Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091117\
Data File : BG028655.D
Acq On : 12 Sep 2017 00:26
Operator : SJ/JU
Sample : I5123-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-25

Quant Time: Sep 12 06:26:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 18:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	40542	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	157397	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	113302	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	303450	20.00	ng		0.00
75) Chrysene-d12	22.03	240	349323	20.00	ng		0.00
86) Perylene-d12	25.53	264	349421	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	305813	127.01	ng		0.00
7) Phenol-d6	7.49	99	438012	125.41	ng		0.00
23) Nitrobenzene-d5	9.50	82	276208	80.58	ng		0.00
41) 2,4,6-Tribromophenol	16.43	330	240310	139.55	ng		0.00
44) 2-Fluorobiphenyl	13.57	172	708113	81.76	ng		0.00
78) Terphenyl-d14	20.28	244	1218471	75.15	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.52	94	10765	2.846	ng		96
49) Dimethylphthalate	14.38	163	109474	11.727	ng		98
83) Bis(2-ethylhexyl)phthalate	21.86	149	25568	2.214	ng	#	97

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

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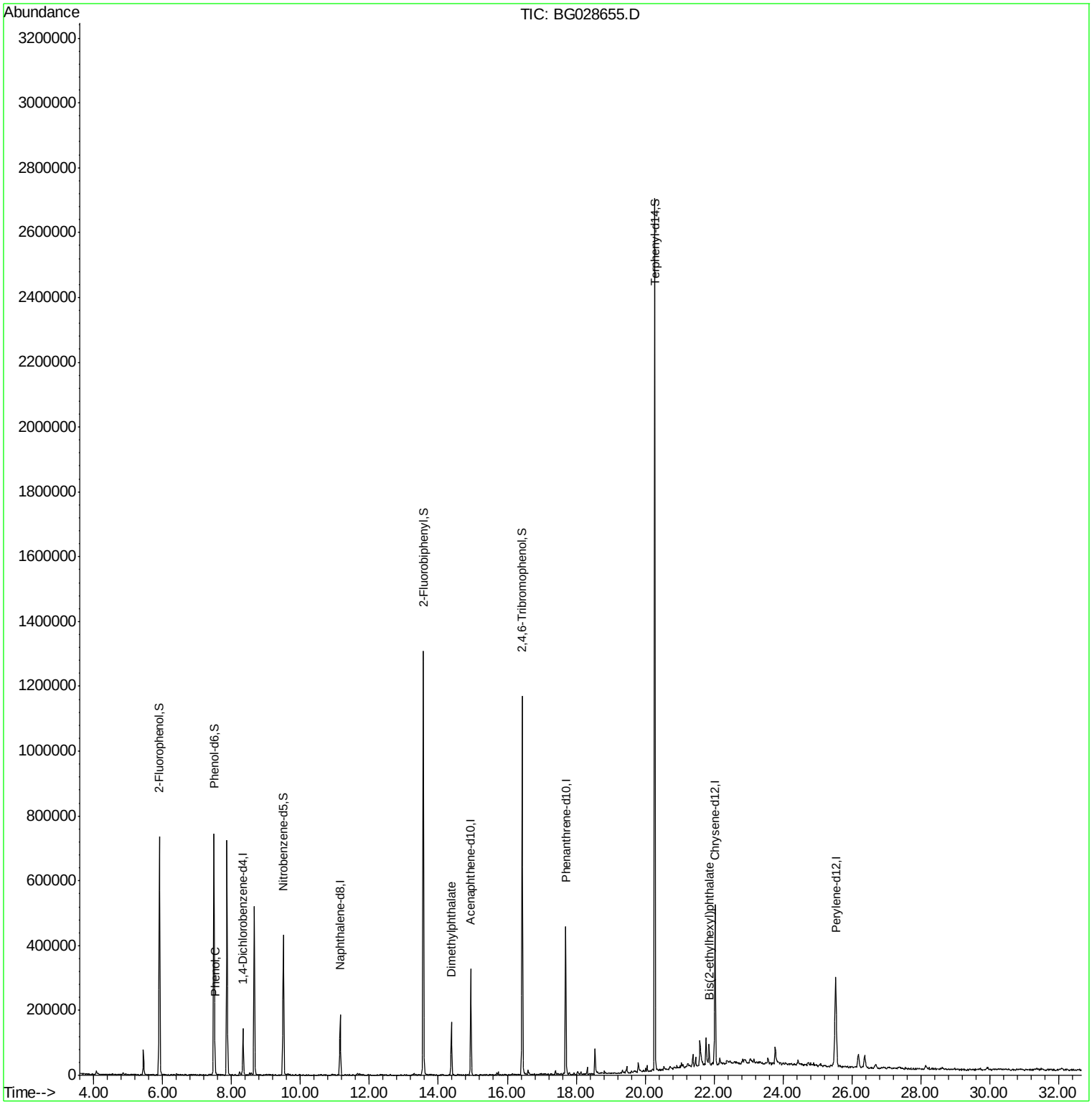
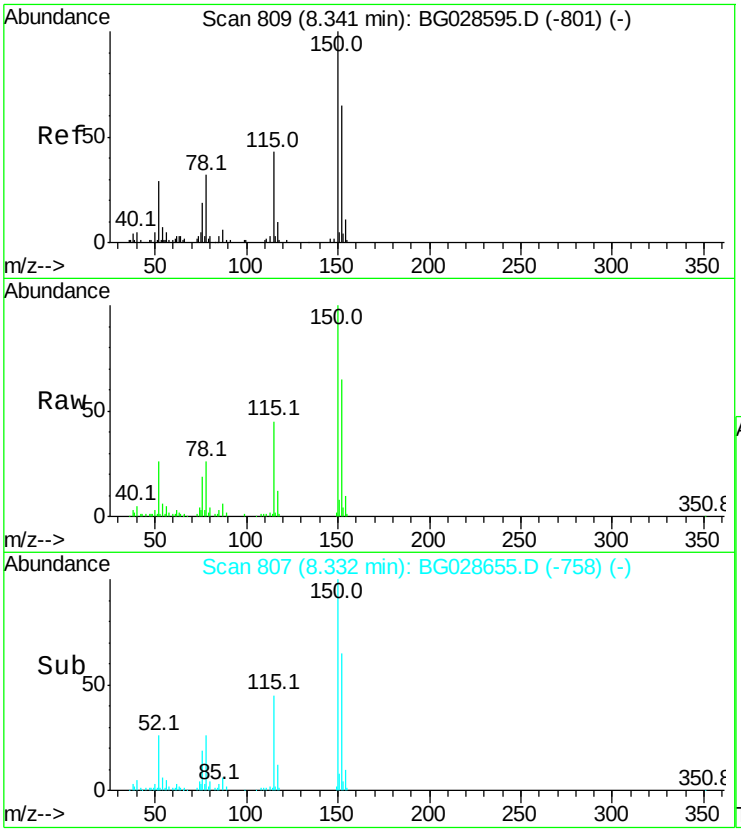


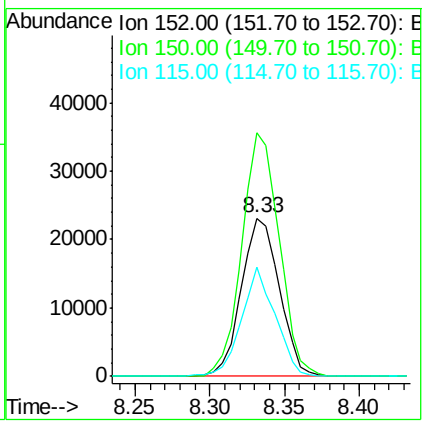


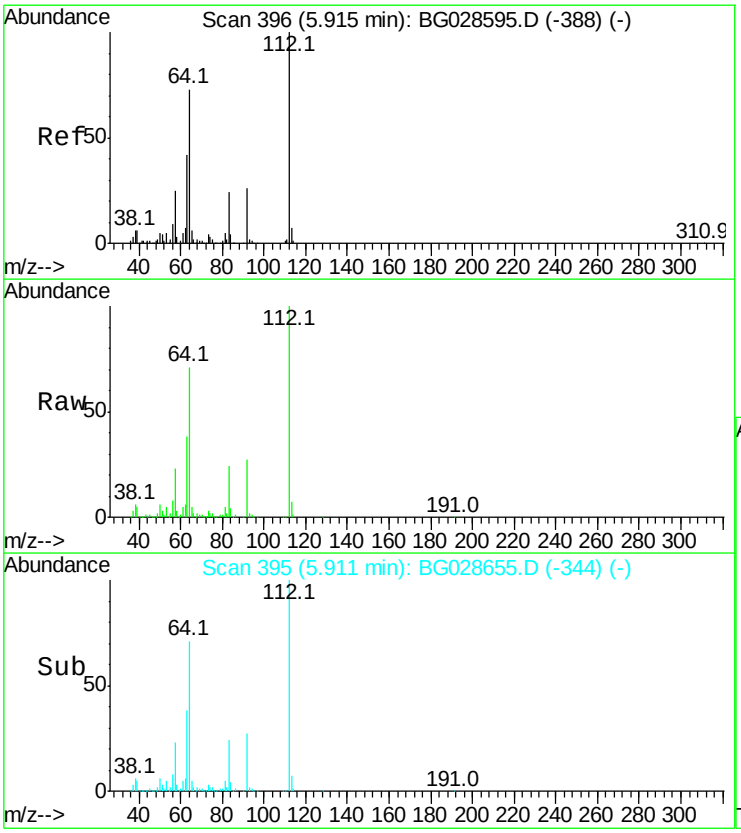
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Instrument :
BNA_G
ClientSampleId :
EP-25

Tgt Ion:152 Resp: 40542

Ion	Ratio	Lower	Upper
152	100		
150	153.9	114.0	171.0
115	69.1	48.1	72.1

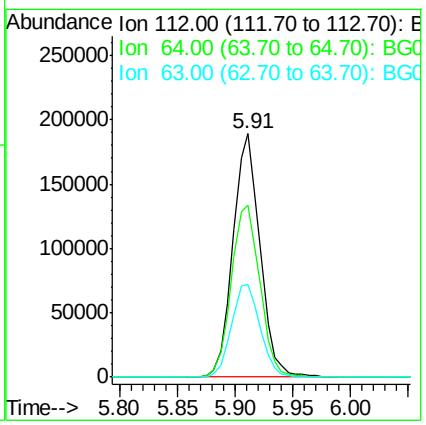


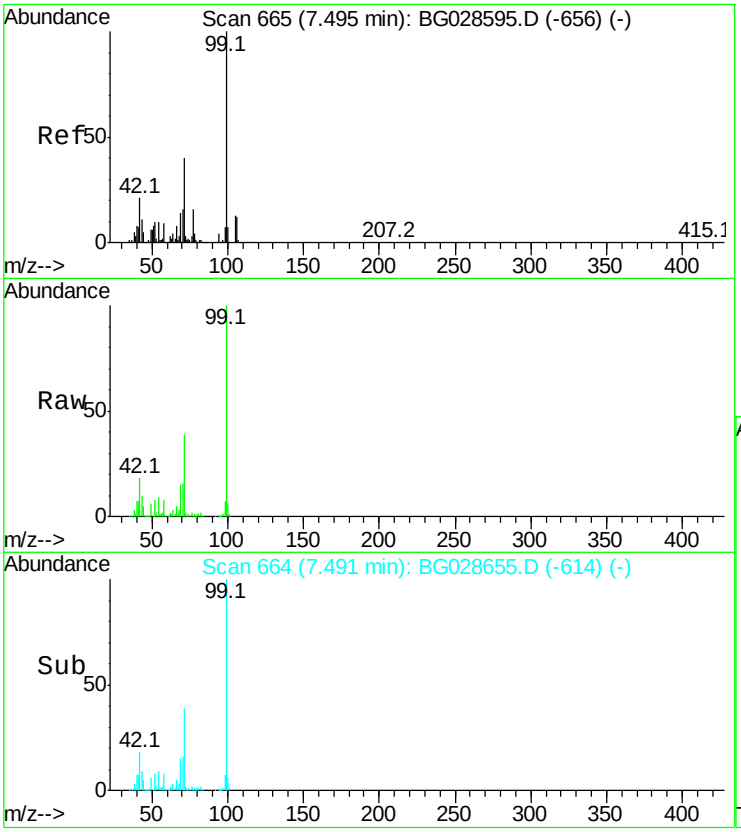


#5
2-Fluorophenol
Concen: 127.006 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Tgt Ion:112 Resp: 305813

Ion	Ratio	Lower	Upper
112	100		
64	70.6	61.8	92.6
63	37.9	37.2	55.8



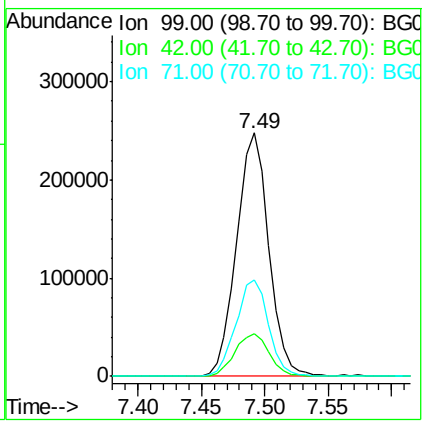


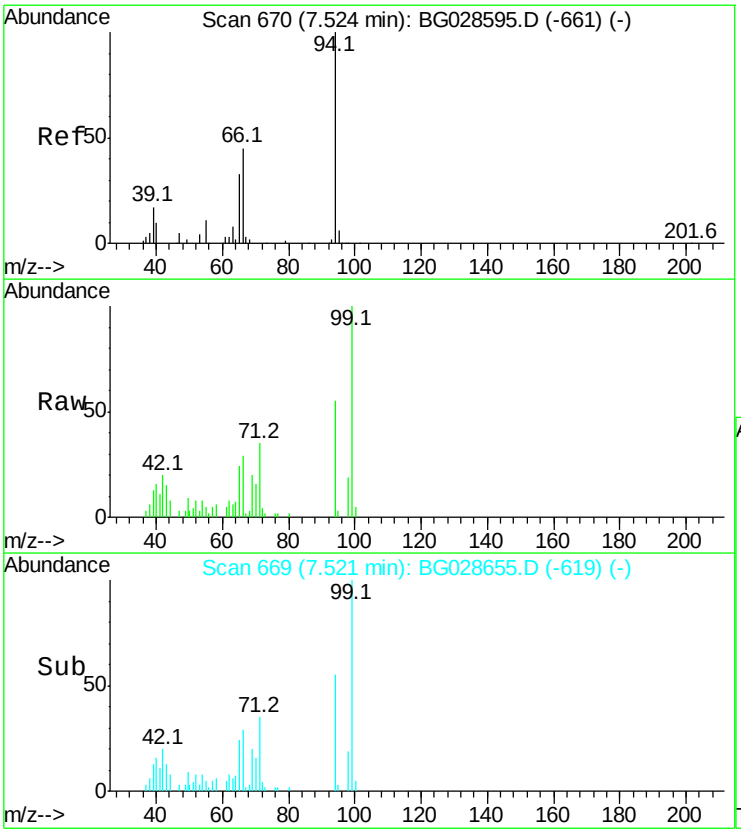
#7
Phenol-d6
Concen: 125.413 ng
RT: 7.49 min Scan# 664
Delta R.T. -0.00 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Instrument :
BNA_G
ClientSampleId :
EP-25

Tgt Ion: 99 Resp: 438012

Ion	Ratio	Lower	Upper
99	100		
42	17.7	20.5	30.7#
71	39.4	37.6	56.4

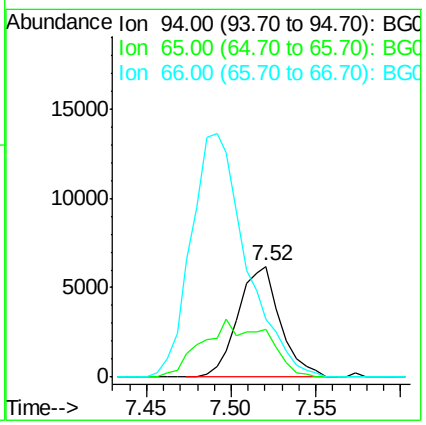


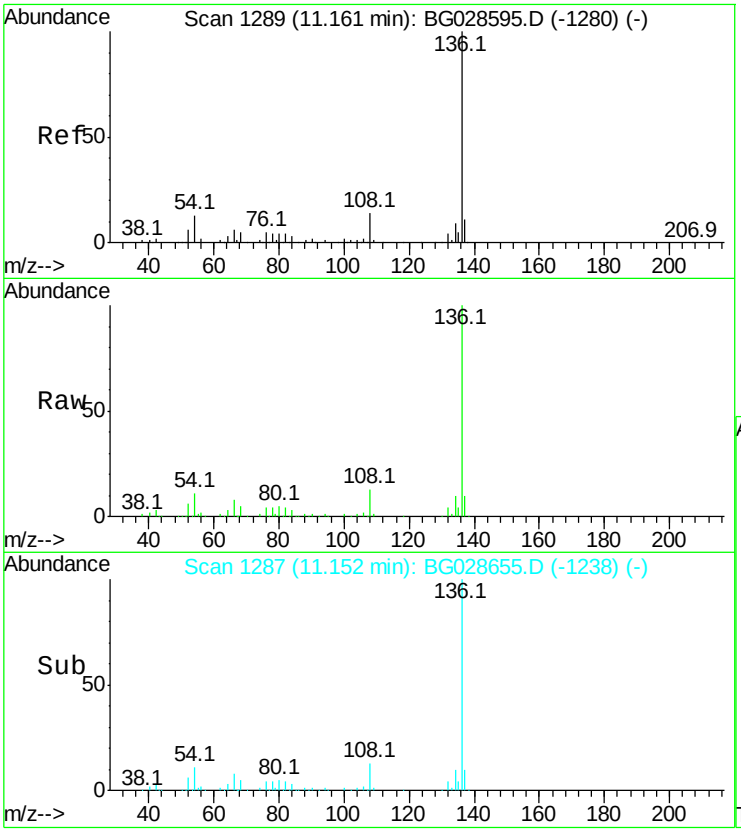


#10
Phenol
Concen: 2.846 ng
RT: 7.52 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Tgt Ion: 94 Resp: 10765

Ion	Ratio	Lower	Upper
94	100		
65	42.7	20.6	60.6
66	52.7	35.5	75.5



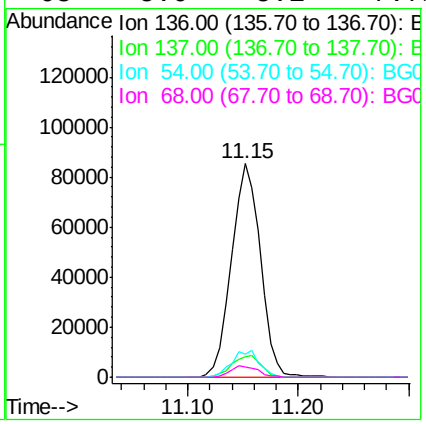


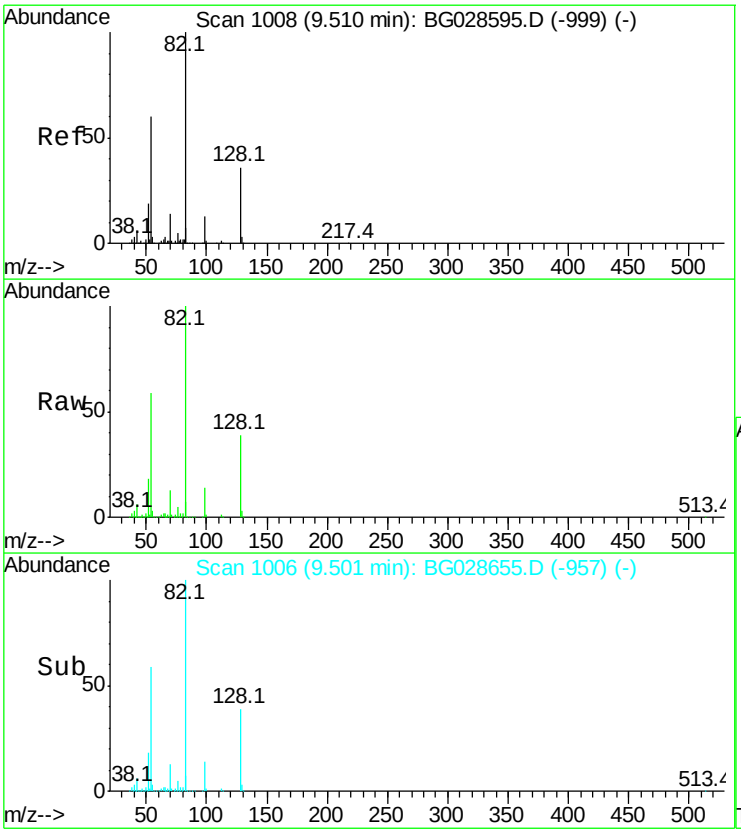
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Instrument :
BNA_G
ClientSampleId :
EP-25

Tgt Ion:136 Resp: 157397

Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.9	13.3
54	11.1	9.3	13.9
68	5.0	5.1	7.7#

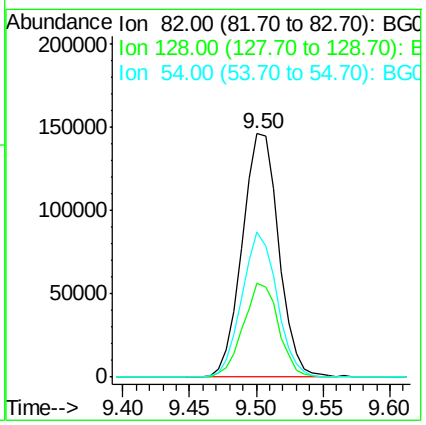


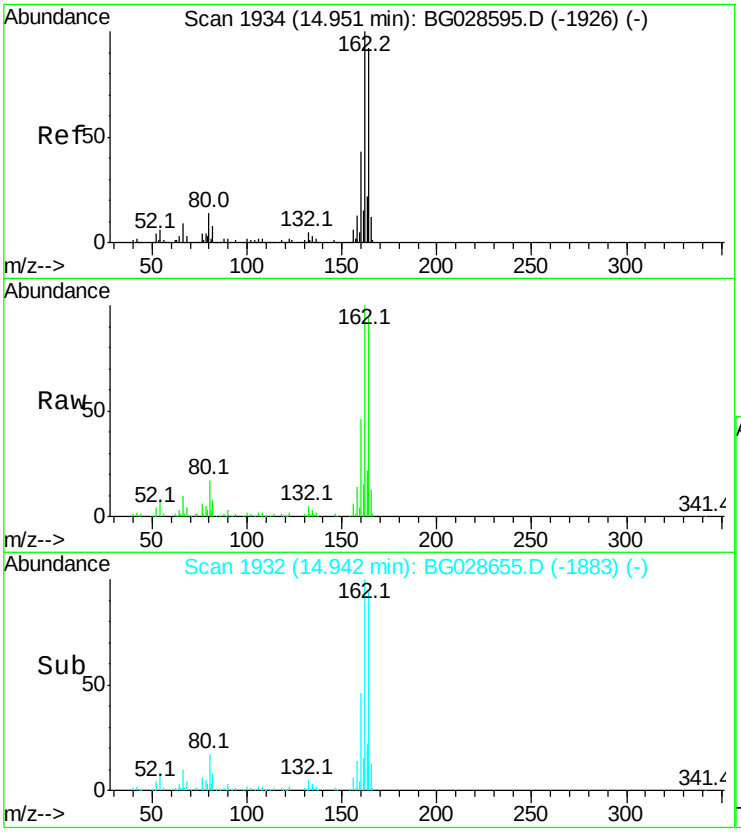


#23
Nitrobenzene-d5
Concen: 80.579 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Tgt Ion: 82 Resp: 276208

Ion	Ratio	Lower	Upper
82	100		
128	38.6	26.4	39.6
54	59.4	49.4	74.2



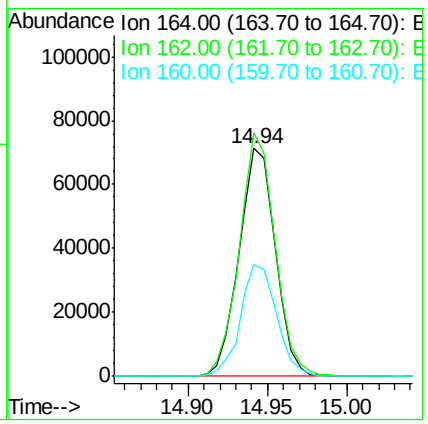


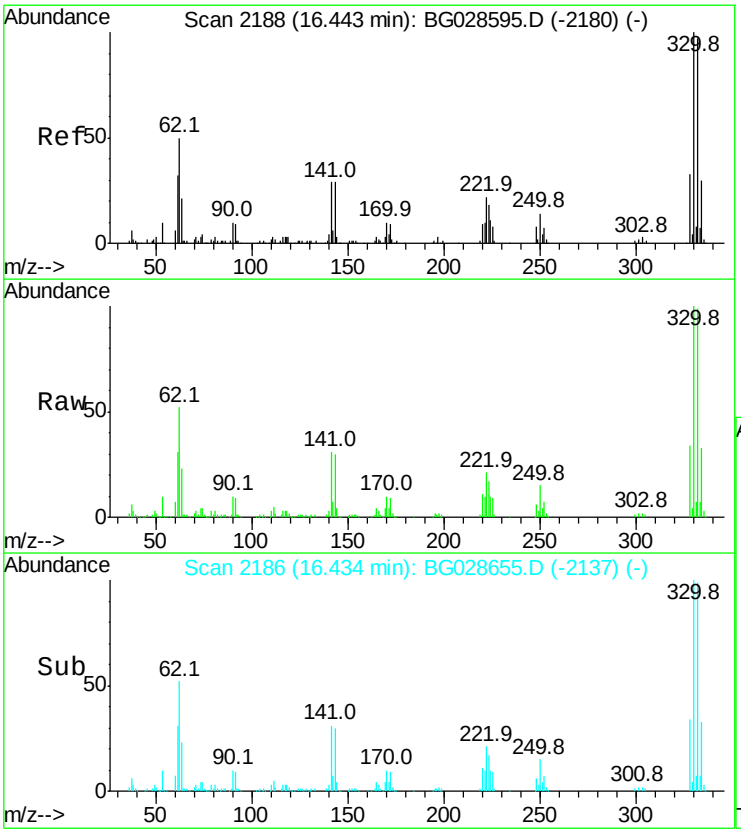
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Instrument :
BNA_G
ClientSampleId :
EP-25

Tgt Ion:164 Resp: 113302

Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.1	127.7
160	48.9	34.7	52.1

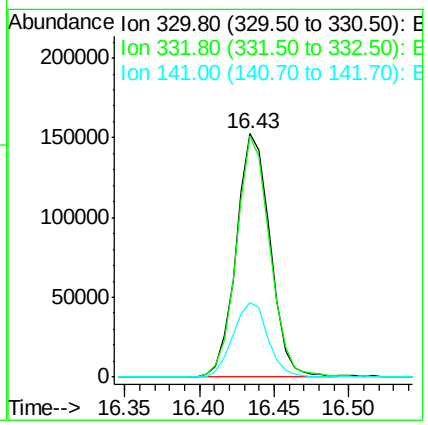


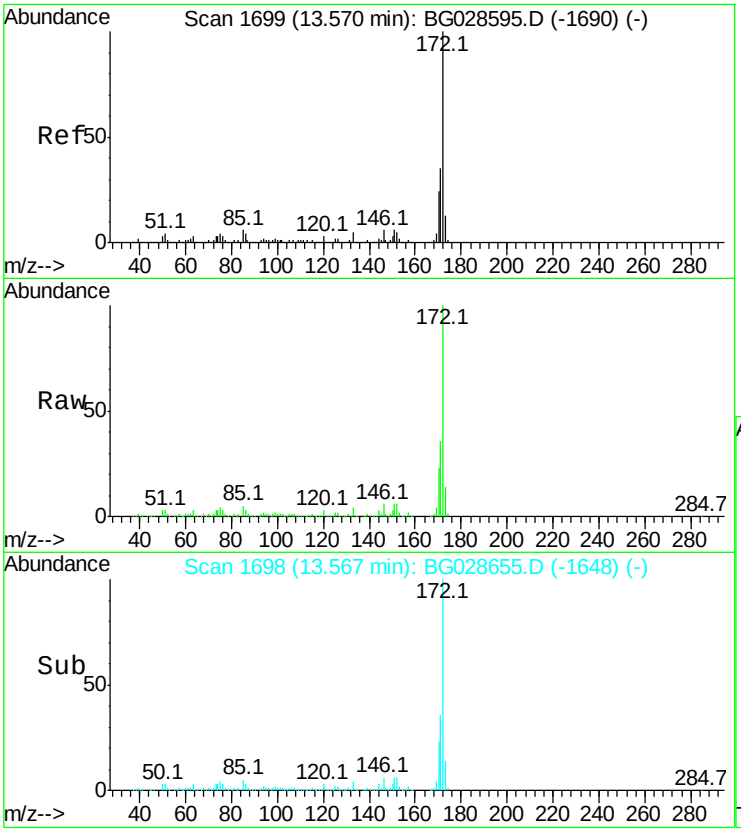


#41
2,4,6-Tribromophenol
Concen: 139.547 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Tgt Ion:330 Resp: 240310

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	31.6	32.1	48.1#



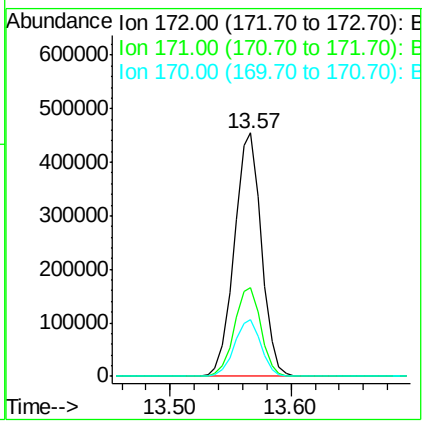


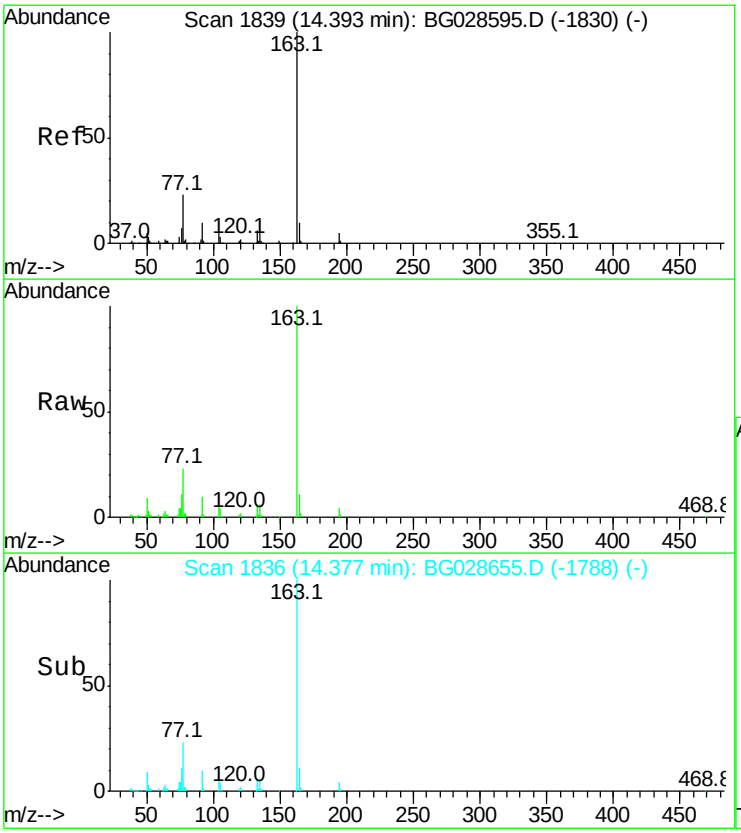
#44
2-Fluorobiphenyl
Concen: 81.761 ng
RT: 13.57 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Instrument :
BNA_G
ClientSampleId :
EP-25

Tgt Ion:172 Resp: 708113

Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	23.5	21.8	32.6

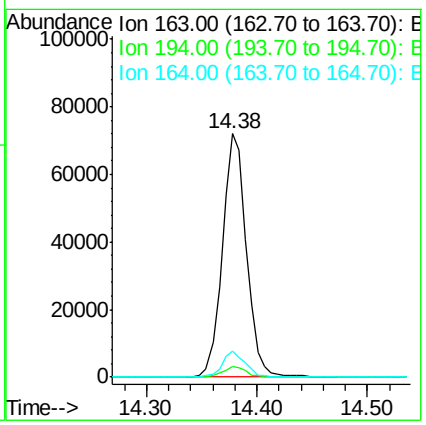


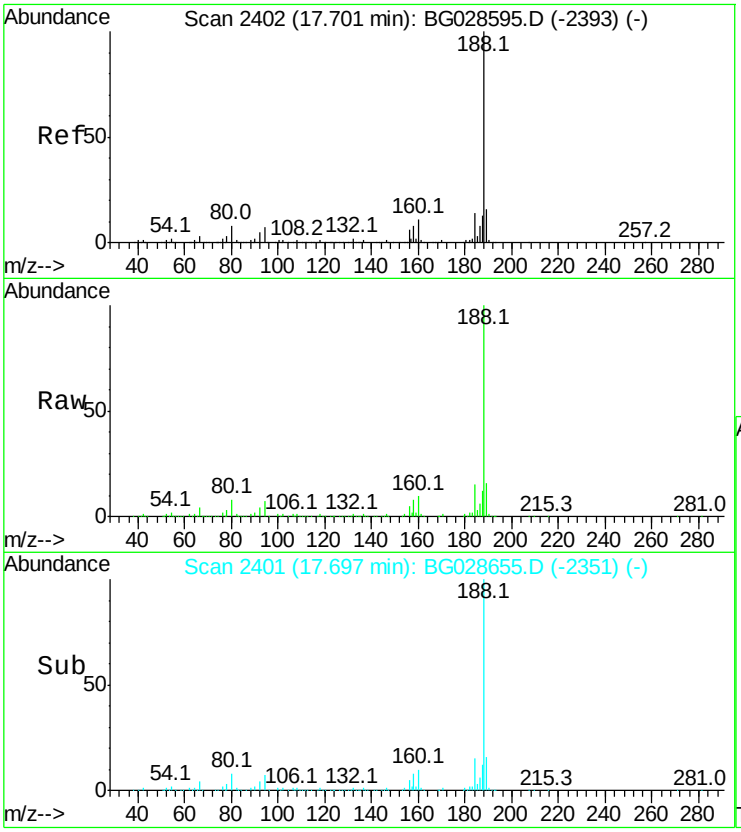


#49
Dimethylphthalate
Concen: 11.727 ng
RT: 14.38 min Scan# 1836
Delta R.T. -0.02 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Tgt Ion:163 Resp: 109474

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	10.8	9.3	13.9



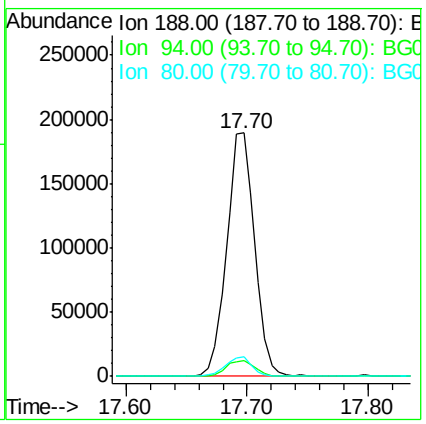


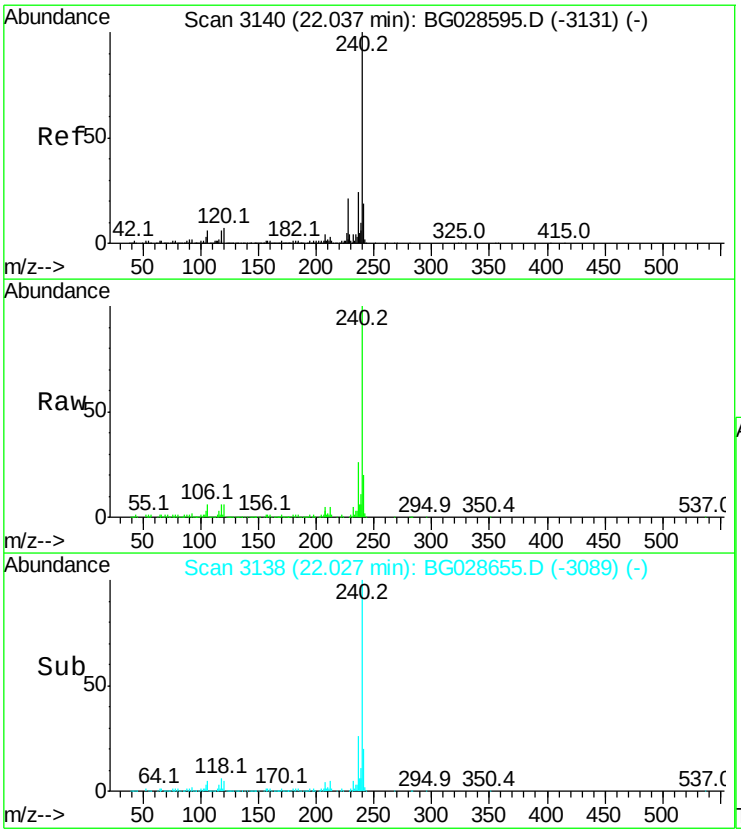
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Instrument :
BNA_G
ClientSampleId :
EP-25

Tgt Ion:188 Resp: 303450

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	8.1	7.5	11.3

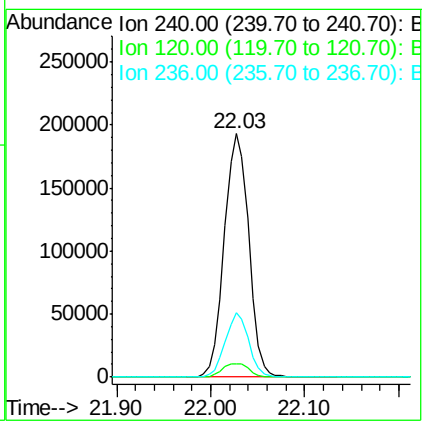


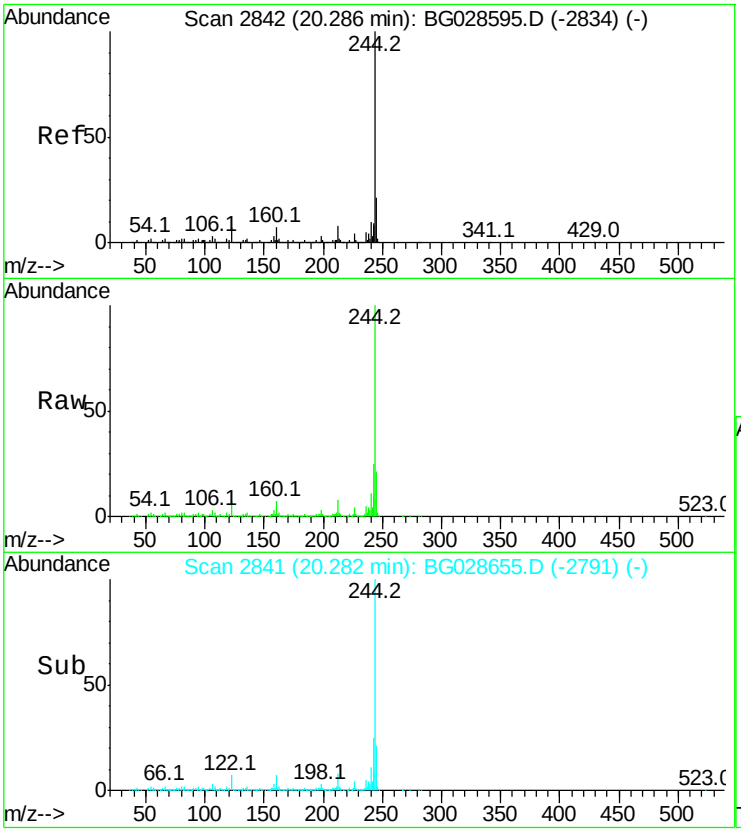


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Tgt Ion:240 Resp: 349323

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	26.4	22.2	33.4



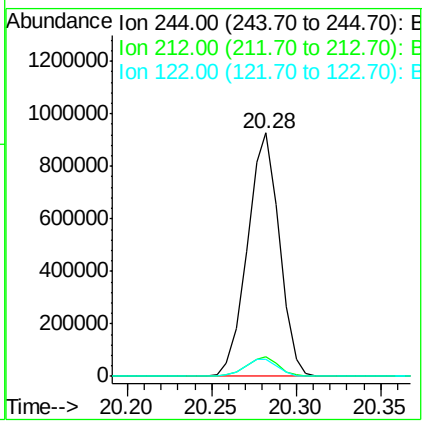


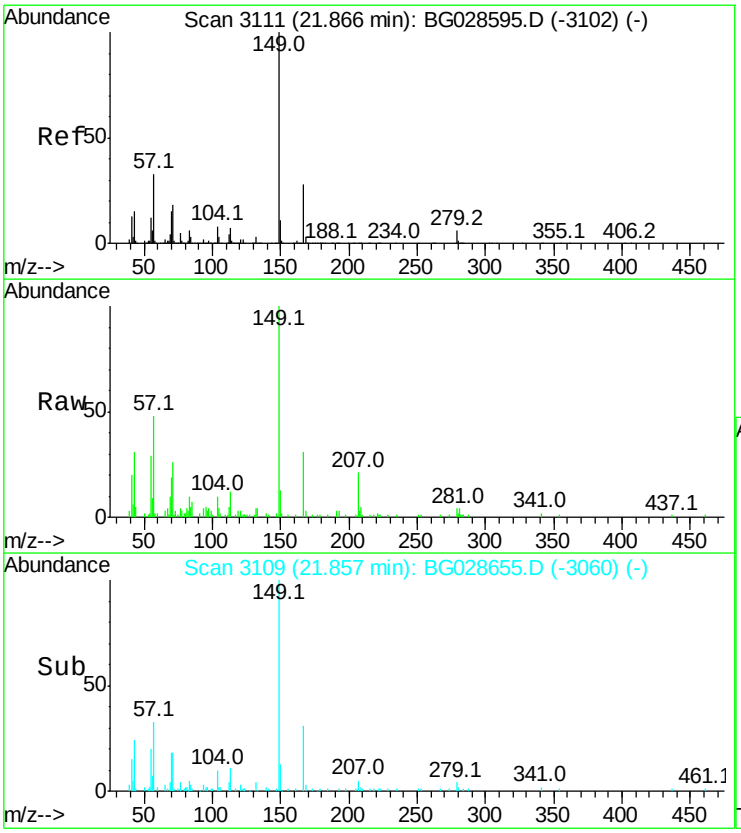
#78
Terphenyl-d14
Concen: 75.152 ng
RT: 20.28 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Instrument :
BNA_G
ClientSampleId :
EP-25

Tgt Ion:244 Resp: 1218471

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	7.0	8.6	12.8#

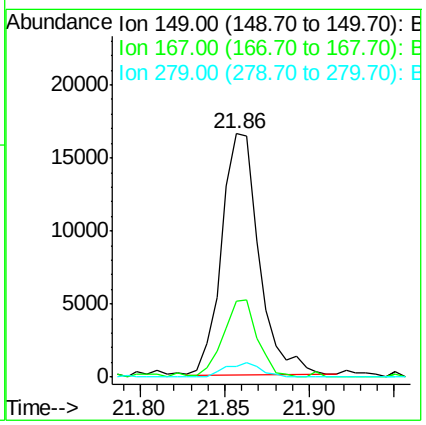


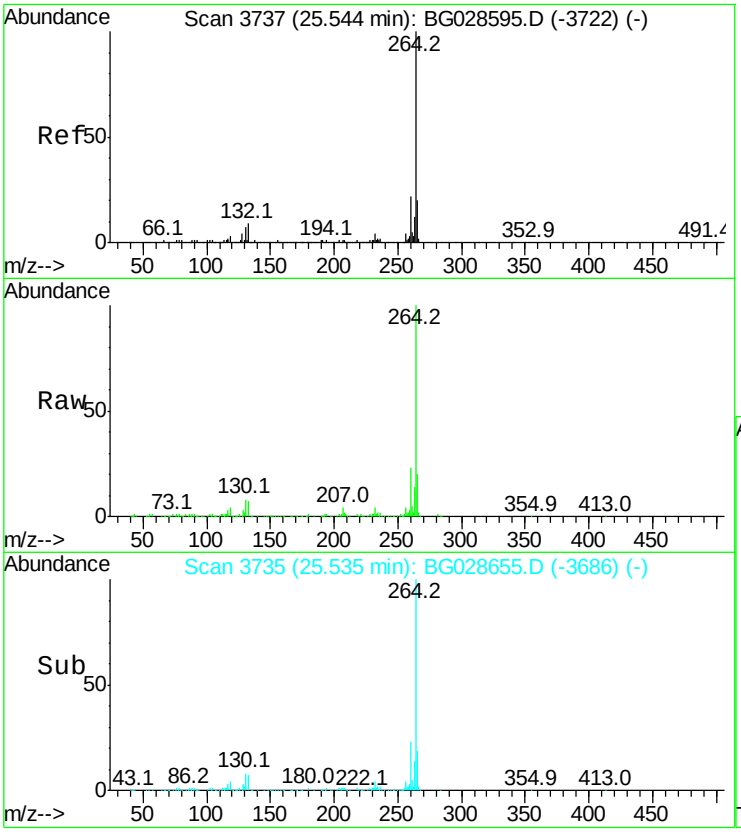


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.214 ng
RT: 21.86 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Tgt Ion:149 Resp: 25568

Ion	Ratio	Lower	Upper
149	100		
167	31.1	23.7	35.5
279	4.4	4.6	6.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG028655.D
Acq: 12 Sep 2017 00:26

Instrument :
BNA_G
ClientSampleId :
EP-25

Tgt Ion:264 Resp: 349421

Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	19.6	18.2	27.4