Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
Data File : BF089614.D
Acq On : 5 Aug 2016 5:49
Operator : UM/SJ
Sample : H4288-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-64-9.0-15.0

Quant Time: Aug 05 07:38:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	43878	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	189777	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	94372	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	177311	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	114784	20.00	ng	0.00
86) Perylene-d12	20.05	264	83221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	146699	56.04	ng	0.01
7) Phenol-d6	6.97	99	123824	34.87	ng	-0.01
23) Nitrobenzene-d5	8.35	82	318026	92.69	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	104098	133.67	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	613812	84.53	ng	0.00
78) Terphenyl-d14	17.05	244	475530	81.78	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.68	79	4918	2.11	ng	# 49
19) n-Nitroso-di-n-propylamine	8.35	70	38241	14.91	ng	# 81

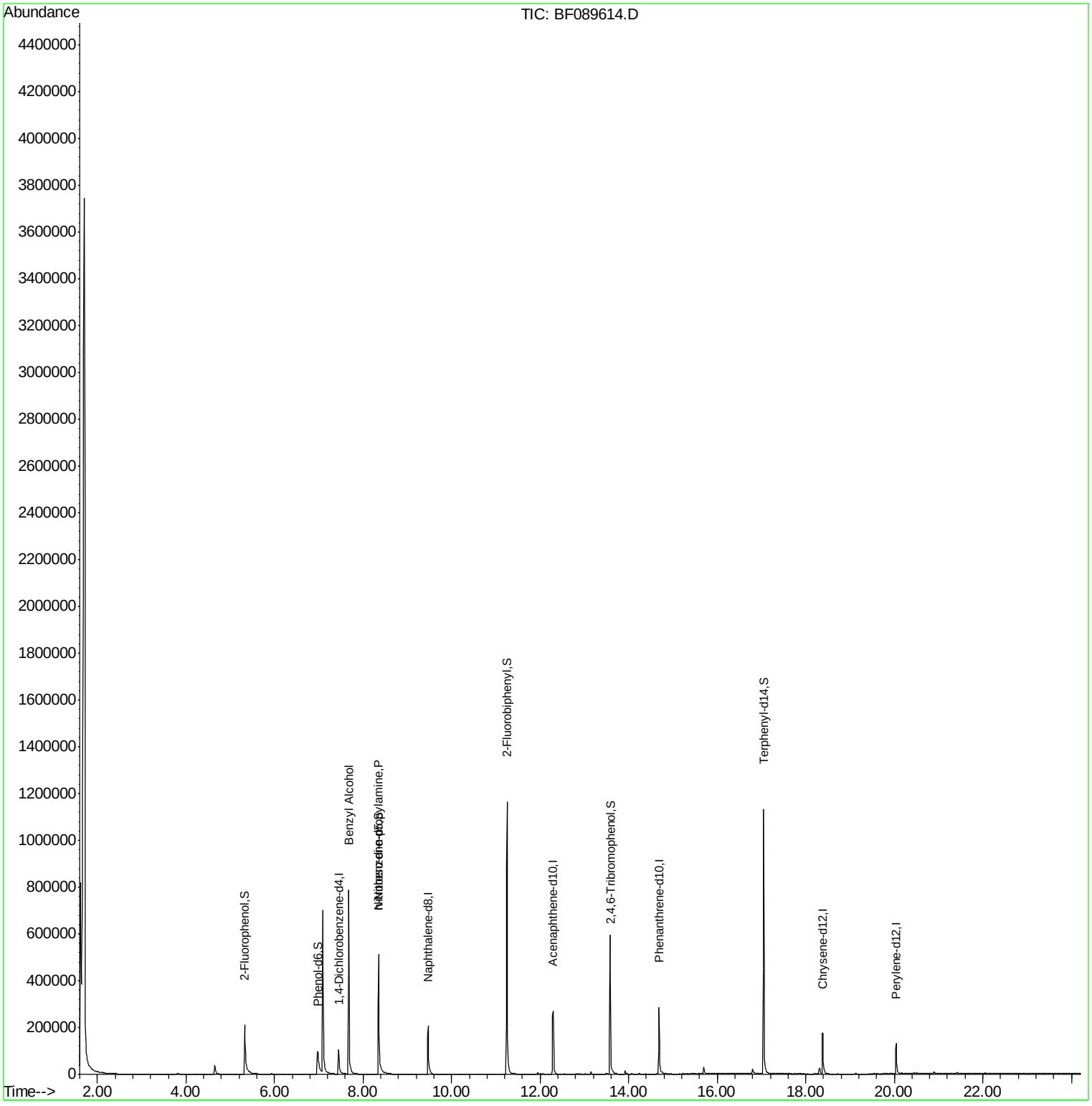
(#) = qualifier out of range (m) = manual integration (+) = signals summed

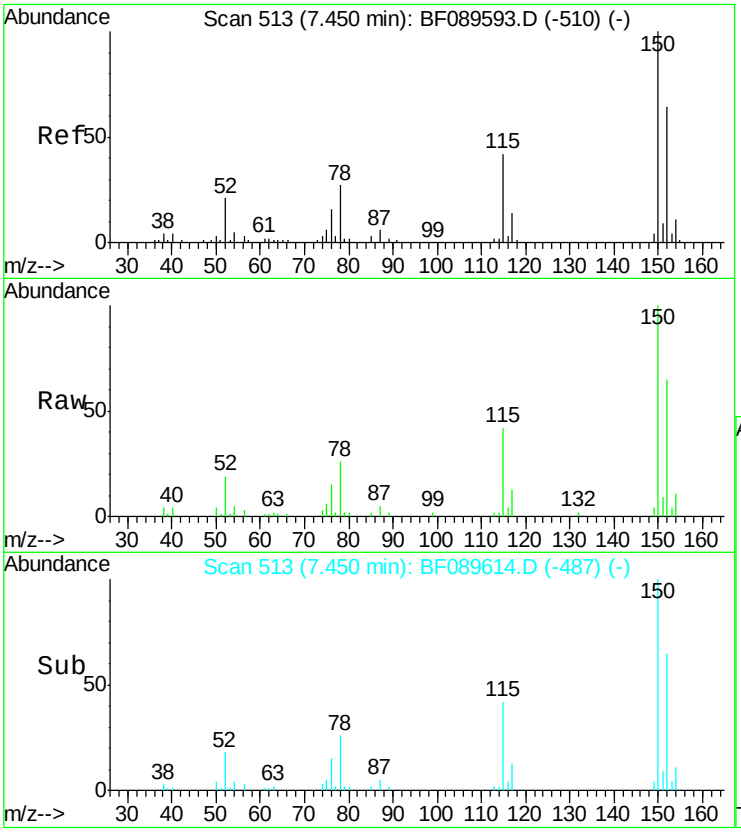
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
Data File : BF089614.D
Acq On : 5 Aug 2016 5:49
Operator : UM/SJ
Sample : H4288-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

Quant Time: Aug 05 07:38:53 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration



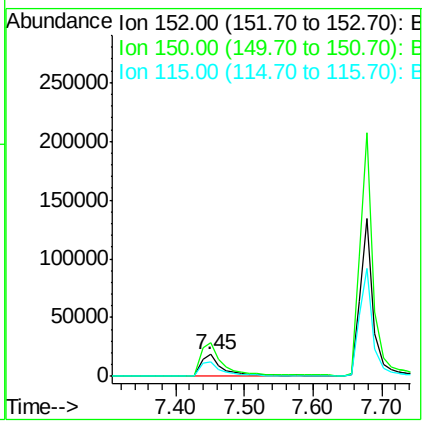


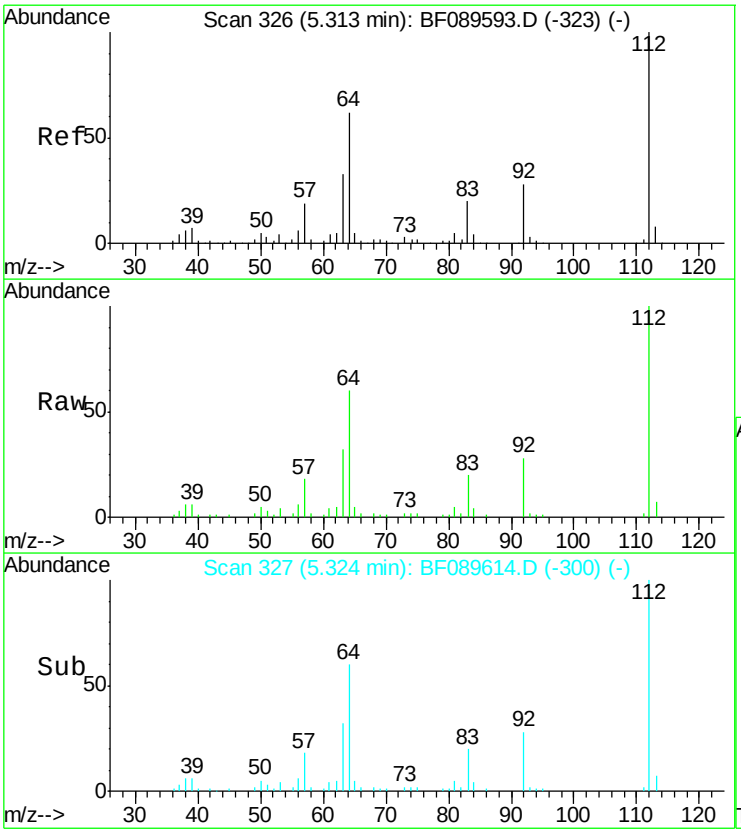
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

Tgt Ion:152 Resp: 43878

Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.5	188.3
115	64.2	52.0	78.0

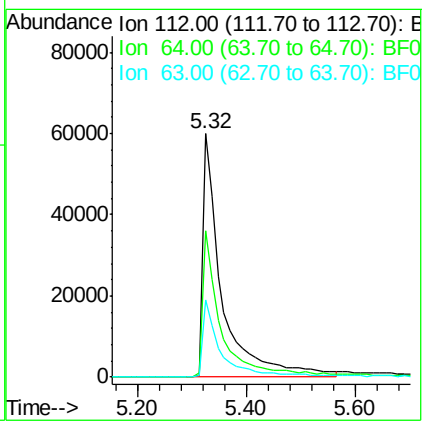


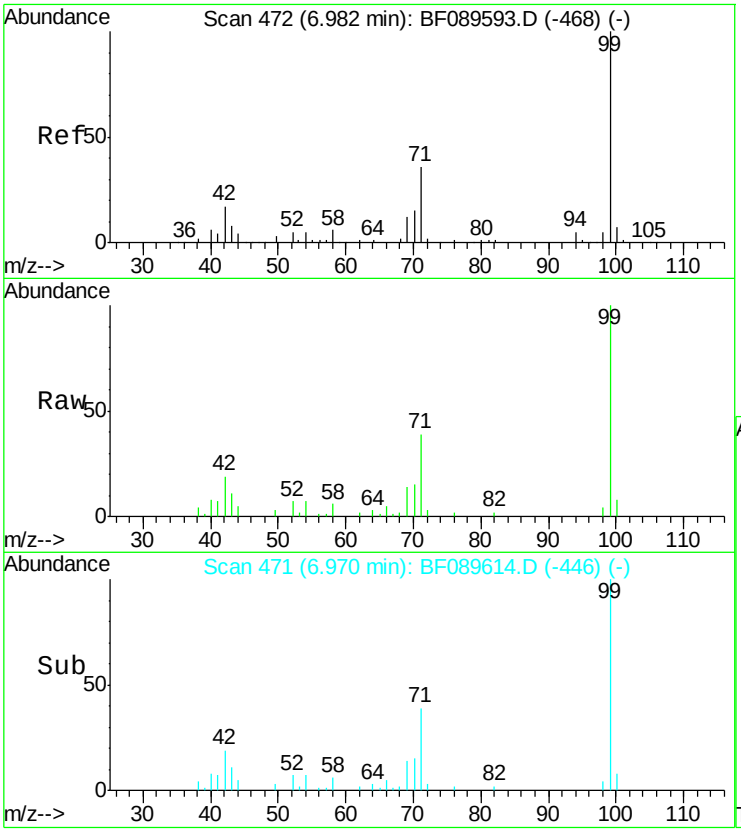


#5
2-Fluorophenol
Concen: 56.04 ng
RT: 5.32 min Scan# 327
Delta R.T. 0.01 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Tgt Ion:112 Resp: 146699

Ion	Ratio	Lower	Upper
112	100		
64	60.0	49.9	74.9
63	31.6	26.1	39.1



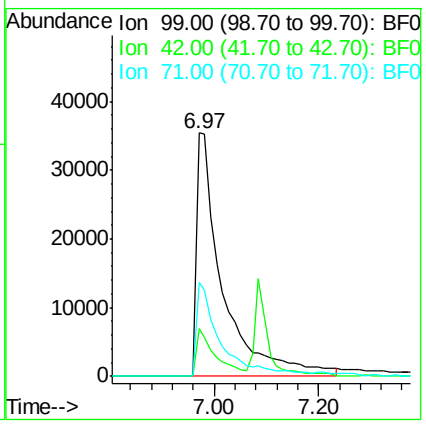


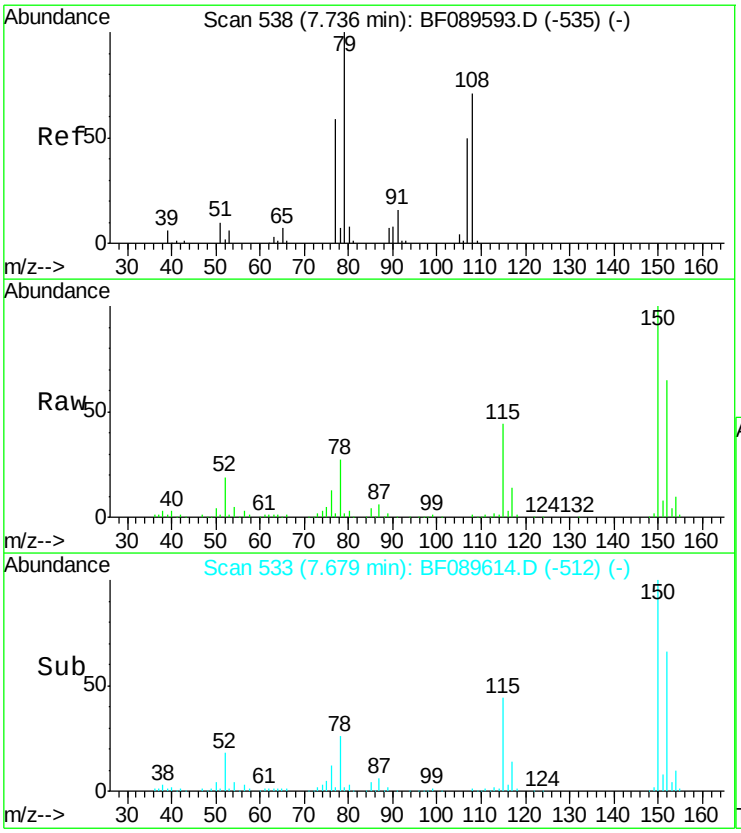
#7
Phenol-d6
Concen: 34.87 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

Tgt Ion: 99 Resp: 123824

Ion	Ratio	Lower	Upper
99	100		
42	19.5	13.7	20.5
71	38.6	29.0	43.4

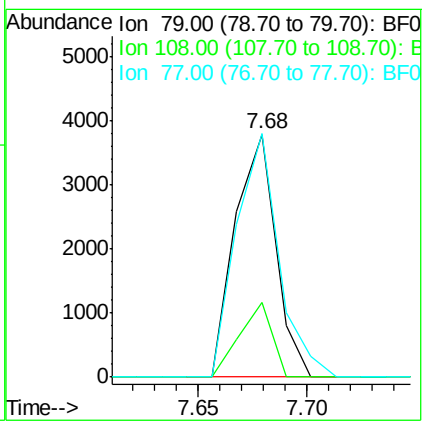


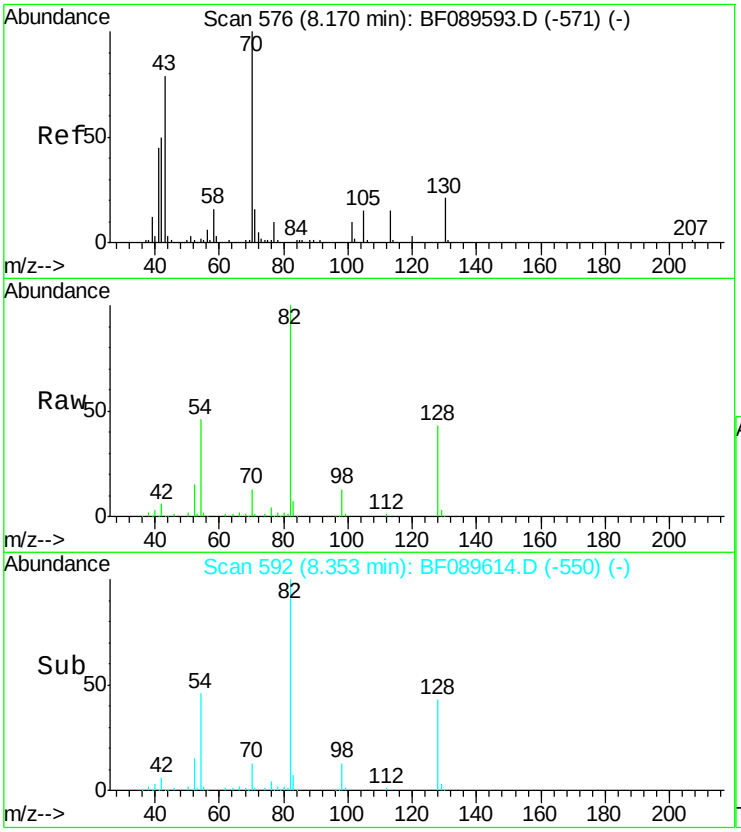


#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.06 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Tgt Ion: 79 Resp: 4918

Ion	Ratio	Lower	Upper
79	100		
108	31.1	58.3	87.5#
77	100.4	48.7	73.1#



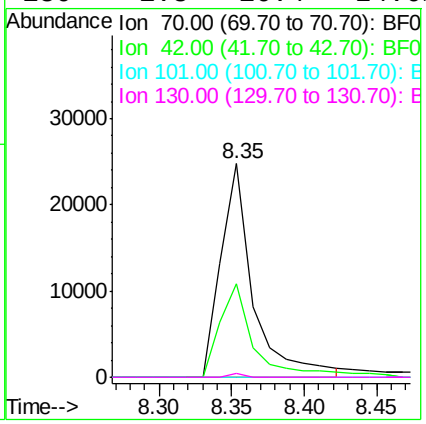


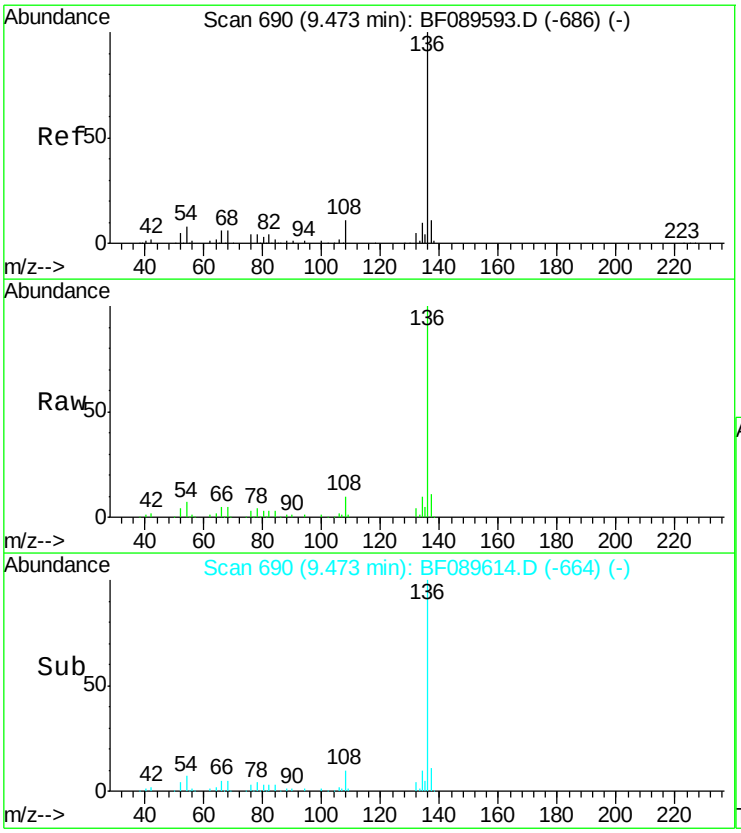
#19
n-Nitroso-di-n-propylamine
Concen: 14.91 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.18 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

Tgt Ion: 70 Resp: 38241

Ion	Ratio	Lower	Upper
70	100		
42	43.7	40.2	60.2
101	0.0	7.8	11.6#
130	1.8	16.4	24.6#

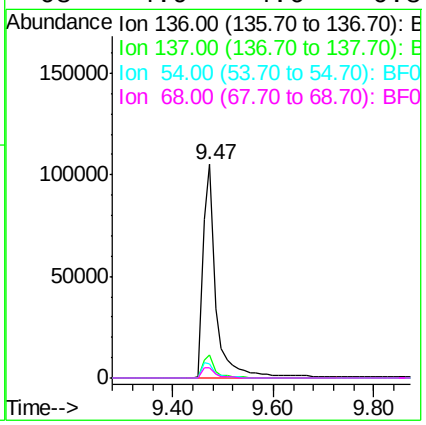


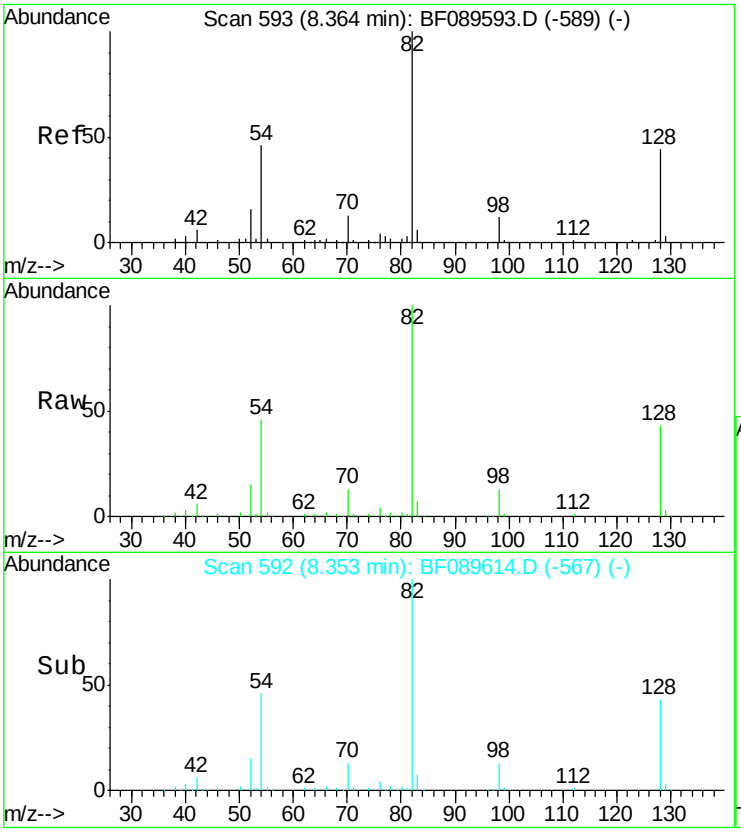


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Tgt Ion:136 Resp: 189777

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.6	6.0	9.0
68	4.9	4.6	6.8



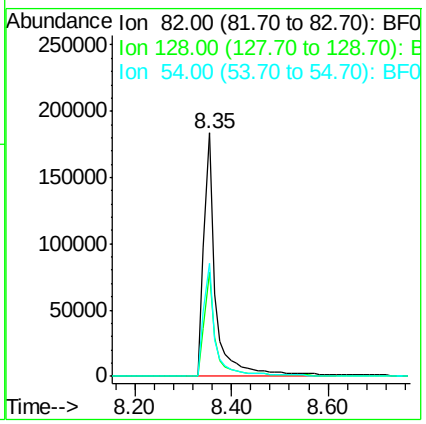


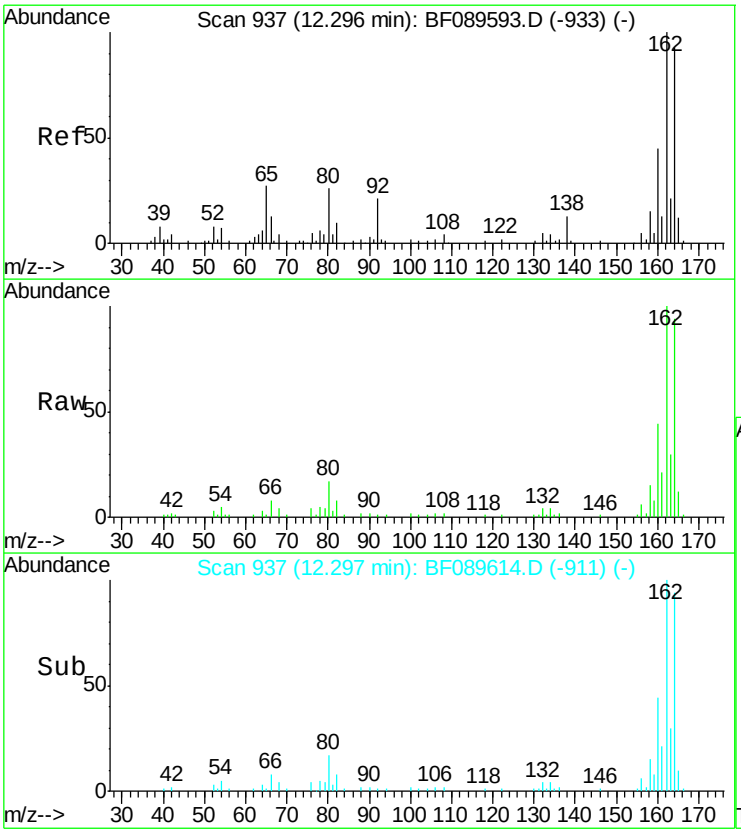
#23
Nitrobenzene-d5
Concen: 92.69 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

Tgt Ion: 82 Resp: 318026

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.4	53.0
54	46.4	36.4	54.6

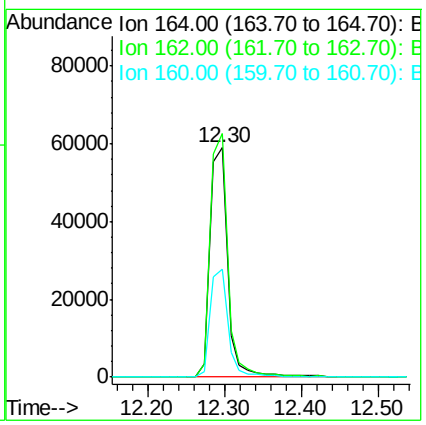


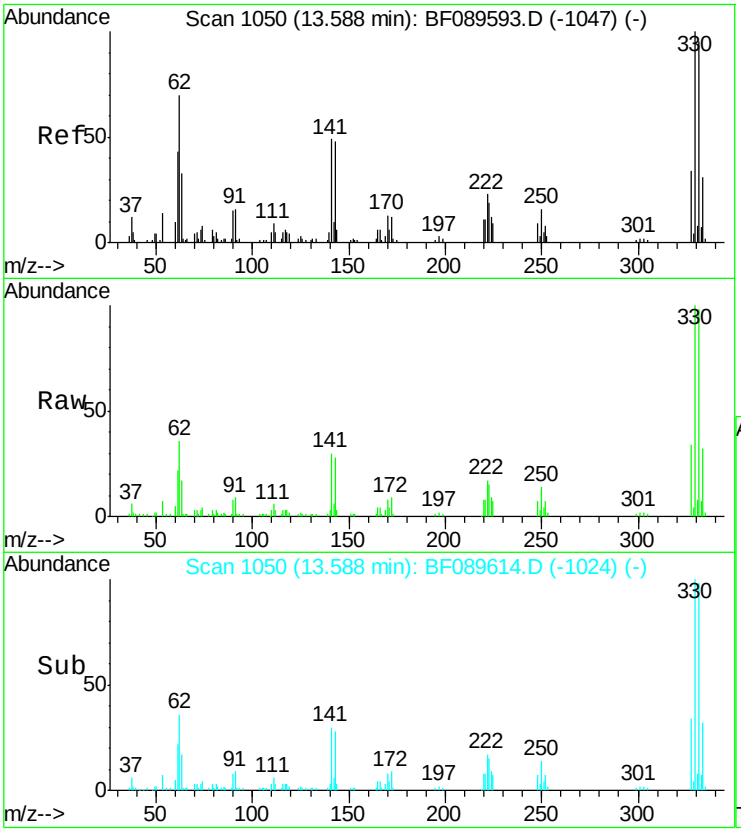


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Tgt Ion:164 Resp: 94372

Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.7	128.5
160	47.2	38.2	57.4



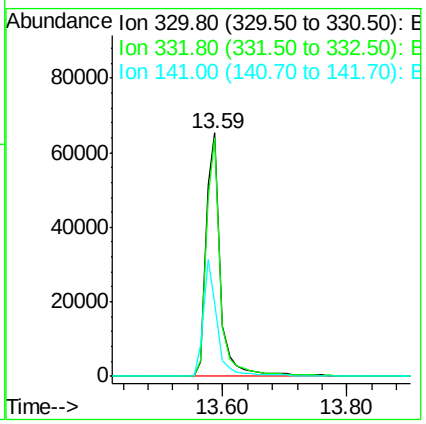


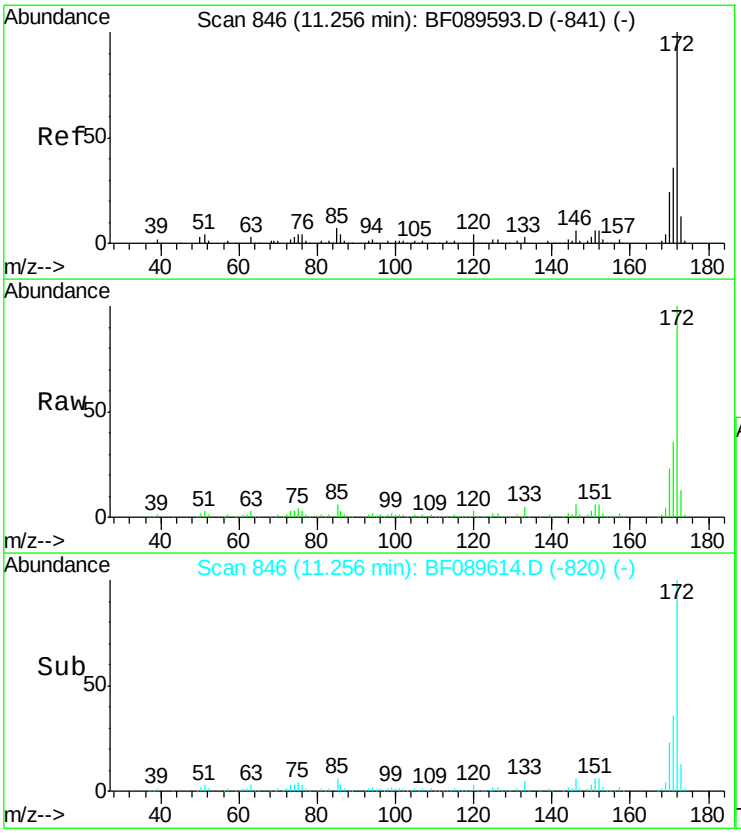
#41
2,4,6-Tribromophenol
Concen: 133.67 ng
RT: 13.59 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

Tgt Ion:330 Resp: 104098

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	46.7	38.6	57.8

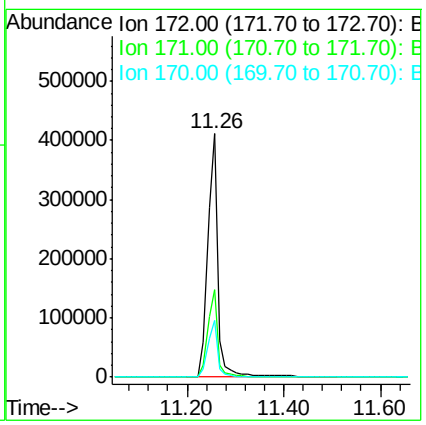


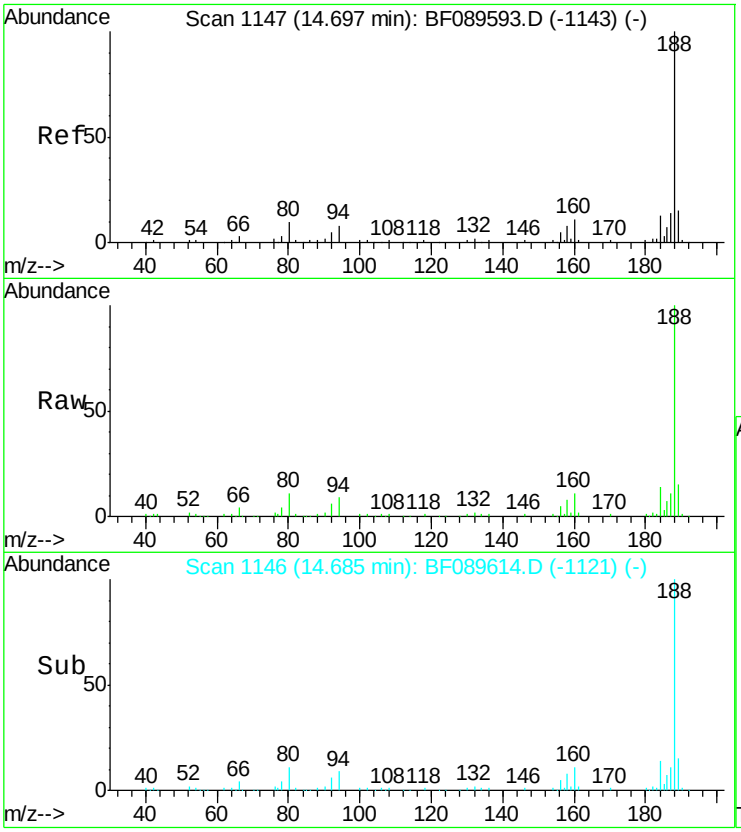


#44
2-Fluorobiphenyl
Concen: 84.53 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Tgt Ion:172 Resp: 613812

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.5	19.0	28.6



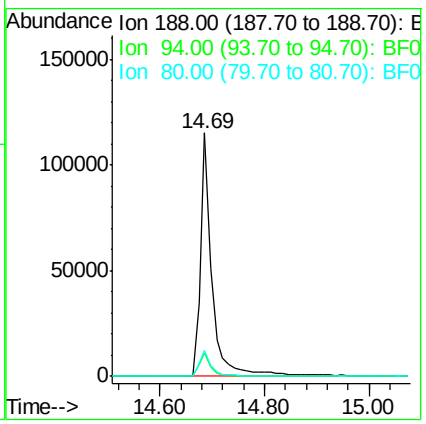


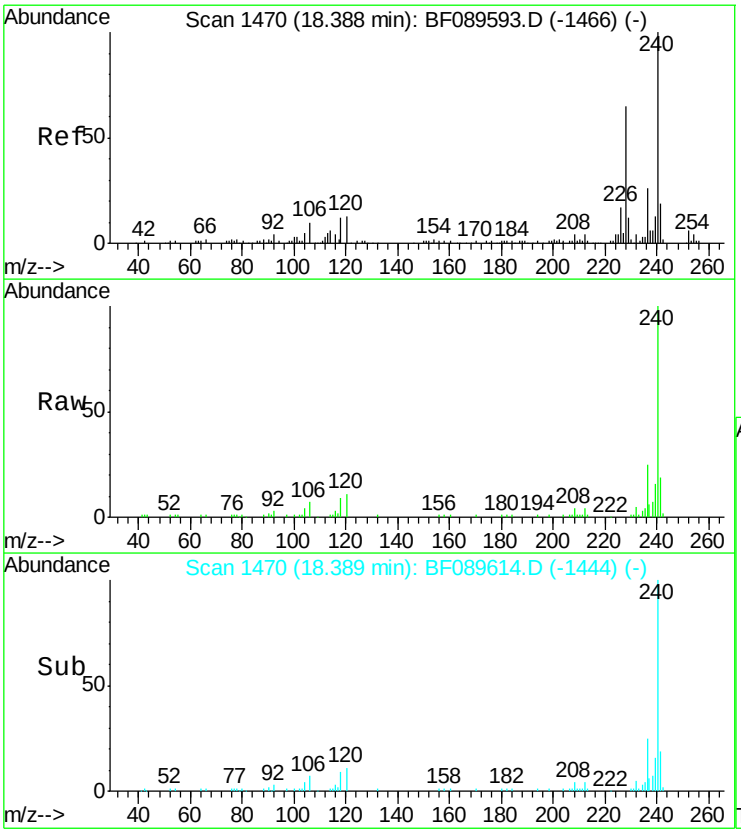
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

Tgt Ion:188 Resp: 177311

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.5	9.7
80	10.7	8.0	12.0

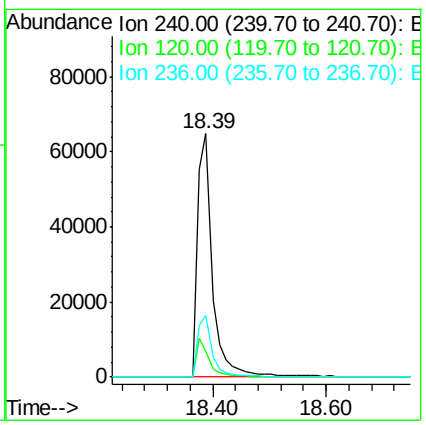


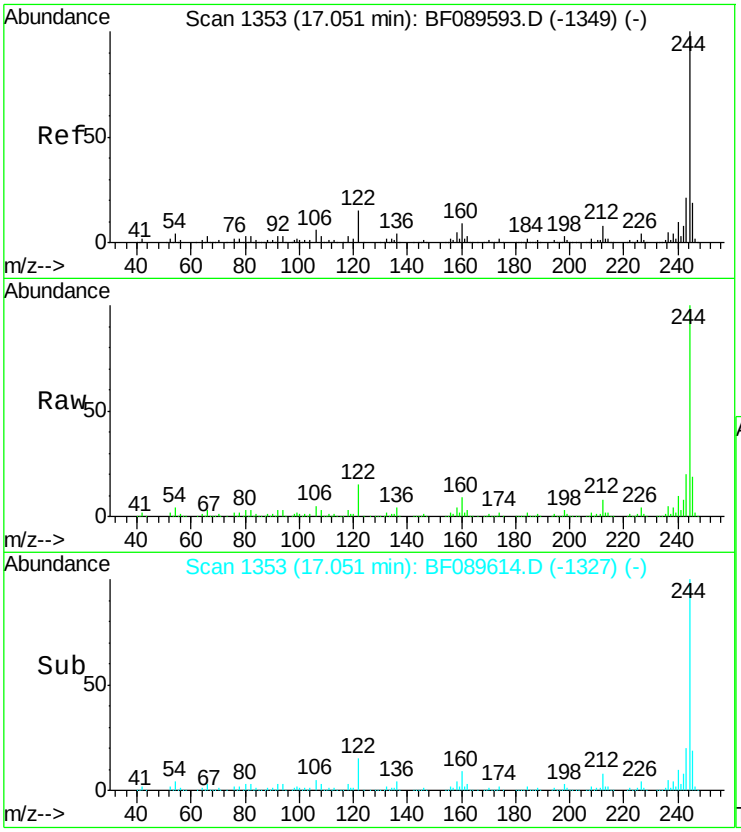


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Tgt Ion:240 Resp: 114784

Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.6	15.8#
236	25.5	20.6	30.8



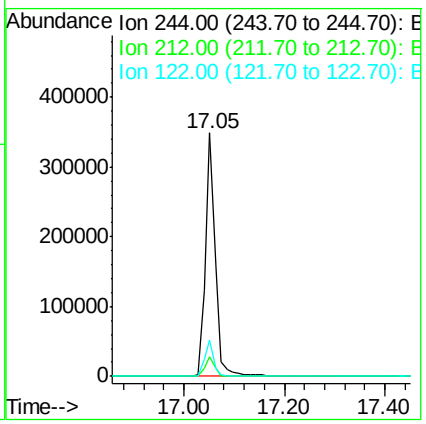


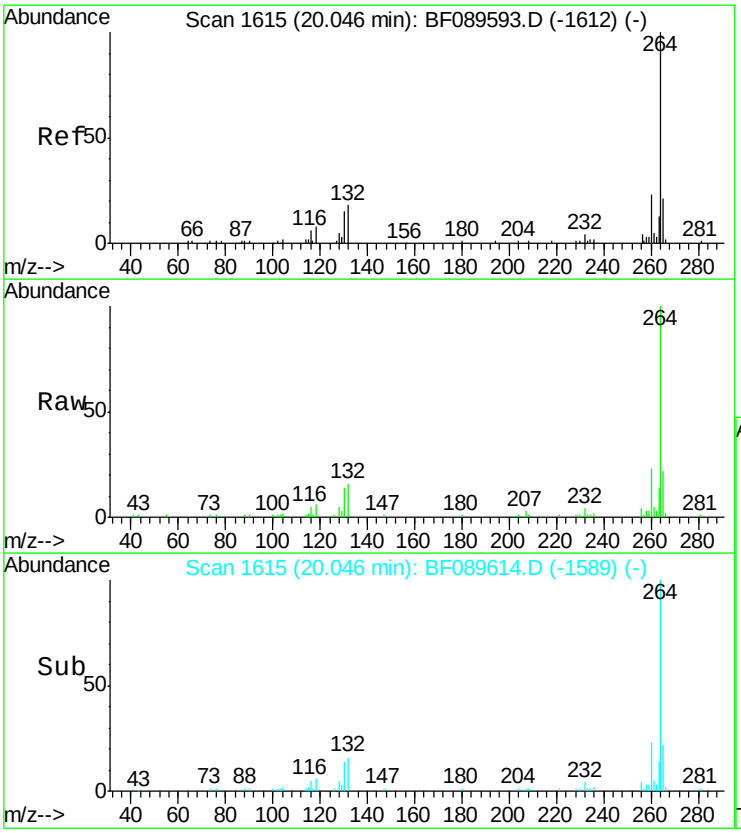
#78
Terphenyl-d14
Concen: 81.78 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0

Tgt Ion:244 Resp: 475530

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	14.8	12.2	18.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089614.D
Acq: 5 Aug 2016 5:49

Tgt Ion:264 Resp: 83221

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	22.0	16.5	24.7