Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089648.D
Acq On : 6 Aug 2016 3:36
Operator : UM/SJ
Sample : H4352-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-GAC-VP

Quant Time: Aug 06 04:24:27 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	42545	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	167738	20.00	ng	0.00
38) Acenaphthene-d10	12.29	164	69613	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	108873	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	84579	20.00	ng	0.00
86) Perylene-d12	20.05	264	71842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	372338	146.68	ng	0.04
7) Phenol-d6	6.98	99	449974	130.67	ng	0.00
23) Nitrobenzene-d5	8.35	82	330157	108.87	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	82387	143.41	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	600036	112.02	ng	0.00
78) Terphenyl-d14	17.05	244	358858	83.76	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.68	79	5492	2.43	ng	# 47
19) n-Nitroso-di-n-propylamine	8.35	70	41117	16.53	ng	# 81

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

Quantitation Report (Not Reviewed)

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Acq On : 6 Aug 2016 3:36
Operator : UM/SJ
Sample : H4352-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VP

Quant Time: Aug 06 04:24:27 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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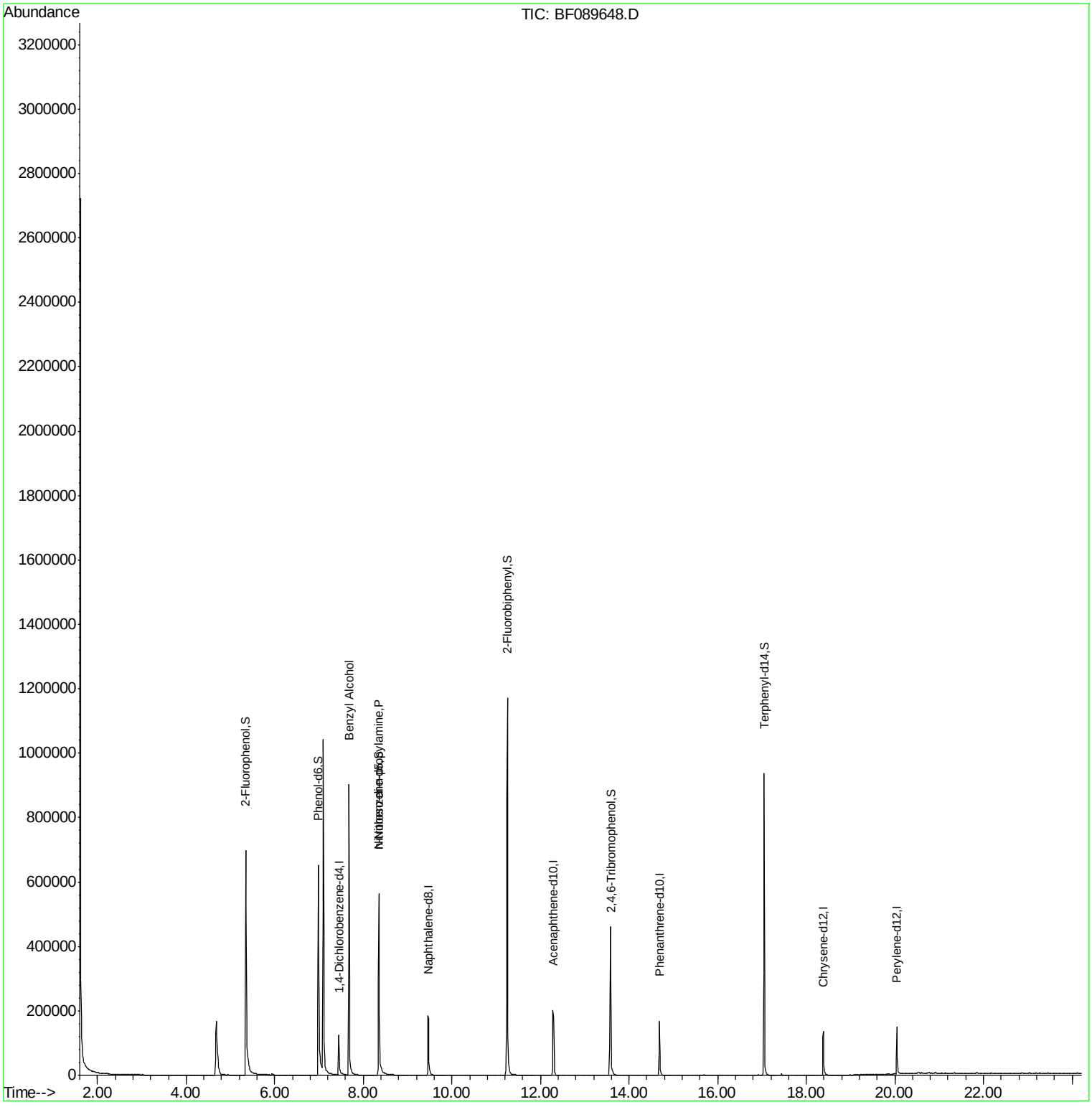
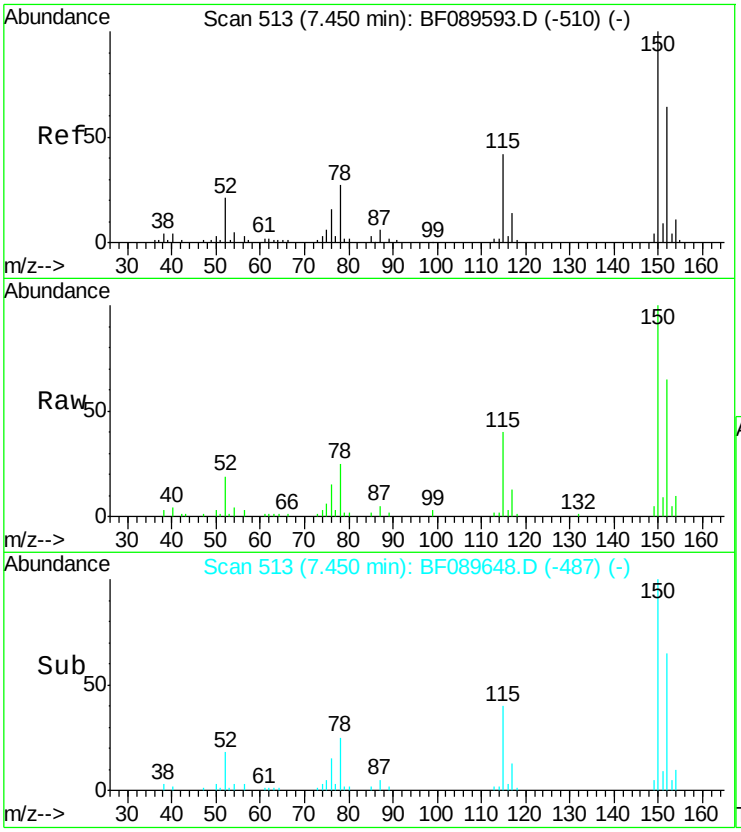


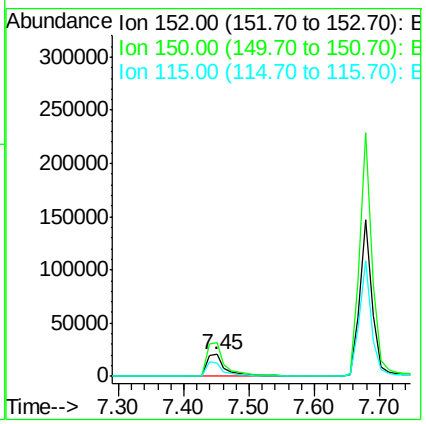


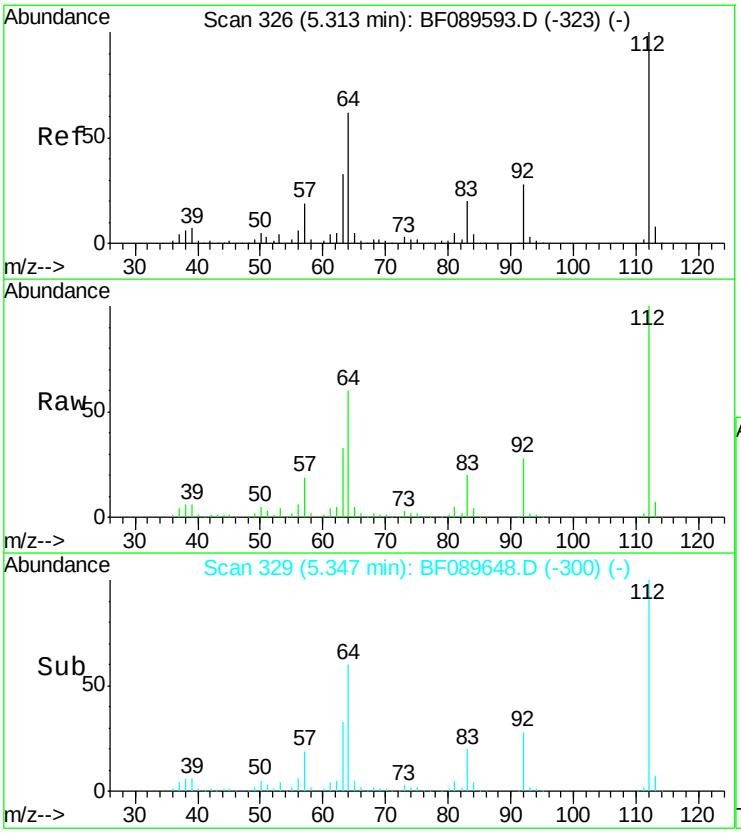
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VP

Tgt Ion:152 Resp: 42545

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.5	188.3
115	62.3	52.0	78.0

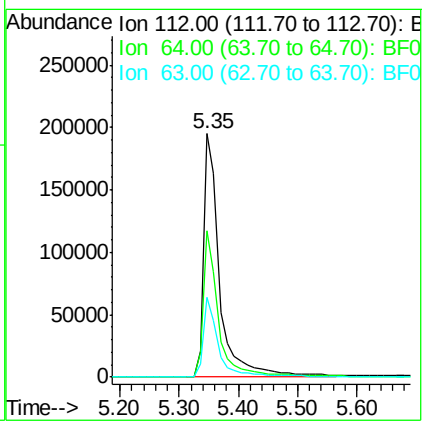


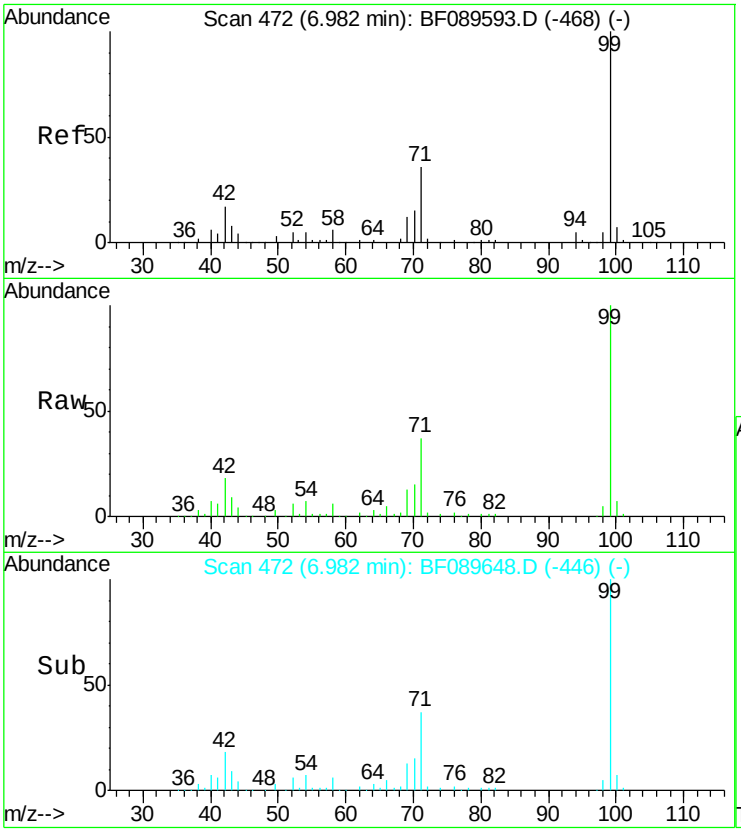


#5
2-Fluorophenol
Concen: 146.68 ng
RT: 5.35 min Scan# 329
Delta R.T. 0.04 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Tgt Ion:112 Resp: 372338

Ion	Ratio	Lower	Upper
112	100		
64	60.2	49.9	74.9
63	32.9	26.1	39.1



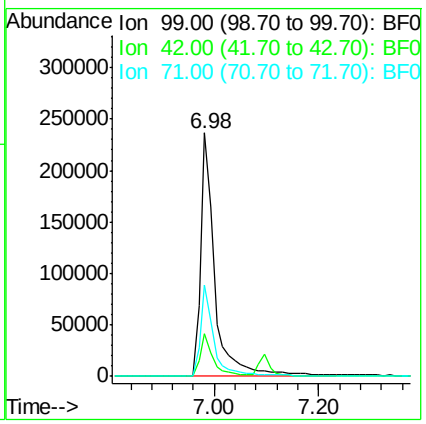


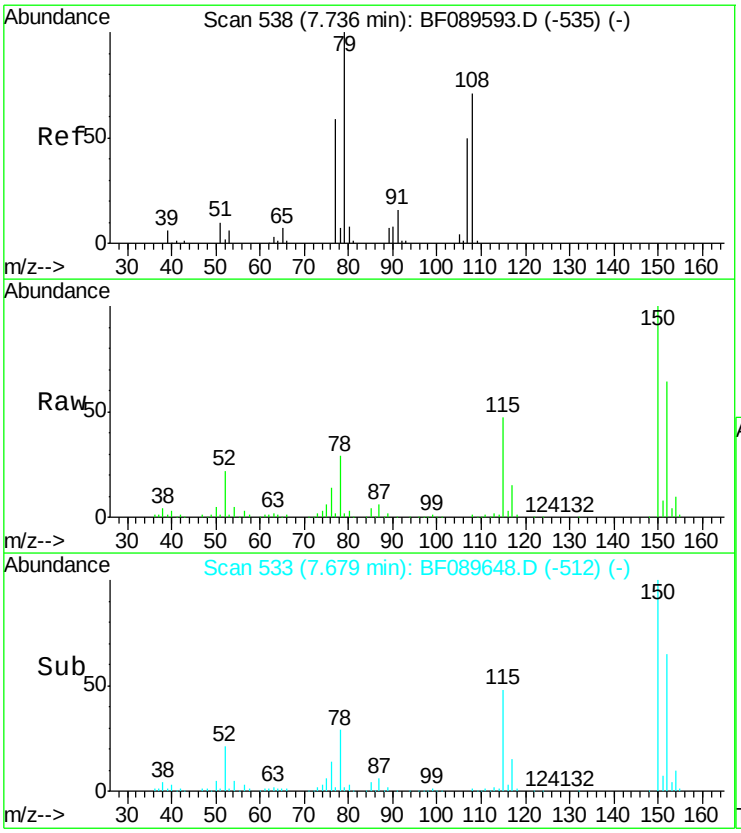
#7
Phenol-d6
Concen: 130.67 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VP

Tgt Ion: 99 Resp: 449974

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	37.5	29.0	43.4

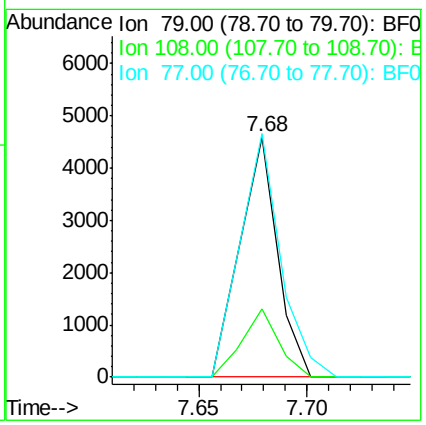


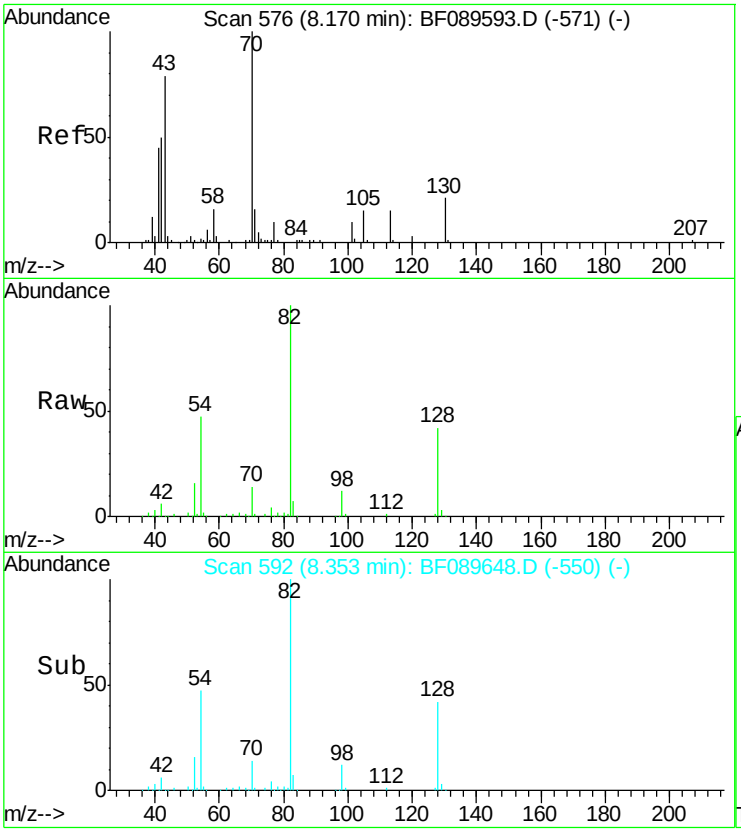


#15
Benzyl Alcohol
Concen: 2.43 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.06 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Tgt Ion: 79 Resp: 5492

Ion	Ratio	Lower	Upper
79	100		
108	28.6	58.3	87.5#
77	101.4	48.7	73.1#



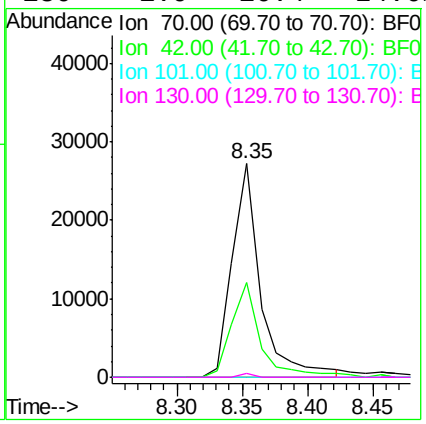


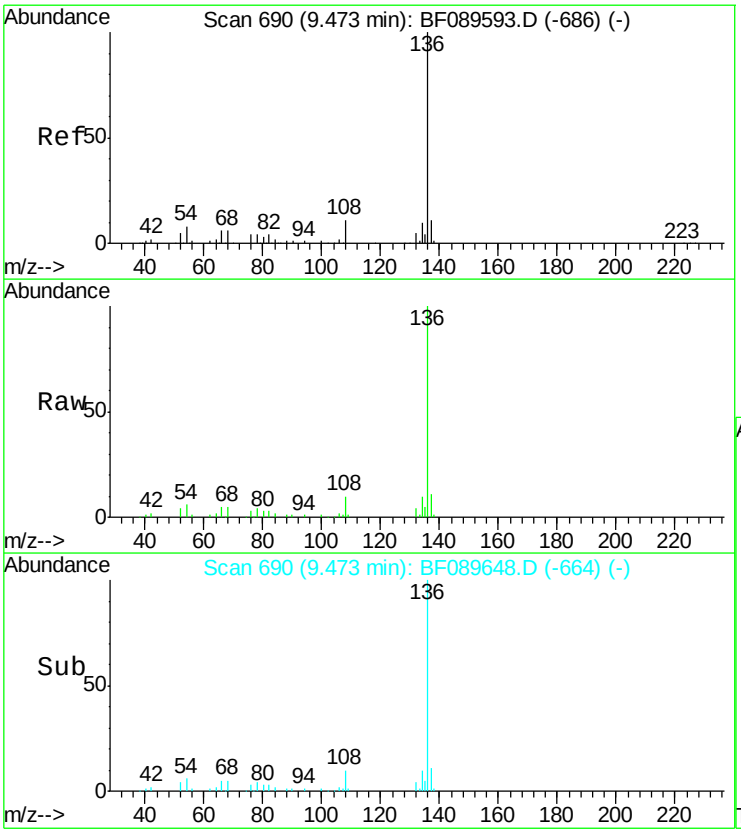
#19
n-Nitroso-di-n-propylamine
Concen: 16.53 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.18 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VP

Tgt Ion: 70 Resp: 41117

Ion	Ratio	Lower	Upper
70	100		
42	44.1	40.2	60.2
101	0.0	7.8	11.6#
130	1.9	16.4	24.6#

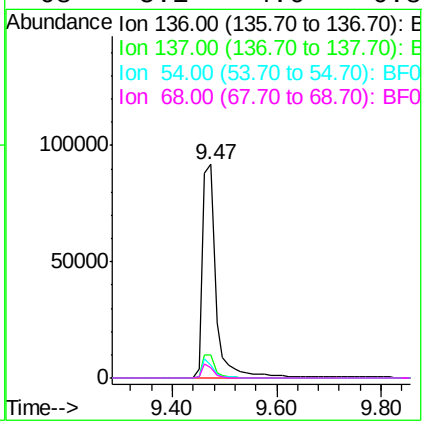


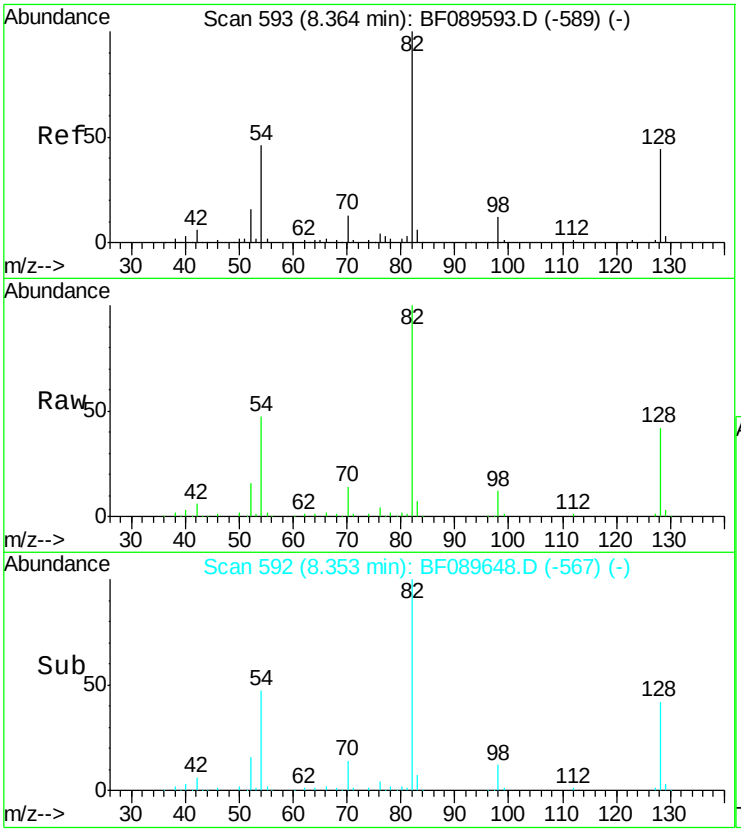


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Tgt Ion:136 Resp: 167738

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.2	6.0	9.0
68	5.1	4.6	6.8



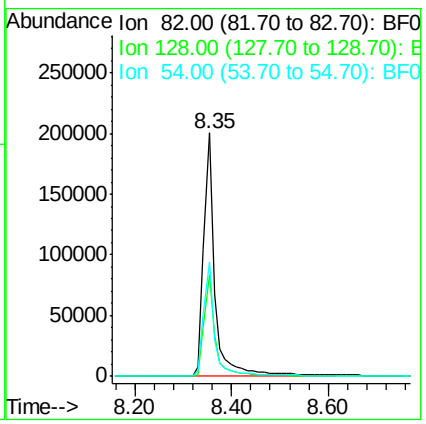


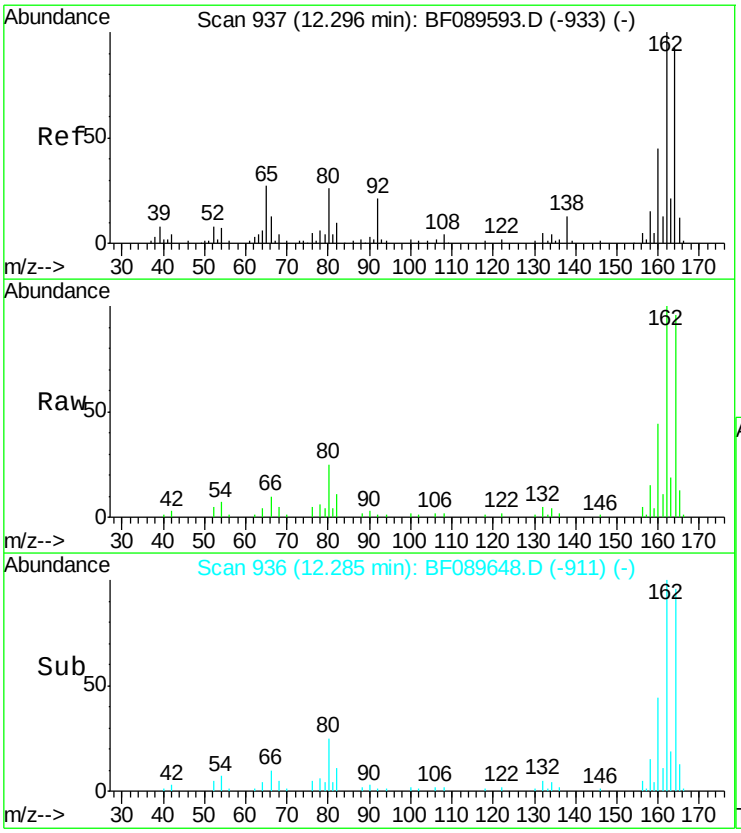
#23
Nitrobenzene-d5
Concen: 108.87 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VP

Tgt Ion: 82 Resp: 330157

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.4	53.0
54	47.1	36.4	54.6

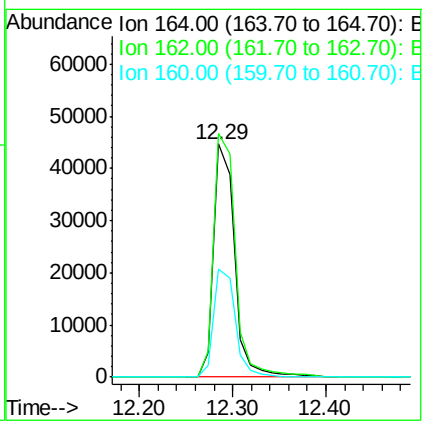


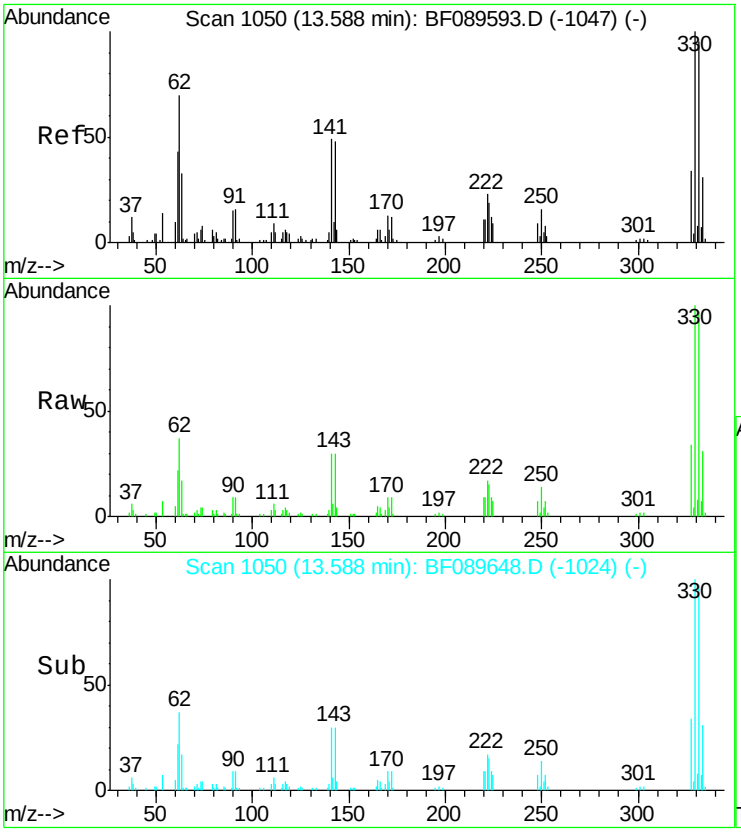


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Tgt Ion:164 Resp: 69613

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.7	128.5
160	46.0	38.2	57.4



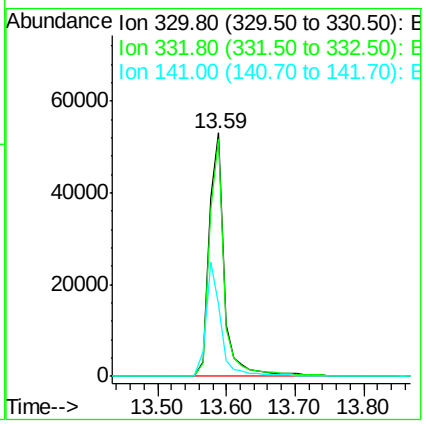


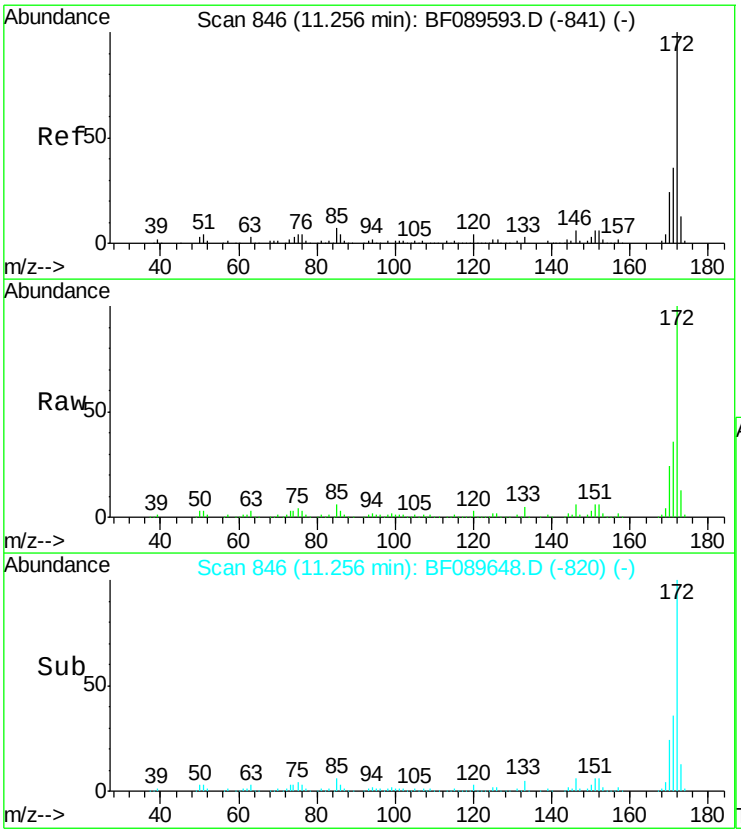
#41
2,4,6-Tribromophenol
Concen: 143.41 ng
RT: 13.59 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VP

Tgt Ion:330 Resp: 82387

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	45.7	38.6	57.8

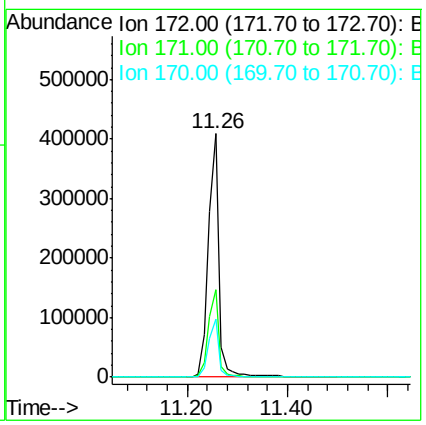


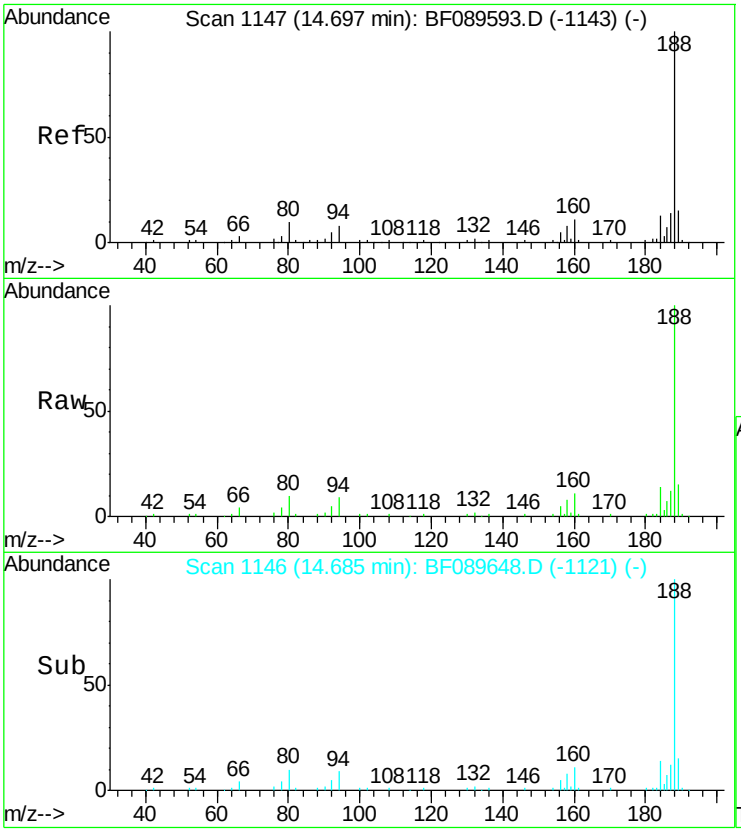


#44
2-Fluorobiphenyl
Concen: 112.02 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Tgt Ion:172 Resp: 600036

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.7	19.0	28.6



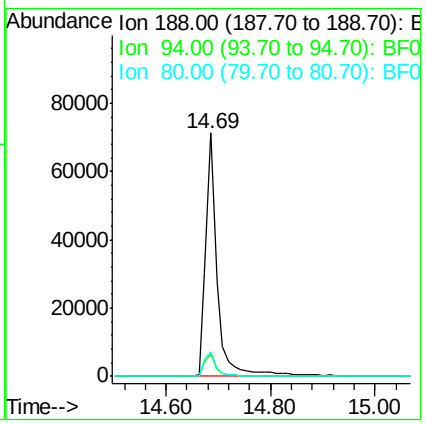


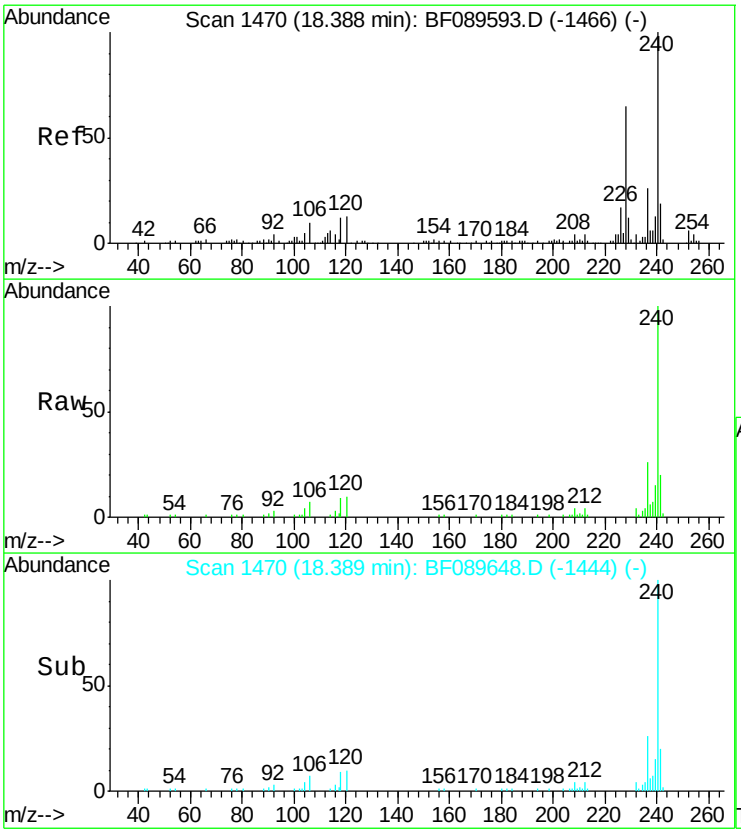
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VP

Tgt Ion:188 Resp: 108873

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.5	9.7
80	10.3	8.0	12.0

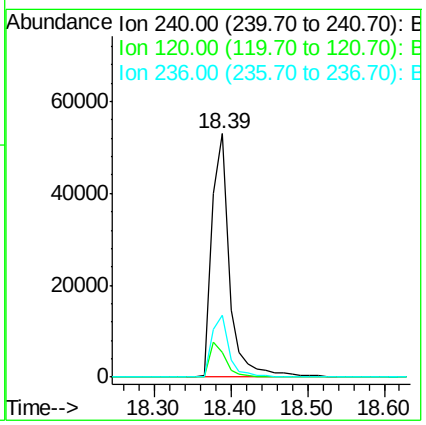


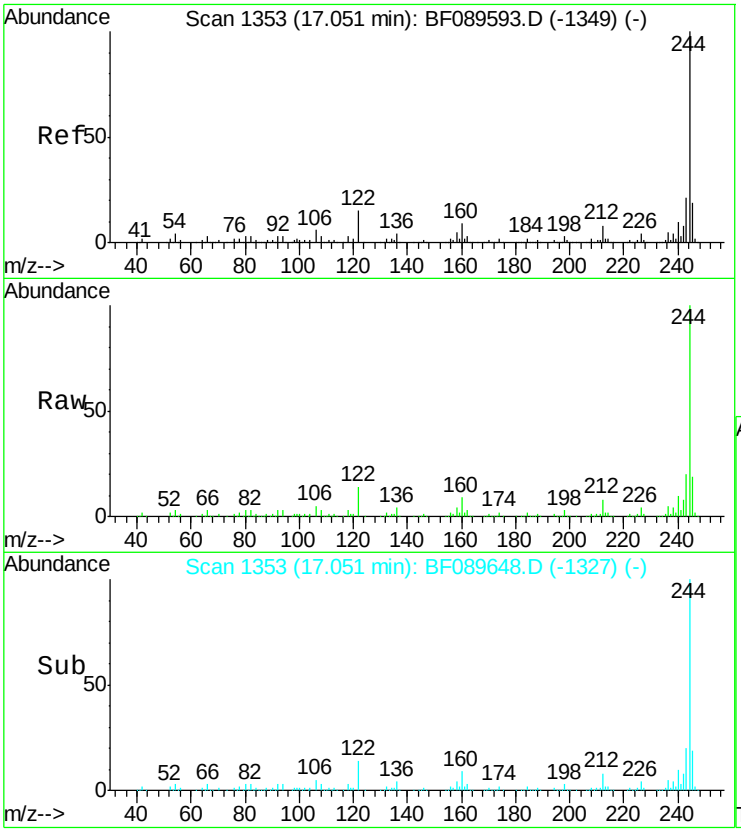


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Tgt Ion:240 Resp: 84579

Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.6	15.8#
236	25.6	20.6	30.8



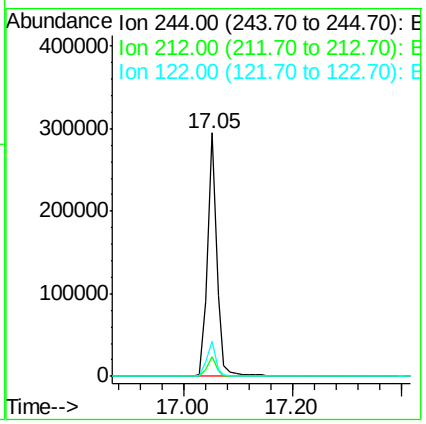


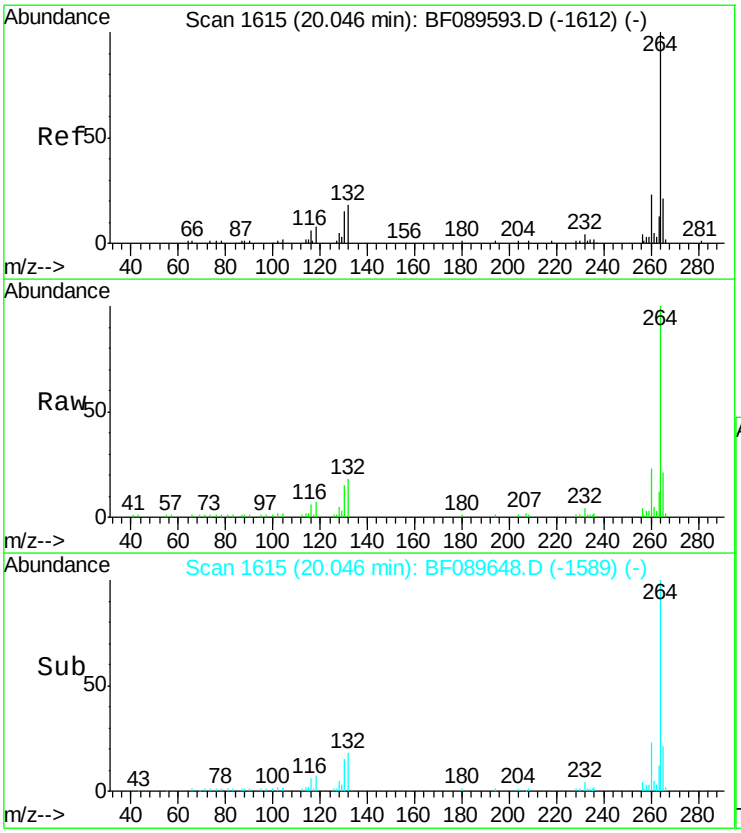
#78
Terphenyl-d14
Concen: 83.76 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VP

Tgt Ion:244 Resp: 358858

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	14.3	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: BF089648.D
Acq: 6 Aug 2016 3:36

Tgt Ion:264 Resp: 71842

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.2	16.5	24.7