Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080716.D
Acq On : 31 Jul 2015 3:30
Operator : TP/UM
Sample : G3077-11RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-5-(6-12)RE

Quant Time: Jul 31 04:53:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	174087	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	646428	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	318155	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	662768	20.00	ng	0.00
75) Chrysene-d12	14.00	240	471611	20.00	ng	0.00
86) Perylene-d12	15.41	264	321281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1183334	116.61	ng	0.02
7) Phenol-d6	6.49	99	1708152	123.64	ng	0.00
23) Nitrobenzene-d5	7.41	82	1055448	79.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	512351	155.20	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2054166	96.32	ng	0.00
78) Terphenyl-d14	12.96	244	1883897	75.55	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	2400	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	146999	15.80	ng	# 77
25) Isophorone	7.41	82	1046798	44.10	ng	# 71
50) 2,6-Dinitrotoluene	9.88	165	40666	8.55	ng	# 15
56) 2,4-Dinitrotoluene	9.88	165	40668	6.52	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	31014	4.53	ng	# 1

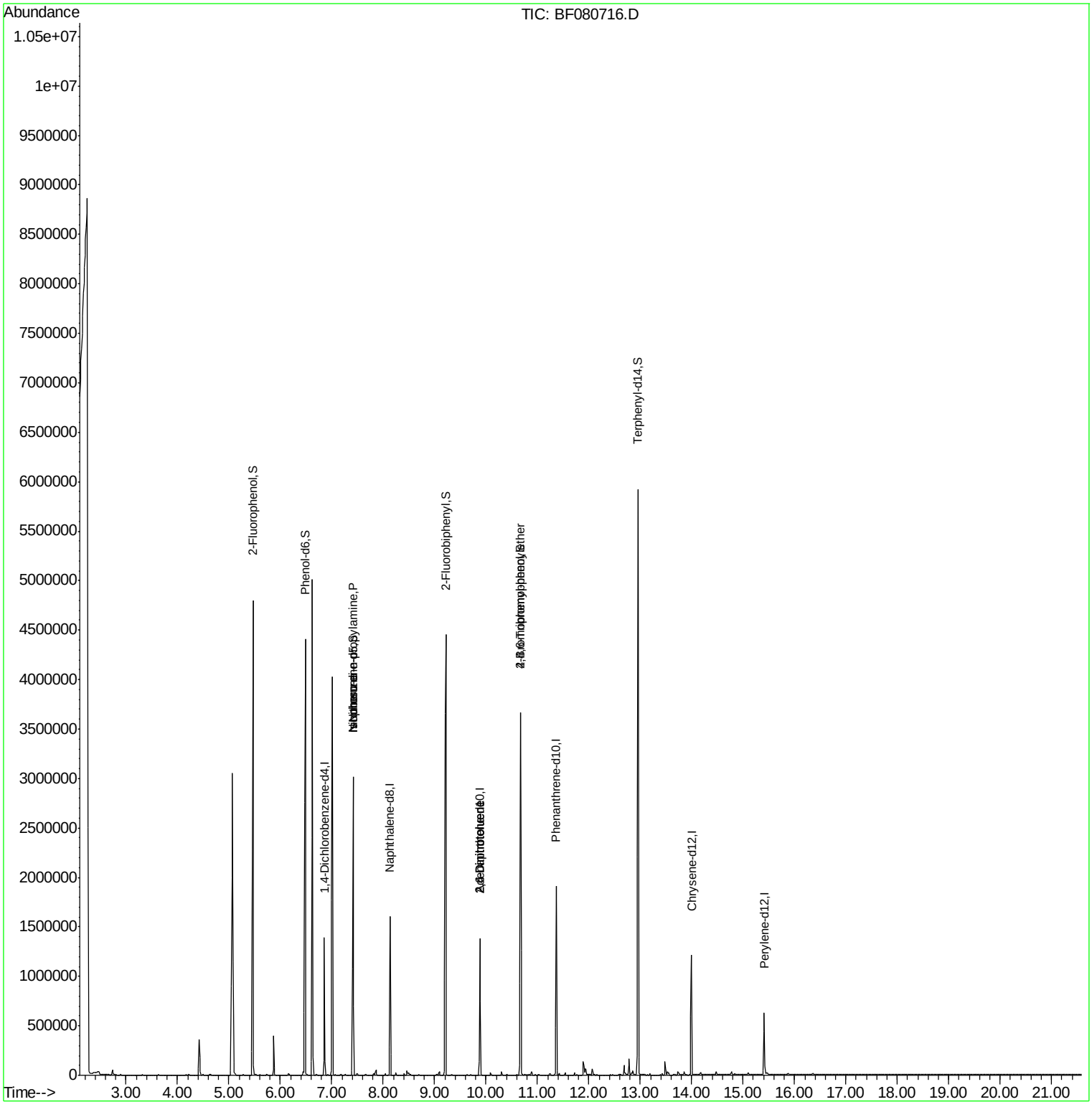
(#) = qualifier out of range (m) = manual integration (+) = signals summed

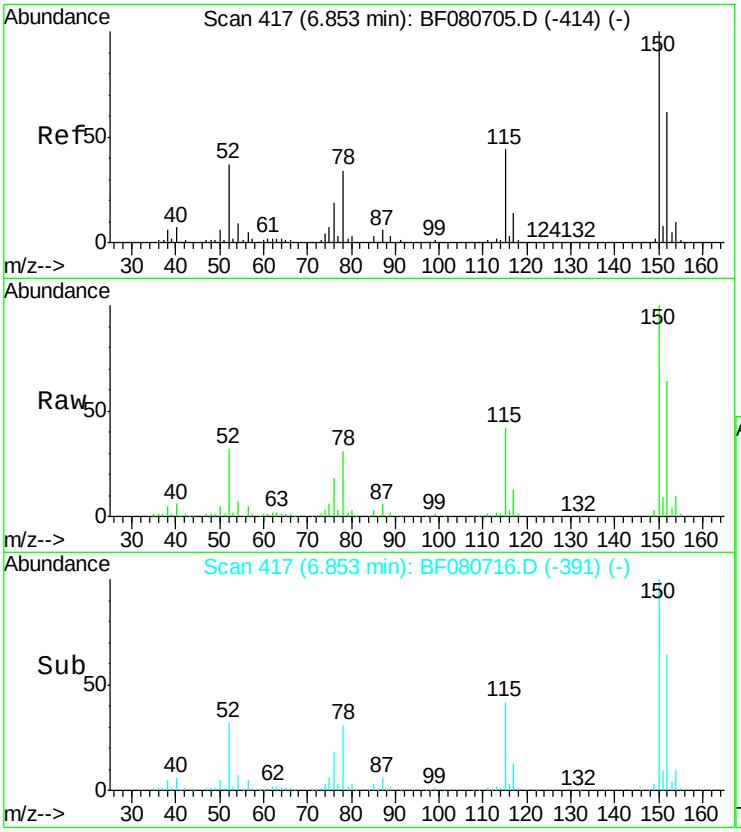
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080716.D
Acq On : 31 Jul 2015 3:30
Operator : TP/UM
Sample : G3077-11RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)RE

Quant Time: Jul 31 04:53:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration



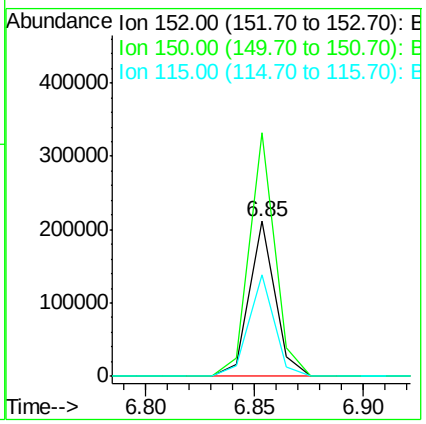


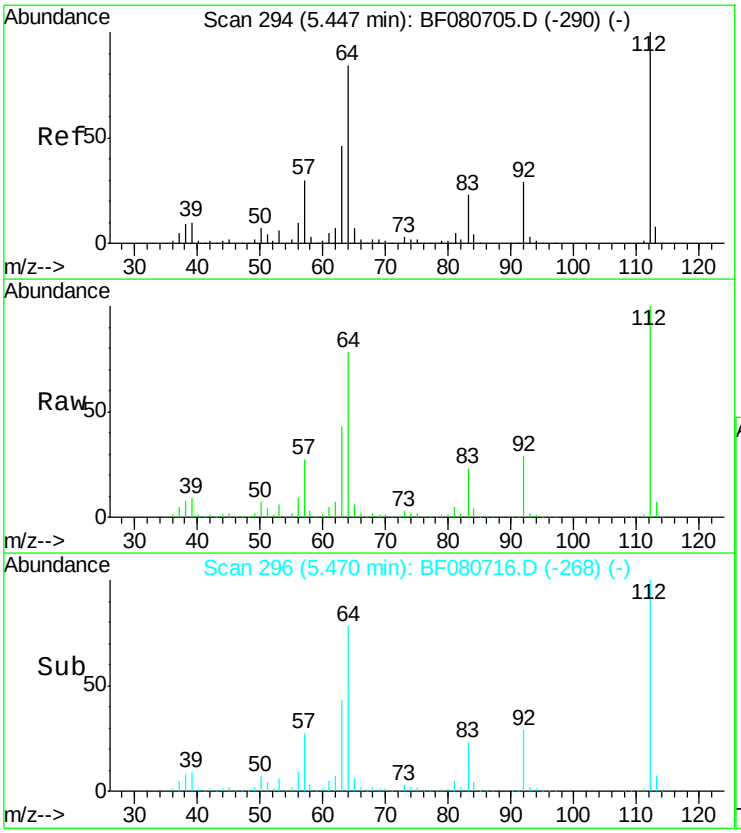
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)RE

Tgt Ion:152 Resp: 174087

Ion	Ratio	Lower	Upper
152	100		
150	157.3	129.6	194.4
115	65.9	56.6	85.0

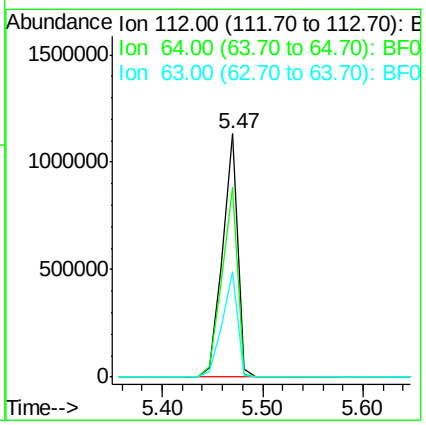


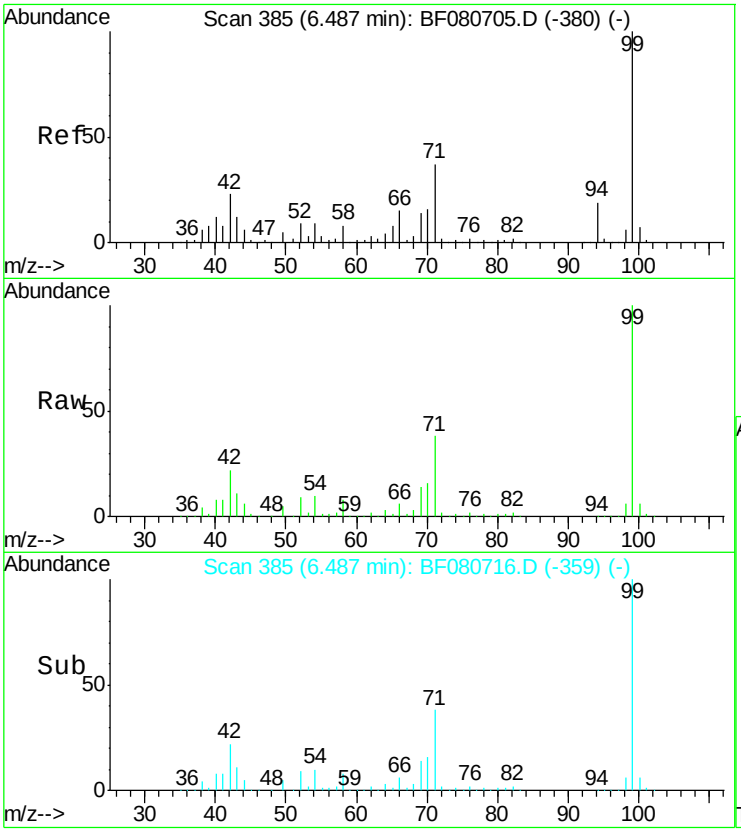


#5
2-Fluorophenol
Concen: 116.61 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Tgt Ion:112 Resp: 1183334

Ion	Ratio	Lower	Upper
112	100		
64	77.8	66.8	100.2
63	43.1	36.7	55.1



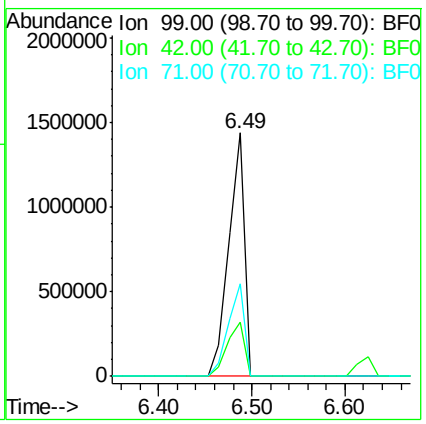


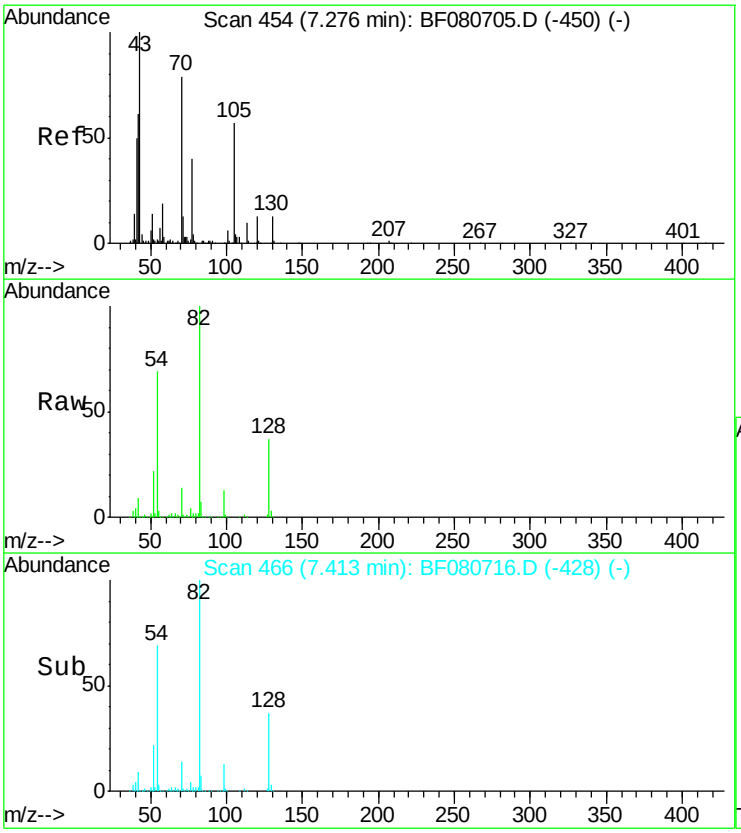
#7
Phenol-d6
Concen: 123.64 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)RE

Tgt Ion: 99 Resp: 1708152

Ion	Ratio	Lower	Upper
99	100		
42	22.5	18.2	27.2
71	37.8	29.5	44.3

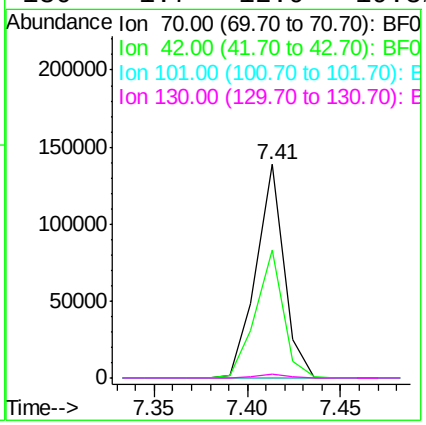


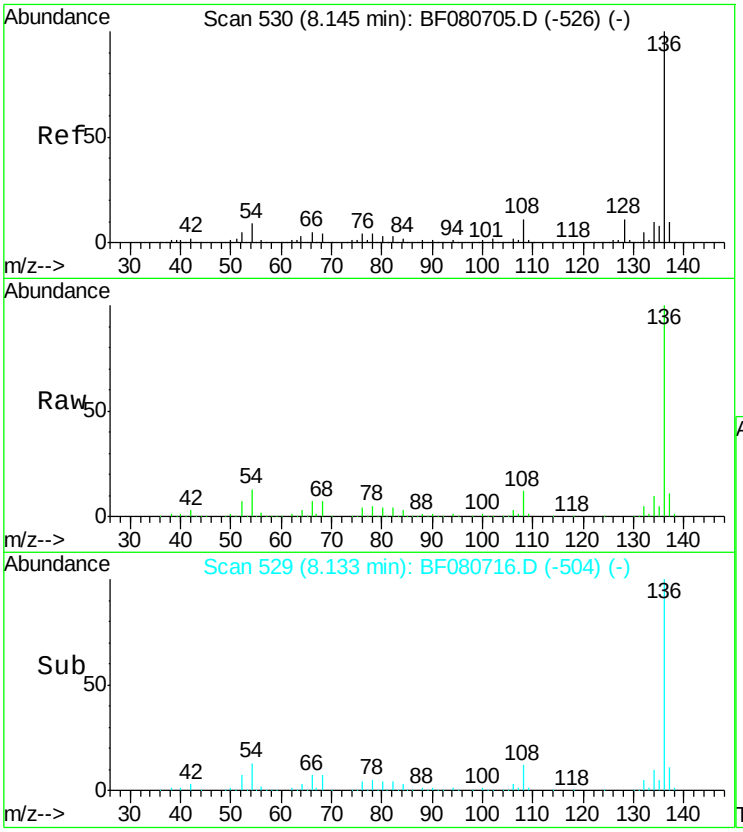


#19
n-Nitroso-di-n-propylamine
Concen: 15.80 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Tgt Ion: 70 Resp: 146999

Ion	Ratio	Lower	Upper
70	100		
42	59.7	61.8	92.6#
101	0.0	6.1	9.1#
130	1.7	12.9	19.3#



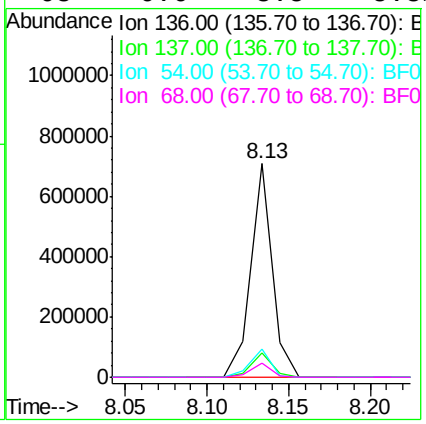


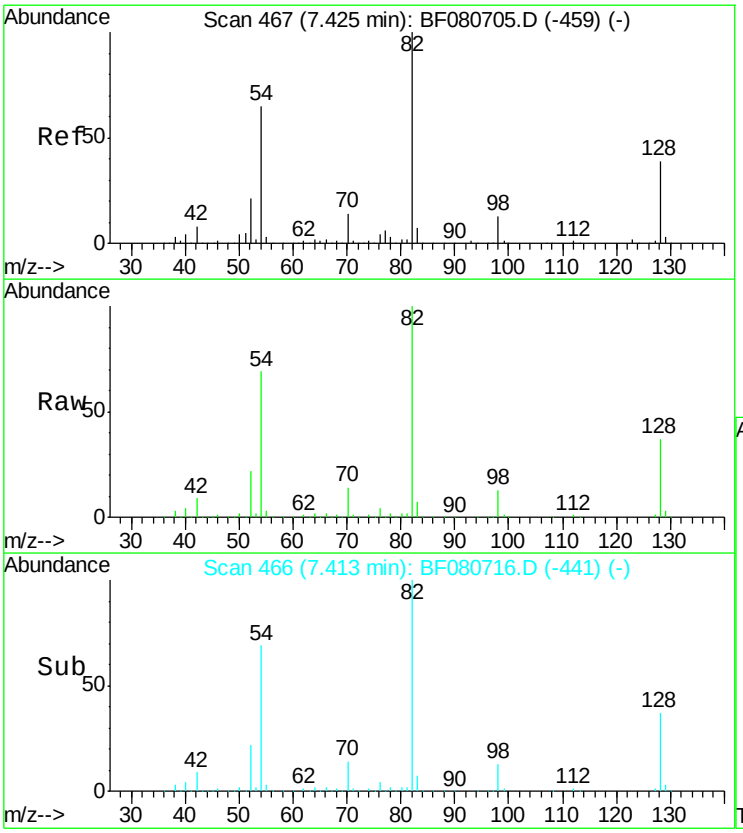
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)RE

Tgt Ion:136 Resp: 646428

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	13.0	6.9	10.3#
68	6.6	3.5	5.3#

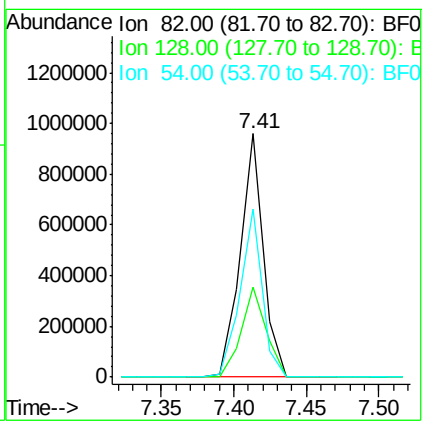


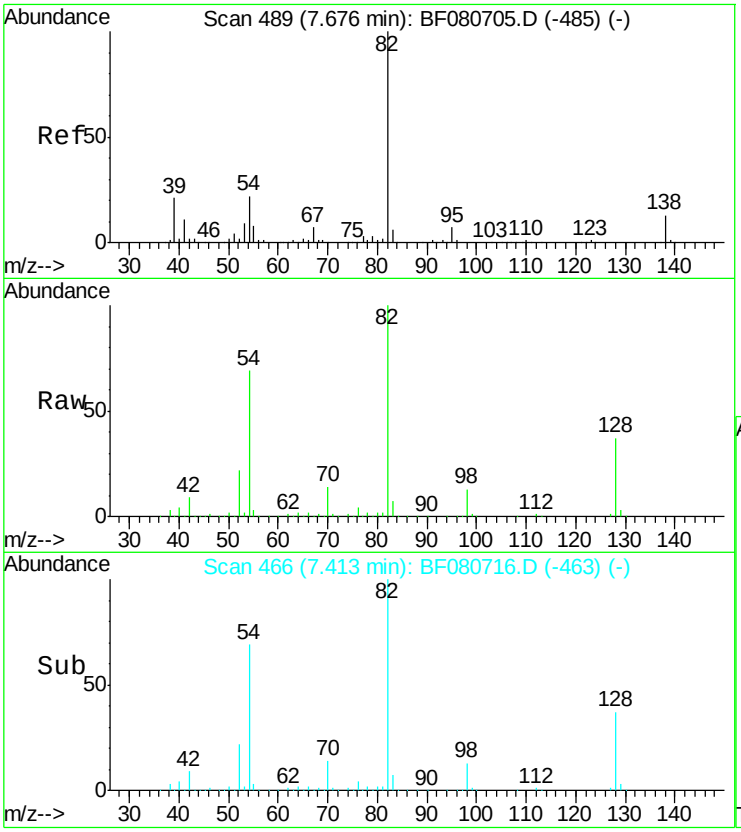


#23
Nitrobenzene-d5
Concen: 79.07 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Tgt Ion: 82 Resp: 1055448

Ion	Ratio	Lower	Upper
82	100		
128	37.1	31.5	47.3
54	68.8	51.8	77.8



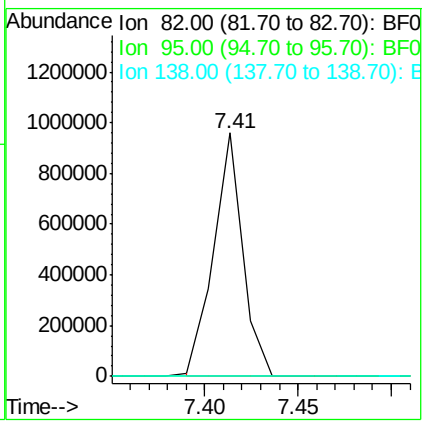


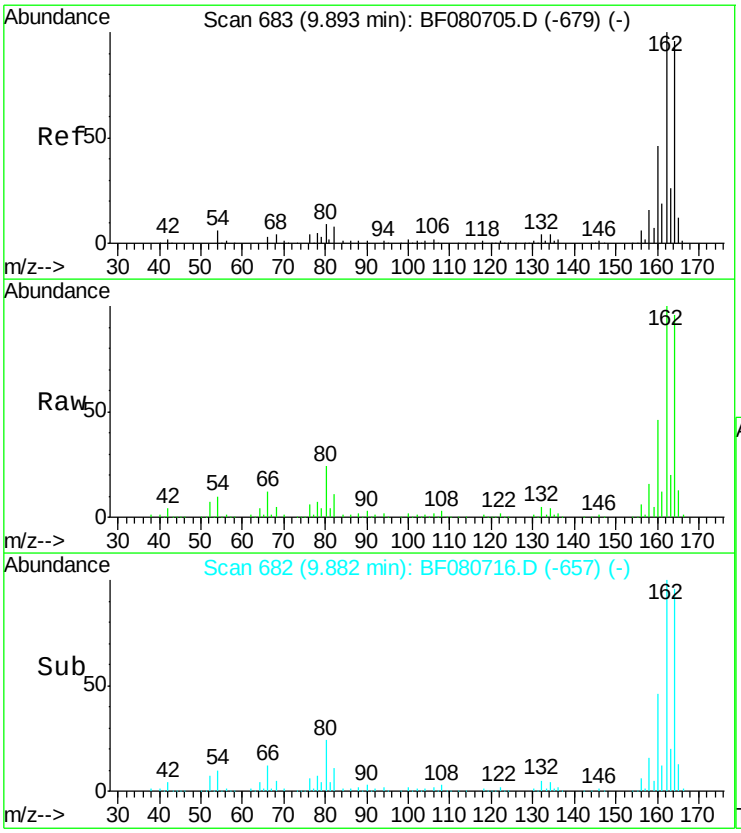
#25
Isophorone
Concen: 44.10 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.26 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)RE

Tgt Ion: 82 Resp: 1046798

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	10.7	16.1#

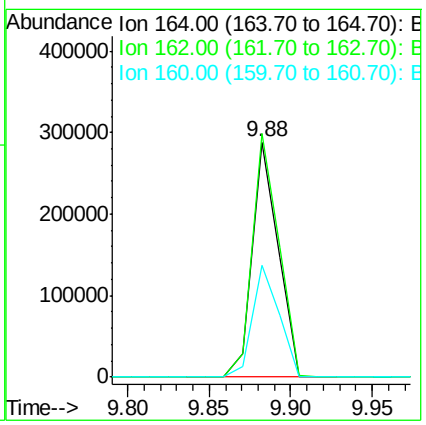


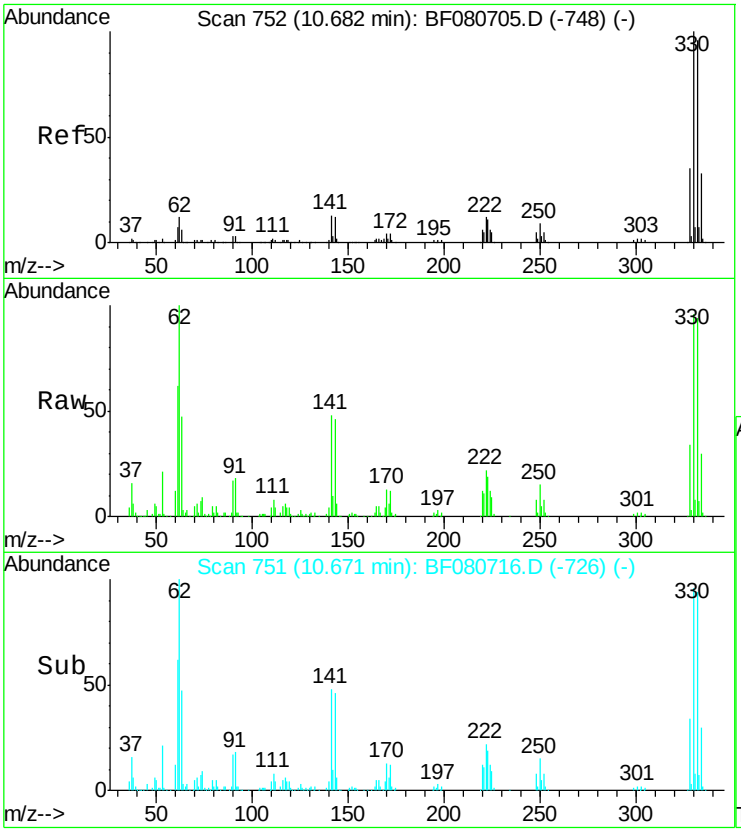


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Tgt Ion:164 Resp: 318155

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.4	125.0
160	47.5	38.0	57.0



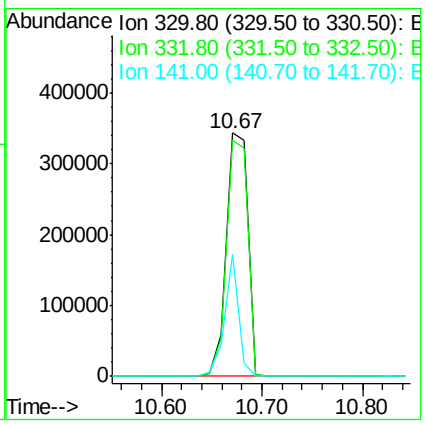


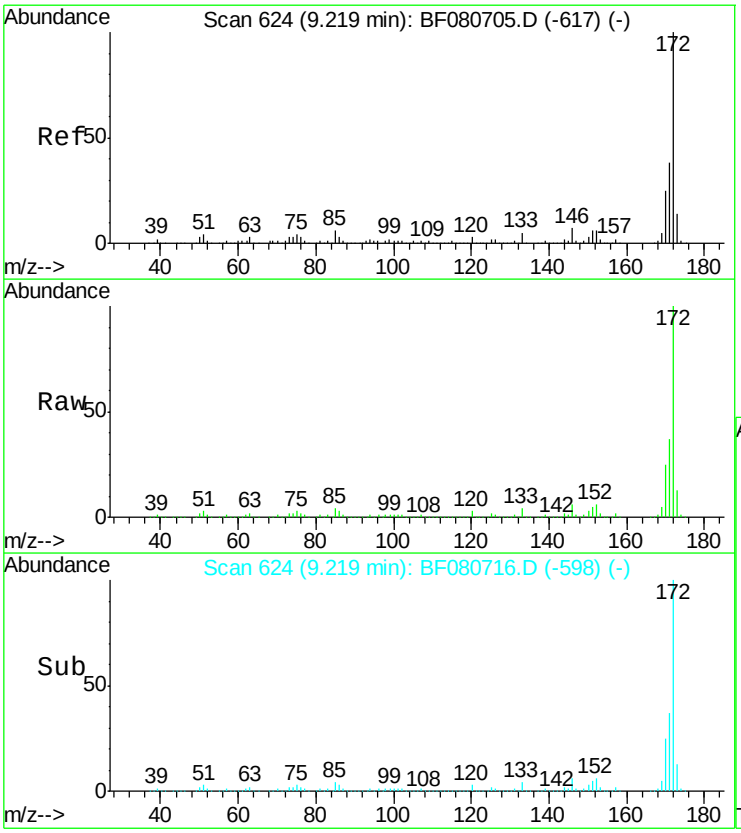
#41
2,4,6-Tribromophenol
Concen: 155.20 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)RE

Tgt Ion:330 Resp: 512351

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	32.4	26.0	39.0

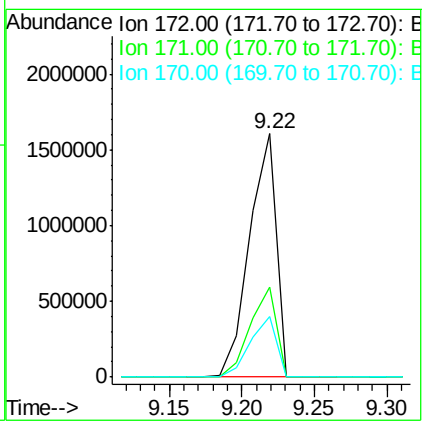


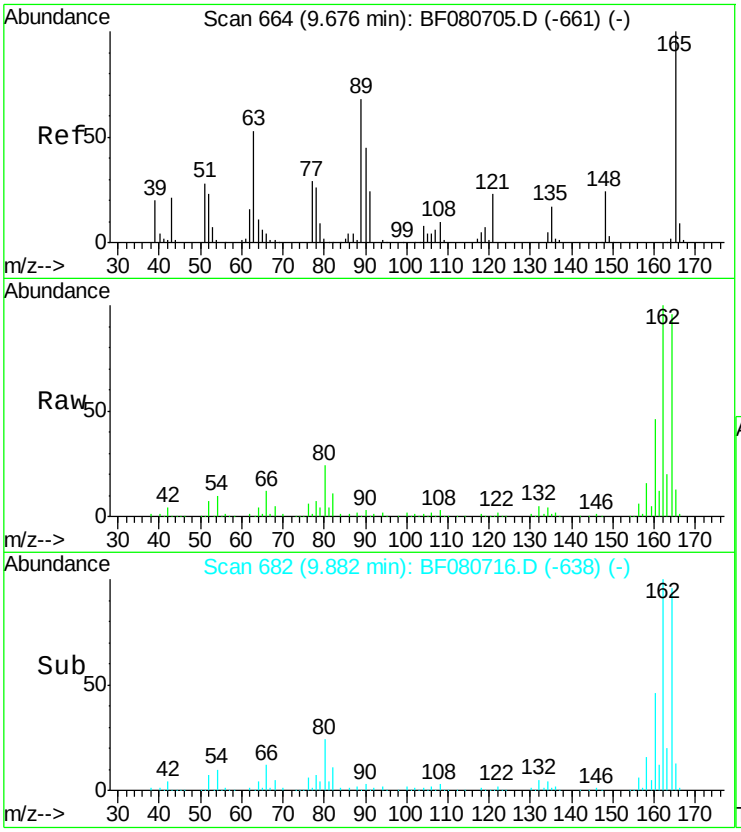


#44
2-Fluorobiphenyl
Concen: 96.32 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Tgt Ion:172 Resp: 2054166

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.2	45.4
170	24.8	20.2	30.2



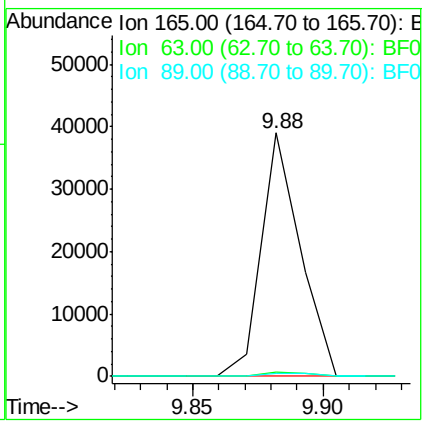


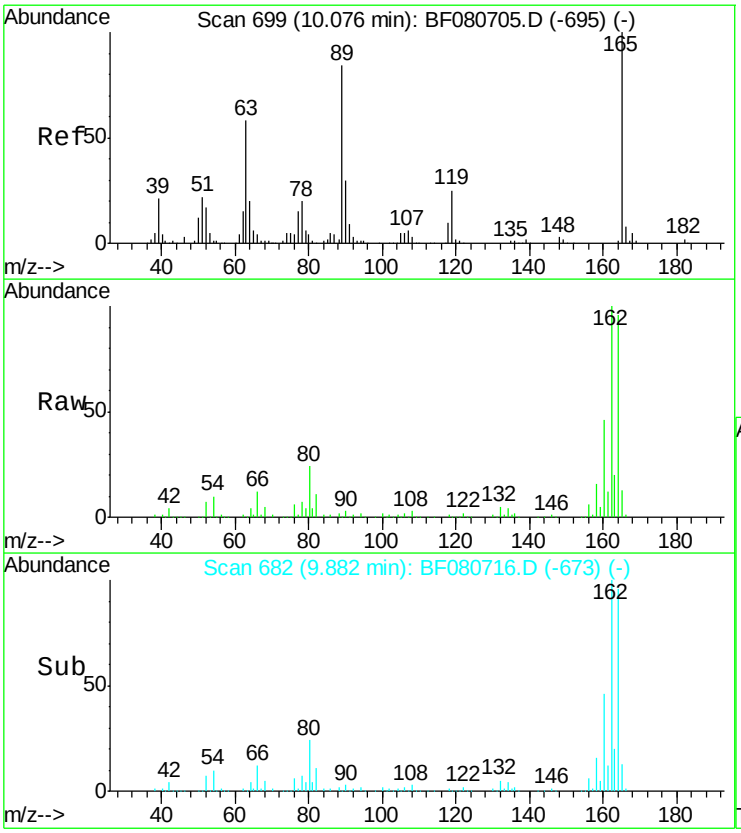
#50
2,6-Dinitrotoluene
Concen: 8.55 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.21 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)RE

Tgt Ion:165 Resp: 40666

Ion	Ratio	Lower	Upper
165	100		
63	2.0	62.3	93.5#
89	1.4	54.8	82.2#

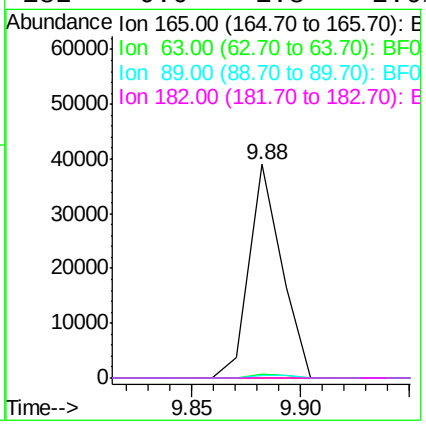


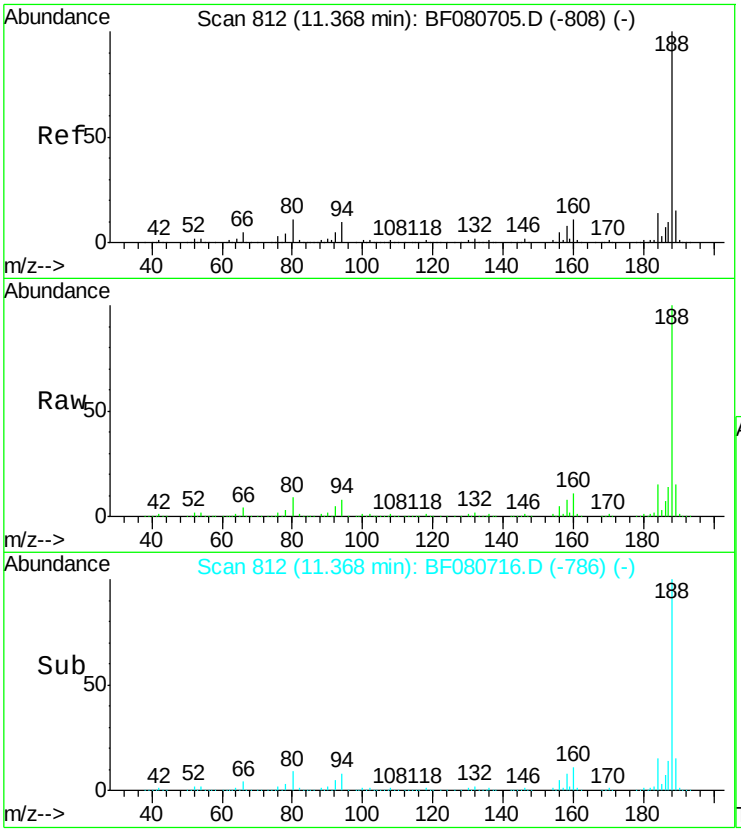


#56
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Tgt Ion:165 Resp: 40668

Ion	Ratio	Lower	Upper
165	100		
63	2.0	46.7	70.1#
89	1.4	67.4	101.2#
182	0.0	1.8	2.6#



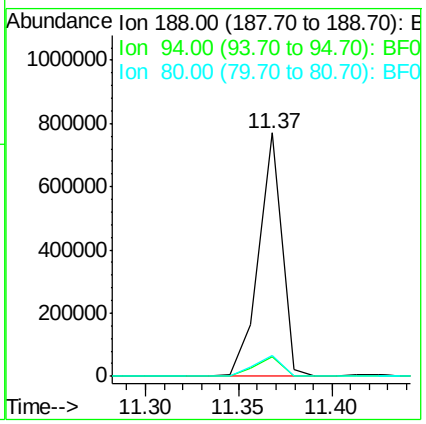


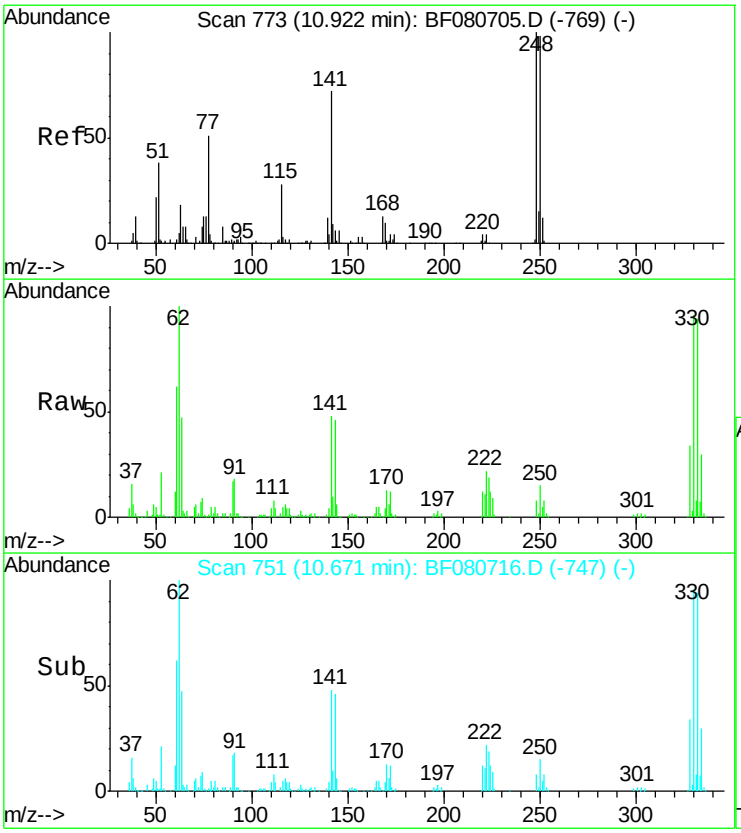
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)RE

Tgt Ion:188 Resp: 662768

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.1	12.1
80	8.8	9.1	13.7#

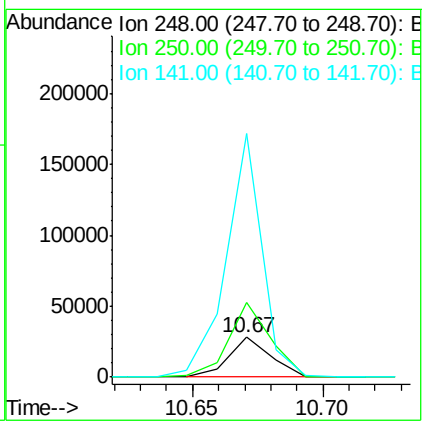


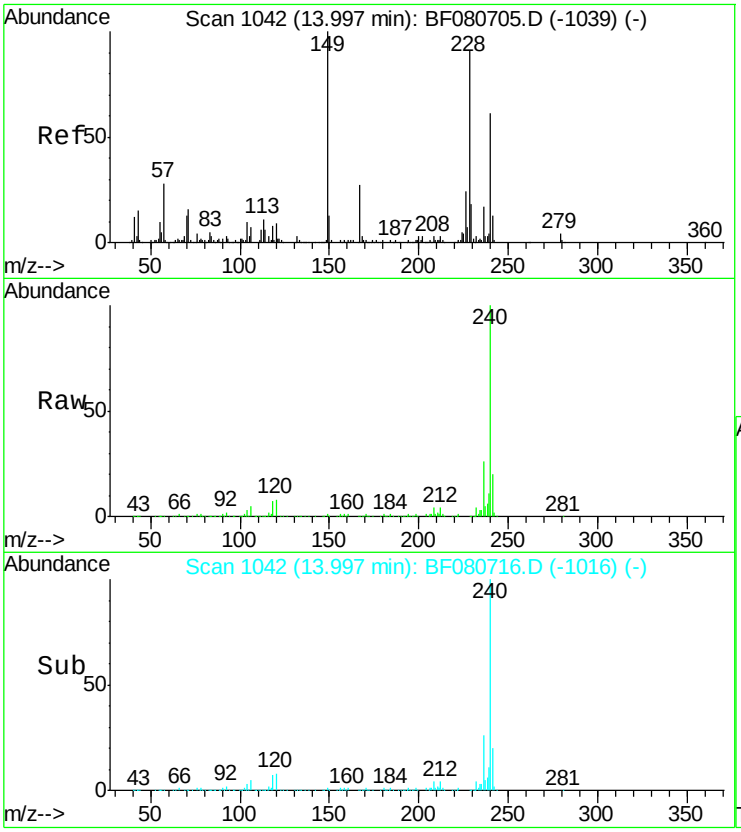


#66
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Tgt Ion:248 Resp: 31014

Ion	Ratio	Lower	Upper
248	100		
250	186.3	78.4	117.6#
141	611.7	57.5	86.3#



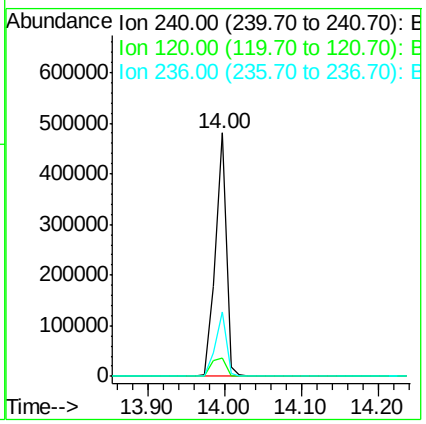


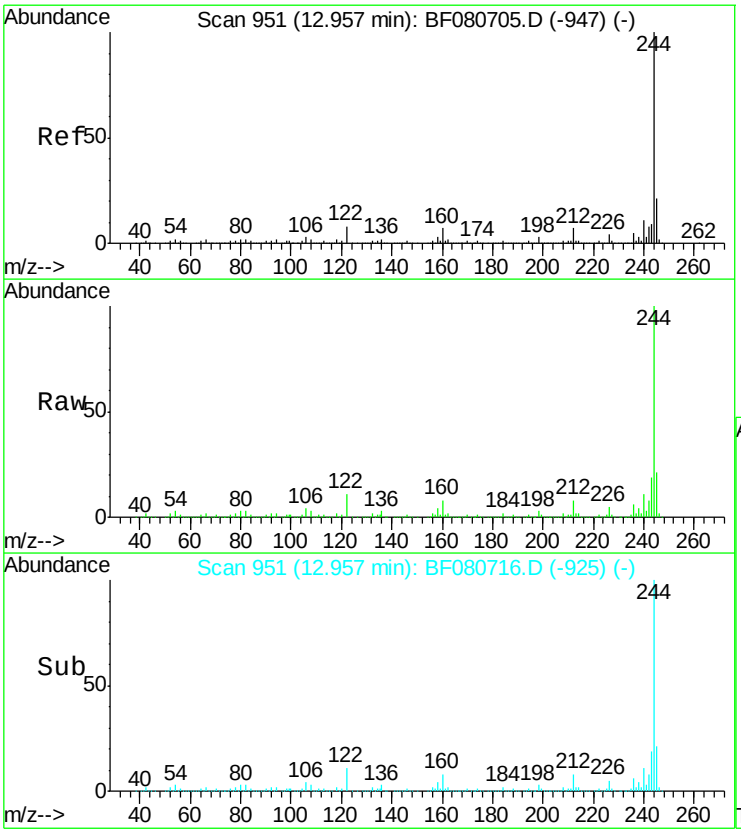
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)RE

Tgt Ion:240 Resp: 471611

Ion	Ratio	Lower	Upper
240	100		
120	7.5	11.8	17.8#
236	26.2	21.8	32.8

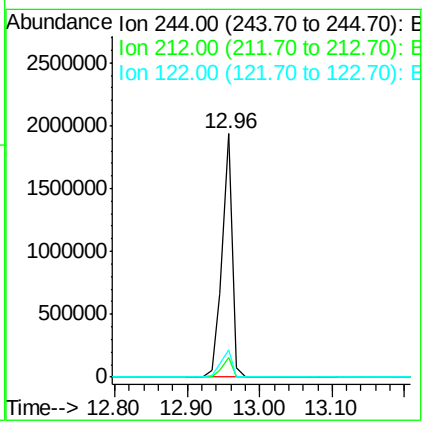


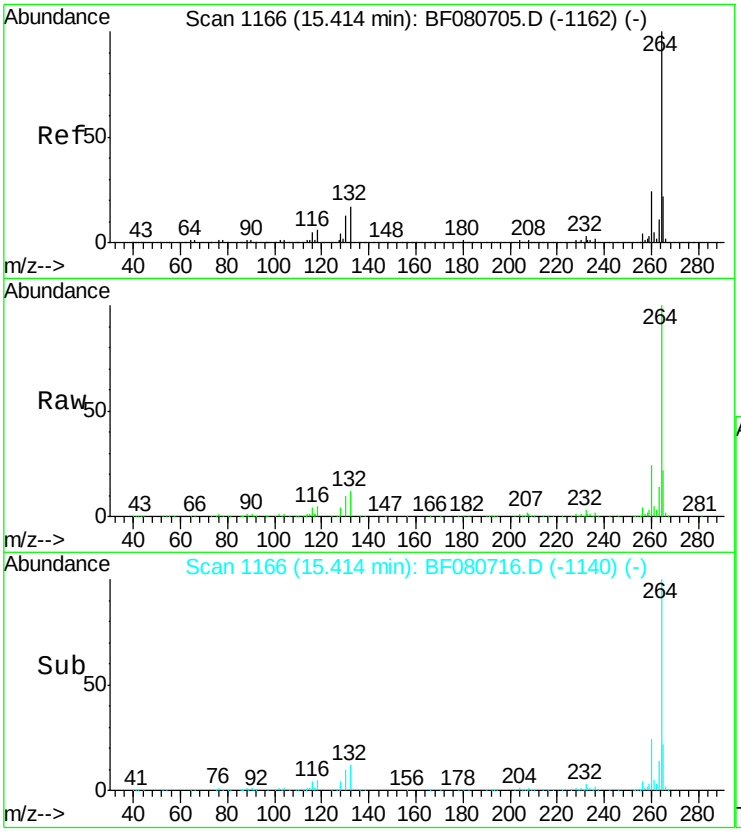


#78
Terphenyl-d14
Concen: 75.55 ng
RT: 12.96 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Tgt Ion:244 Resp: 1883897

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.9	8.9
122	11.2	6.6	9.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF080716.D
Acq: 31 Jul 2015 3:30

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)RE

Tgt Ion:264 Resp: 321281

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.8	17.3	25.9