Quantitation Report (LSC Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
Data File : BG032337.D
Acq On : 26 Jan 2018 20:37
Operator : SJ/JU
Sample : J1288-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-4(80-82)

Quant Time: Jan 26 23:59:22 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	38303	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	148243	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	102482	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	280232	20.00	ng		0.00
75) Chrysene-d12	22.42	240	352443	20.00	ng		0.00
86) Perylene-d12	26.10	264	370761	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	271703	129.74	ng		0.00
7) Phenol-d6	7.84	99	329947	125.09	ng		0.00
23) Nitrobenzene-d5	9.92	82	206787	94.37	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	251548	148.33	ng		0.00
44) 2-Fluorobiphenyl	13.98	172	644916	78.03	ng		0.00
78) Terphenyl-d14	20.63	244	1203128	75.38	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.86	94	14411	5.546	ng		82
49) Dimethylphthalate	14.78	163	92858	10.354	ng	#	96

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

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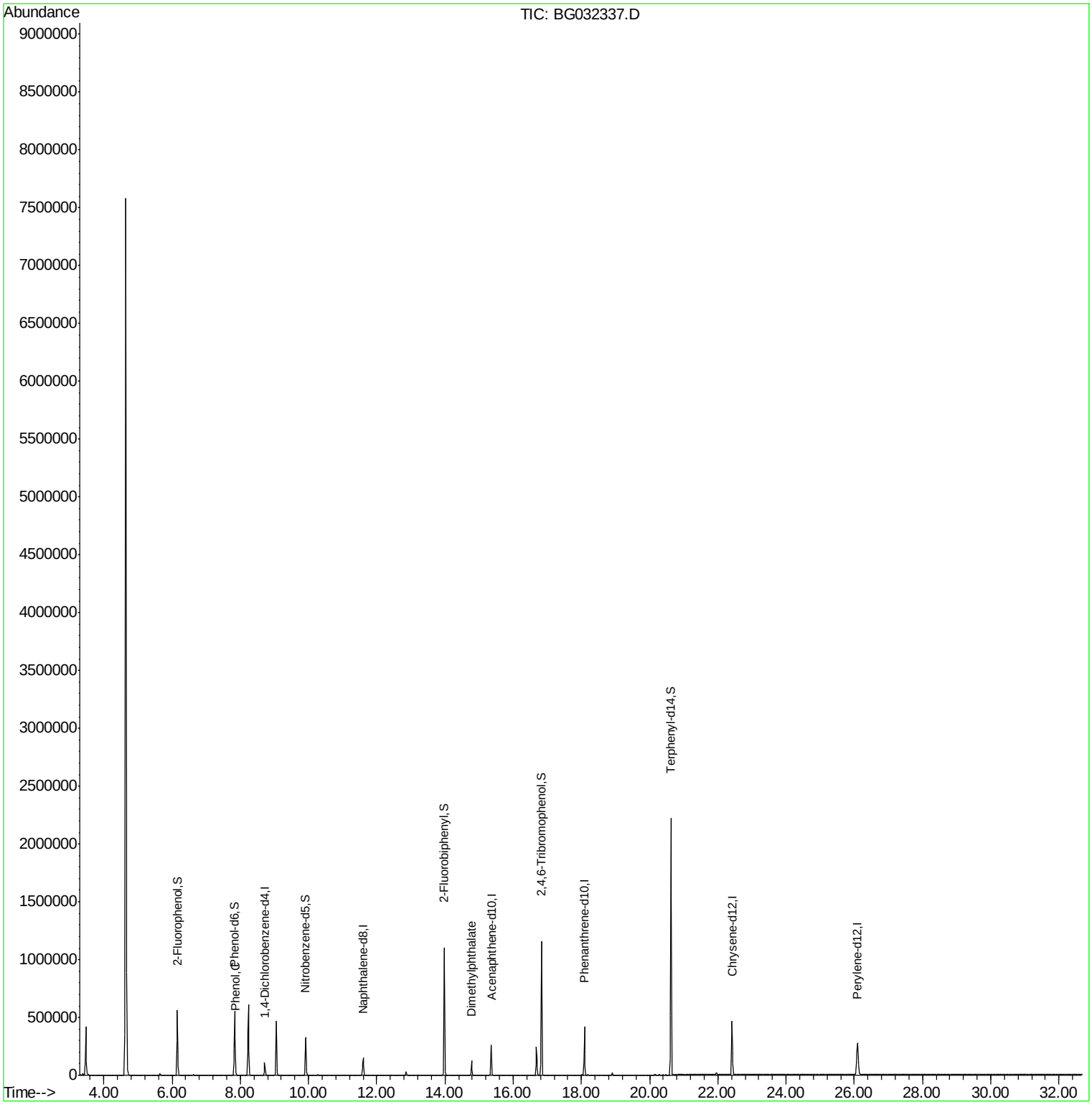
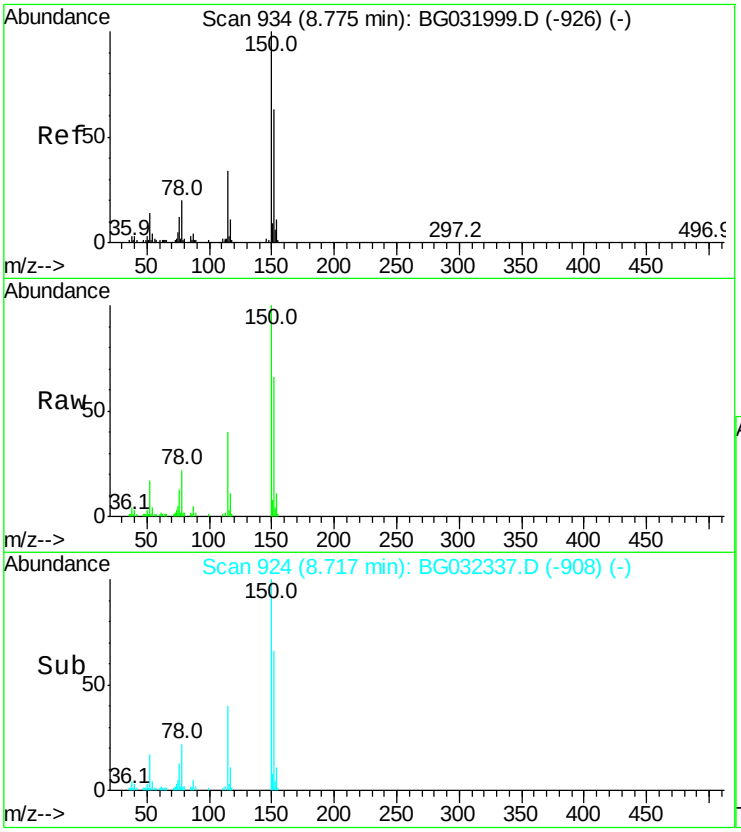


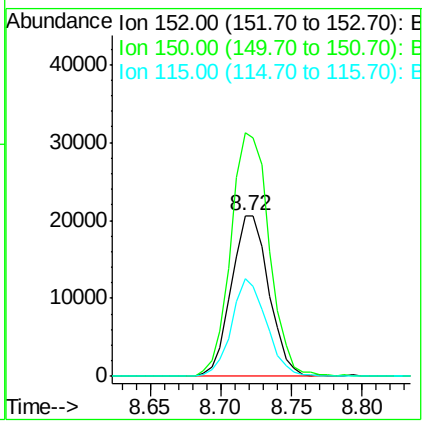


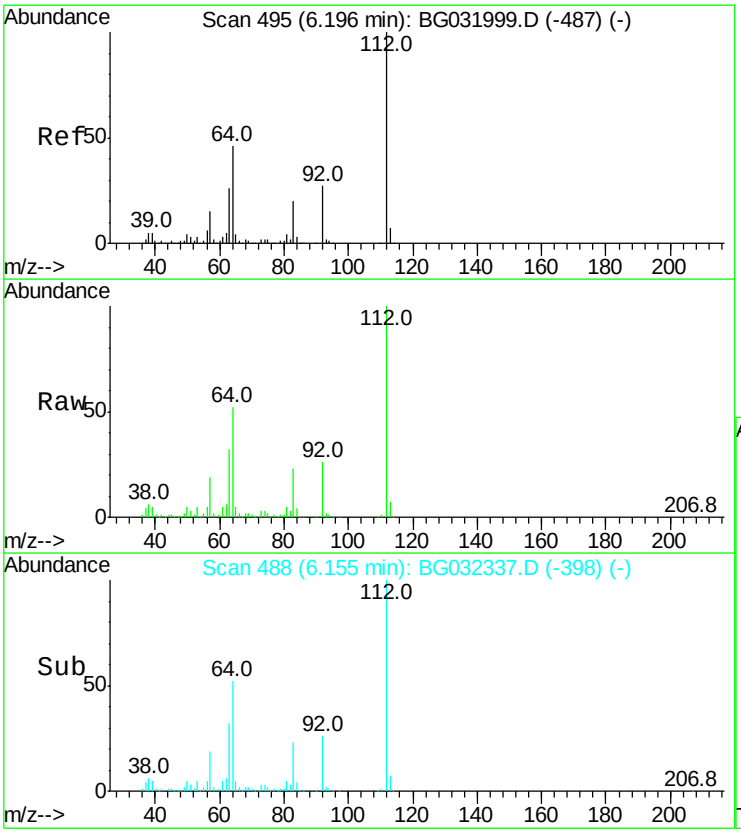
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(80-82)

Tgt Ion:152 Resp: 38303

Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.6	189.8
115	60.8	53.0	79.4

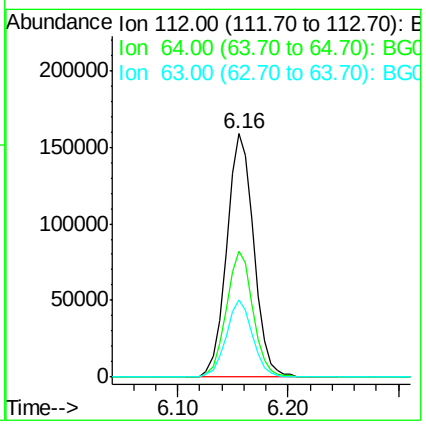


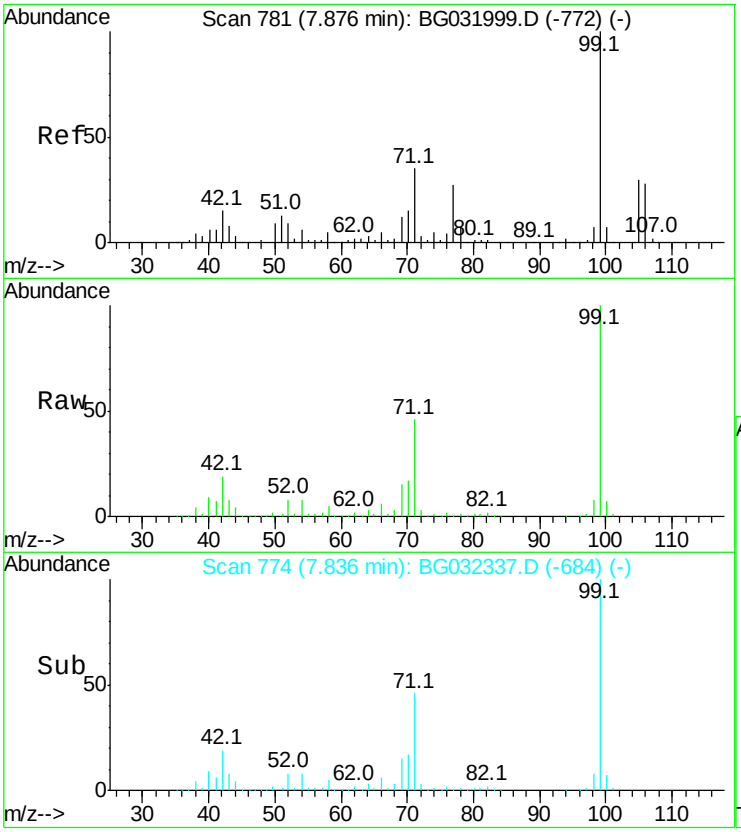


#5
2-Fluorophenol
Concen: 129.736 ng
RT: 6.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion:112 Resp: 271703

Ion	Ratio	Lower	Upper
112	100		
64	51.6	56.3	84.5#
63	31.8	30.1	45.1



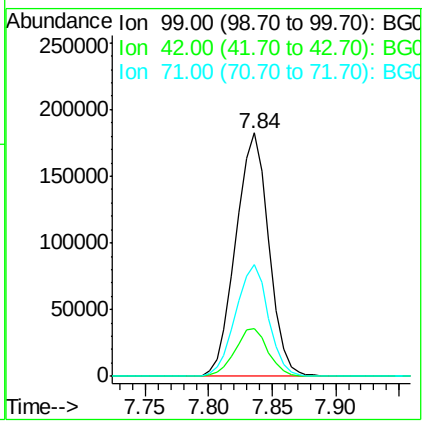


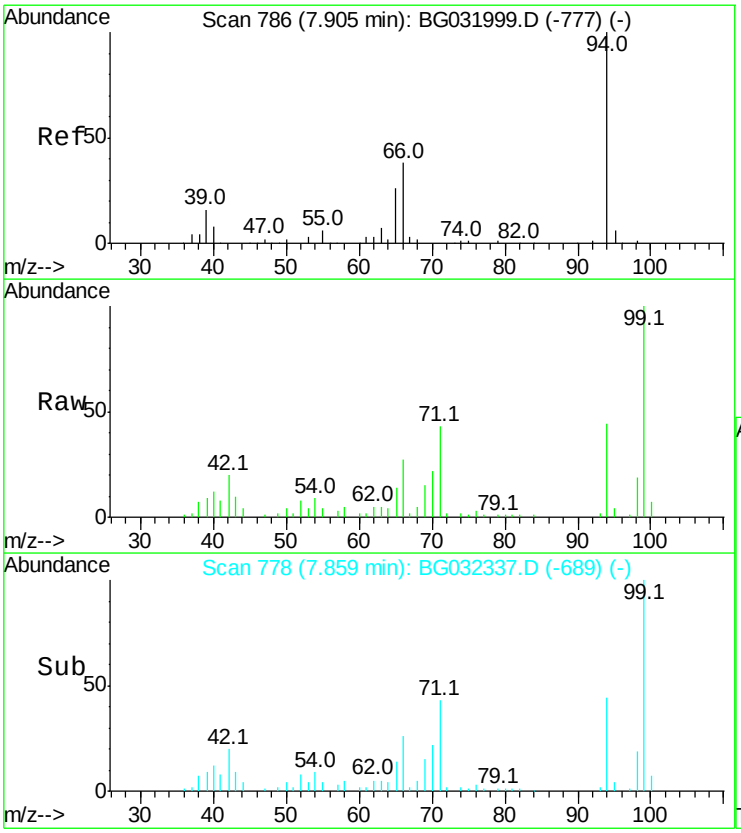
#7
Phenol-d6
Concen: 125.093 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(80-82)

Tgt Ion: 99 Resp: 329947

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.1	21.1
71	45.9	26.1	39.1#

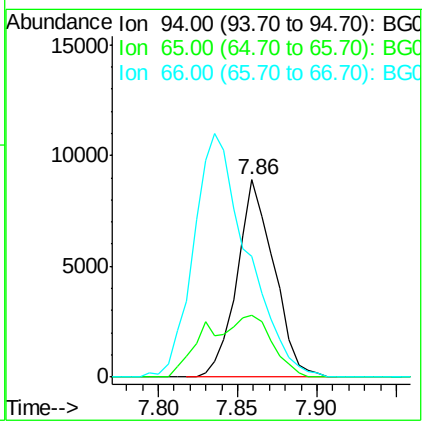


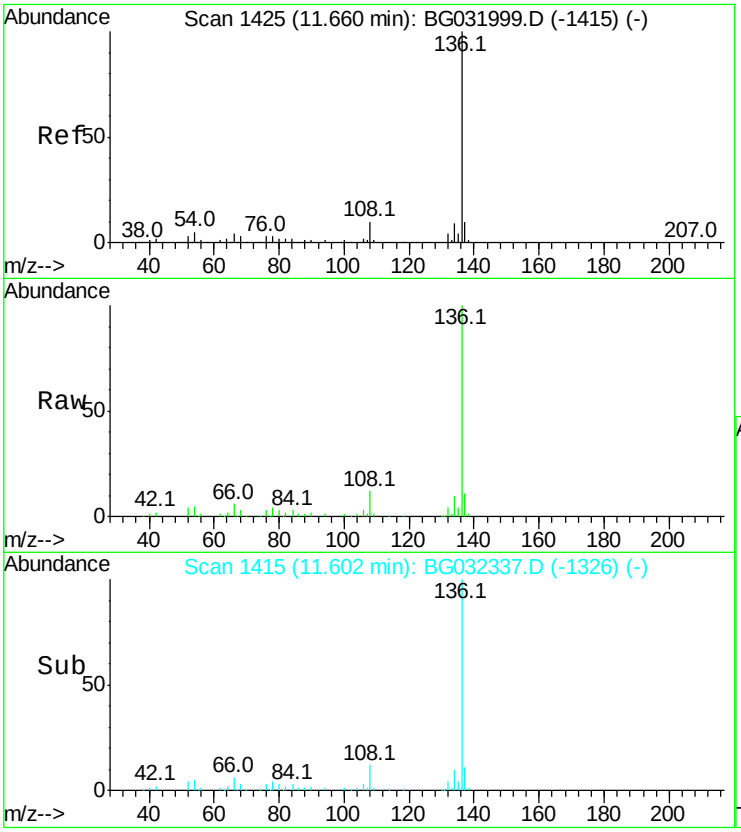


#10
Phenol
Concen: 5.546 ng
RT: 7.86 min Scan# 778
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion: 94 Resp: 14411

Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.9	51.9
66	61.3	22.2	62.2



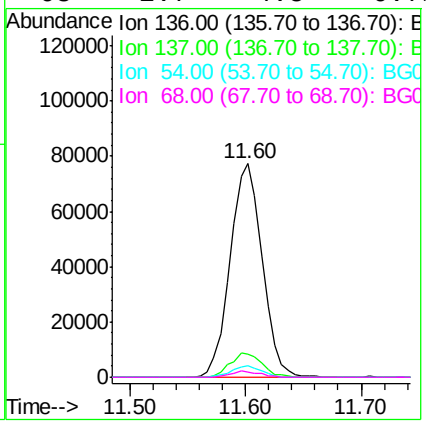


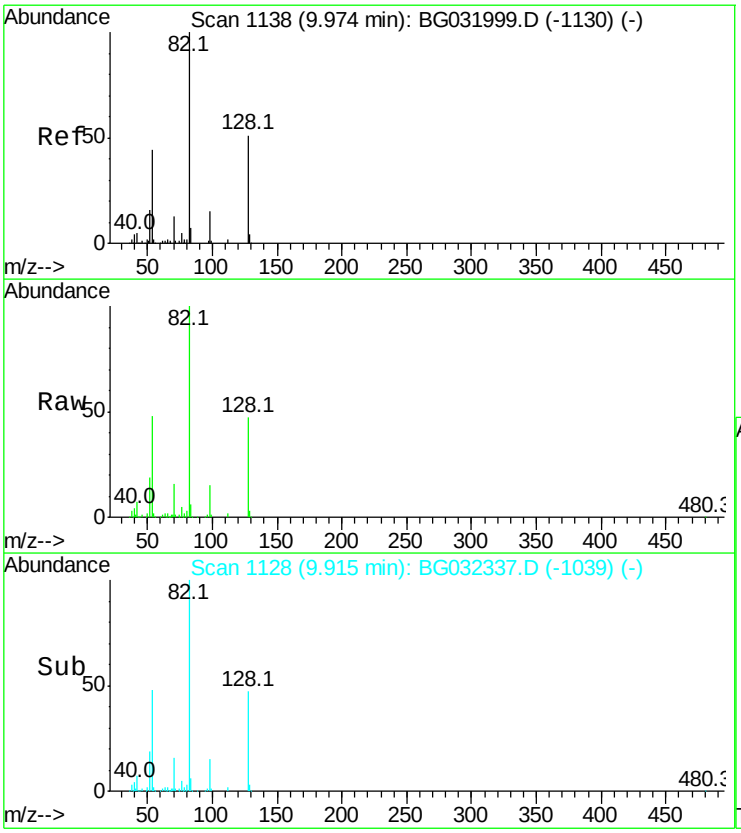
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(80-82)

Tgt Ion:136 Resp: 148243

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	5.5	10.3	15.5#
68	2.7	4.5	6.7#

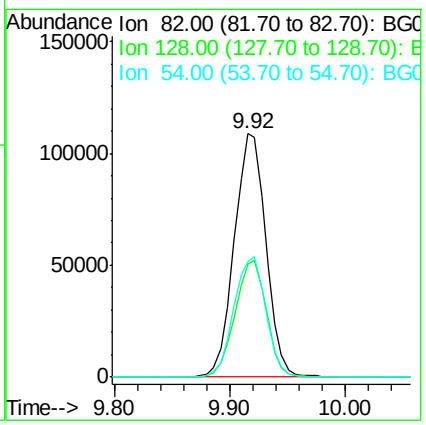


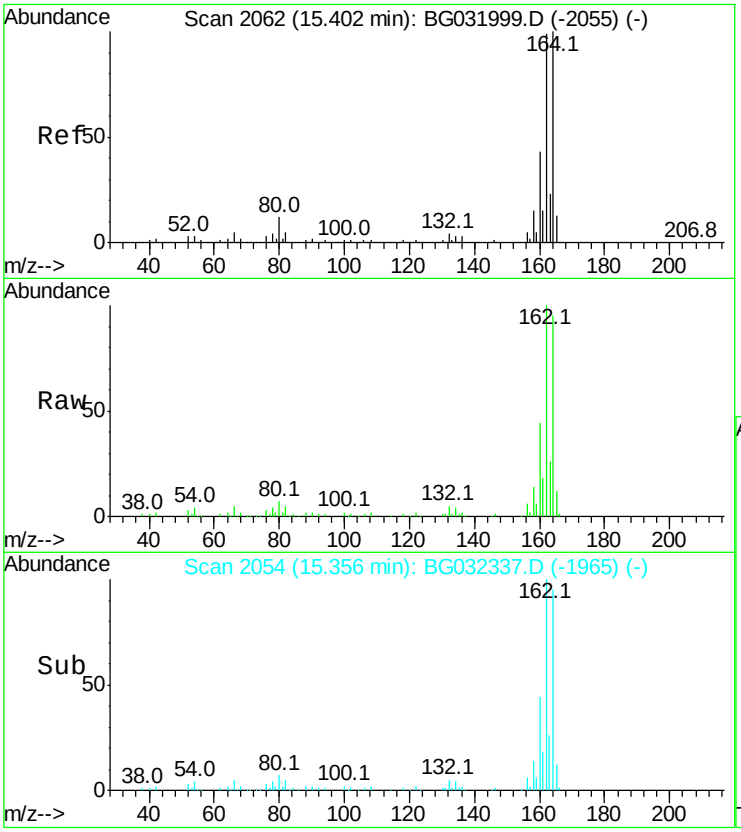


#23
Nitrobenzene-d5
Concen: 94.372 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion: 82 Resp: 206787

Ion	Ratio	Lower	Upper
82	100		
128	46.5	29.7	44.5#
54	47.7	43.1	64.7



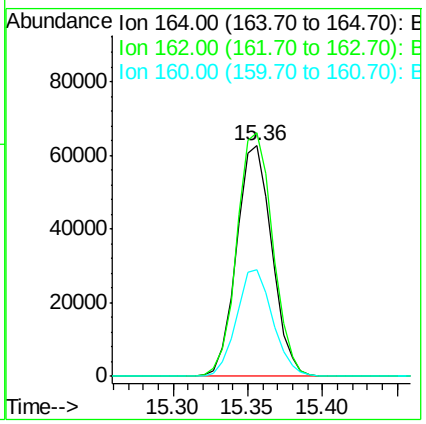


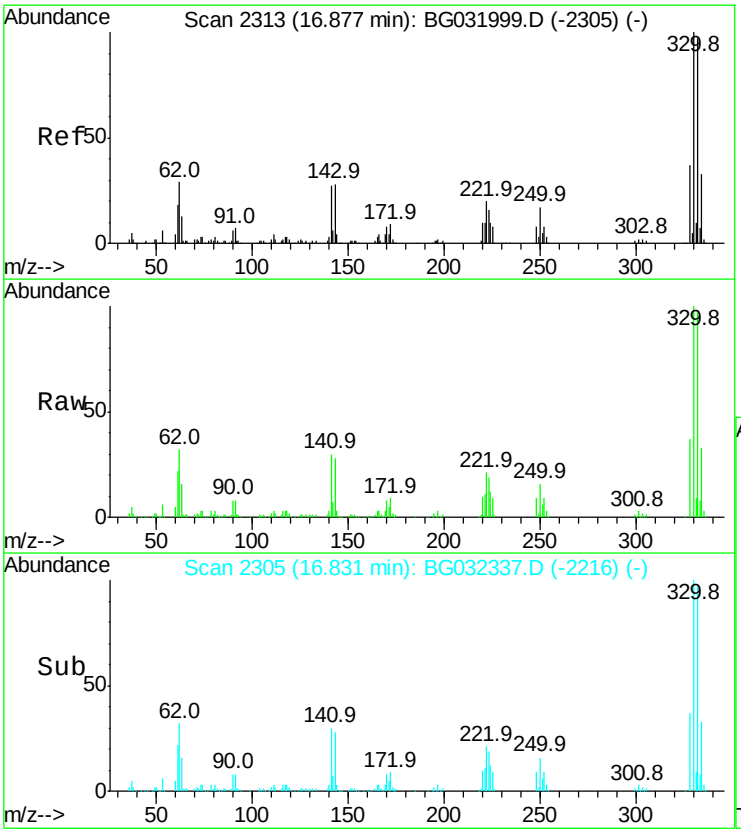
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(80-82)

Tgt Ion:164 Resp: 102482

Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	46.3	35.4	53.0

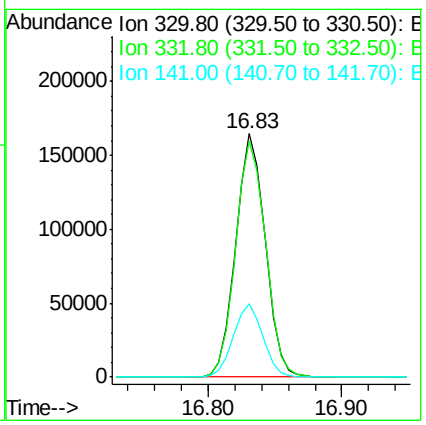


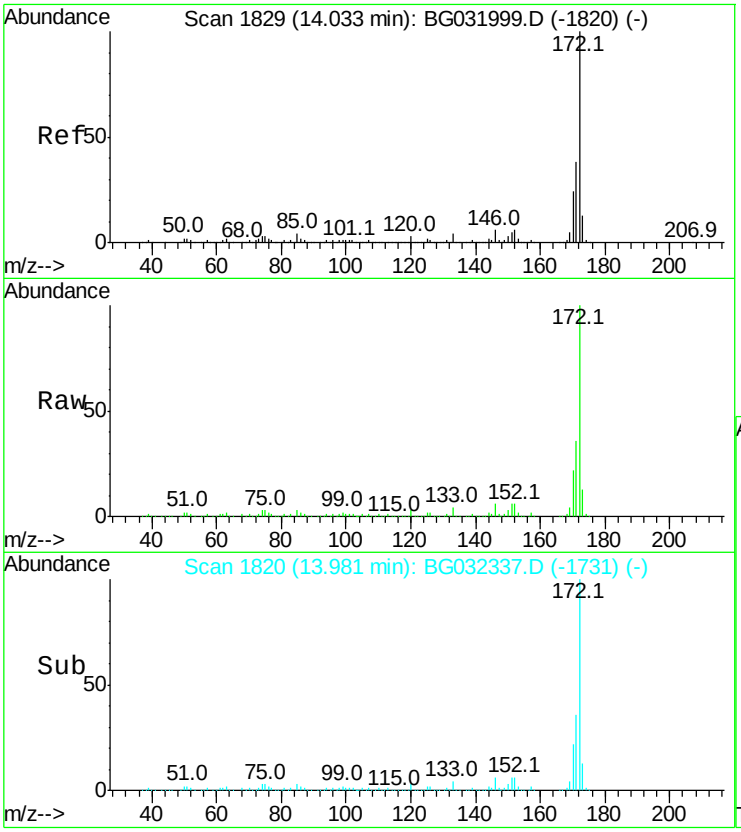


#41
2,4,6-Tribromophenol
Concen: 148.333 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion:330 Resp: 251548

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	30.4	25.2	37.8



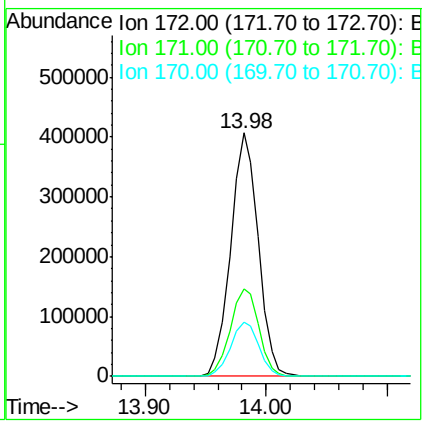


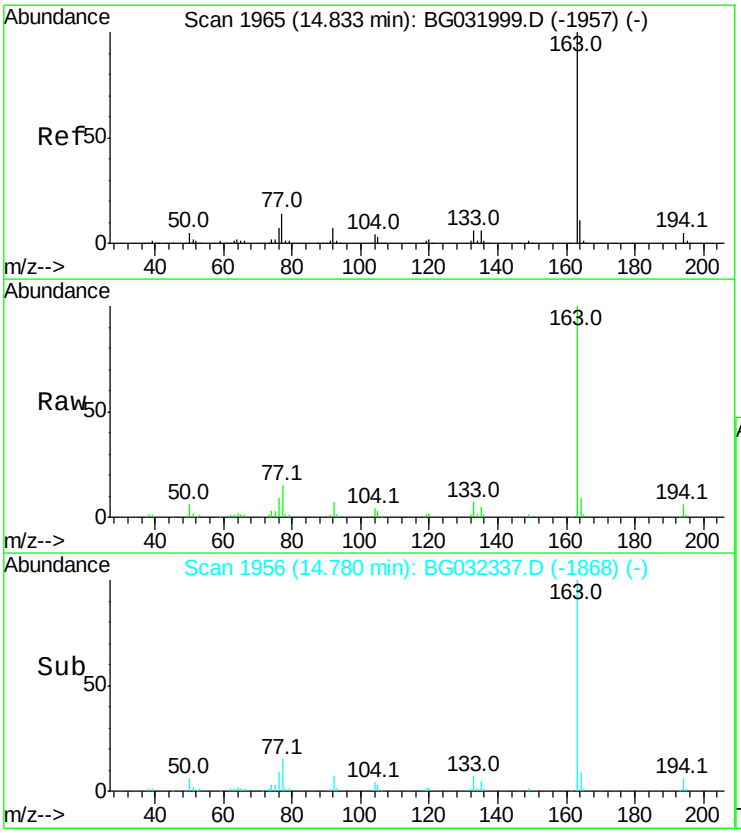
#44
2-Fluorobiphenyl
Concen: 78.030 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(80-82)

Tgt Ion:172 Resp: 644916

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	22.4	19.5	29.3

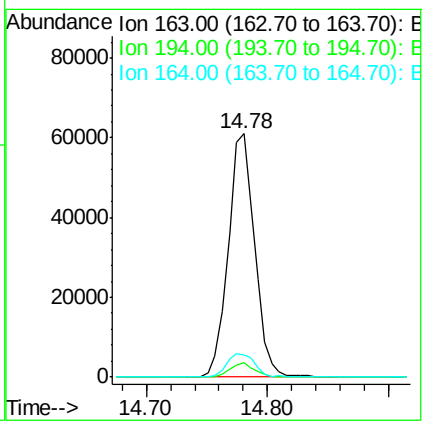


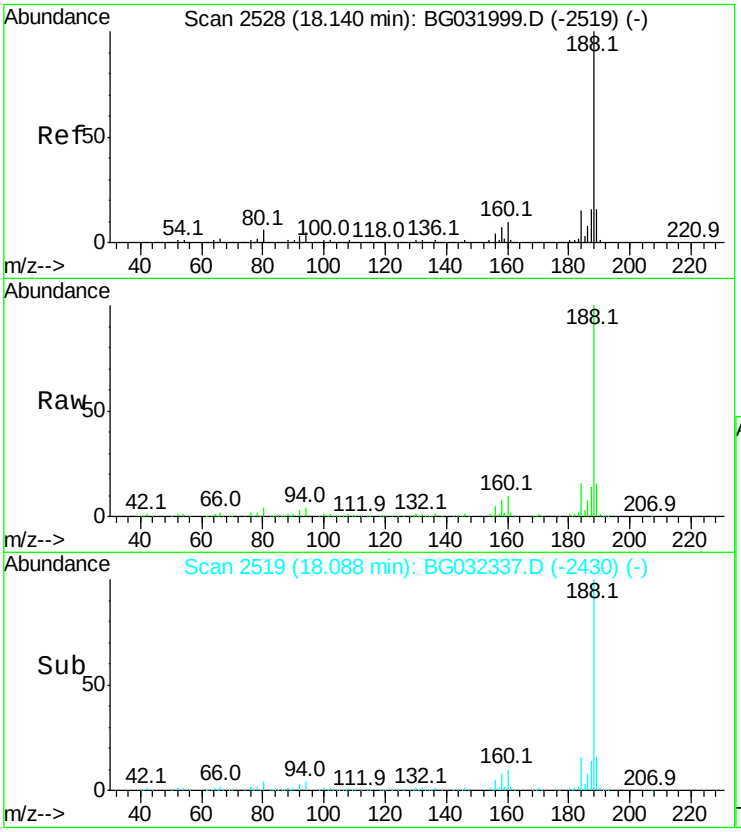


#49
Dimethylphthalate
Concen: 10.354 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion:163 Resp: 92858

Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.4	5.2#
164	9.2	8.2	12.4



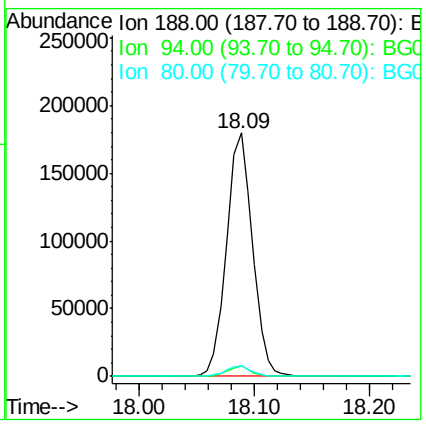


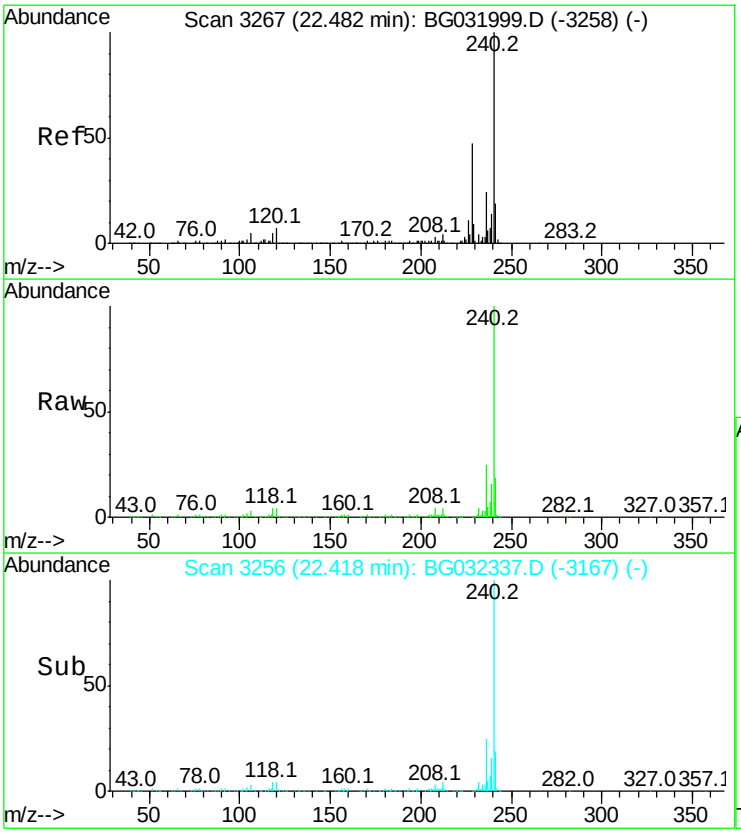
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(80-82)

Tgt Ion:188 Resp: 280232

Ion	Ratio	Lower	Upper
188	100		
94	4.2	6.9	10.3#
80	4.3	7.7	11.5#

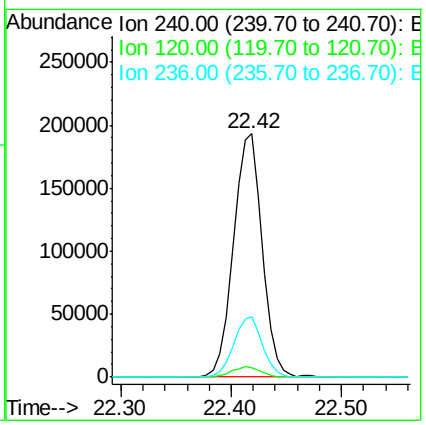


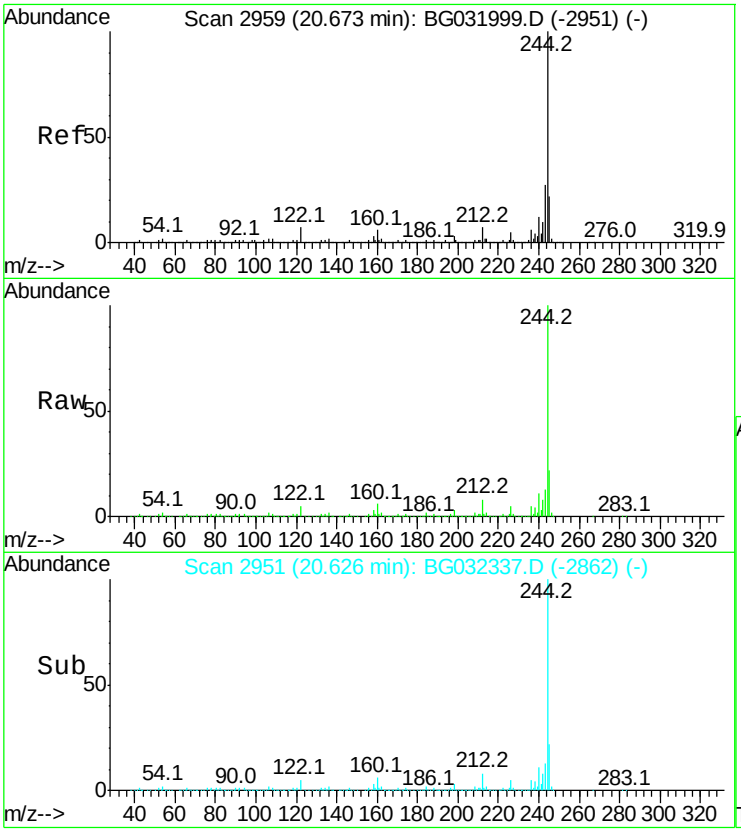


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion:240 Resp: 352443

Ion	Ratio	Lower	Upper
240	100		
120	3.9	6.8	10.2#
236	24.7	20.9	31.3



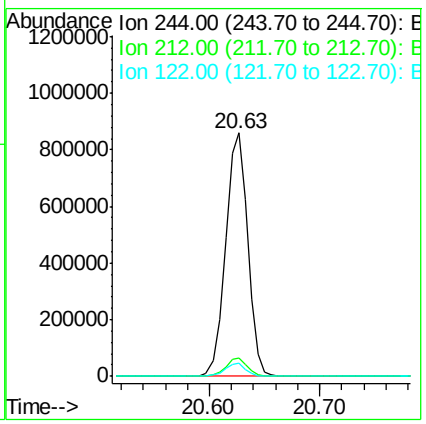


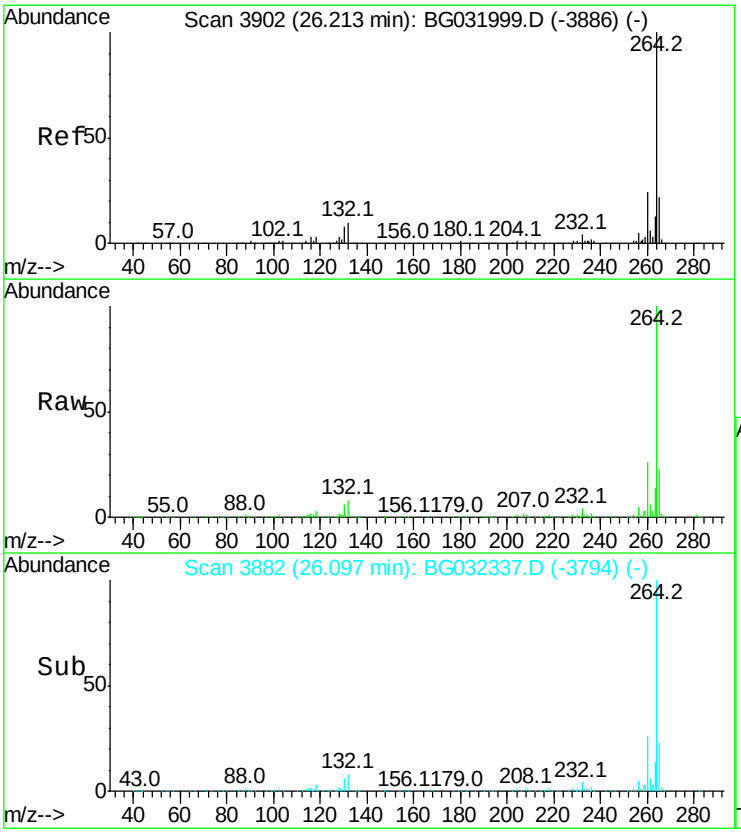
#78
Terphenyl-d14
Concen: 75.376 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Instrument :
BNA_G
ClientSampleId :
EPE-108-4(80-82)

Tgt Ion:244 Resp: 1203128

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	5.2	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BG032337.D
Acq: 26 Jan 2018 20:37

Tgt Ion:264 Resp: 370761

Ion	Ratio	Lower	Upper
264	100		
260	25.8	17.4	26.0
265	22.7	17.7	26.5