Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
Data File : BF087599.D
Acq On : 1 Jun 2016 1:26
Operator : UM/SJ
Sample : H3346-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605B

Quant Time: Jun 01 03:10:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	102188	20.00	ng	-0.07
21) Naphthalene-d8	9.48	136	429452	20.00	ng	-0.07
38) Acenaphthene-d10	12.30	164	196301	20.00	ng	-0.09
63) Phenanthrene-d10	14.72	188	424860	20.00	ng	-0.06
75) Chrysene-d12	18.43	240	335493	20.00	ng	-0.05
86) Perylene-d12	20.14	264	90726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	835638	143.69	ng	-0.06
7) Phenol-d6	7.00	99	981798	124.94	ng	-0.07
23) Nitrobenzene-d5	8.36	82	810961	95.17	ng	-0.08
41) 2,4,6-Tribromophenol	13.60	330	323966	171.74	ng	-0.08
44) 2-Fluorobiphenyl	11.25	172	1372293	98.55	ng	-0.09
78) Terphenyl-d14	17.06	244	1447056	91.70	ng	-0.07
Target Compounds						Qvalue
15) Benzyl Alcohol	7.67	79	14044	2.45	ng	# 49
19) n-Nitroso-di-n-propylamine	8.36	70	93924	16.03	ng	# 77
31) Naphthalene	9.53	128	126378	5.87	ng	98

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

Quantitation Report (Not Reviewed)

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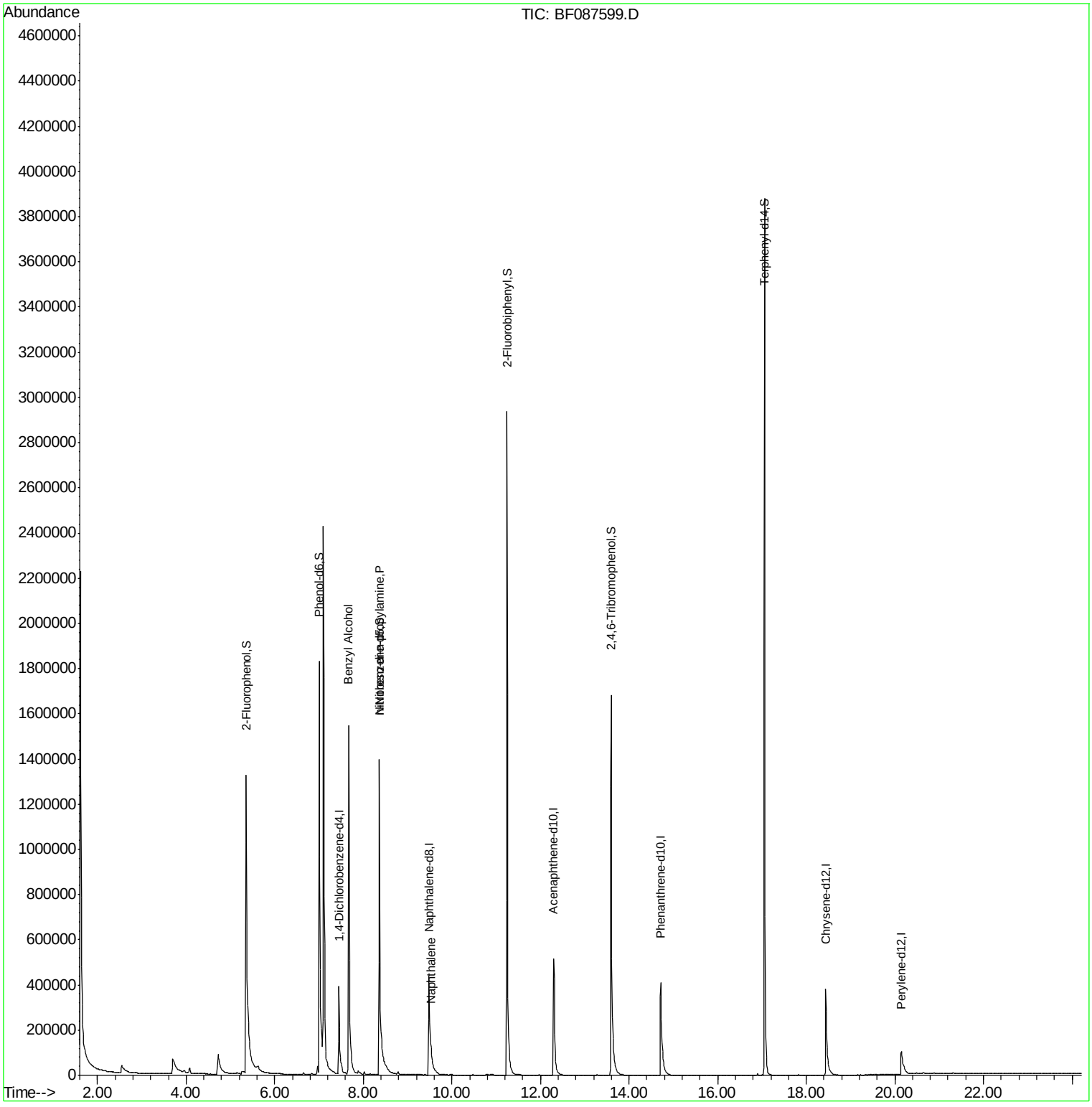
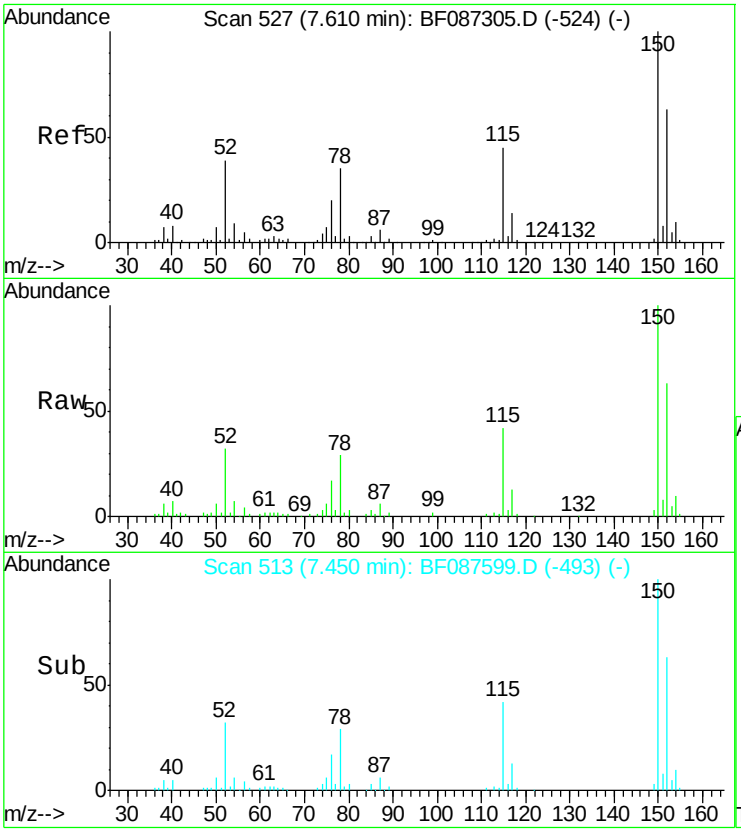


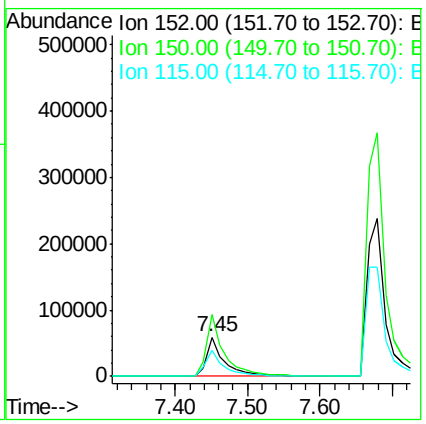


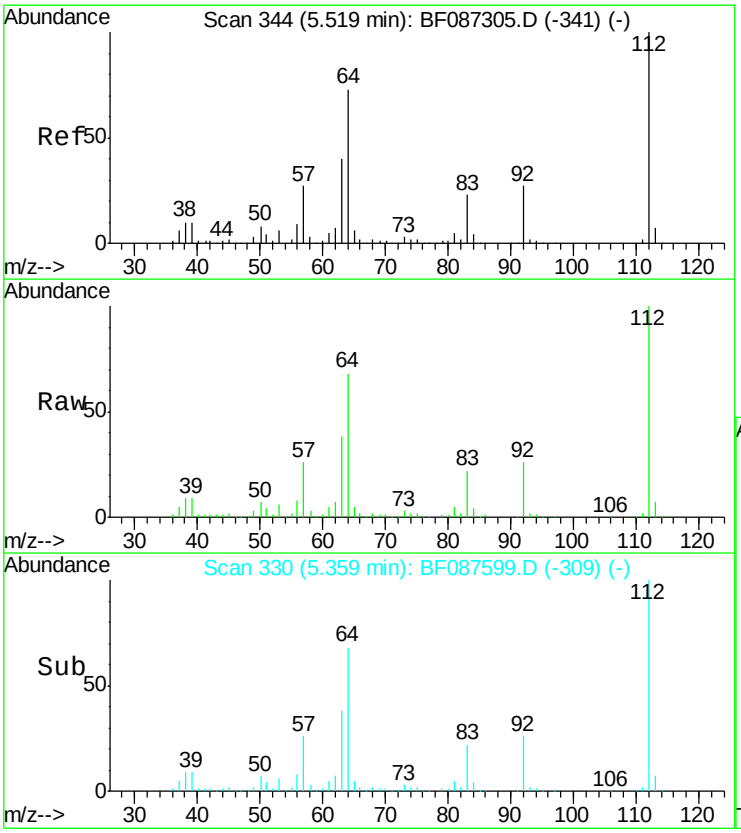
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.07 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Instrument :
BNA_F
ClientSampleId :
WC-201605B

Tgt Ion:152 Resp: 102188

Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.8	188.6
115	66.5	51.5	77.3

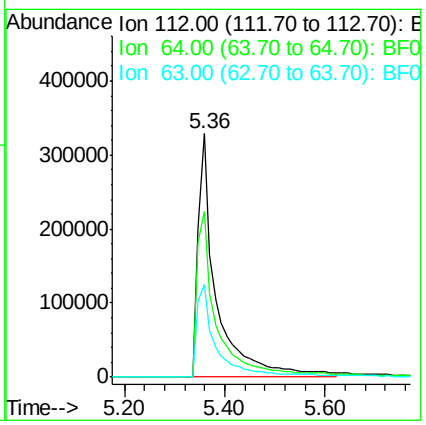


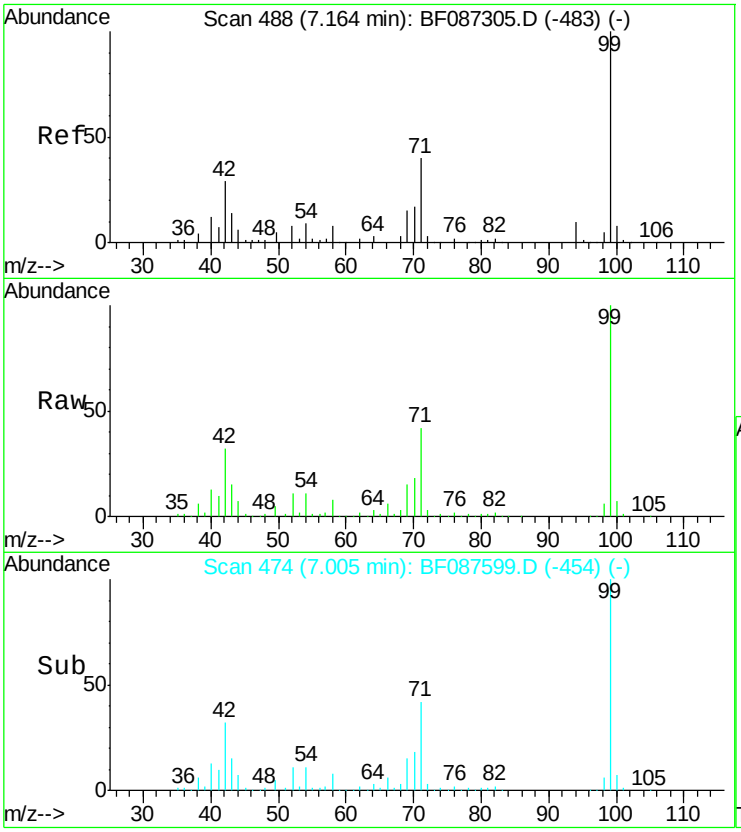


#5
2-Fluorophenol
Concen: 143.69 ng
RT: 5.36 min Scan# 330
Delta R.T. -0.06 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Tgt Ion:112 Resp: 835638

Ion	Ratio	Lower	Upper
112	100		
64	67.8	52.1	78.1
63	38.0	25.7	38.5



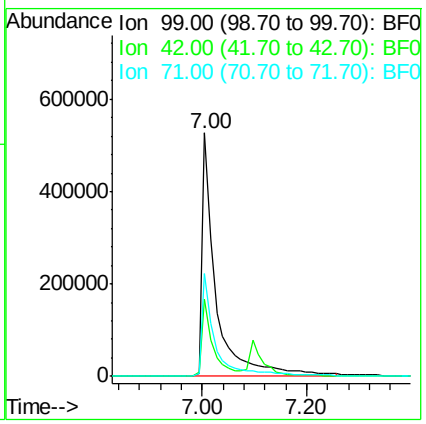


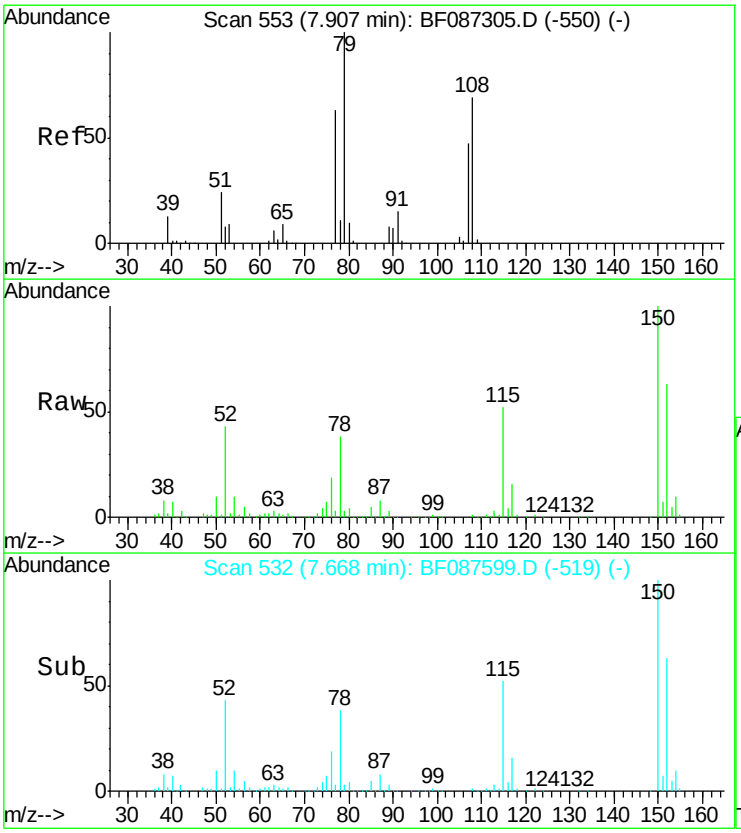
#7
Phenol-d6
Concen: 124.94 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.07 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Instrument :
BNA_F
ClientSampleId :
WC-201605B

Tgt Ion: 99 Resp: 981798

Ion	Ratio	Lower	Upper
99	100		
42	31.6	13.6	20.4#
71	42.1	24.6	36.8#

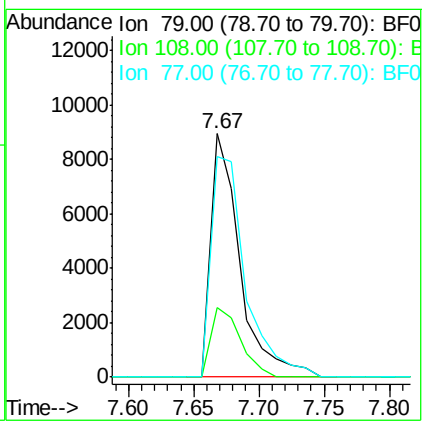


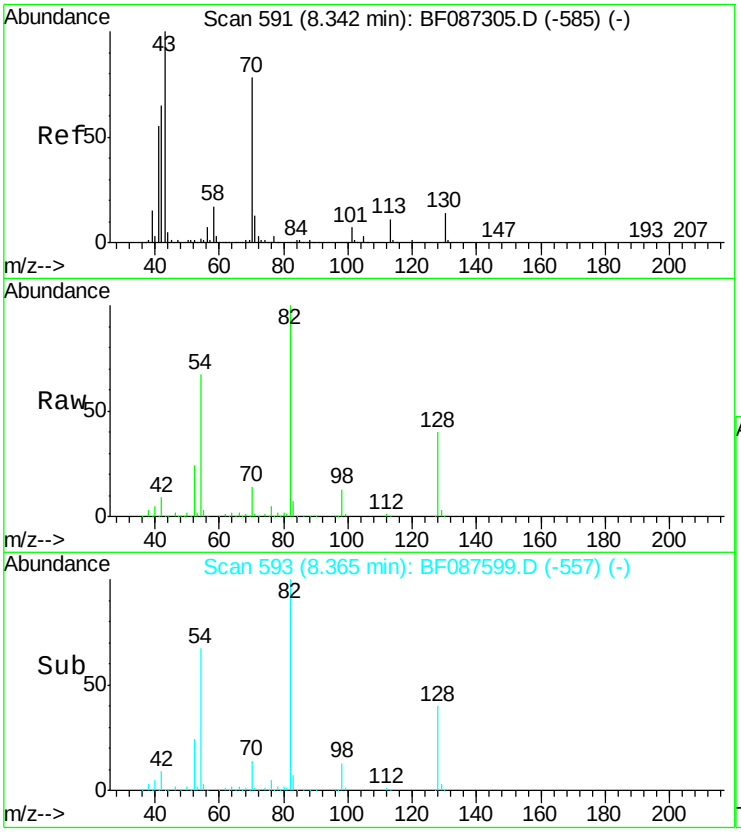


#15
Benzyl Alcohol
Concen: 2.45 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.15 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Tgt Ion: 79 Resp: 14044

Ion	Ratio	Lower	Upper
79	100		
108	28.5	68.4	102.6#
77	90.7	50.6	76.0#



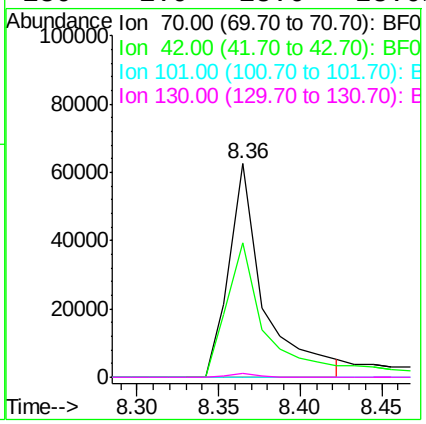


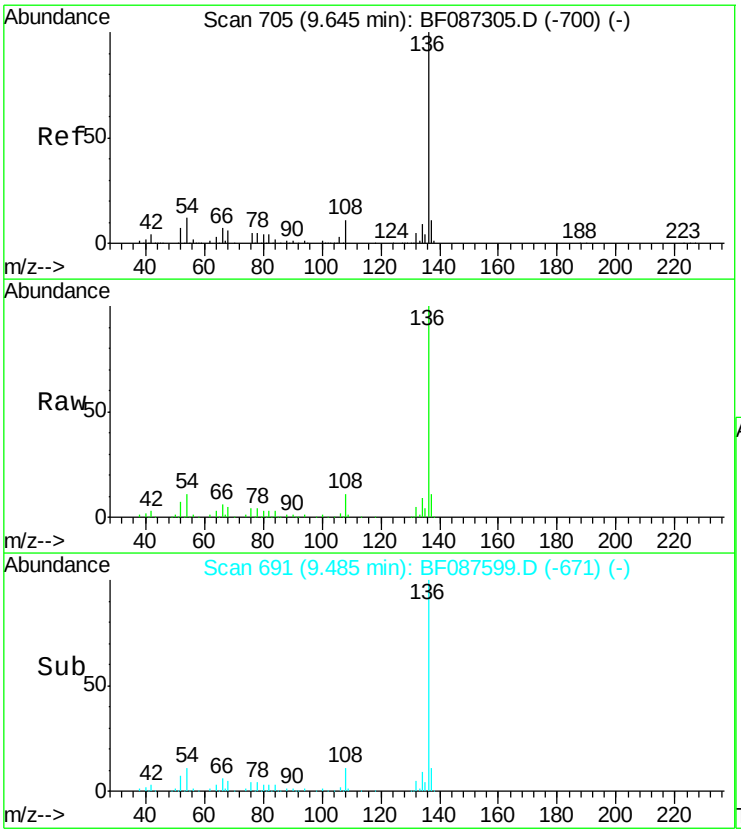
#19
n-Nitroso-di-n-propylamine
Concen: 16.03 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.11 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Instrument :
BNA_F
ClientSampleId :
WC-201605B

Tgt Ion: 70 Resp: 93924

Ion	Ratio	Lower	Upper
70	100		
42	62.8	43.1	64.7
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#

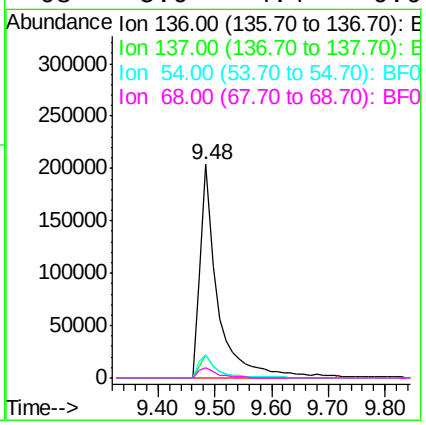


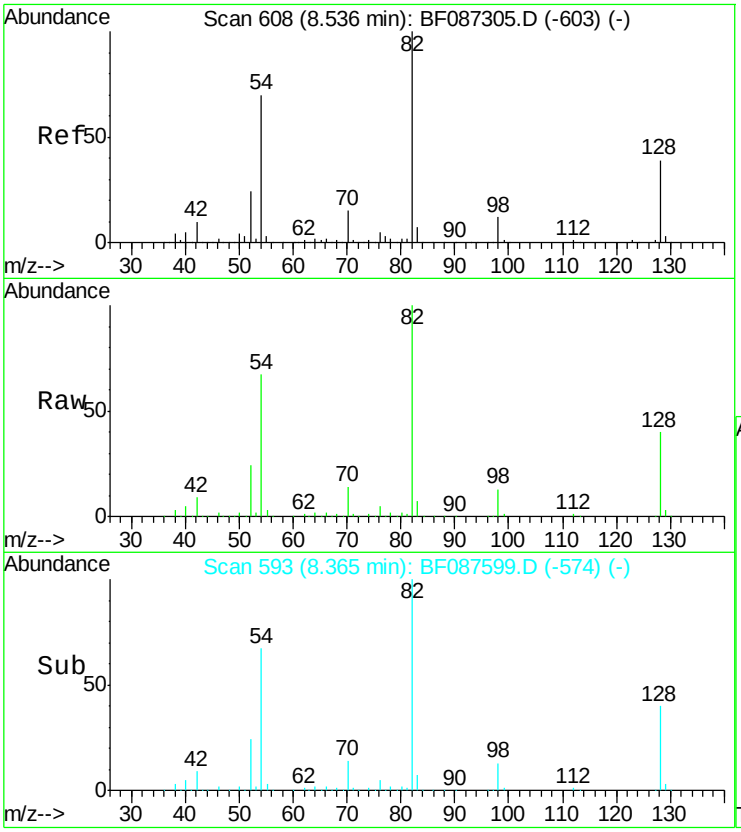


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.07 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Tgt Ion:136 Resp: 429452

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.7	5.0	7.4#
68	5.0	4.4	6.6



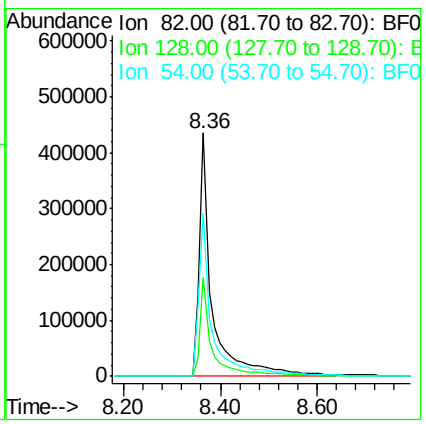


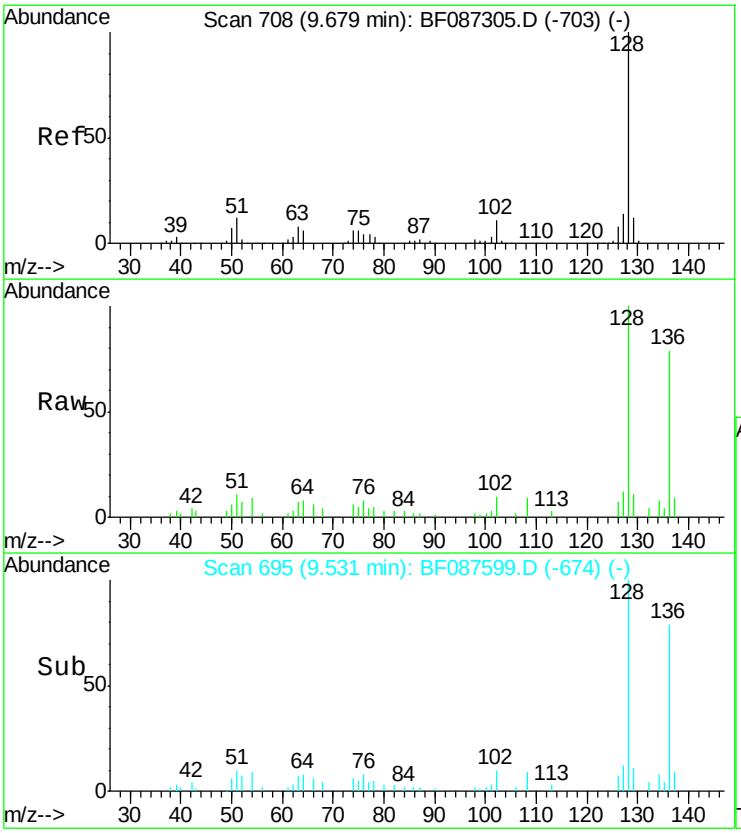
#23
Nitrobenzene-d5
Concen: 95.17 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.08 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Instrument :
BNA_F
ClientSampleId :
WC-201605B

Tgt Ion: 82 Resp: 810961

Ion	Ratio	Lower	Upper
82	100		
128	40.5	40.6	61.0#
54	67.1	38.1	57.1#

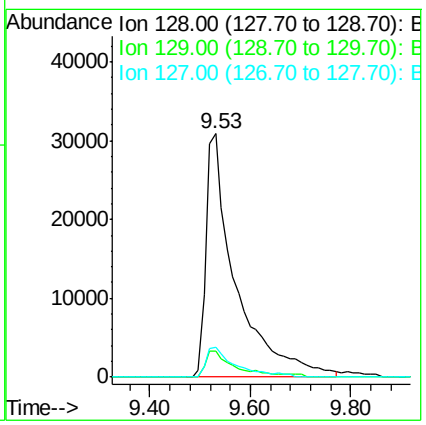


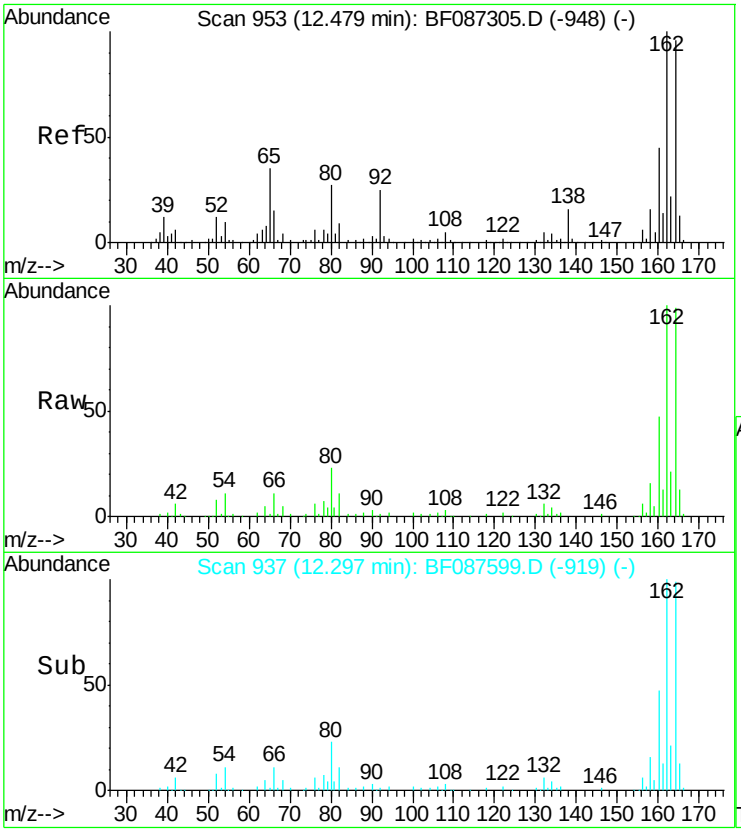


#31
Naphthalene
Concen: 5.87 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.06 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Tgt Ion:128 Resp: 126378

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	12.3	10.8	16.2



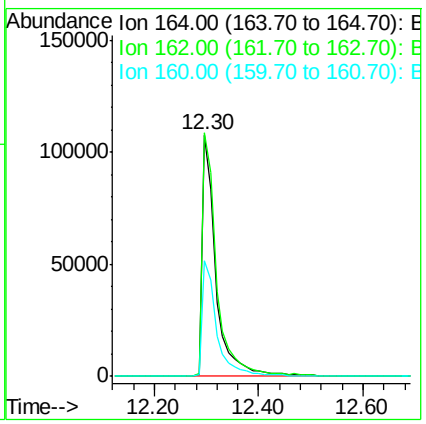


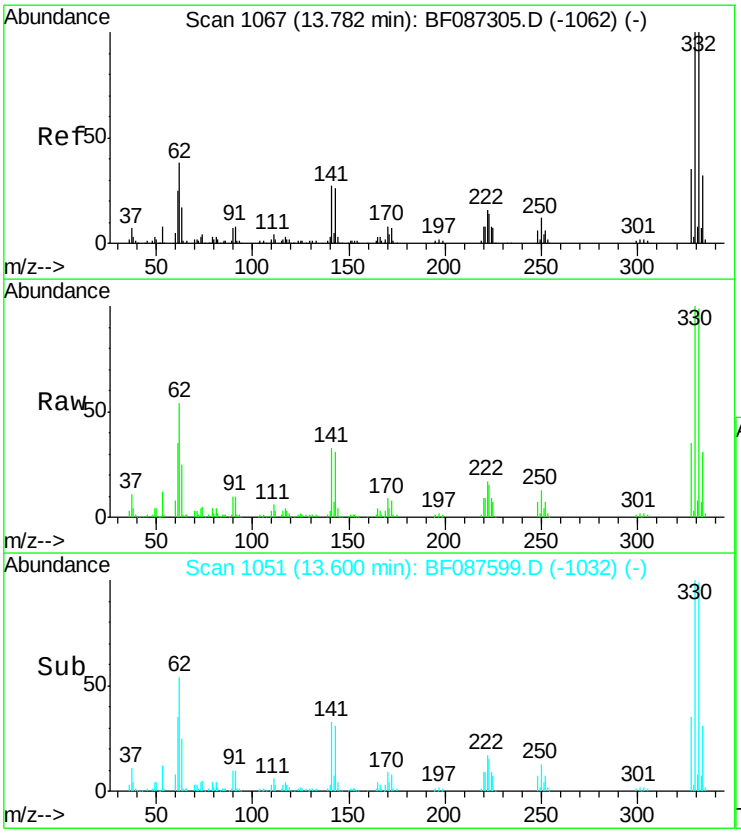
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.09 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Instrument :
BNA_F
ClientSampleId :
WC-201605B

Tgt Ion:164 Resp: 196301

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.8	124.2
160	47.6	36.9	55.3

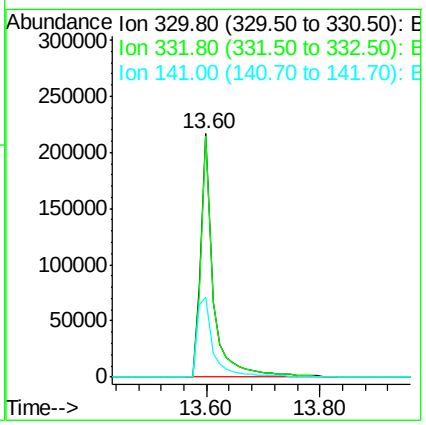


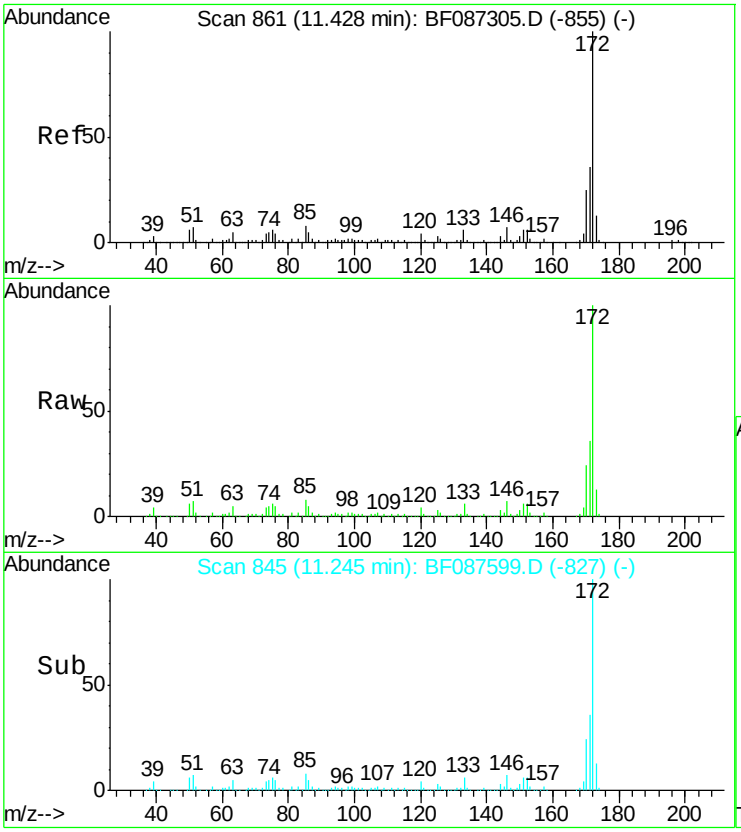


#41
2,4,6-Tribromophenol
Concen: 171.74 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.08 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Tgt Ion:330 Resp: 323966

Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	42.8	31.2	46.8



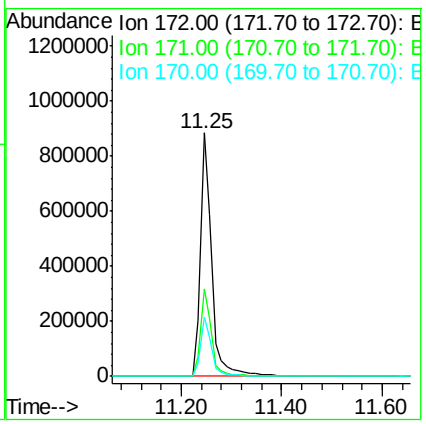


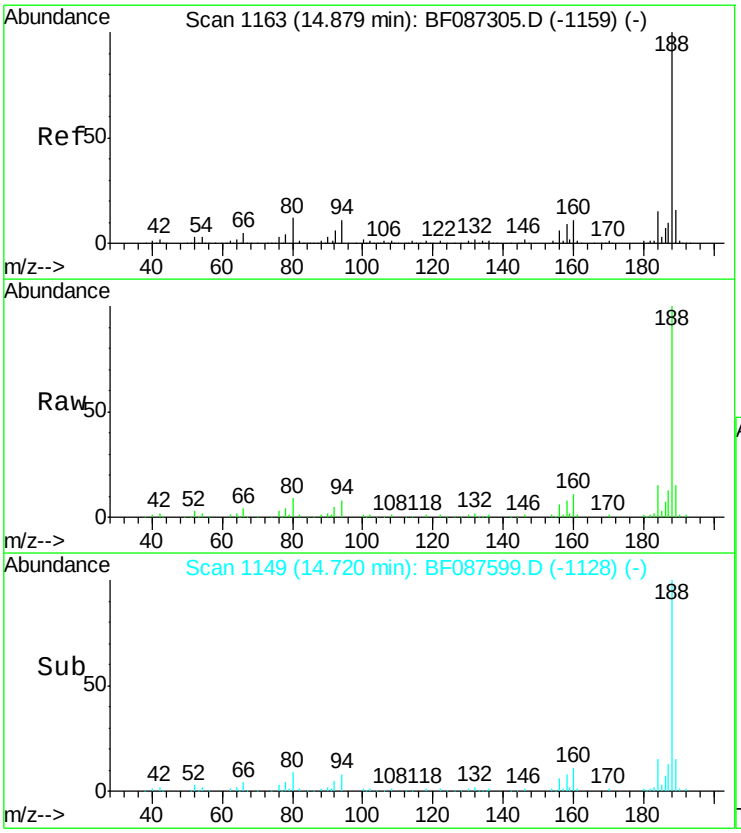
#44
2-Fluorobiphenyl
Concen: 98.55 ng
RT: 11.25 min Scan# 845
Delta R.T. -0.09 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Instrument :
BNA_F
ClientSampleId :
WC-201605B

Tgt Ion:172 Resp: 1372293

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.1	19.8	29.8

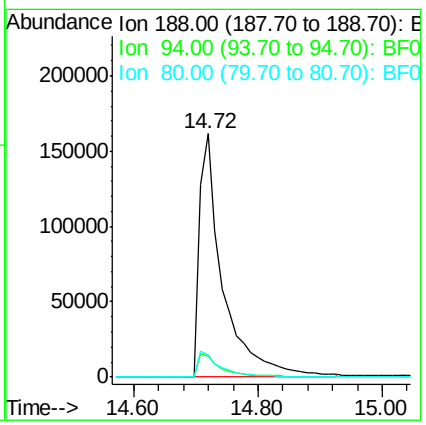


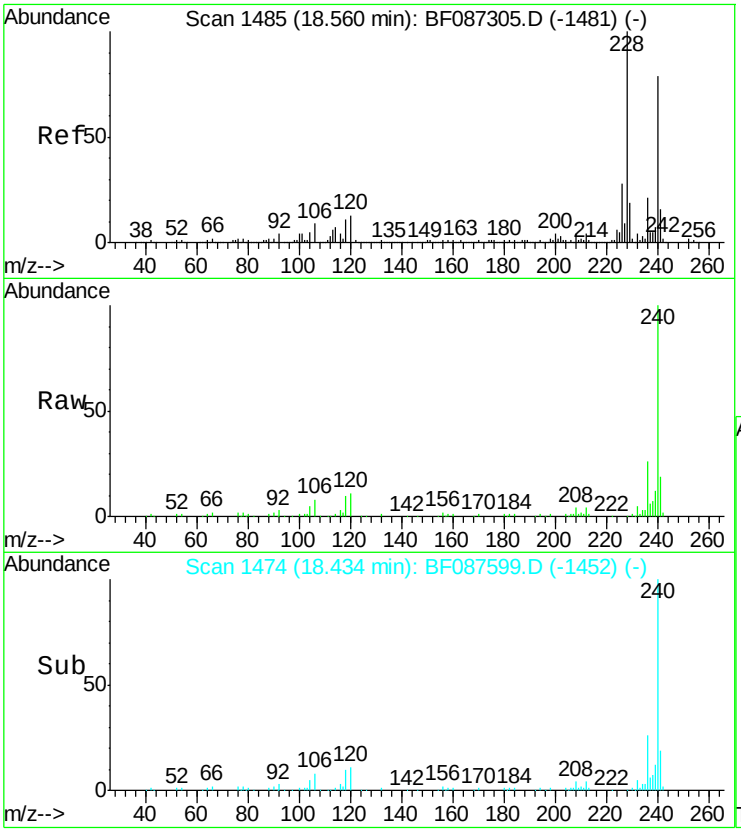


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Tgt Ion:188 Resp: 424860

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.0	7.1	10.7



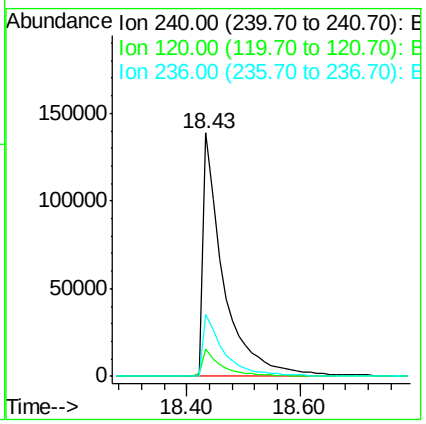


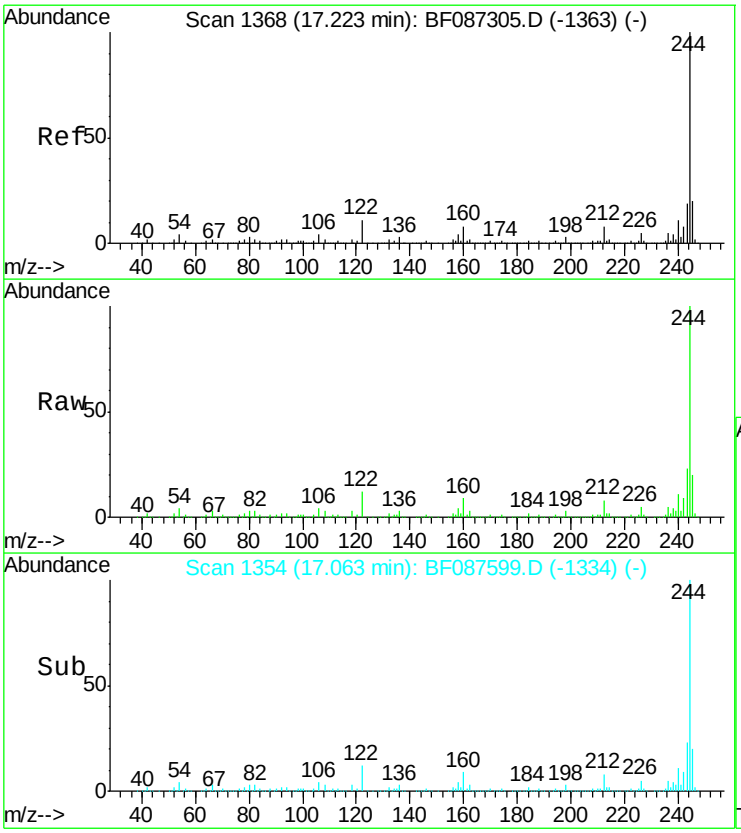
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.05 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Instrument :
BNA_F
ClientSampleId :
WC-201605B

Tgt Ion:240 Resp: 335493

Ion	Ratio	Lower	Upper
240	100		
120	11.1	11.2	16.8#
236	25.6	21.2	31.8

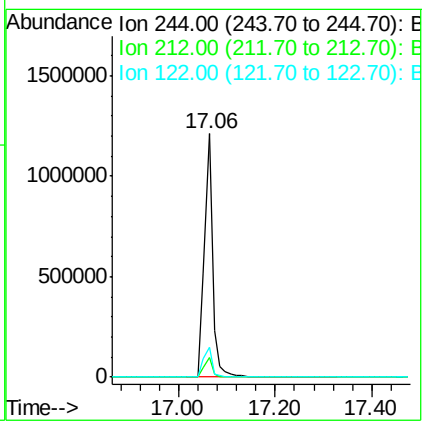


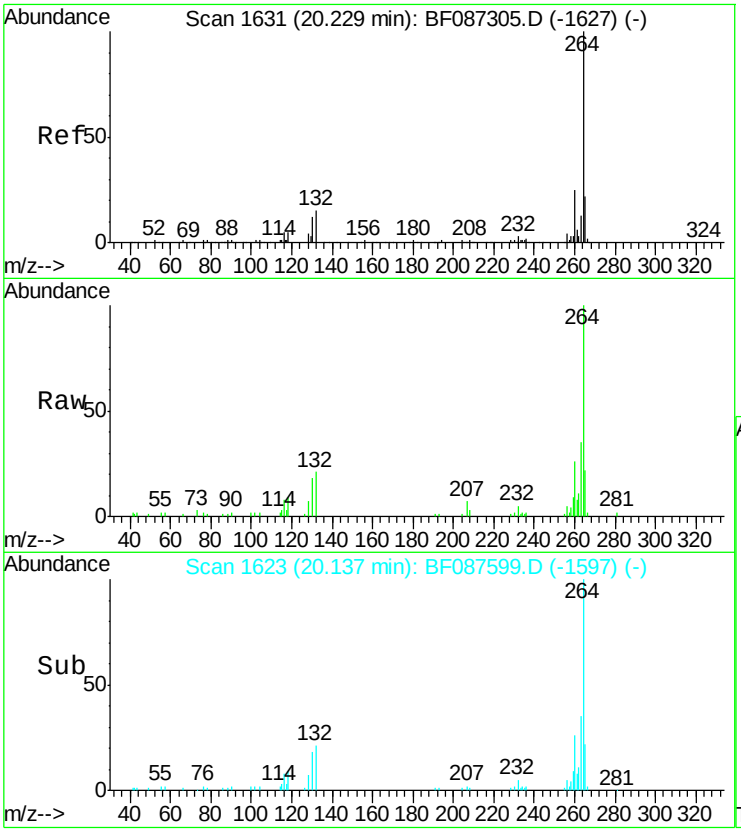


#78
Terphenyl-d14
Concen: 91.70 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.07 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Tgt Ion:244 Resp: 1447056

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.2	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087599.D
Acq: 1 Jun 2016 1:26

Instrument :
BNA_F
ClientSampleId :
WC-201605B

Tgt Ion:264 Resp: 90726

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.5	29.3
265	21.7	17.3	25.9