Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\bf102215\
Data File : BF082465.D
Acq On : 23 Oct 2015 00:51
Operator : UM/IZ
Sample : G4119-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-08-10-10.5

Quant Time: Oct 23 01:52:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:26:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	100393	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	375766	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	169690	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	299373	20.00	ng		0.00
75) Chrysene-d12	13.97	240	258035	20.00	ng		-0.03
86) Perylene-d12	15.45	264	180188	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	228960	46.03	ng		0.01
7) Phenol-d6	6.41	99	518552	80.11	ng		-0.01
23) Nitrobenzene-d5	7.34	82	369807	66.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	30695	19.29	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	632459	61.81	ng		-0.01
78) Terphenyl-d14	12.89	244	538528	55.30	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.54	77	7265	2.20	ng		86
19) n-Nitroso-di-n-propylamine	7.34	70	46730	10.28	ng	#	77
49) Dimethylphthalate	9.53	163	220155	18.42	ng		99
55) 4-Nitrophenol	10.01	139	948	Below Cal		#	11
56) 2,4-Dinitrotoluene	9.81	165	21390	6.79	ng	#	22
70) Phenanthrene	11.33	178	38661	2.63	ng		98
74) Fluoranthene	12.52	202	33144	2.10	ng		98
77) Pyrene	12.74	202	32113	2.10	ng		99

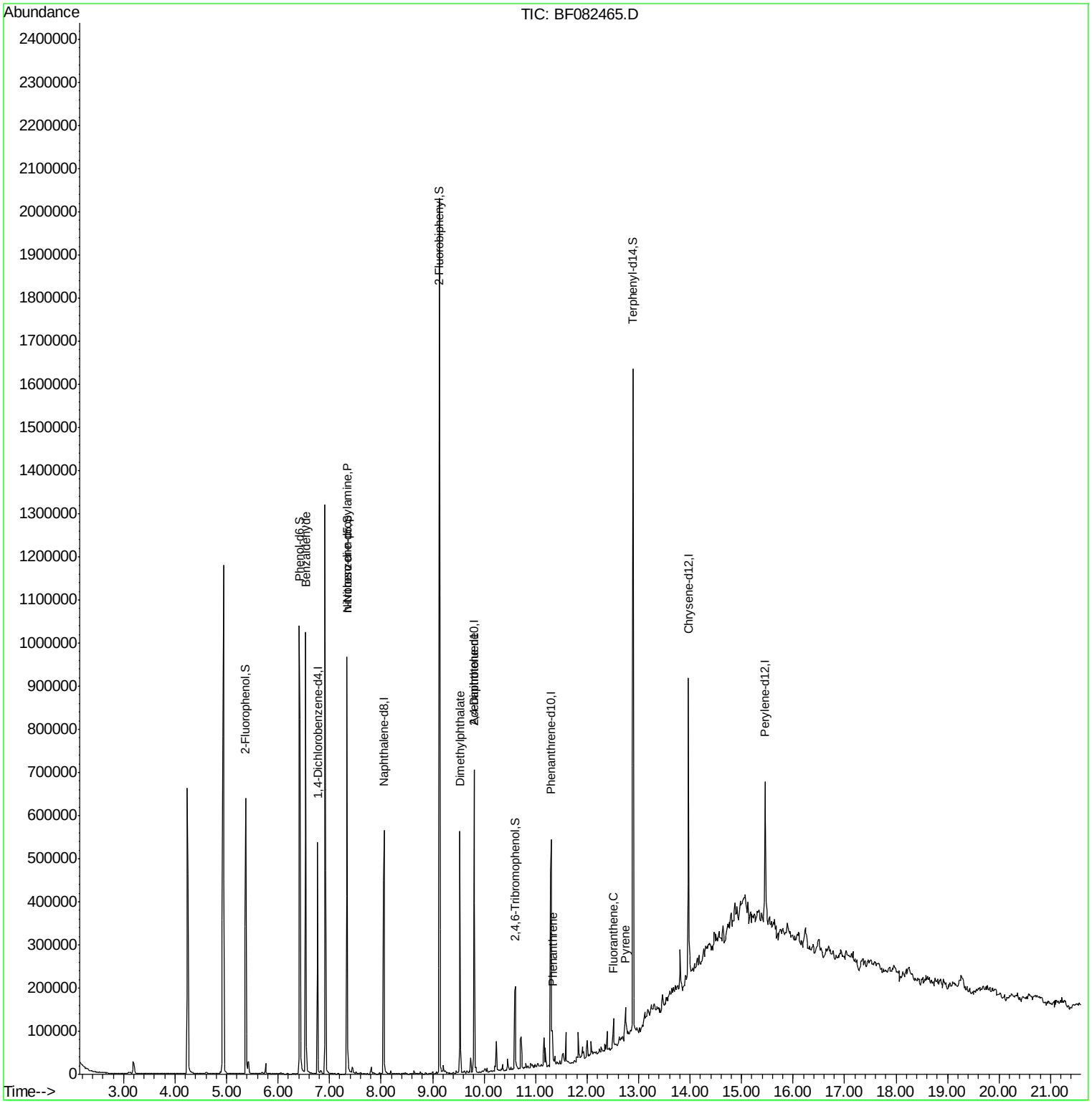
(#) = qualifier out of range (m) = manual integration (+) = signals summed

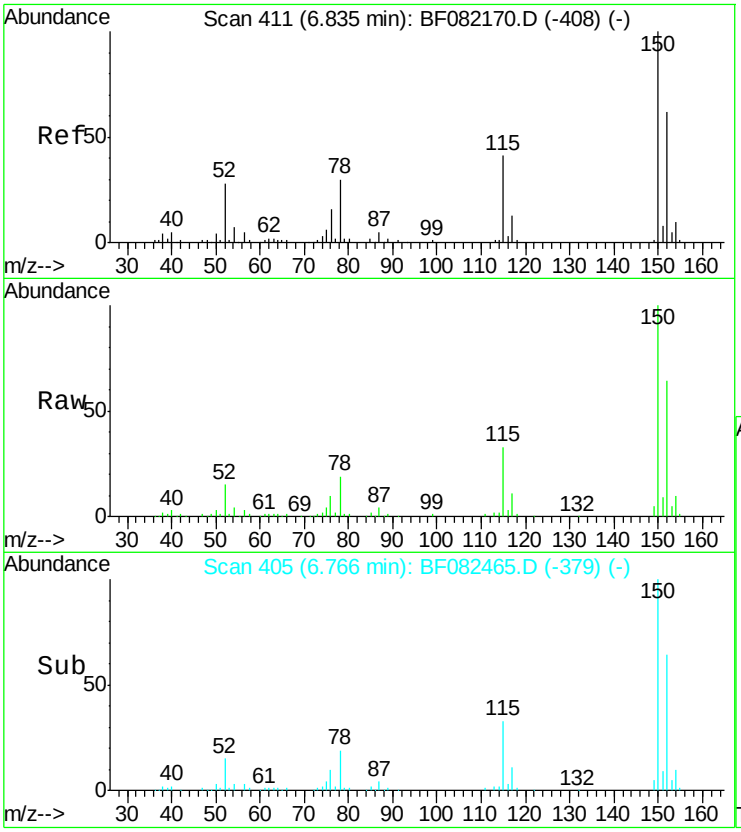
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\bf102215\
Data File : BF082465.D
Acq On : 23 Oct 2015 00:51
Operator : UM/IZ
Sample : G4119-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB15-08-10-10.5

Quant Time: Oct 23 01:52:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:26:32 2015
Response via : Initial Calibration



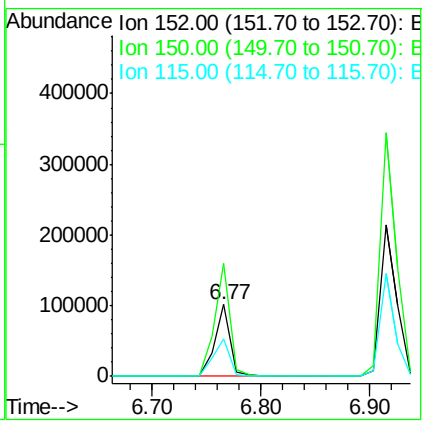


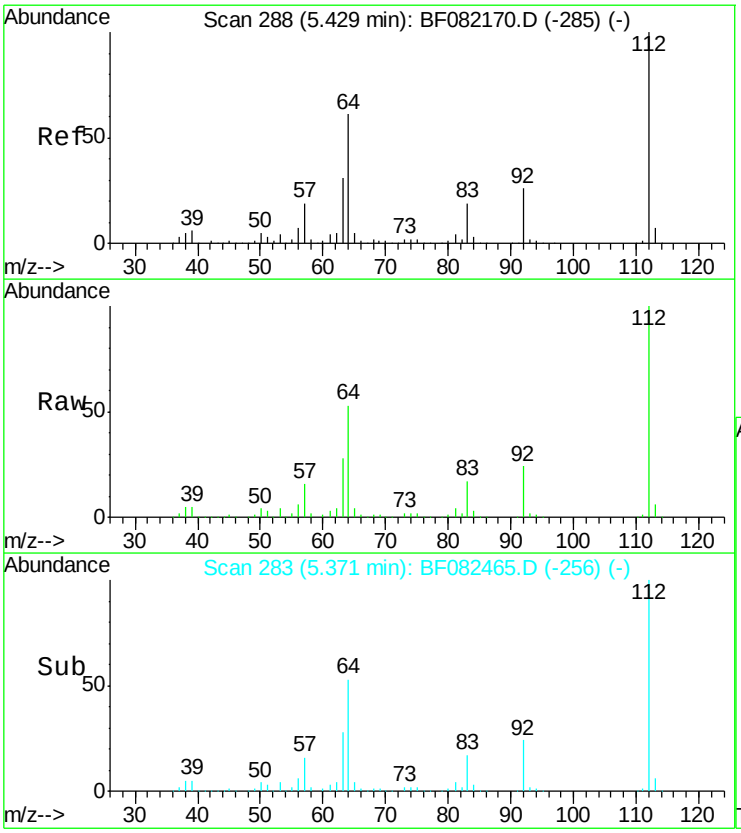
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

Tgt Ion:152 Resp: 100393

Ion	Ratio	Lower	Upper
152	100		
150	157.2	129.0	193.4
115	52.2	52.1	78.1

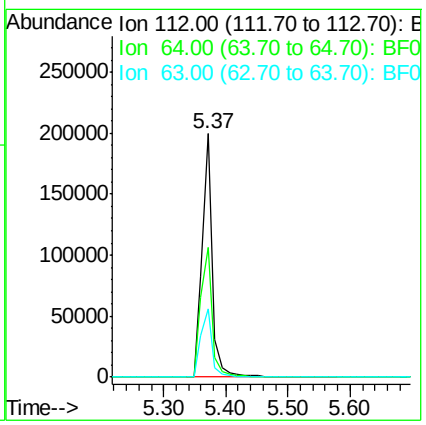


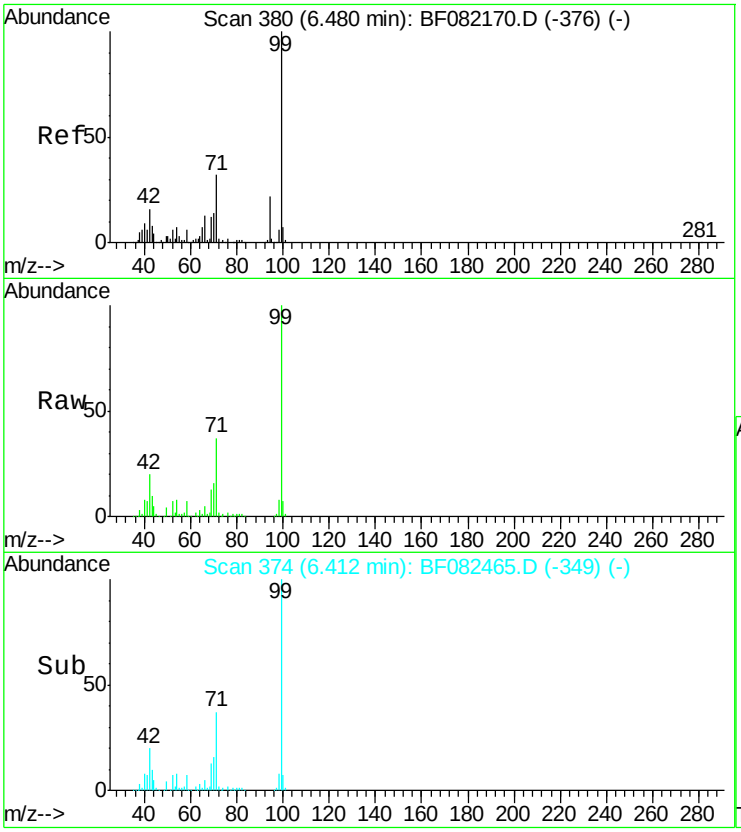


#5
2-Fluorophenol
Concen: 46.03 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Tgt Ion:112 Resp: 228960

Ion	Ratio	Lower	Upper
112	100		
64	53.4	48.6	73.0
63	27.8	25.1	37.7



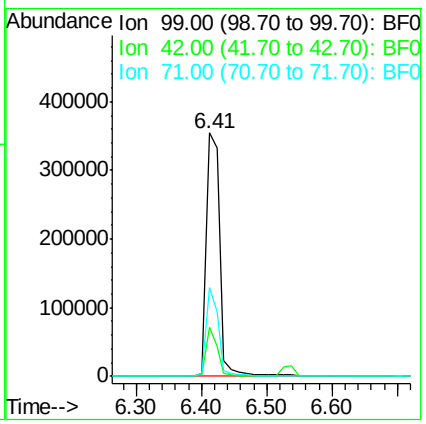


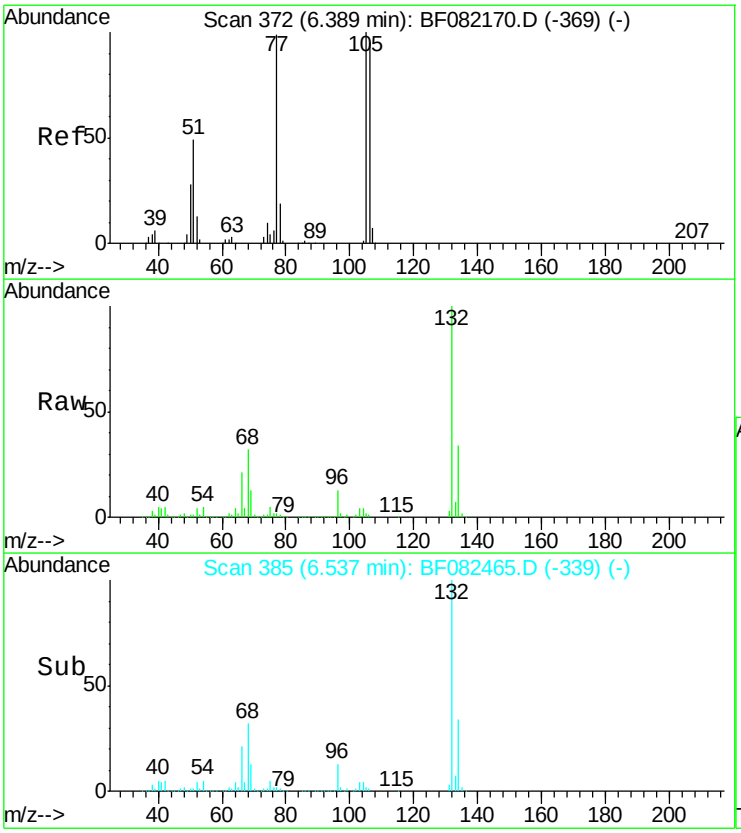
#7
Phenol-d6
Concen: 80.11 ng
RT: 6.41 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

Tgt Ion: 99 Resp: 518552

Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.2	19.8#
71	36.5	25.6	38.4

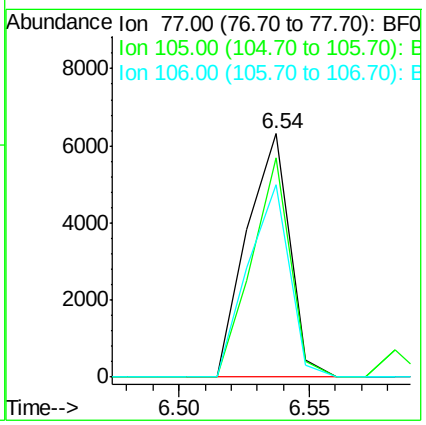


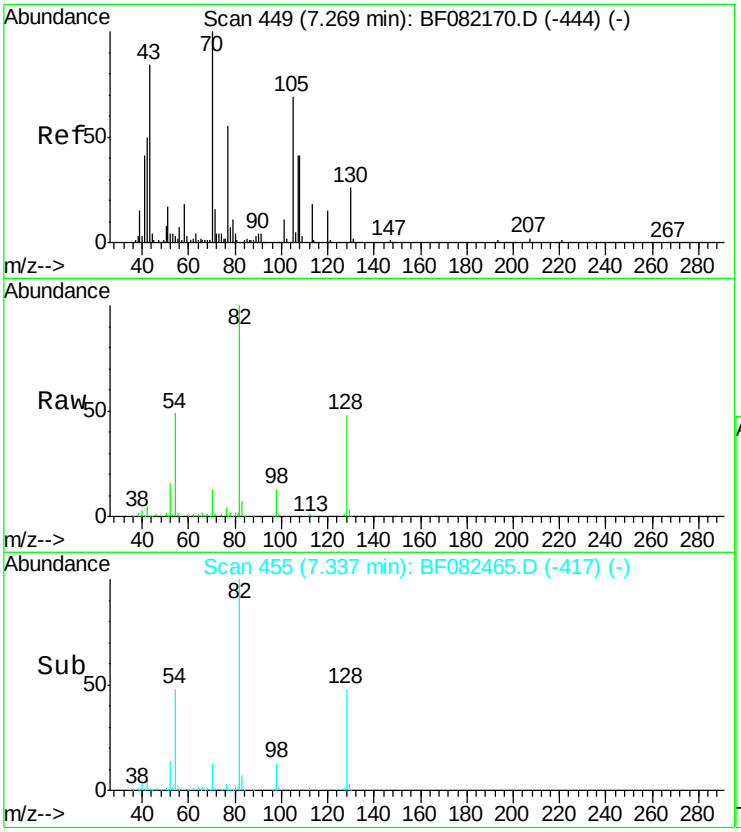


#9
Benzaldehyde
Concen: 2.20 ng
RT: 6.54 min Scan# 385
Delta R.T. 0.23 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Tgt Ion: 77 Resp: 7265

Ion	Ratio	Lower	Upper
77	100		
105	90.0	80.6	120.6
106	78.8	75.5	115.5



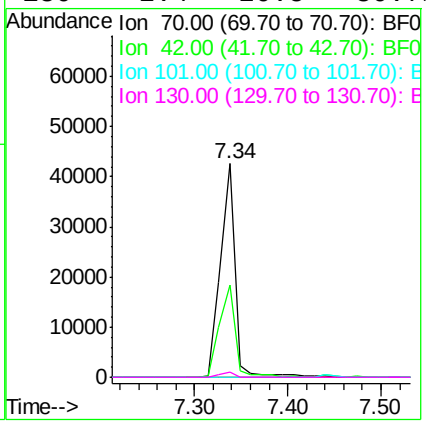


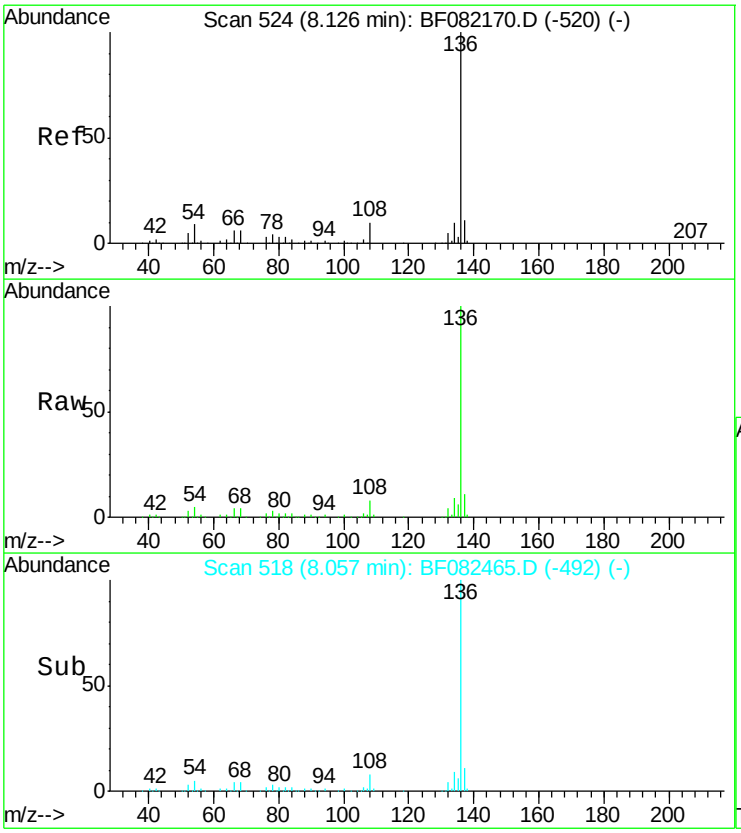
#19
n-Nitroso-di-n-propylamine
Concen: 10.28 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

Tgt Ion: 70 Resp: 46730

Ion	Ratio	Lower	Upper
70	100		
42	43.2	39.8	59.8
101	0.0	8.6	13.0#
130	2.4	20.5	30.7#

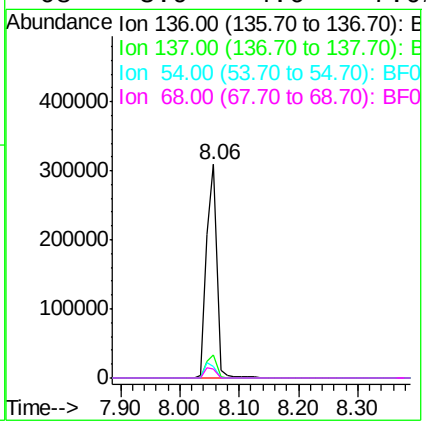


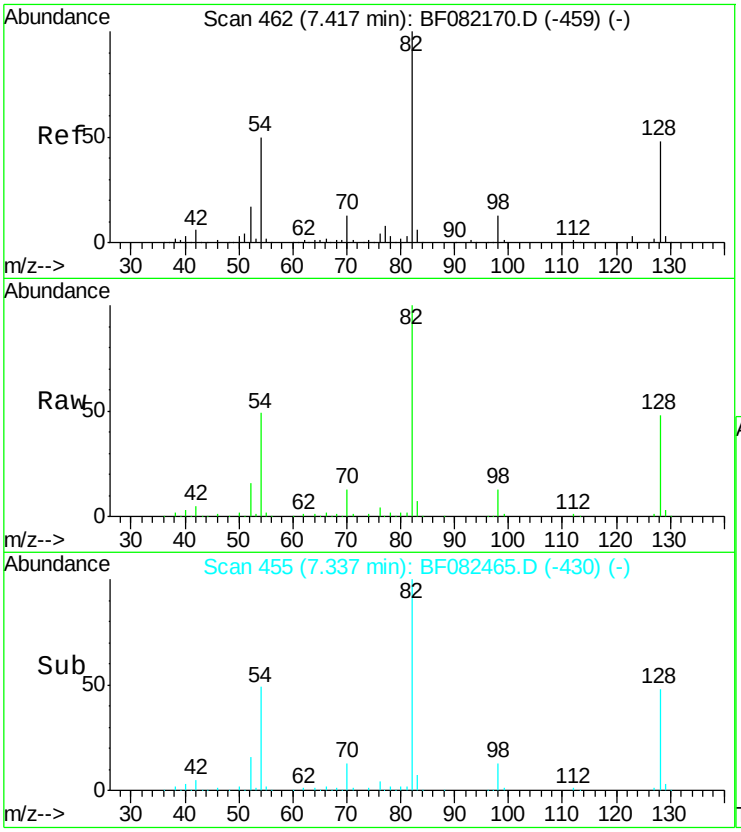


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Tgt Ion:136 Resp: 375766

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	5.4	7.5	11.3#
68	3.9	4.6	7.0#



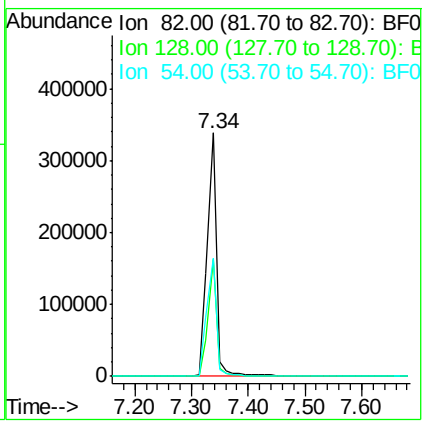


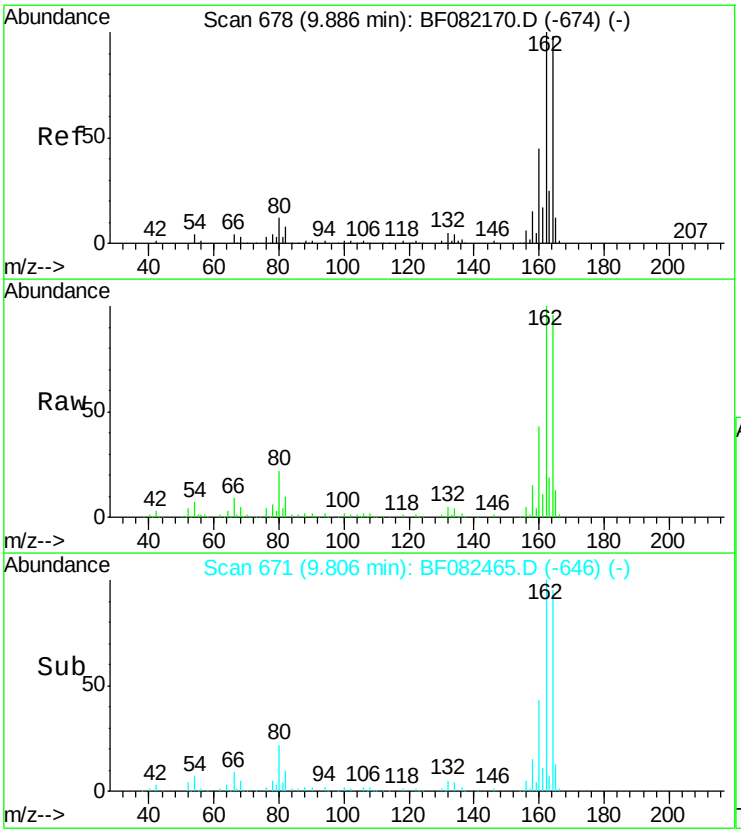
#23
Nitrobenzene-d5
Concen: 66.09 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

Tgt Ion: 82 Resp: 369807

Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.7	58.1
54	48.7	40.1	60.1

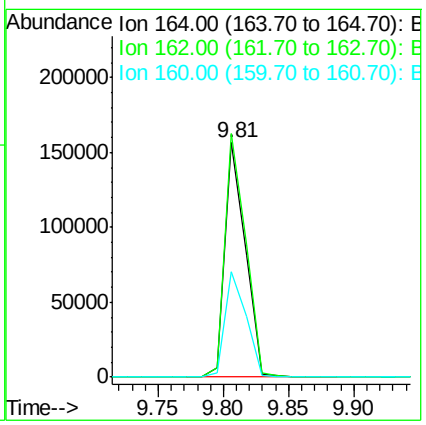


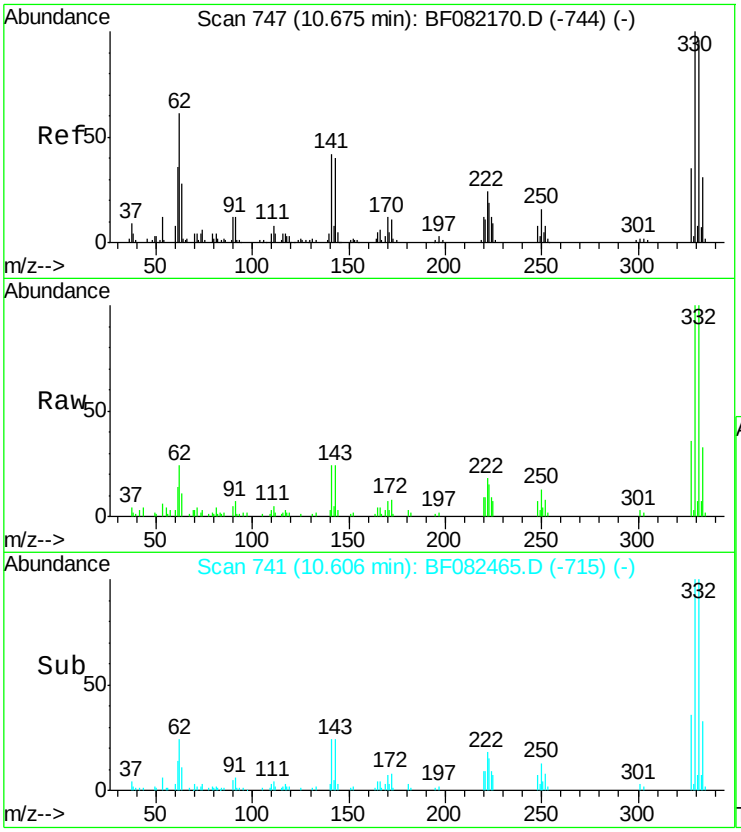


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Tgt Ion:164 Resp: 169690

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.6	122.4
160	44.9	36.4	54.6



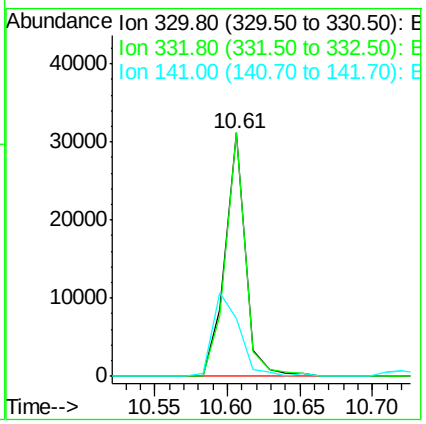


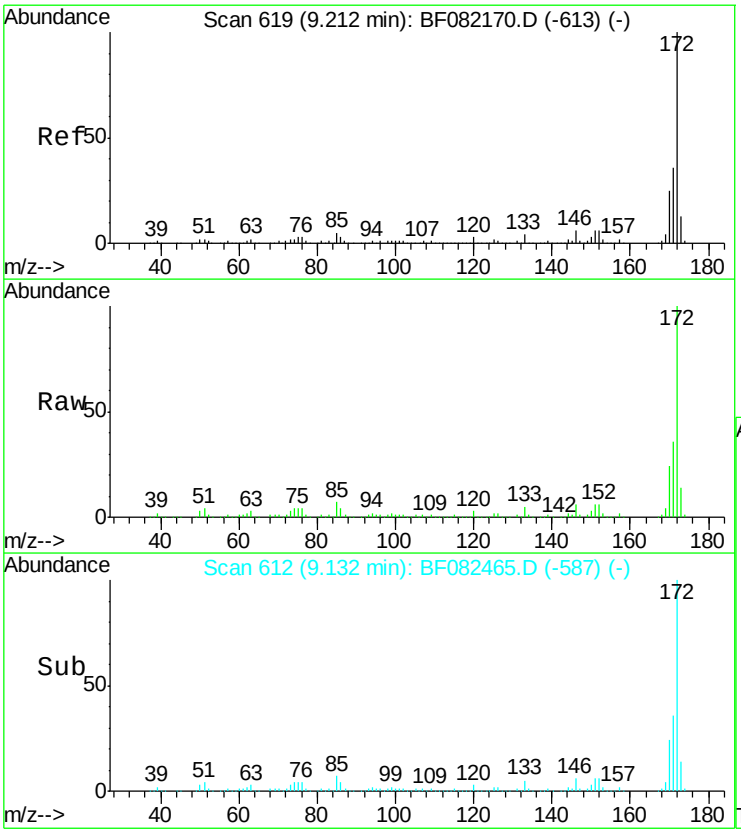
#41
2,4,6-Tribromophenol
Concen: 19.29 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

Tgt Ion:330 Resp: 30695

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	45.1	29.8	44.8#

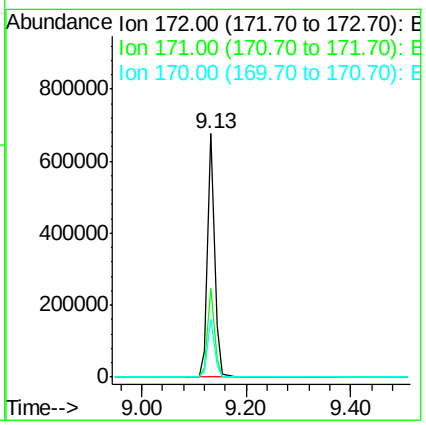


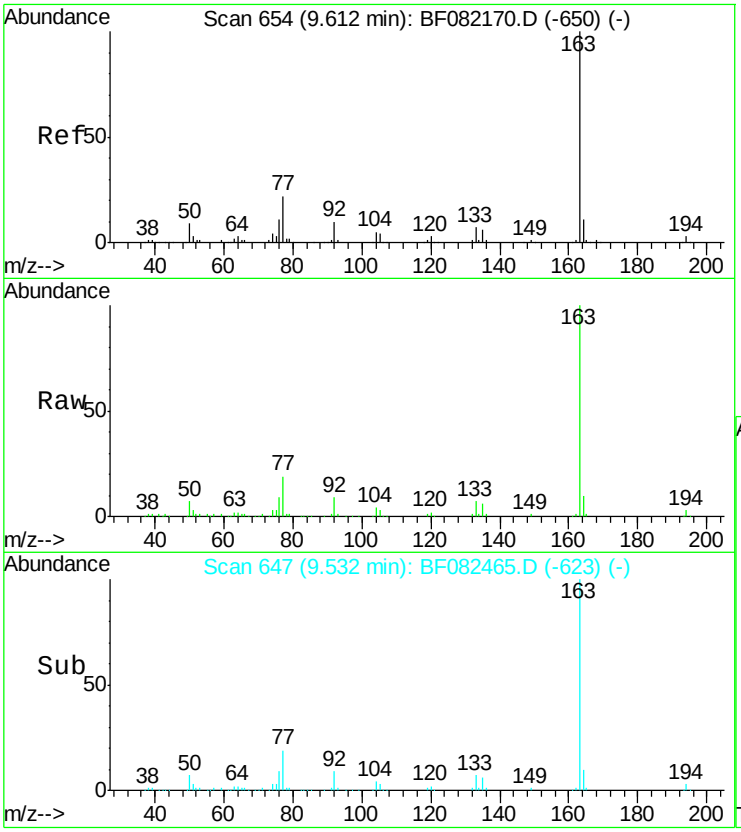


#44
2-Fluorobiphenyl
Concen: 61.81 ng
RT: 9.13 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Tgt Ion:172 Resp: 632459

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	23.9	19.7	29.5



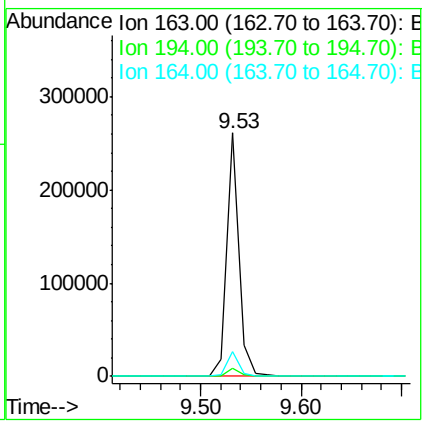


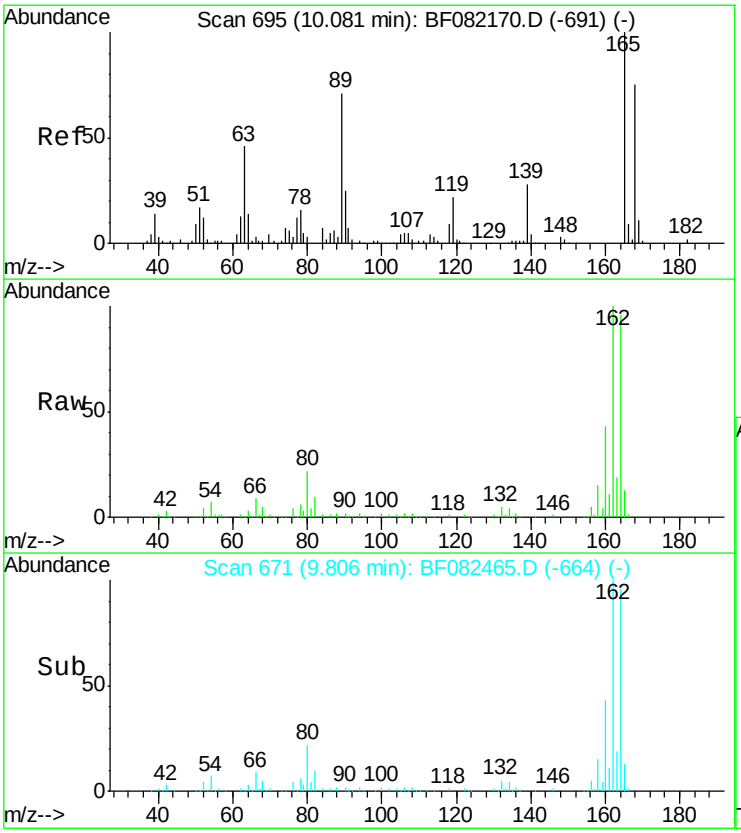
#49
Dimethylphthalate
Concen: 18.42 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

Tgt Ion:163 Resp: 220155

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.1	8.5	12.7

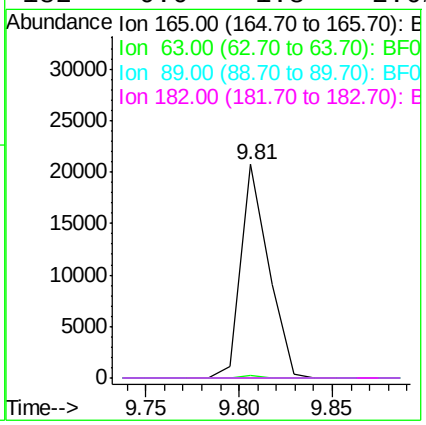


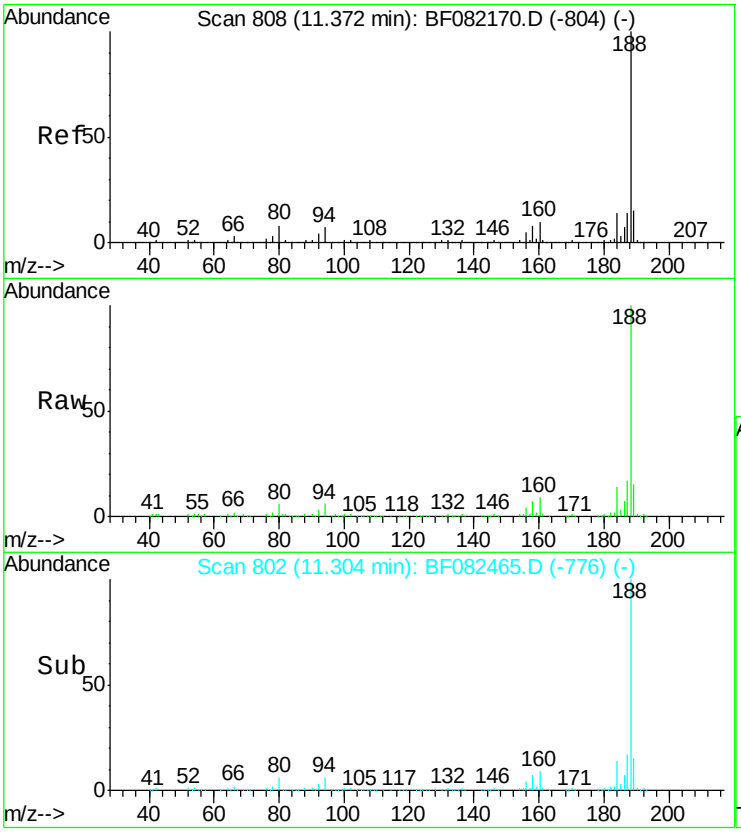


#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.22 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Tgt Ion:165 Resp: 21390

Ion	Ratio	Lower	Upper
165	100		
63	1.5	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#



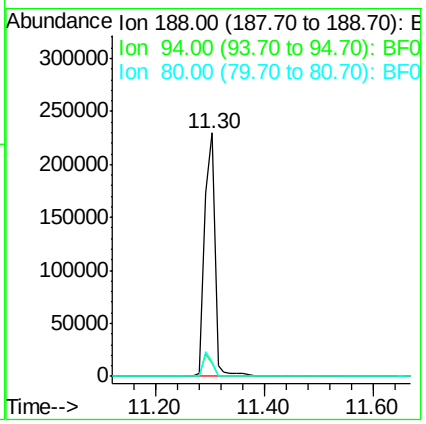


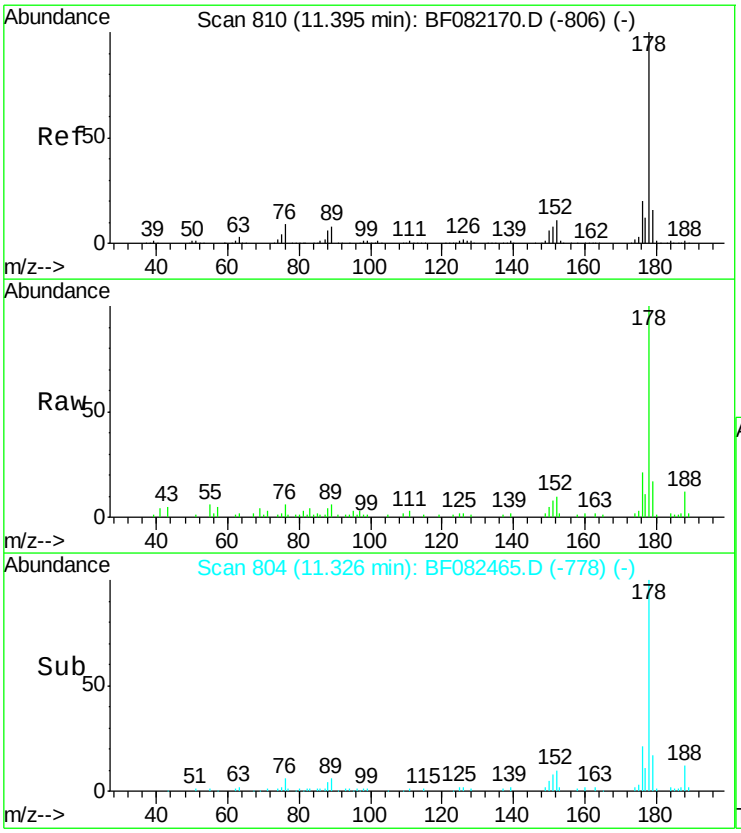
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

Tgt Ion:188 Resp: 299373

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.8	8.6#
80	5.9	6.4	9.6#

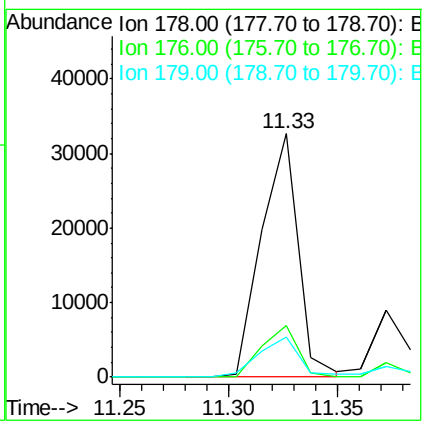


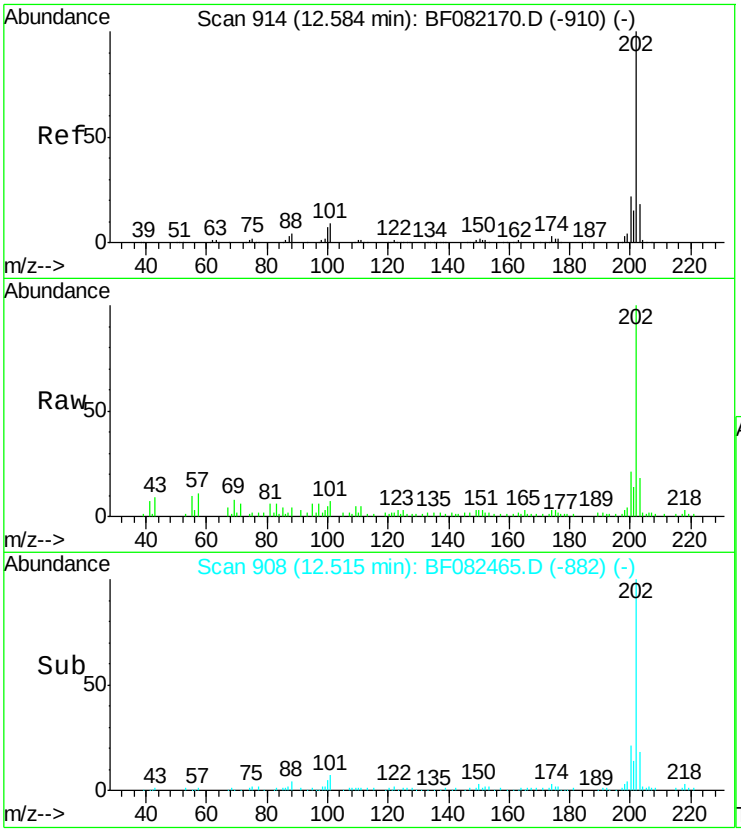


#70
Phenanthrene
Concen: 2.63 ng
RT: 11.33 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Tgt Ion:178 Resp: 38661

Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.0	24.0
179	16.7	12.6	19.0



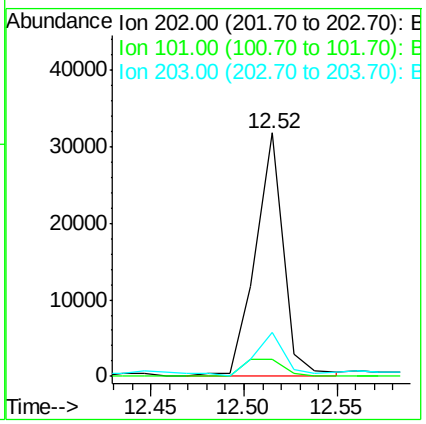


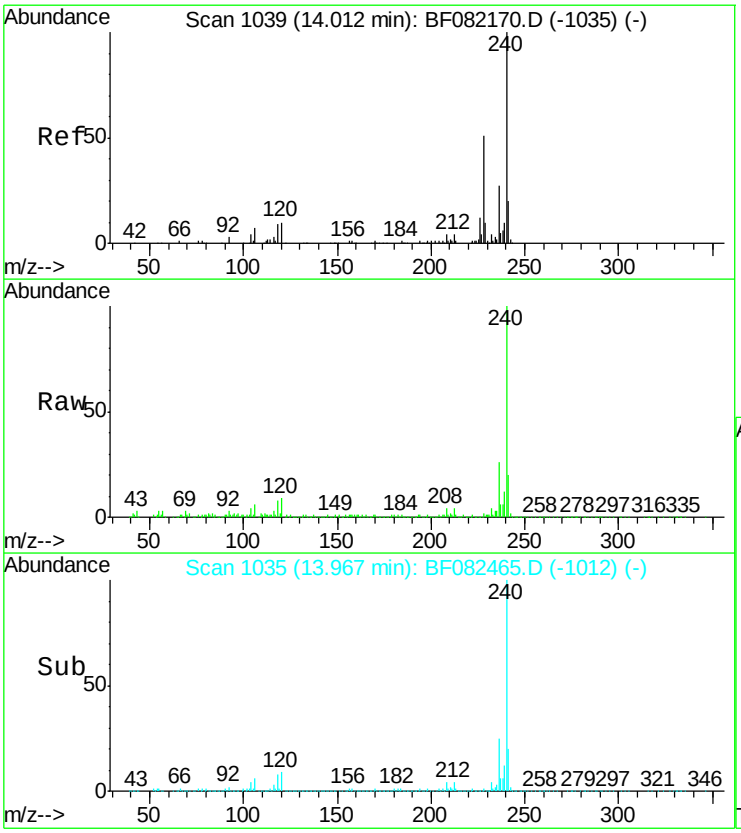
#74
Fluoranthene
Concen: 2.10 ng
RT: 12.52 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

Tgt Ion:202 Resp: 33144

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	29.3
203	18.0	0.0	37.8

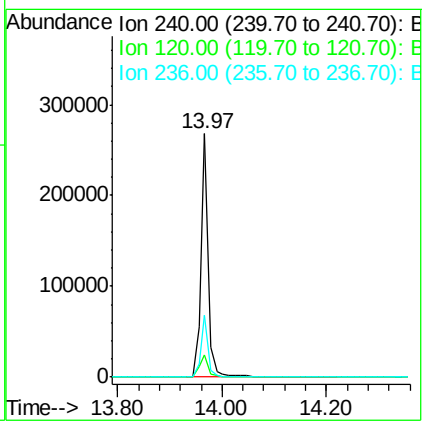


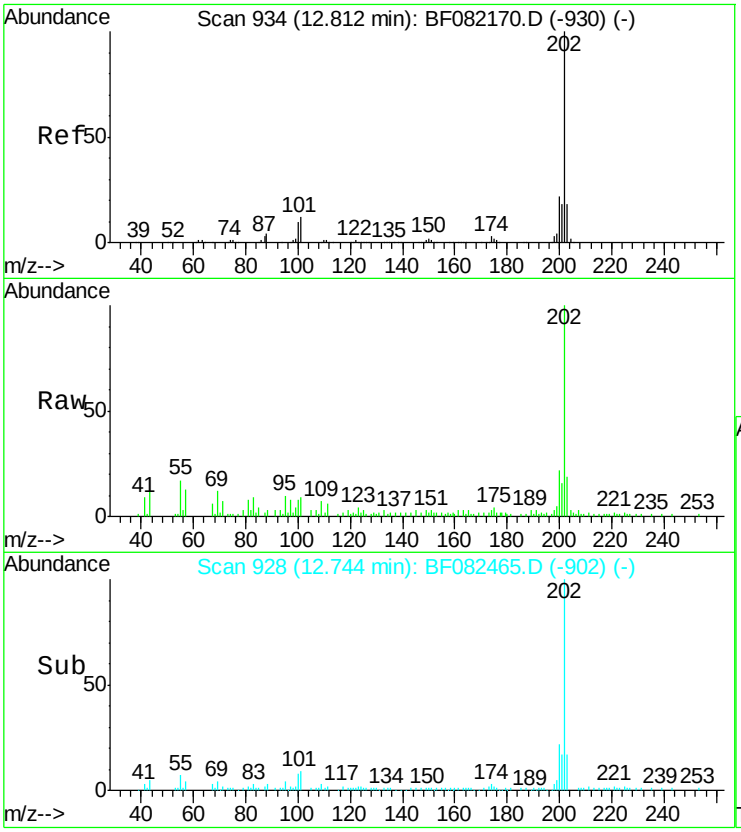


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Tgt Ion:240 Resp: 258035

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.1	12.1
236	25.6	21.3	31.9



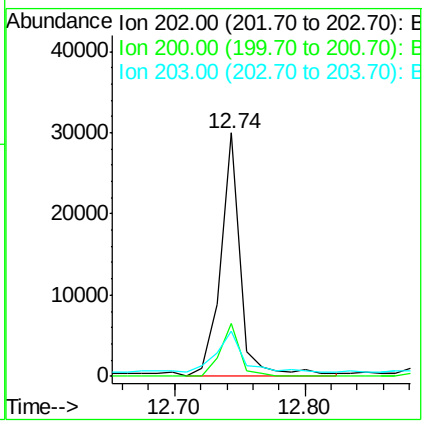


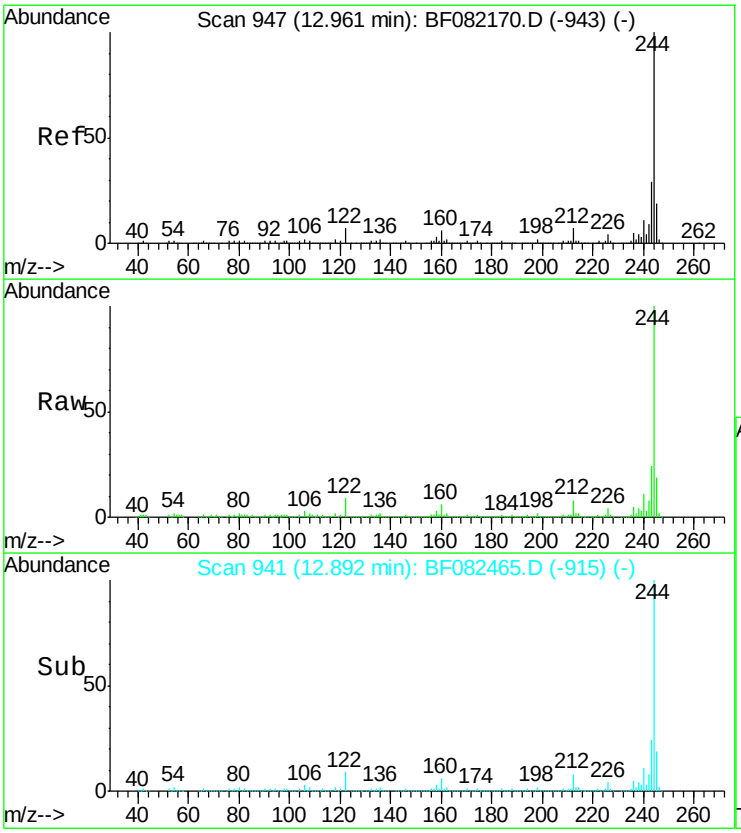
#77
Pyrene
Concen: 2.10 ng
RT: 12.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

Tgt Ion:202 Resp: 32113

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.9	26.9
203	18.8	14.5	21.7

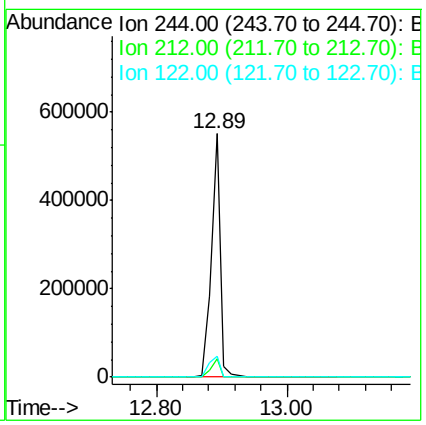


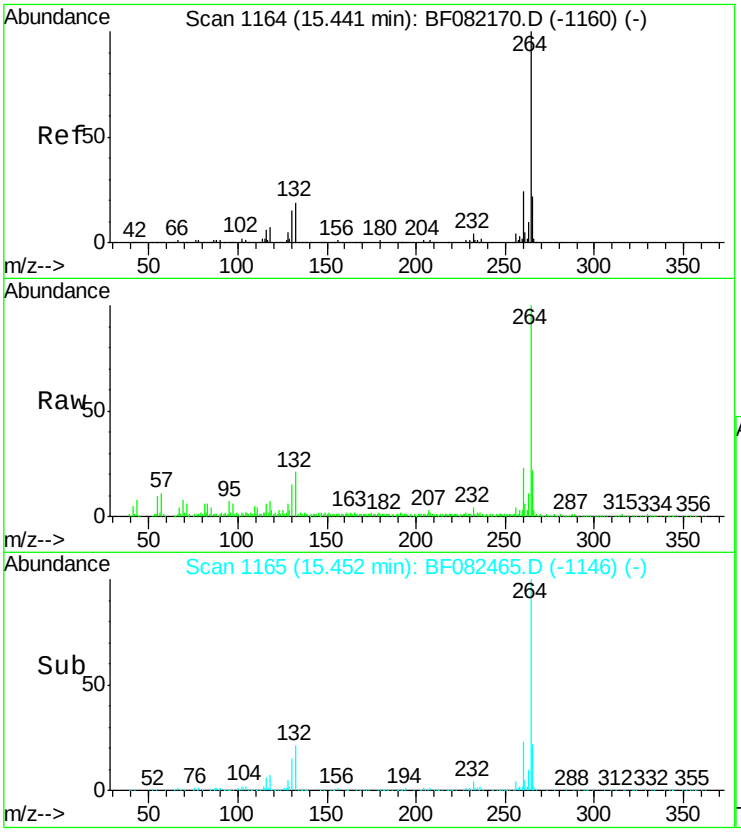


#78
Terphenyl-d14
Concen: 55.30 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Tgt Ion:244 Resp: 538528

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	8.5	5.9	8.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.08 min
Lab File: BF082465.D
Acq: 23 Oct 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB15-08-10-10.5

Tgt Ion:264 Resp: 180188

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	22.2	17.3	25.9