Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
Data File : BG028855.D
Acq On : 21 Sep 2017 13:03
Operator : SJ/JU
Sample : I5311-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-091917

Quant Time: Sep 21 14:47:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 21 12:57:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	40219	20.00	ng	0.00
21) Naphthalene-d8	11.11	136	160146	20.00	ng	0.00
38) Acenaphthene-d10	14.91	164	114860	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	303767	20.00	ng	0.00
75) Chrysene-d12	21.98	240	335840	20.00	ng	0.00
86) Perylene-d12	25.46	264	327390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	288025	118.17	ng	0.00
7) Phenol-d6	7.44	99	337577	91.99	ng	0.00
23) Nitrobenzene-d5	9.46	82	292453	87.36	ng	0.00
41) 2,4,6-Tribromophenol	16.40	330	222047	116.88	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	744212	86.40	ng	0.00
78) Terphenyl-d14	20.24	244	1371612	87.10	ng	0.00
Target Compounds						Qvalue

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

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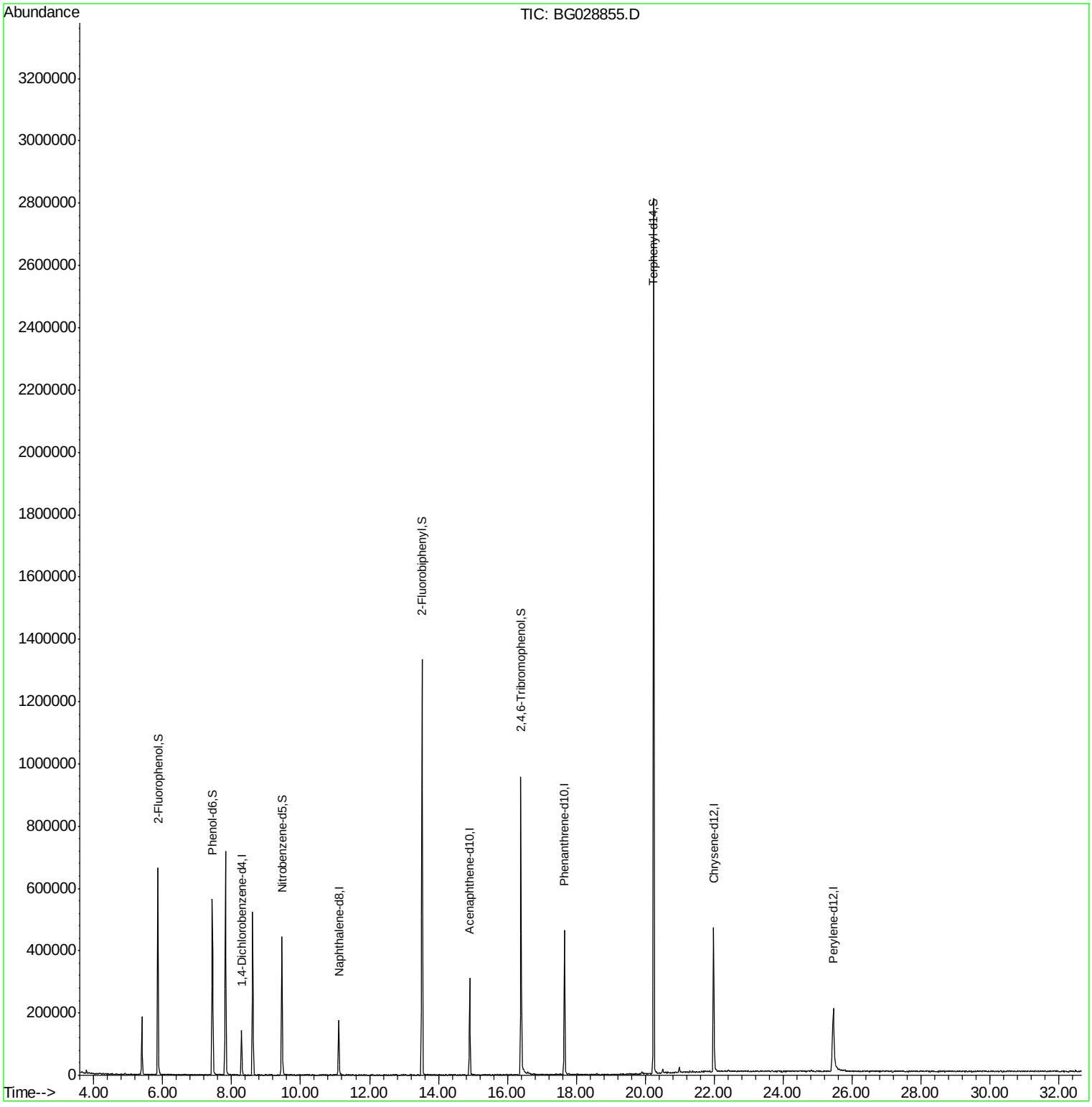
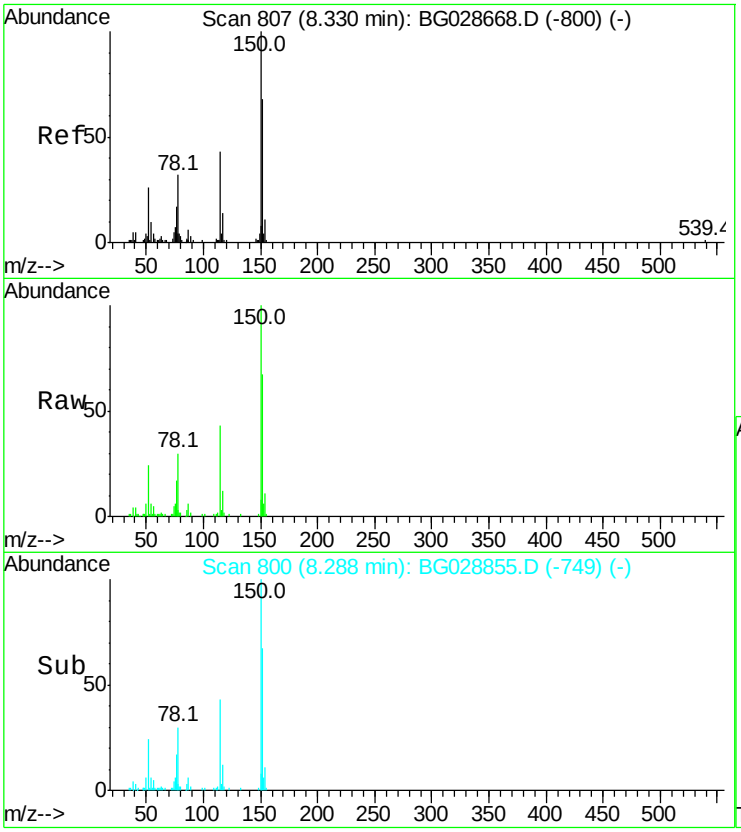


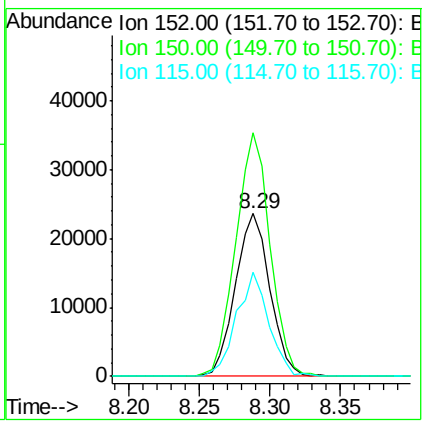


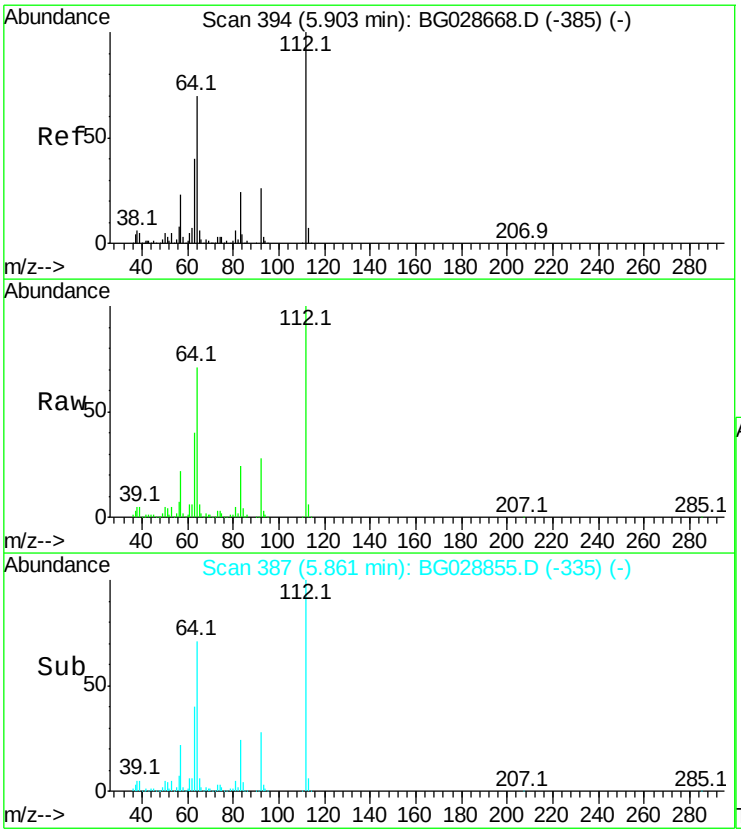
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.00 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Instrument :
BNA_G
ClientSampleId :
OK-03-091917

Tgt Ion:152 Resp: 40219

Ion	Ratio	Lower	Upper
152	100		
150	149.7	114.0	171.0
115	64.2	48.1	72.1

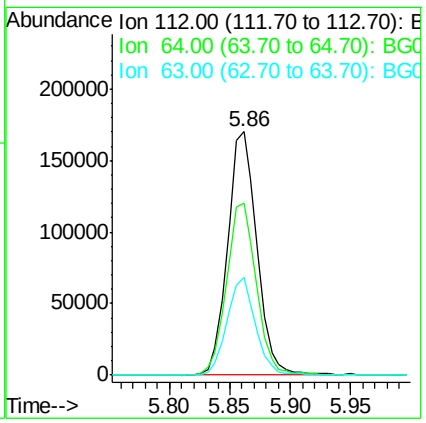


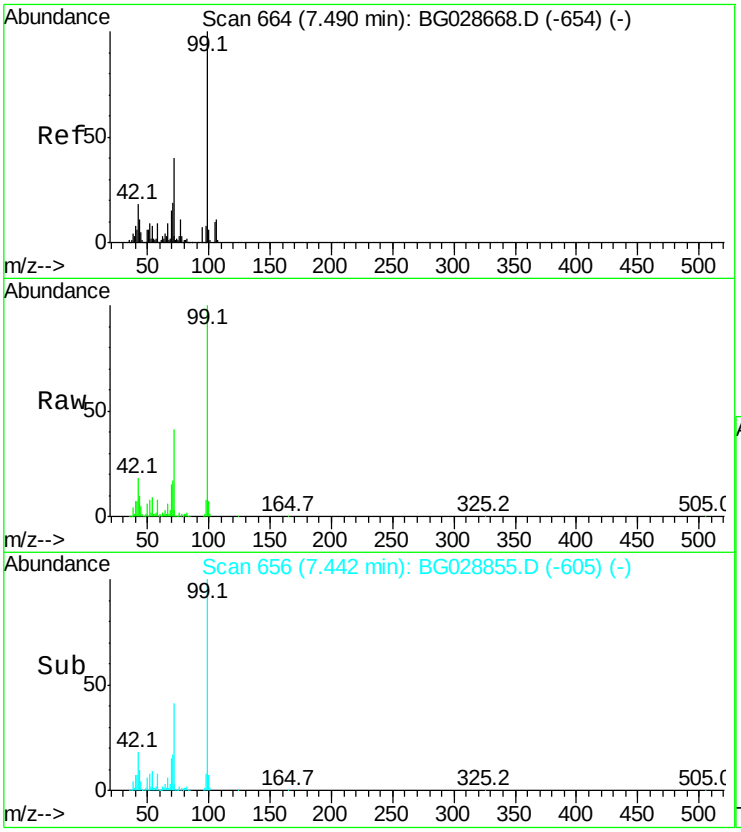


#5
2-Fluorophenol
Concen: 118.167 ng
RT: 5.86 min Scan# 387
Delta R.T. 0.01 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Tgt Ion:112 Resp: 288025

Ion	Ratio	Lower	Upper
112	100		
64	70.7	61.8	92.6
63	40.3	37.2	55.8



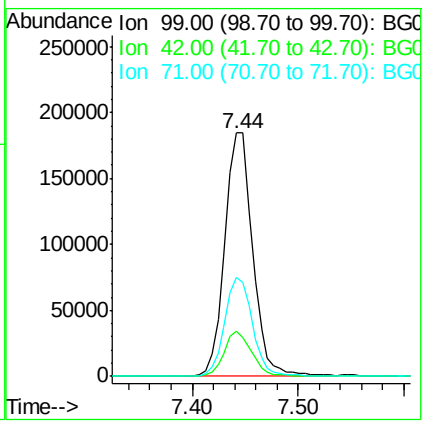


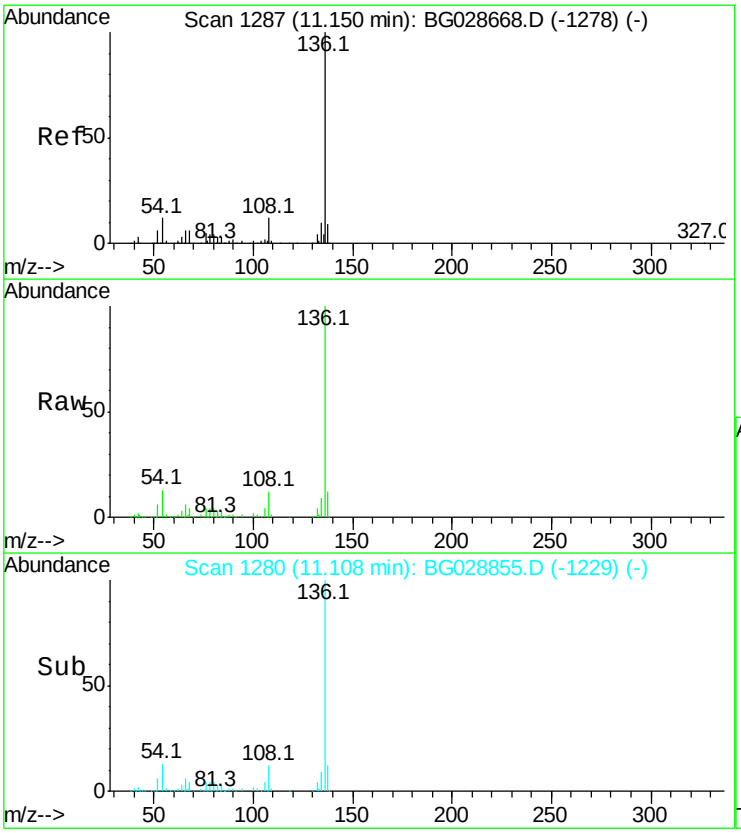
#7
Phenol-d6
Concen: 91.986 ng
RT: 7.44 min Scan# 656
Delta R.T. -0.00 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Instrument :
BNA_G
ClientSampleId :
OK-03-091917

Tgt Ion: 99 Resp: 337577

Ion	Ratio	Lower	Upper
99	100		
42	18.3	20.5	30.7#
71	40.6	37.6	56.4

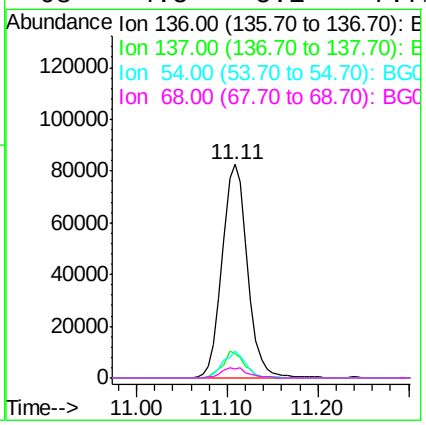


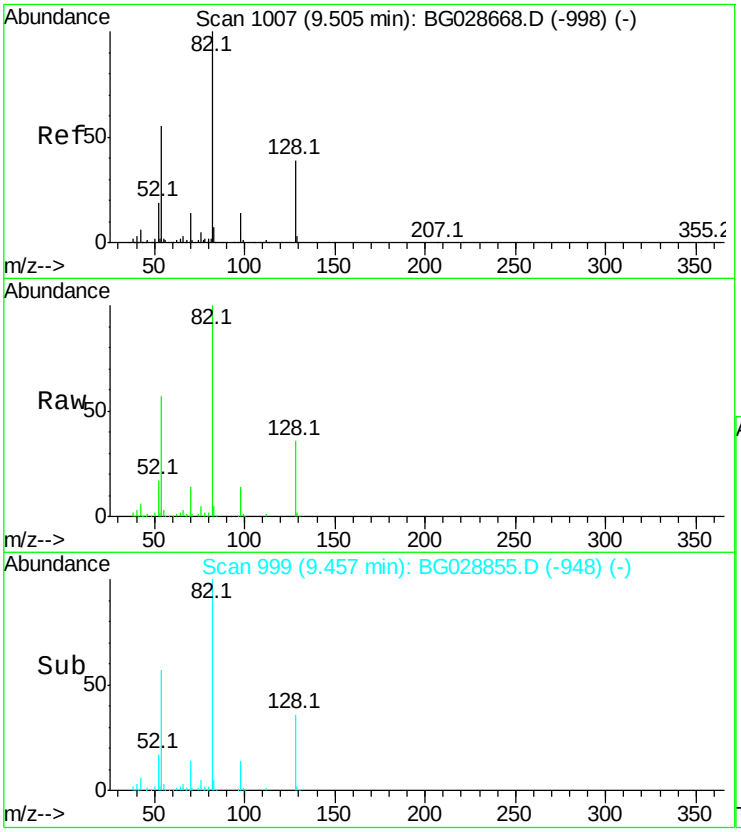


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Tgt Ion:136 Resp: 160146

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	12.7	9.3	13.9
68	4.5	5.1	7.7#



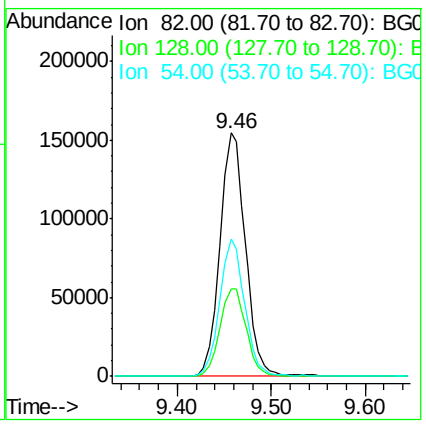


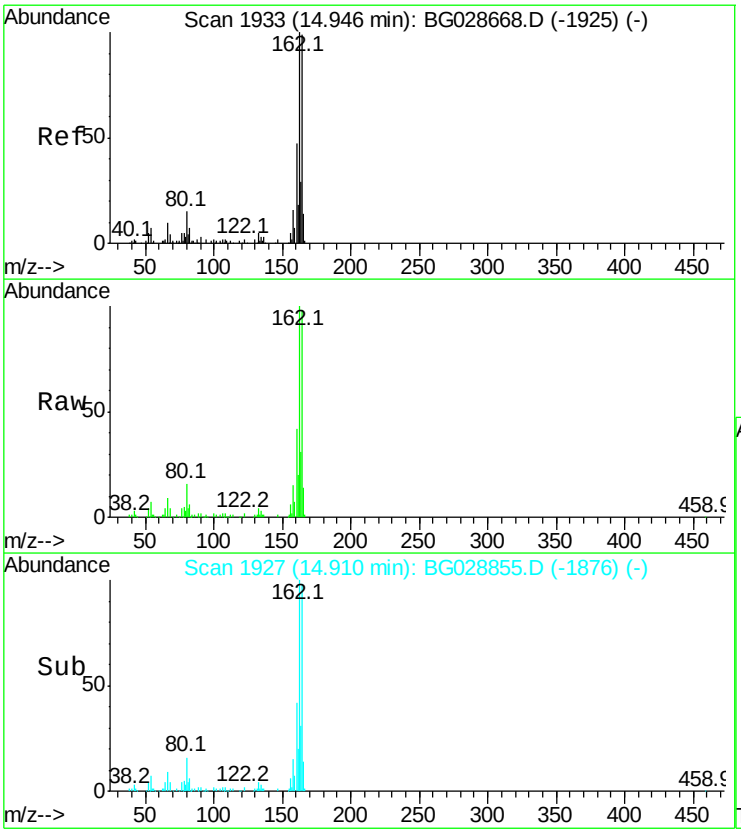
#23
Nitrobenzene-d5
Concen: 87.359 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Instrument :
BNA_G
ClientSampleId :
OK-03-091917

Tgt Ion: 82 Resp: 292453

Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.4	39.6
54	56.6	49.4	74.2

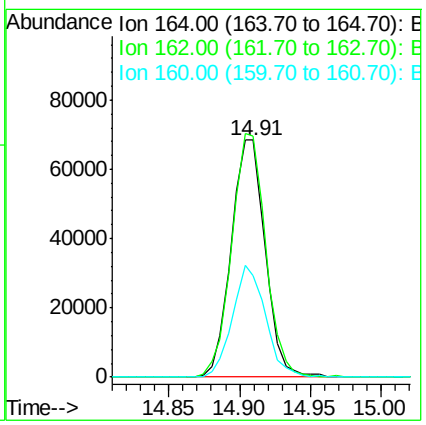


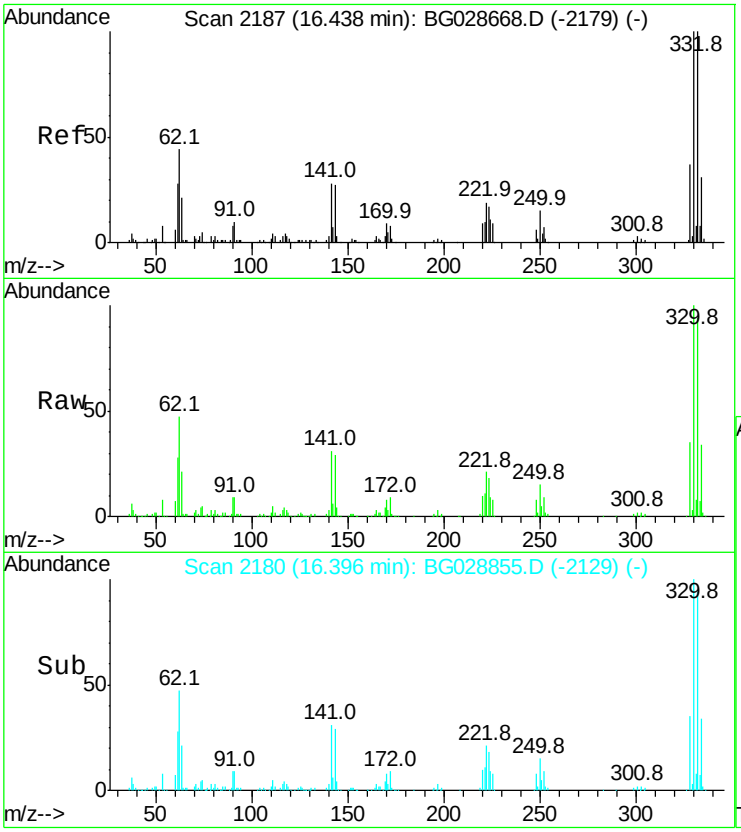


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Tgt Ion:164 Resp: 114860

Ion	Ratio	Lower	Upper
164	100		
162	101.7	85.1	127.7
160	42.9	34.7	52.1



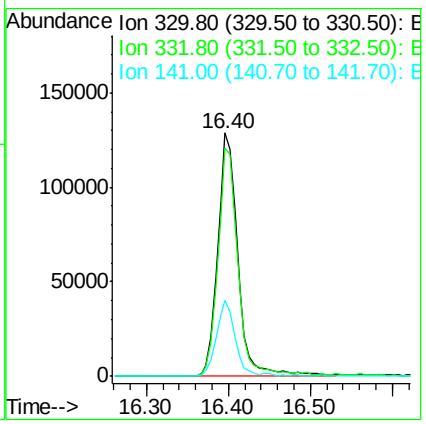


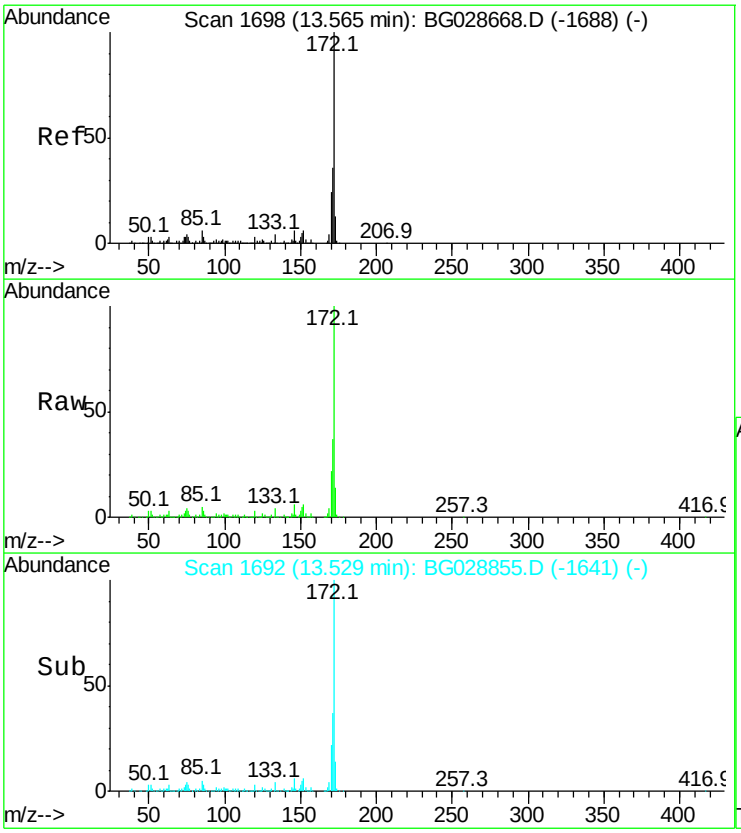
#41
2,4,6-Tribromophenol
Concen: 116.884 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Instrument :
BNA_G
ClientSampleId :
OK-03-091917

Tgt Ion:330 Resp: 222047

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.3	115.9
141	29.2	32.1	48.1#

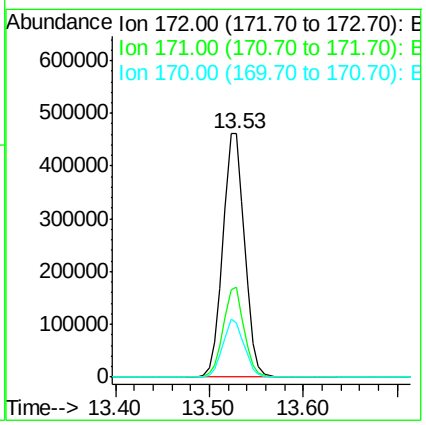


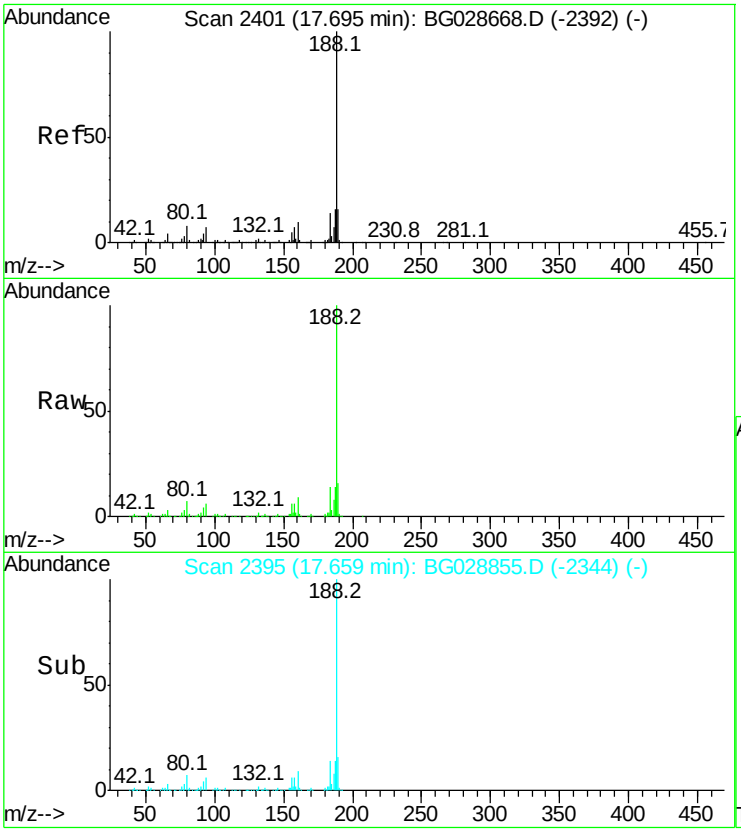


#44
2-Fluorobiphenyl
Concen: 86.396 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Tgt Ion:172 Resp: 744212

Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	22.4	21.8	32.6



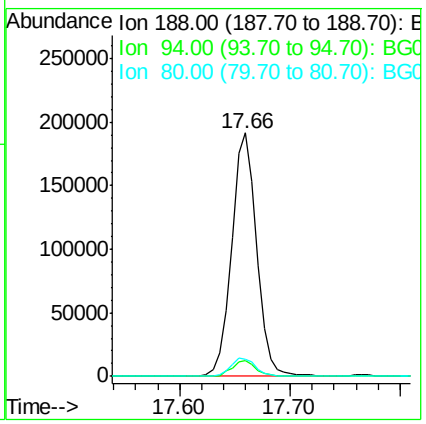


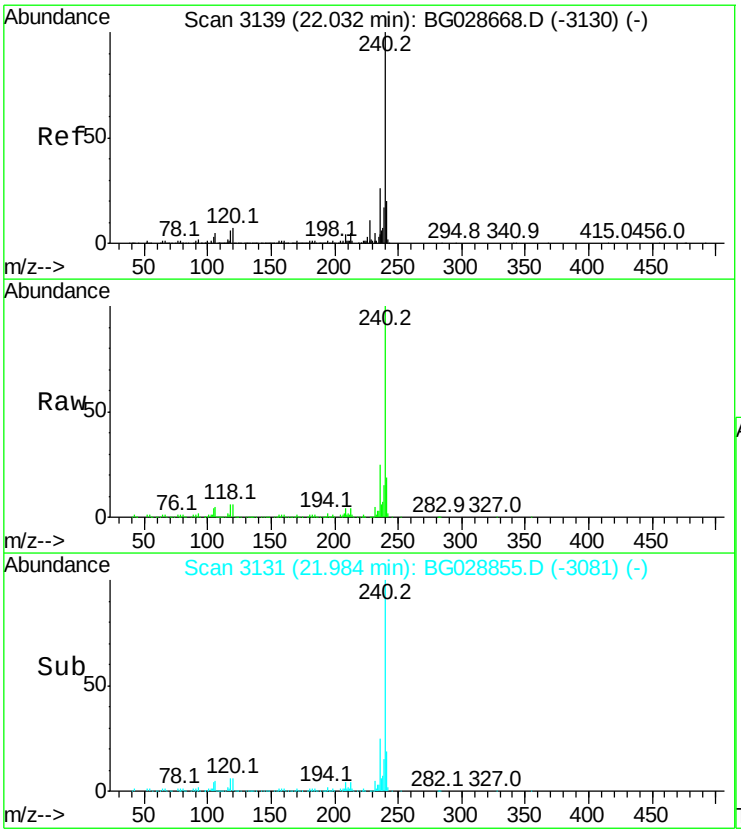
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Instrument :
BNA_G
ClientSampleId :
OK-03-091917

Tgt Ion:188 Resp: 303767

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.8	8.8
80	7.2	7.5	11.3#

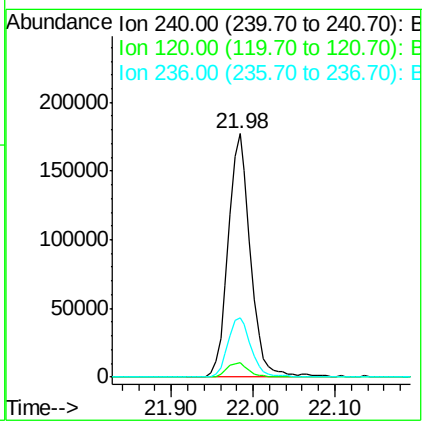


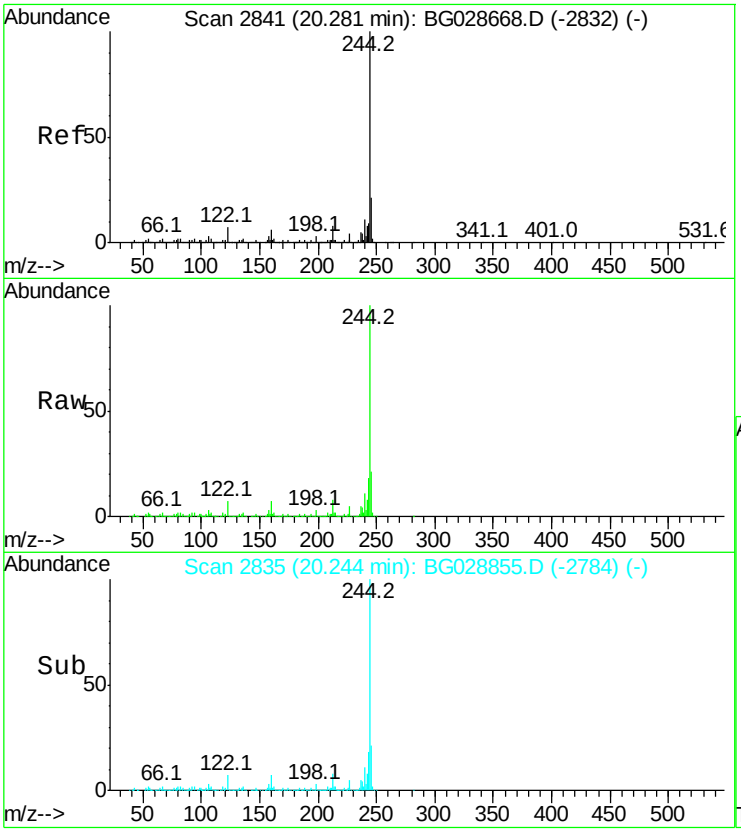


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Tgt Ion:240 Resp: 335840

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	24.6	22.2	33.4



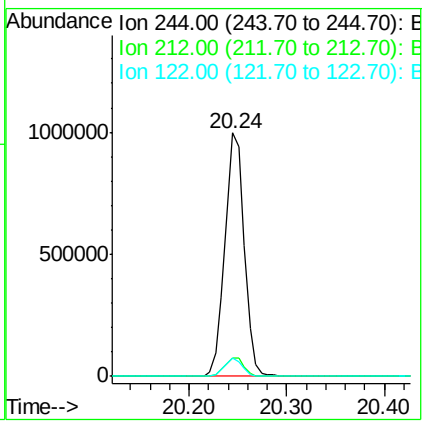


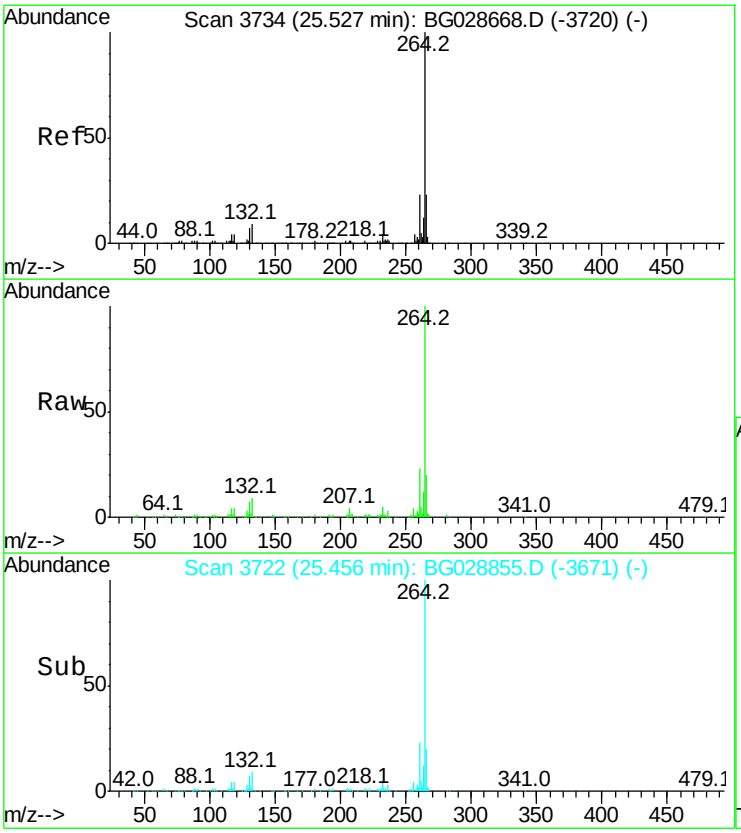
#78
Terphenyl-d14
Concen: 87.097 ng
RT: 20.24 min Scan# 2835
Delta R.T. -0.00 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Instrument :
BNA_G
ClientSampleId :
OK-03-091917

Tgt Ion:244 Resp: 1371612

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	7.4	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.46 min Scan# 3722
Delta R.T. -0.00 min
Lab File: BG028855.D
Acq: 21 Sep 2017 13:03

Tgt Ion:264 Resp: 327390

Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	19.8	18.2	27.4