Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020617\
Data File : BG025813.D
Acq On : 6 Feb 2017 22:03
Operator : SJ/MA
Sample : I1695-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B2-9

Quant Time: Feb 07 01:23:23 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	87299	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	349935	20.00	ng	-0.01
38) Acenaphthene-d10	14.79	164	88474	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	402572	20.00	ng	0.00
75) Chrysene-d12	21.83	240	93652	20.00	ng	-0.01
86) Perylene-d12	25.25	264	5047	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	733347	150.55	ng	-0.01
7) Phenol-d6	7.32	99	496063	69.73	ng	0.00
23) Nitrobenzene-d5	9.34	82	816605	98.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	517614	410.24	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1540725	282.83	ng	-0.01
78) Terphenyl-d14	20.12	244	1793496	462.24	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	8.47	79	12748	2.07	ng	# 66
19) n-Nitroso-di-n-propylamine	8.72	70	23770	3.79	ng	# 53
32) Benzoic acid	10.22	122	167	7.93	ng	# 1
40) Hexachlorocyclopentadiene	12.96	237	60	10.73	ng	# 29
53) 2,4-Dinitrophenol	14.98	184	165	9.60	ng	# 15
55) 4-Nitrophenol	15.05	139	142	5.70	ng	# 1
87) Benzo(b)fluoranthene	24.15	252	1150	3.94	ng	# 1
89) Benzo(a)pyrene	25.08	252	590	2.13	ng	# 1

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

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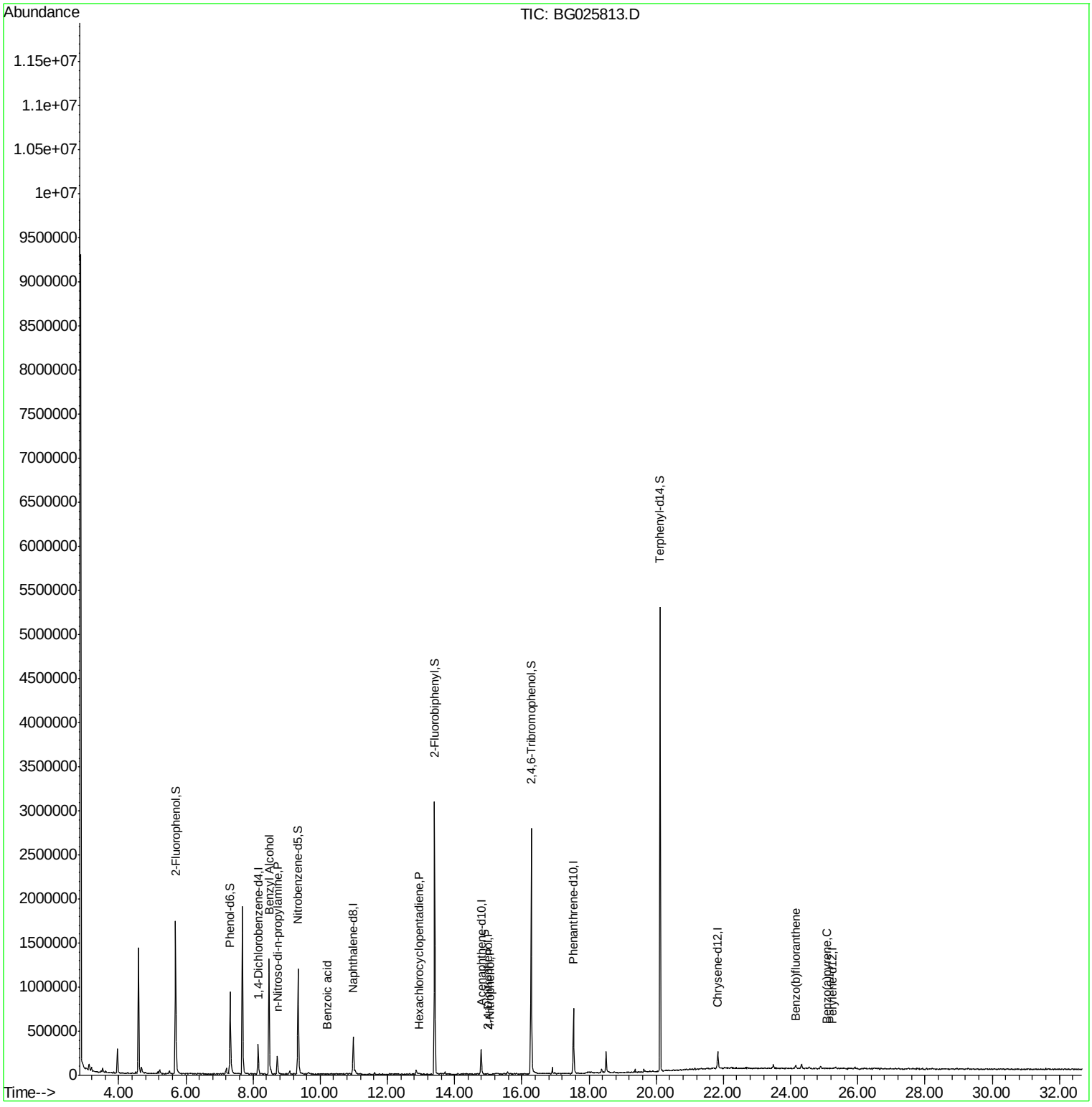
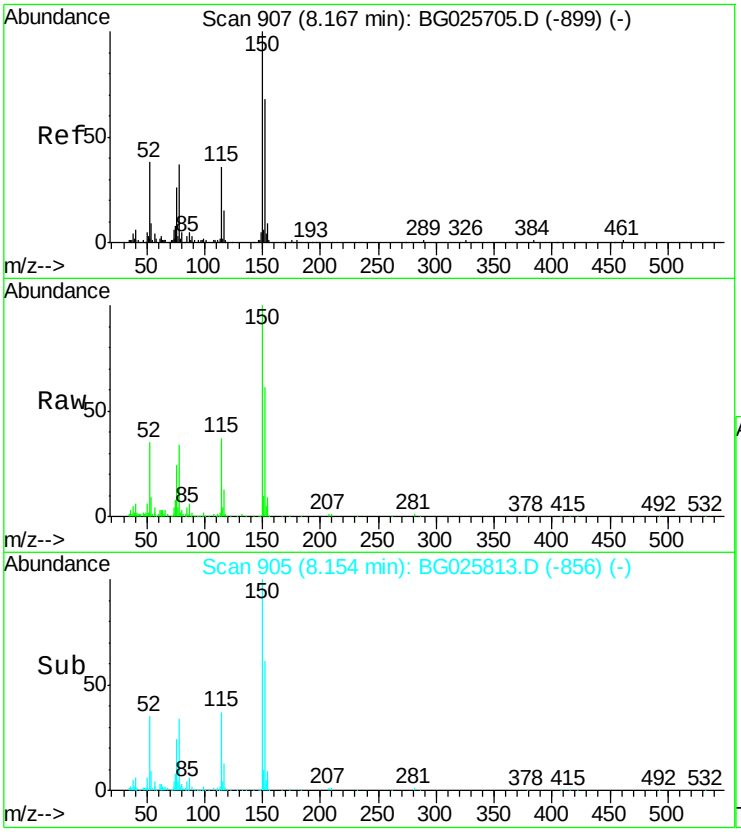


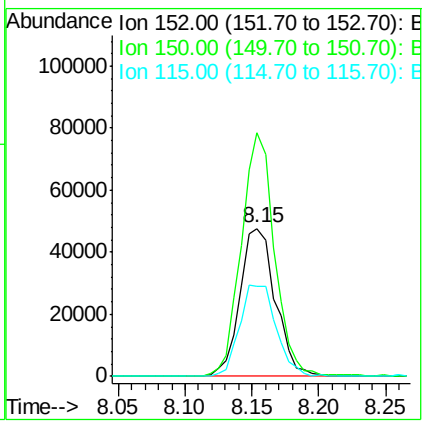


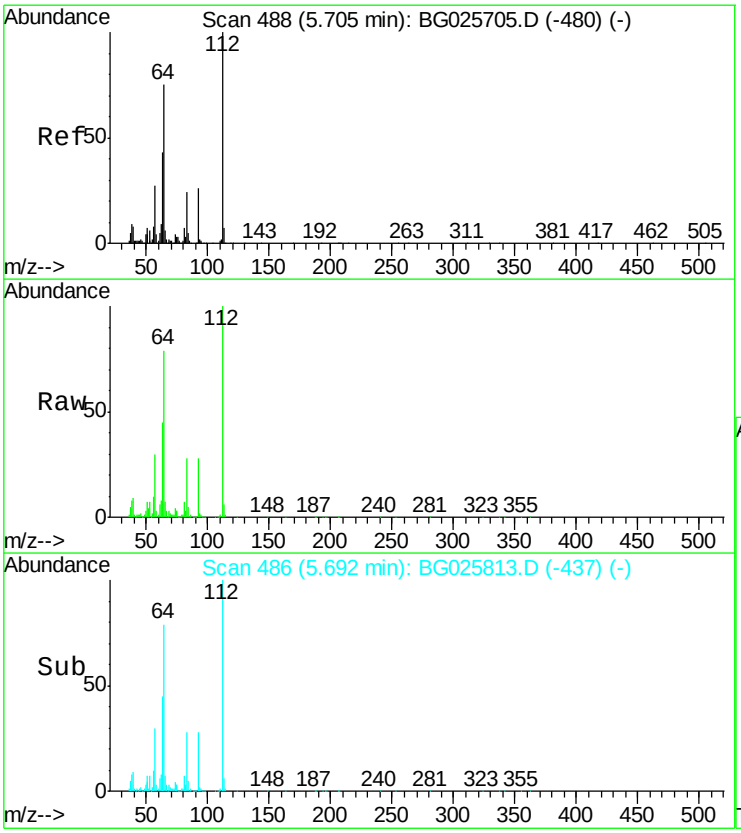
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Instrument :
BNA_G
ClientSampleId :
B2-9

Tgt Ion:152 Resp: 87299

Ion	Ratio	Lower	Upper
152	100		
150	164.9	114.0	171.0
115	61.3	48.1	72.1

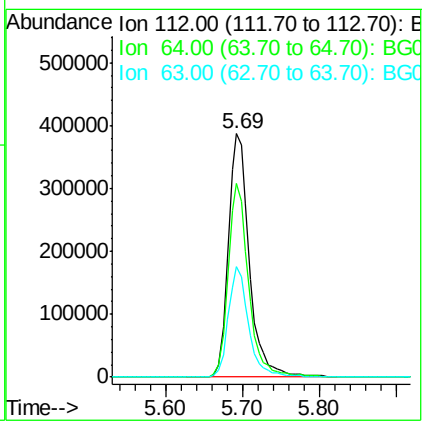


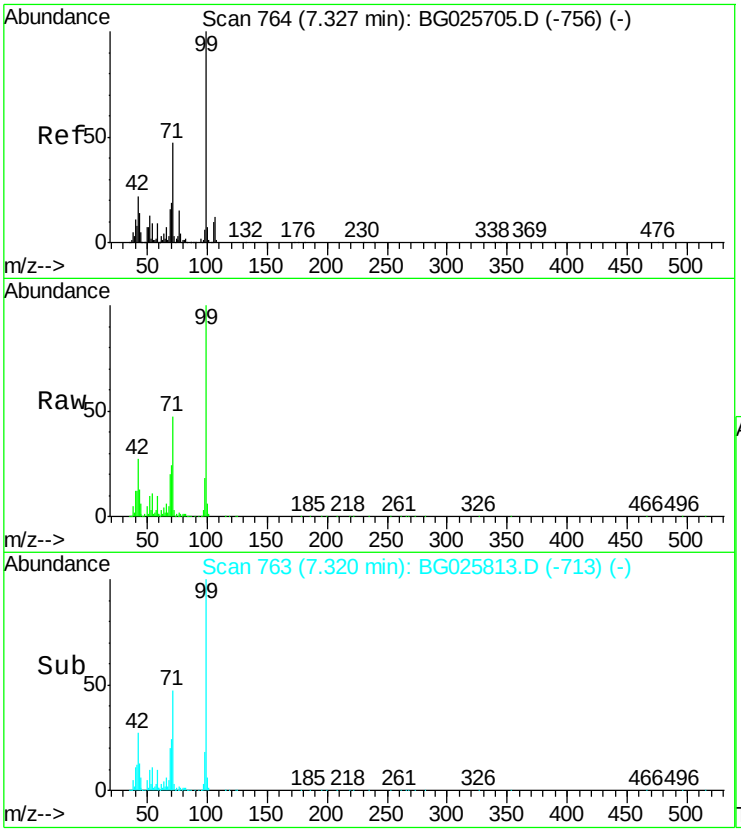


#5
2-Fluorophenol
Concen: 150.55 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Tgt Ion:112 Resp: 733347

Ion	Ratio	Lower	Upper
112	100		
64	79.4	61.8	92.6
63	45.3	37.2	55.8



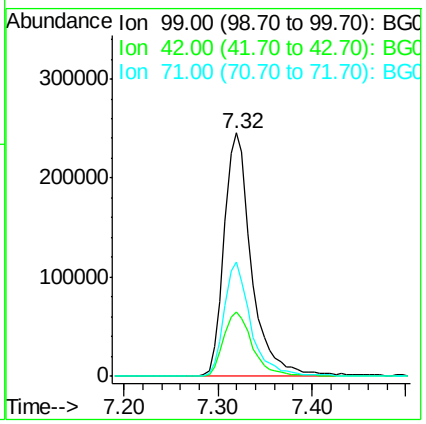


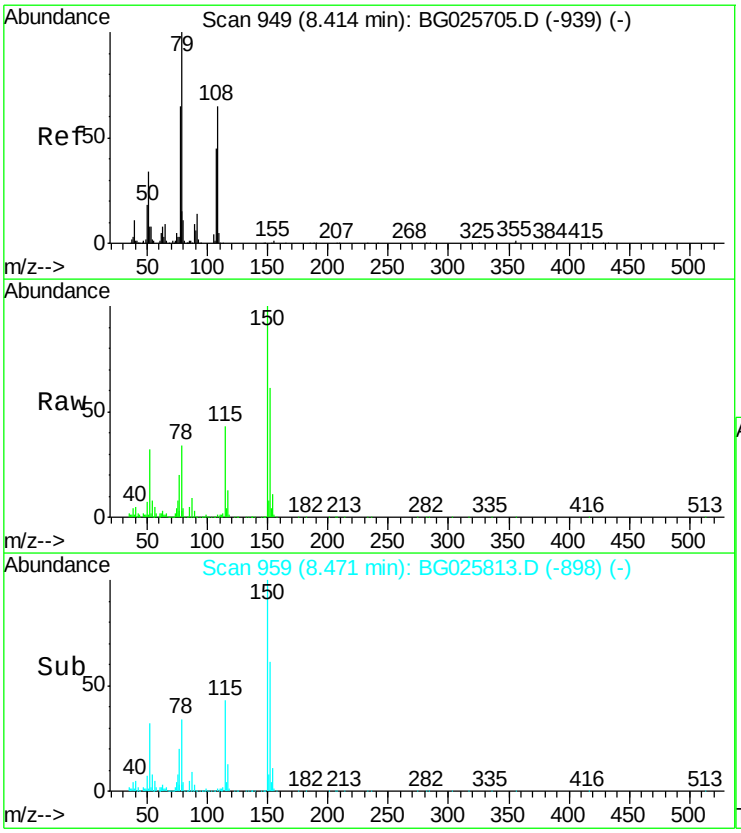
#7
Phenol-d6
Concen: 69.73 ng
RT: 7.32 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Instrument :
BNA_G
ClientSampleId :
B2-9

Tgt Ion: 99 Resp: 496063

Ion	Ratio	Lower	Upper
99	100		
42	26.7	20.5	30.7
71	46.8	37.6	56.4

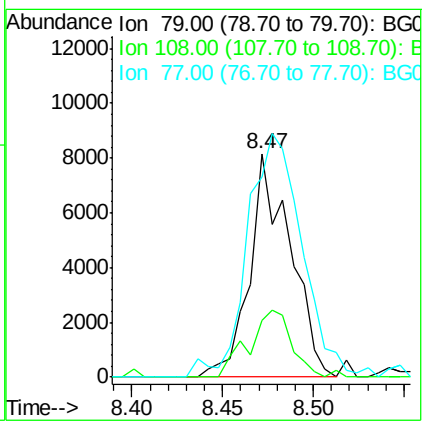


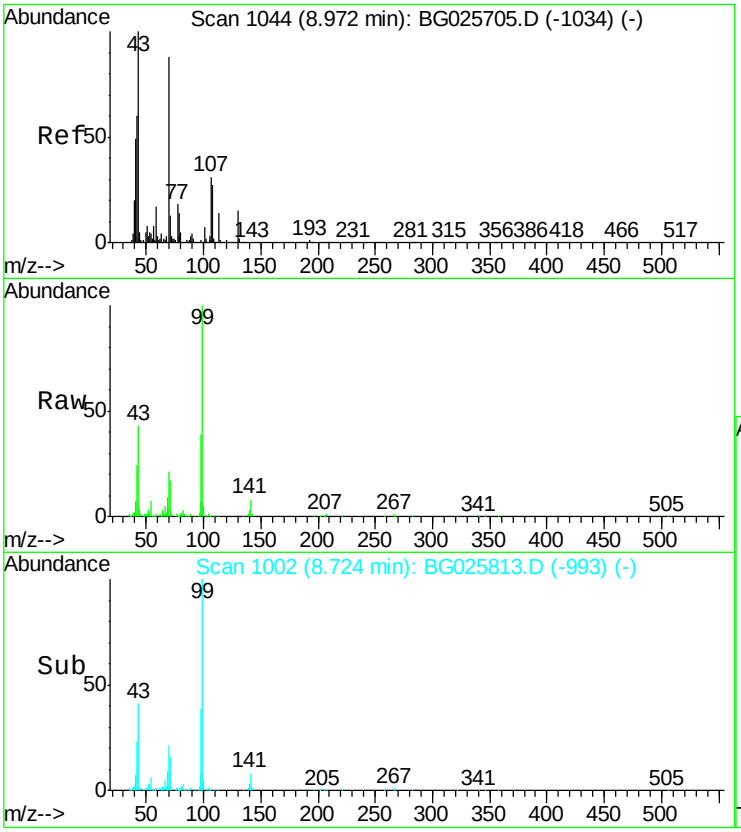


#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 8.47 min Scan# 959
Delta R.T. 0.06 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Tgt Ion: 79 Resp: 12748

Ion	Ratio	Lower	Upper
79	100		
108	25.4	45.5	68.3#
77	89.8	54.3	81.5#



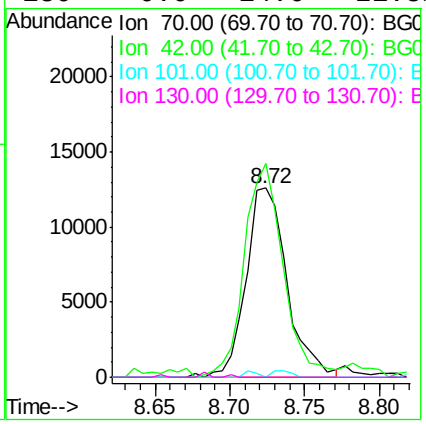


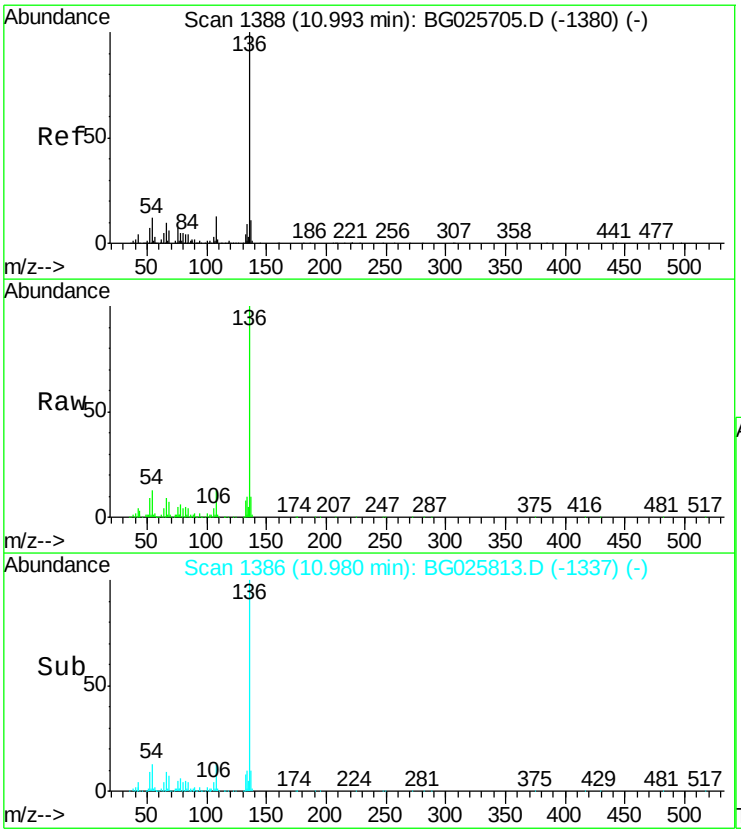
#19
n-Nitroso-di-n-propylamine
Concen: 3.79 ng
RT: 8.72 min Scan# 1002
Delta R.T. -0.25 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Instrument :
BNA_G
ClientSampleId :
B2-9

Tgt Ion: 70 Resp: 23770

Ion	Ratio	Lower	Upper
70	100		
42	112.8	56.1	84.1#
101	0.0	7.5	11.3#
130	0.0	14.6	21.8#

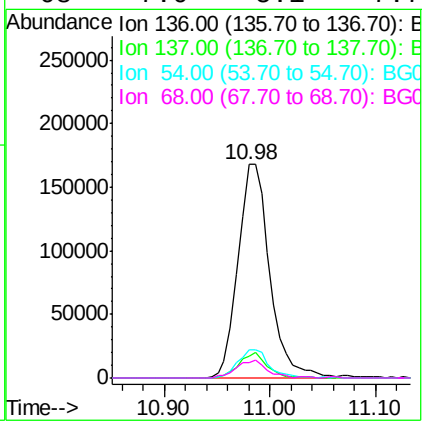


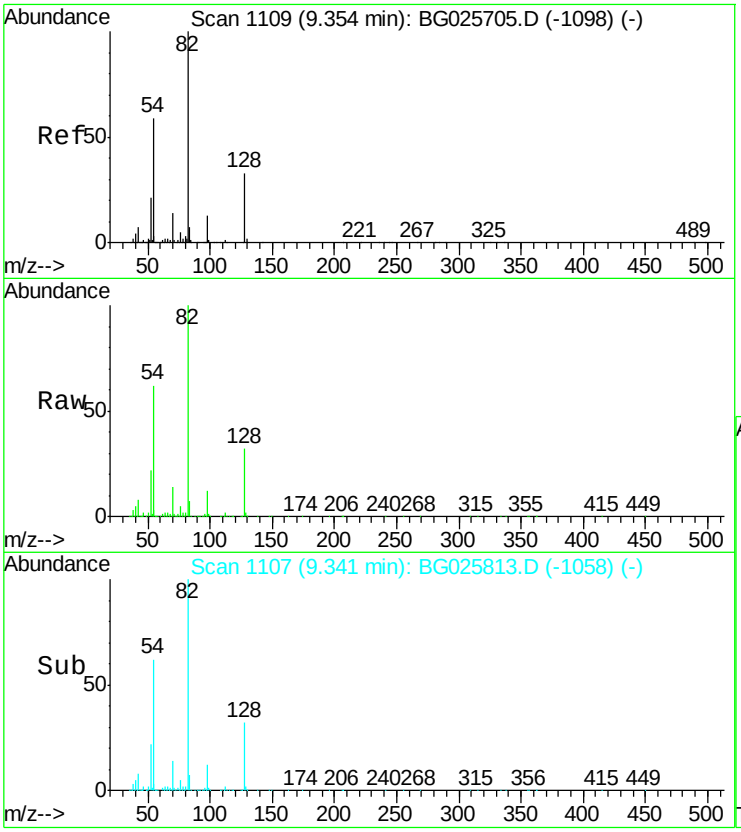


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Tgt Ion:136 Resp: 349935

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	13.4	9.3	13.9
68	7.0	5.1	7.7



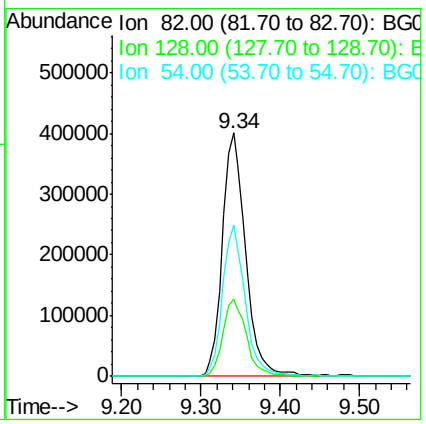


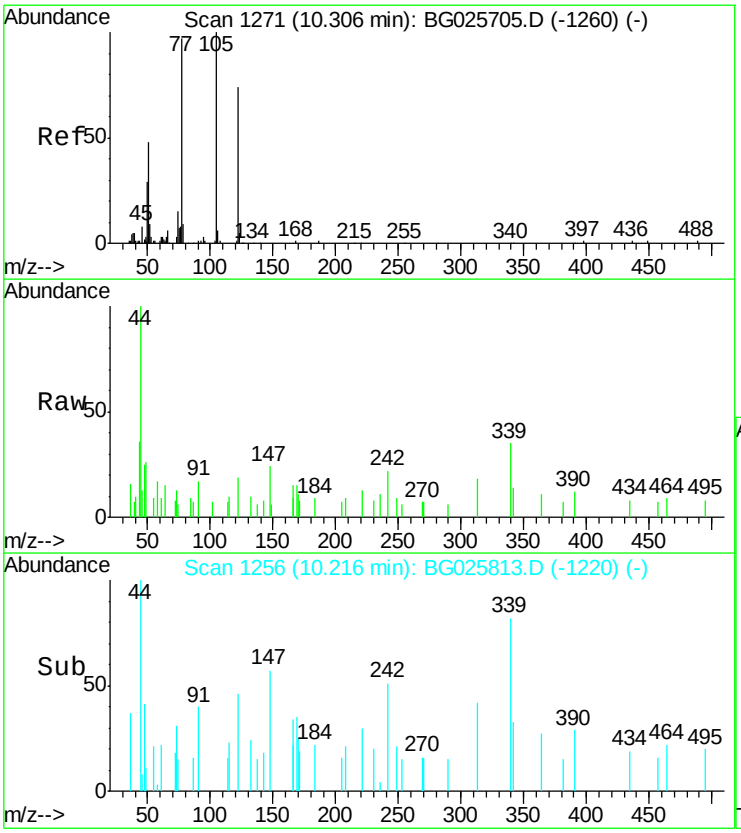
#23
Nitrobenzene-d5
Concen: 98.60 ng
RT: 9.34 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Instrument :
BNA_G
ClientSampleId :
B2-9

Tgt Ion: 82 Resp: 816605

Ion	Ratio	Lower	Upper
82	100		
128	31.7	26.4	39.6
54	62.1	49.4	74.2

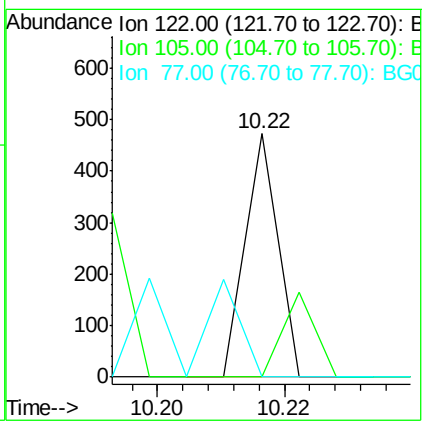


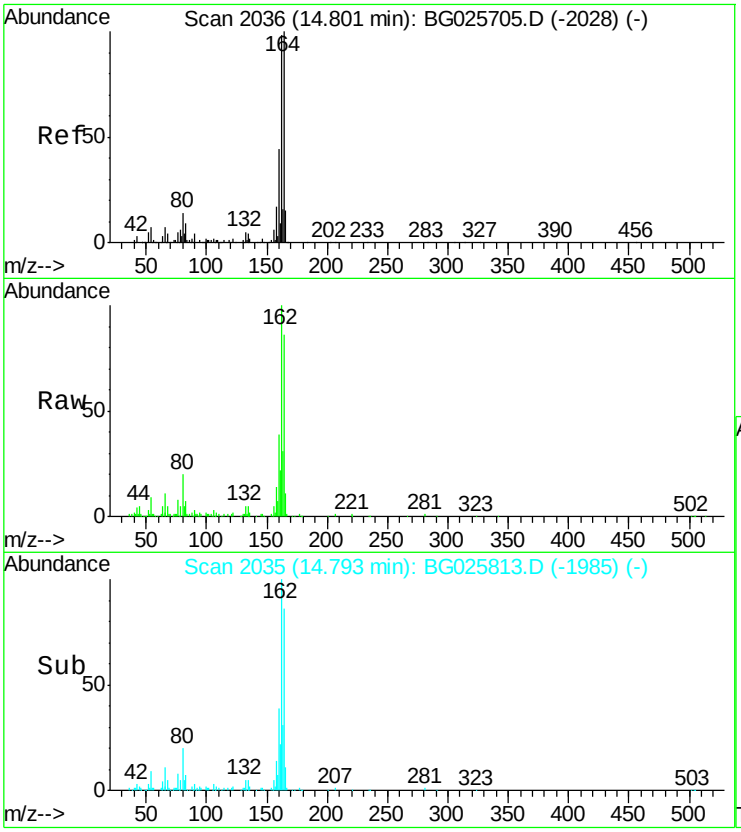


#32
Benzoic acid
Concen: 7.93 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.09 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Tgt Ion:122 Resp: 167

Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



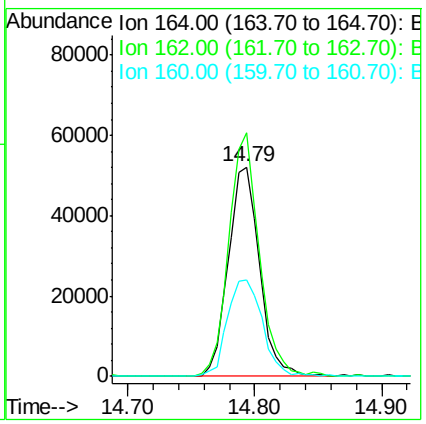


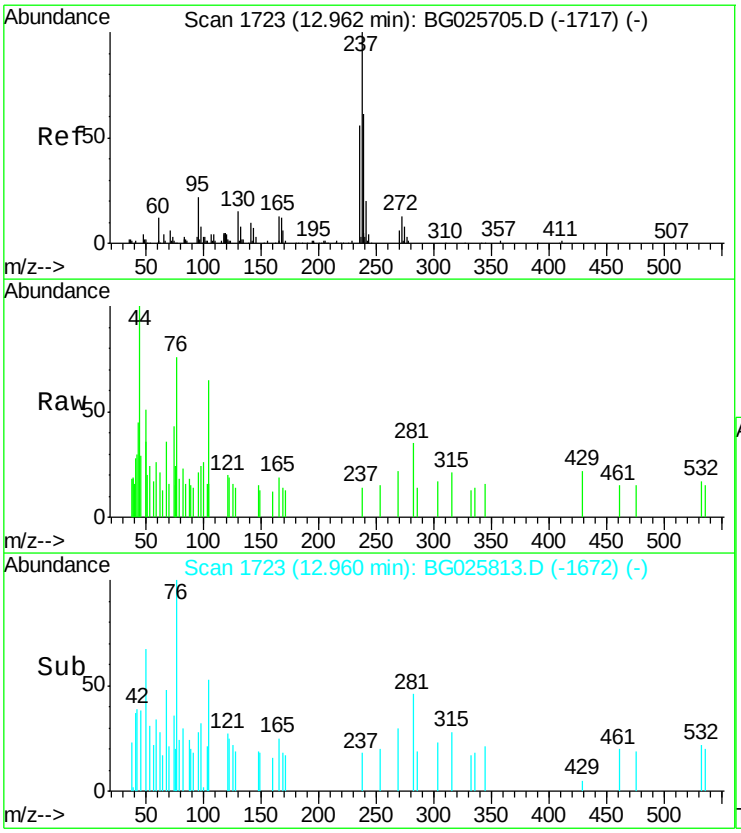
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Instrument :
BNA_G
ClientSampleId :
B2-9

Tgt Ion:164 Resp: 88474

Ion	Ratio	Lower	Upper
164	100		
162	116.2	85.1	127.7
160	45.8	34.7	52.1

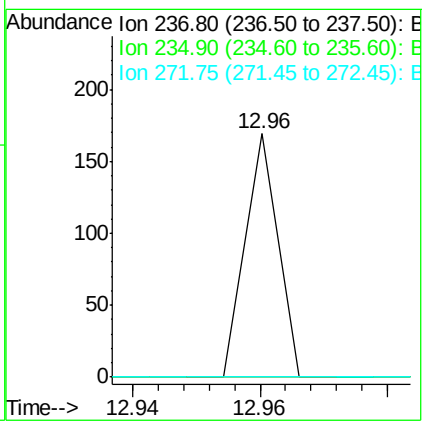


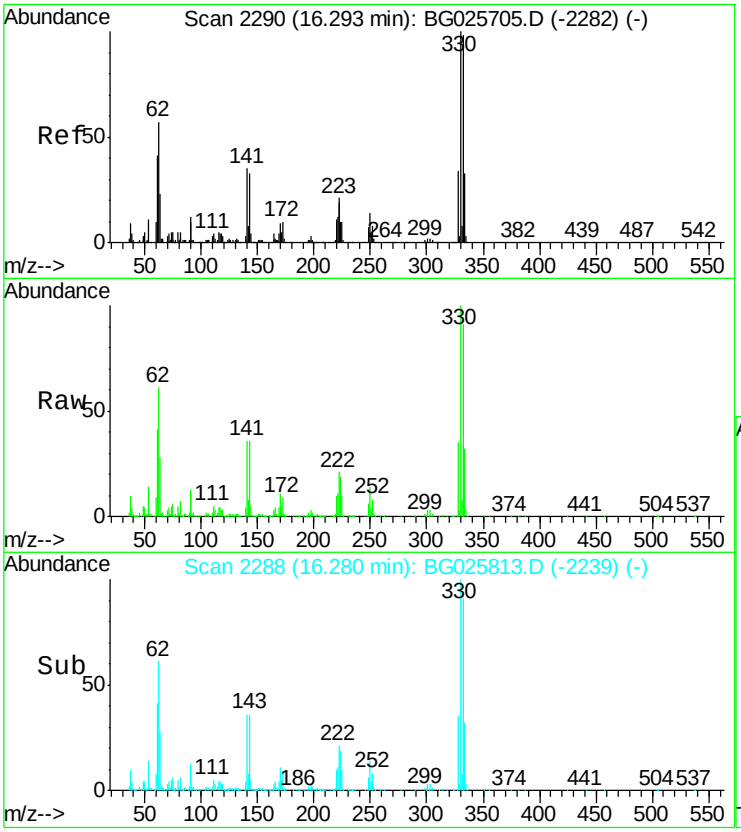


#40
Hexachlorocyclopentadiene
Concen: 10.73 ng
RT: 12.96 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Tgt Ion:237 Resp: 60

Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



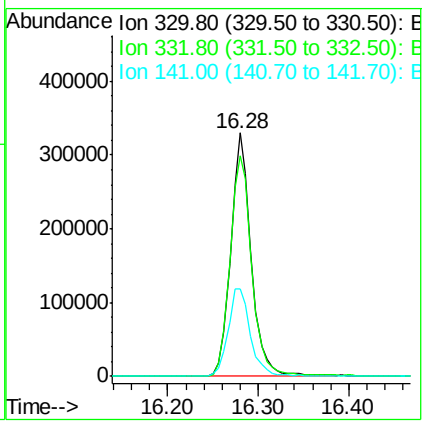


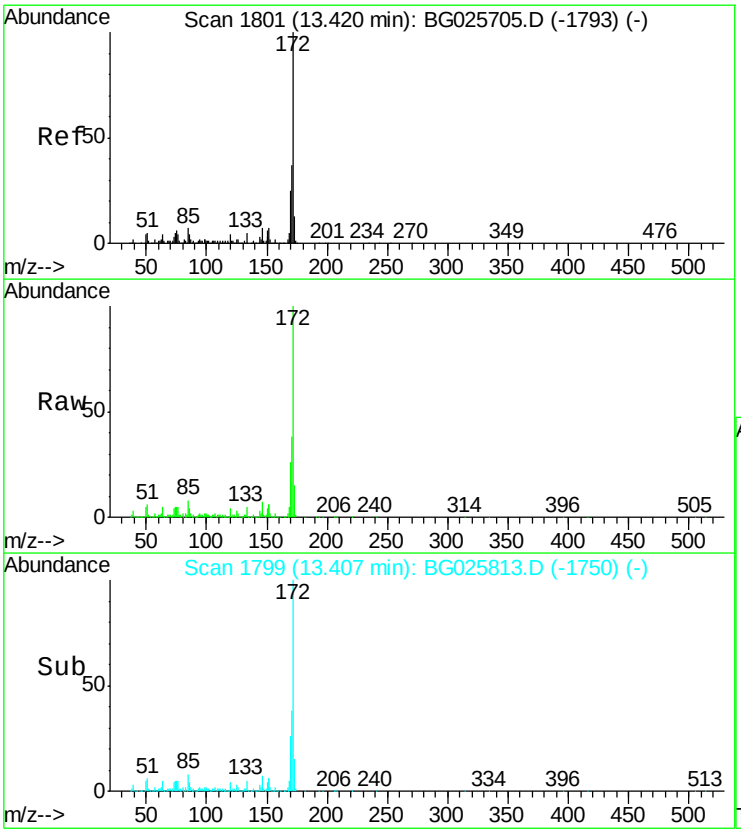
#41
2,4,6-Tribromophenol
Concen: 410.24 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Instrument :
BNA_G
ClientSampleId :
B2-9

Tgt Ion:330 Resp: 517614

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	39.7	32.1	48.1

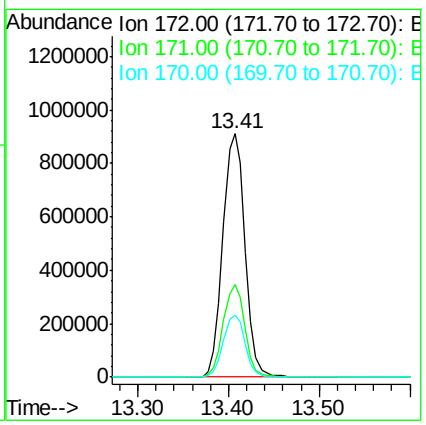


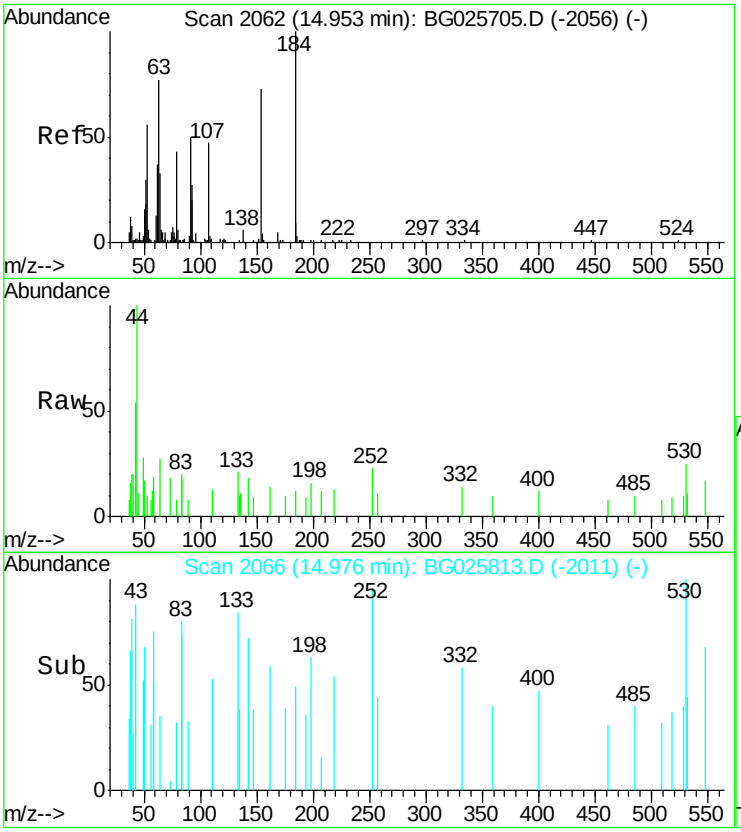


#44
2-Fluorobiphenyl
Concen: 282.83 ng
RT: 13.41 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Tgt Ion:172 Resp: 1540725

Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	25.7	21.8	32.6



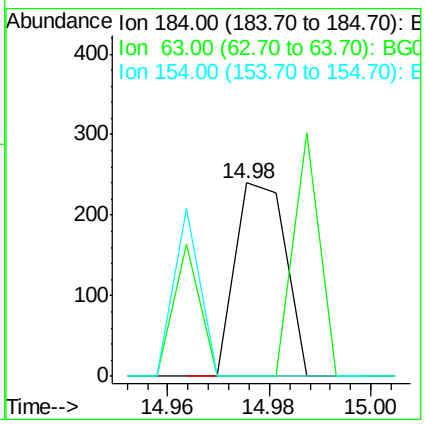


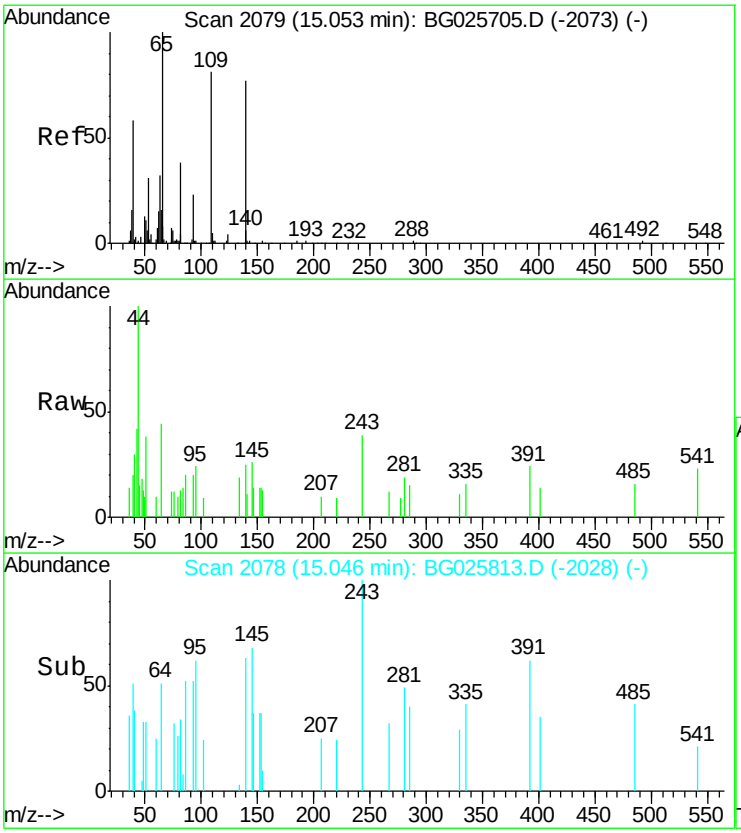
#53
2,4-Dinitrophenol
Concen: 9.60 ng
RT: 14.98 min Scan# 2066
Delta R.T. 0.02 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Instrument :
BNA_G
ClientSampleId :
B2-9

Tgt Ion:184 Resp: 165

Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#

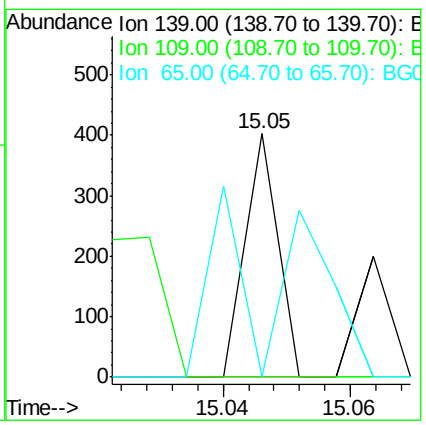


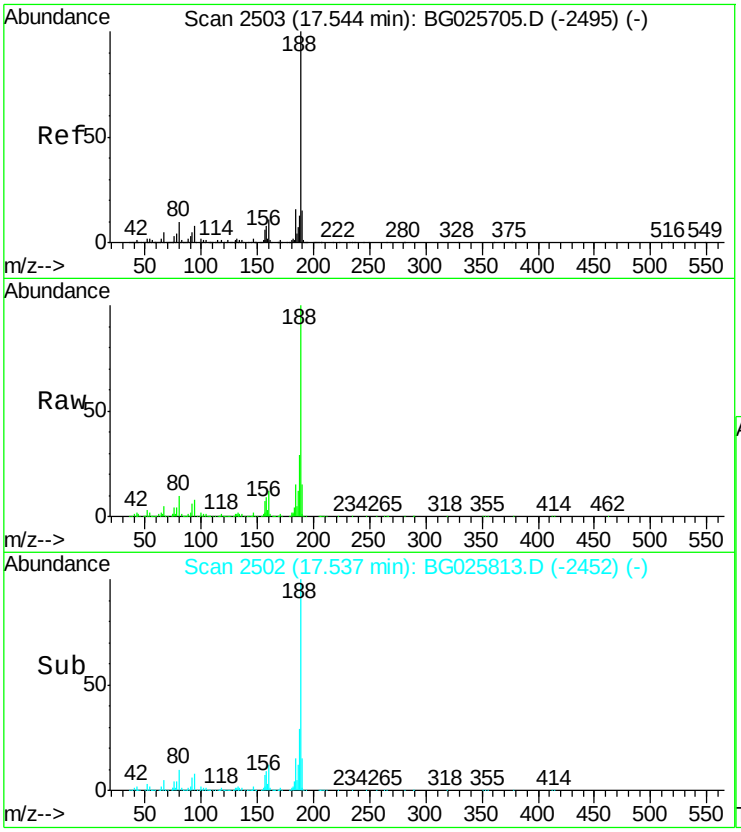


#55
4-Nitrophenol
Concen: 5.70 ng
RT: 15.05 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Tgt Ion:139 Resp: 142

Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#



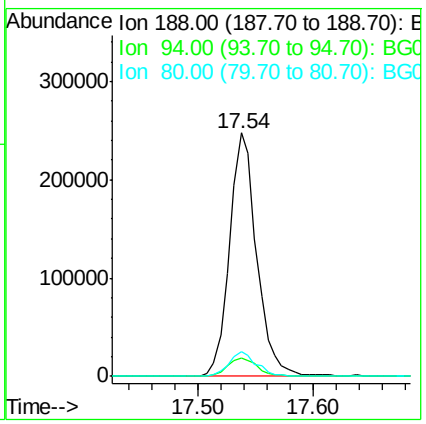


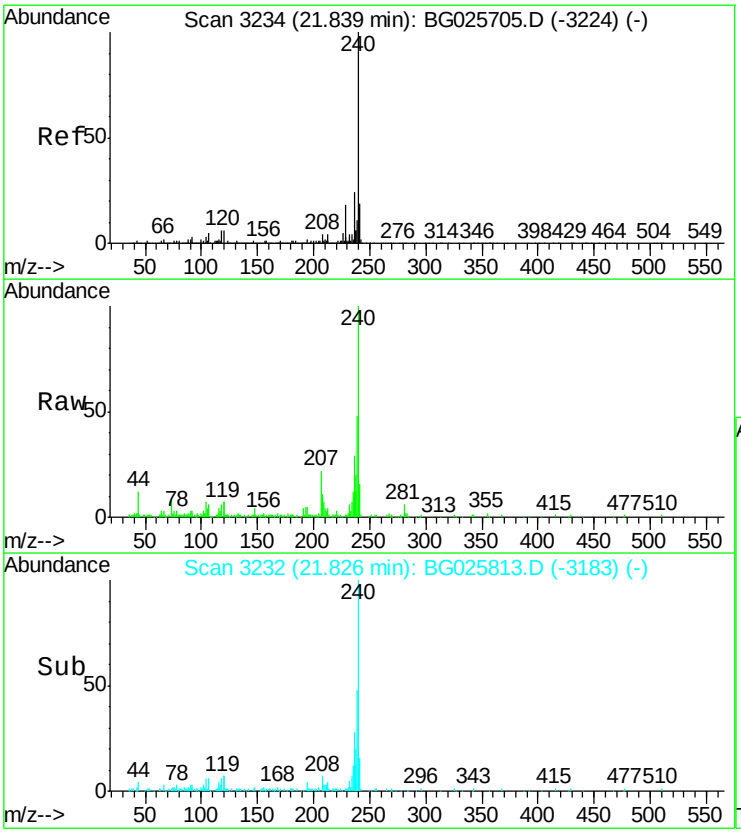
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Instrument :
BNA_G
ClientSampleId :
B2-9

Tgt Ion:188 Resp: 402572

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.8
80	10.1	7.5	11.3

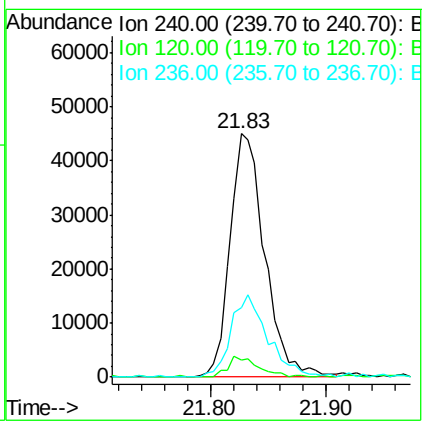


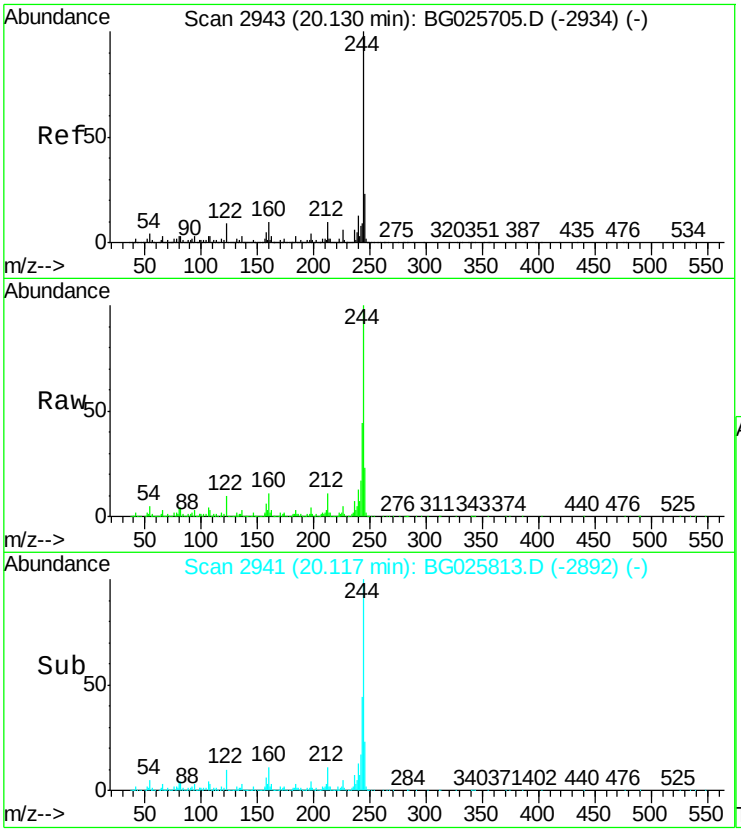


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Tgt Ion:240 Resp: 93652

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.7	8.5
236	28.5	22.2	33.4



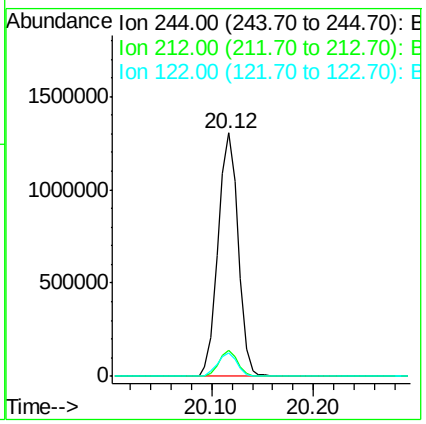


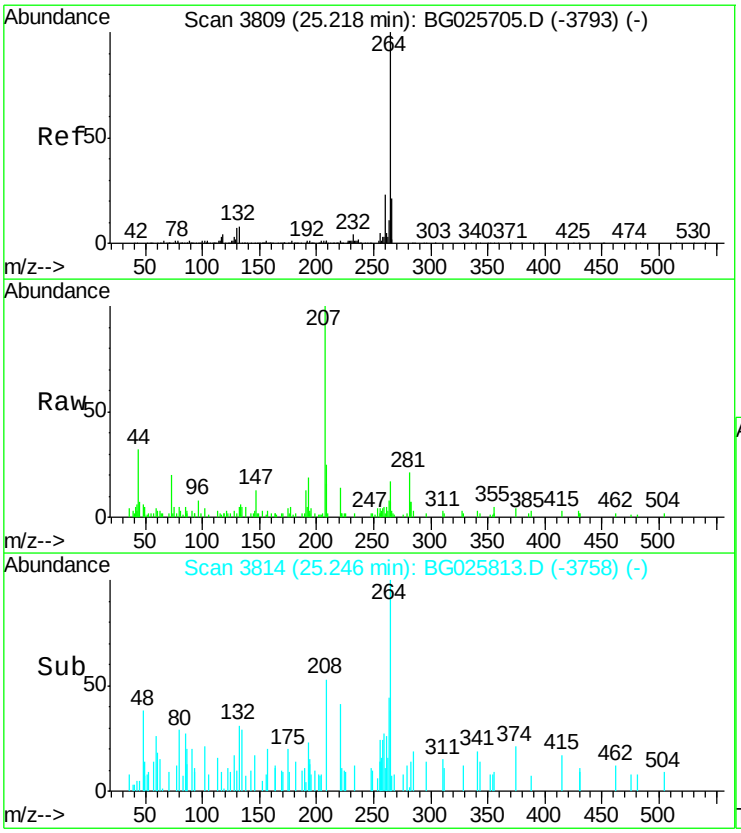
#78
Terphenyl-d14
Concen: 462.24 ng
RT: 20.12 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Instrument :
BNA_G
ClientSampleId :
B2-9

Tgt Ion:244 Resp: 1793496

Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.0	15.0
122	9.7	8.6	12.8

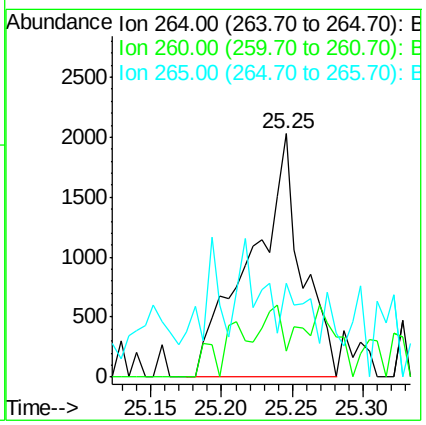


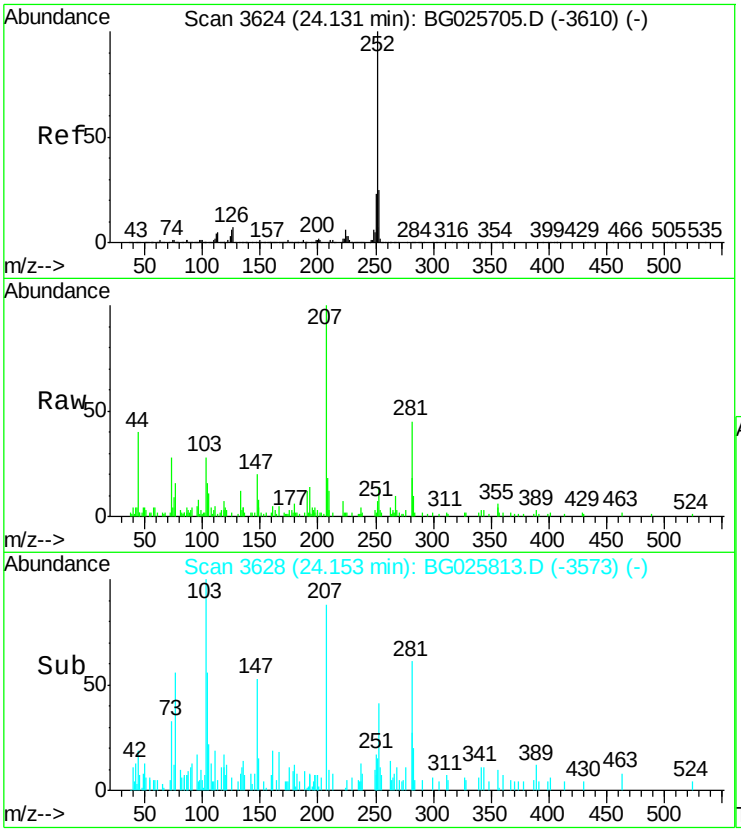


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3814
Delta R.T. 0.03 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Tgt Ion:264 Resp: 5047

Ion	Ratio	Lower	Upper
264	100		
260	10.6	21.8	32.8#
265	38.3	18.2	27.4#



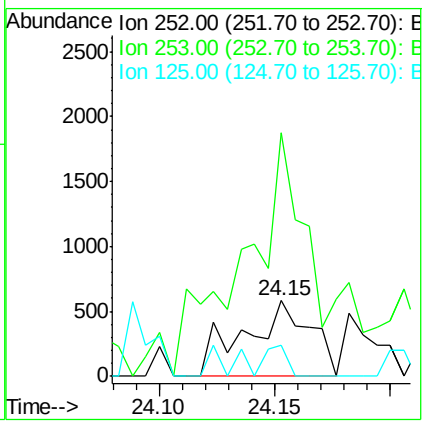


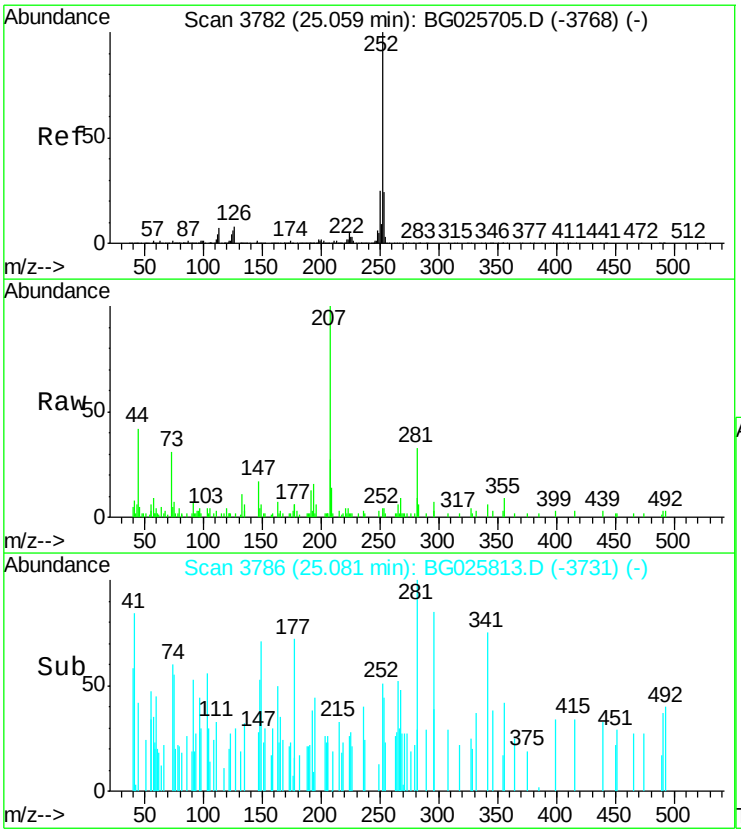
#87
Benzo(b)fluoranthene
Concen: 3.94 ng
RT: 24.15 min Scan# 3628
Delta R.T. 0.02 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Instrument :
BNA_G
ClientSampleId :
B2-9

Tgt Ion:252 Resp: 1150

Ion	Ratio	Lower	Upper
252	100		
253	321.4	18.7	28.1#
125	40.3	5.3	7.9#





#89
Benzo(a)pyrene
Concen: 2.13 ng
RT: 25.08 min Scan# 3786
Delta R.T. 0.02 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Tgt Ion:252 Resp: 590

Ion	Ratio	Lower	Upper
252	100		
253	85.6	19.2	28.8#
125	0.0	5.4	8.0#