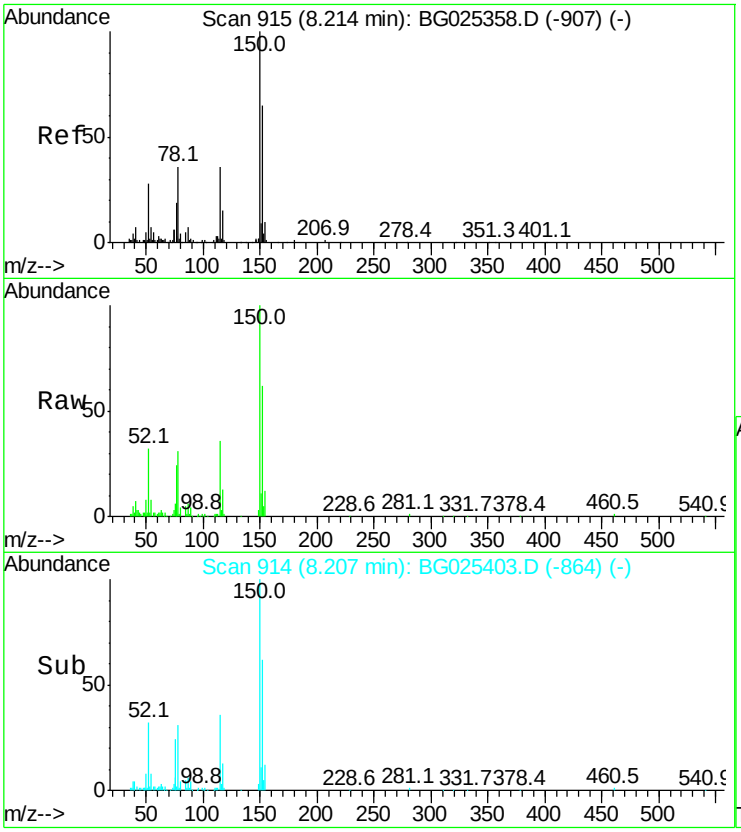


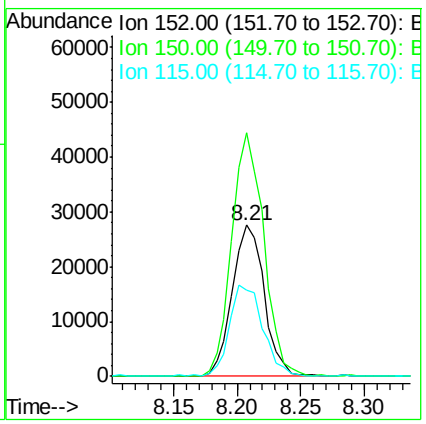


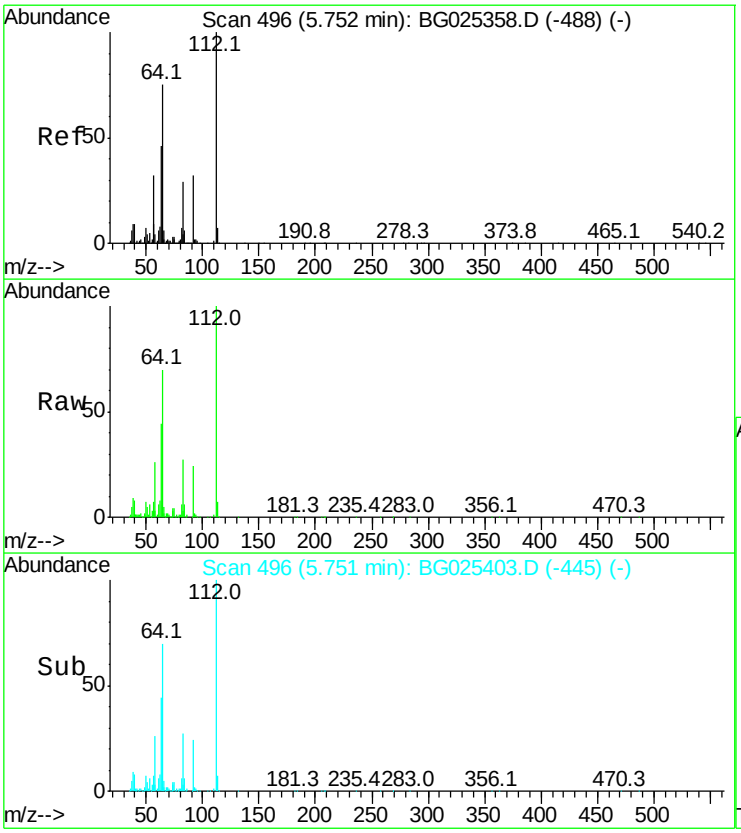
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Instrument :
BNA_G
ClientSampleId :
IDW-02-122116

Tgt Ion:152 Resp: 48268

Ion	Ratio	Lower	Upper
152	100		
150	161.3	114.0	171.0
115	57.3	48.1	72.1

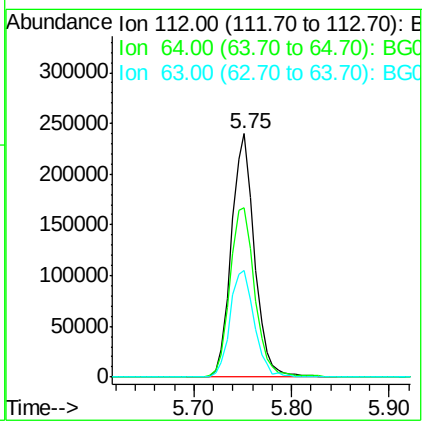


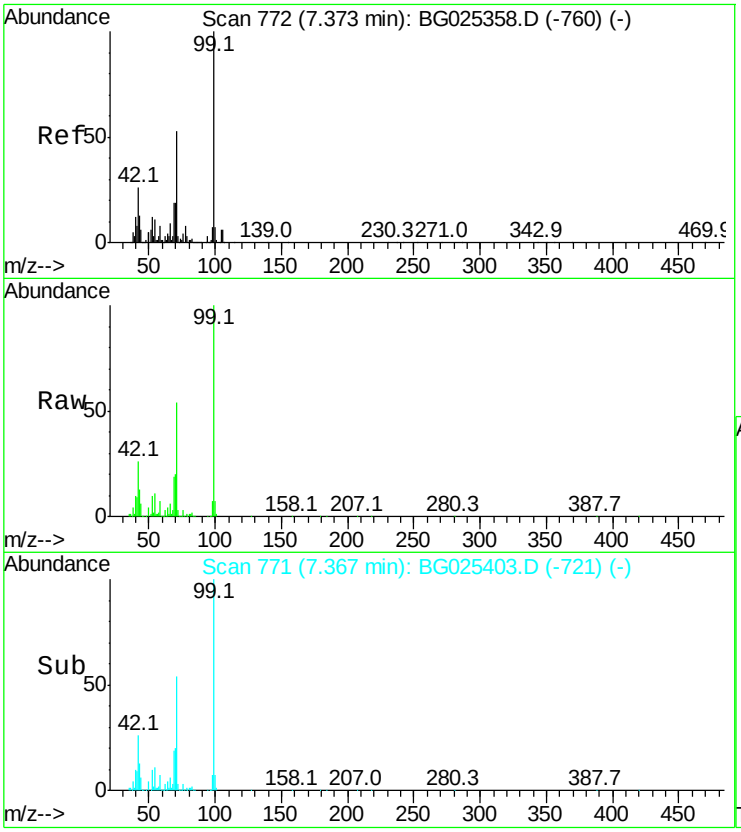


#5
2-Fluorophenol
Concen: 148.80 ng
RT: 5.75 min Scan# 496
Delta R.T. -0.00 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Tgt Ion:112 Resp: 395127

Ion	Ratio	Lower	Upper
112	100		
64	69.7	61.8	92.6
63	43.9	37.2	55.8



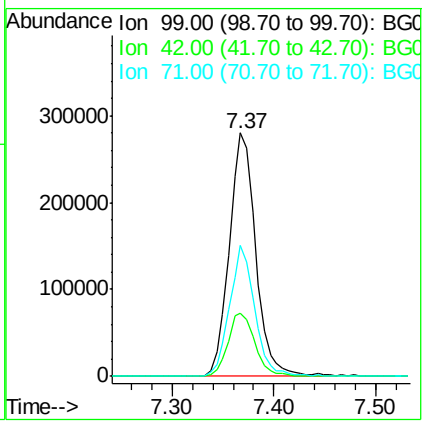


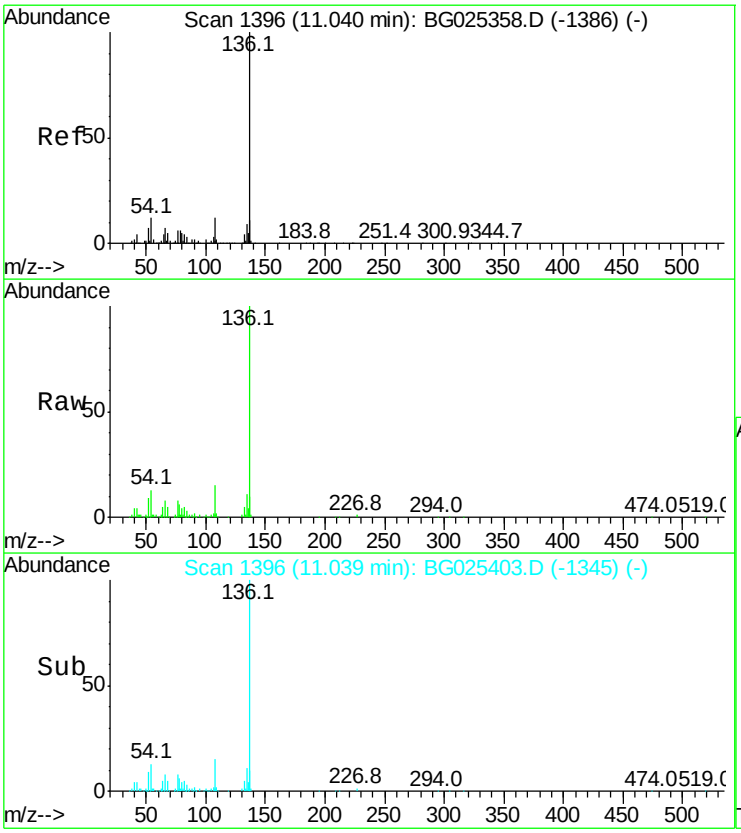
#7
Phenol-d6
Concen: 136.07 ng
RT: 7.37 min Scan# 771
Delta R.T. -0.01 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Instrument :
BNA_G
ClientSampleId :
IDW-02-122116

Tgt Ion: 99 Resp: 508875

Ion	Ratio	Lower	Upper
99	100		
42	26.0	20.5	30.7
71	53.7	37.6	56.4

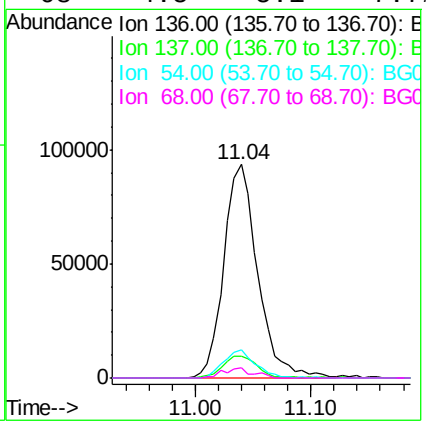


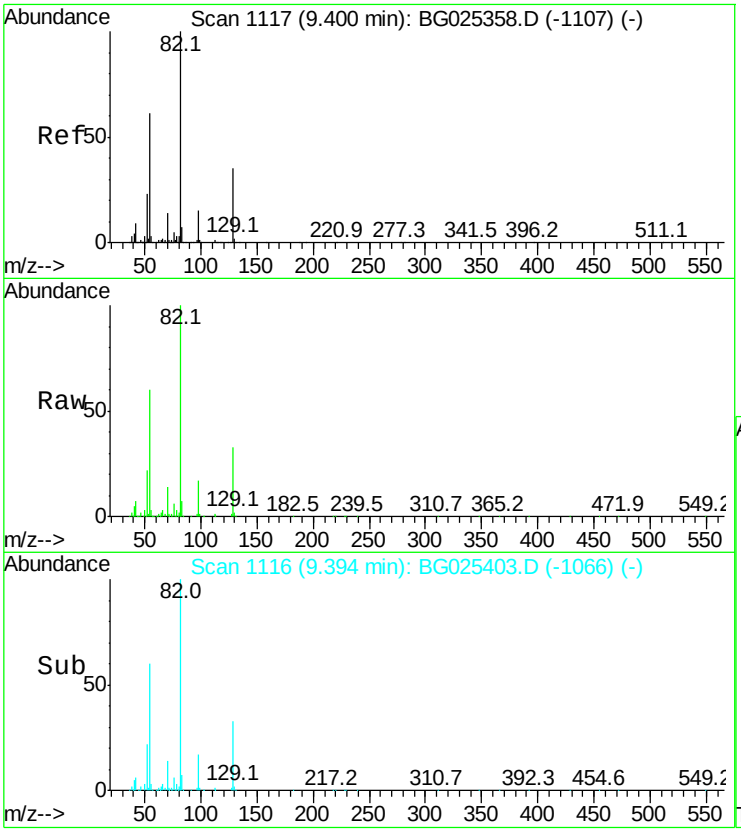


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Tgt Ion:136 Resp: 190444

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	13.4	9.3	13.9
68	4.5	5.1	7.7#



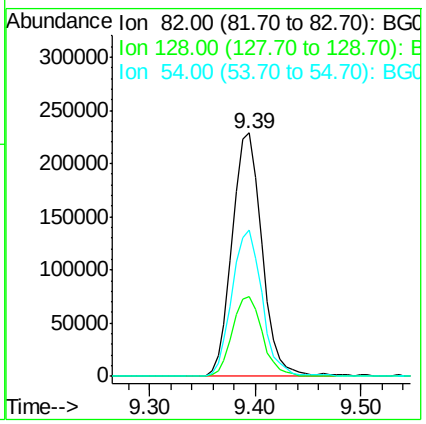


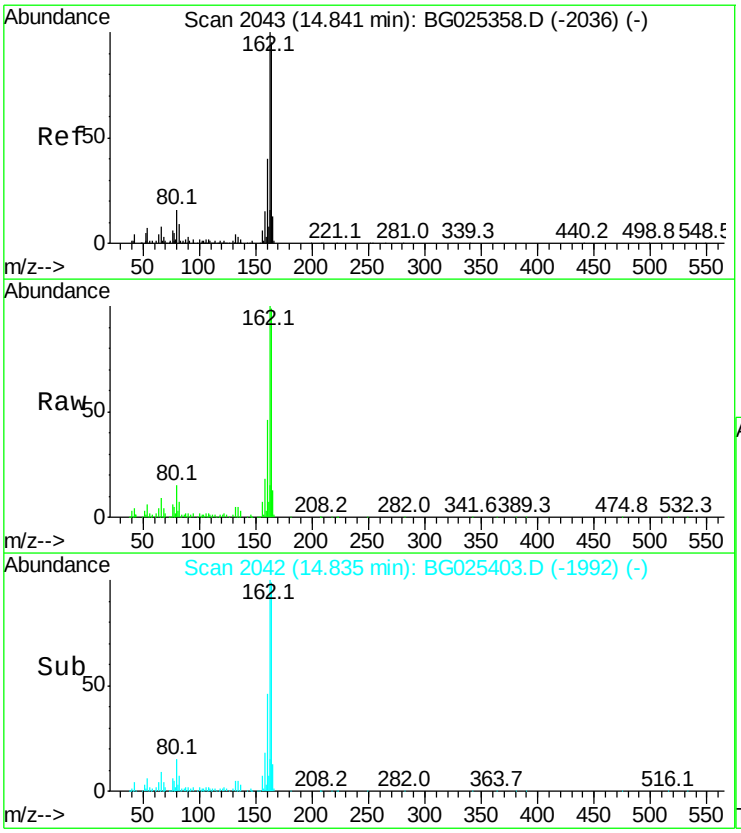
#23
Nitrobenzene-d5
Concen: 103.83 ng
RT: 9.39 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Instrument :
BNA_G
ClientSampleId :
IDW-02-122116

Tgt Ion: 82 Resp: 447597

Ion	Ratio	Lower	Upper
82	100		
128	32.8	26.4	39.6
54	60.0	49.4	74.2

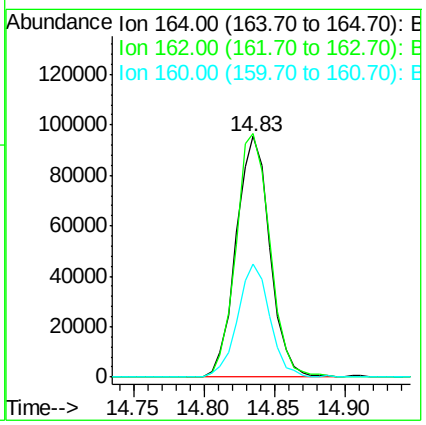


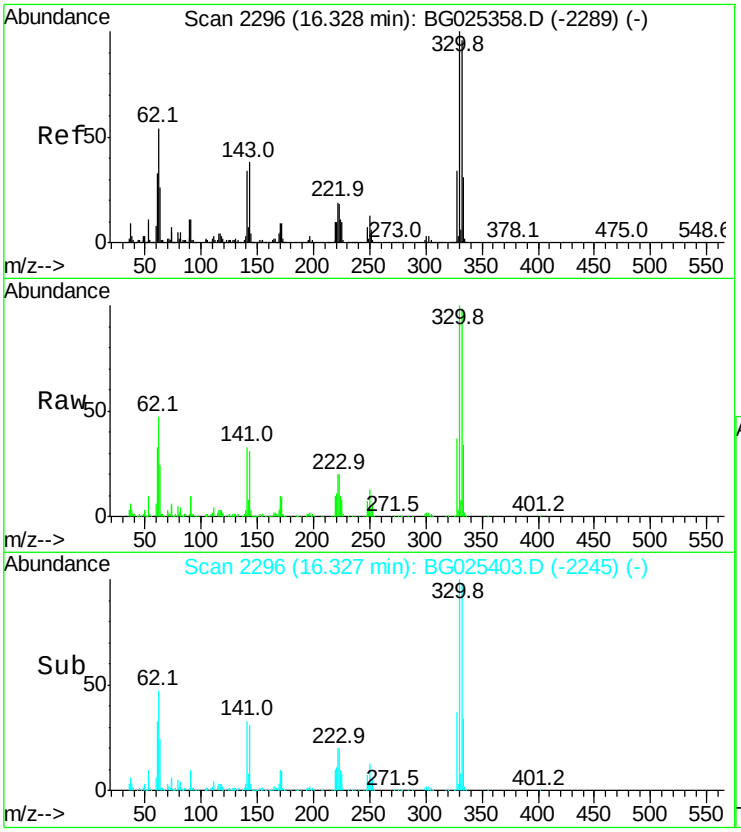


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Tgt Ion:164 Resp: 159381

Ion	Ratio	Lower	Upper
164	100		
162	101.1	85.1	127.7
160	47.0	34.7	52.1



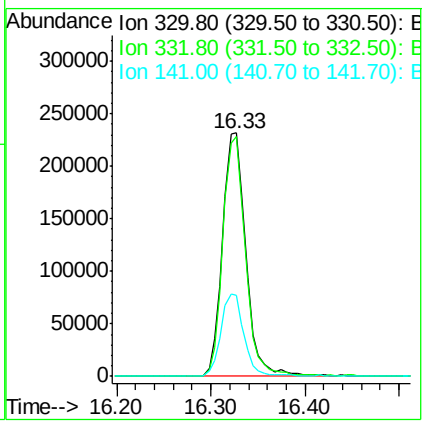


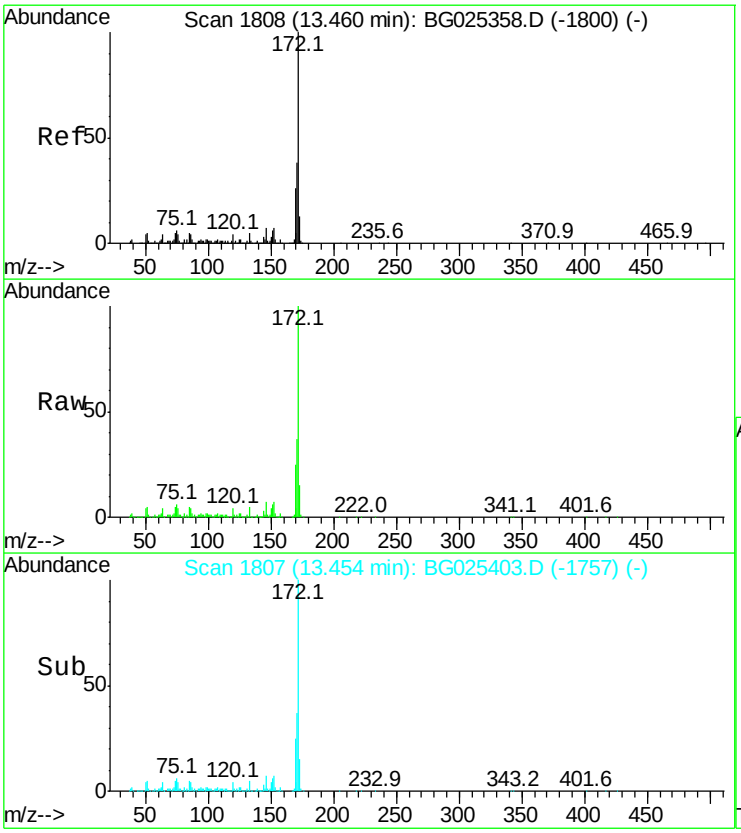
#41
2,4,6-Tribromophenol
Concen: 156.19 ng
RT: 16.33 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Instrument :
BNA_G
ClientSampleId :
IDW-02-122116

Tgt Ion:330 Resp: 400770

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	33.6	32.1	48.1

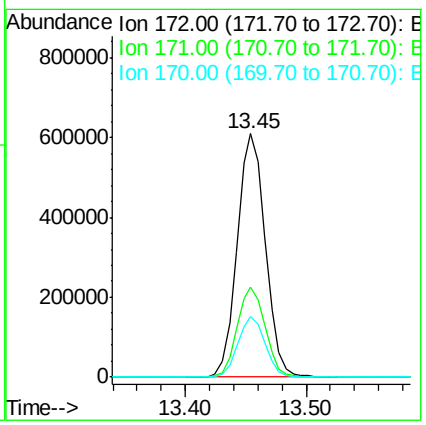


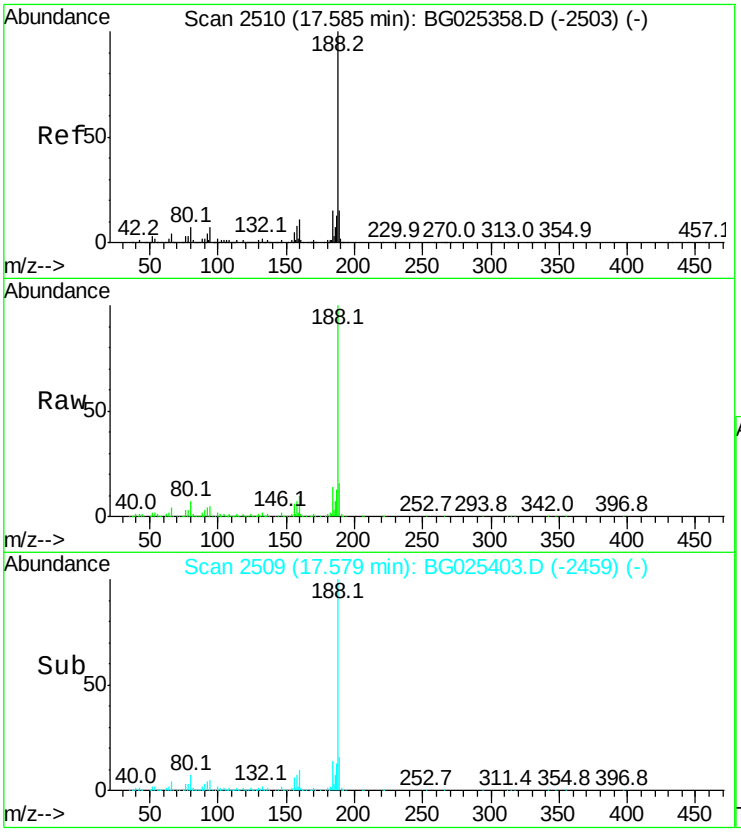


#44
2-Fluorobiphenyl
Concen: 100.68 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Tgt Ion:172 Resp: 991130

Ion	Ratio	Lower	Upper
172	100		
171	36.7	32.2	48.2
170	25.0	21.8	32.6



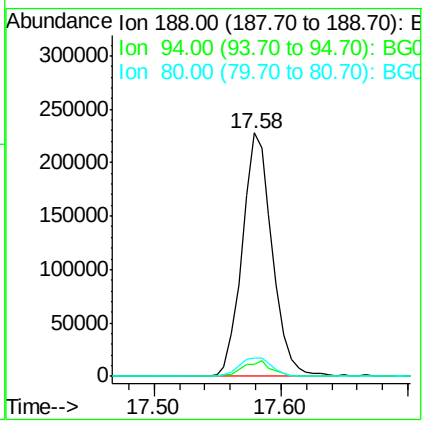


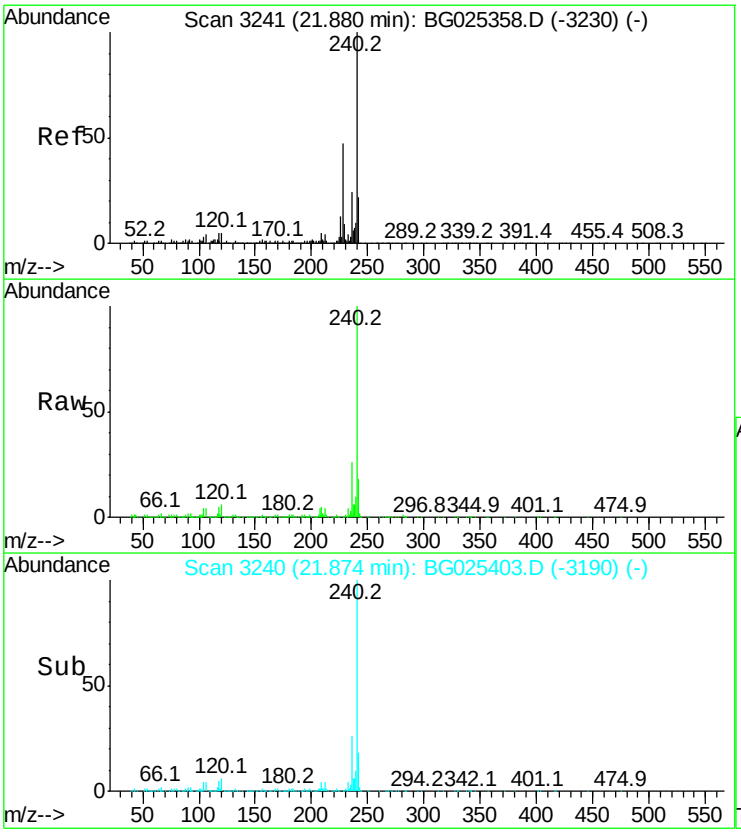
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Instrument :
BNA_G
ClientSampleId :
IDW-02-122116

Tgt Ion:188 Resp: 372793

Ion	Ratio	Lower	Upper
188	100		
94	4.8	5.8	8.8#
80	7.5	7.5	11.3#

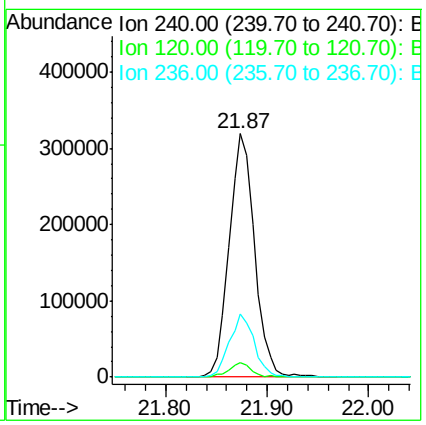


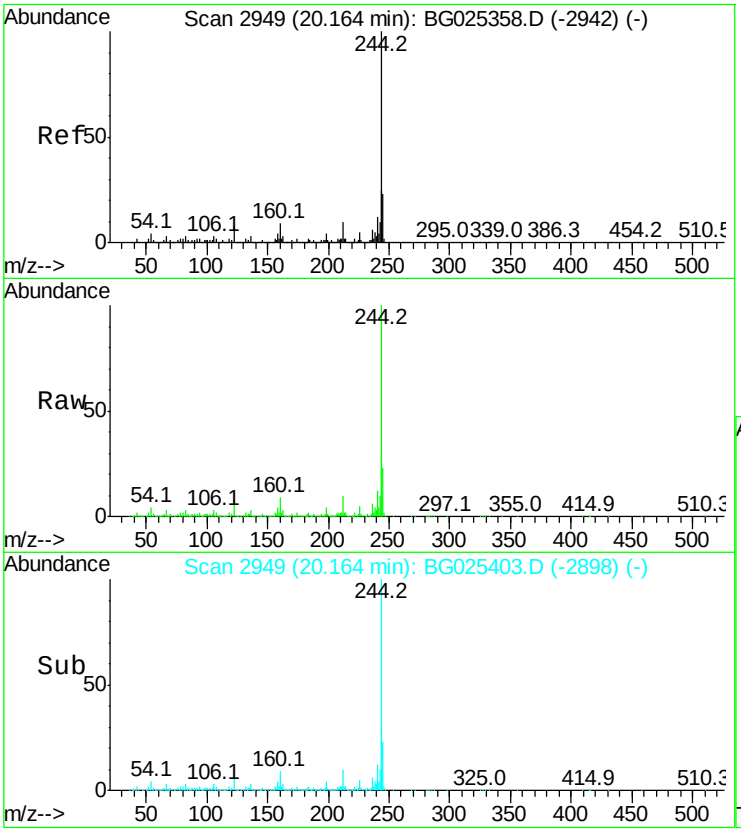


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Tgt Ion:240 Resp: 555372

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	26.1	22.2	33.4



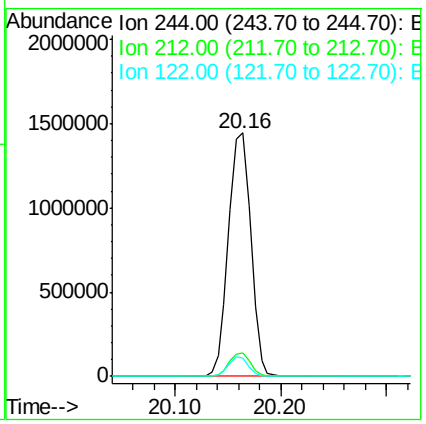


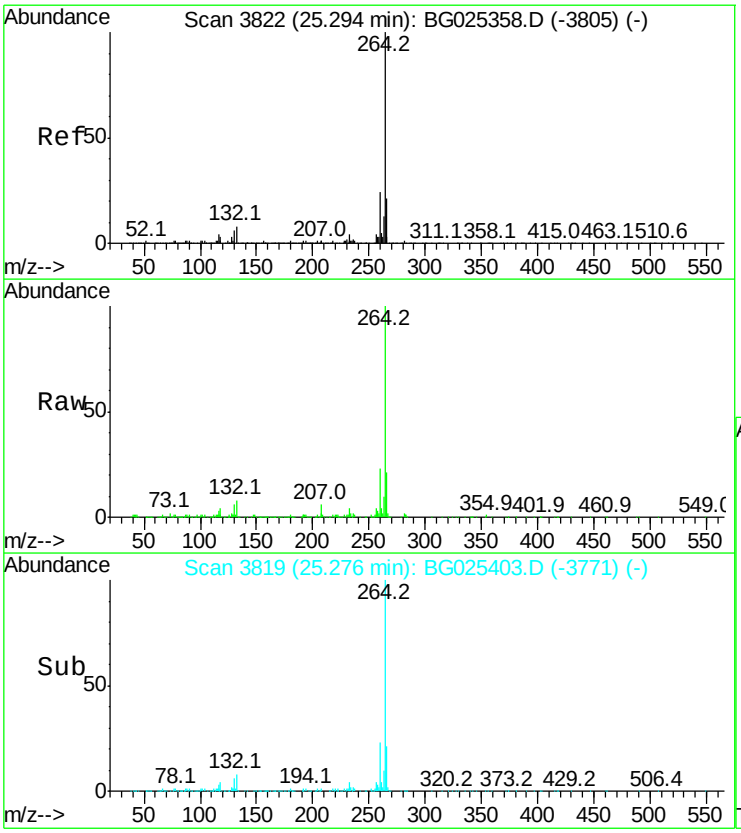
#78
Terphenyl-d14
Concen: 100.66 ng
RT: 20.16 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Instrument :
BNA_G
ClientSampleId :
IDW-02-122116

Tgt Ion:244 Resp: 2108520

Ion	Ratio	Lower	Upper
244	100		
212	9.9	10.0	15.0#
122	7.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3819
Delta R.T. -0.02 min
Lab File: BG025403.D
Acq: 29 Dec 2016 14:12

Tgt Ion:264 Resp: 565424

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	20.9	18.2	27.4