Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032325.D
Acq On : 26 Jan 2018 11:39
Operator : SJ/JU
Sample : J1020-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-02-012418-D

Quant Time: Jan 26 12:30:11 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	33101	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	131516	20.00	ng	-0.01
38) Acenaphthene-d10	15.36	164	101440	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	296684	20.00	ng	0.00
75) Chrysene-d12	22.41	240	366572	20.00	ng	-0.01
86) Perylene-d12	26.09	264	387154	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	258008	142.56	ng	0.00
7) Phenol-d6	7.84	99	304401	133.54	ng	0.00
23) Nitrobenzene-d5	9.92	82	230535	118.59	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	331180	197.30	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	824976	100.84	ng	0.00
78) Terphenyl-d14	20.63	244	1832676	110.39	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.65	128	14955	2.295	ng	# 94
37) 2-Methylnaphthalene	13.22	142	11002	2.127	ng	93

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

Quantitation Report (QT Reviewed)

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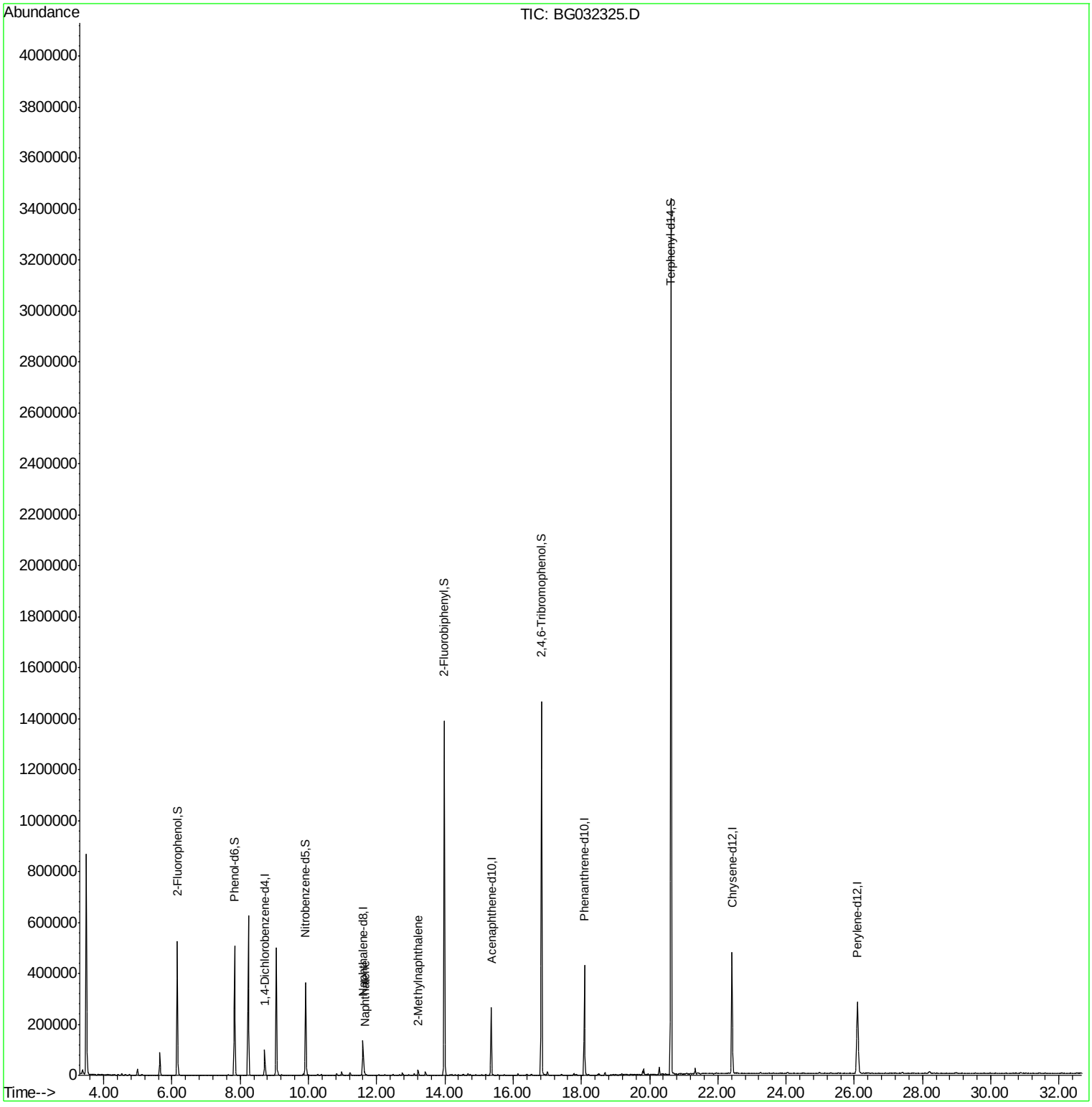
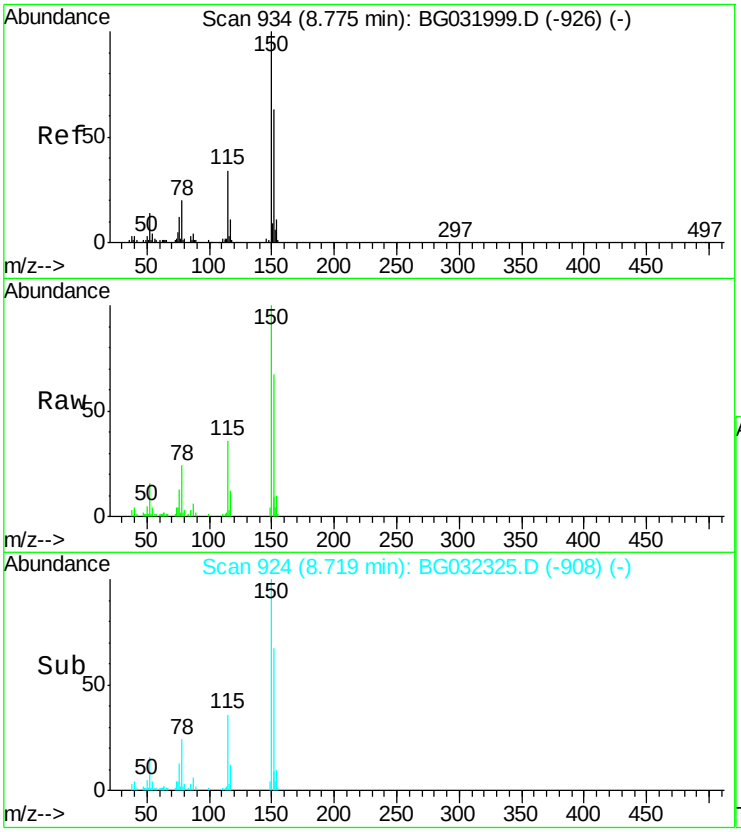


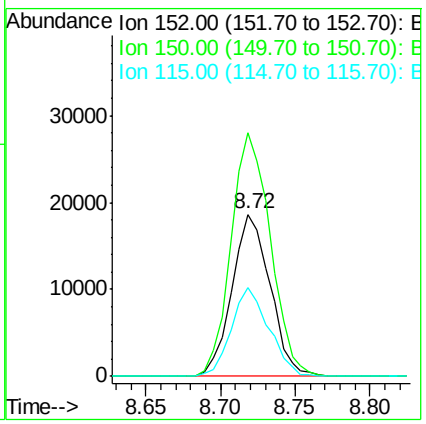


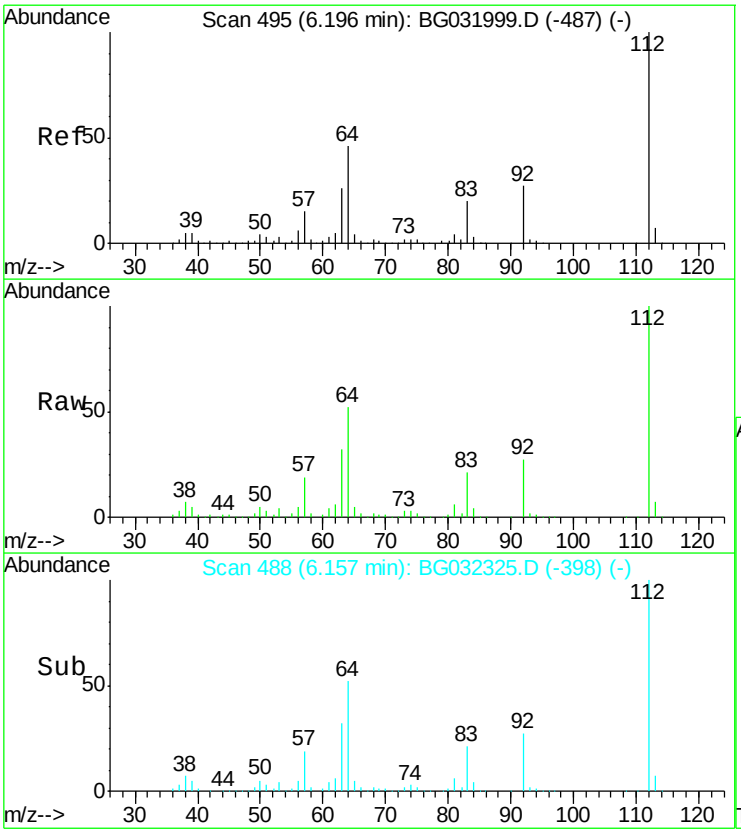
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-D

Tgt Ion:152 Resp: 33101

Ion	Ratio	Lower	Upper
152	100		
150	150.2	126.6	189.8
115	54.6	53.0	79.4

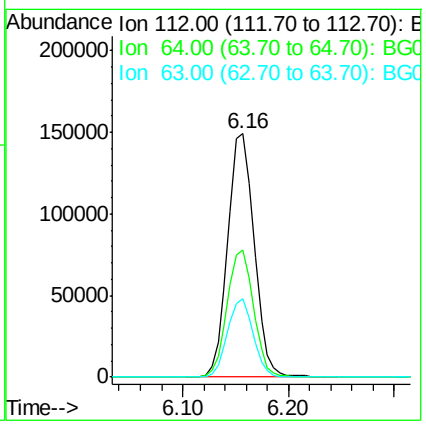


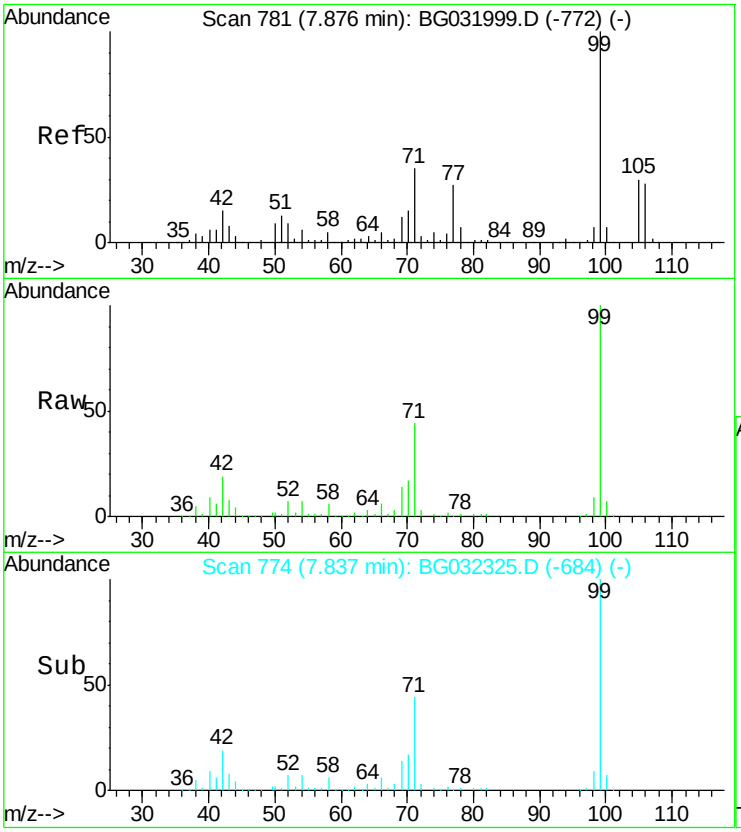


#5
2-Fluorophenol
Concen: 142.557 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Tgt Ion:112 Resp: 258008

Ion	Ratio	Lower	Upper
112	100		
64	52.2	56.3	84.5#
63	32.4	30.1	45.1



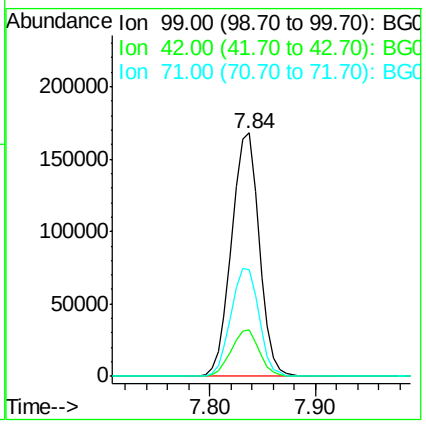


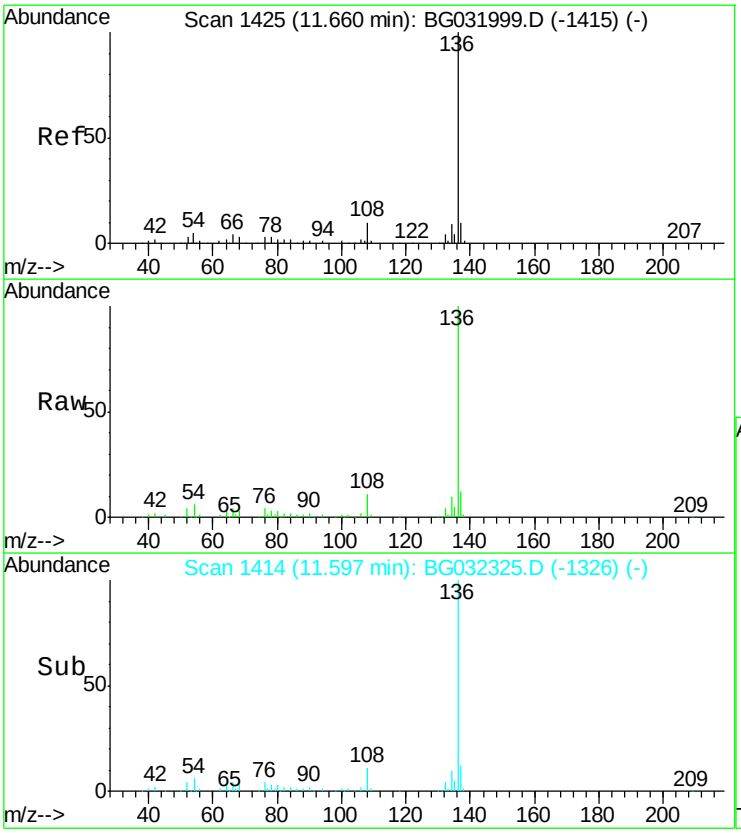
#7
Phenol-d6
Concen: 133.545 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.00 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-D

Tgt Ion: 99 Resp: 304401

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.1	21.1
71	43.8	26.1	39.1#

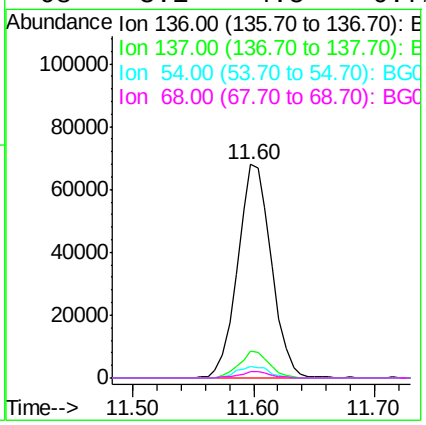


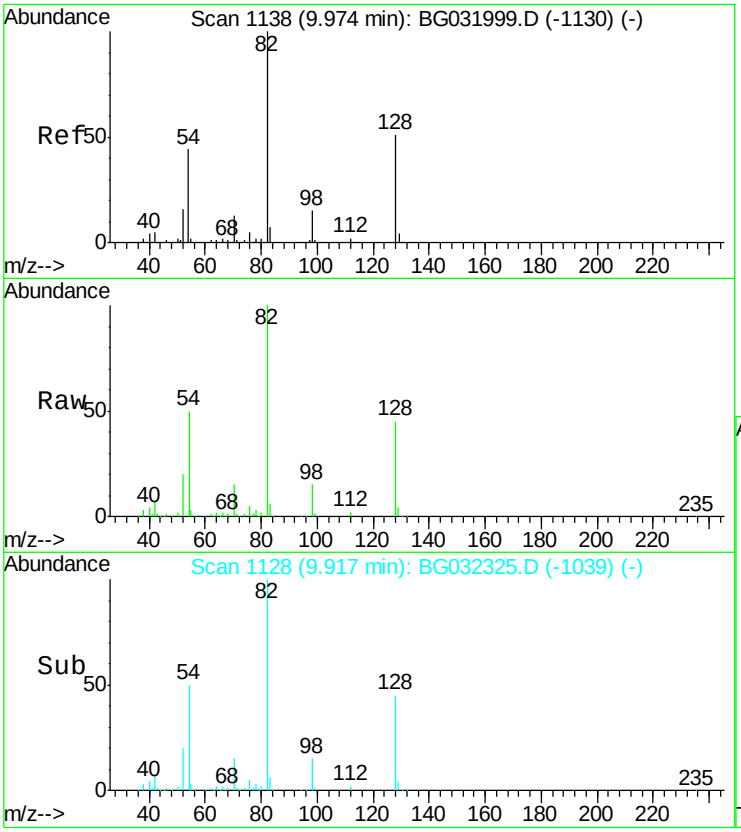


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Tgt Ion:136 Resp: 131516

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	5.6	10.3	15.5#
68	3.1	4.5	6.7#



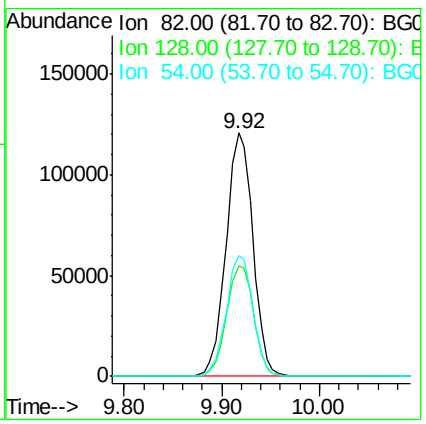


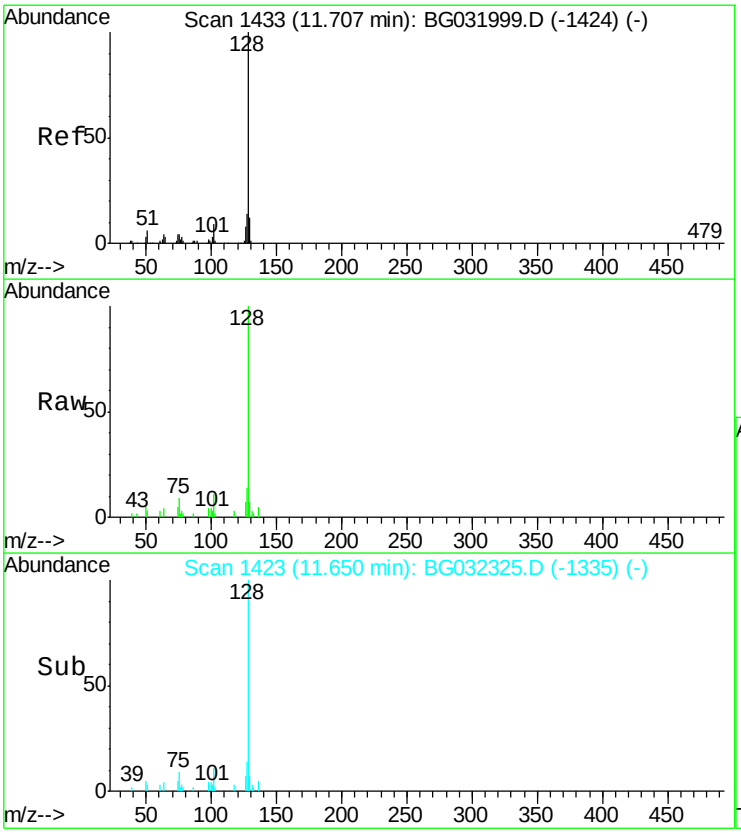
#23
Nitrobenzene-d5
Concen: 118.591 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-D

Tgt Ion: 82 Resp: 230535

Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5#
54	49.7	43.1	64.7

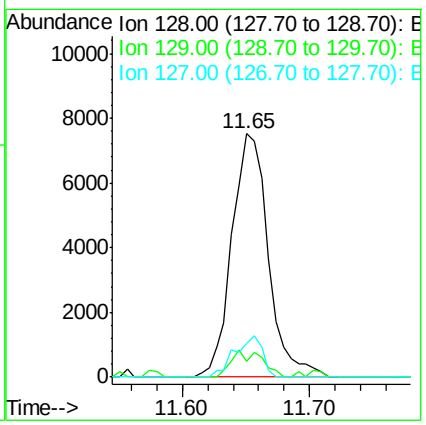


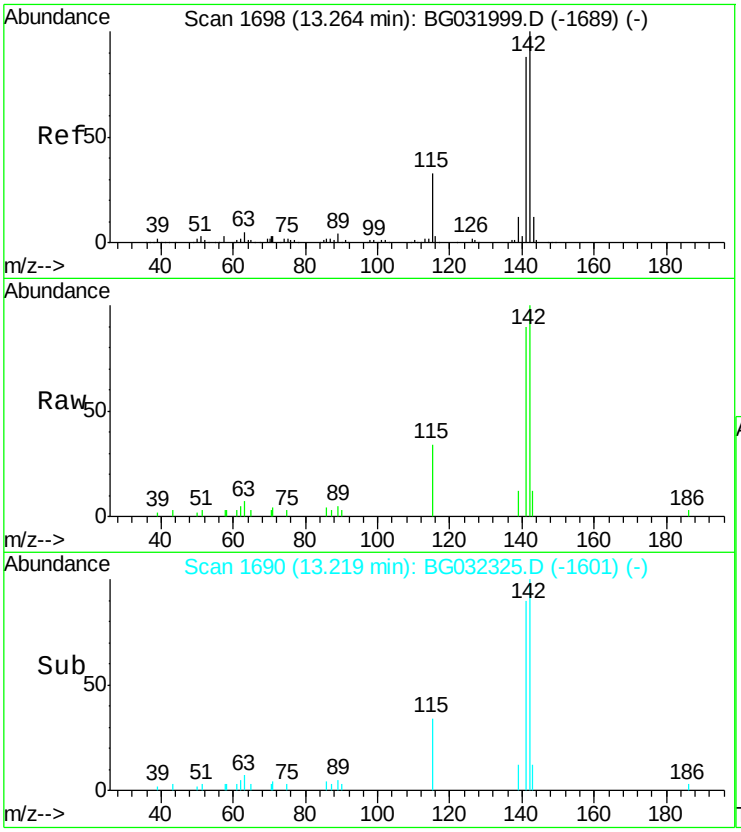


#31
Naphthalene
Concen: 2.295 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Tgt Ion:128 Resp: 14955

Ion	Ratio	Lower	Upper
128	100		
129	6.7	8.6	12.8#
127	13.6	11.6	17.4



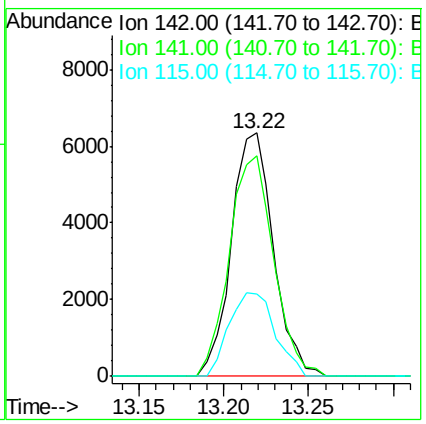


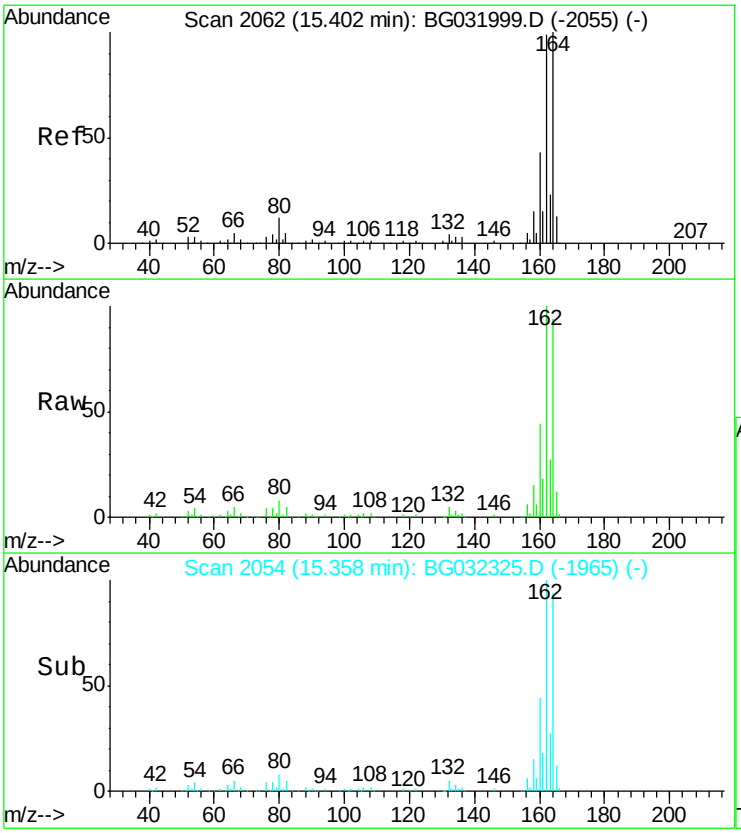
#37
2-Methylnaphthalene
Concen: 2.127 ng
RT: 13.22 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-D

Tgt Ion:142 Resp: 11002

Ion	Ratio	Lower	Upper
142	100		
141	90.4	67.1	100.7
115	34.0	30.7	46.1

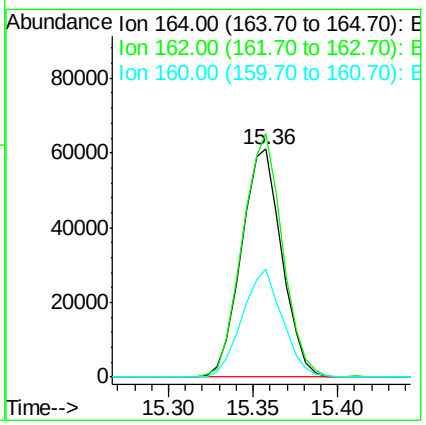


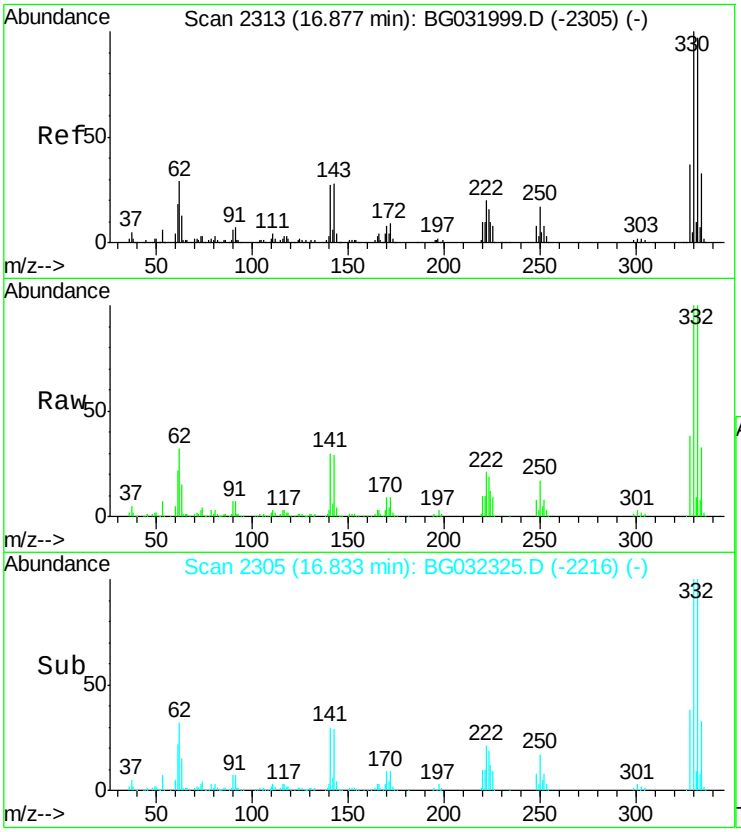


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Tgt Ion:164 Resp: 101440

Ion	Ratio	Lower	Upper
164	100		
162	106.9	78.8	118.2
160	47.4	35.4	53.0



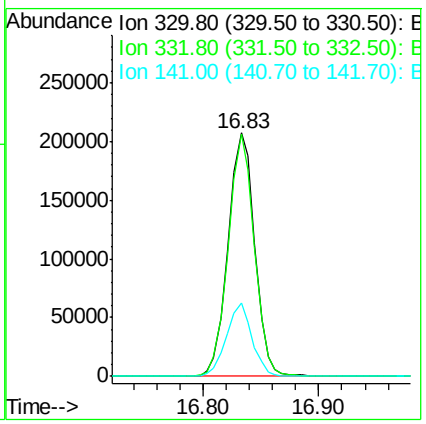


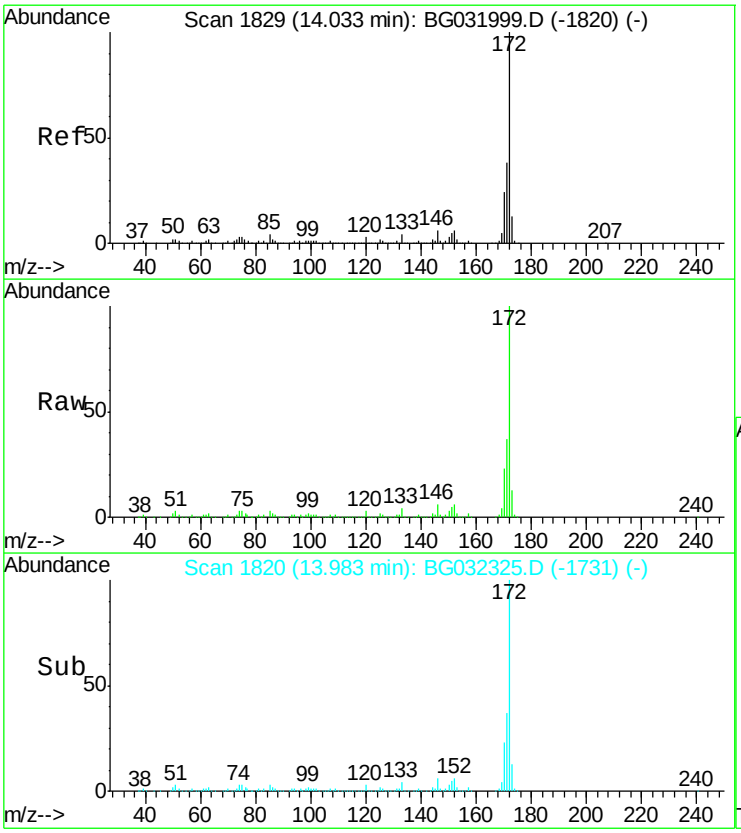
#41
2,4,6-Tribromophenol
Concen: 197.296 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-D

Tgt Ion:330 Resp: 331180

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	28.9	25.2	37.8

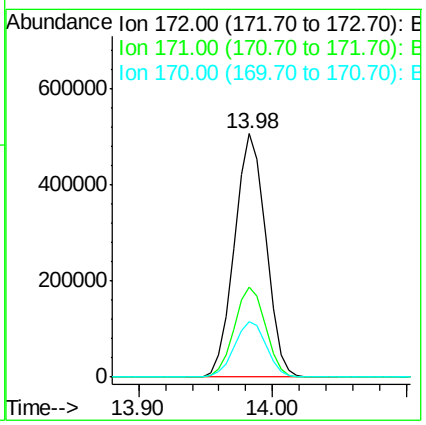


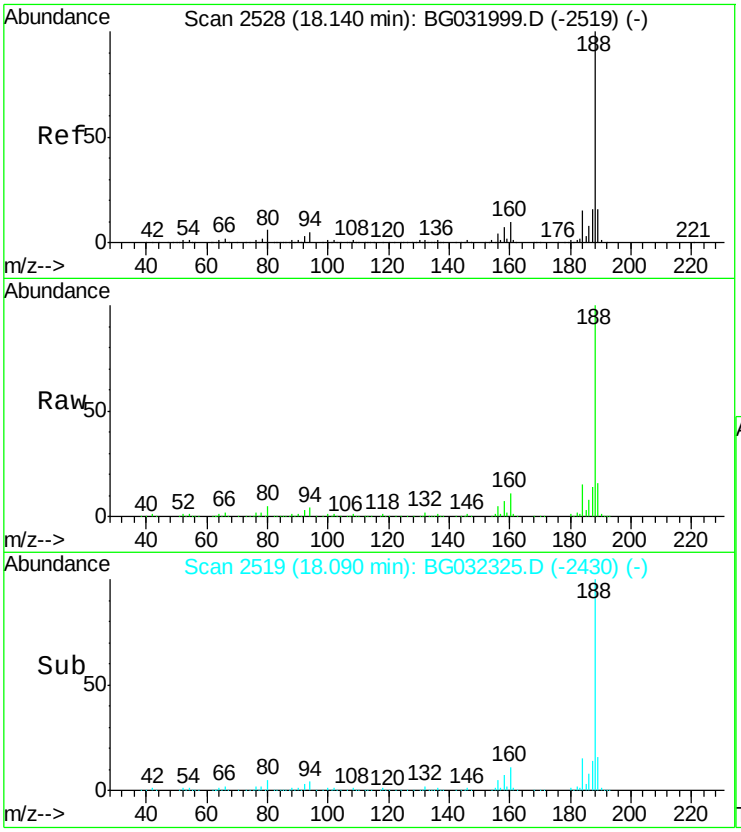


#44
2-Fluorobiphenyl
Concen: 100.841 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Tgt Ion:172 Resp: 824976

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	22.8	19.5	29.3



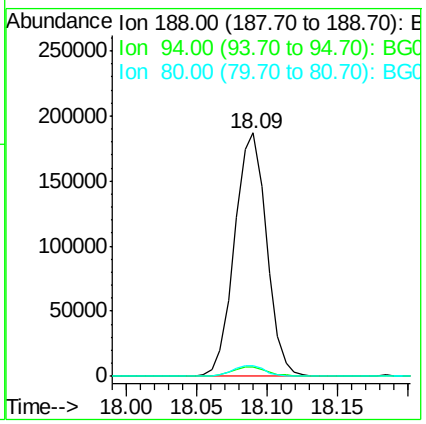


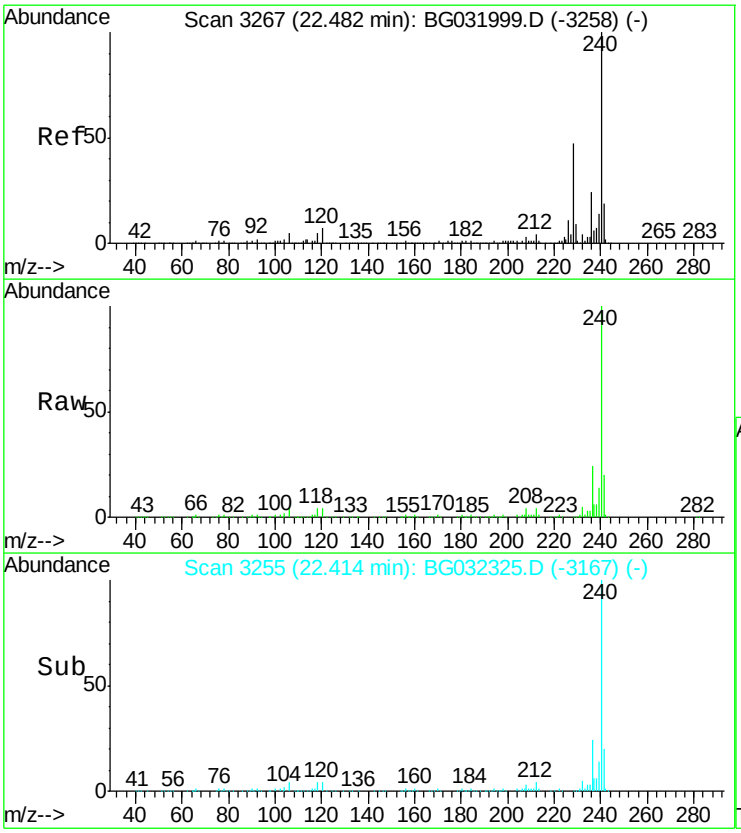
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-D

Tgt Ion:188 Resp: 296684

Ion	Ratio	Lower	Upper
188	100		
94	3.6	6.9	10.3#
80	4.5	7.7	11.5#

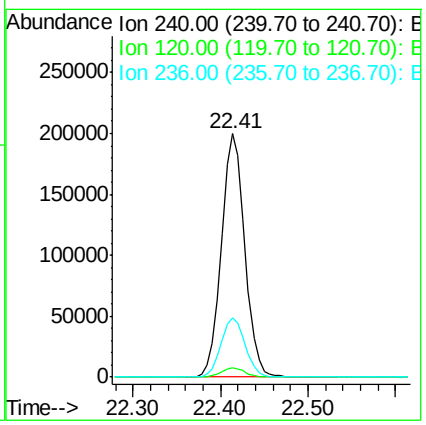


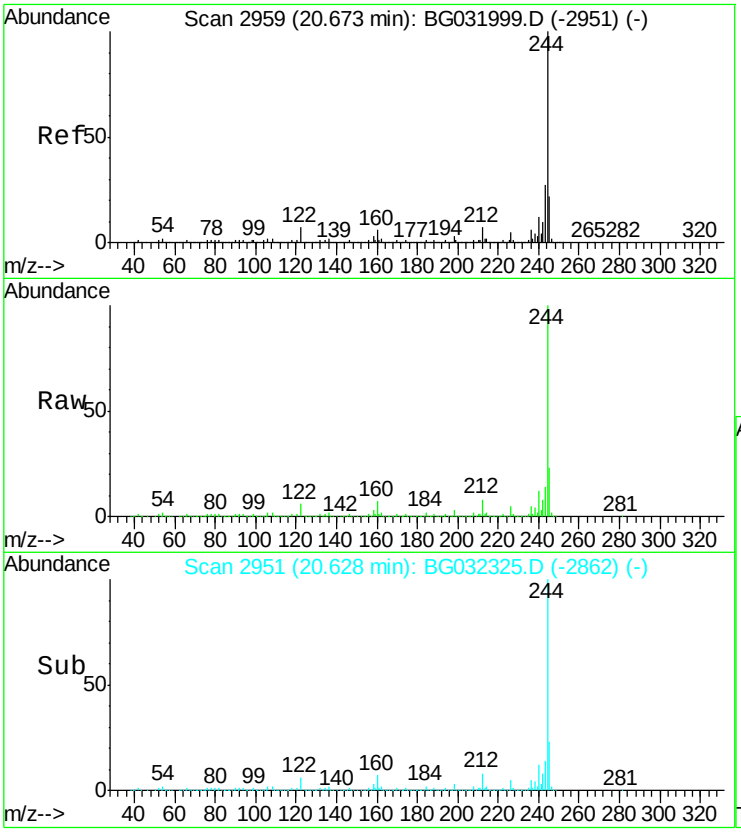


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Tgt Ion:240 Resp: 366572

Ion	Ratio	Lower	Upper
240	100		
120	3.9	6.8	10.2#
236	24.2	20.9	31.3



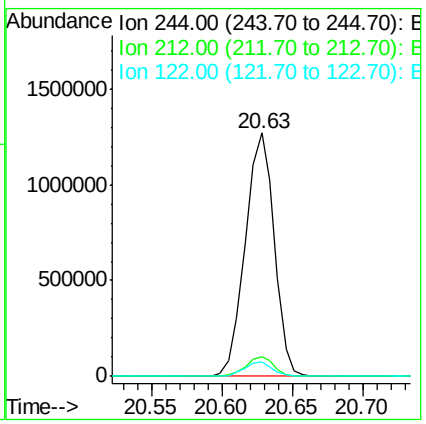


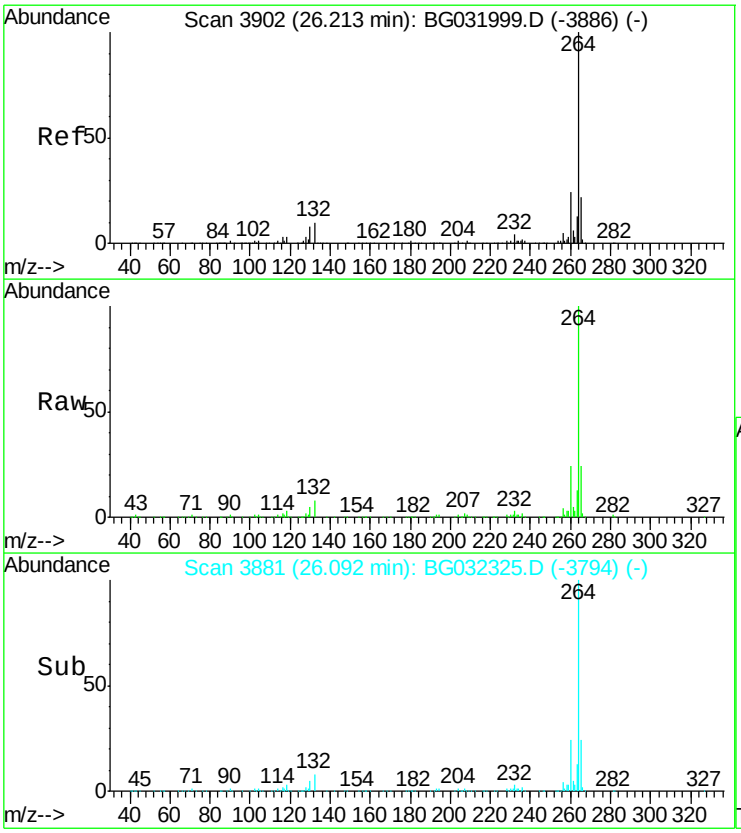
#78
Terphenyl-d14
Concen: 110.391 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Instrument :
BNA_G
ClientSampleId :
PL-02-012418-D

Tgt Ion:244 Resp: 1832676

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	5.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BG032325.D
Acq: 26 Jan 2018 11:39

Tgt Ion:264 Resp: 387154

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	23.8	17.7	26.5