Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087586.D
Acq On : 31 May 2016 17:53
Operator : UM/SJ
Sample : H3332-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-48-052616

Quant Time: Jun 01 03:19:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 03:17:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	101709	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	420789	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	181741	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	412345	20.00	ng	0.00
75) Chrysene-d12	18.43	240	342443	20.00	ng	0.01
86) Perylene-d12	20.16	264	60661	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	883094	152.57	ng	0.02
7) Phenol-d6	7.00	99	1072090	137.07	ng	-0.01
23) Nitrobenzene-d5	8.35	82	849832	101.79	ng	-0.02
41) 2,4,6-Tribromophenol	13.60	330	331047	189.55	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	1415734	109.82	ng	-0.01
78) Terphenyl-d14	17.06	244	1464897	90.95	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.51	128	268102	12.72	ng	100
37) 2-Methylnaphthalene	10.68	142	31319	2.38	ng	94

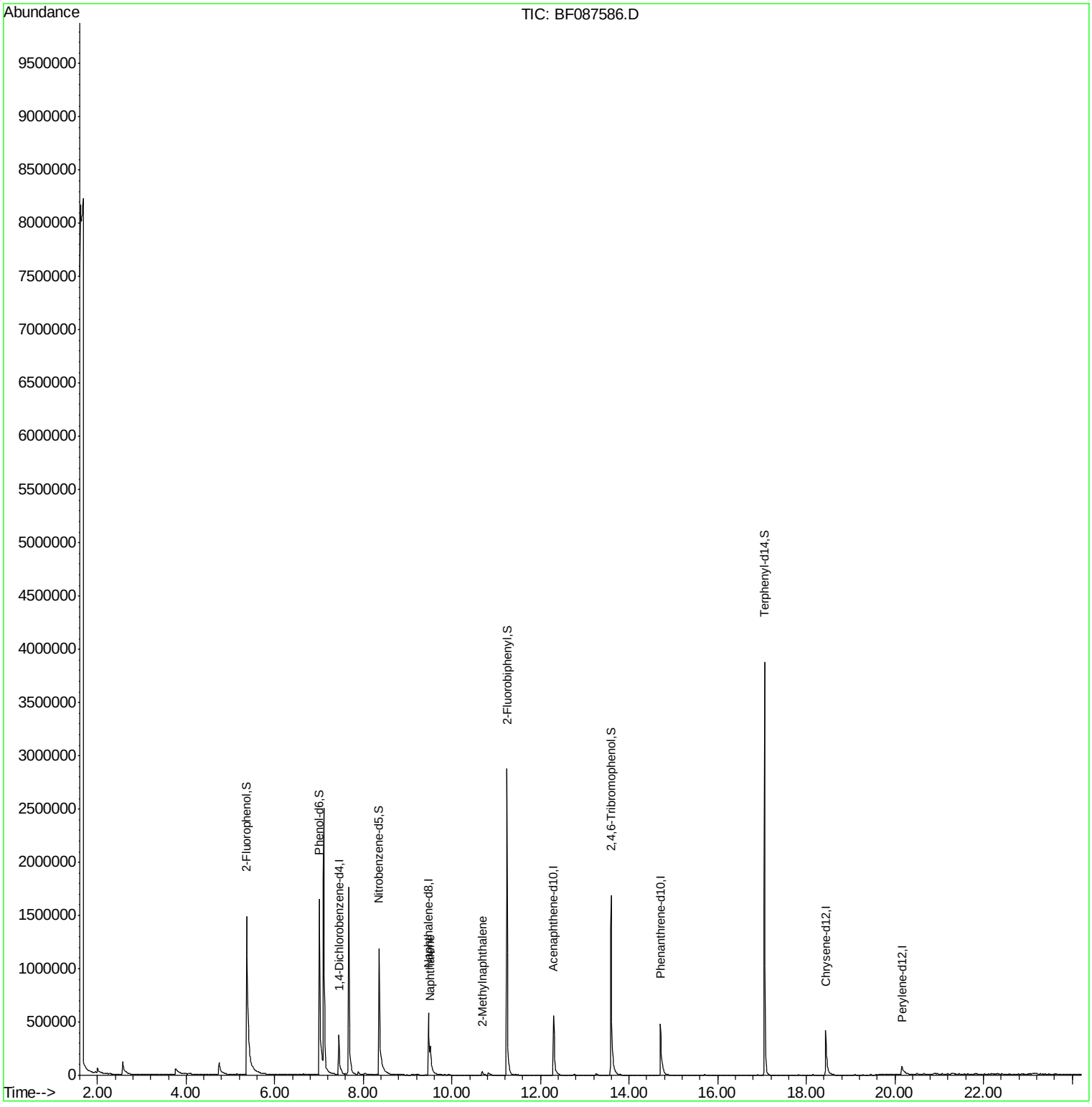
(#) = qualifier out of range (m) = manual integration (+) = signals summed

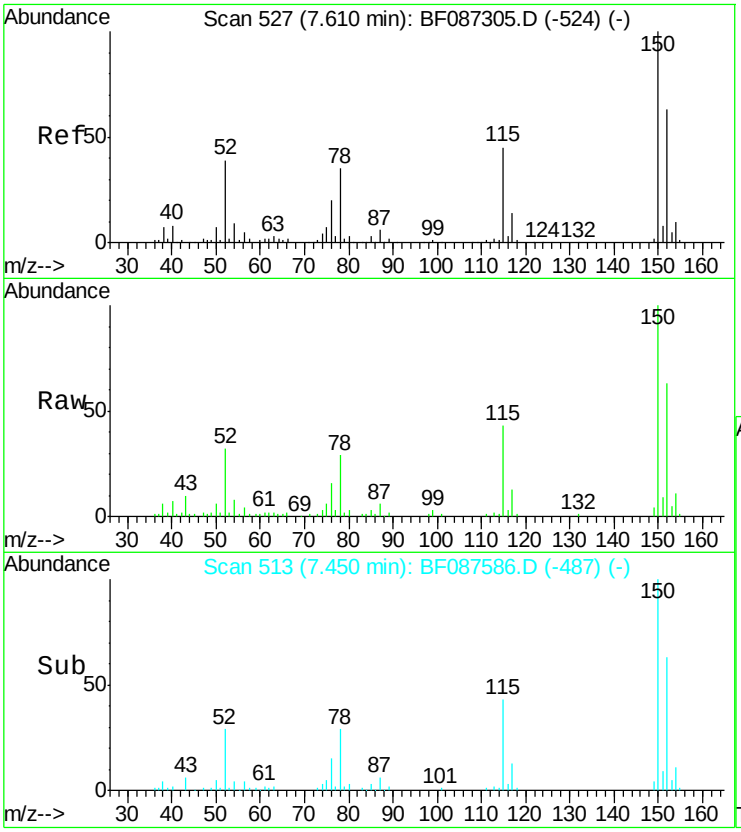
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087586.D
Acq On : 31 May 2016 17:53
Operator : UM/SJ
Sample : H3332-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616

Quant Time: Jun 01 03:19:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 03:17:16 2016
Response via : Initial Calibration



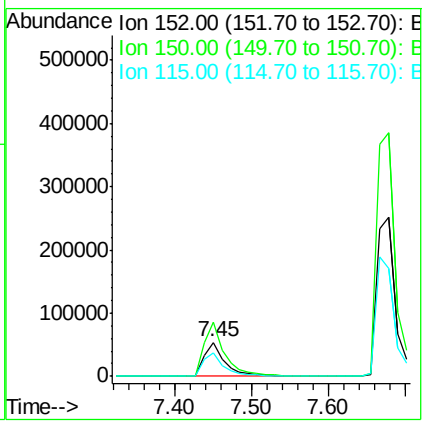


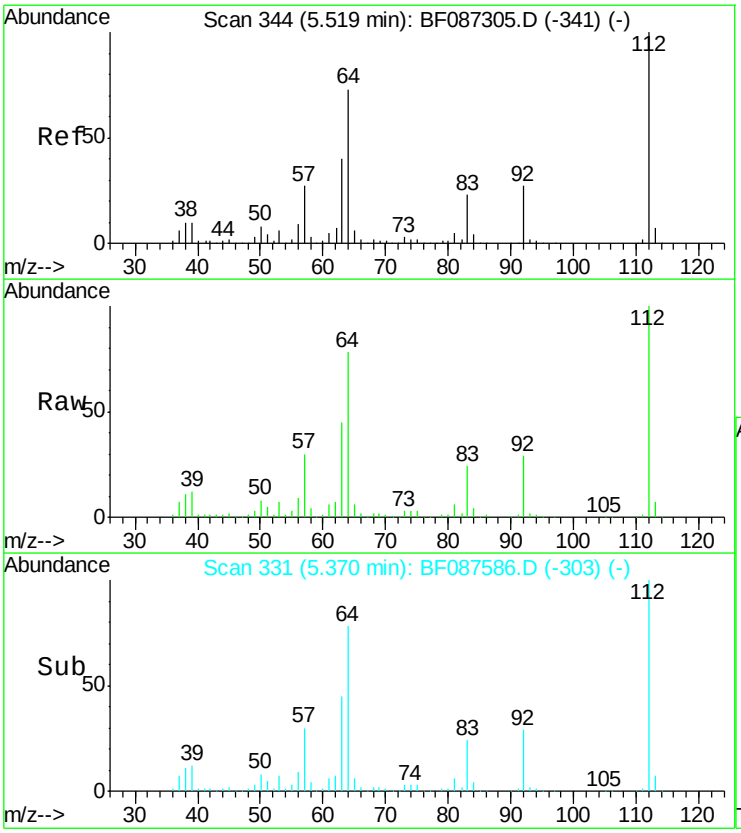
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616

Tgt Ion:152 Resp: 101709

Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.8	188.6
115	68.4	51.5	77.3

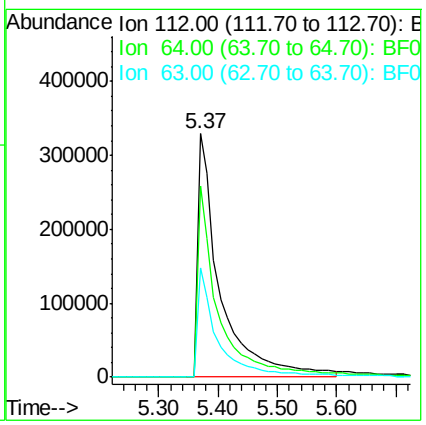


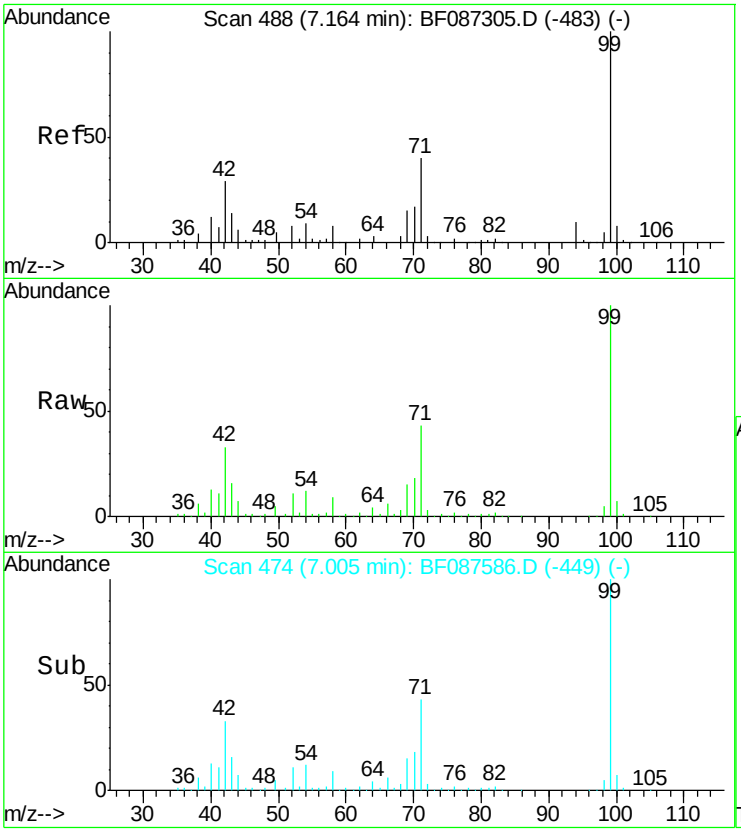


#5
2-Fluorophenol
Concen: 152.57 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.02 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Tgt Ion:112 Resp: 883094

Ion	Ratio	Lower	Upper
112	100		
64	78.5	52.1	78.1#
63	44.9	25.7	38.5#



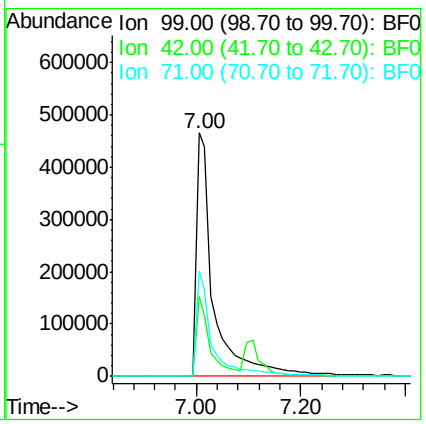


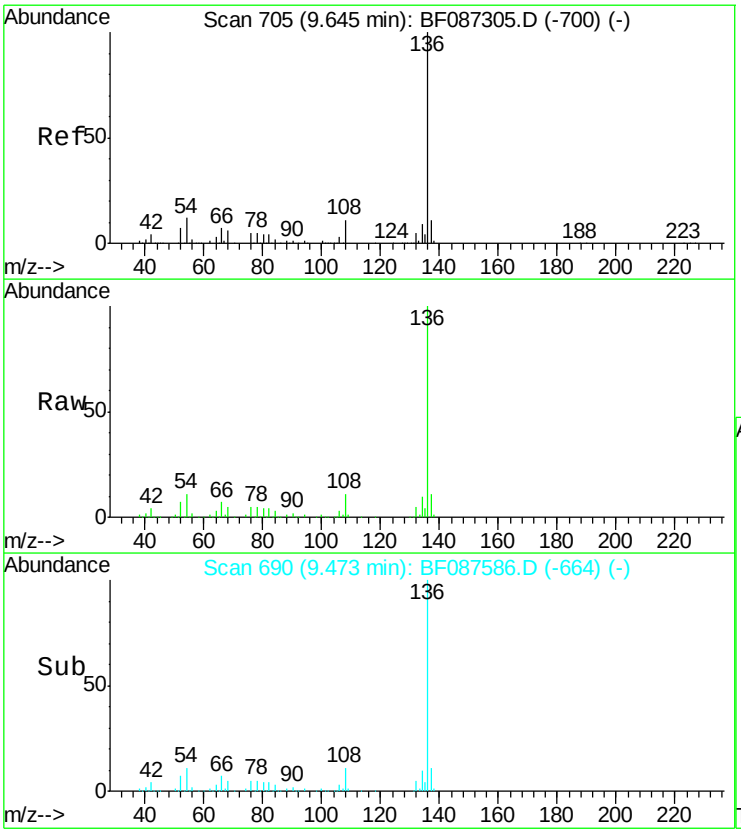
#7
Phenol-d6
Concen: 137.07 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616

Tgt Ion: 99 Resp: 1072090

Ion	Ratio	Lower	Upper
99	100		
42	32.9	13.6	20.4#
71	43.0	24.6	36.8#

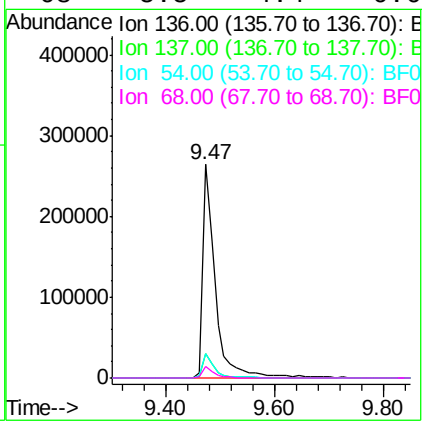


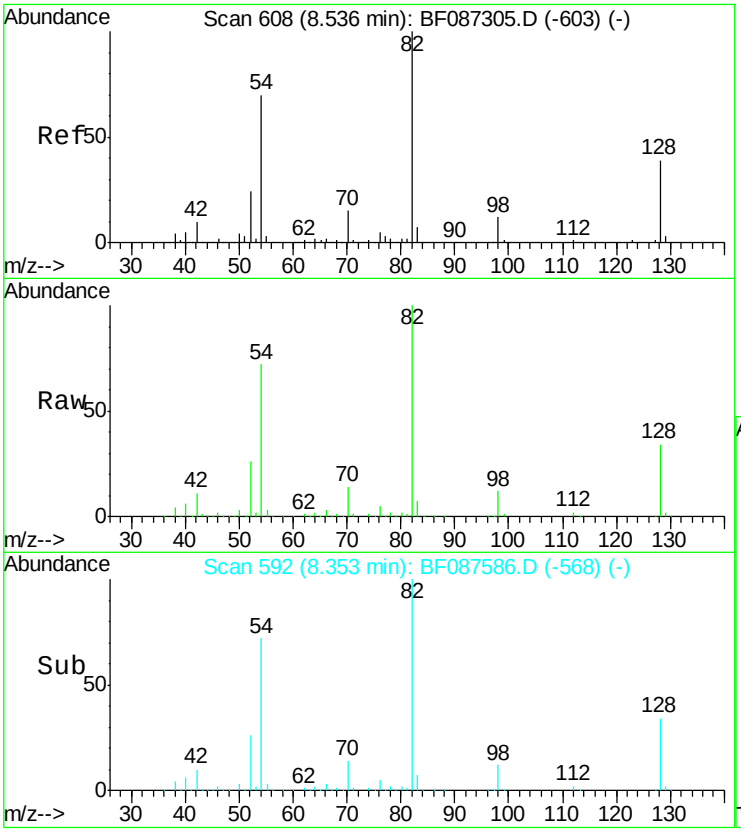


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Tgt Ion:136 Resp: 420789

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	11.1	5.0	7.4#
68	5.5	4.4	6.6



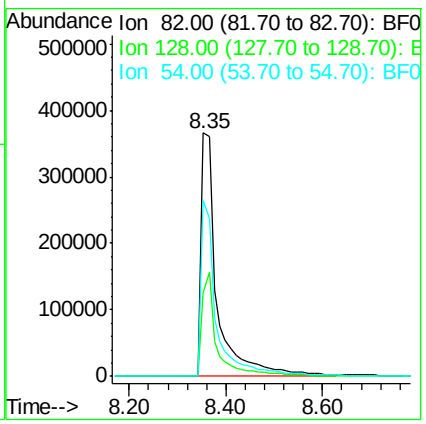


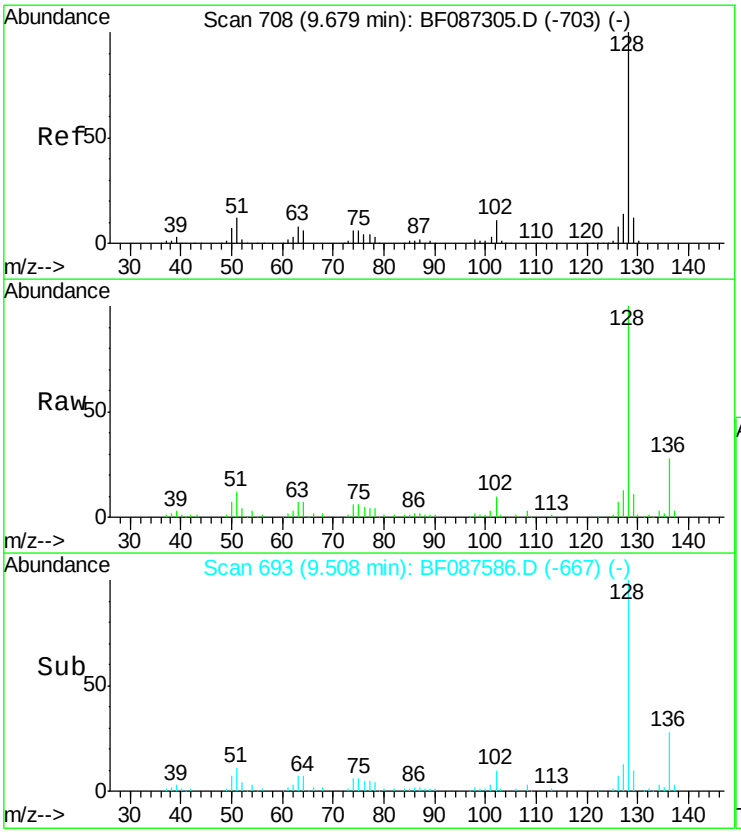
#23
Nitrobenzene-d5
Concen: 101.79 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616

Tgt Ion: 82 Resp: 849832

Ion	Ratio	Lower	Upper
82	100		
128	34.3	40.6	61.0#
54	72.2	38.1	57.1#

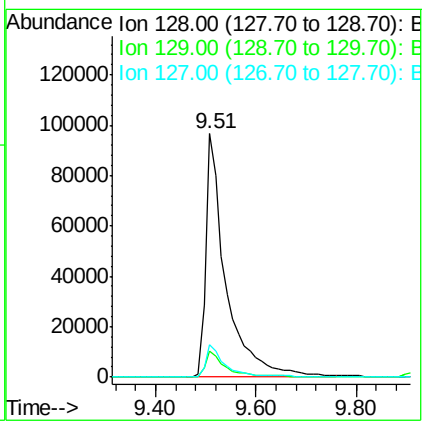


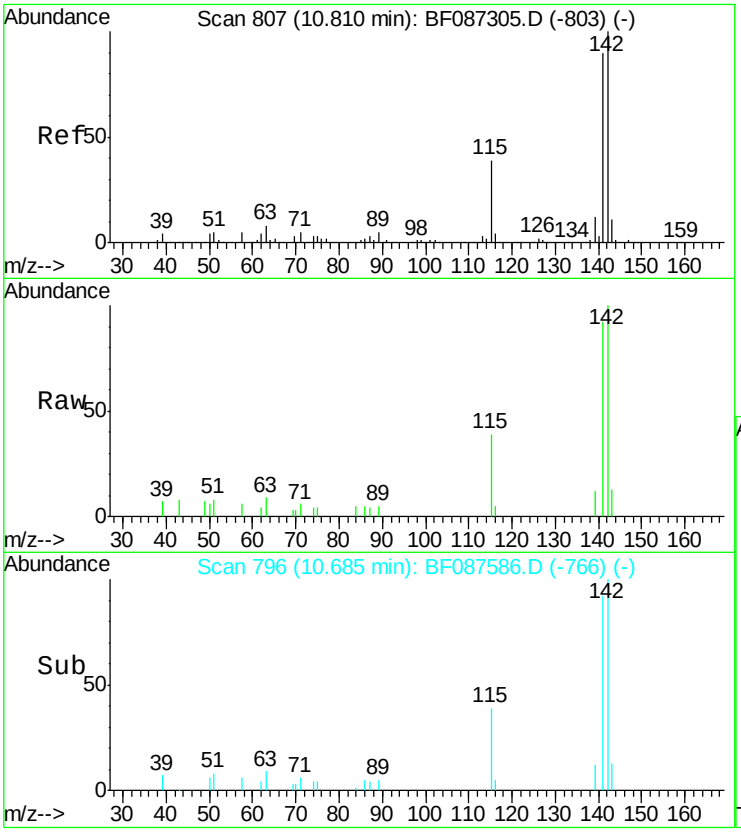


#31
Naphthalene
Concen: 12.72 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Tgt Ion:128 Resp: 268102

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.2	10.8	16.2



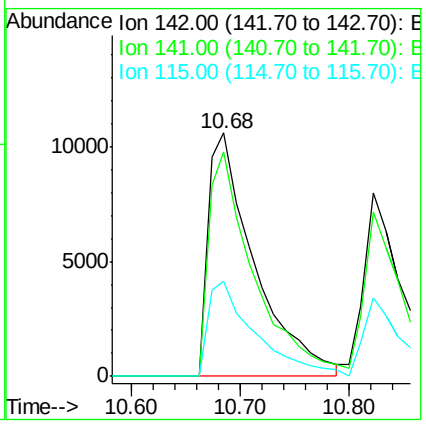


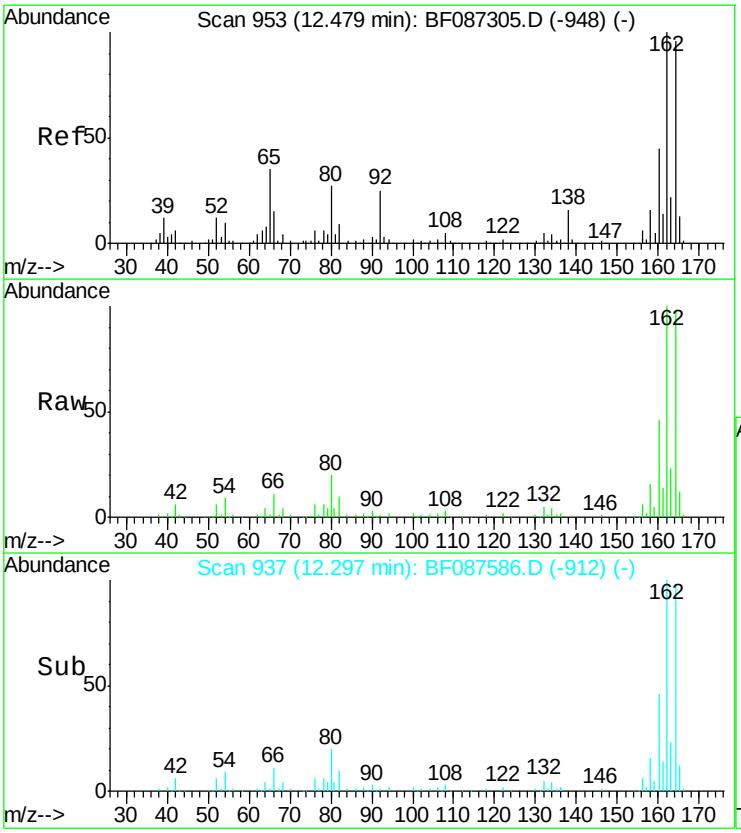
#37
2-Methylnaphthalene
Concen: 2.38 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.05 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616

Tgt Ion:142 Resp: 31319

Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.0	106.6
115	39.1	26.6	39.8

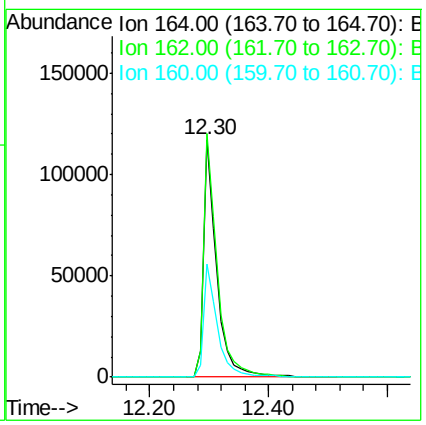


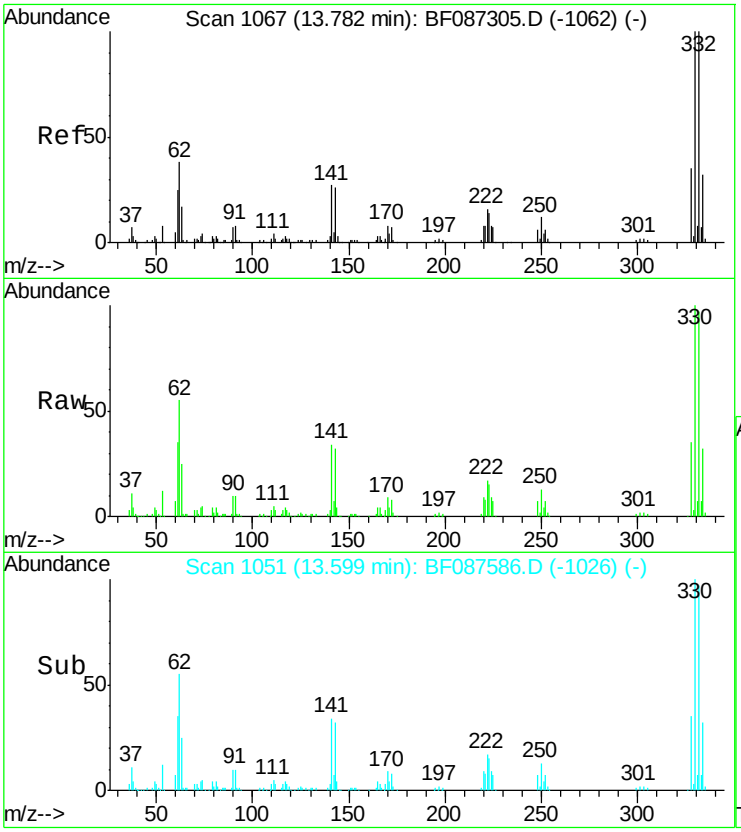


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Tgt Ion:164 Resp: 181741

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	47.4	36.9	55.3



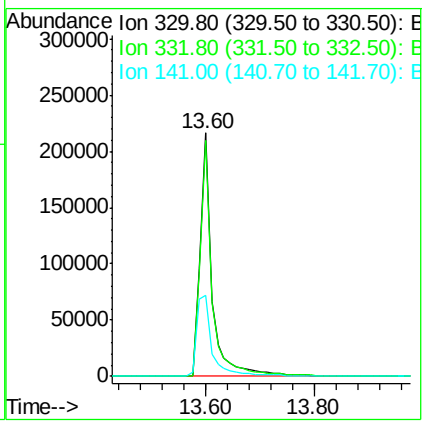


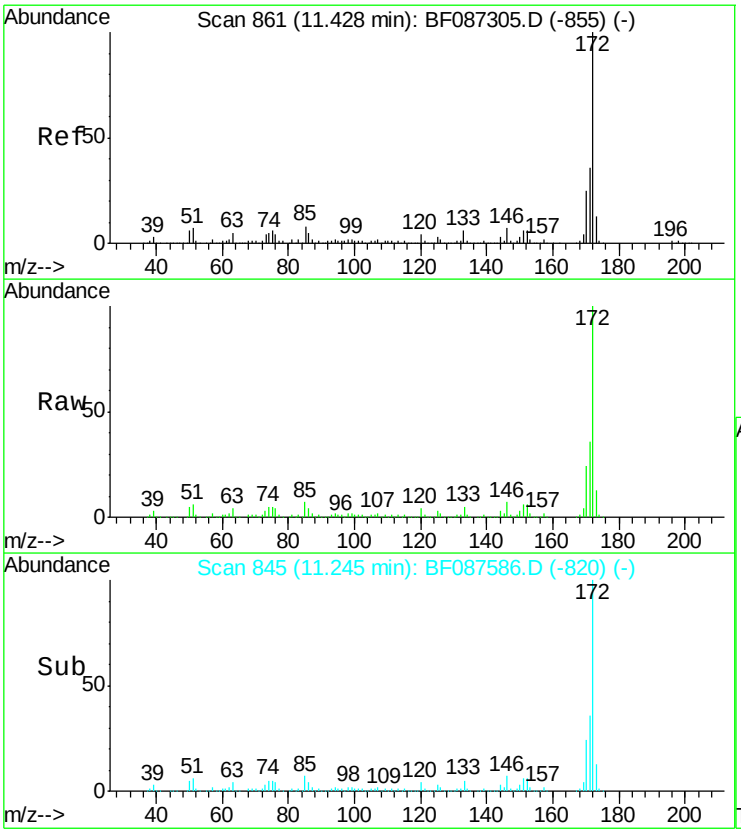
#41
2,4,6-Tribromophenol
Concen: 189.55 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616

Tgt Ion:330 Resp: 331047

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	42.9	31.2	46.8

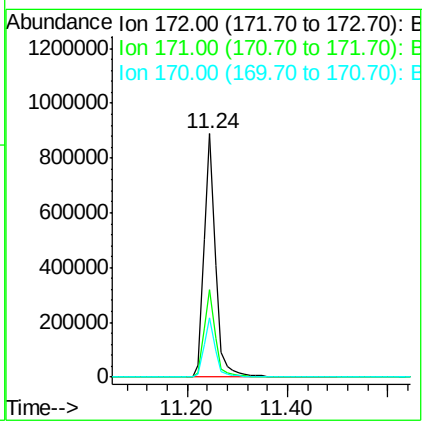


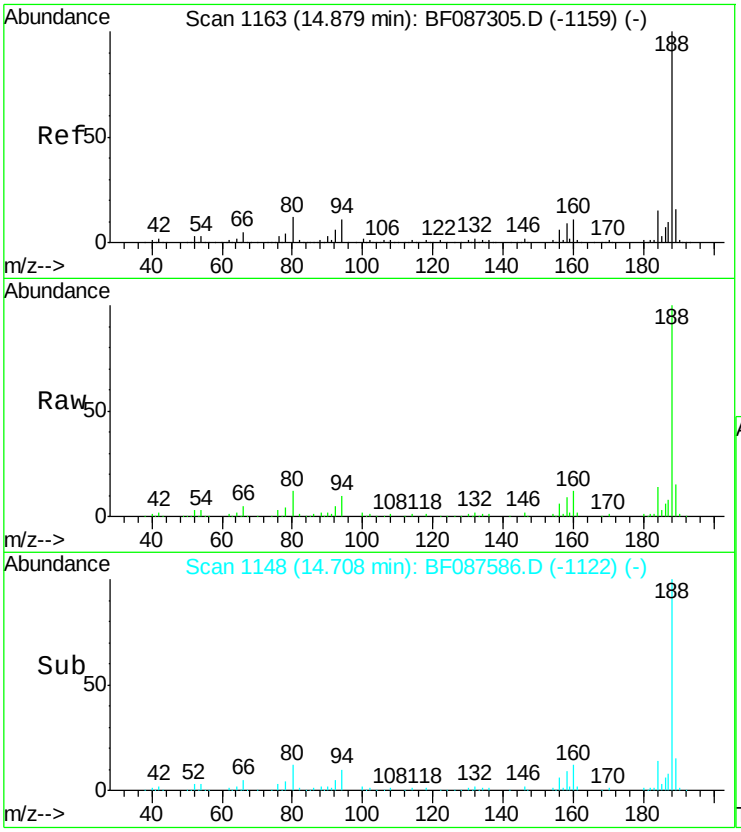


#44
2-Fluorobiphenyl
Concen: 109.82 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Tgt Ion:172 Resp: 1415734

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.4	19.8	29.8



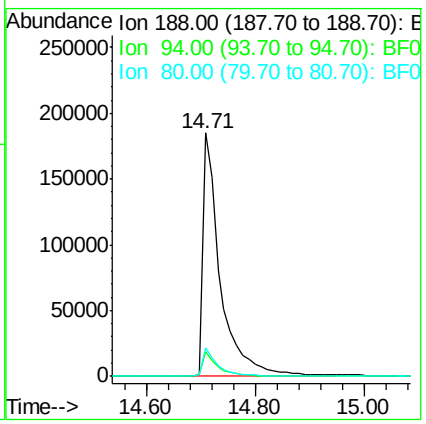


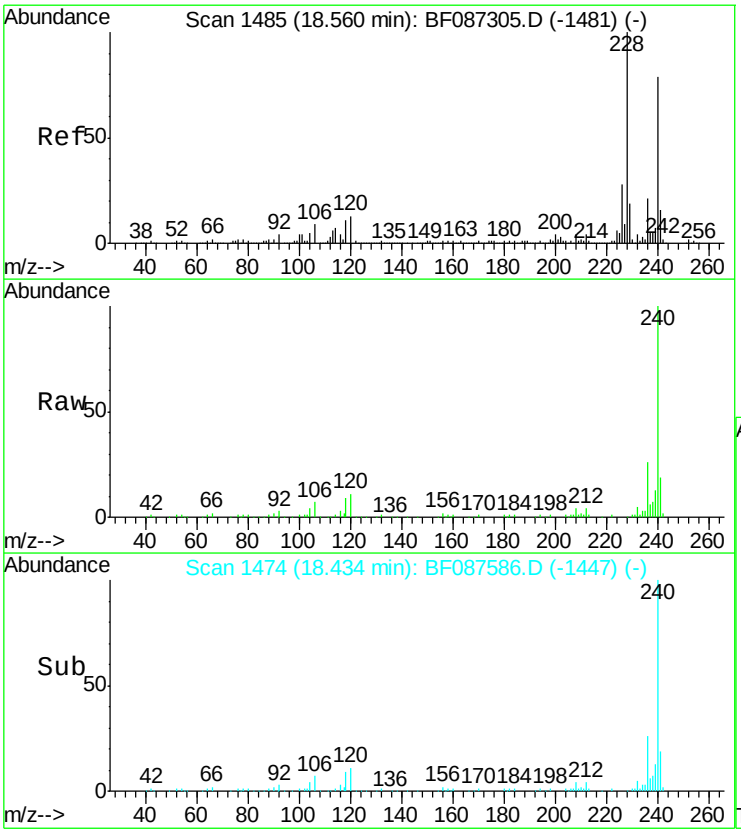
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616

Tgt Ion:188 Resp: 412345

Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.8	10.2#
80	11.9	7.1	10.7#

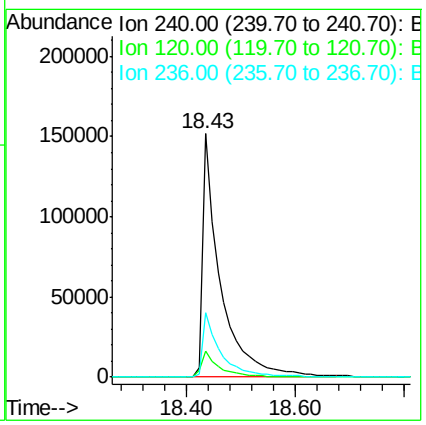


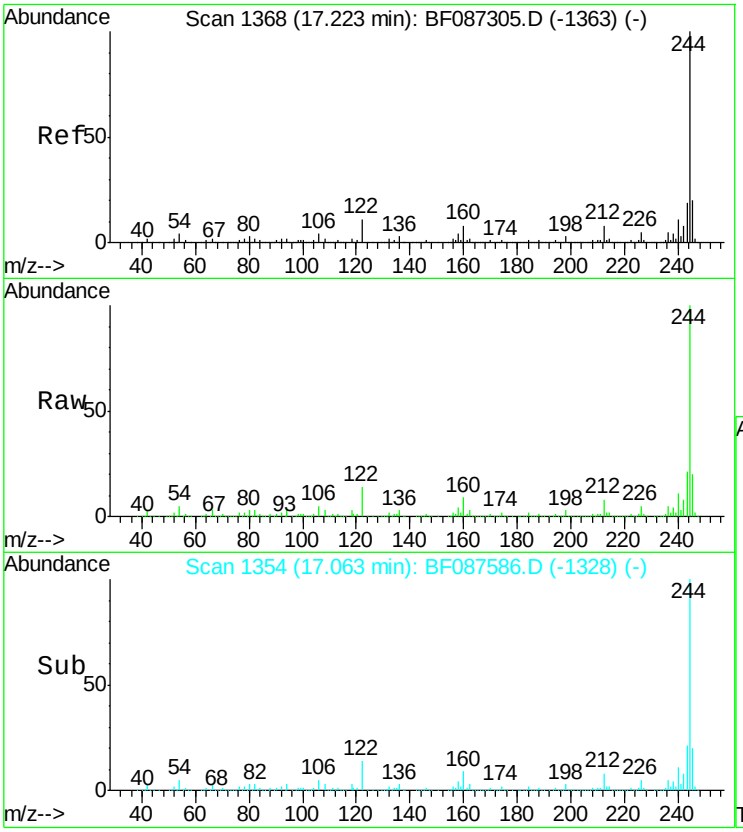


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Tgt Ion:240 Resp: 342443

Ion	Ratio	Lower	Upper
240	100		
120	10.9	11.2	16.8#
236	26.3	21.2	31.8



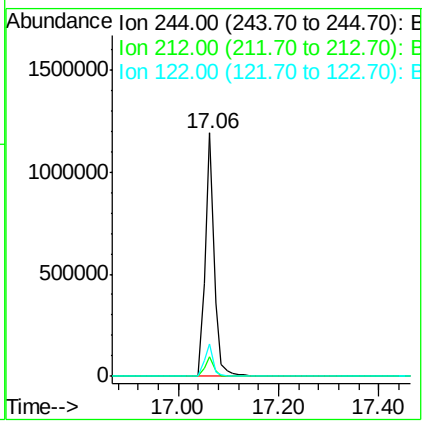


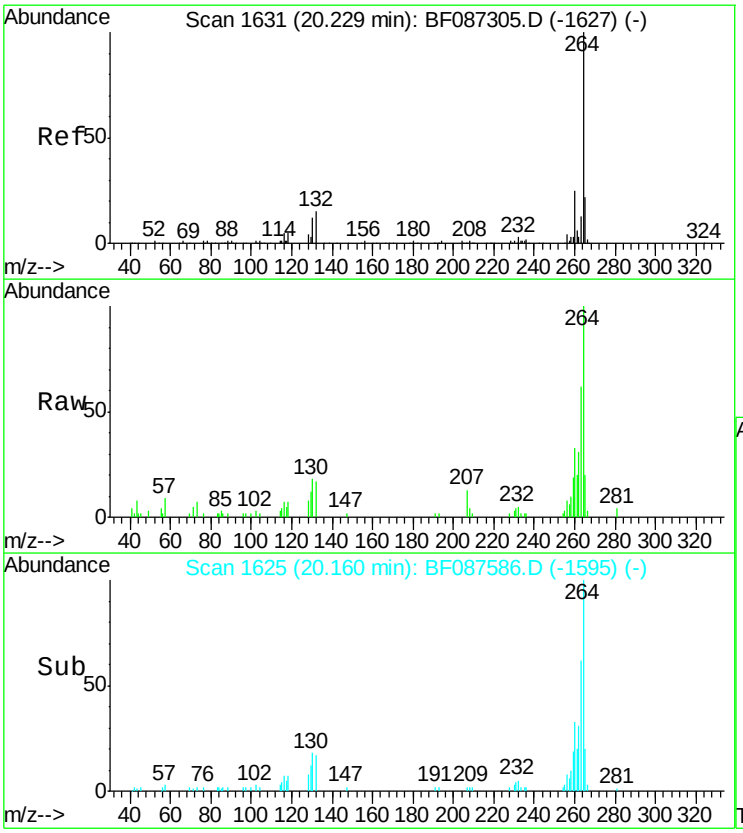
#78
Terphenyl-d14
Concen: 90.95 ng
RT: 17.06 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-48-052616

Tgt Ion:244 Resp: 1464897

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.5	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.16 min Scan# 1625
Delta R.T. 0.05 min
Lab File: BF087586.D
Acq: 31 May 2016 17:53

Tgt Ion:264 Resp: 60661

Ion	Ratio	Lower	Upper
264	100		
260	32.9	19.5	29.3#
265	19.9	17.3	25.9