Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121015\
Data File : BF083688.D
Acq On : 10 Dec 2015 21:31
Operator : UM/IZ
Sample : G4582-16DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP1-112415DL

Quant Time: Dec 11 01:05:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	134348	20.00	ng	-0.09
21) Naphthalene-d8	7.50	136	511762	20.00	ng	-0.10
38) Acenaphthene-d10	10.28	164	252955	20.00	ng	-0.10
63) Phenanthrene-d10	12.68	188	476410	20.00	ng	-0.10
75) Chrysene-d12	16.91	240	379608	20.00	ng	-0.08
86) Perylene-d12	18.57	264	298324	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	3.90	112	682167	77.01	ng	-0.07
7) Phenol-d6	5.18	99	924702	78.13	ng	-0.09
23) Nitrobenzene-d5	6.44	82	579861	52.87	ng	-0.09
41) 2,4,6-Tribromophenol	11.58	330	172431	76.51	ng	-0.10
44) 2-Fluorobiphenyl	9.24	172	845261	47.03	ng	-0.10
78) Terphenyl-d14	15.31	244	736801	45.67	ng	-0.10
Target Compounds						Qvalue
10) Phenol	5.21	94	34945	2.44	ng	# 53
19) n-Nitroso-di-n-propylamine	6.44	70	60183	7.29	ng	# 80
31) Naphthalene	7.54	128	1413415	52.15	ng	99
32) Benzoic acid	7.54	122	3990	3.73	ng	# 1
33) 4-Chloroaniline	7.54	127	184175	18.63	ng	# 30
49) Dimethylphthalate	9.94	163	187237	9.30	ng	99
70) Phenanthrene	12.74	178	104690	3.82	ng	98
77) Pyrene	15.03	202	63371	2.32	ng	96

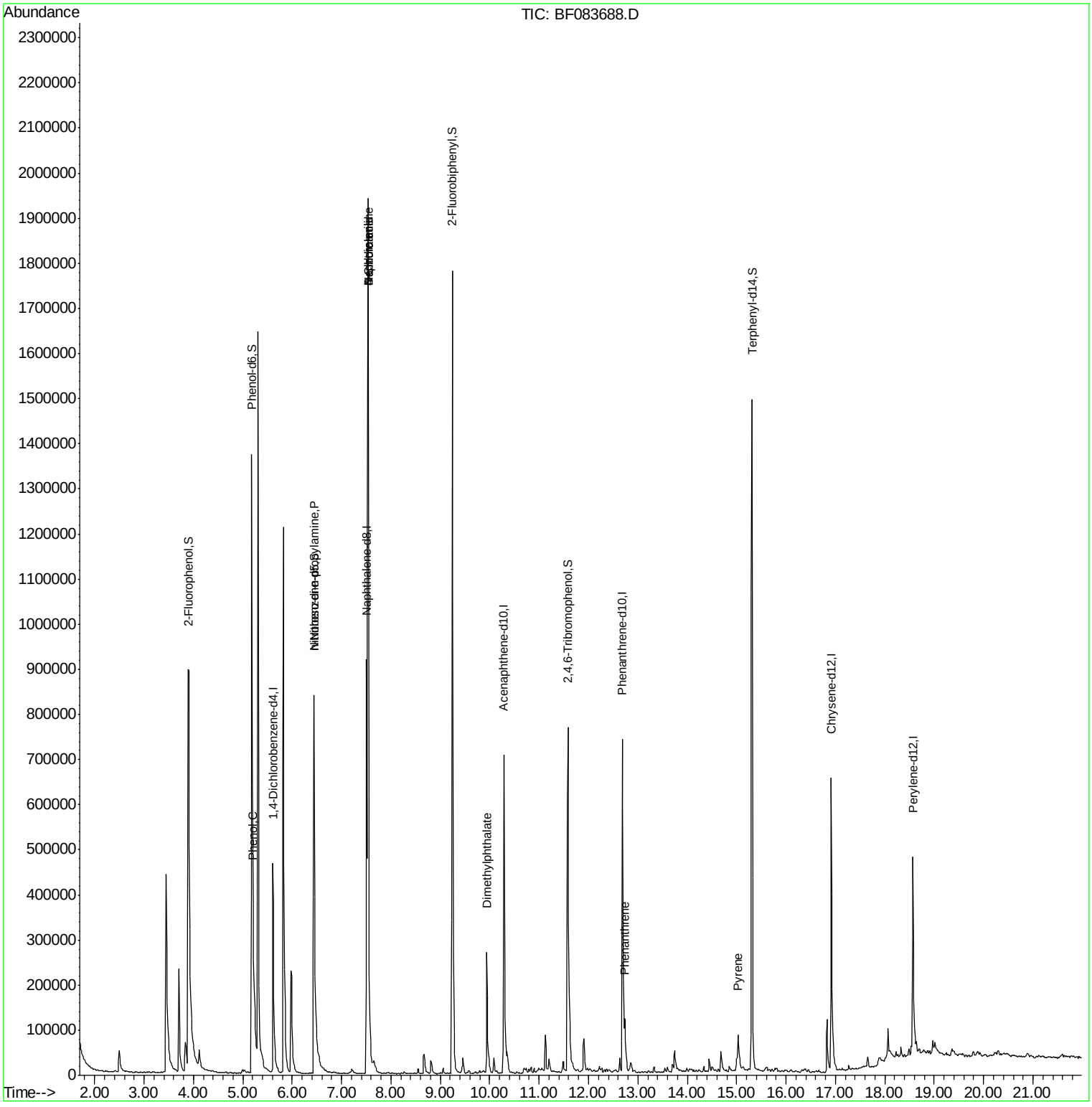
(#) = qualifier out of range (m) = manual integration (+) = signals summed

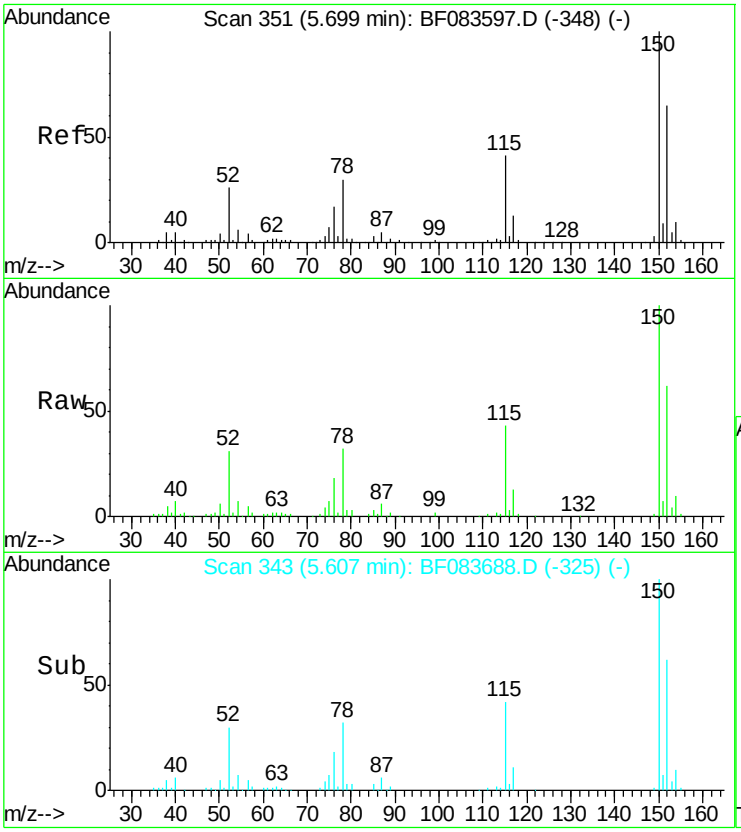
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121015\
Data File : BF083688.D
Acq On : 10 Dec 2015 21:31
Operator : UM/IZ
Sample : G4582-16DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP1-112415DL

Quant Time: Dec 11 01:05:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 00:23:35 2015
Response via : Initial Calibration



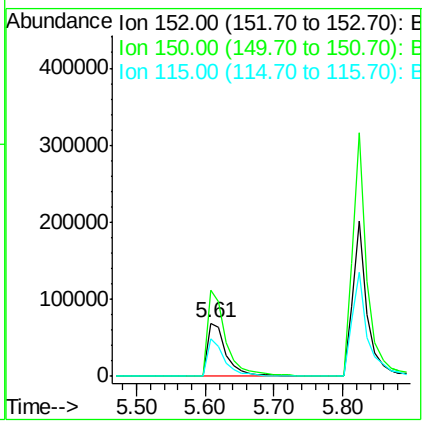


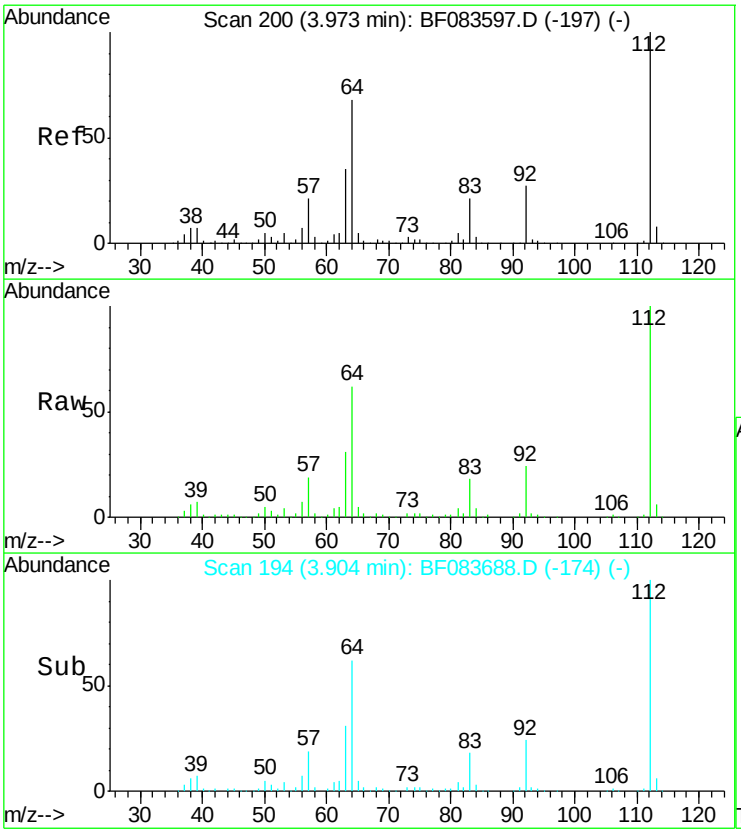
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.61 min Scan# 343
Delta R.T. -0.09 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
DUP1-112415DL

Tgt Ion:152 Resp: 134348

Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.5	189.7
115	69.7	52.3	78.5

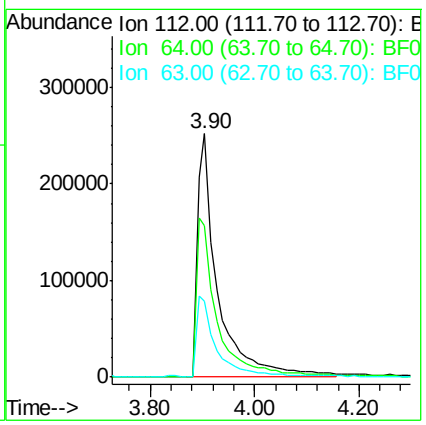


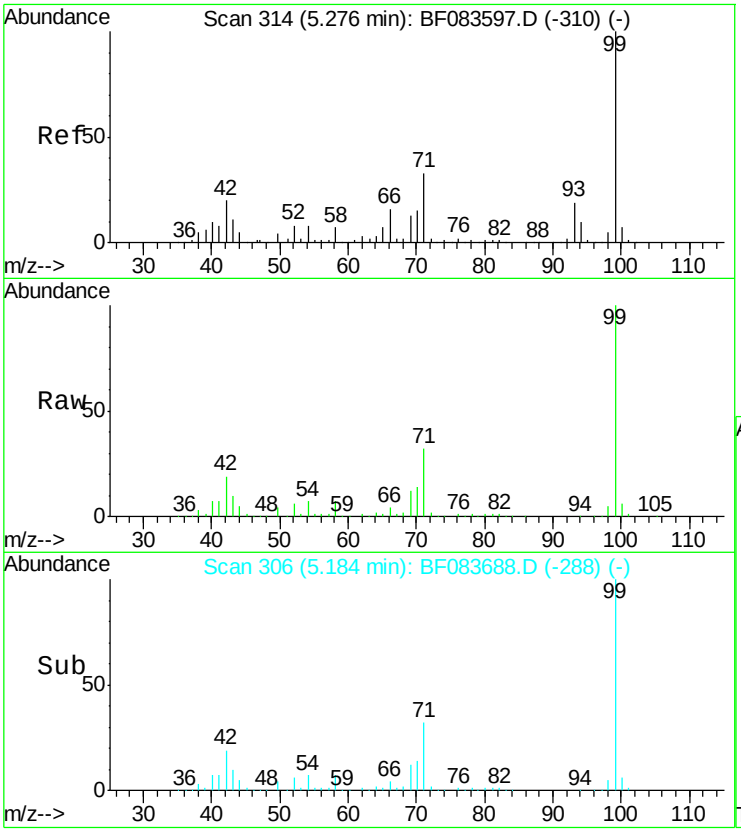


#5
2-Fluorophenol
Concen: 77.01 ng
RT: 3.90 min Scan# 194
Delta R.T. -0.07 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Tgt Ion:112 Resp: 682167

Ion	Ratio	Lower	Upper
112	100		
64	62.2	50.5	75.7
63	31.0	25.8	38.6



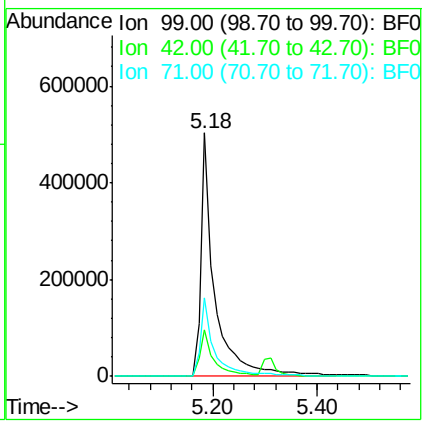


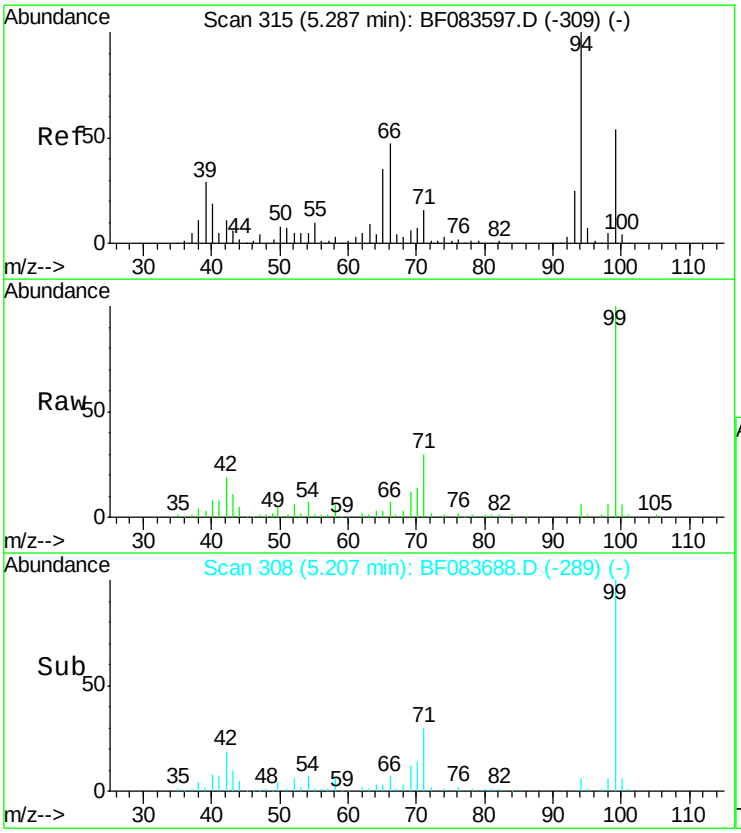
#7
Phenol-d6
Concen: 78.13 ng
RT: 5.18 min Scan# 306
Delta R.T. -0.09 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
DUP1-112415DL

Tgt Ion: 99 Resp: 924702

Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.3	25.9
71	32.1	26.6	40.0

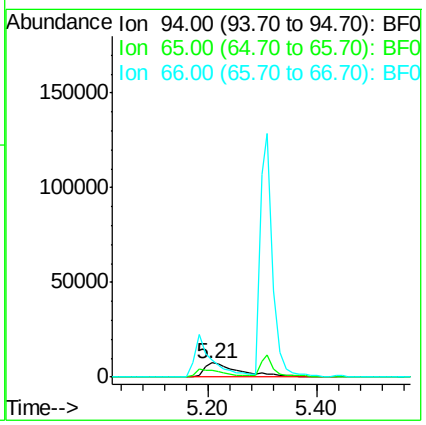


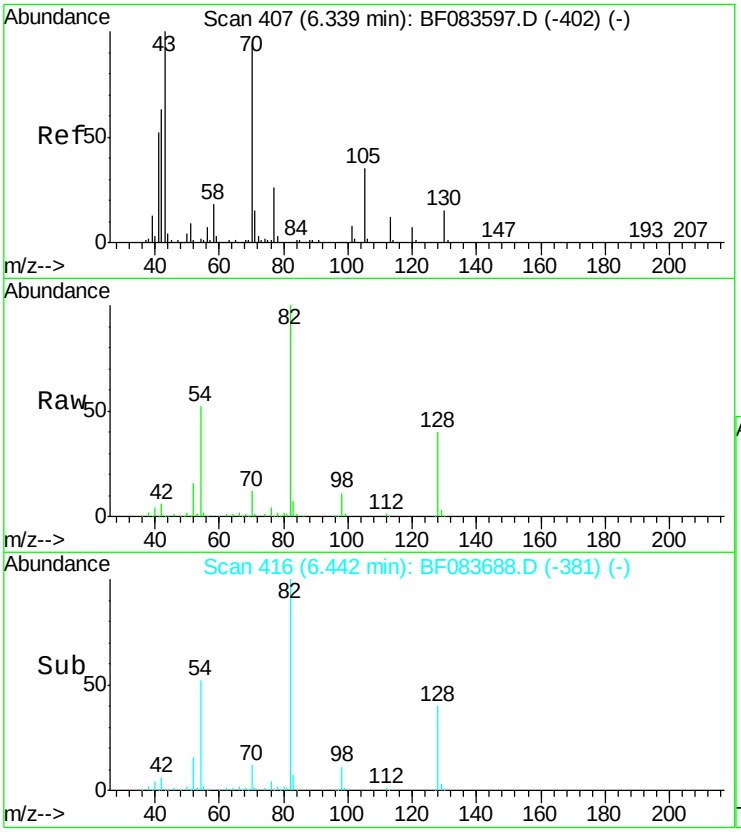


#10
Phenol
Concen: 2.44 ng
RT: 5.21 min Scan# 308
Delta R.T. -0.08 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Tgt Ion: 94 Resp: 34945

Ion	Ratio	Lower	Upper
94	100		
65	47.5	20.9	60.9
66	116.8	41.6	81.6#



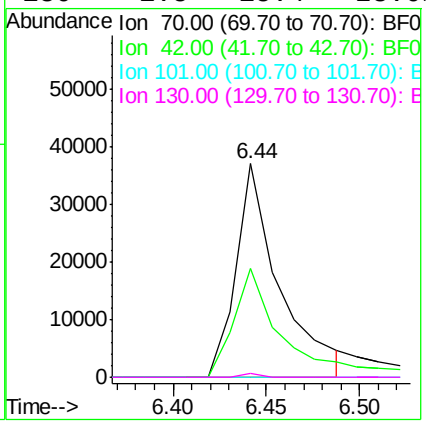


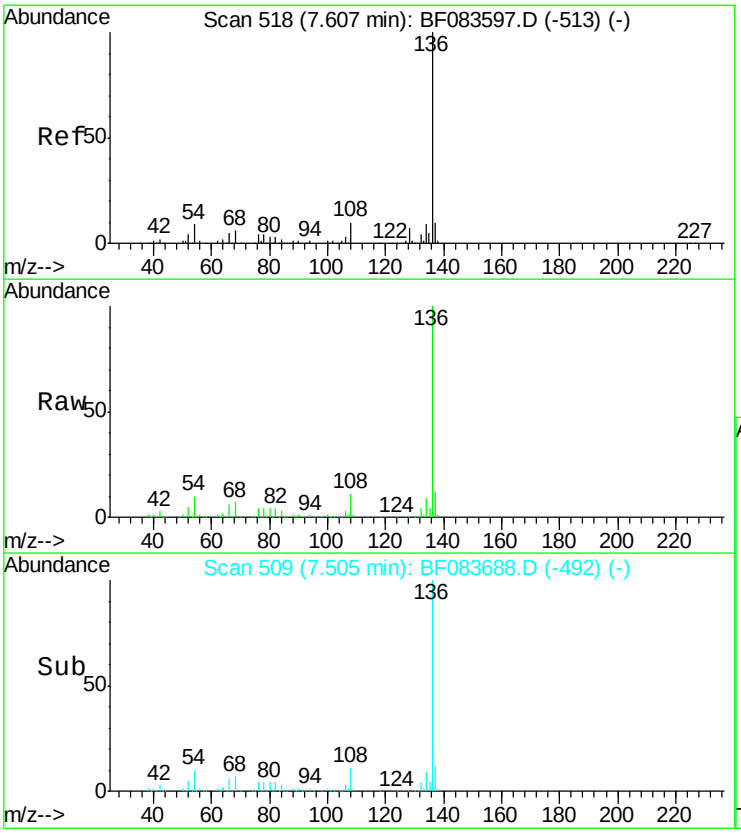
#19
n-Nitroso-di-n-propylamine
Concen: 7.29 ng
RT: 6.44 min Scan# 416
Delta R.T. 0.10 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
DUP1-112415DL

Tgt Ion: 70 Resp: 60183

Ion	Ratio	Lower	Upper
70	100		
42	50.8	49.2	73.8
101	0.0	7.1	10.7#
130	1.5	15.4	23.0#

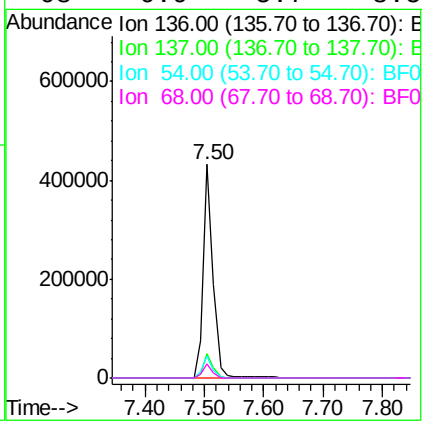


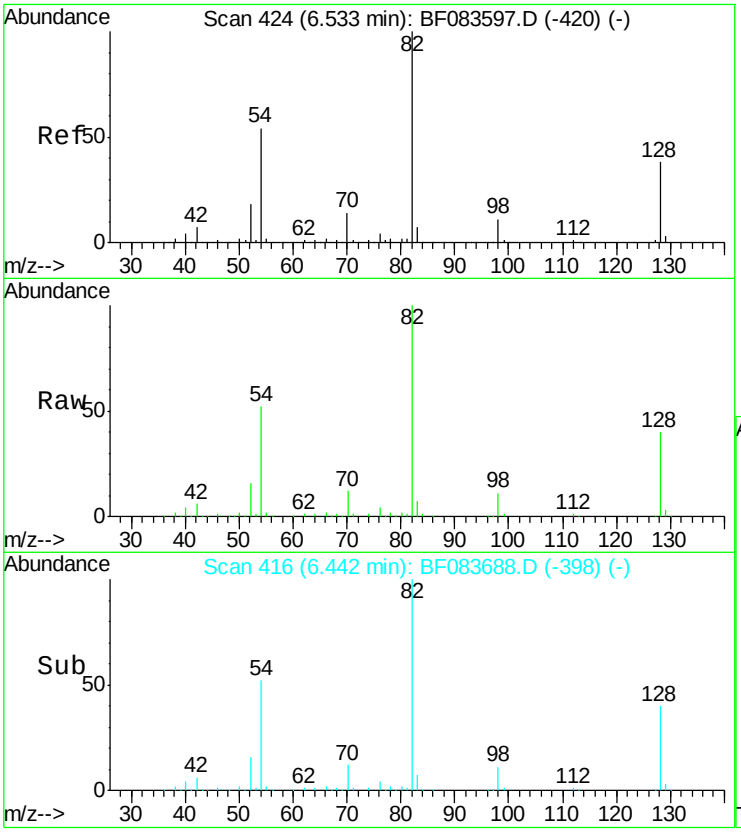


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.50 min Scan# 509
Delta R.T. -0.10 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Tgt Ion:136 Resp: 511762

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	10.3	7.8	11.6
68	6.9	5.7	8.5



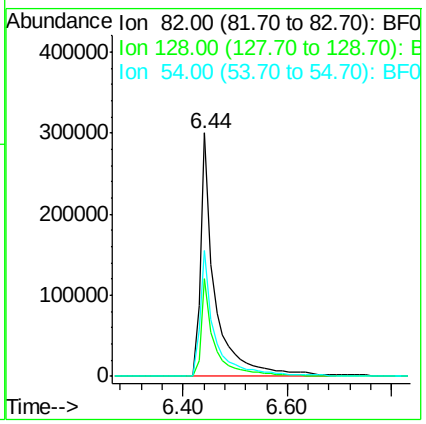


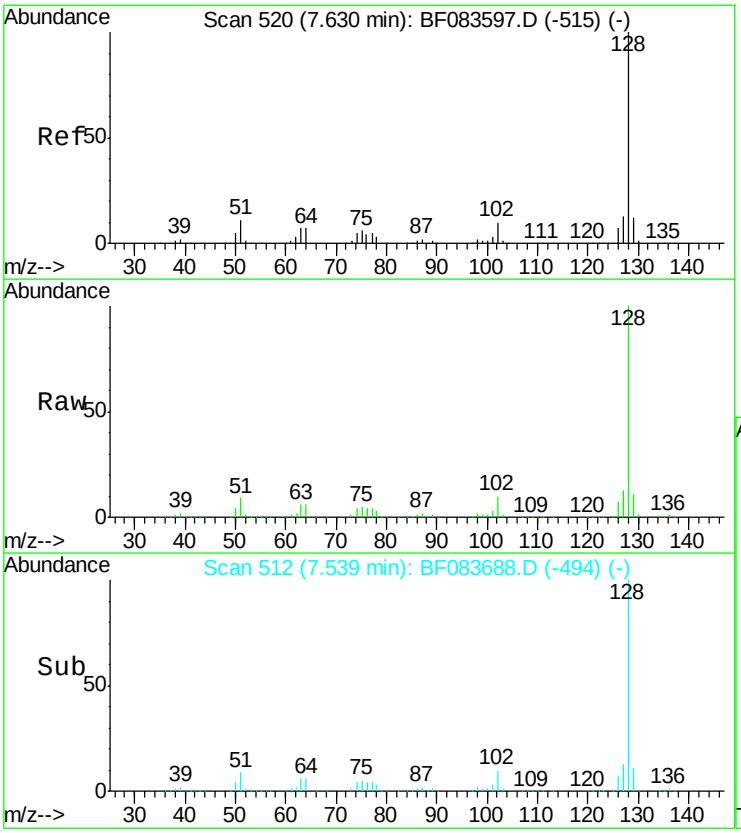
#23
Nitrobenzene-d5
Concen: 52.87 ng
RT: 6.44 min Scan# 416
Delta R.T. -0.09 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
DUP1-112415DL

Tgt Ion: 82 Resp: 579861

Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.7	46.1
54	51.6	42.5	63.7

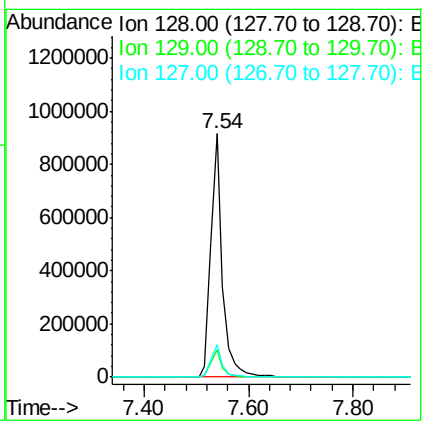


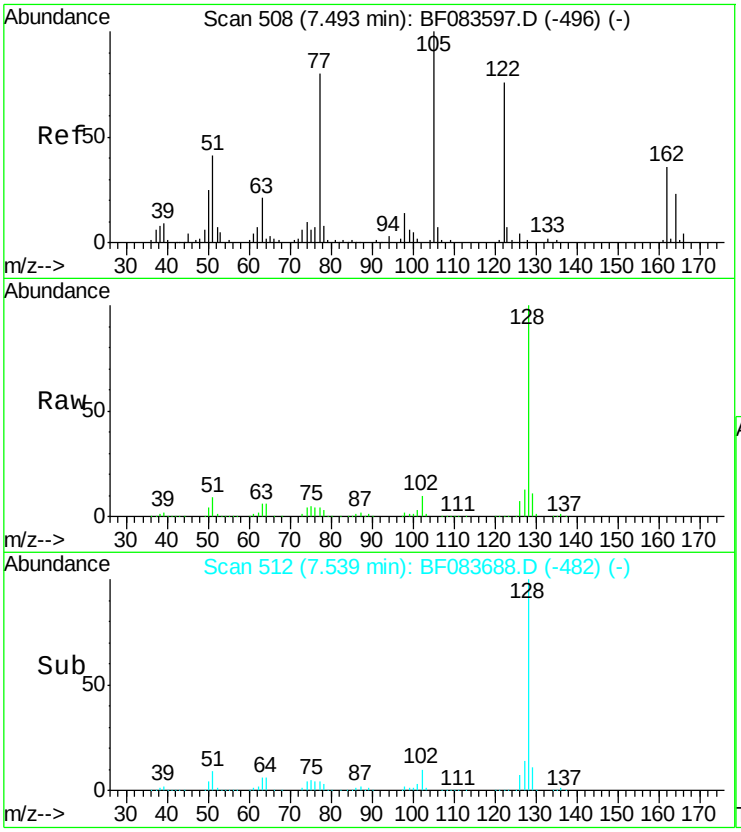


#31
Naphthalene
Concen: 52.15 ng
RT: 7.54 min Scan# 512
Delta R.T. -0.09 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Tgt Ion:128 Resp: 1413415

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.5	10.6	16.0



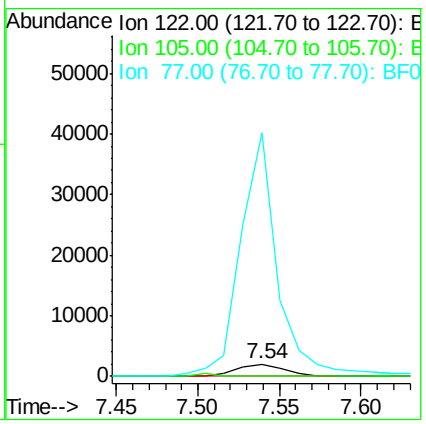


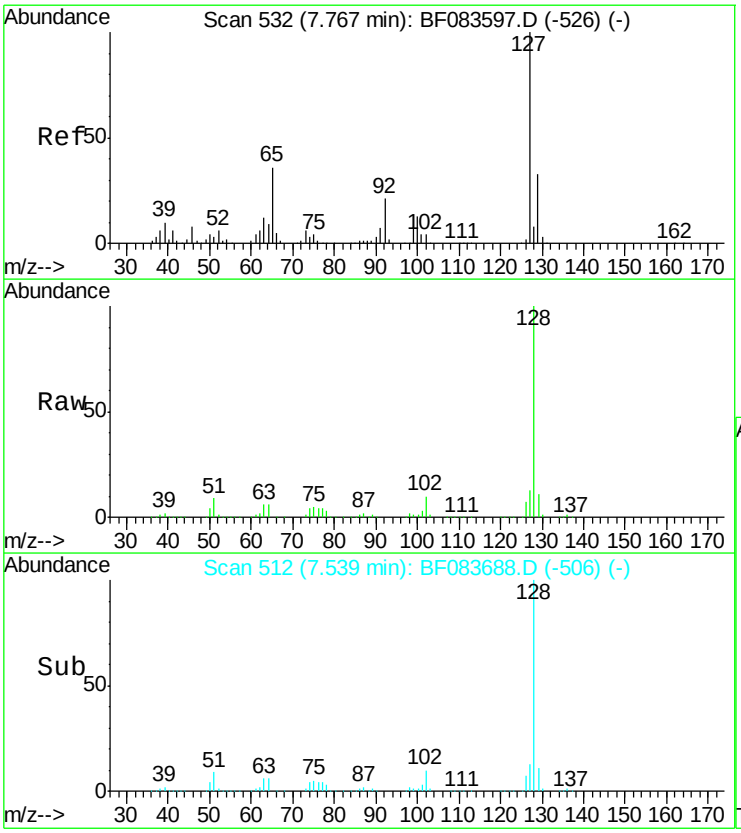
#32
Benzoic acid
Concen: 3.73 ng
RT: 7.54 min Scan# 512
Delta R.T. 0.05 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
DUP1-112415DL

Tgt Ion:122 Resp: 3990

Ion	Ratio	Lower	Upper
122	100		
105	0.0	105.6	145.6#
77	2008.0	86.8	126.8#

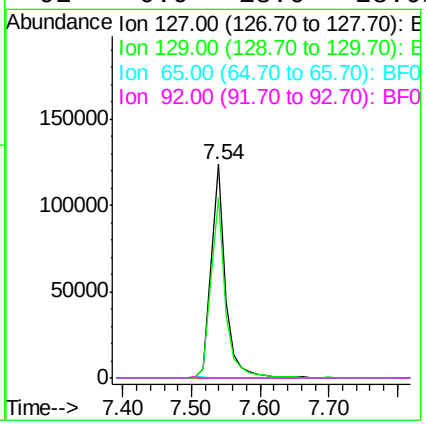


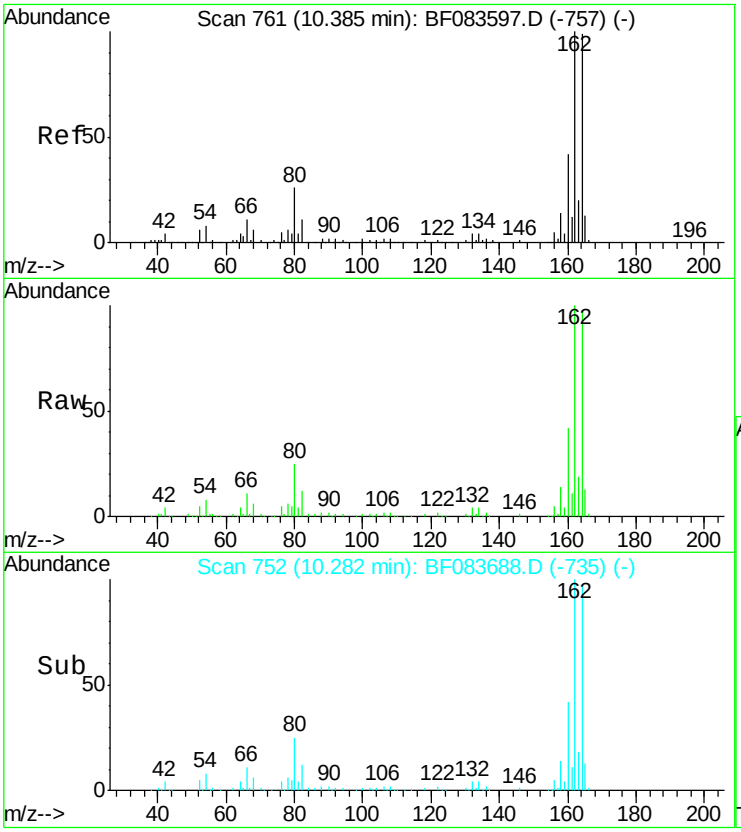


#33
4-Chloroaniline
Concen: 18.63 ng
RT: 7.54 min Scan# 512
Delta R.T. -0.23 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Tgt Ion:127 Resp: 184175

Ion	Ratio	Lower	Upper
127	100		
129	84.3	26.1	39.1#
65	0.0	33.5	50.3#
92	0.0	18.6	28.0#



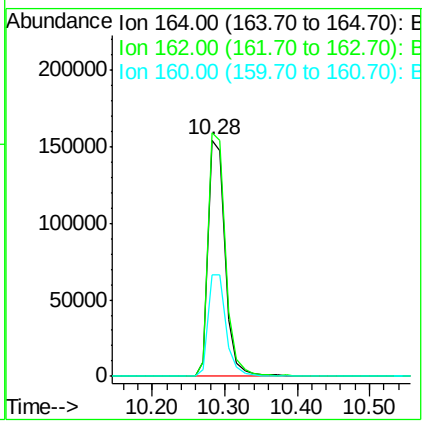


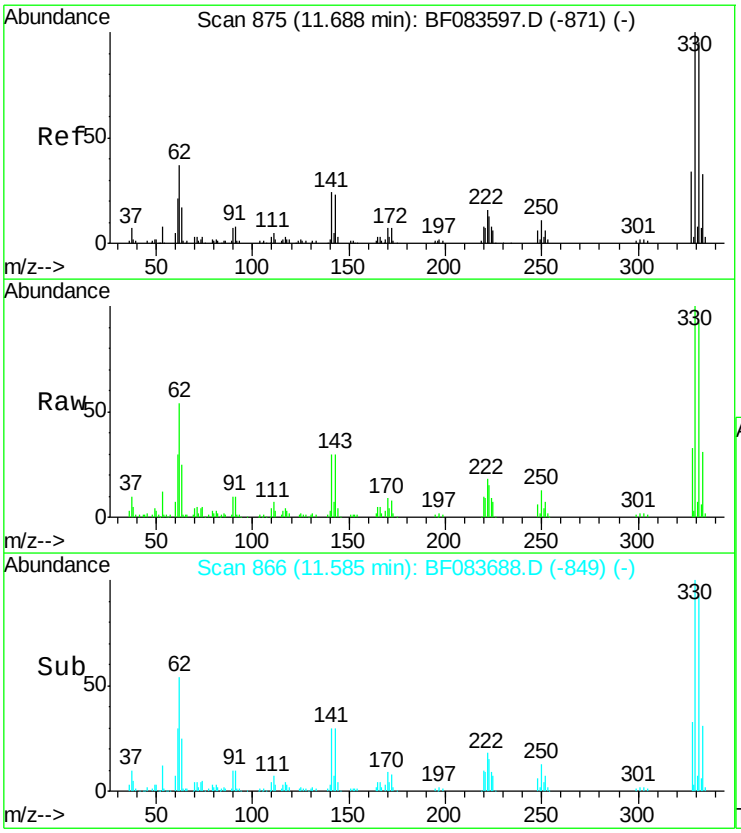
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.10 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
DUP1-112415DL

Tgt Ion:164 Resp: 252955

Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.8	118.2
160	43.1	33.4	50.2

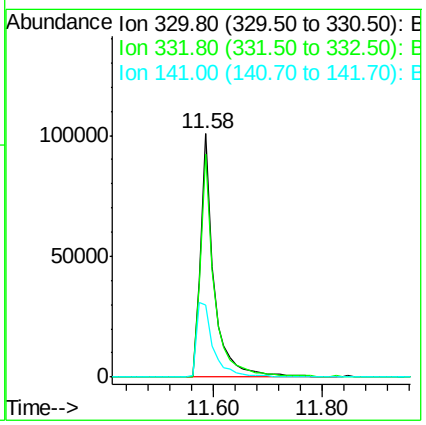


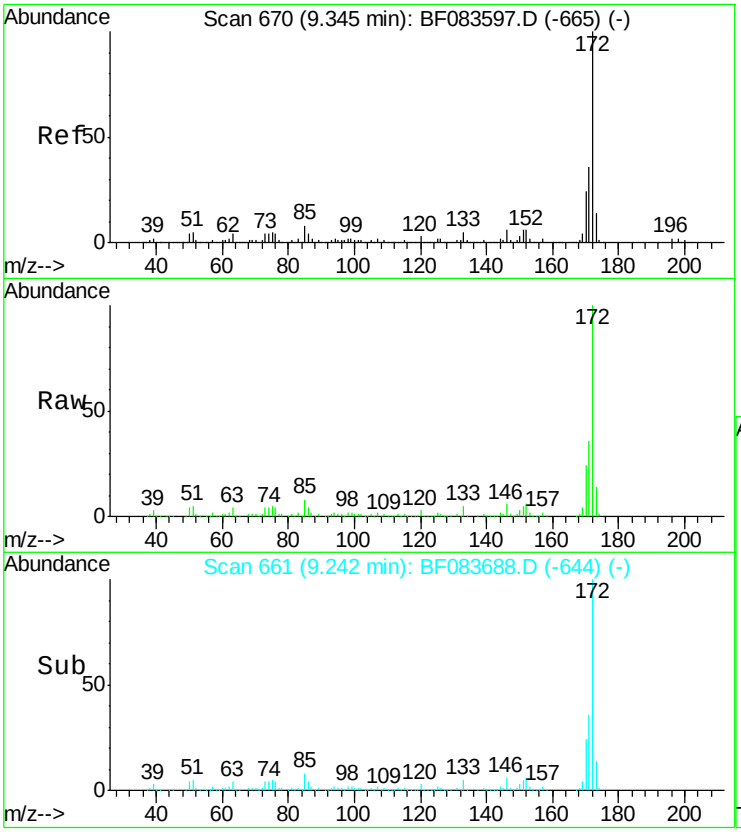


#41
2,4,6-Tribromophenol
Concen: 76.51 ng
RT: 11.58 min Scan# 866
Delta R.T. -0.10 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Tgt Ion:330 Resp: 172431

Ion	Ratio	Lower	Upper
330	100		
332	94.1	0.0	0.0#
141	37.7	0.0	0.0#



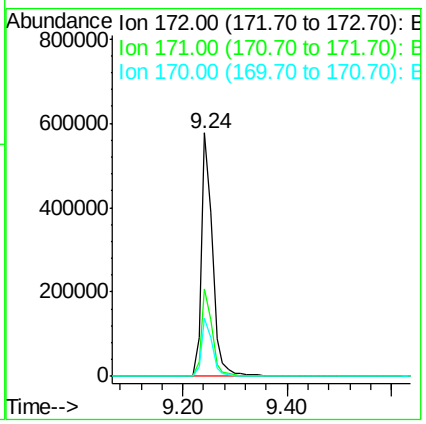


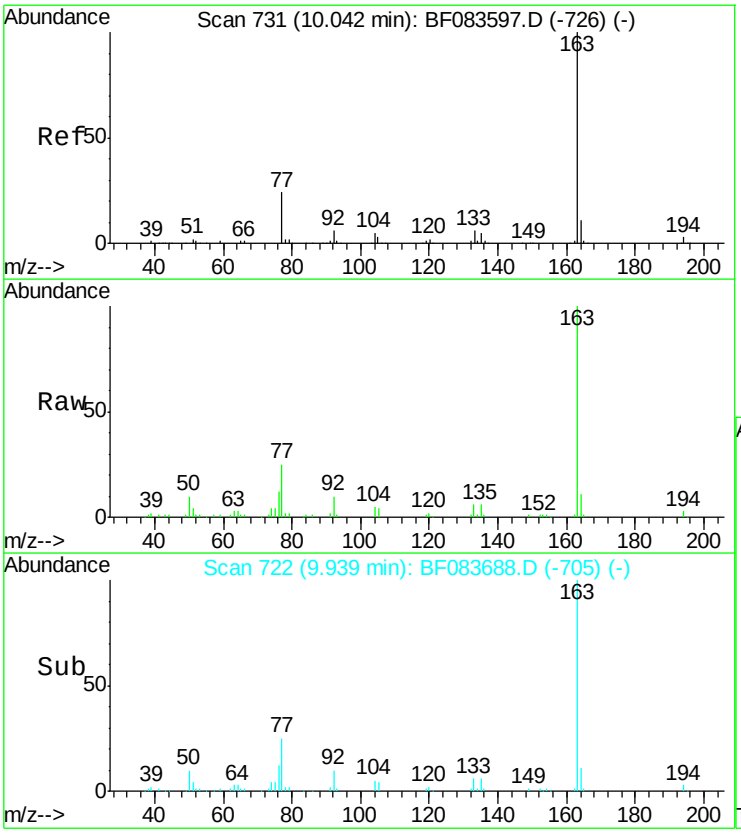
#44
2-Fluorobiphenyl
Concen: 47.03 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.10 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
DUP1-112415DL

Tgt Ion:172 Resp: 845261

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.9	19.4	29.0

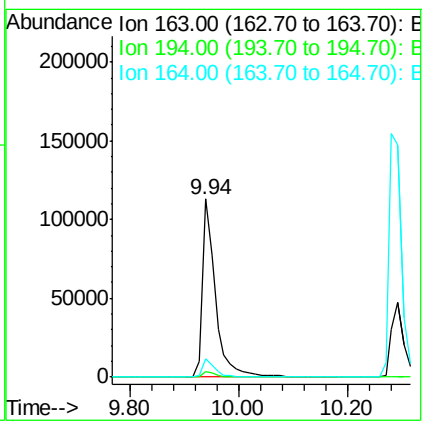


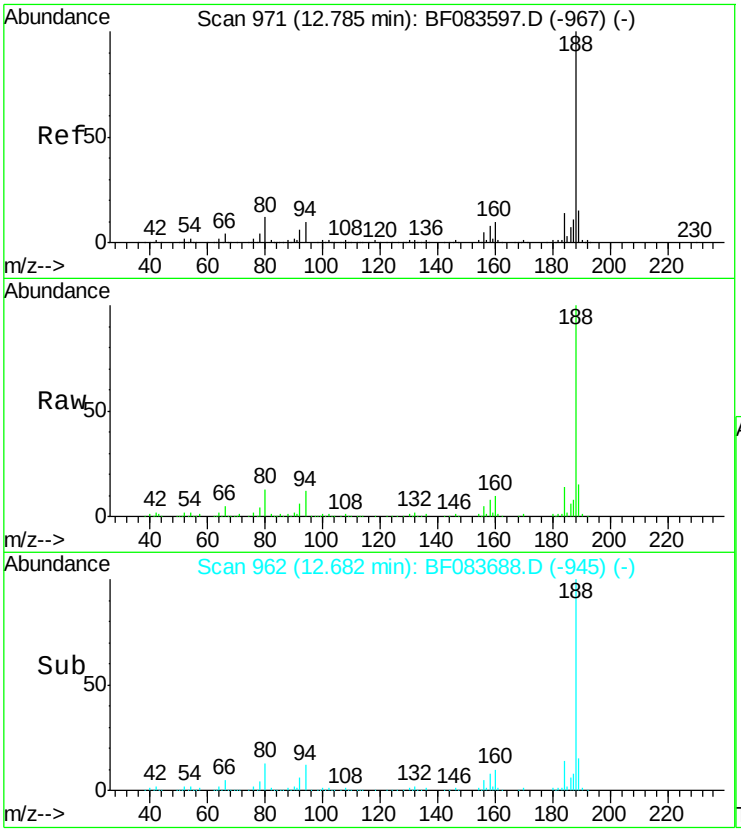


#49
Dimethylphthalate
Concen: 9.30 ng
RT: 9.94 min Scan# 722
Delta R.T. -0.10 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Tgt Ion:163 Resp: 187237

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.5	8.6	13.0



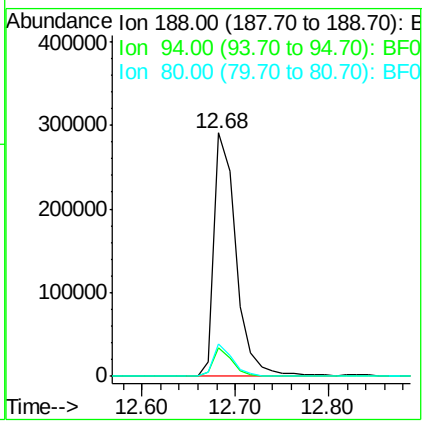


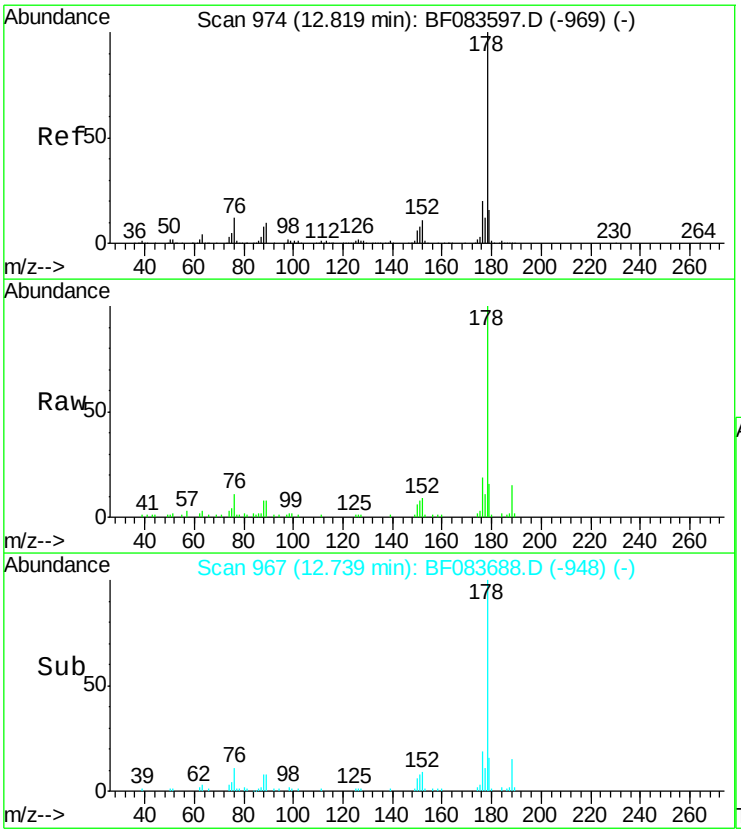
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.68 min Scan# 962
Delta R.T. -0.10 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
DUP1-112415DL

Tgt Ion:188 Resp: 476410

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	13.5	10.6	16.0

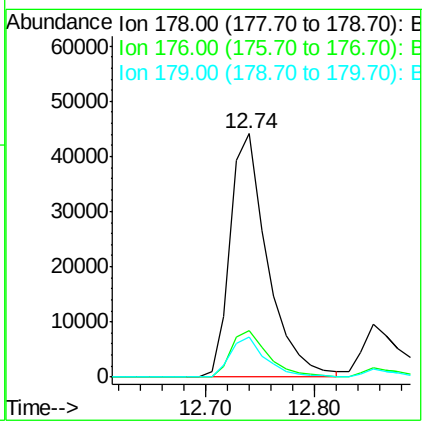


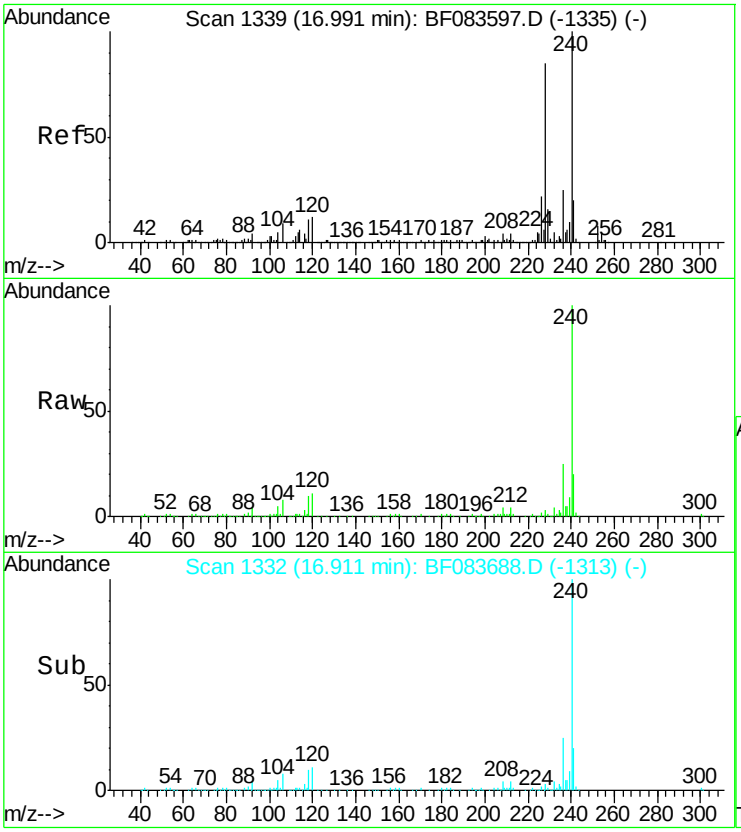


#70
Phenanthrene
Concen: 3.82 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.08 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Tgt Ion:178 Resp: 104690

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	16.2	12.2	18.4



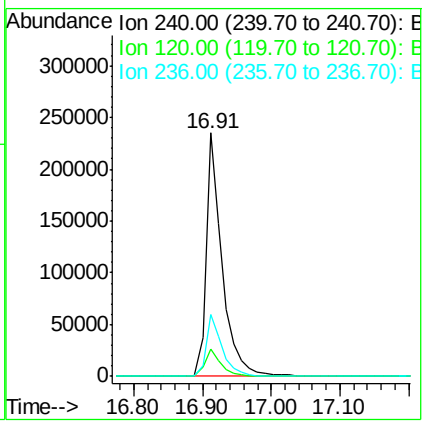


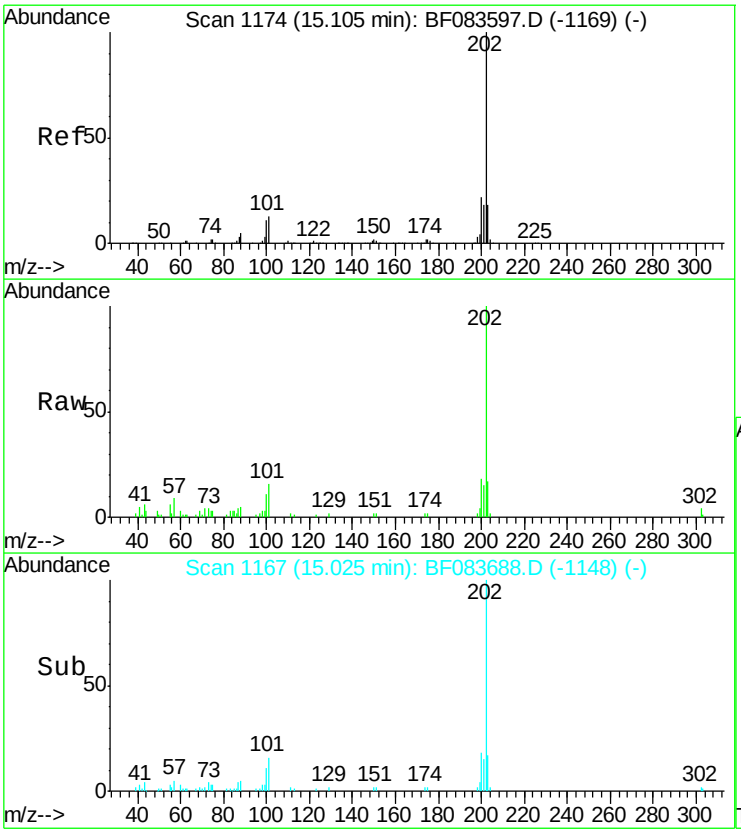
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.91 min Scan# 1332
Delta R.T. -0.08 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
DUP1-112415DL

Tgt Ion:240 Resp: 379608

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	25.4	20.8	31.2

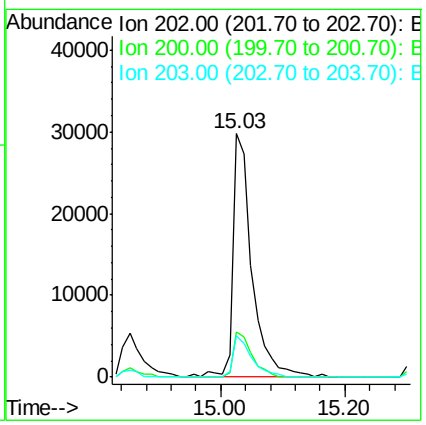


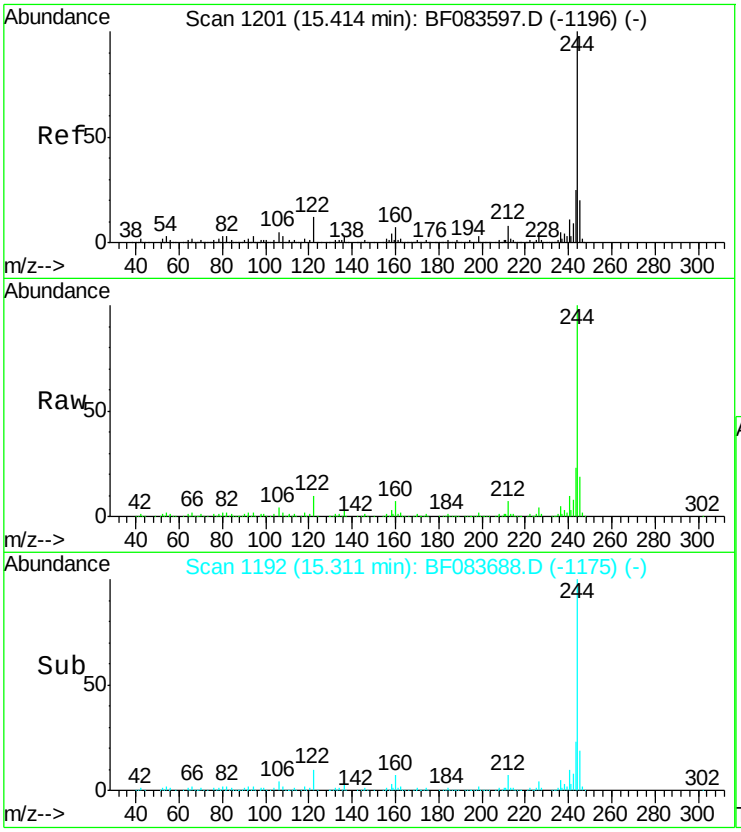


#77
Pyrene
Concen: 2.32 ng
RT: 15.03 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Tgt Ion:202 Resp: 63371

Ion	Ratio	Lower	Upper
202	100		
200	18.5	16.7	25.1
203	17.0	14.3	21.5



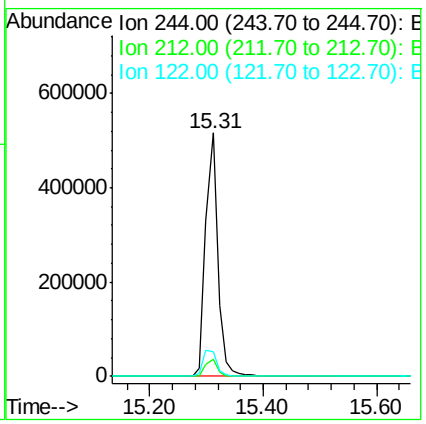


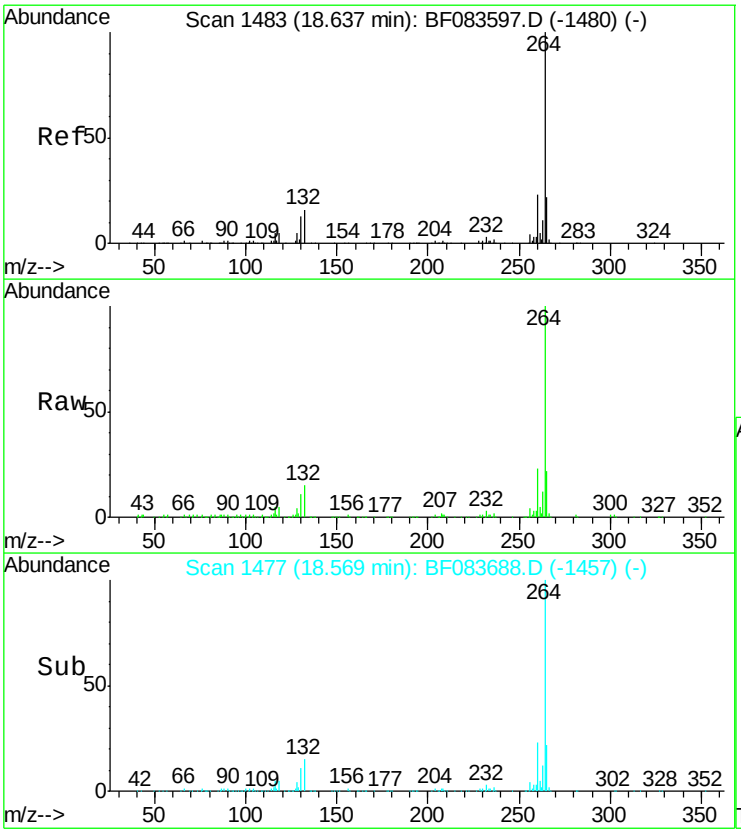
#78
Terphenyl-d14
Concen: 45.67 ng
RT: 15.31 min Scan# 1192
Delta R.T. -0.10 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Instrument :
BNA_F
ClientSampleId :
DUP1-112415DL

Tgt Ion:244 Resp: 736801

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	10.4	11.0	16.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.57 min Scan# 1477
Delta R.T. -0.07 min
Lab File: BF083688.D
Acq: 10 Dec 2015 21:31

Tgt Ion:264 Resp: 298324

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	21.7	17.8	26.6