Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022015\
Data File : BF077385.D
Acq On : 20 Feb 2015 16:49
Operator : TP/IZ
Sample : G1325-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-GW-01

Quant Time: Feb 21 00:35:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 20 23:55:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	85779	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	347968	20.00	ng	-0.01
38) Acenaphthene-d10	11.08	164	186620	20.00	ng	0.00
63) Phenanthrene-d10	12.92	188	354574	20.00	ng	-0.01
75) Chrysene-d12	16.23	240	352360	20.00	ng	0.00
86) Perylene-d12	17.99	264	335797	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	228205	44.41	ng	0.00
7) Phenol-d6	6.88	99	175000	26.49	ng	0.00
23) Nitrobenzene-d5	8.02	82	549804	98.25	ng	0.00
41) 2,4,6-Tribromophenol	12.07	330	191075	106.34	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	1274451	106.48	ng	0.00
78) Terphenyl-d14	14.92	244	1375038	91.23	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.75	163	44029	3.36	ng	99
51) Acenaphthene	11.12	154	73981	7.06	ng	97

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

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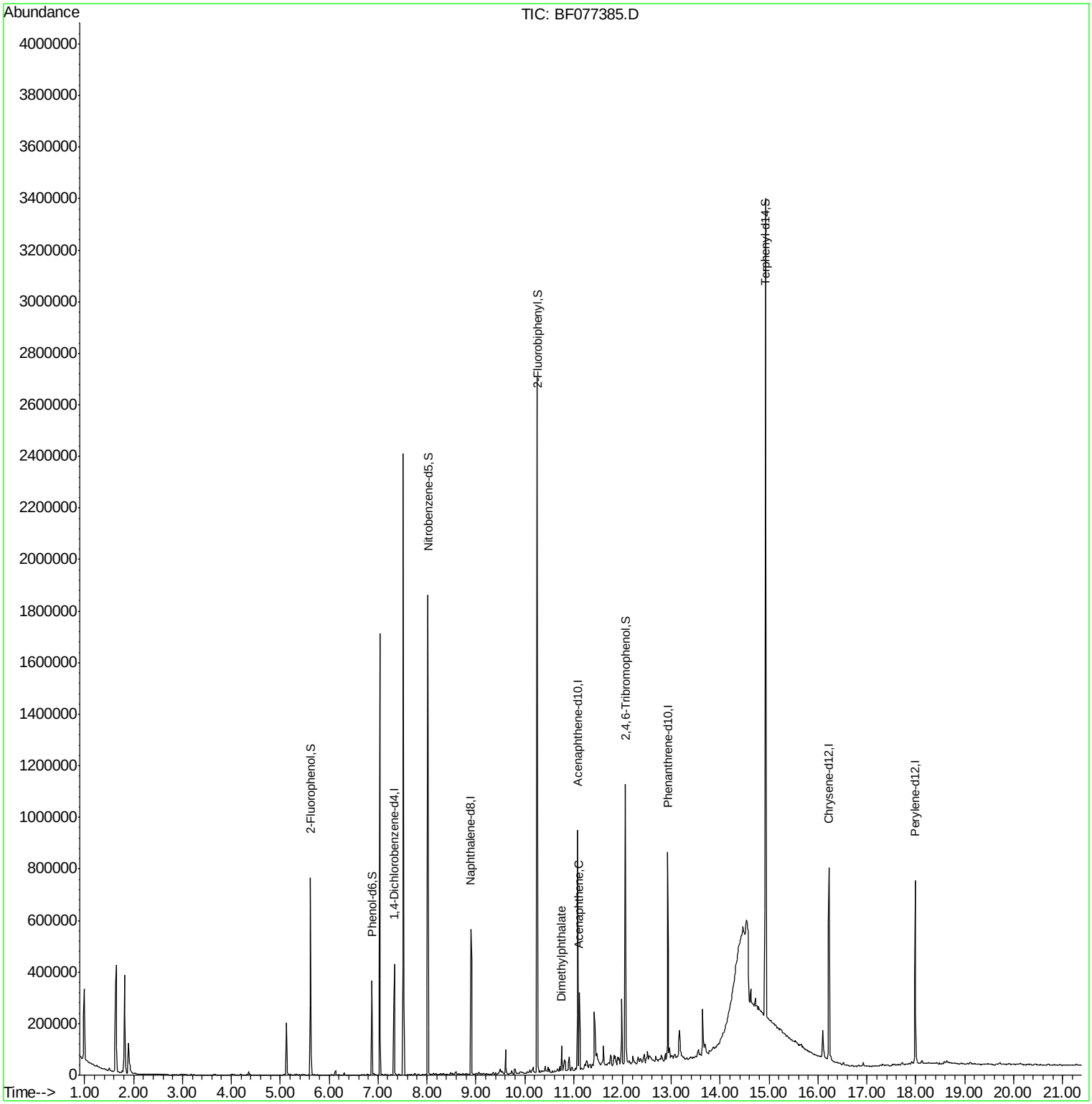
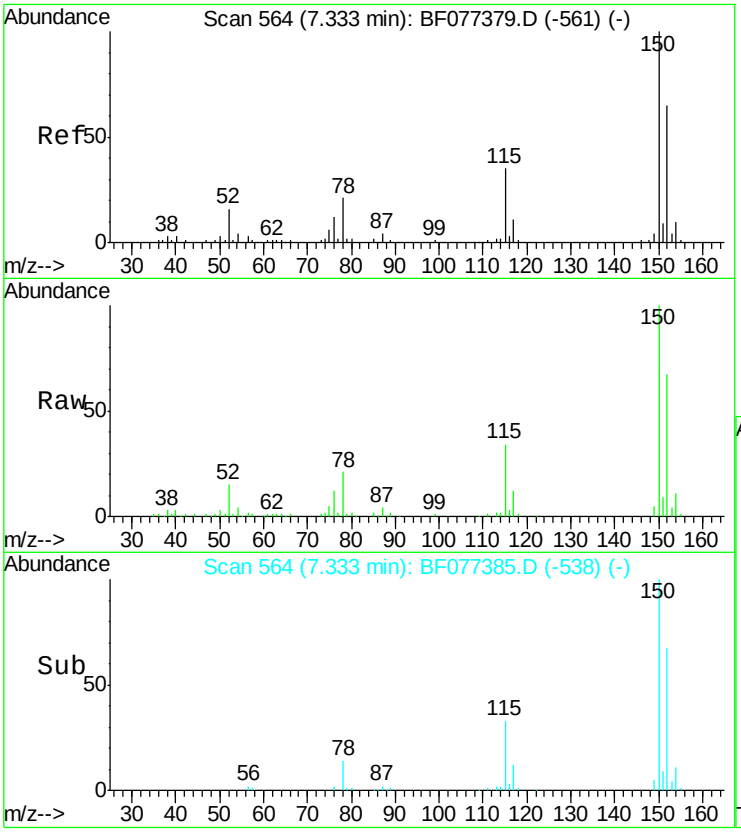


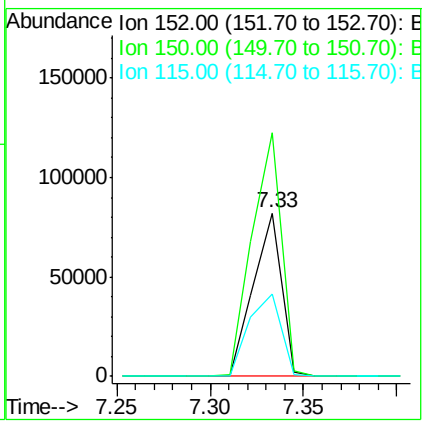


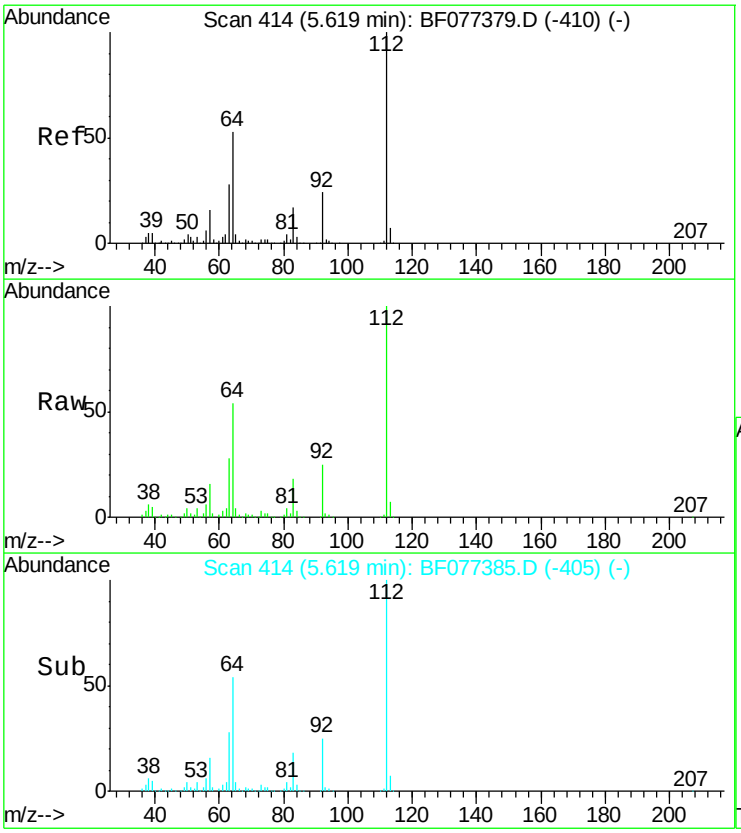
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Instrument :
BNA_F
ClientSampleId :
WC-GW-01

Tgt Ion:152 Resp: 85779

Ion	Ratio	Lower	Upper
152	100		
150	149.4	124.0	186.0
115	50.4	49.4	74.2

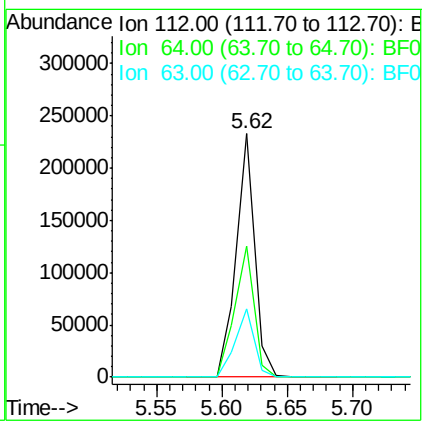


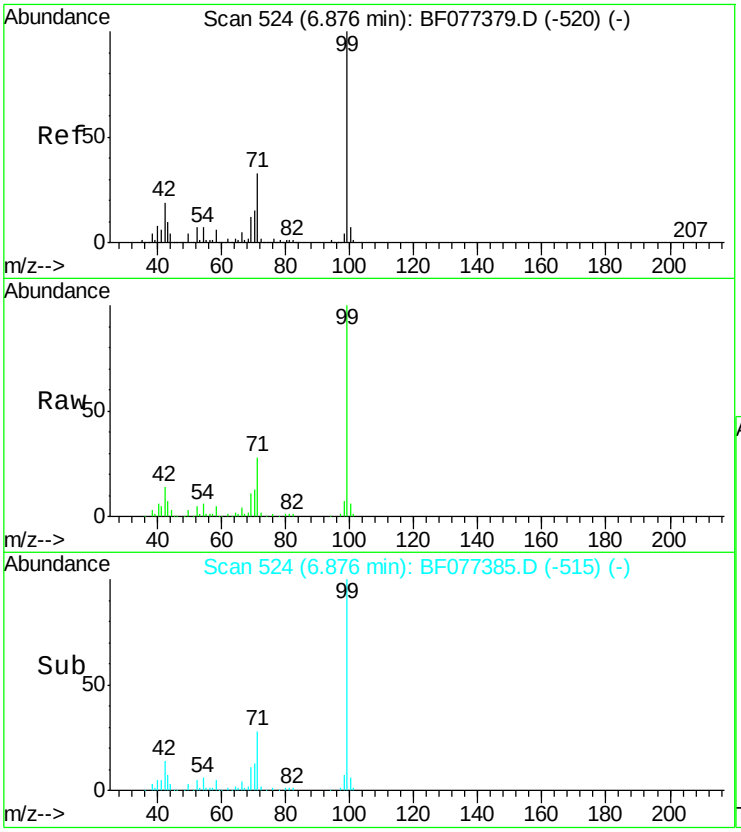


#5
2-Fluorophenol
Concen: 44.41 ng
RT: 5.62 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Tgt Ion:112 Resp: 228205

Ion	Ratio	Lower	Upper
112	100		
64	53.9	48.5	72.7
63	27.8	25.0	37.4



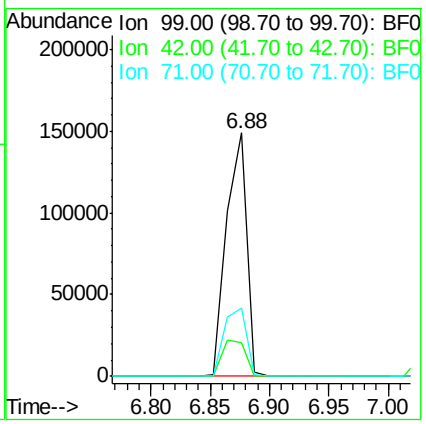


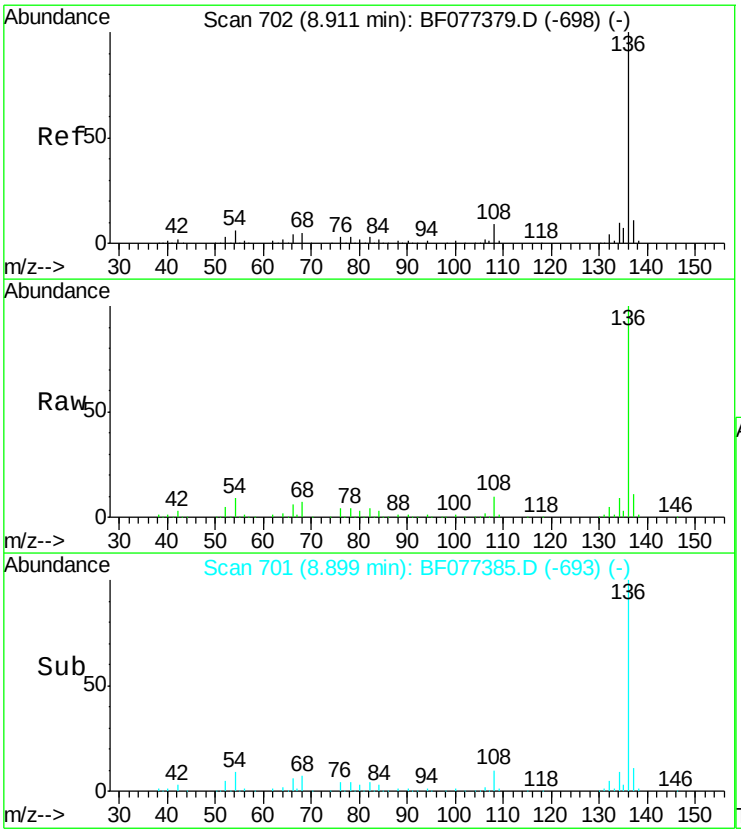
#7
Phenol-d6
Concen: 26.49 ng
RT: 6.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Instrument :
BNA_F
ClientSampleId :
WC-GW-01

Tgt Ion: 99 Resp: 175000

Ion	Ratio	Lower	Upper
99	100		
42	13.8	16.2	24.4#
71	28.1	26.7	40.1

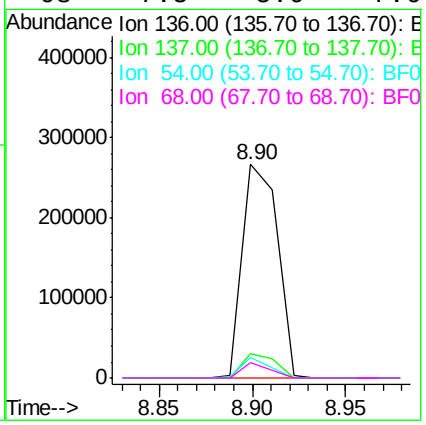


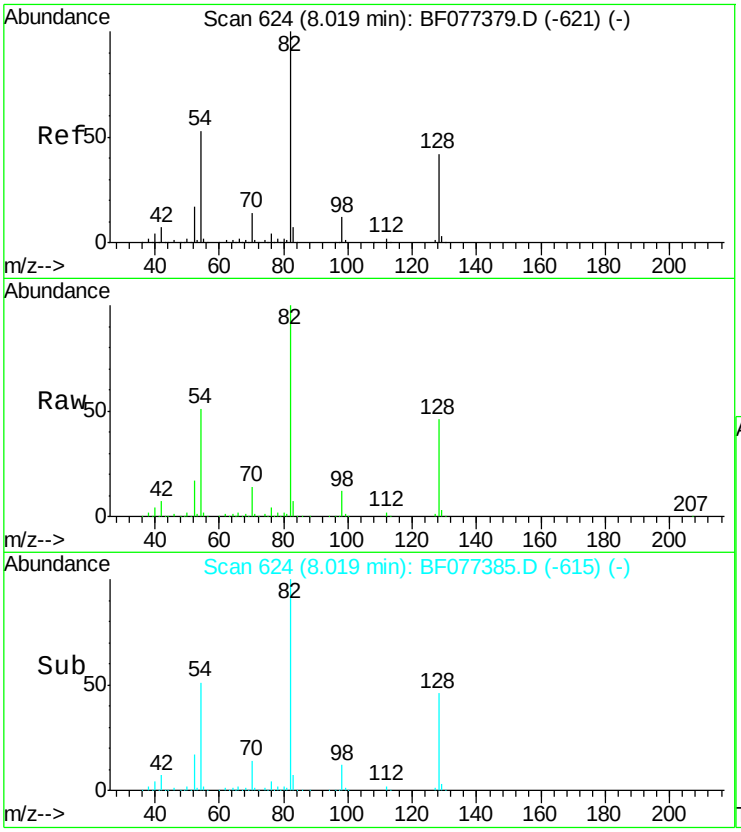


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.90 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Tgt Ion:136 Resp: 347968

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.5	6.2	9.4#
68	7.5	5.0	7.6



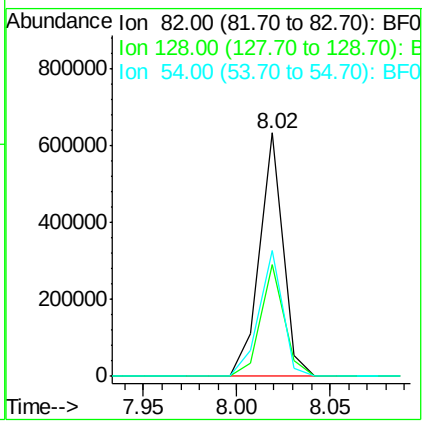


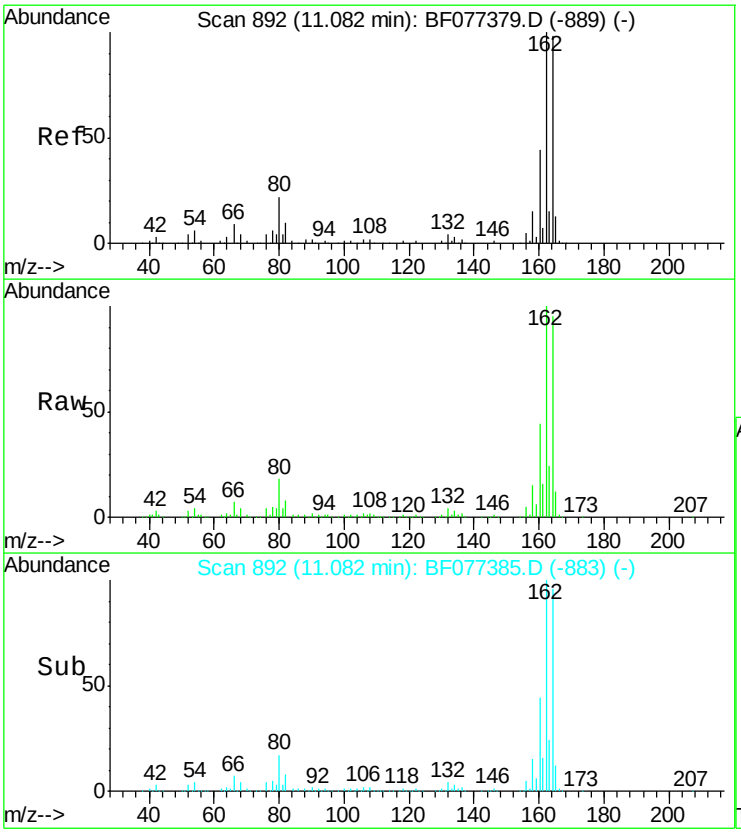
#23
Nitrobenzene-d5
Concen: 98.25 ng
RT: 8.02 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Instrument :
BNA_F
ClientSampleId :
WC-GW-01

Tgt Ion: 82 Resp: 549804

Ion	Ratio	Lower	Upper
82	100		
128	45.7	43.8	65.8
54	51.5	36.7	55.1

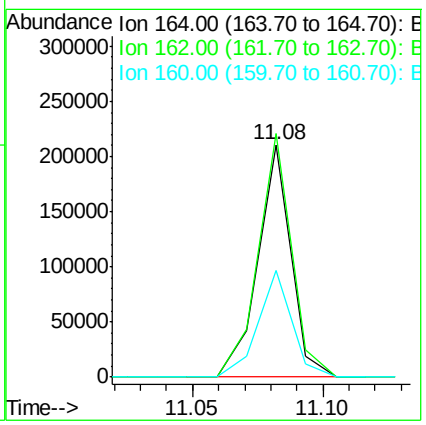


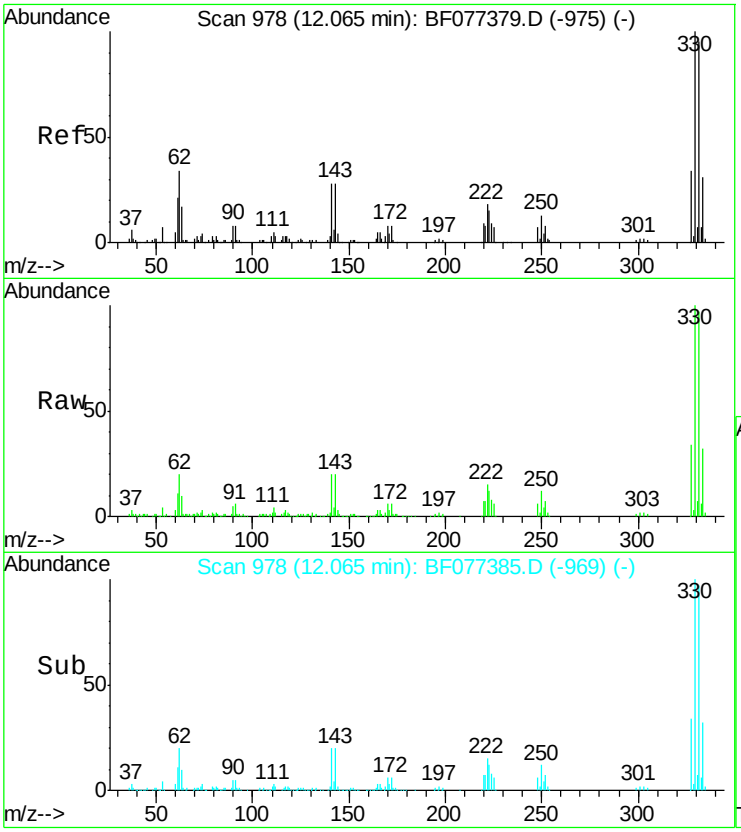


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Tgt Ion:164 Resp: 186620

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.2	124.8
160	45.7	34.6	52.0



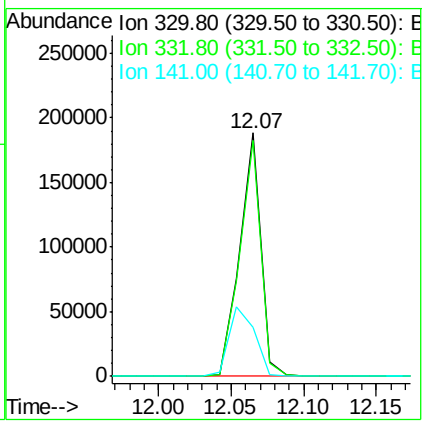


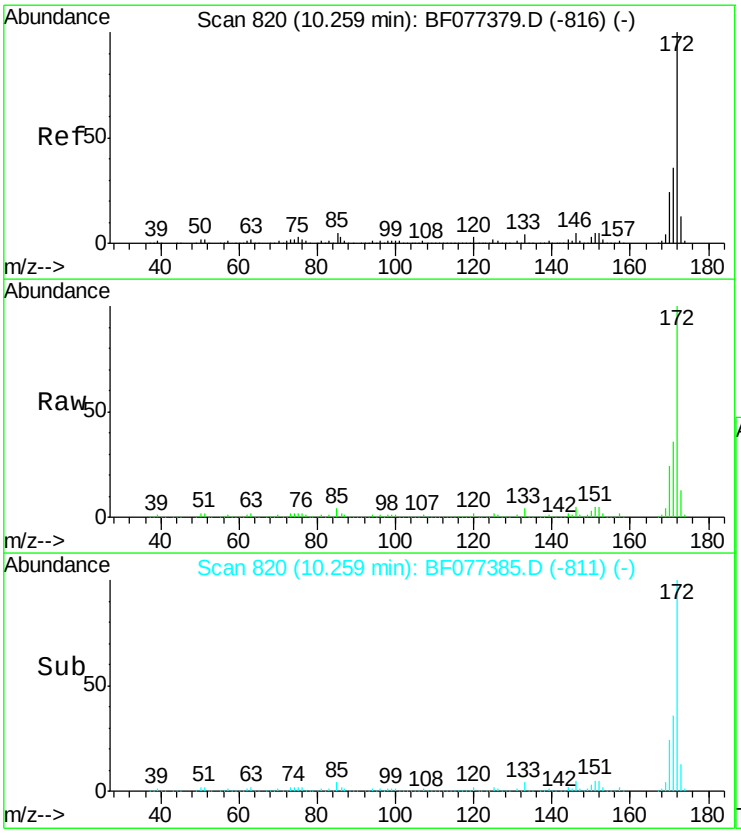
#41
2,4,6-Tribromophenol
Concen: 106.34 ng
RT: 12.07 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Instrument :
BNA_F
ClientSampleId :
WC-GW-01

Tgt Ion:330 Resp: 191075

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	35.8	28.8	43.2

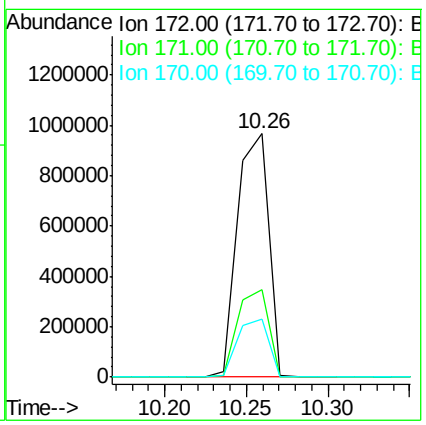


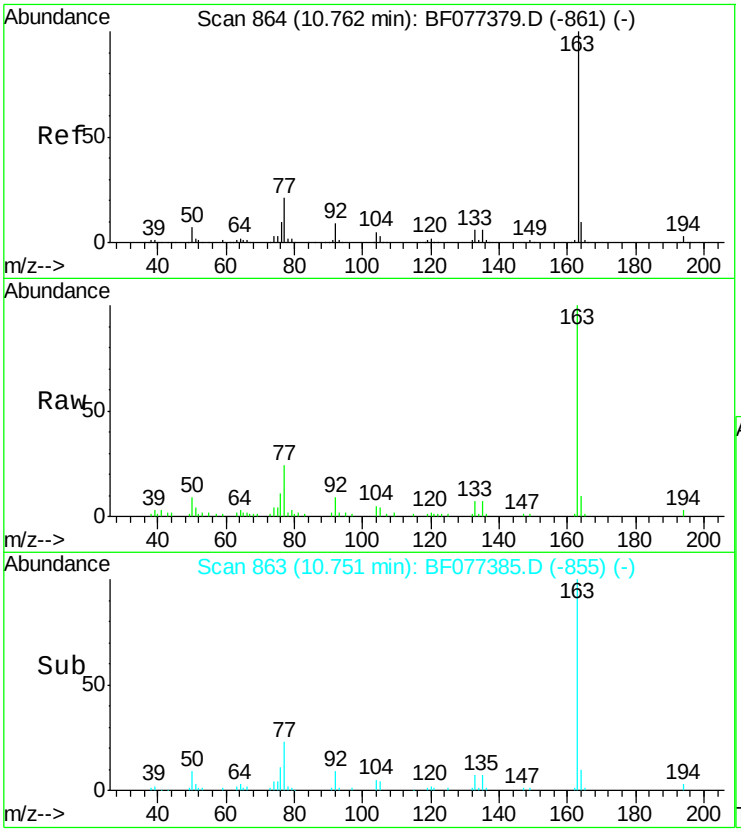


#44
2-Fluorobiphenyl
Concen: 106.48 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Tgt Ion:172 Resp: 1274451

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.6	19.4	29.2



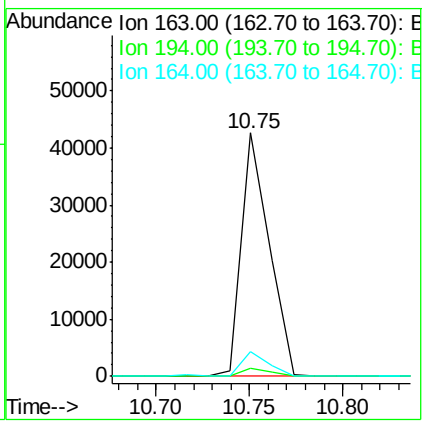


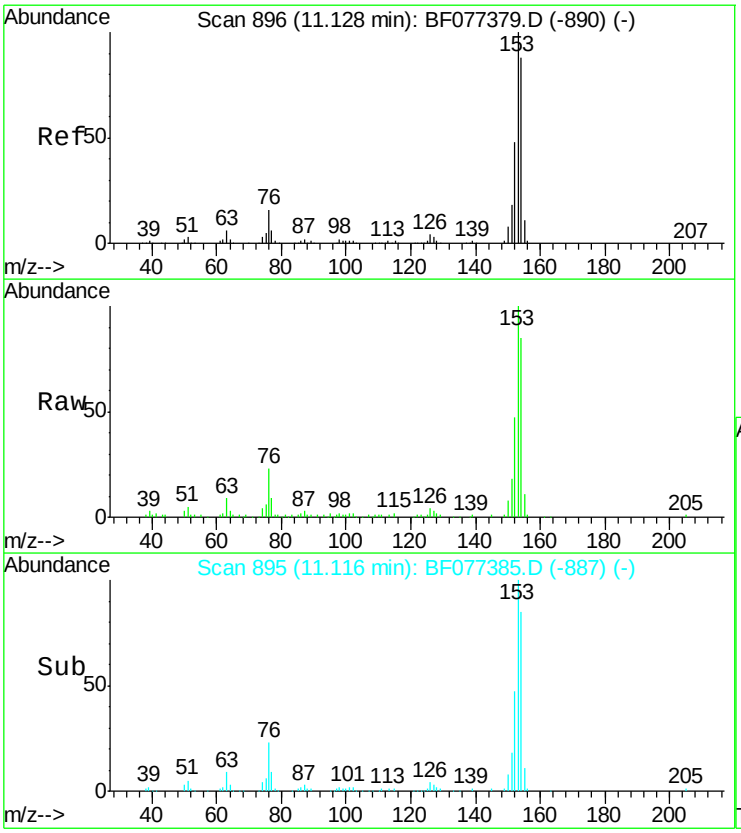
#49
Dimethylphthalate
Concen: 3.36 ng
RT: 10.75 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Instrument :
BNA_F
ClientSampleId :
WC-GW-01

Tgt Ion:163 Resp: 44029

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.6	13.0

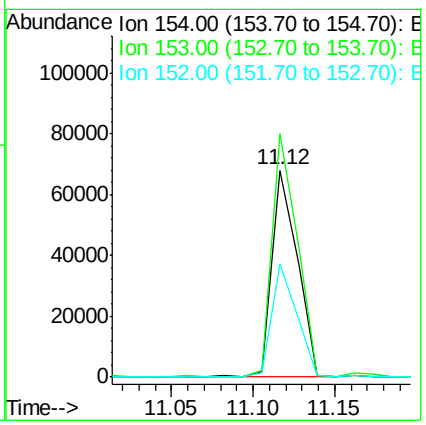


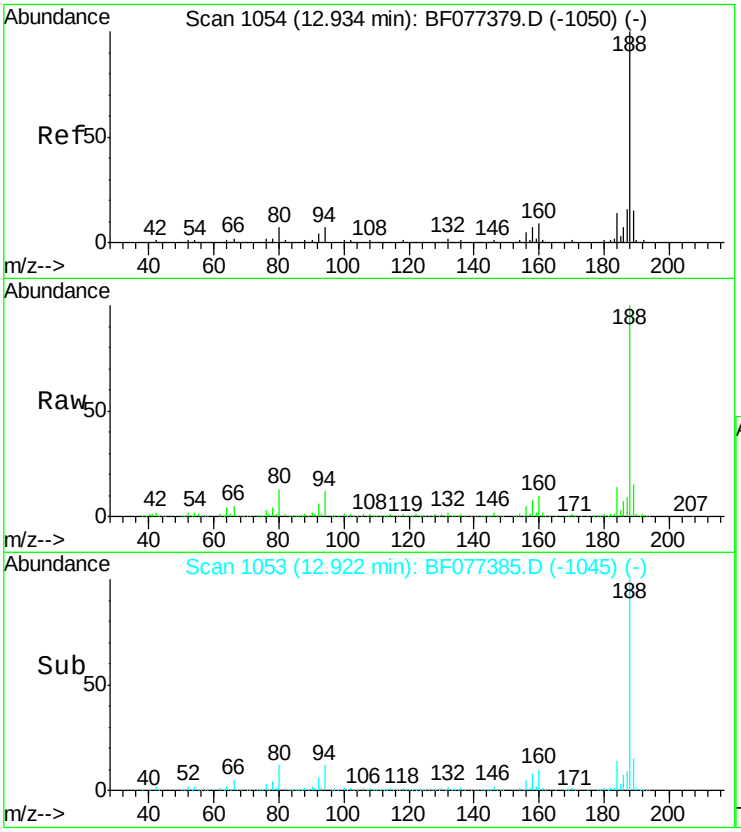


#51
Acenaphthene
Concen: 7.06 ng
RT: 11.12 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Tgt Ion:154 Resp: 73981

Ion	Ratio	Lower	Upper
154	100		
153	117.8	90.5	135.7
152	55.0	43.5	65.3



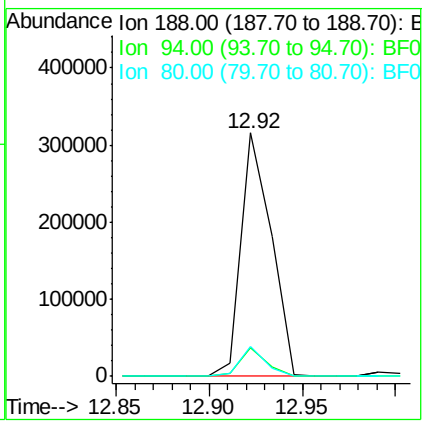


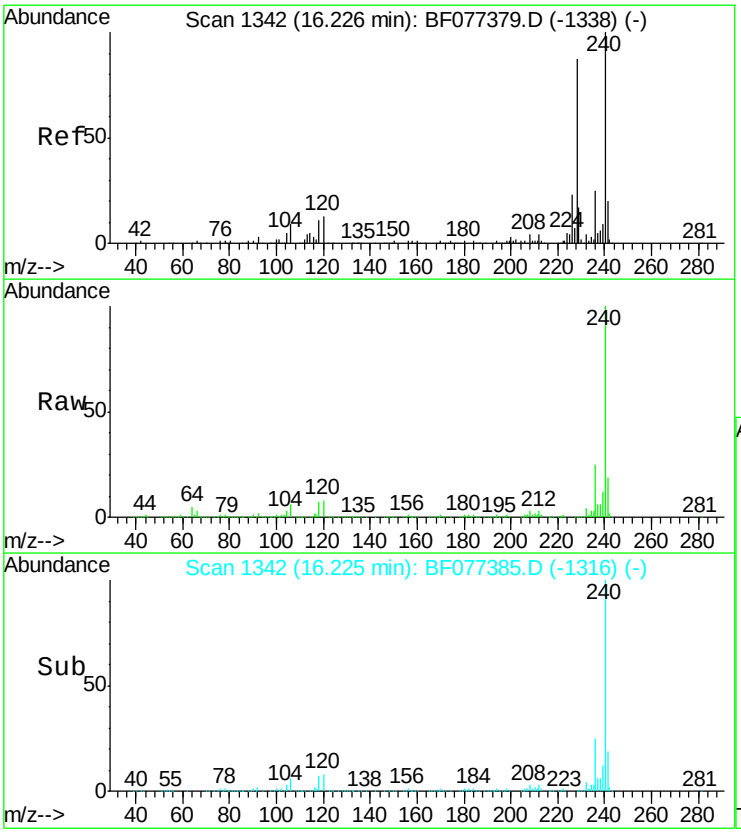
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Instrument :
BNA_F
ClientSampleId :
WC-GW-01

Tgt Ion:188 Resp: 354574

Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.4	11.2#
80	12.5	8.0	12.0#

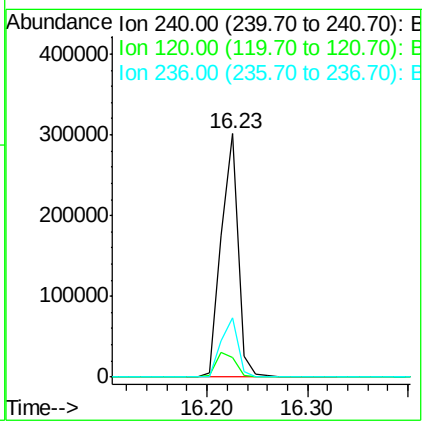


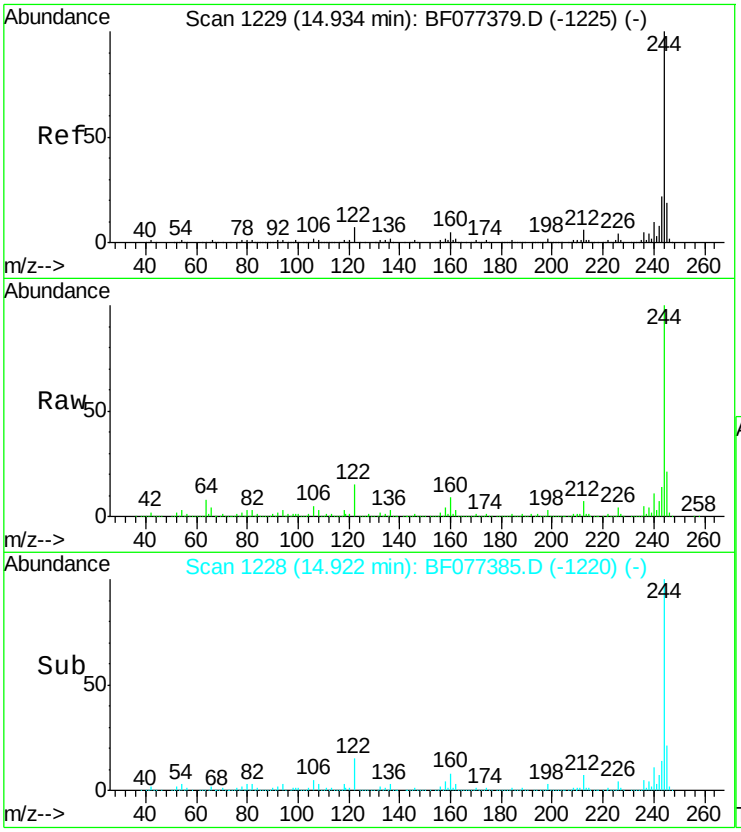


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Tgt Ion:240 Resp: 352360

Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.8	13.2#
236	24.5	20.7	31.1



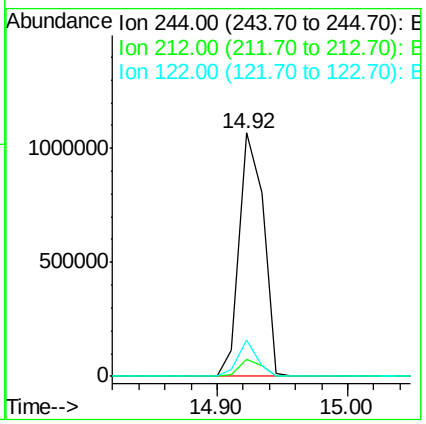


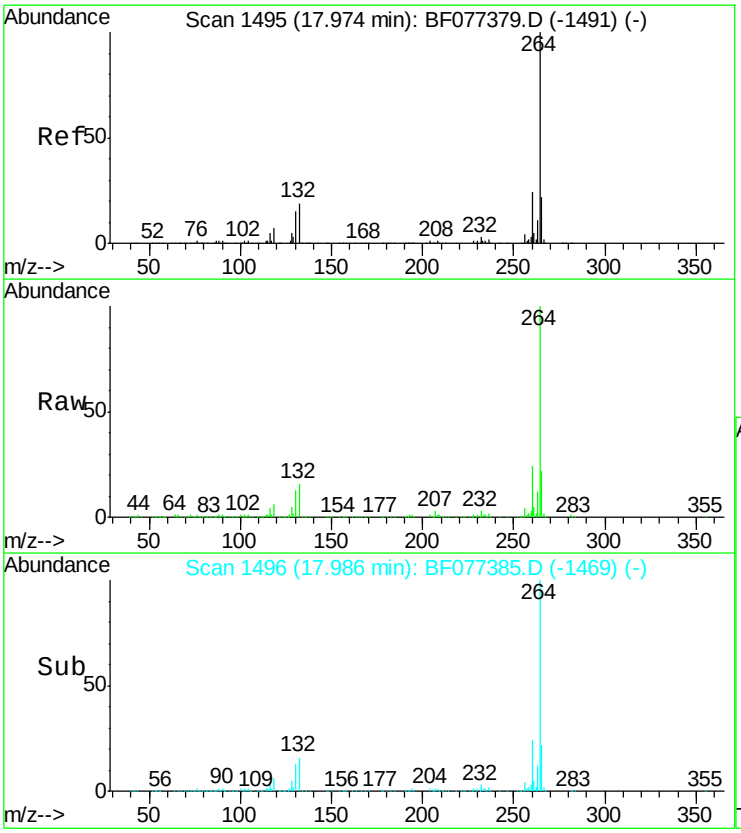
#78
Terphenyl-d14
Concen: 91.23 ng
RT: 14.92 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Instrument :
BNA_F
ClientSampleId :
WC-GW-01

Tgt Ion:244 Resp: 1375038

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.2	7.8
122	14.6	7.8	11.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF077385.D
Acq: 20 Feb 2015 16:49

Tgt Ion:264 Resp: 335797

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.5	16.8	25.2