Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
Data File : BF083873.D
Acq On : 17 Dec 2015 7:44
Operator : UM/SJ
Sample : G4800-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 17 12:10:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	84440	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	344418	20.00	ng		-0.03
38) Acenaphthene-d10	9.93	164	160152	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	288602	20.00	ng		-0.03
75) Chrysene-d12	14.04	240	199005	20.00	ng		-0.03
86) Perylene-d12	15.49	264	164533	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	353418	67.52	ng		-0.02
7) Phenol-d6	6.52	99	290004	43.75	ng		-0.02
23) Nitrobenzene-d5	7.46	82	620611	100.81	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	252325	154.62	ng		-0.02
44) 2-Fluorobiphenyl	9.25	172	979218	91.87	ng		-0.03
78) Terphenyl-d14	13.00	244	937594	101.35	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	12582	3.53	ng		90
19) n-Nitroso-di-n-propylamine	7.46	70	85987	21.19	ng	#	68
25) Isophorone	7.46	82	589276	48.79	ng	#	69
66) 4-Bromophenyl-phenylether	10.72	248	15723	4.87	ng	#	1

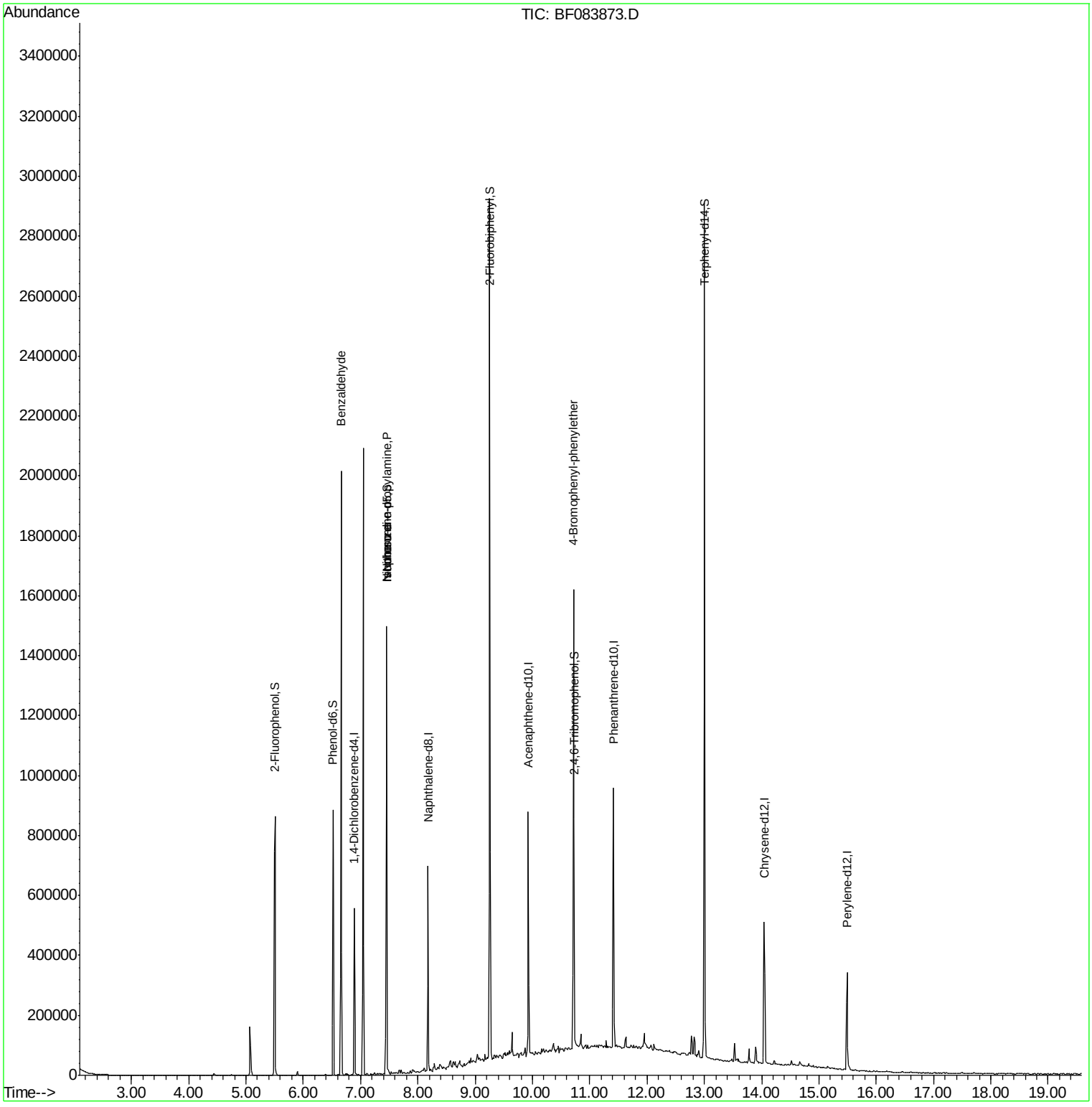
(#) = qualifier out of range (m) = manual integration (+) = signals summed

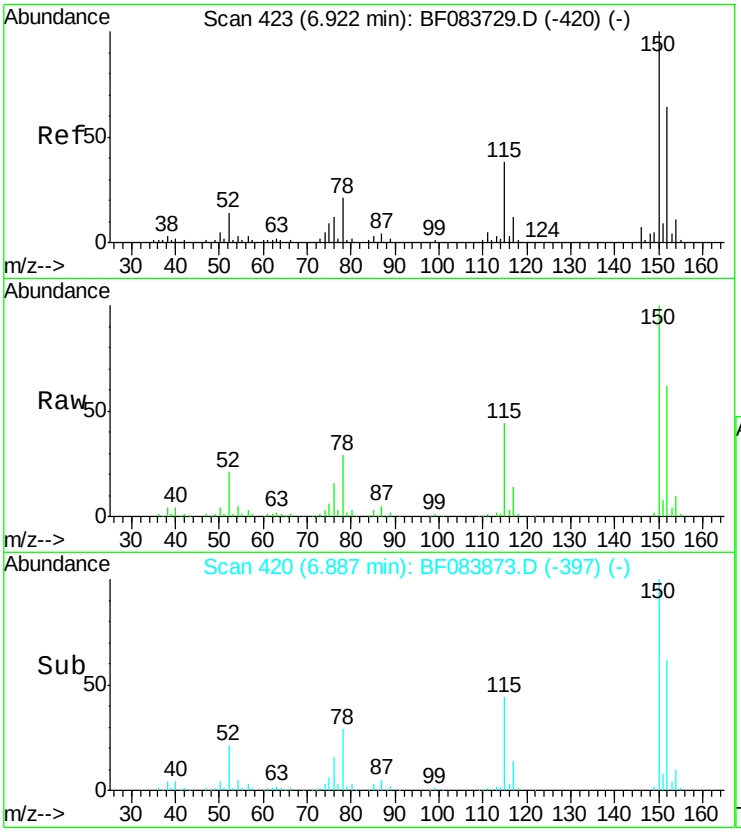
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
Data File : BF083873.D
Acq On : 17 Dec 2015 7:44
Operator : UM/SJ
Sample : G4800-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 17 12:10:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration



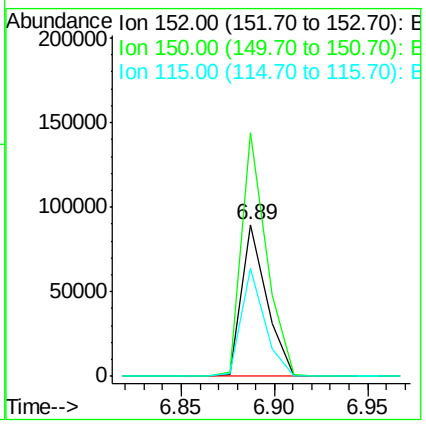


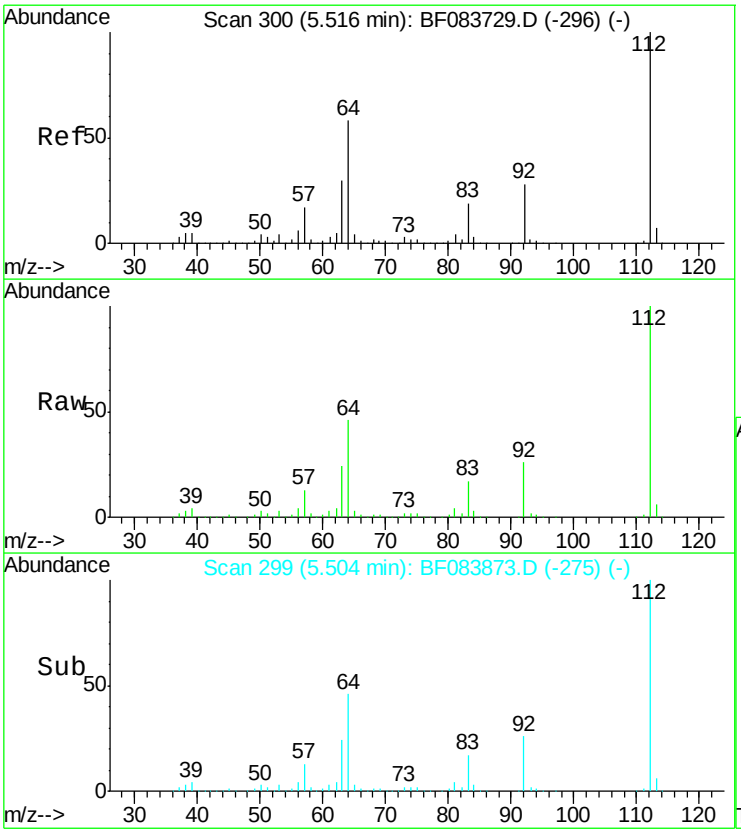
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 84440

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.5	189.7
115	70.7	52.3	78.5

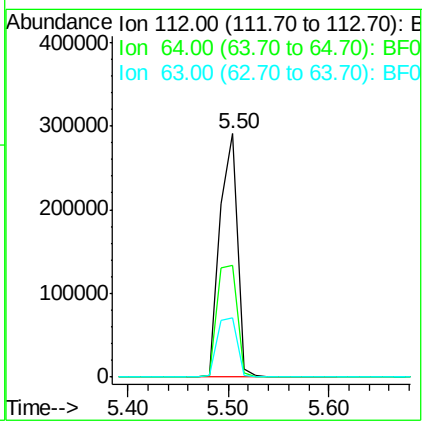


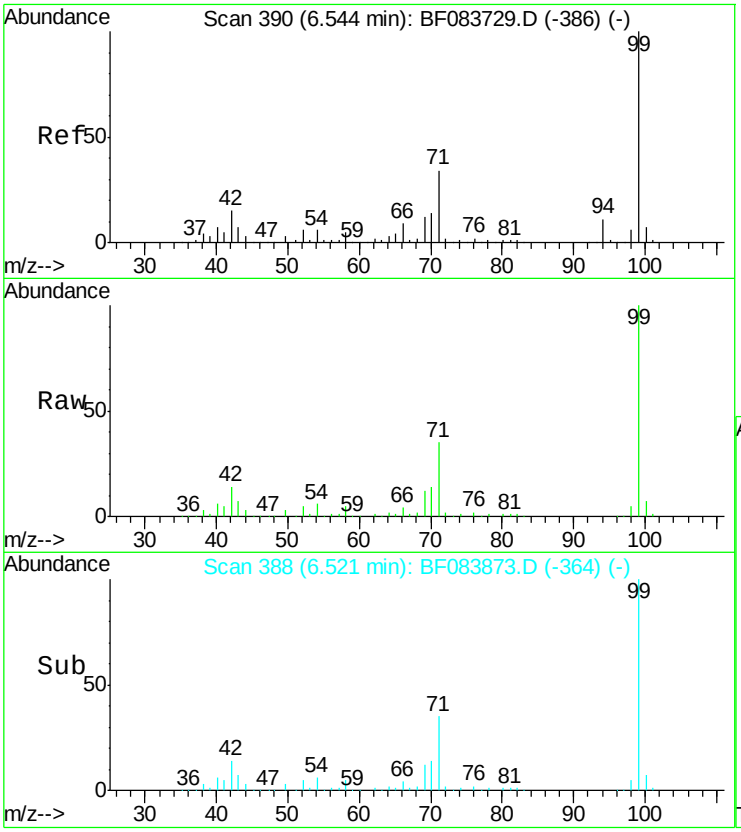


#5
2-Fluorophenol
Concen: 67.52 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Tgt Ion:112 Resp: 353418

Ion	Ratio	Lower	Upper
112	100		
64	45.9	50.5	75.7#
63	24.1	25.8	38.6#



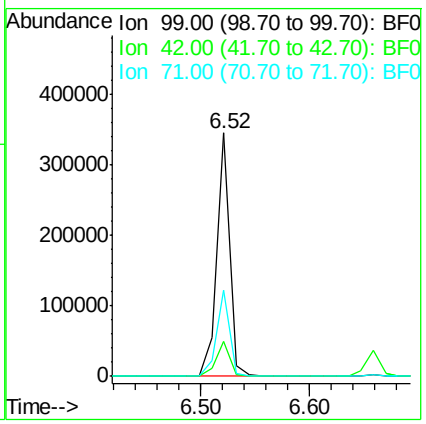


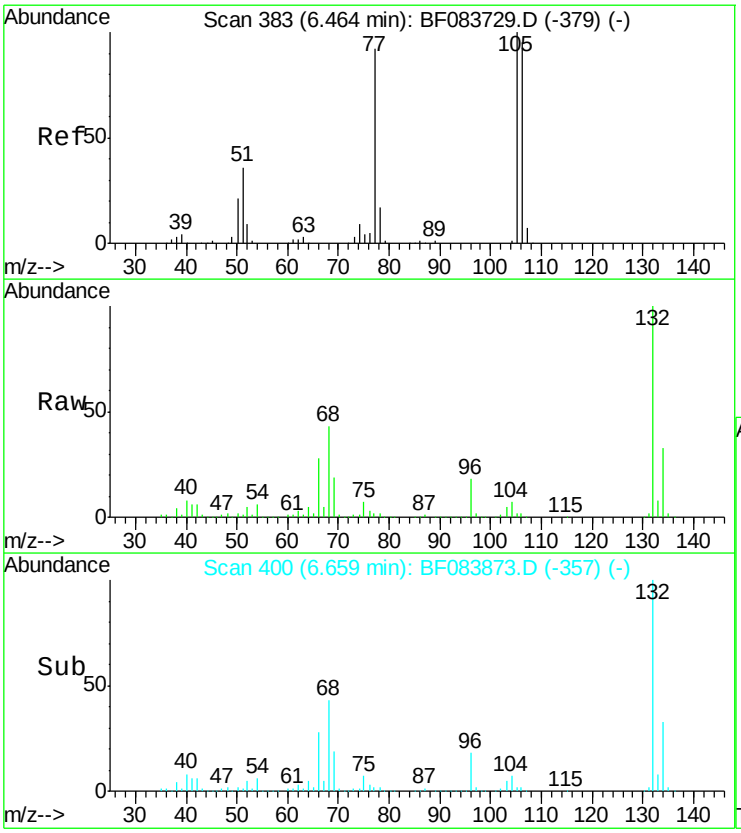
#7
Phenol-d6
Concen: 43.75 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 290004

Ion	Ratio	Lower	Upper
99	100		
42	14.1	17.3	25.9#
71	35.4	26.6	40.0

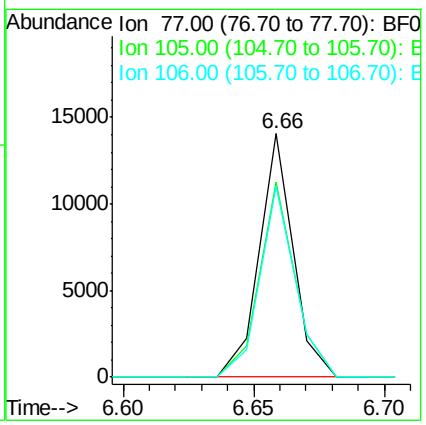


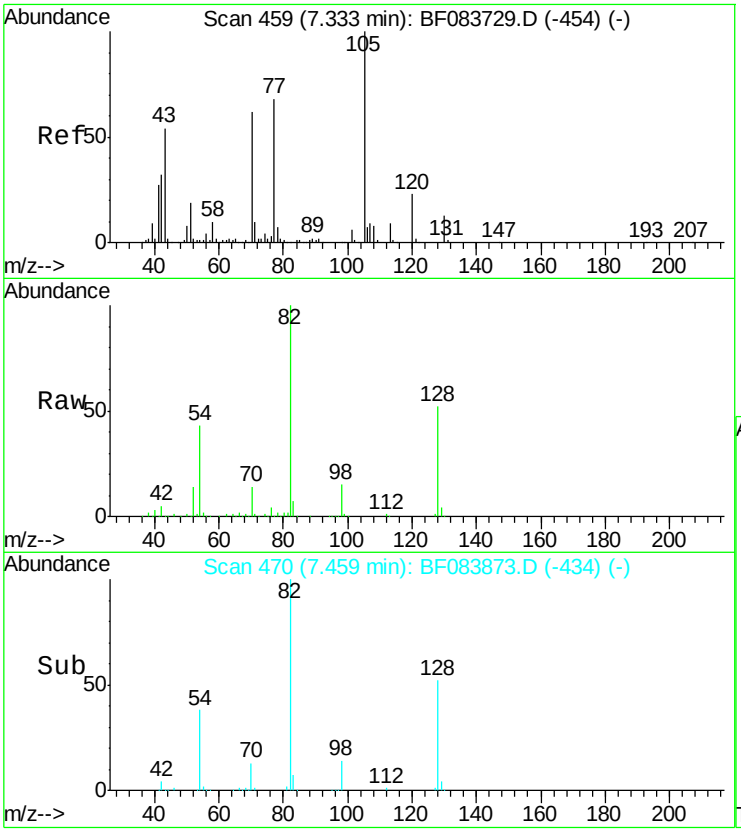


#9
Benzaldehyde
Concen: 3.53 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.19 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Tgt Ion: 77 Resp: 12582

Ion	Ratio	Lower	Upper
77	100		
105	80.2	71.8	111.8
106	78.8	66.8	106.8



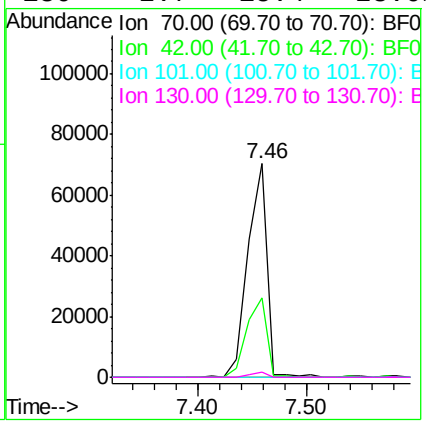


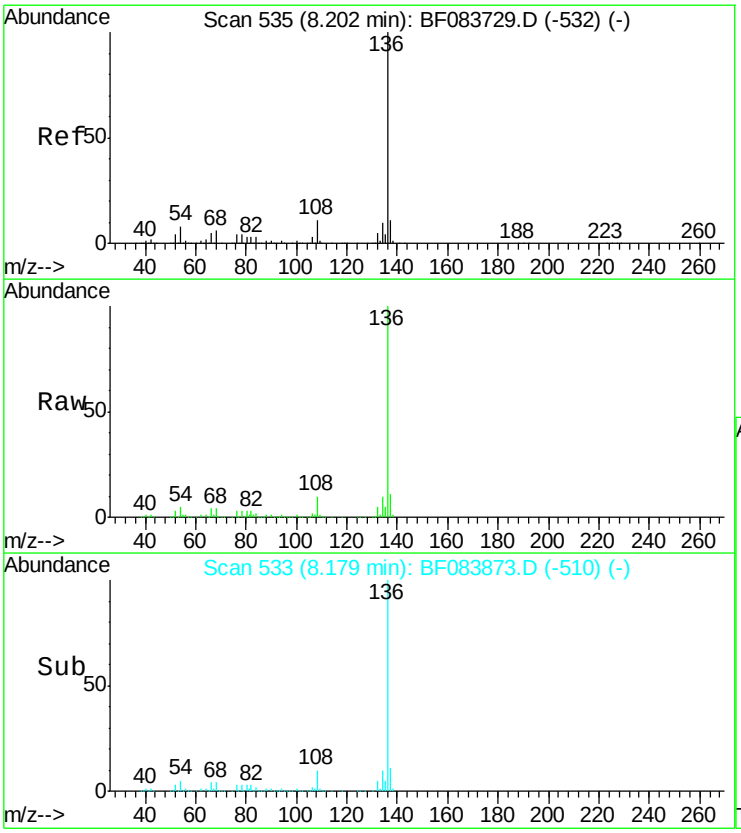
#19
n-Nitroso-di-n-propylamine
Concen: 21.19 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 85987

Ion	Ratio	Lower	Upper
70	100		
42	37.4	49.2	73.8#
101	0.0	7.1	10.7#
130	2.7	15.4	23.0#

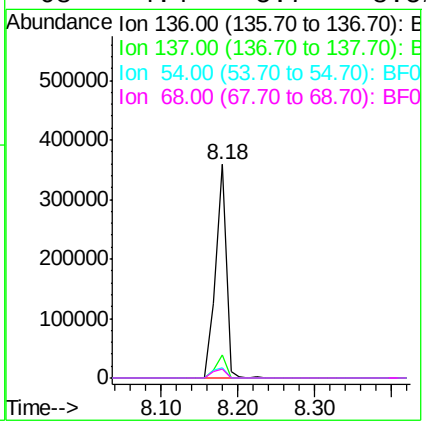


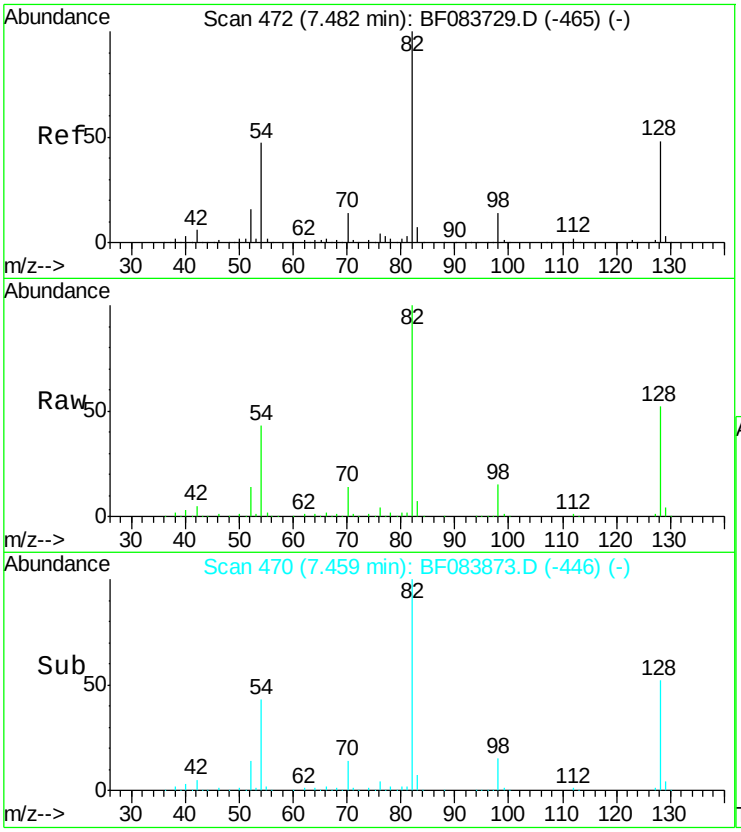


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Tgt Ion:136 Resp: 344418

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.0	7.8	11.6#
68	4.4	5.7	8.5#



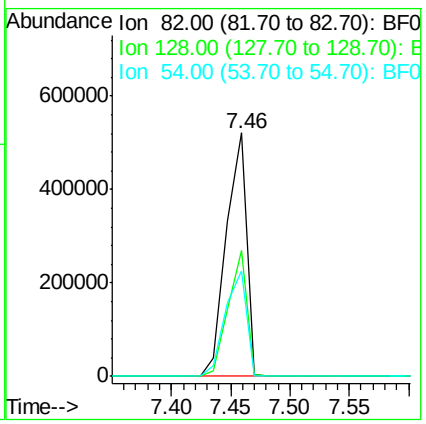


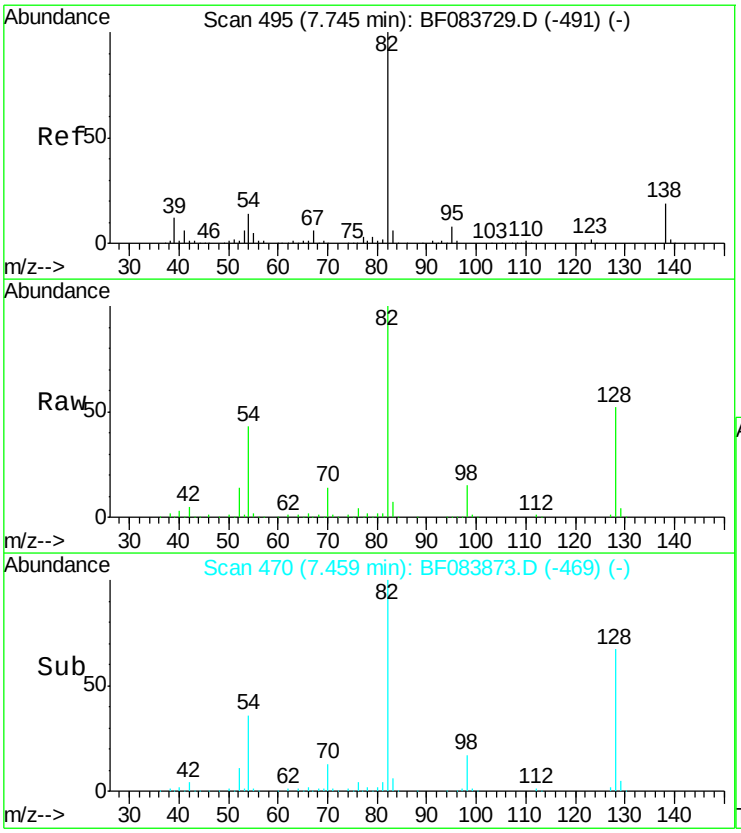
#23
Nitrobenzene-d5
Concen: 100.81 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 620611

Ion	Ratio	Lower	Upper
82	100		
128	51.5	30.7	46.1#
54	43.0	42.5	63.7

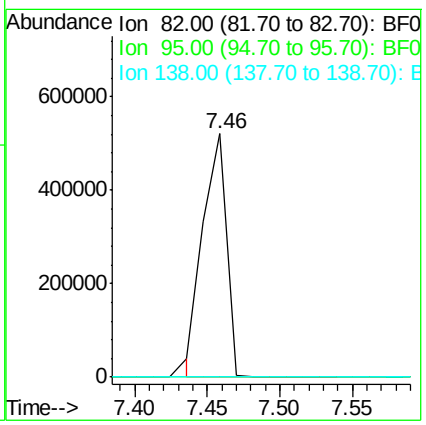


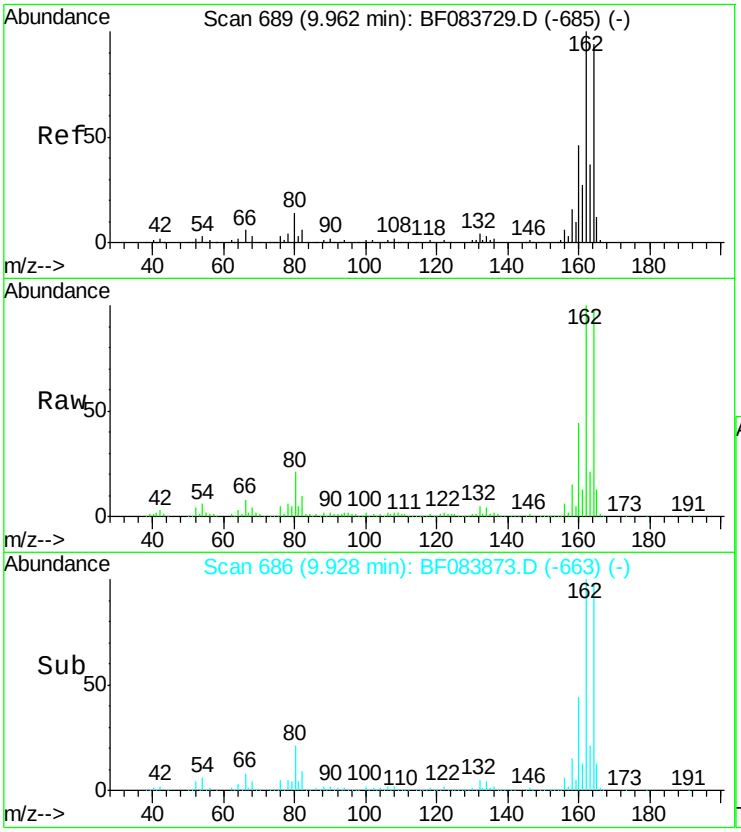


#25
Isophorone
Concen: 48.79 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.29 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Tgt Ion: 82 Resp: 589276

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.0	7.4#
138	0.0	12.1	18.1#



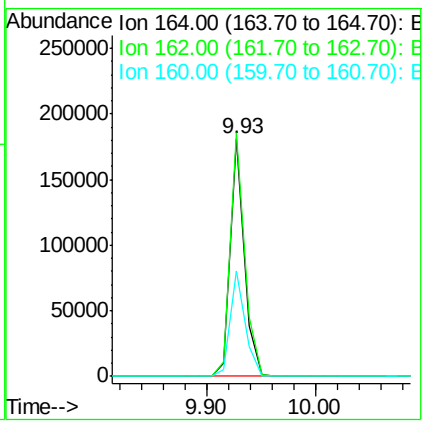


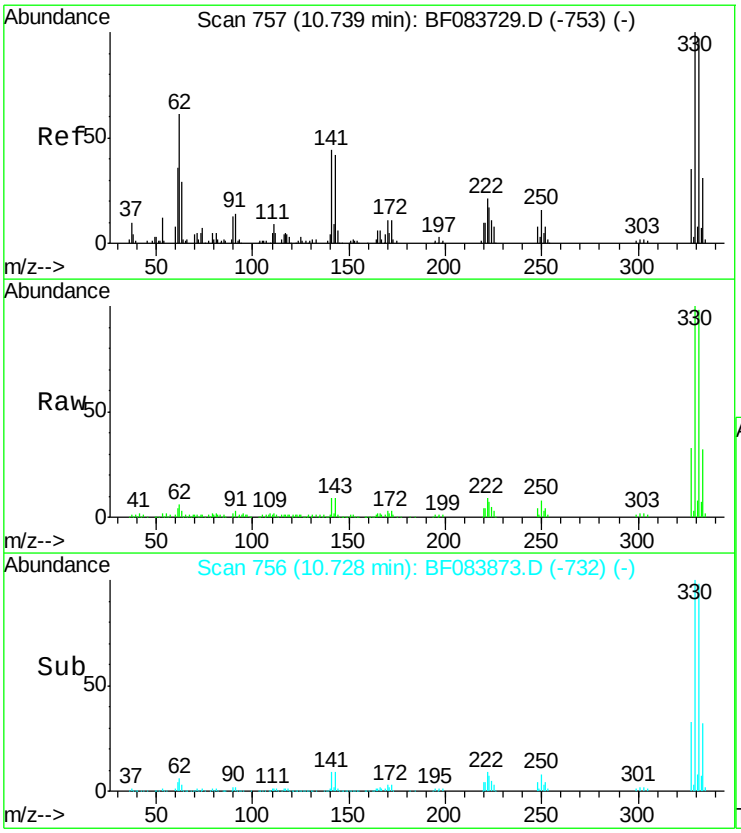
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 160152

Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	44.6	33.4	50.2

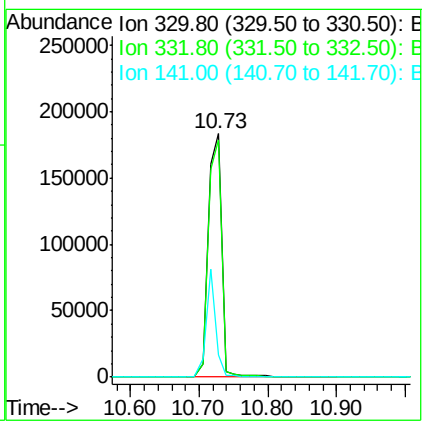


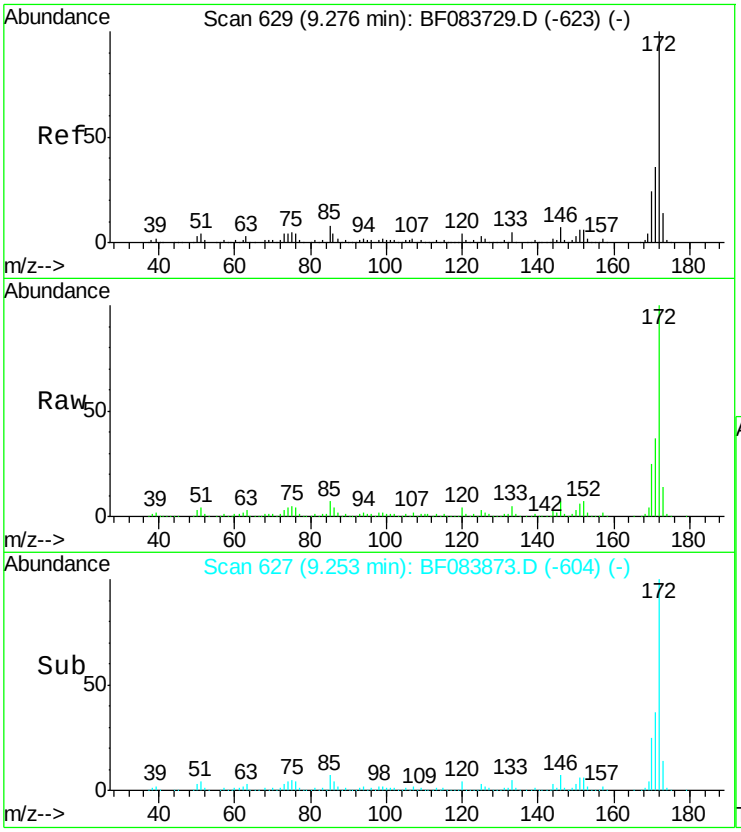


#41
2,4,6-Tribromophenol
Concen: 154.62 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Tgt Ion:330 Resp: 252325

Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	31.2	0.0	0.0#



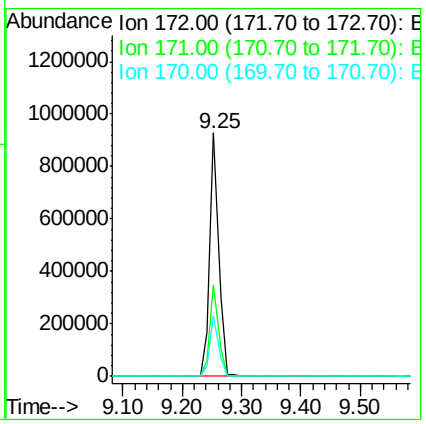


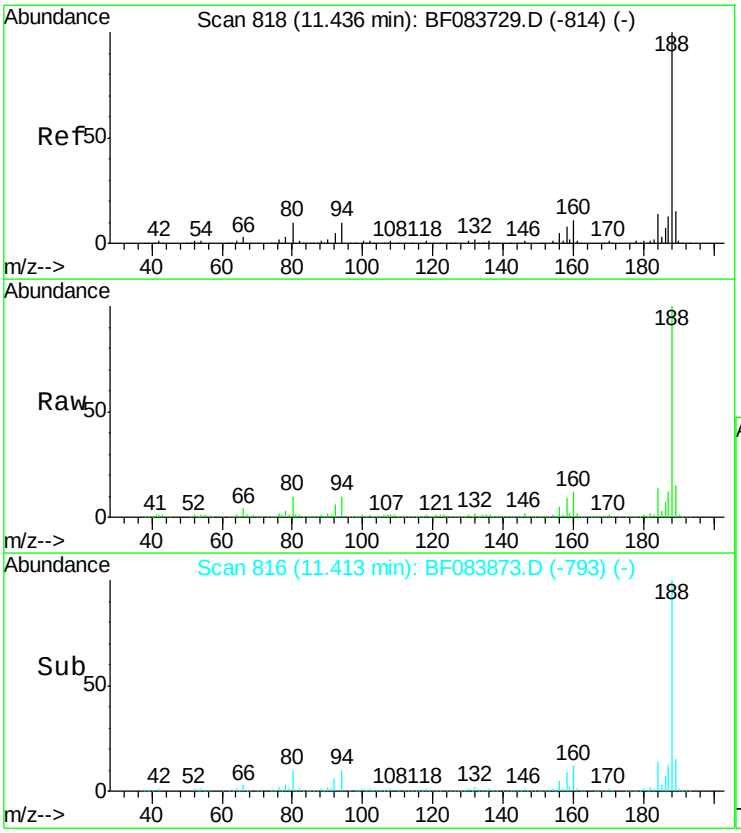
#44
2-Fluorobiphenyl
Concen: 91.87 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.03 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 979218

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	42.8
170	24.8	19.4	29.0

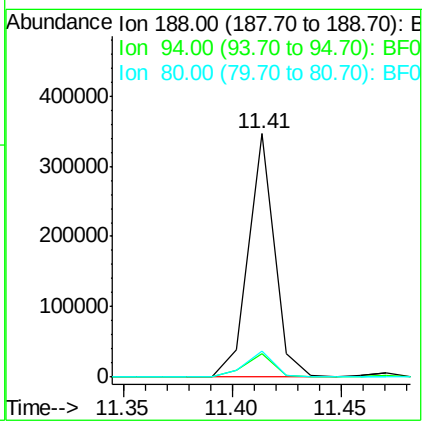


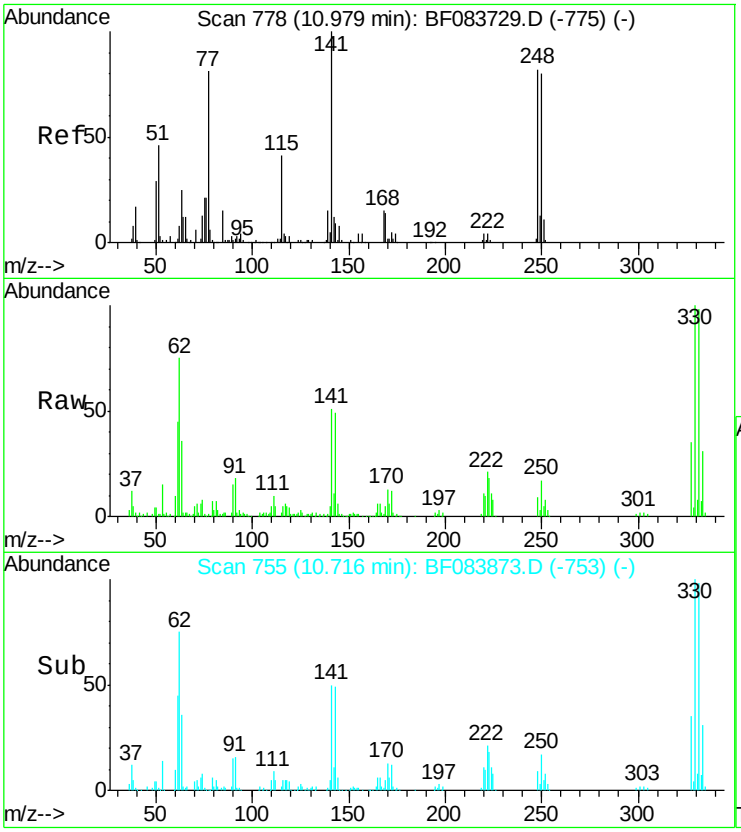


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Tgt Ion:188 Resp: 288602

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.5	10.6	16.0#



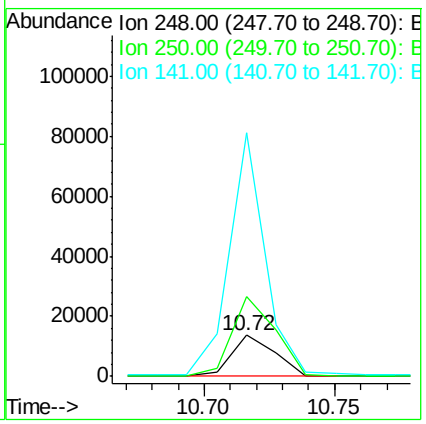


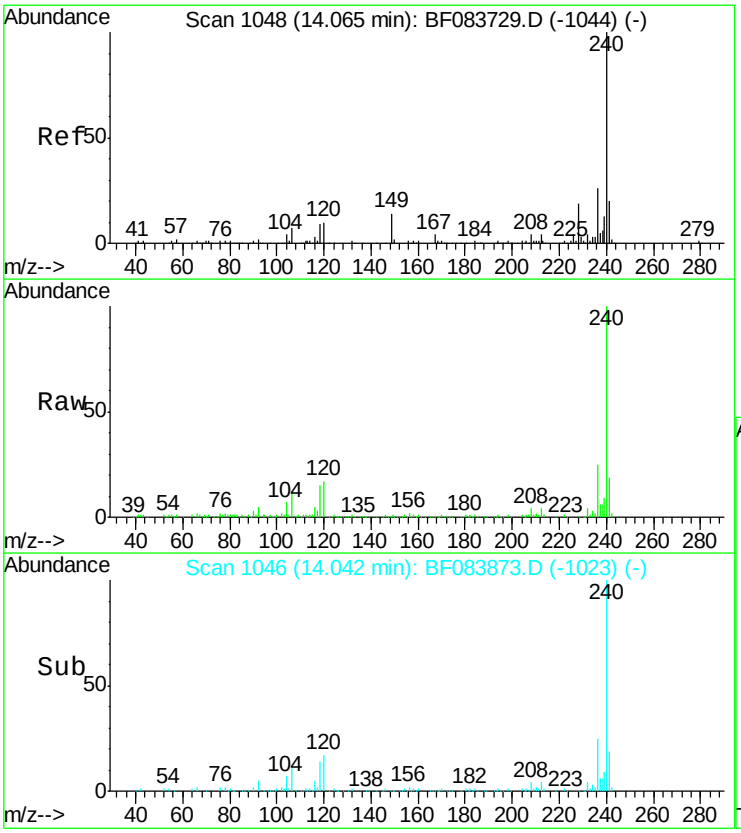
#66
4-Bromophenyl-phenylether
Concen: 4.87 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.27 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15723

Ion	Ratio	Lower	Upper
248	100		
250	193.6	79.2	118.8#
141	594.0	58.2	87.4#

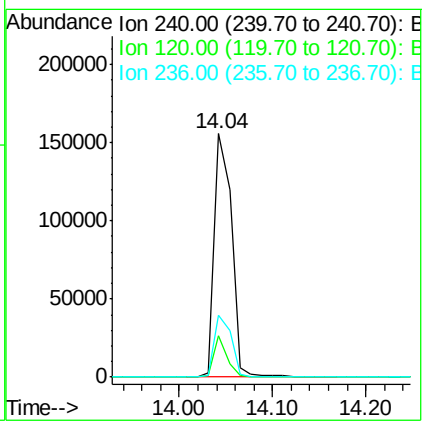


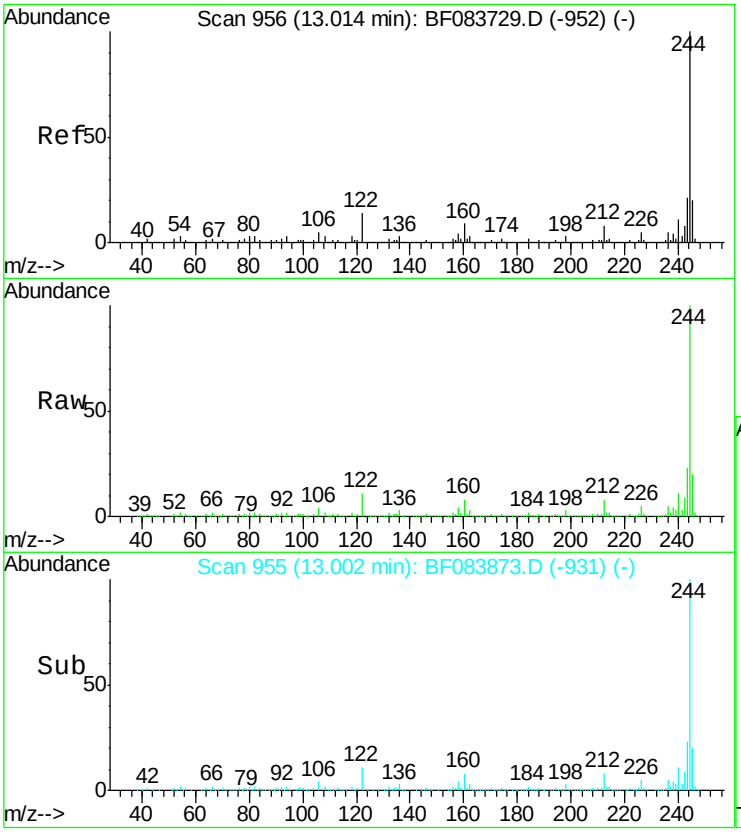


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Tgt Ion:240 Resp: 199005

Ion	Ratio	Lower	Upper
240	100		
120	17.1	8.1	12.1#
236	25.3	20.8	31.2



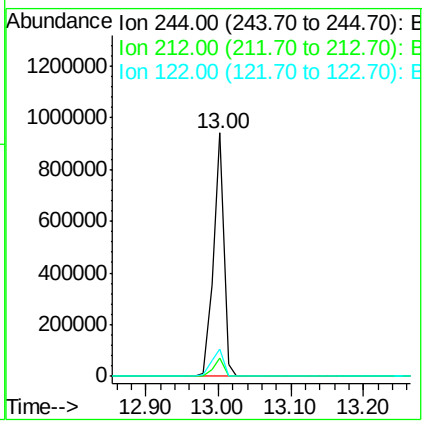


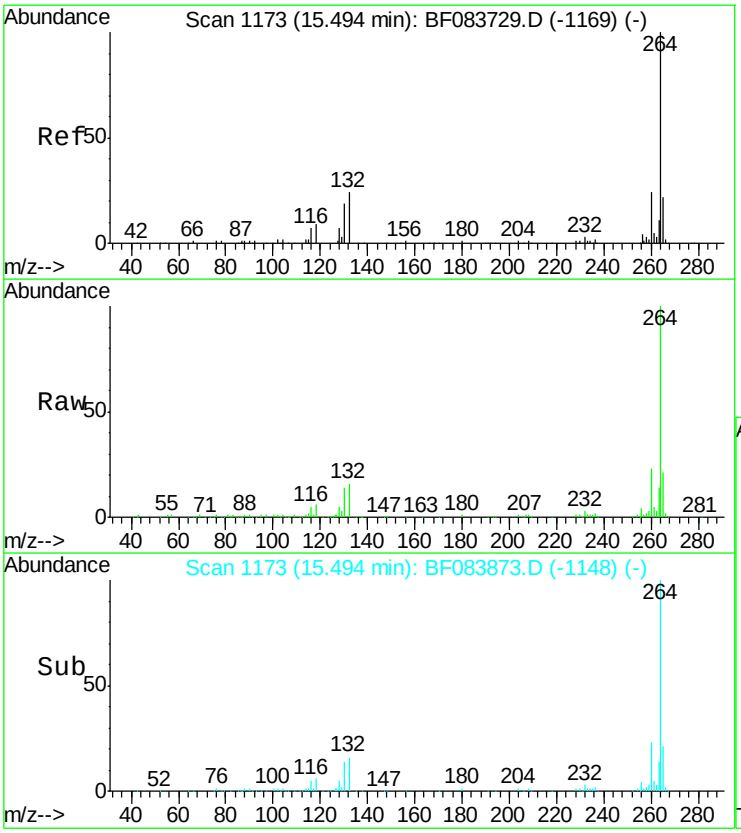
#78
Terphenyl-d14
Concen: 101.35 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 937594

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	11.3	11.0	16.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Tgt Ion:264 Resp: 164533

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.0	17.8	26.6