Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091517\
Data File : BG028774.D
Acq On : 15 Sep 2017 19:20
Operator : SJ/JU
Sample : I5167-05RX
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 16 04:54:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	31318	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	134529	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	105272	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	280064	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	309589	20.00	ng	-0.05
86) Perylene-d12	25.46	264	320779	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	57275	30.18	ng	-0.04
7) Phenol-d6	7.45	99	47468	16.61	ng	-0.04
23) Nitrobenzene-d5	9.46	82	125421	44.60	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	123398	70.87	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	355354	45.01	ng	-0.04
78) Terphenyl-d14	20.24	244	655213	45.13	ng	-0.04
Target Compounds						Qvalue
35) Caprolactam	12.03	113	4606	5.329	ng	# 72
40) Hexachlorocyclopentadiene	13.05	237	77	7.644	ng	# 29

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

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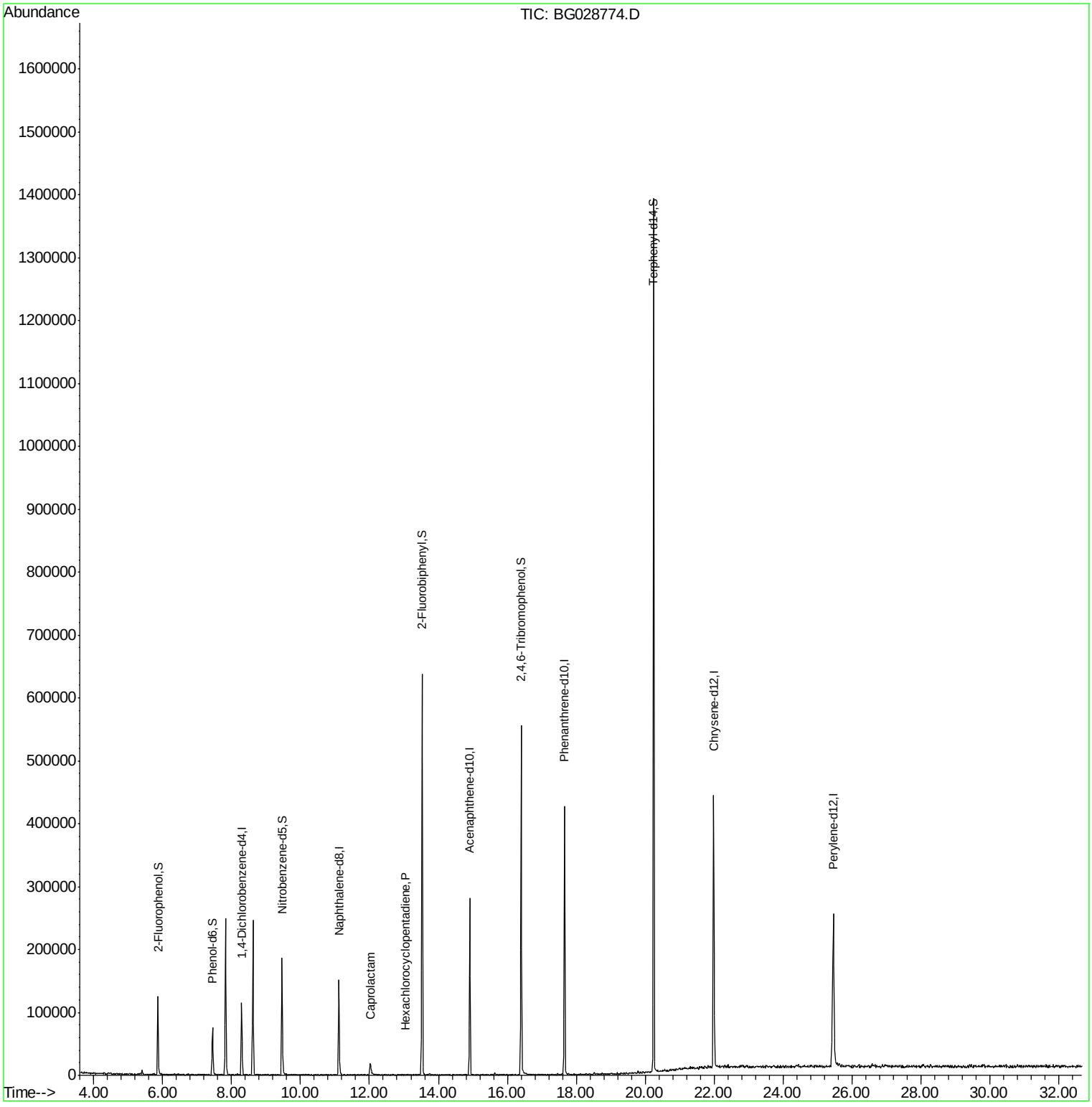
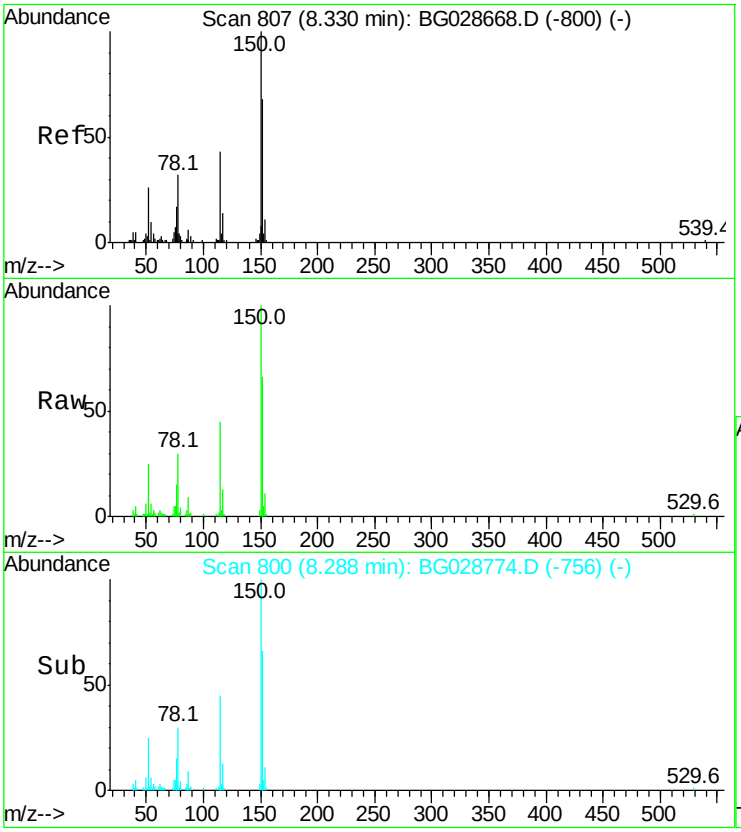


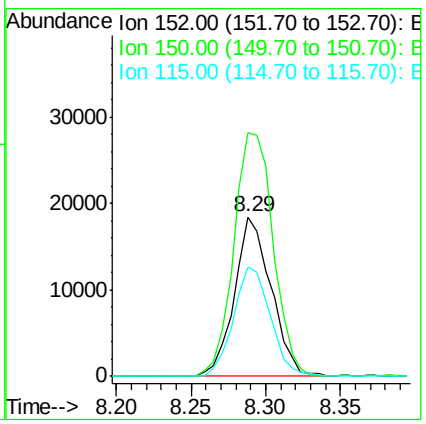


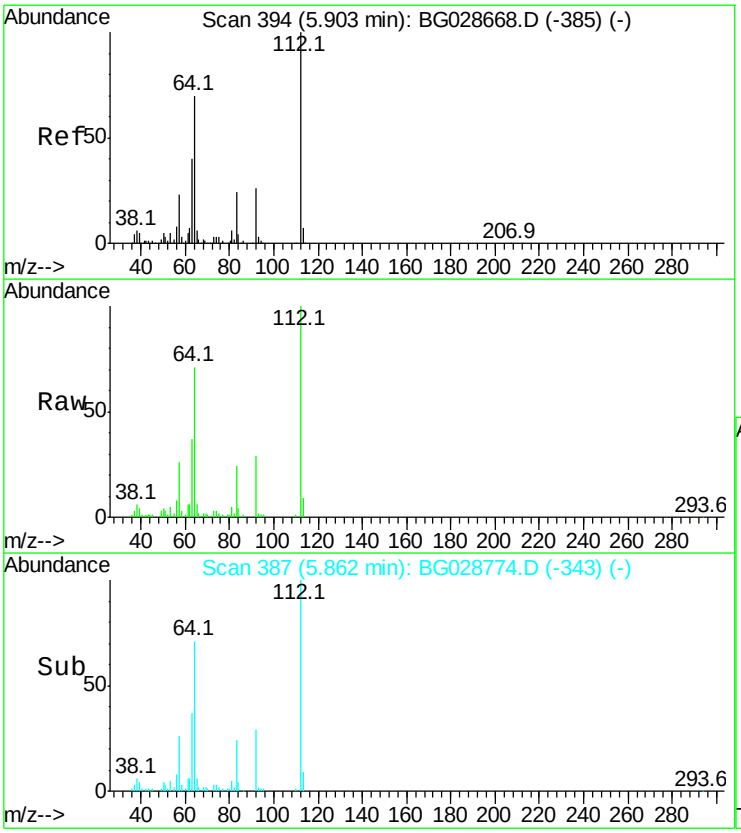
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 31318

Ion	Ratio	Lower	Upper
152	100		
150	152.6	114.0	171.0
115	68.3	48.1	72.1

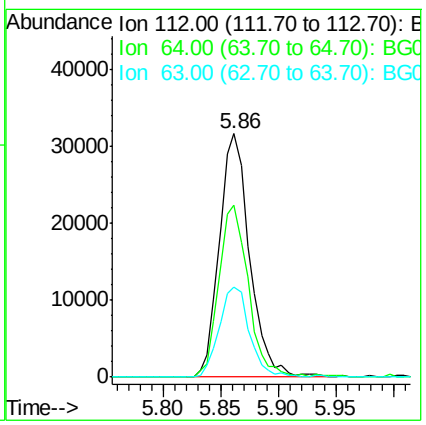


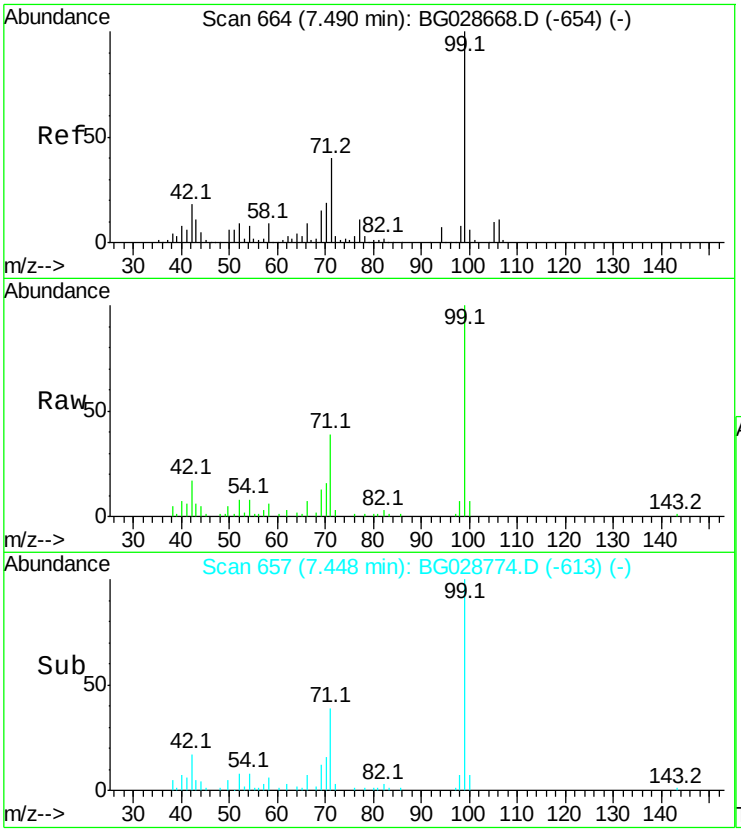


#5
2-Fluorophenol
Concen: 30.176 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Tgt Ion:112 Resp: 57275

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



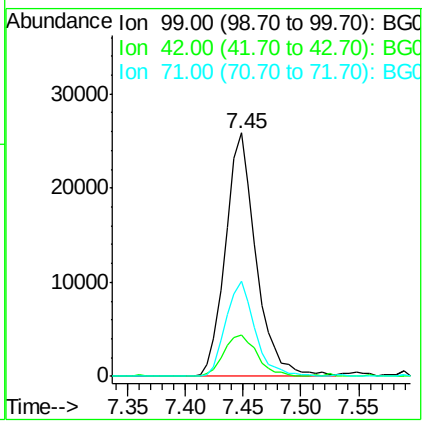


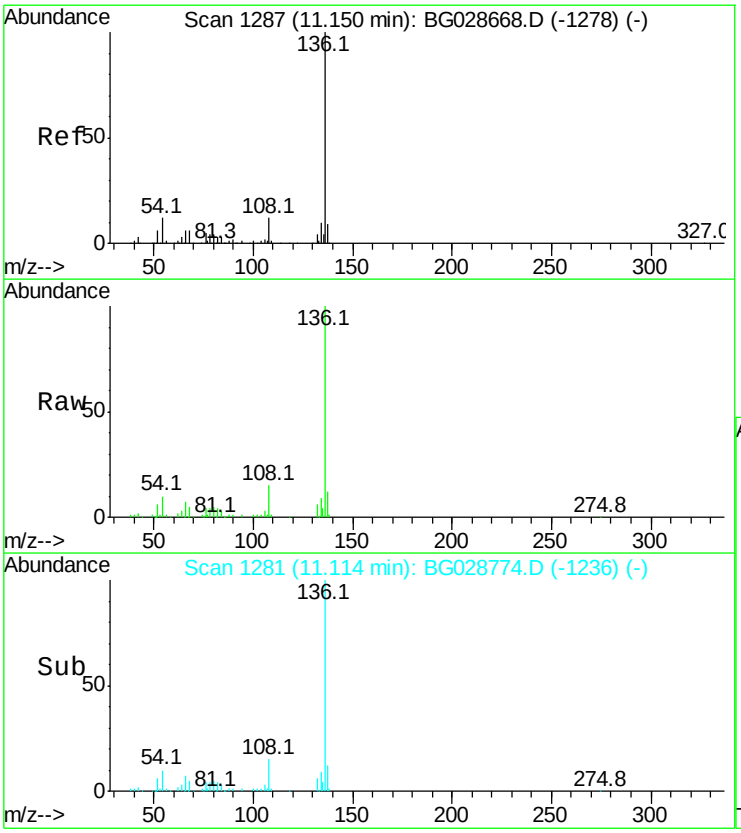
#7
Phenol-d6
Concen: 16.611 ng
RT: 7.45 min Scan# 657
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 47468

Ion	Ratio	Lower	Upper
99	100		
42	17.2	20.5	30.7#
71	39.3	37.6	56.4

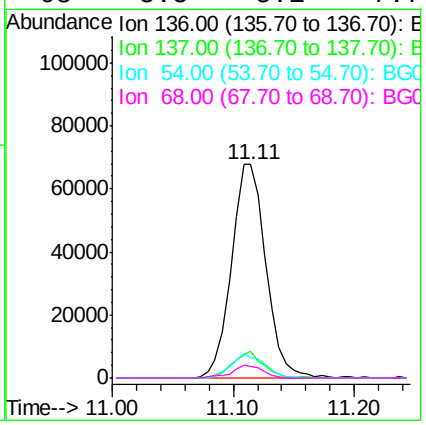


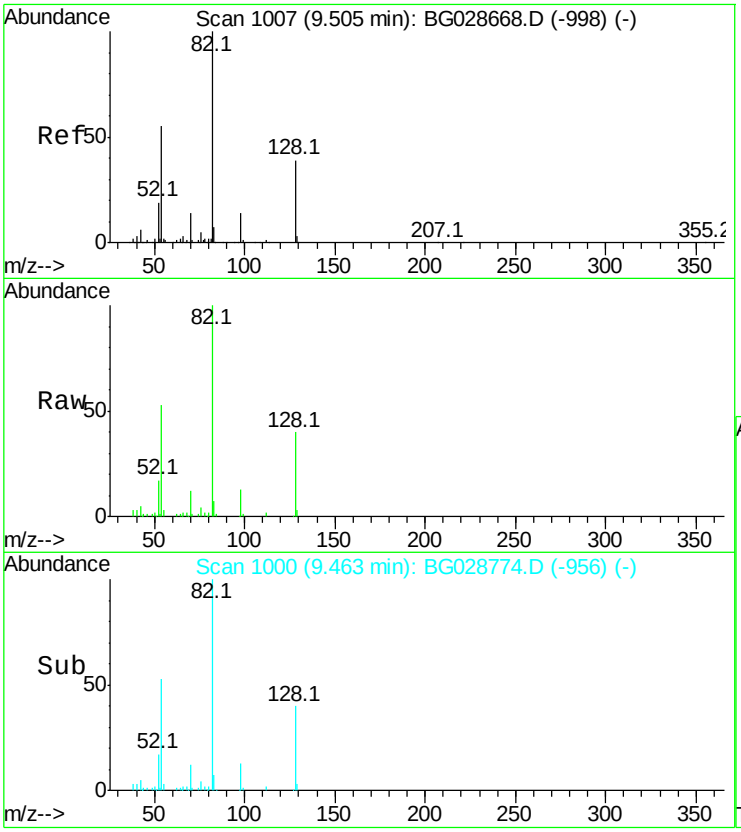


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1281
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Tgt Ion:136 Resp: 134529

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.9	13.3
54	9.7	9.3	13.9
68	5.5	5.1	7.7



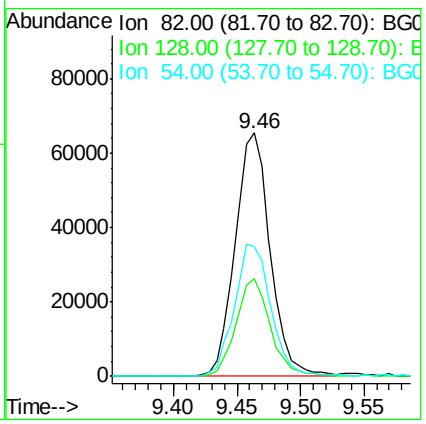


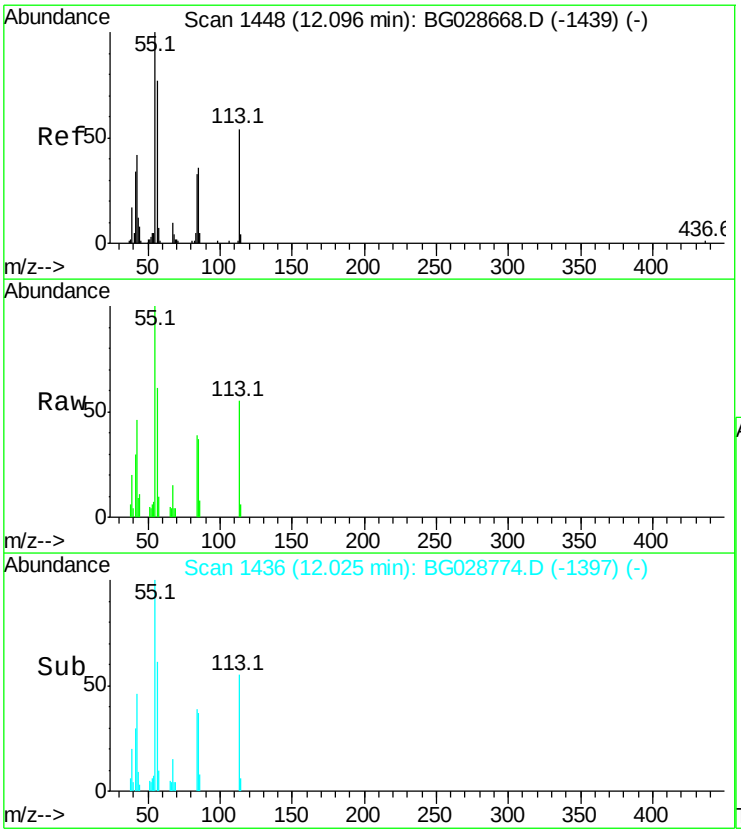
#23
Nitrobenzene-d5
Concen: 44.599 ng
RT: 9.46 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 125421

Ion	Ratio	Lower	Upper
82	100		
128	40.2	26.4	39.6#
54	53.4	49.4	74.2

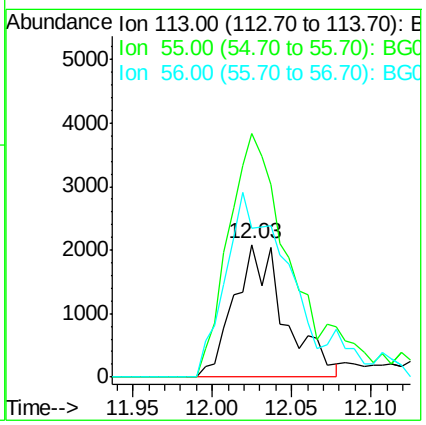


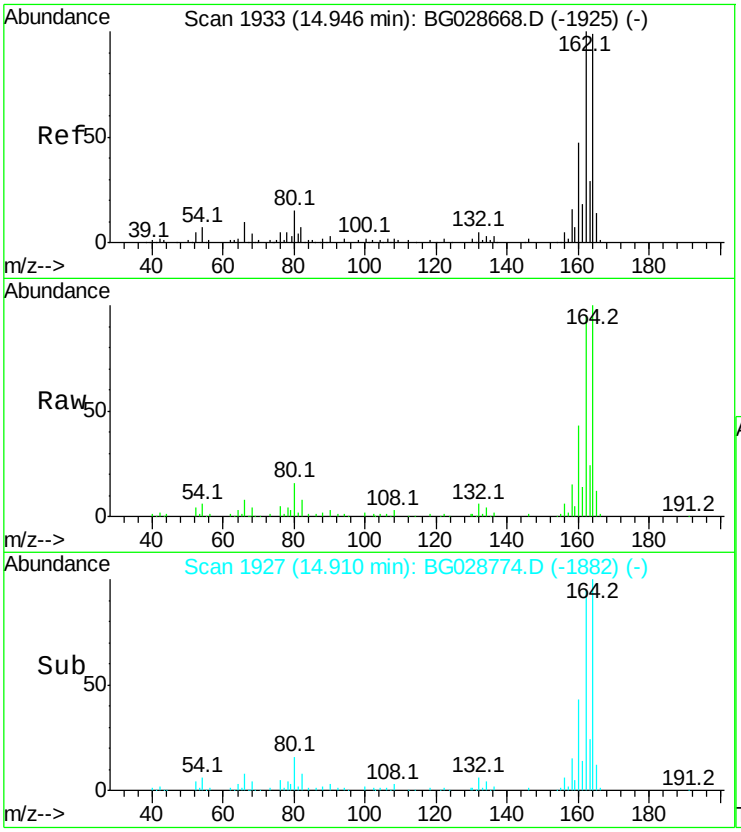


#35
Caprolactam
Concen: 5.329 ng
RT: 12.03 min Scan# 1436
Delta R.T. -0.07 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Tgt Ion:113 Resp: 4606

Ion	Ratio	Lower	Upper
113	100		
55	183.3	198.6	238.6#
56	111.7	140.4	180.4#



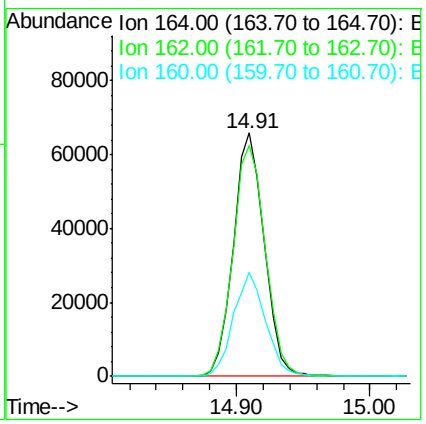


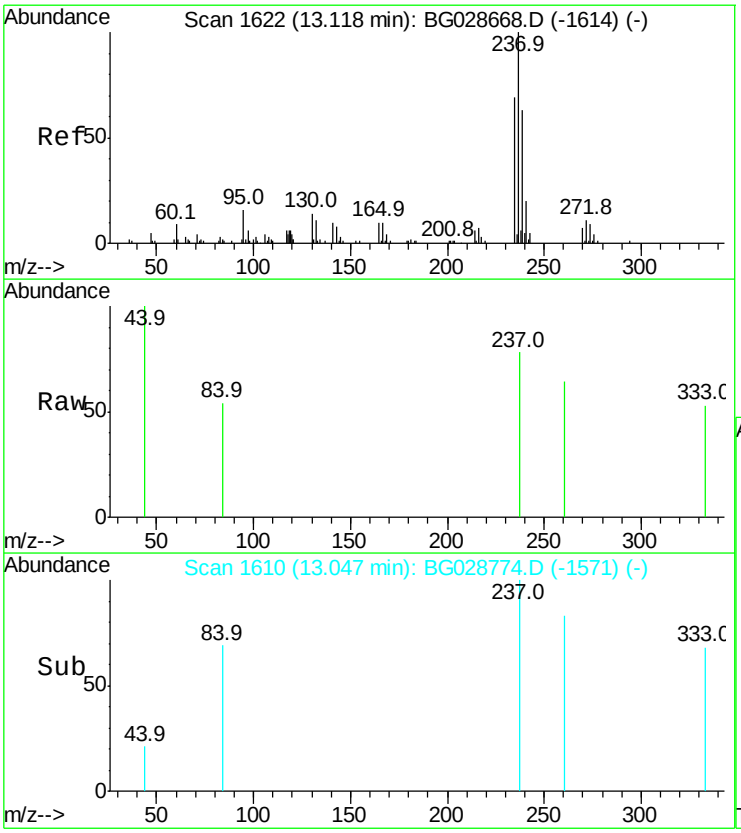
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 105272

Ion	Ratio	Lower	Upper
164	100		
162	95.0	85.1	127.7
160	42.7	34.7	52.1

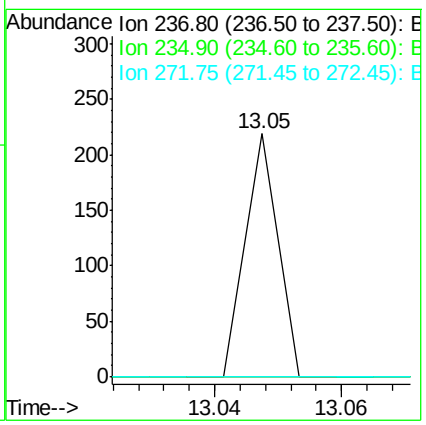


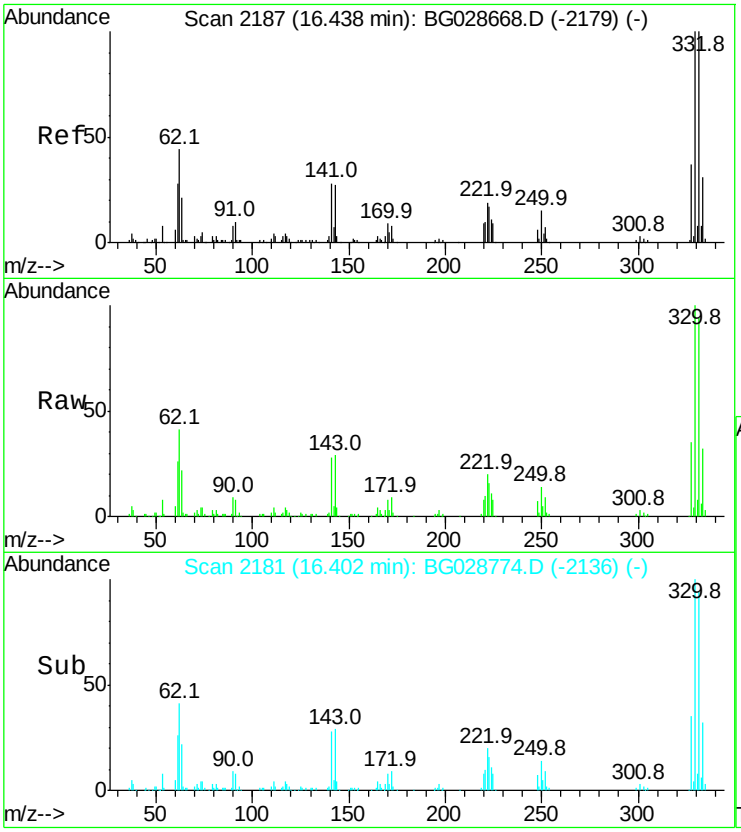


#40
Hexachlorocyclopentadiene
Concen: 7.644 ng
RT: 13.05 min Scan# 1610
Delta R.T. -0.07 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Tgt Ion:237 Resp: 77

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



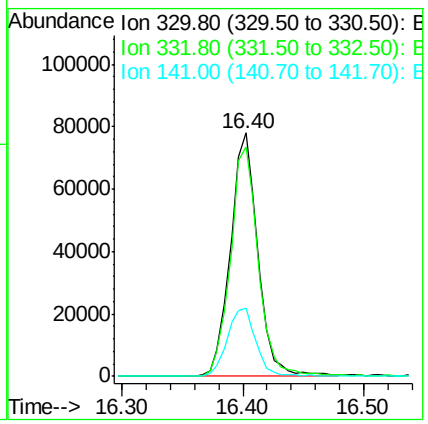


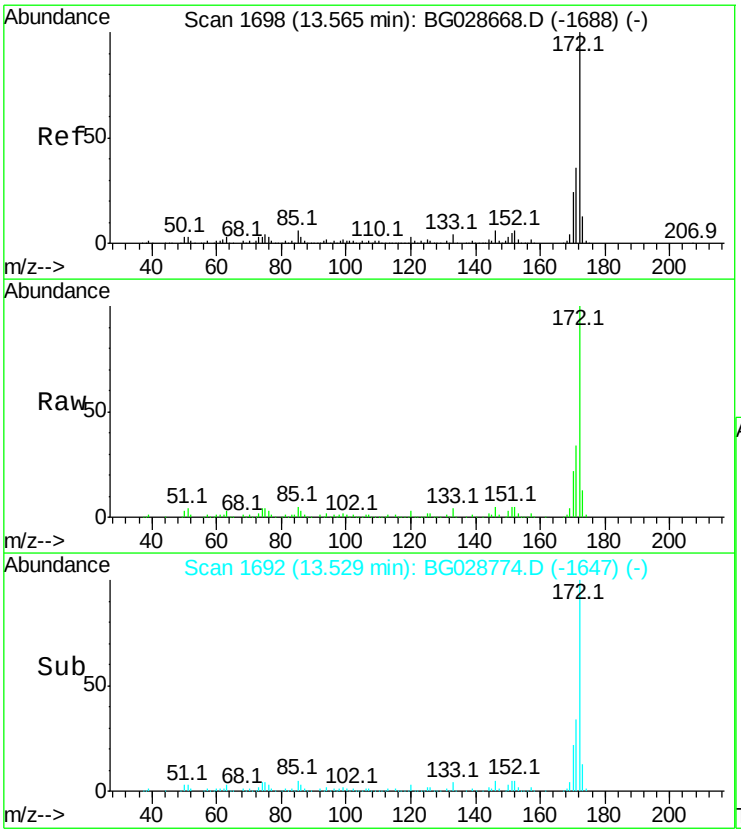
#41
2,4,6-Tribromophenol
Concen: 70.872 ng
RT: 16.40 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 123398

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	29.1	32.1	48.1#

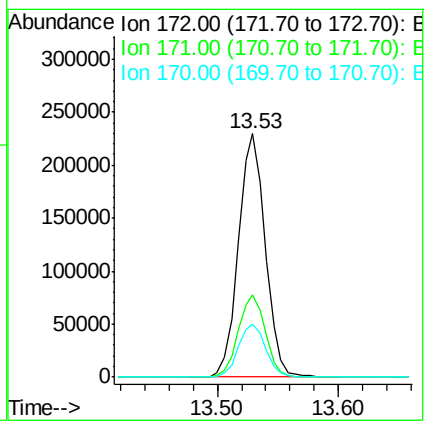


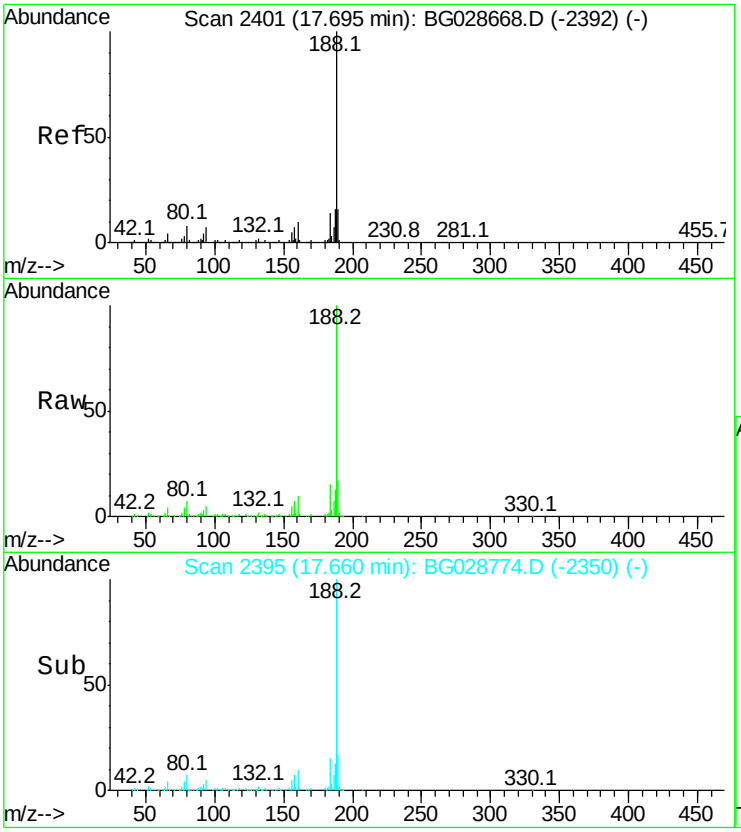


#44
2-Fluorobiphenyl
Concen: 45.011 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Tgt Ion:172 Resp: 355354

Ion	Ratio	Lower	Upper
172	100		
171	33.7	32.2	48.2
170	21.9	21.8	32.6



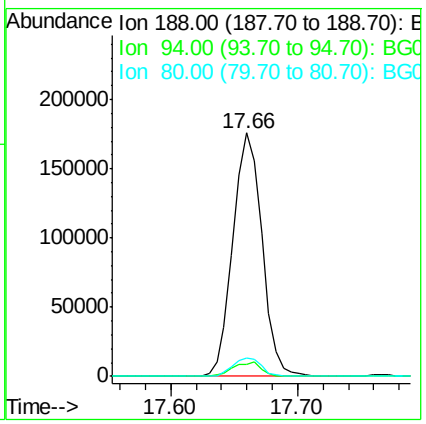


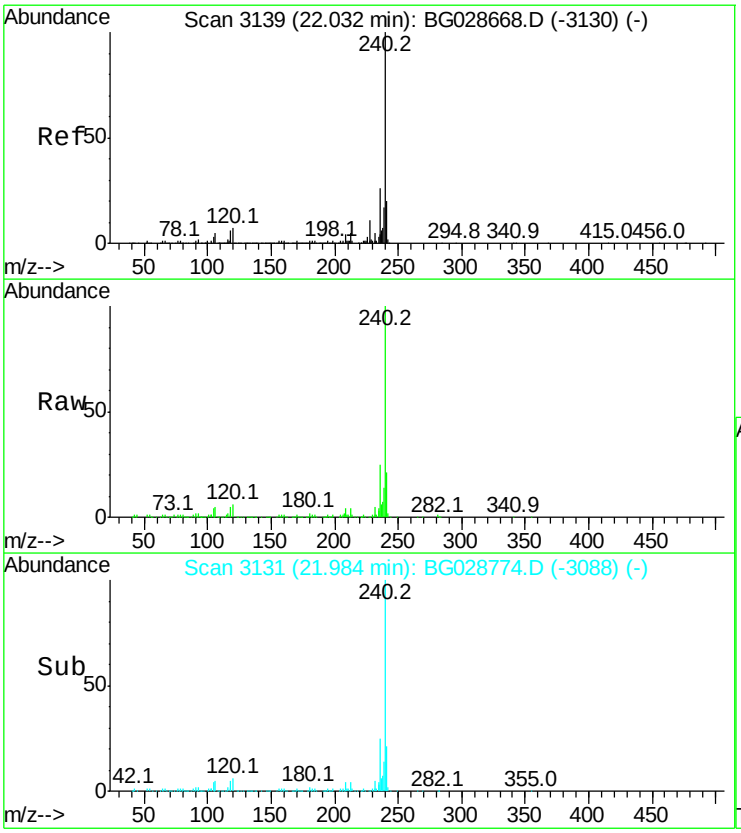
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 280064

Ion	Ratio	Lower	Upper
188	100		
94	5.1	5.8	8.8#
80	7.4	7.5	11.3#

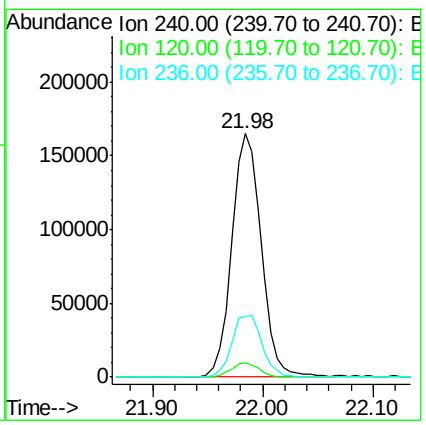


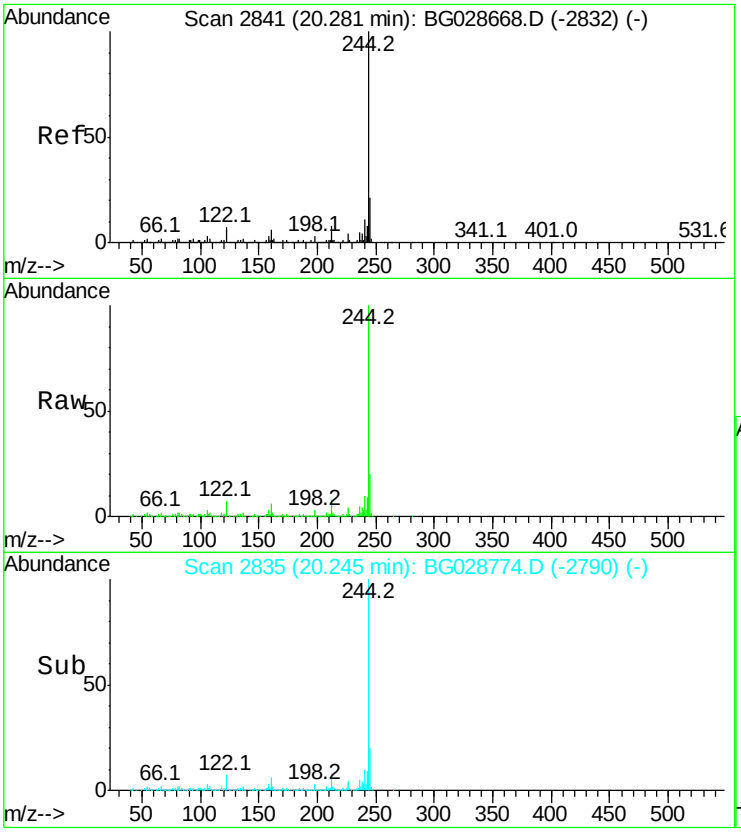


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Tgt Ion:240 Resp: 309589

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5
236	24.9	22.2	33.4



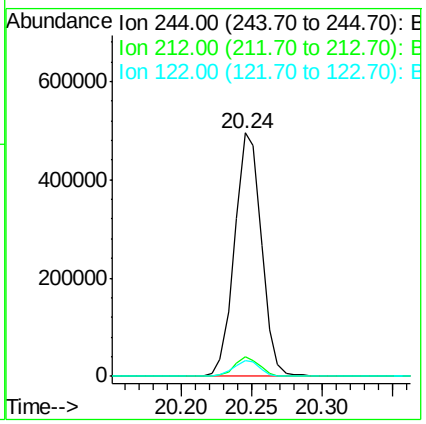


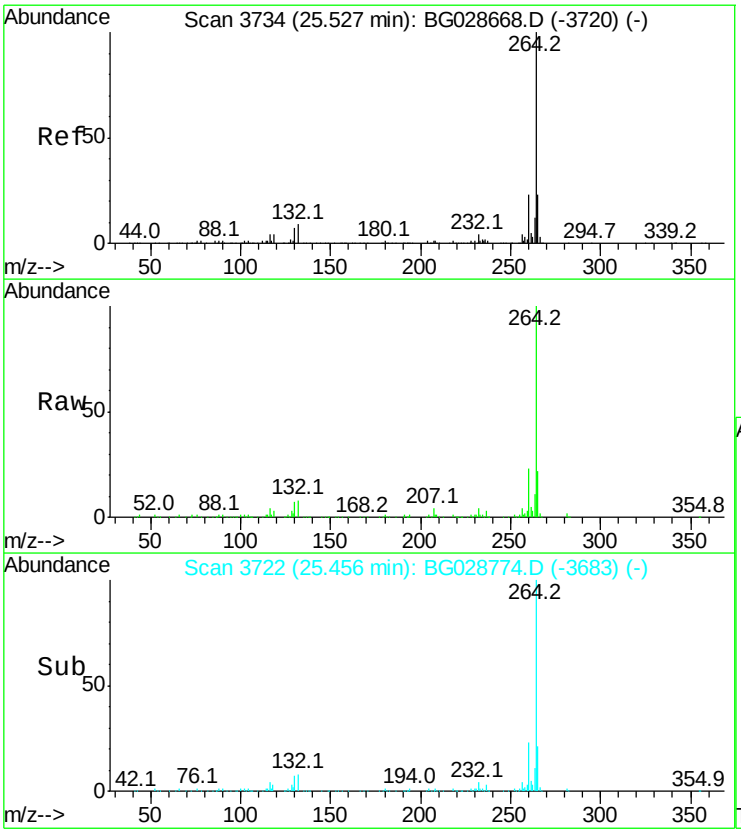
#78
Terphenyl-d14
Concen: 45.134 ng
RT: 20.24 min Scan# 2835
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 655213

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	6.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.46 min Scan# 3722
Delta R.T. -0.07 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Tgt Ion:264 Resp: 320779

Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	21.6	18.2	27.4