Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089115.D
Acq On : 19 Jul 2016 13:43
Operator : UM/SJ
Sample : PB92230BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92230BL

Quant Time: Jul 20 02:12:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:28:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	52455	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	217484	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	98407	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	160633	20.00	ng	0.00
75) Chrysene-d12	13.75	240	107788	20.00	ng	-0.01
86) Perylene-d12	15.10	264	93361	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	266769	76.22	ng	0.01
7) Phenol-d6	6.27	99	336975	74.51	ng	-0.01
23) Nitrobenzene-d5	7.19	82	301375	72.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	60176	65.85	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	603826	96.92	ng	0.00
78) Terphenyl-d14	12.72	244	374105	77.31	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	39774	13.09	ng	# 76
50) 2,6-Dinitrotoluene	9.66	165	12346	7.95	ng	# 37
56) 2,4-Dinitrotoluene	9.66	165	12346	6.08	ng	# 36
66) 4-Bromophenyl-phenylether	10.44	248	4380	2.71	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
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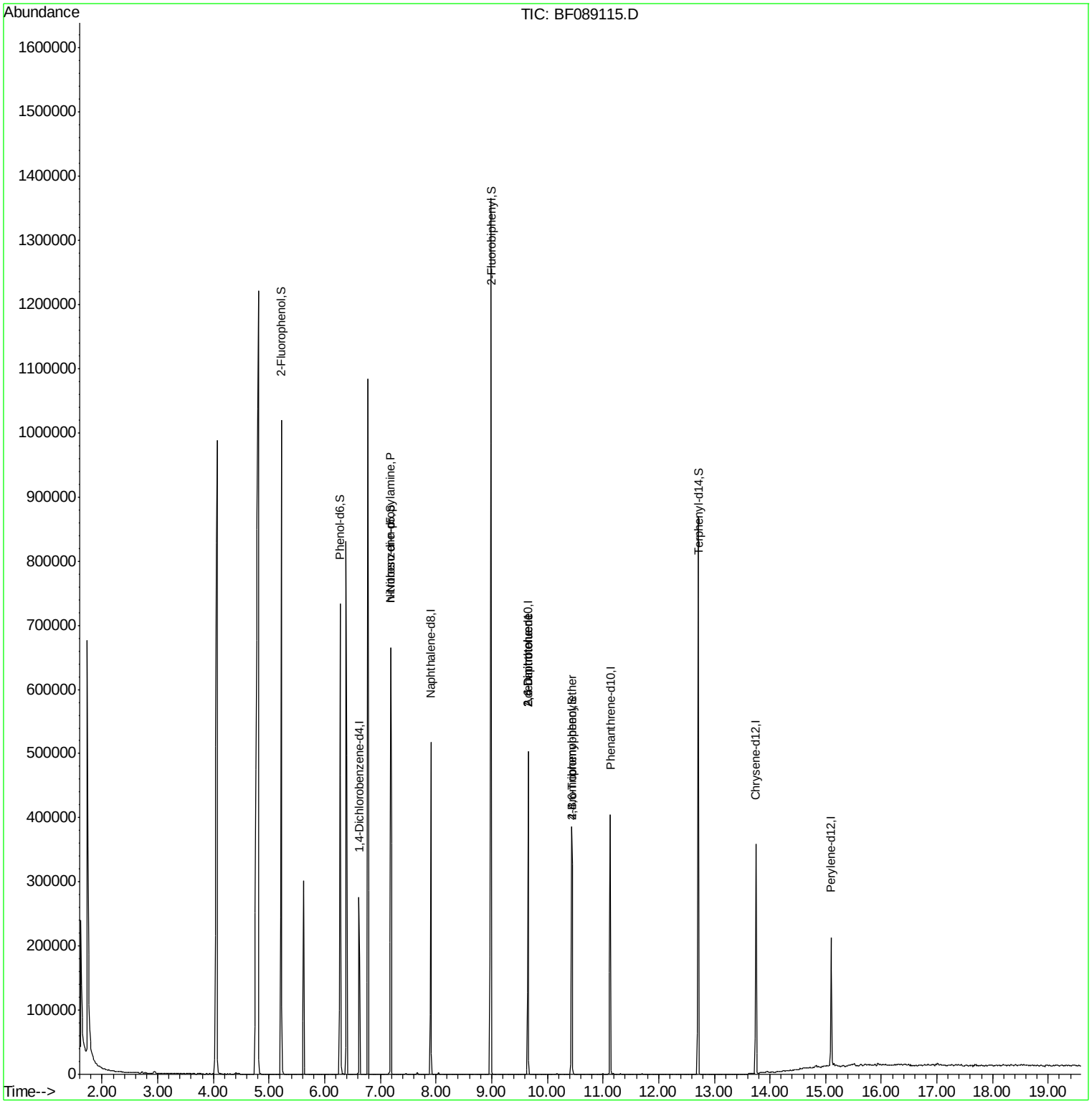
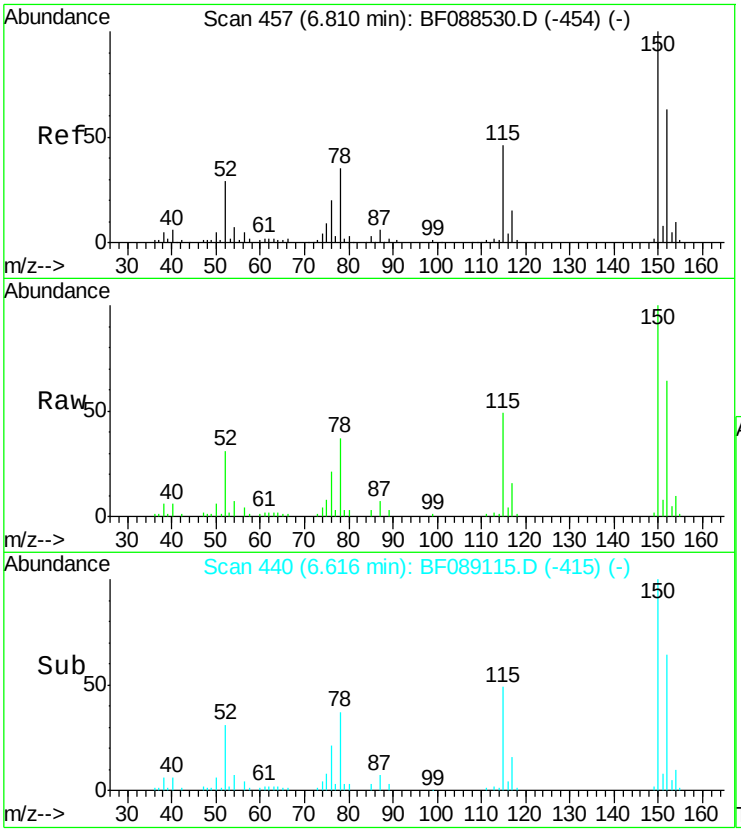


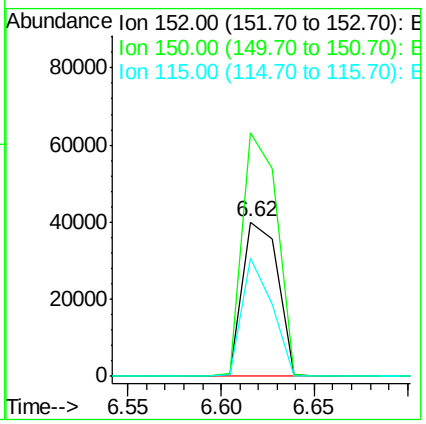


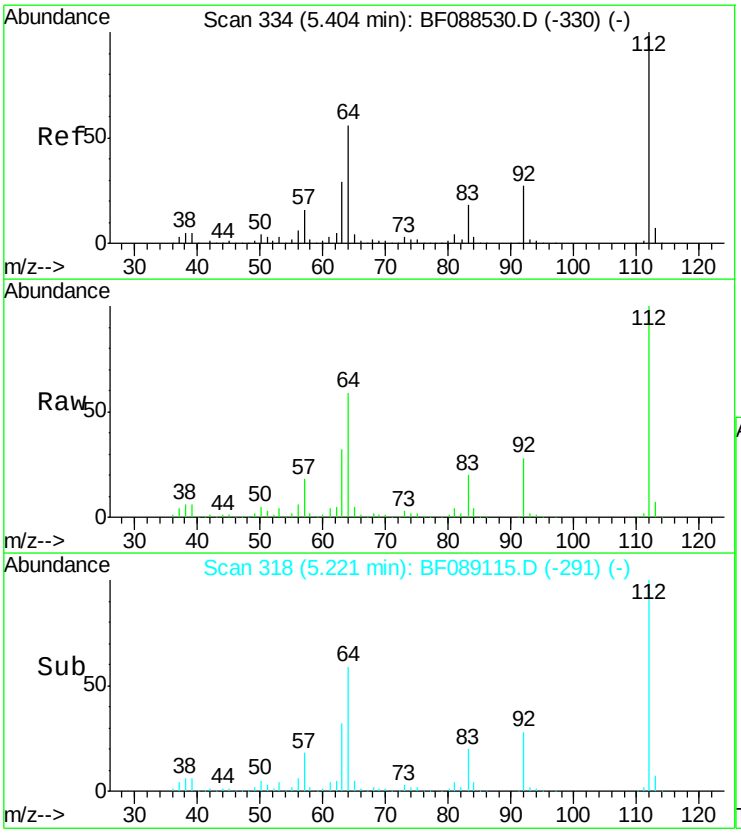
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :
PB92230BL

Tgt Ion:152 Resp: 52455

Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.8	185.6
115	76.4	39.6	59.4#

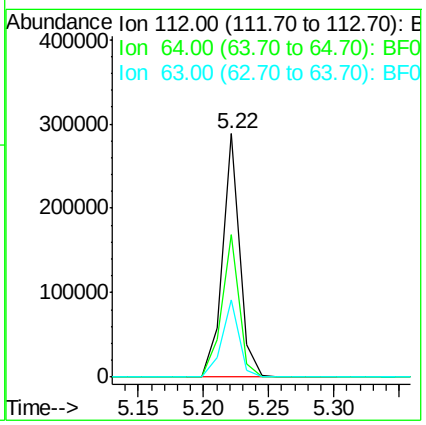


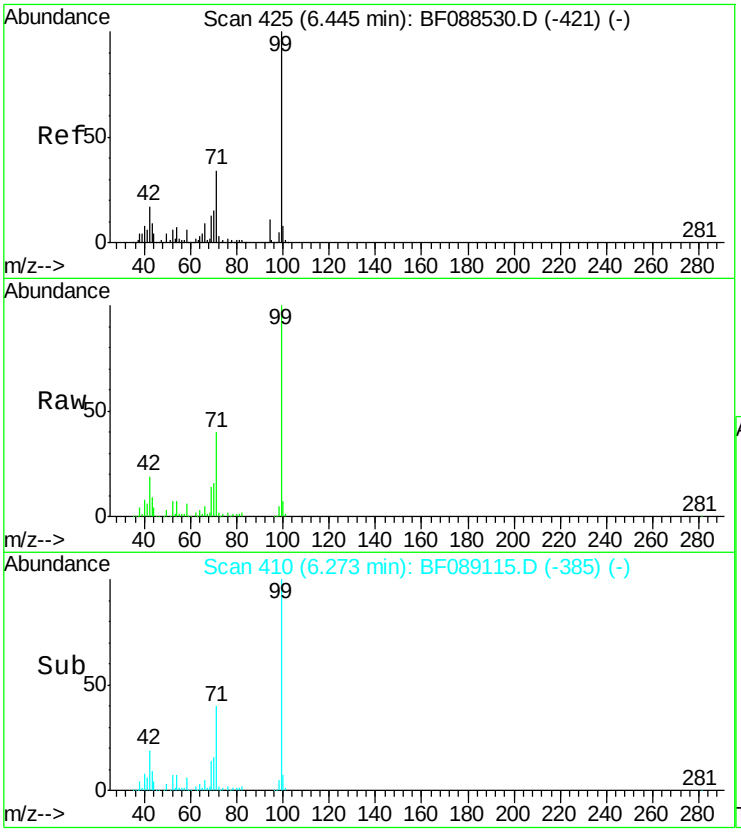


#5
2-Fluorophenol
Concen: 76.22 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.01 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Tgt Ion:112 Resp: 266769

Ion	Ratio	Lower	Upper
112	100		
64	58.7	42.2	63.2
63	31.6	21.8	32.8



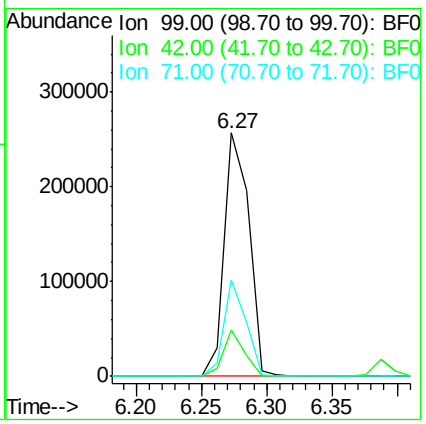


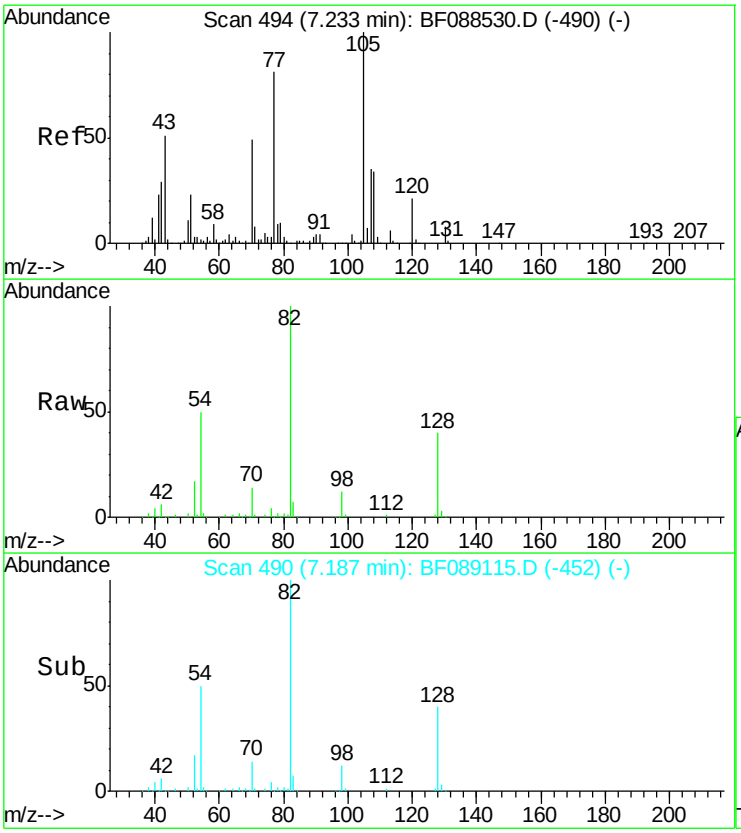
#7
Phenol-d6
Concen: 74.51 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :
PB92230BL

Tgt Ion: 99 Resp: 336975

Ion	Ratio	Lower	Upper
99	100		
42	19.0	12.2	18.2#
71	39.7	23.4	35.0#

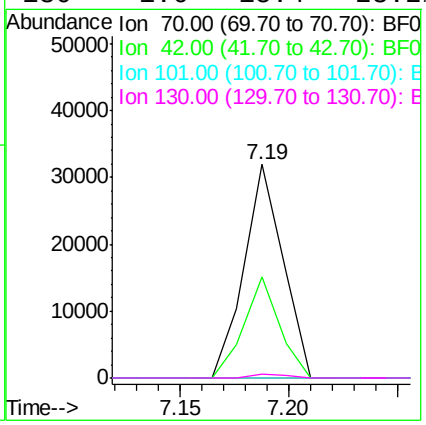


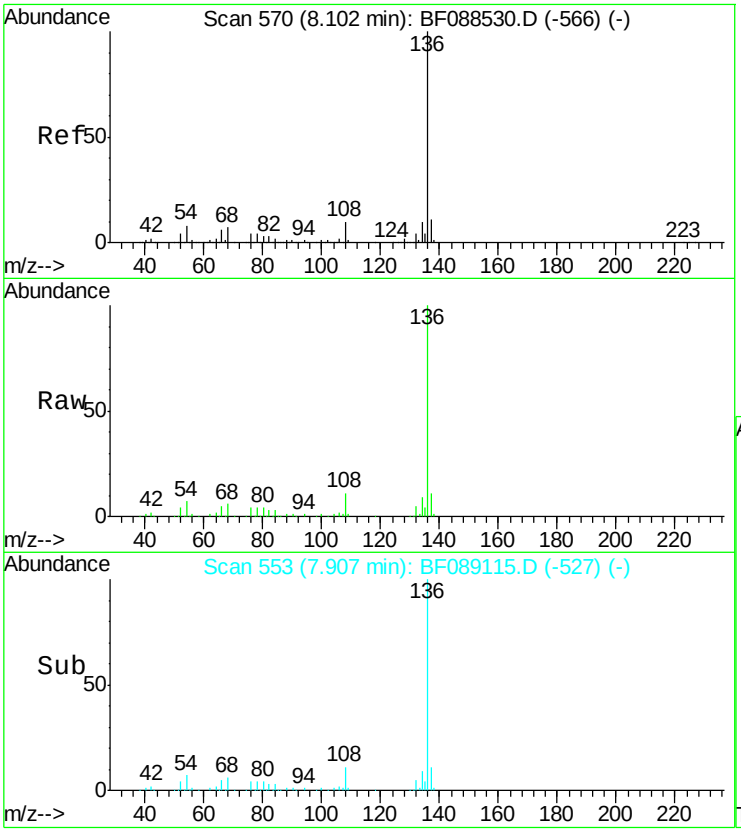


#19
n-Nitroso-di-n-propylamine
Concen: 13.09 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.14 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Tgt Ion: 70 Resp: 39774

Ion	Ratio	Lower	Upper
70	100		
42	47.4	49.6	74.4#
101	0.0	7.1	10.7#
130	1.6	15.4	23.2#



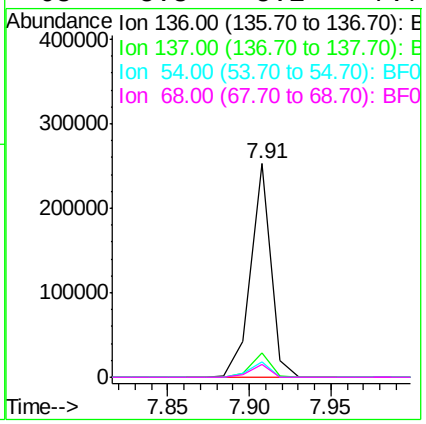


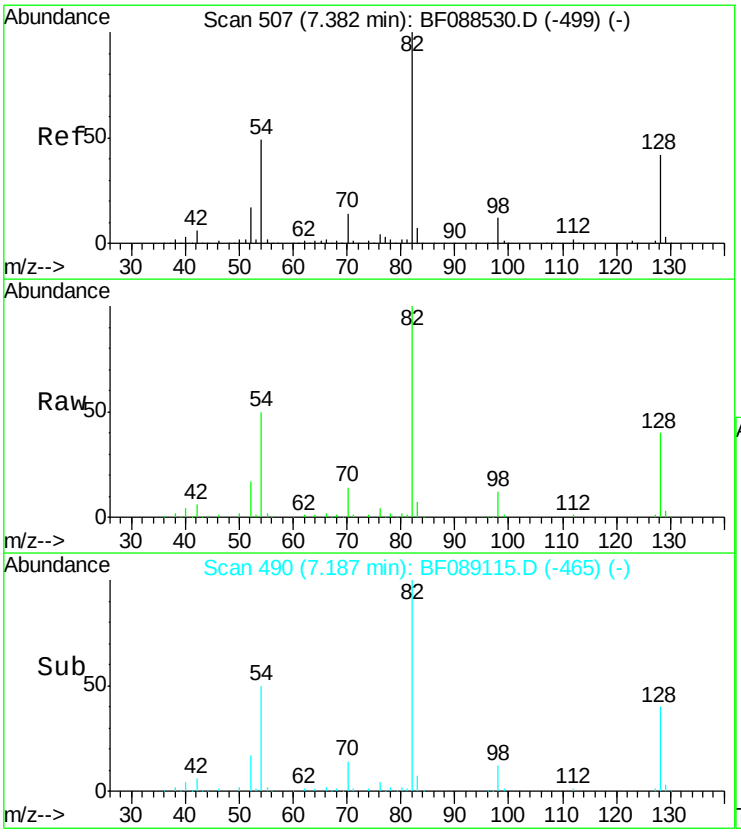
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :
PB92230BL

Tgt Ion:136 Resp: 217484

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.4	6.6	10.0
68	5.8	5.1	7.7

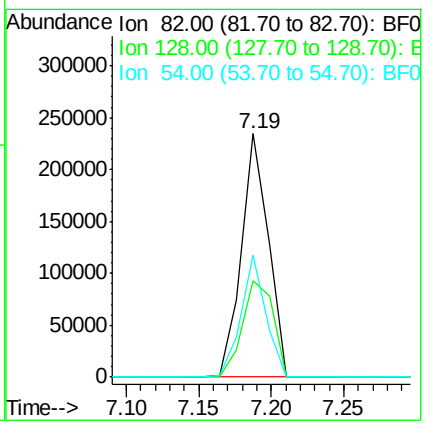


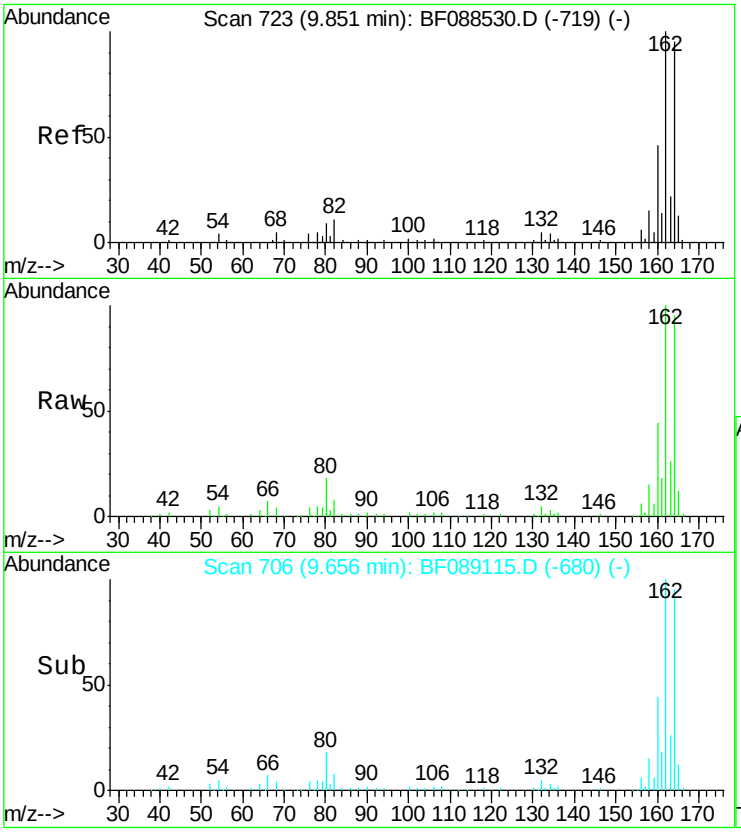


#23
Nitrobenzene-d5
Concen: 72.62 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Tgt Ion: 82 Resp: 301375

Ion	Ratio	Lower	Upper
82	100		
128	39.6	35.9	53.9
54	49.9	40.9	61.3



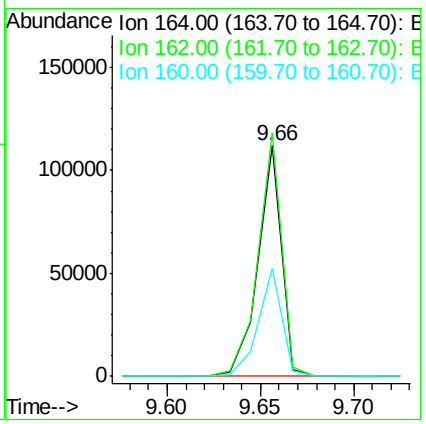


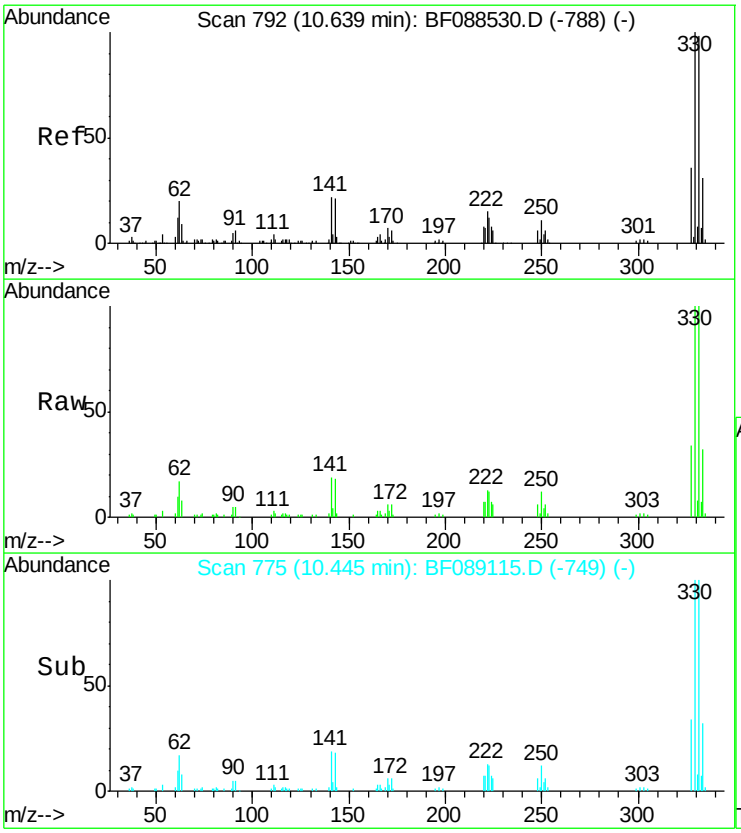
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :
PB92230BL

Tgt Ion:164 Resp: 98407

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.4	128.2
160	46.6	39.5	59.3

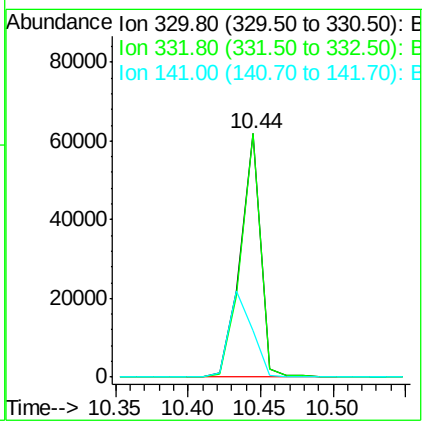


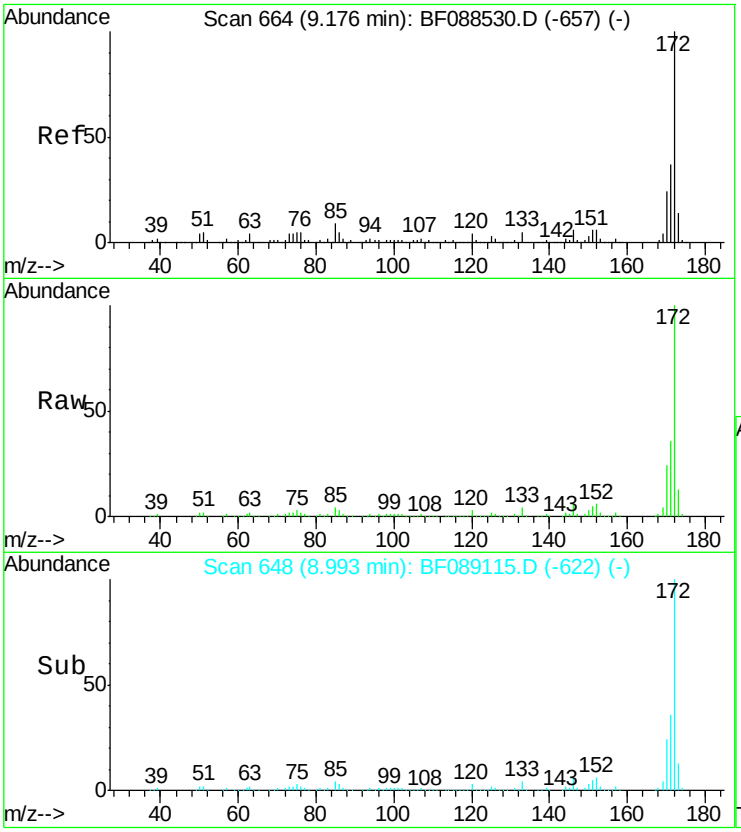


#41
2,4,6-Tribromophenol
Concen: 65.85 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Tgt Ion:330 Resp: 60176

Ion	Ratio	Lower	Upper
330	100		
332	98.4	0.0	0.0#
141	40.4	0.0	0.0#



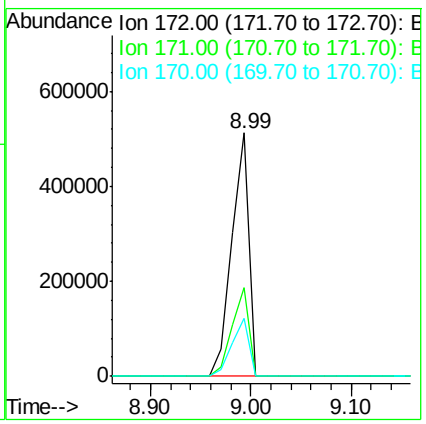


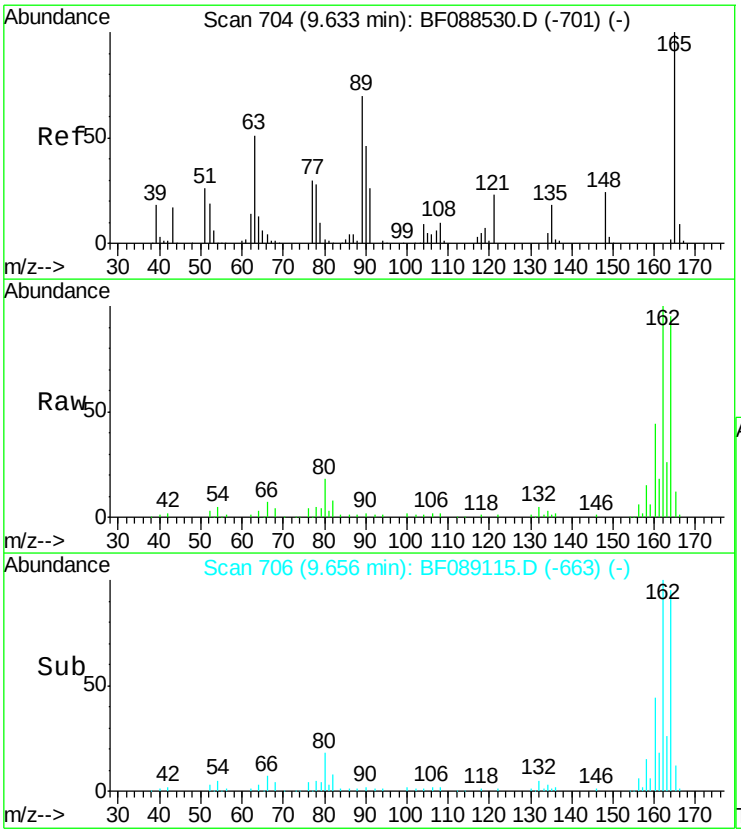
#44
2-Fluorobiphenyl
Concen: 96.92 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :
PB92230BL

Tgt Ion:172 Resp: 603826

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.0	19.2	28.8

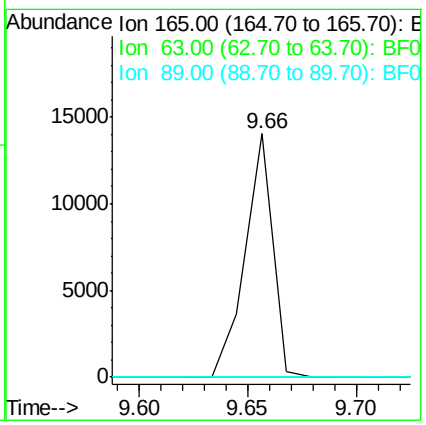


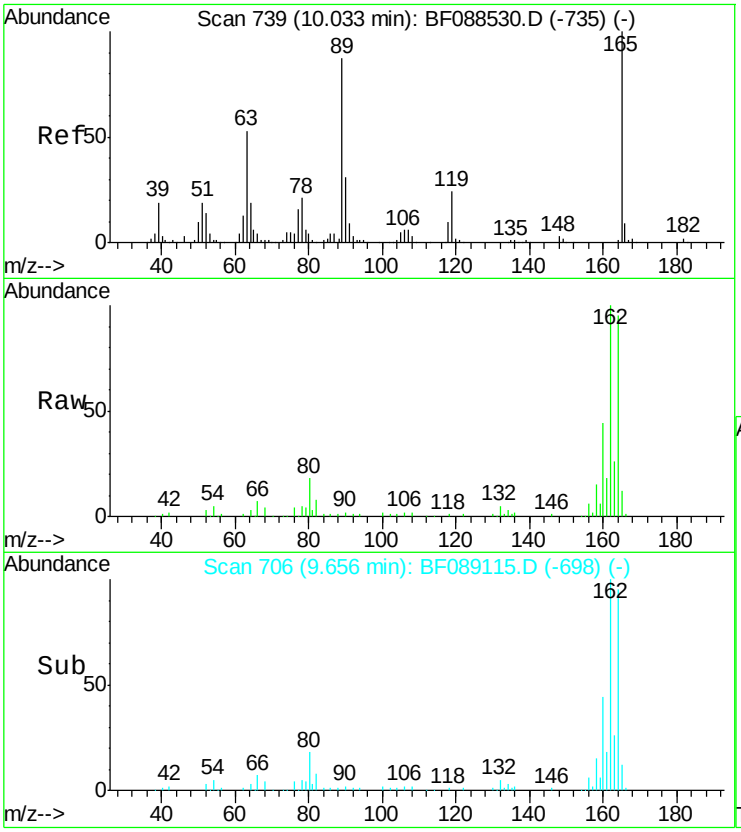


#50
2,6-Dinitrotoluene
Concen: 7.95 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.19 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Tgt Ion:165 Resp: 12346

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



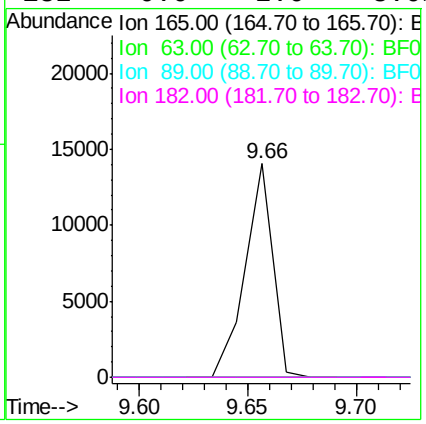


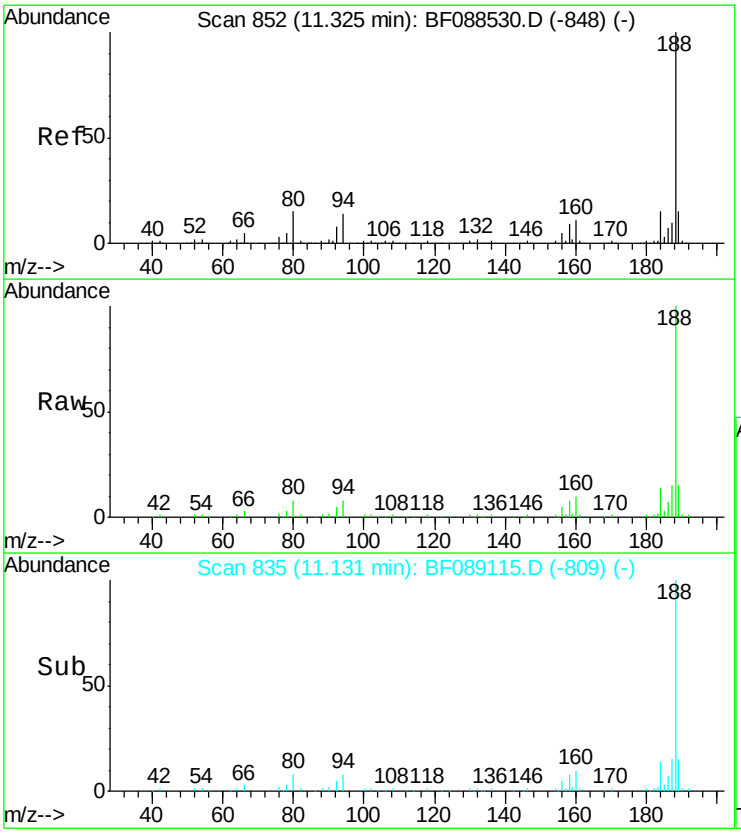
#56
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.21 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :
PB92230BL

Tgt Ion:165 Resp: 12346

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

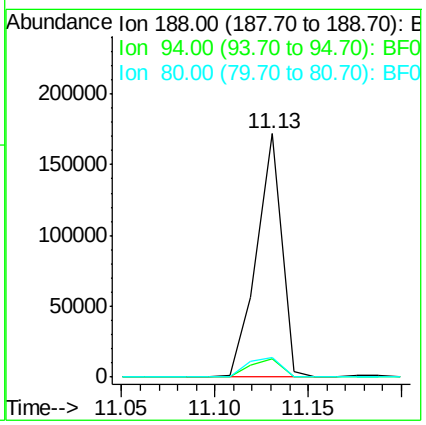


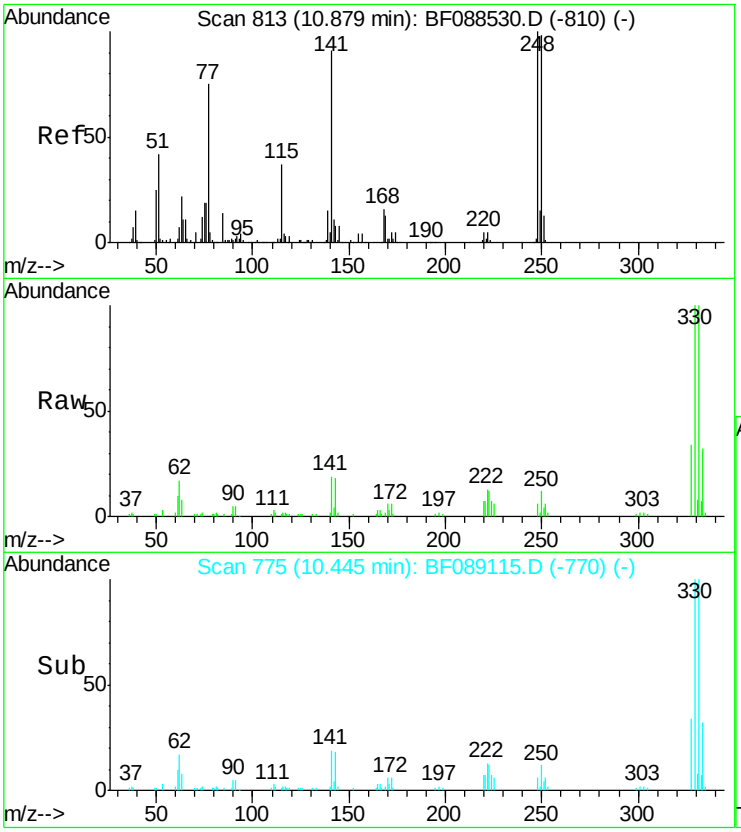


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Tgt Ion:188 Resp: 160633

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.6#
80	8.1	10.0	15.0#



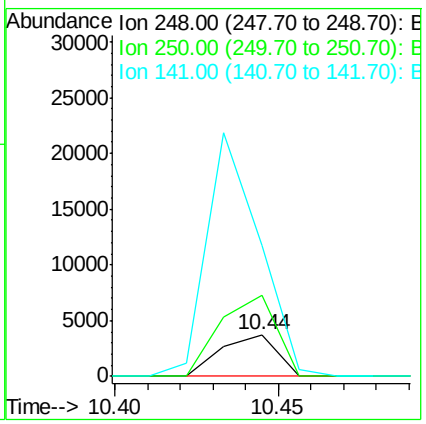


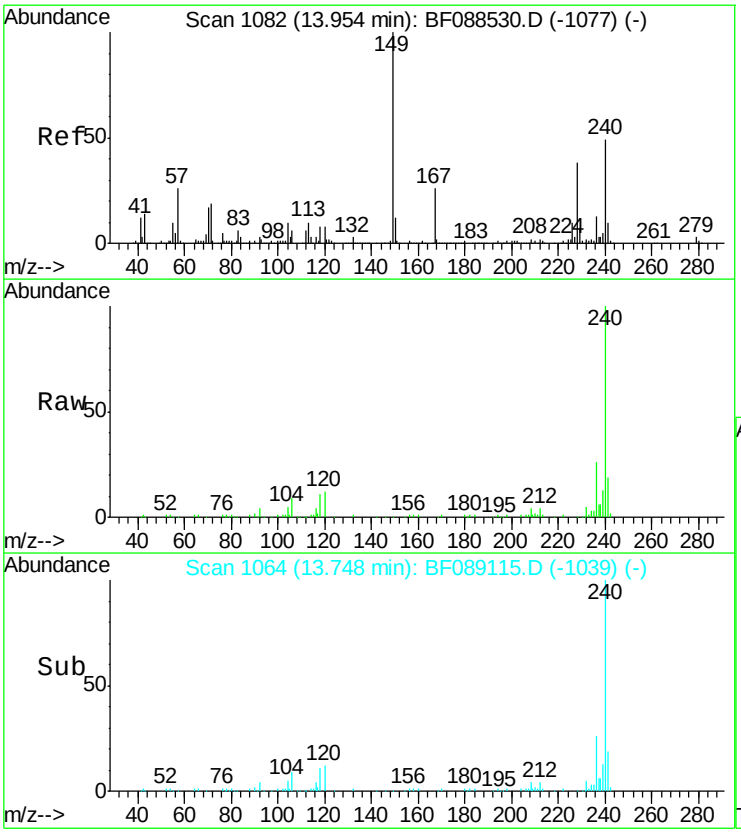
#66
4-Bromophenyl-phenylether
Concen: 2.71 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.24 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :
PB92230BL

Tgt Ion:248 Resp: 4380

Ion	Ratio	Lower	Upper
248	100		
250	196.3	77.1	115.7#
141	315.8	50.6	76.0#

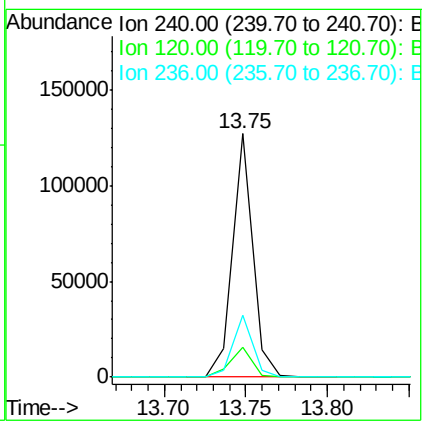


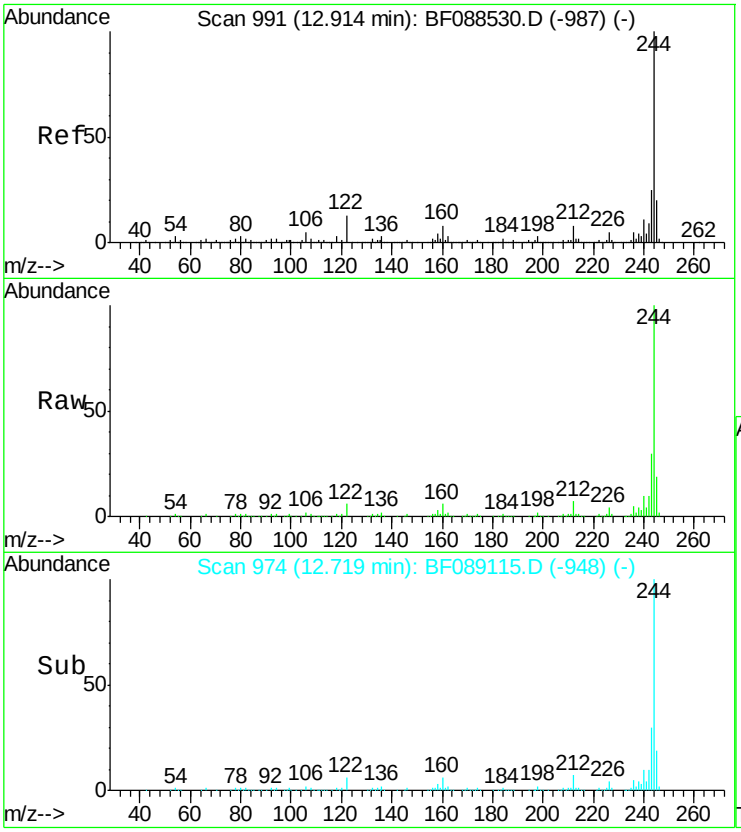


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Tgt Ion:240 Resp: 107788

Ion	Ratio	Lower	Upper
240	100		
120	12.4	6.8	10.2#
236	25.6	20.2	30.2



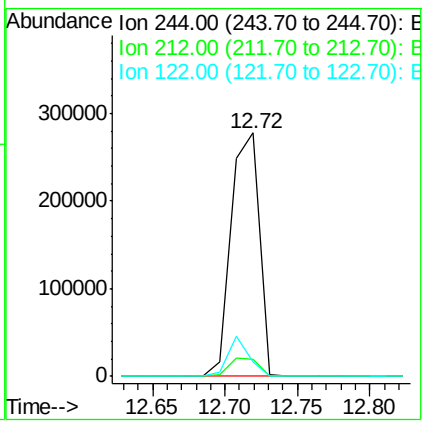


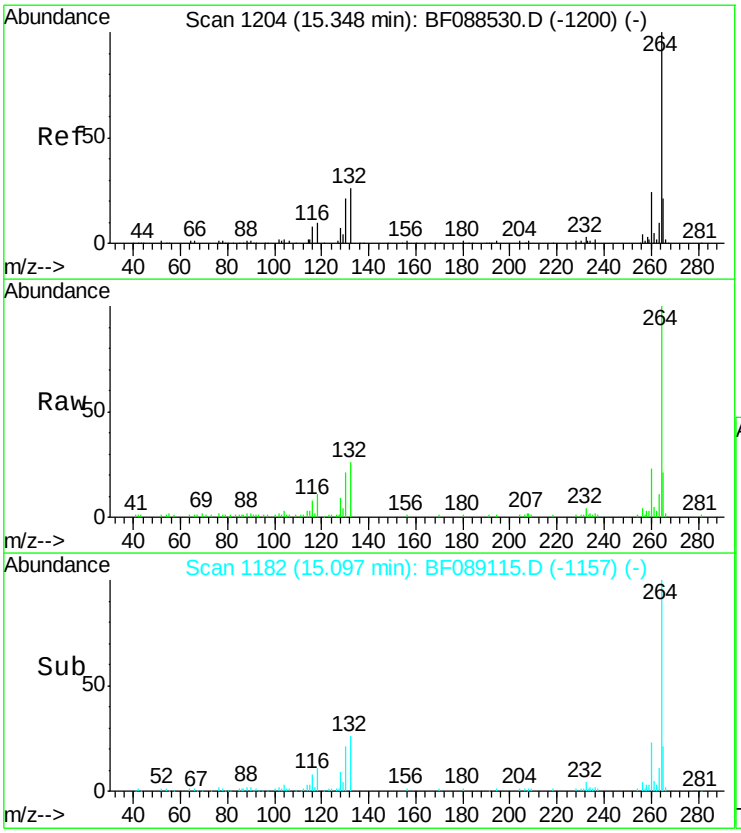
#78
Terphenyl-d14
Concen: 77.31 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Instrument :
BNA_F
ClientSampleId :
PB92230BL

Tgt Ion:244 Resp: 374105

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	5.8	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF089115.D
Acq: 19 Jul 2016 13:43

Tgt Ion:264 Resp: 93361

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	16.9	25.3