Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087639.D
Acq On : 2 Jun 2016 3:46
Operator : UM/SJ
Sample : H3349-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-50

Quant Time: Jun 02 13:55:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 02:13:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	113660	20.00	ng	0.01
21) Naphthalene-d8	9.45	136	440642	20.00	ng	-0.01
38) Acenaphthene-d10	12.27	164	215757	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	404372	20.00	ng	0.00
75) Chrysene-d12	18.40	240	303425	20.00	ng	0.00
86) Perylene-d12	20.09	264	212658	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	519223	80.27	ng	0.02
7) Phenol-d6	7.00	99	461485	52.80	ng	0.00
23) Nitrobenzene-d5	8.34	82	909676	104.04	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	331497	159.88	ng	-0.01
44) 2-Fluorobiphenyl	11.23	172	1529562	99.94	ng	0.00
78) Terphenyl-d14	17.04	244	1372062	96.14	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	9.48	128	857102	38.82	ng	99
37) 2-Methylnaphthalene	10.62	142	154955	11.23	ng	97

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

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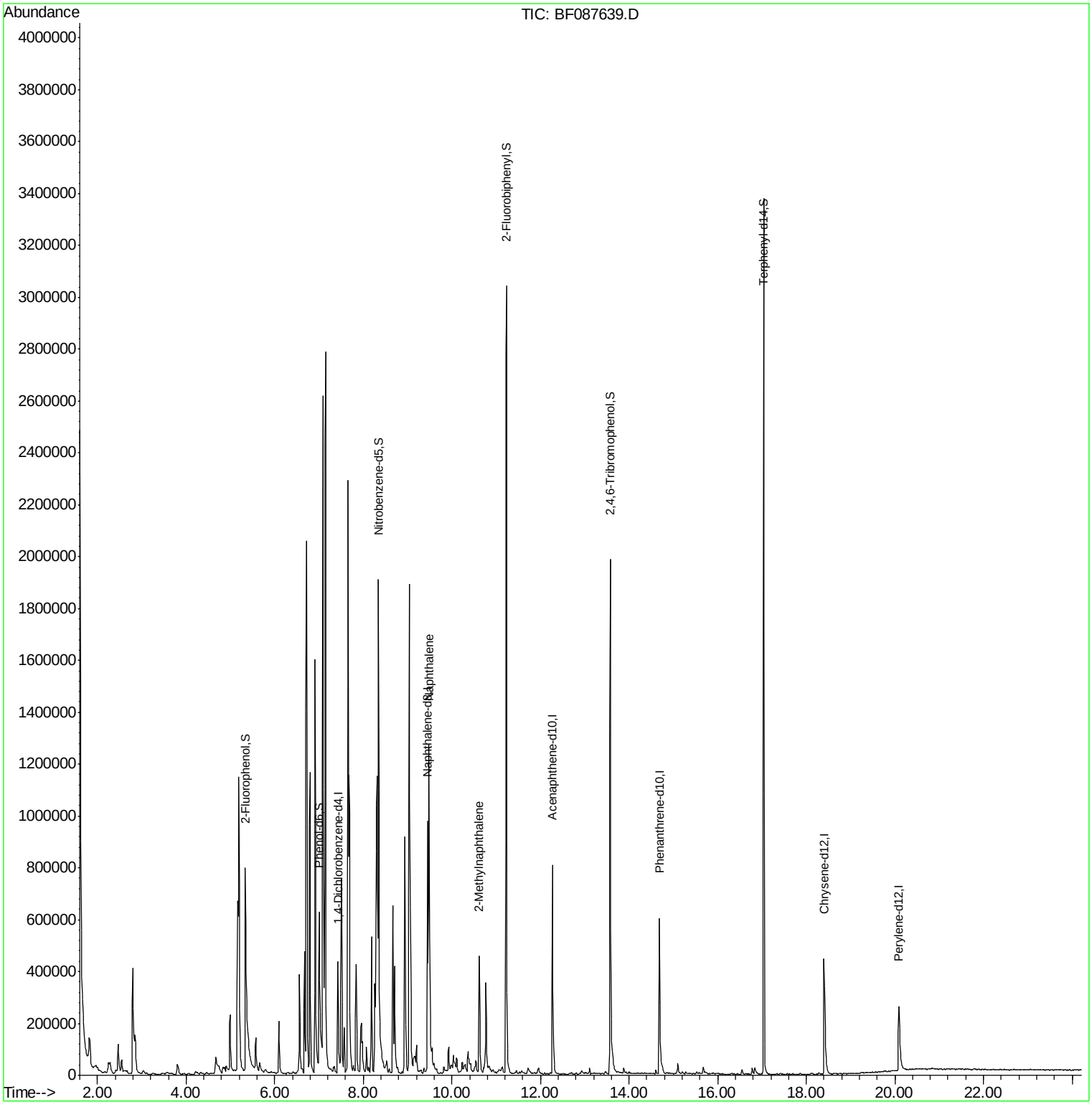
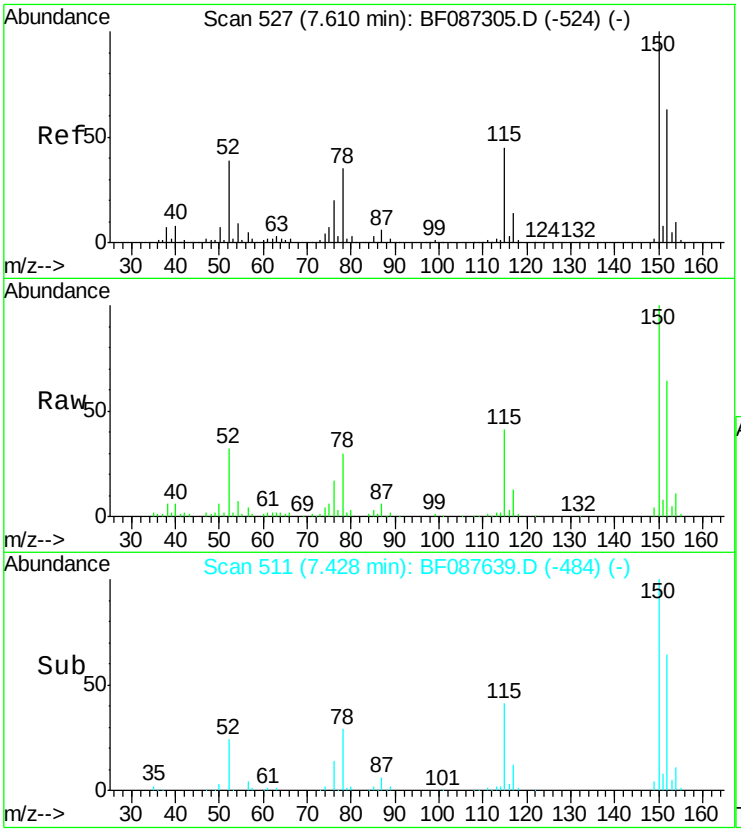


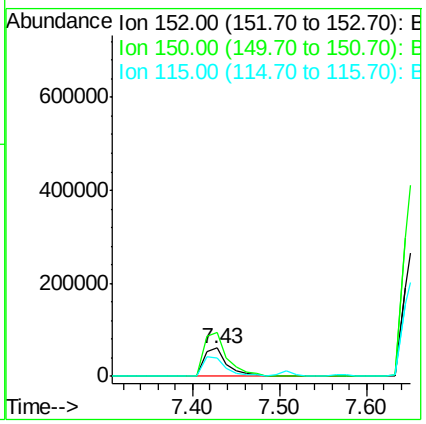


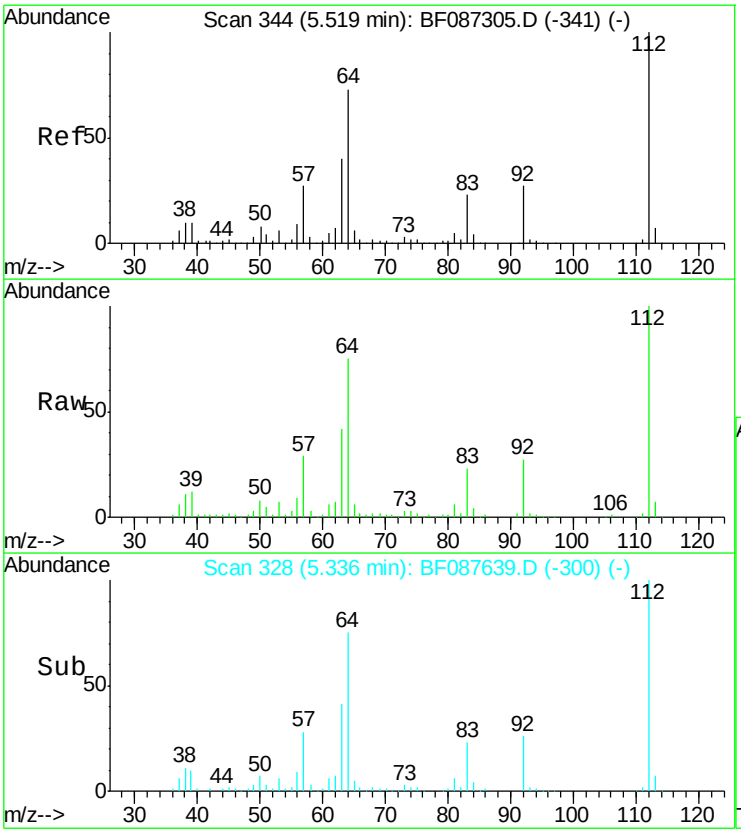
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-50

Tgt Ion:152 Resp: 113660

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.8	188.6
115	64.8	51.5	77.3

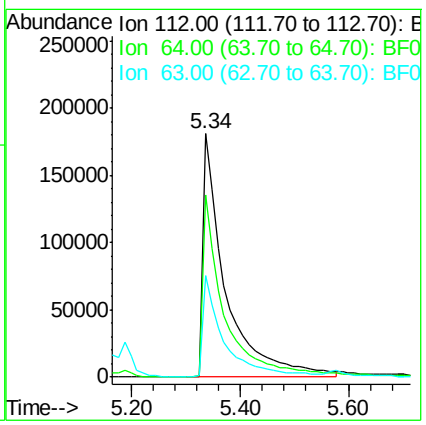


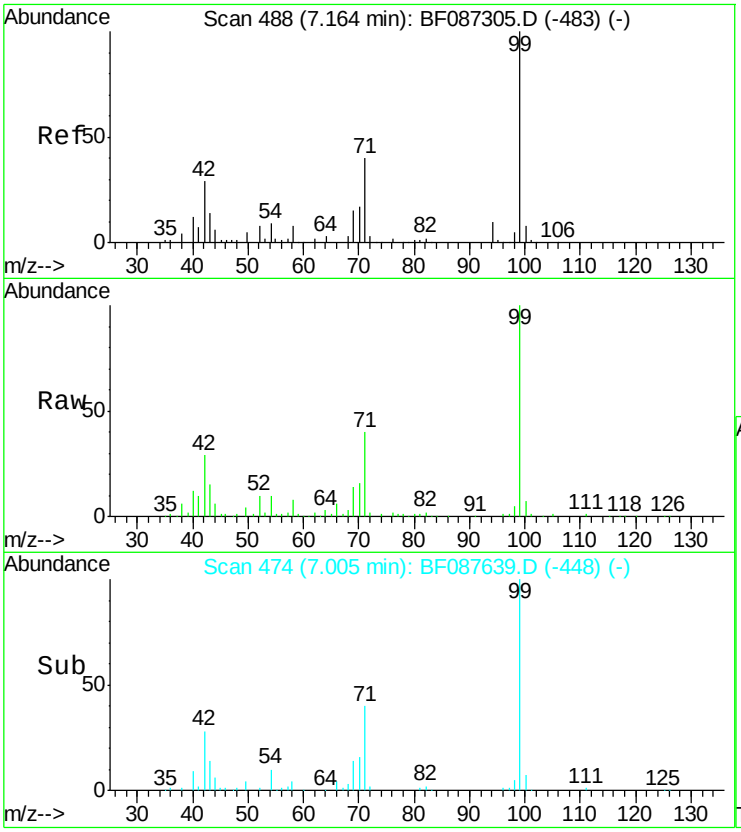


#5
2-Fluorophenol
Concen: 80.27 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Tgt Ion:112 Resp: 519223

Ion	Ratio	Lower	Upper
112	100		
64	75.0	52.1	78.1
63	41.9	25.7	38.5#



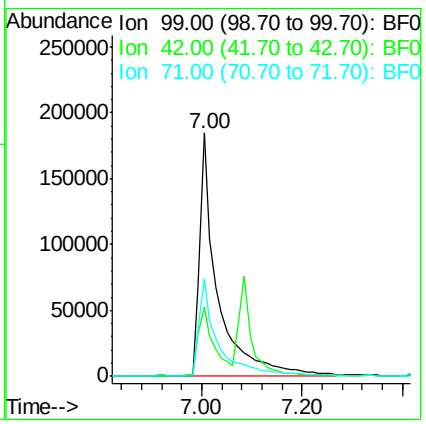


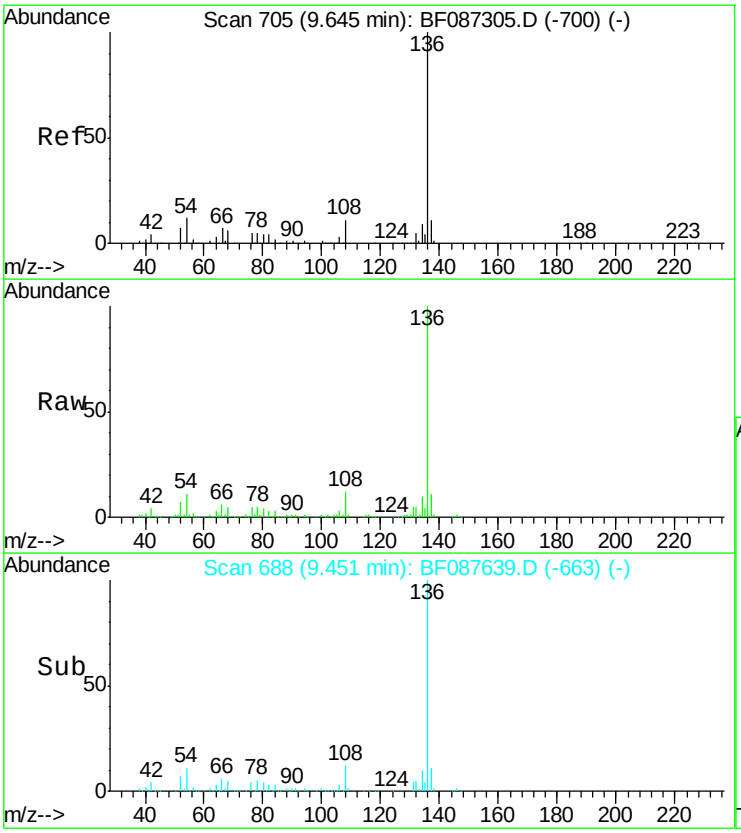
#7
Phenol-d6
Concen: 52.80 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-50

Tgt Ion: 99 Resp: 461485

Ion	Ratio	Lower	Upper
99	100		
42	28.7	13.6	20.4#
71	40.0	24.6	36.8#

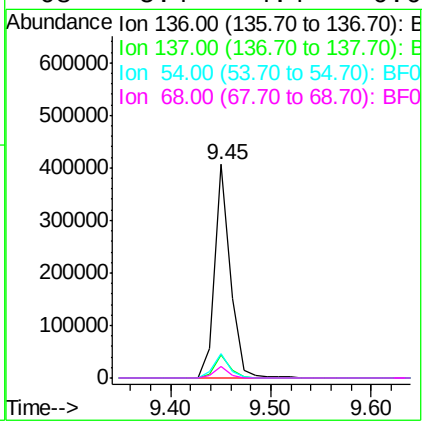


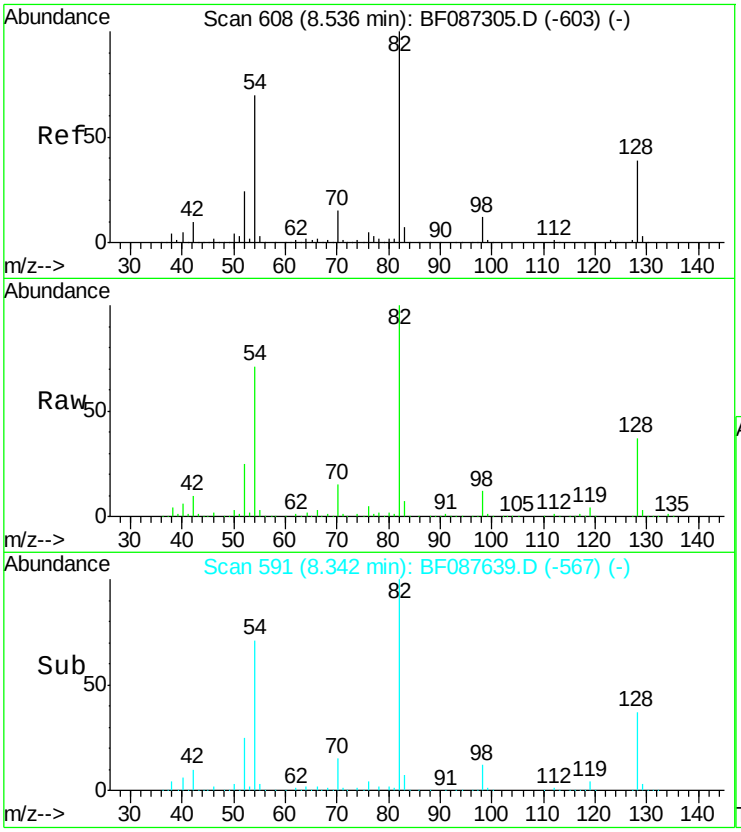


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Tgt Ion:136 Resp: 440642

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.4	5.0	7.4#
68	5.4	4.4	6.6



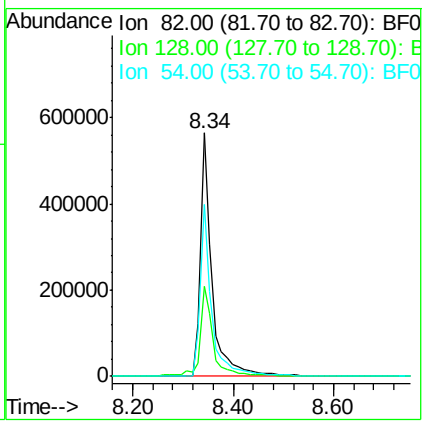


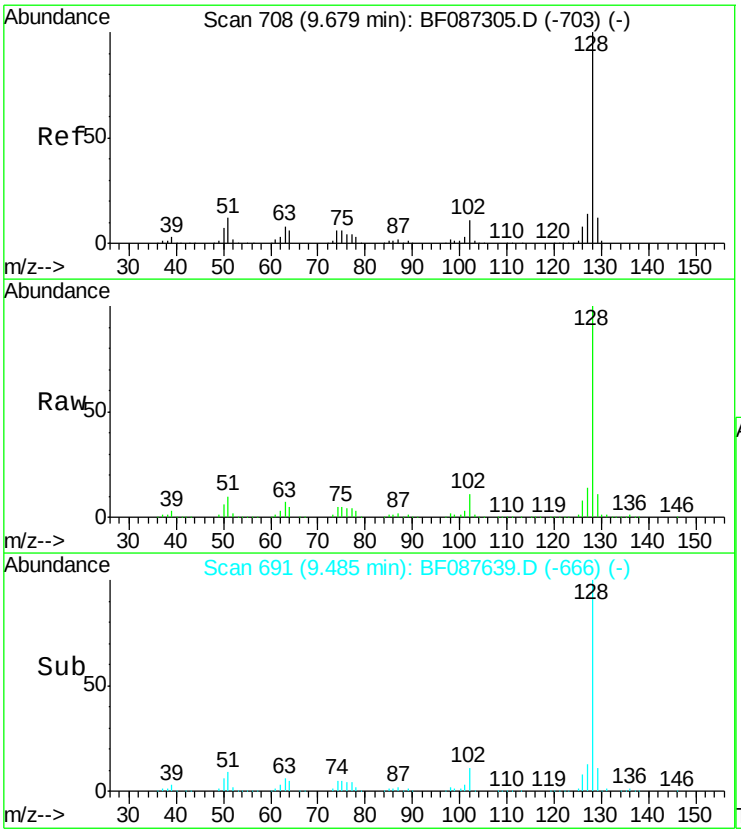
#23
Nitrobenzene-d5
Concen: 104.04 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.02 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-50

Tgt Ion: 82 Resp: 909676

Ion	Ratio	Lower	Upper
82	100		
128	37.1	40.6	61.0#
54	70.7	38.1	57.1#

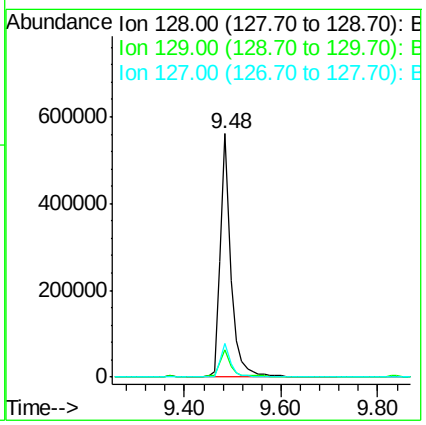


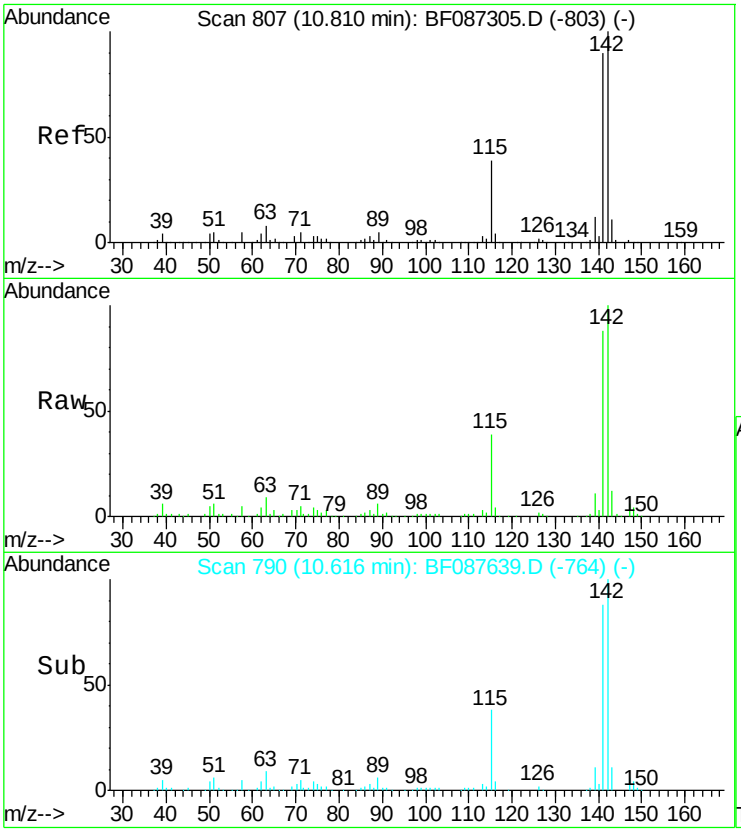


#31
Naphthalene
Concen: 38.82 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Tgt Ion:128 Resp: 857102

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.6	10.8	16.2



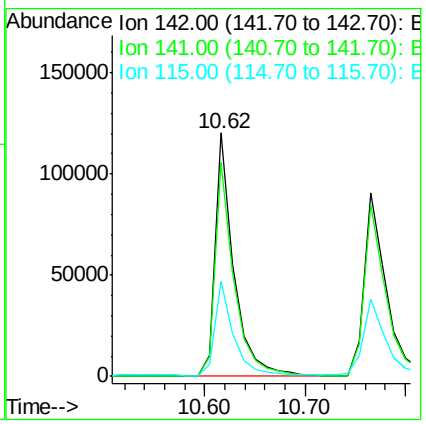


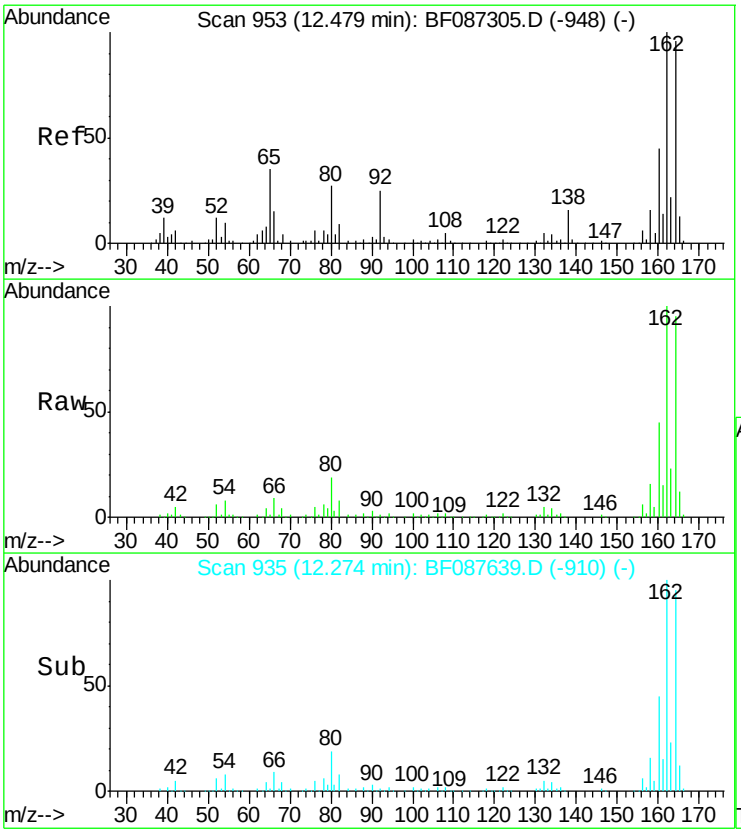
#37
2-Methylnaphthalene
Concen: 11.23 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-50

Tgt Ion:142 Resp: 154955

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	39.0	26.6	39.8

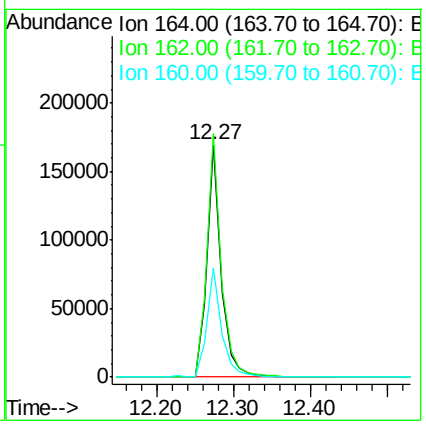


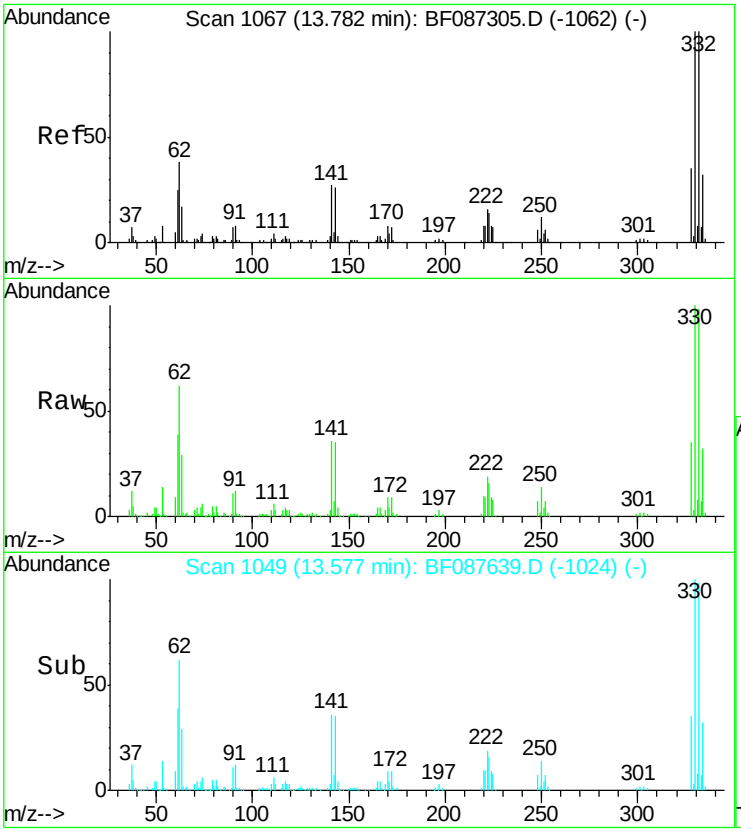


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Tgt Ion:164 Resp: 215757

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.8	124.2
160	47.1	36.9	55.3



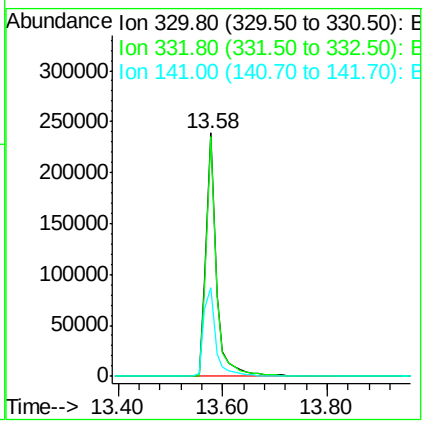


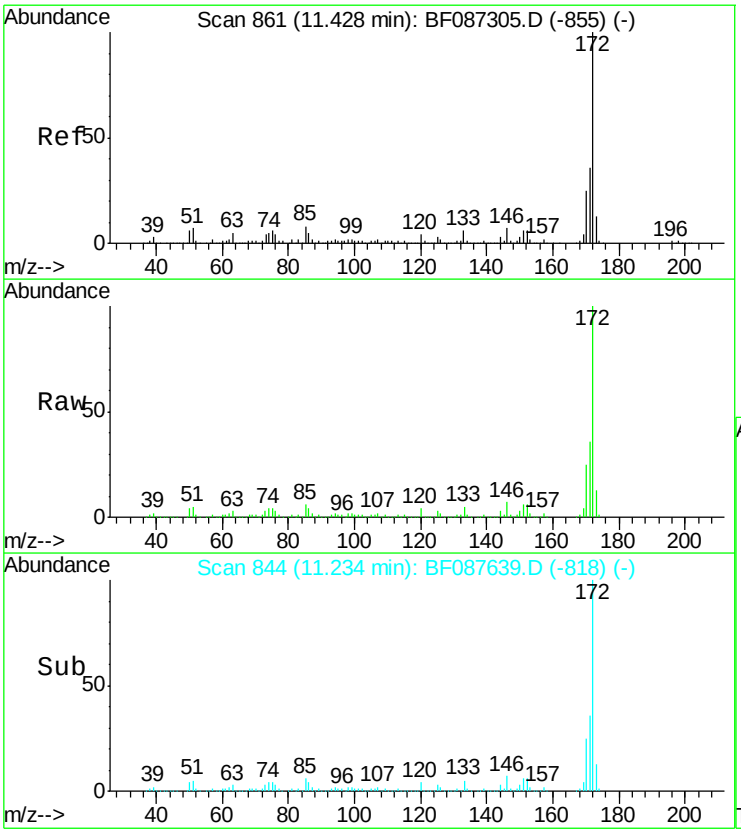
#41
2,4,6-Tribromophenol
Concen: 159.88 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-50

Tgt Ion:330 Resp: 331497

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	42.8	31.2	46.8

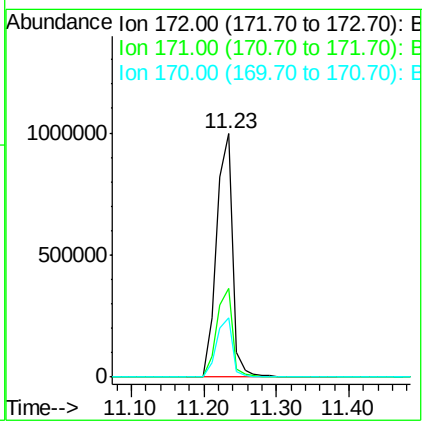


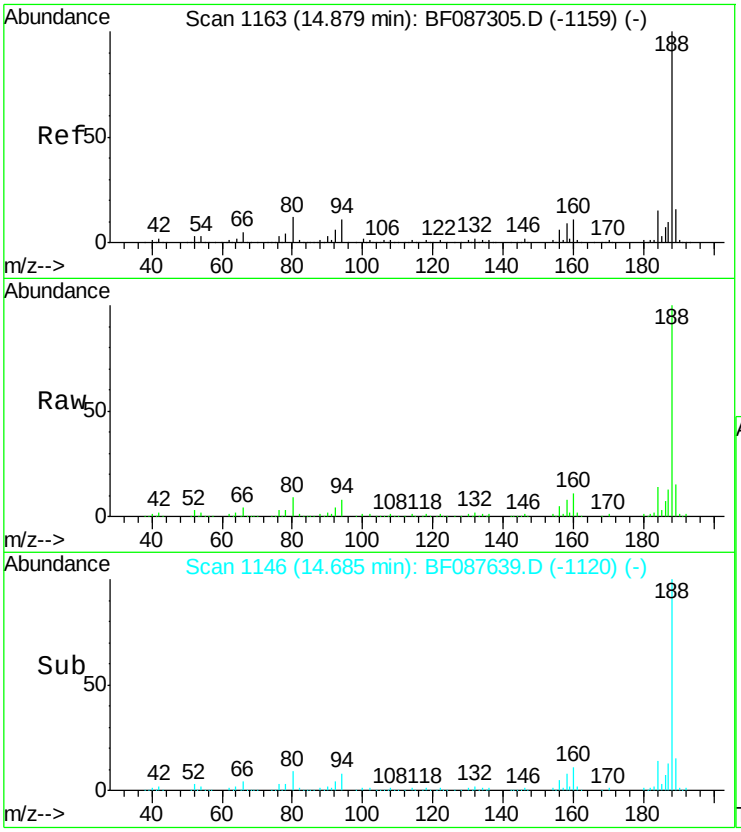


#44
2-Fluorobiphenyl
Concen: 99.94 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Tgt Ion:172 Resp: 1529562

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.6	19.8	29.8



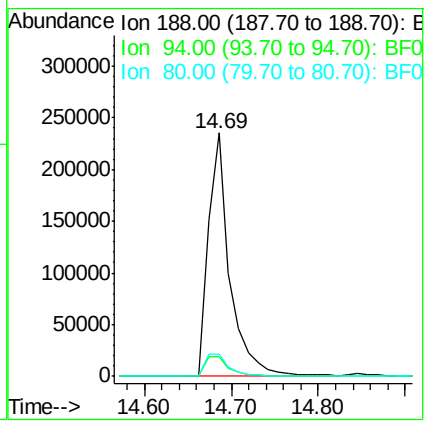


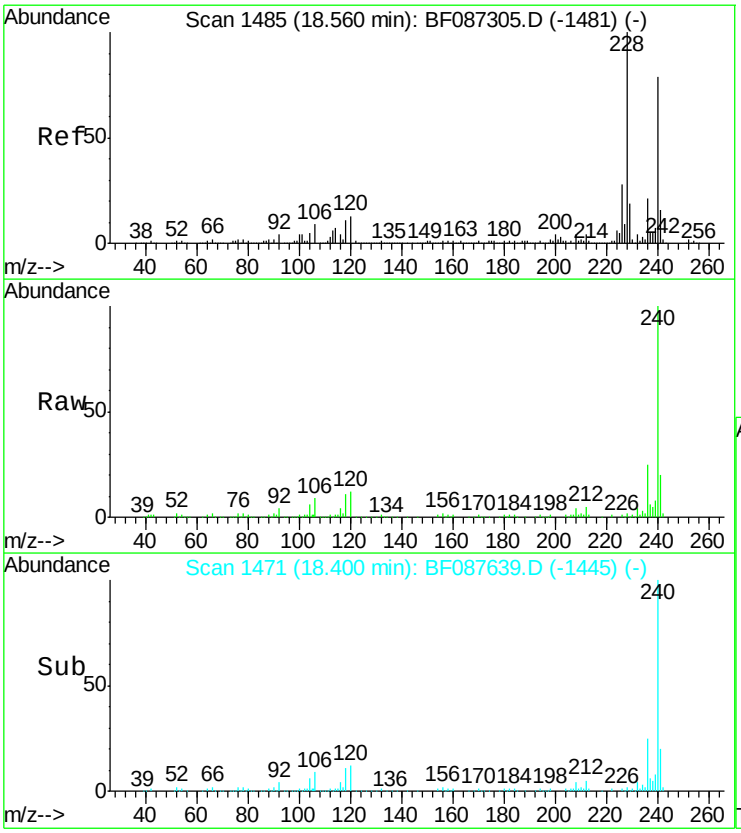
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-50

Tgt Ion:188 Resp: 404372

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	8.9	7.1	10.7

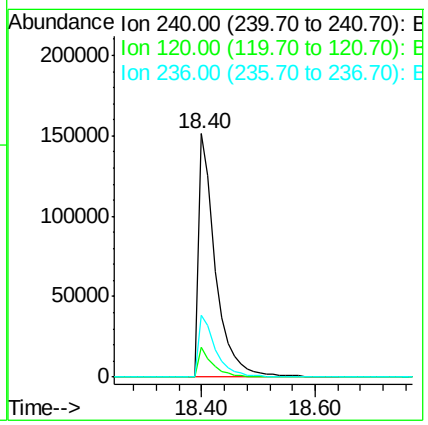


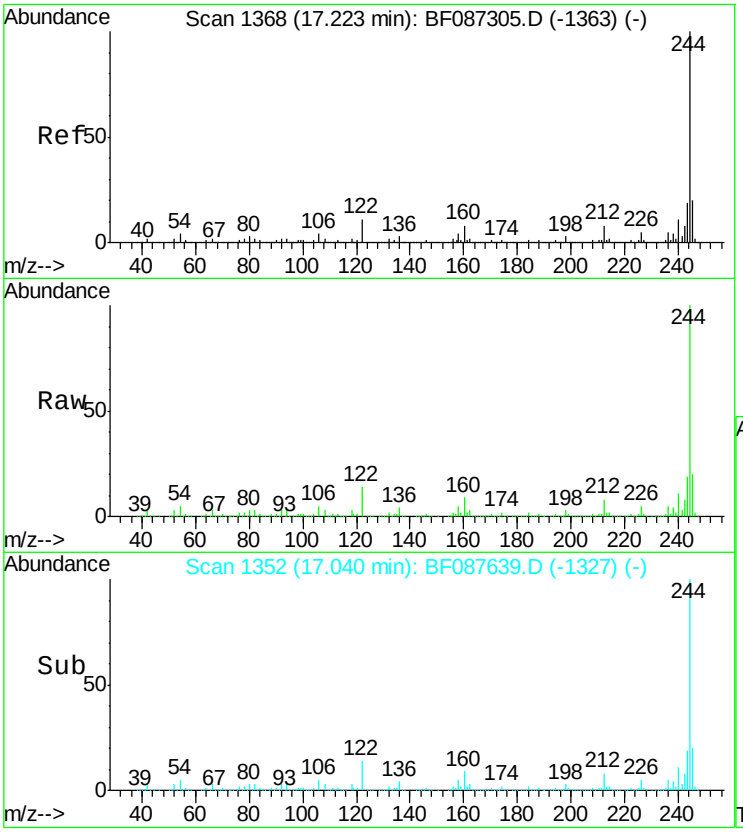


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Tgt Ion:240 Resp: 303425

Ion	Ratio	Lower	Upper
240	100		
120	12.3	11.2	16.8
236	25.5	21.2	31.8



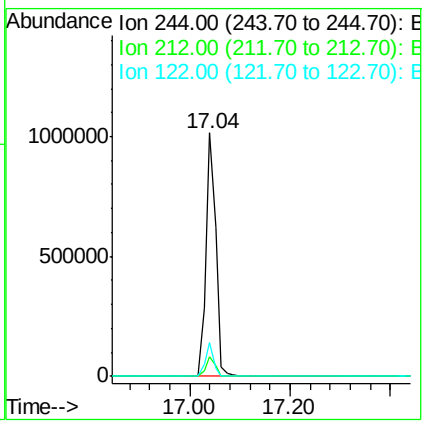


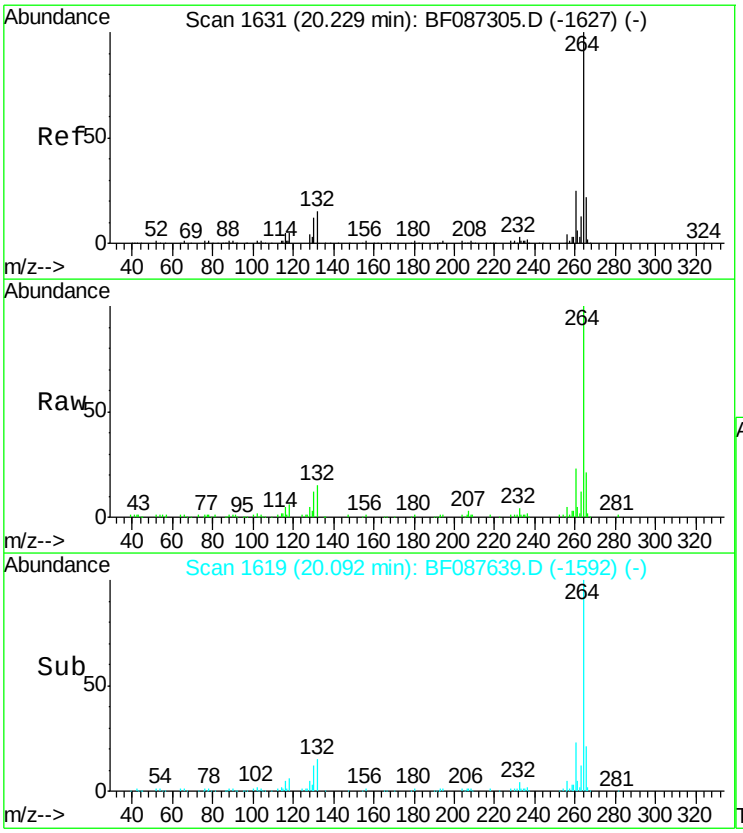
#78
Terphenyl-d14
Concen: 96.14 ng
RT: 17.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-50

Tgt Ion:244 Resp: 1372062

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	13.8	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.09 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BF087639.D
Acq: 2 Jun 2016 3:46

Tgt Ion:264 Resp: 212658

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.7	17.3	25.9