Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
Data File : BF083013.D
Acq On : 18 Nov 2015 16:35
Operator : UM/IZ
Sample : PB86689BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 19 01:46:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	158959	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	618179	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	339902	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	608324	20.00	ng		-0.01
75) Chrysene-d12	13.87	240	598888	20.00	ng		-0.02
86) Perylene-d12	15.27	264	600444	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1243488	121.72	ng		0.01
7) Phenol-d6	6.38	99	1624774	119.63	ng		-0.01
23) Nitrobenzene-d5	7.30	82	1078214	75.89	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	383048	98.29	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	1586744	66.91	ng		-0.01
78) Terphenyl-d14	12.83	244	1815484	71.90	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	27741	3.70	ng		89
19) n-Nitroso-di-n-propylamine	7.30	70	139224	13.94	ng	#	64
50) 2,6-Dinitrotoluene	9.77	165	43470	7.32	ng	#	17
56) 2,4-Dinitrotoluene	9.77	165	43470	5.39	ng	#	15
66) 4-Bromophenyl-phenylether	10.56	248	28169	3.85	ng	#	1

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

Quantitation Report (Not Reviewed)

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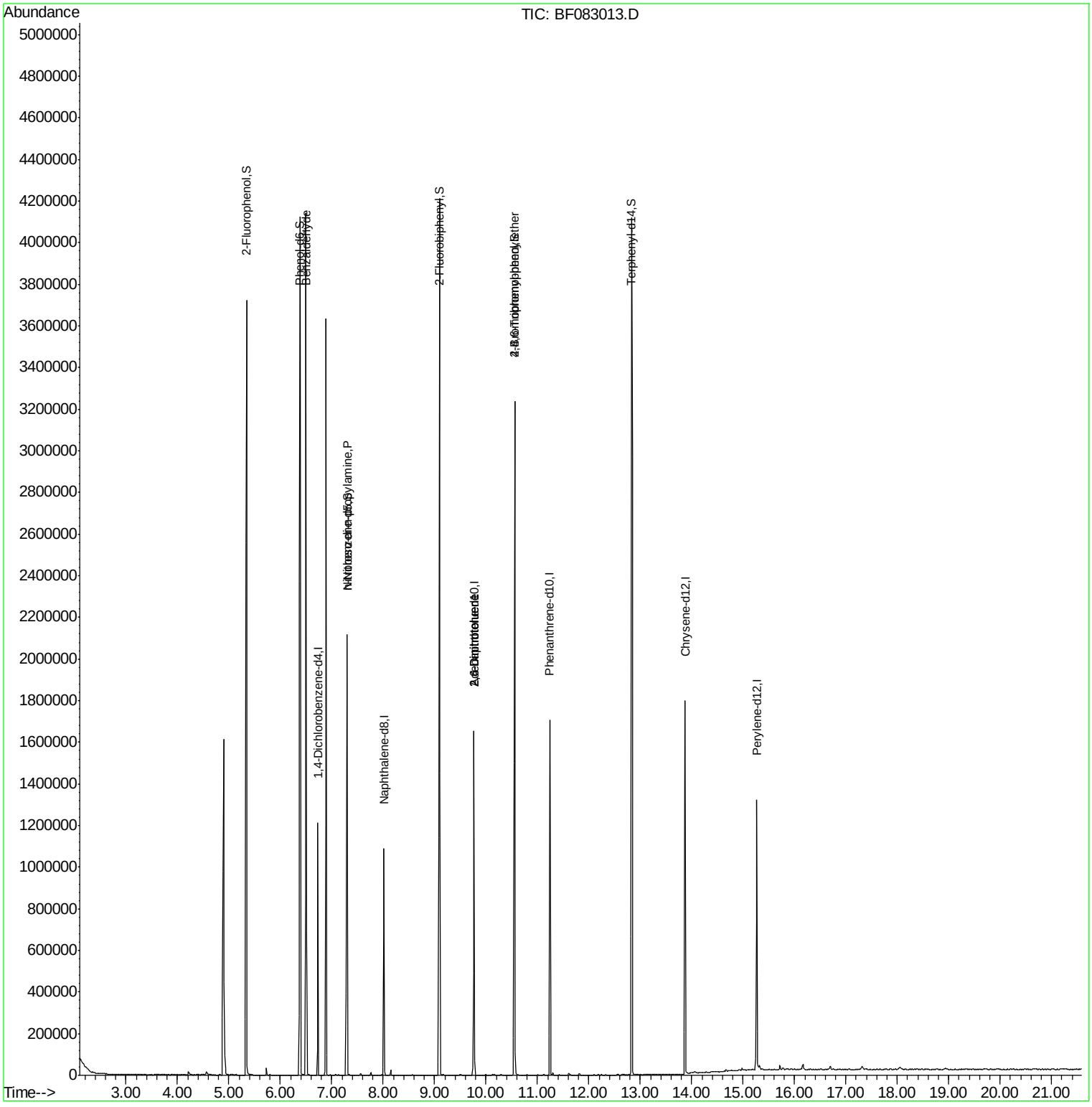
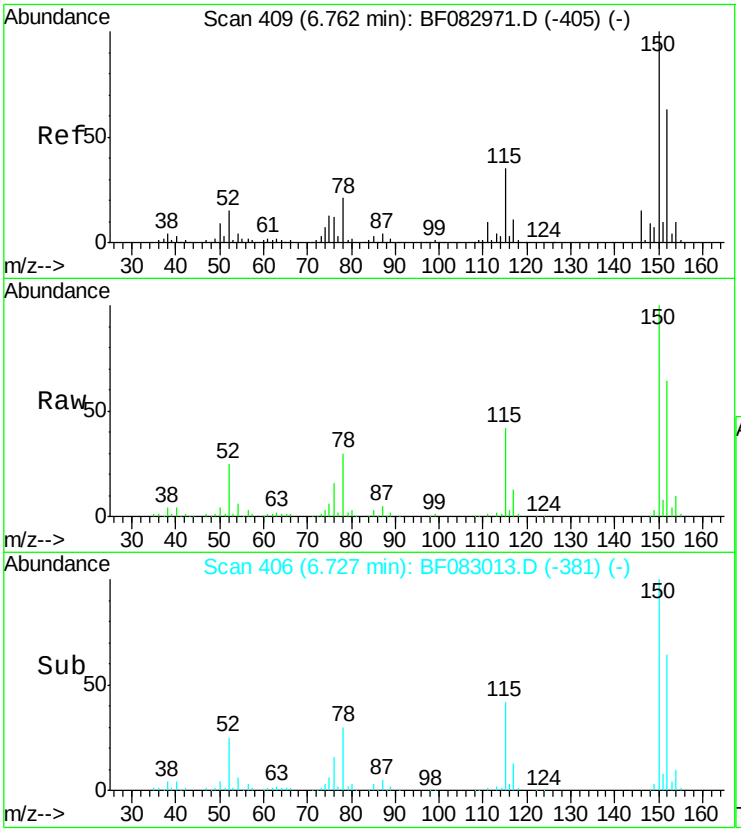


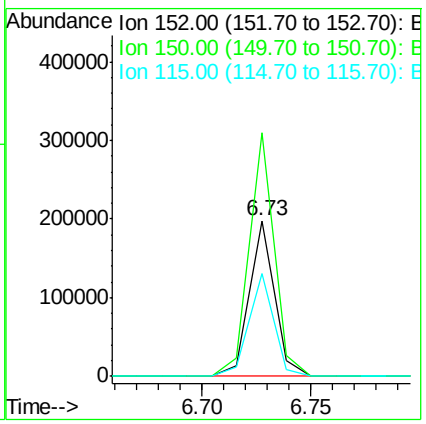


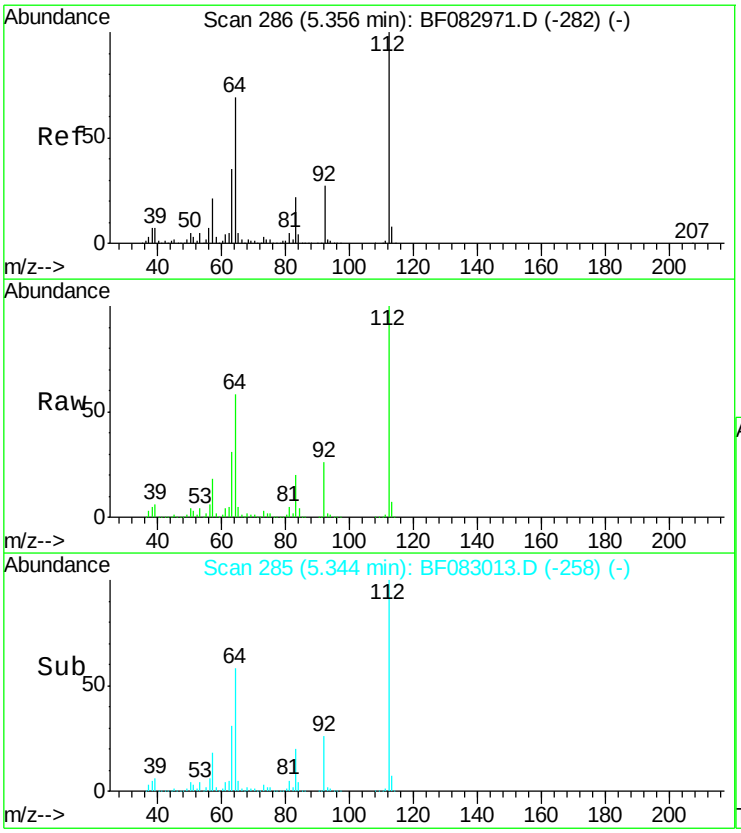
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 158959

Ion	Ratio	Lower	Upper
152	100		
150	156.7	127.0	190.4
115	66.5	47.0	70.6

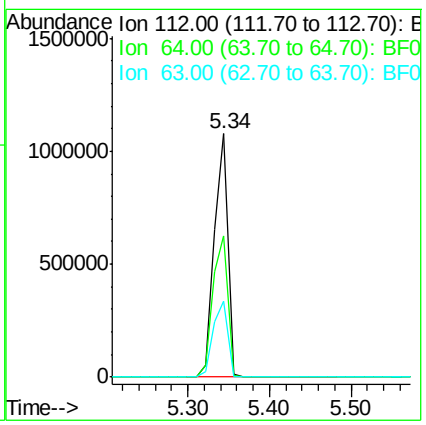


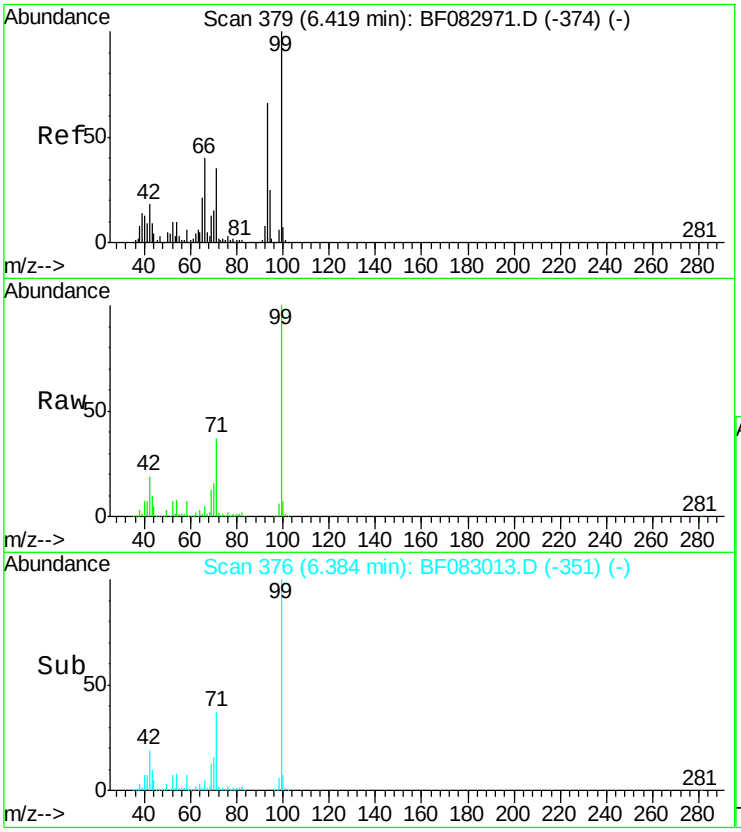


#5
2-Fluorophenol
Concen: 121.72 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Tgt Ion:112 Resp: 1243488

Ion	Ratio	Lower	Upper
112	100		
64	58.2	48.9	73.3
63	31.3	28.1	42.1



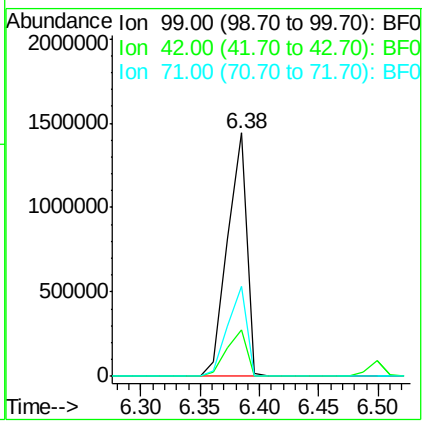


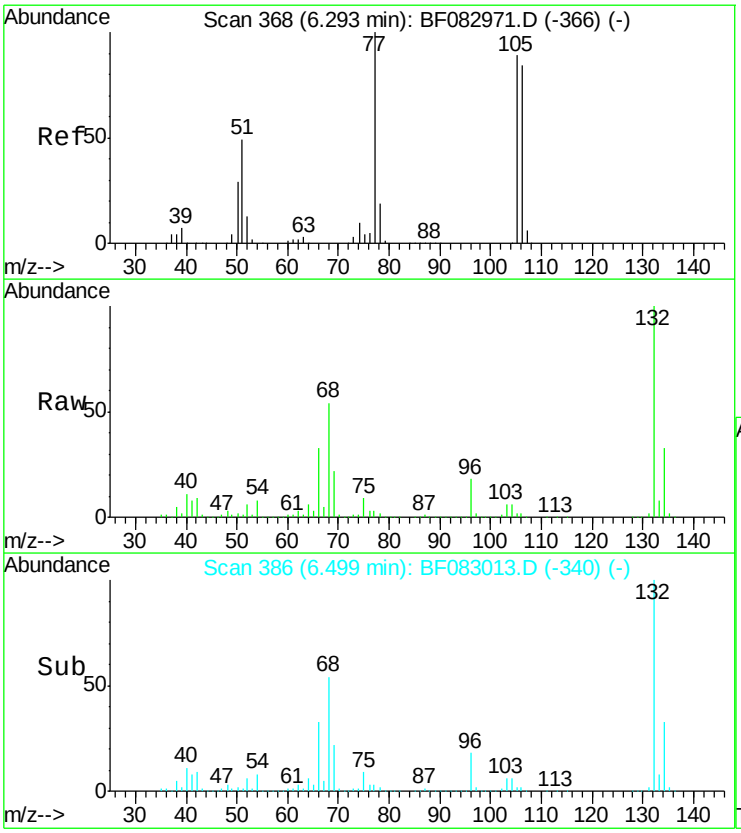
#7
Phenol-d6
Concen: 119.63 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1624774

Ion	Ratio	Lower	Upper
99	100		
42	19.3	19.2	28.8
71	36.7	35.0	52.4

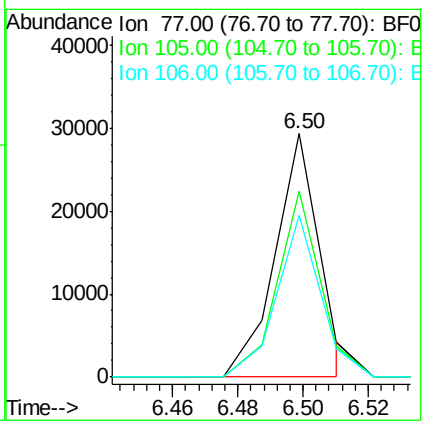


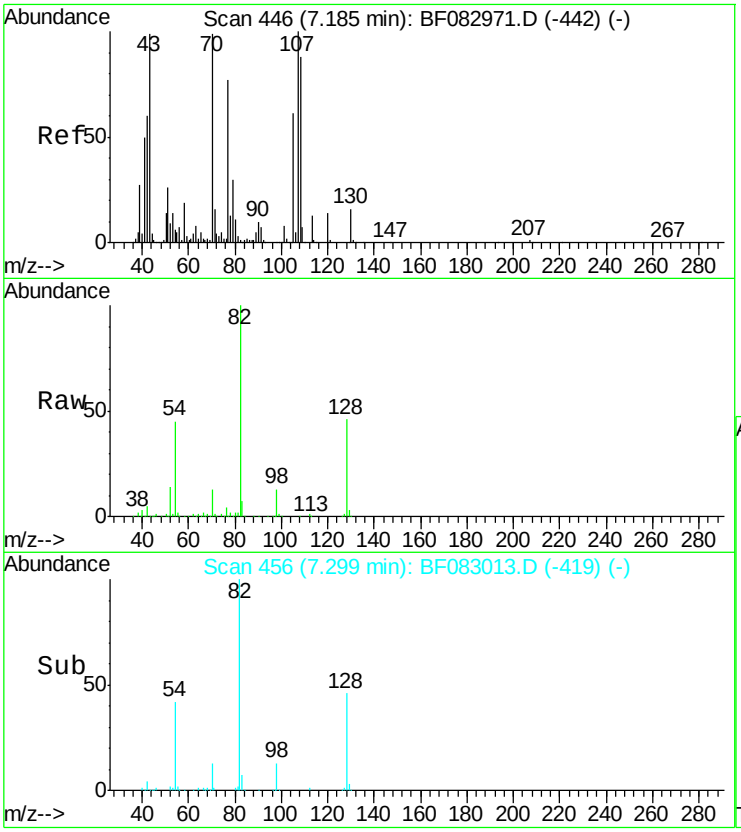


#9
Benzaldehyde
Concen: 3.70 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.23 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Tgt Ion: 77 Resp: 27741

Ion	Ratio	Lower	Upper
77	100		
105	76.4	63.5	103.5
106	66.6	59.3	99.3



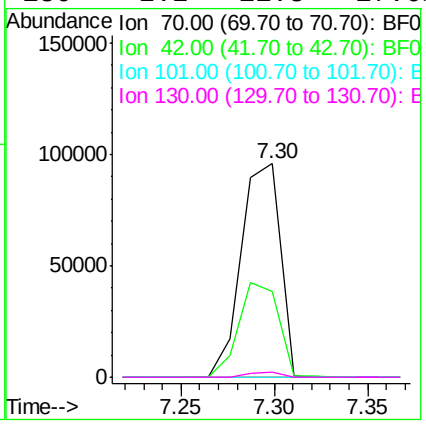


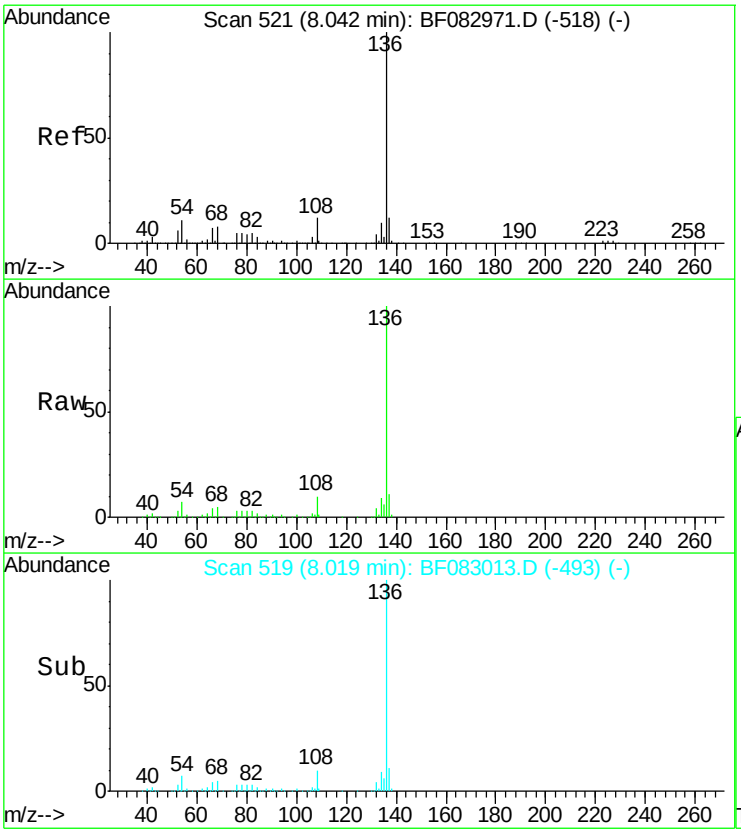
#19
n-Nitroso-di-n-propylamine
Concen: 13.94 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.13 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 139224

Ion	Ratio	Lower	Upper
70	100		
42	40.0	57.7	86.5#
101	0.0	7.0	10.6#
130	2.2	11.8	17.6#

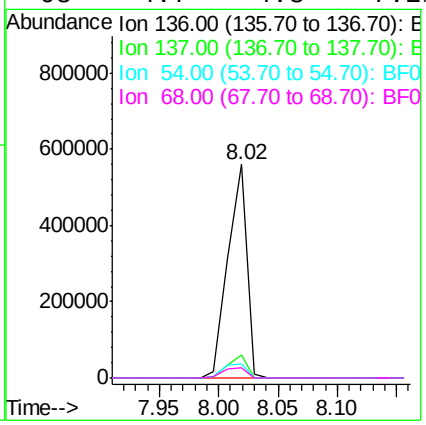


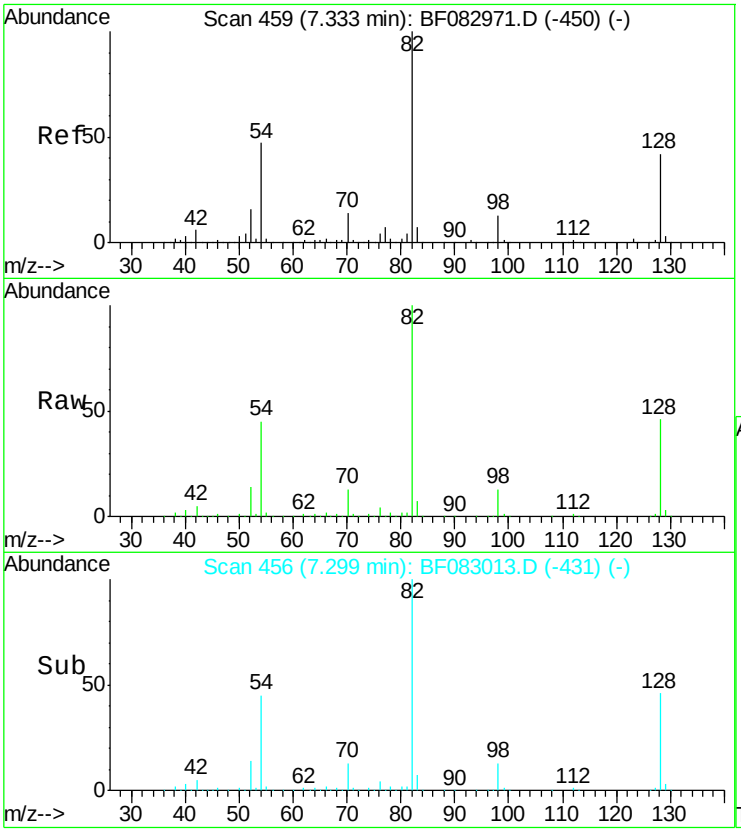


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Tgt Ion:136 Resp: 618179

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	6.6	9.1	13.7#
68	4.7	4.8	7.2#



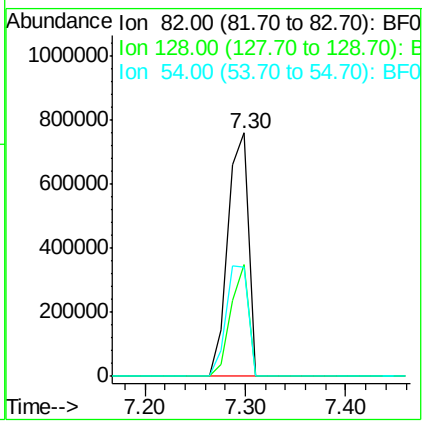


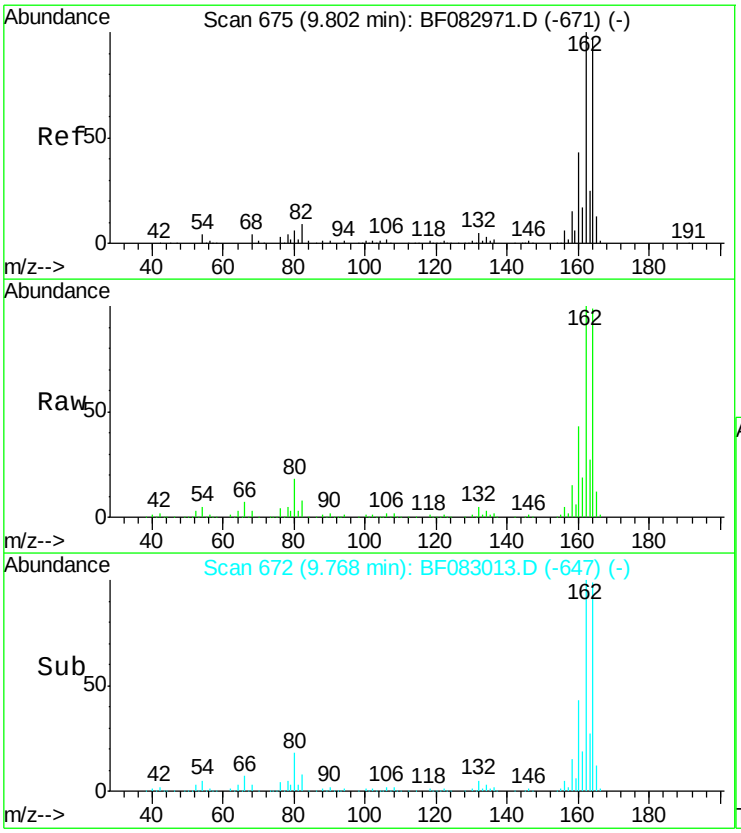
#23
Nitrobenzene-d5
Concen: 75.89 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1078214

Ion	Ratio	Lower	Upper
82	100		
128	45.9	26.8	40.2#
54	45.0	45.7	68.5#

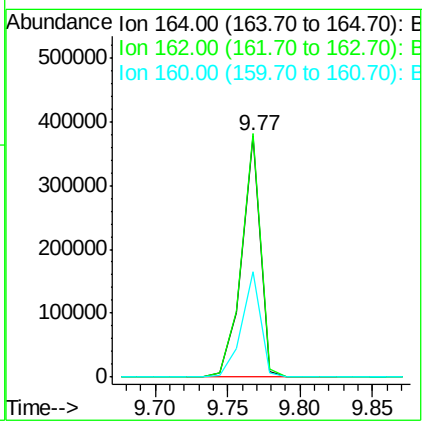


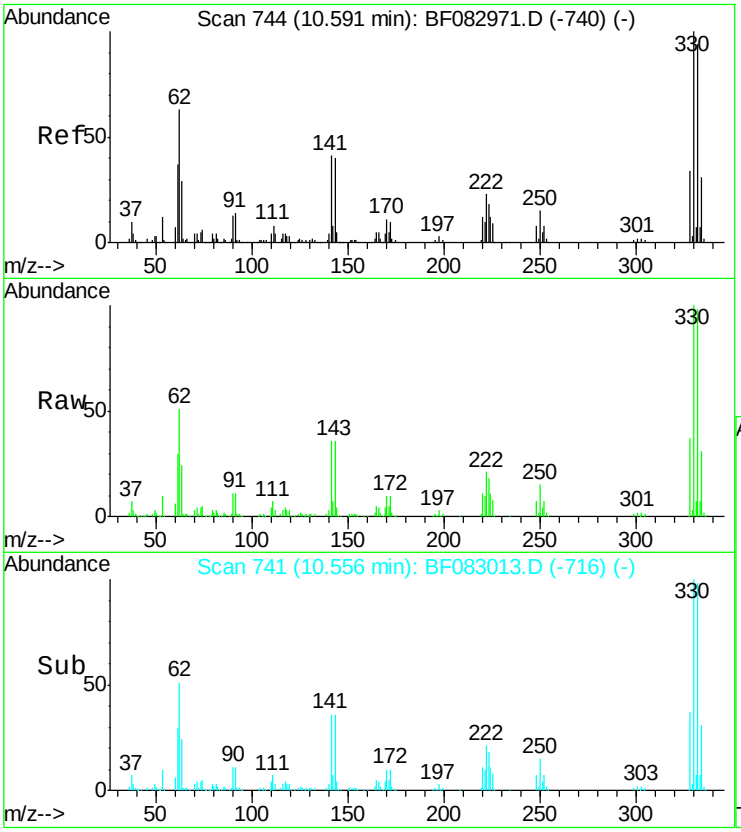


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Tgt Ion:164 Resp: 339902

Ion	Ratio	Lower	Upper
164	100		
162	100.9	84.9	127.3
160	43.8	37.5	56.3



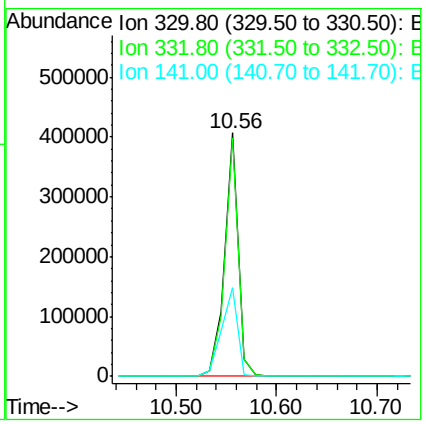


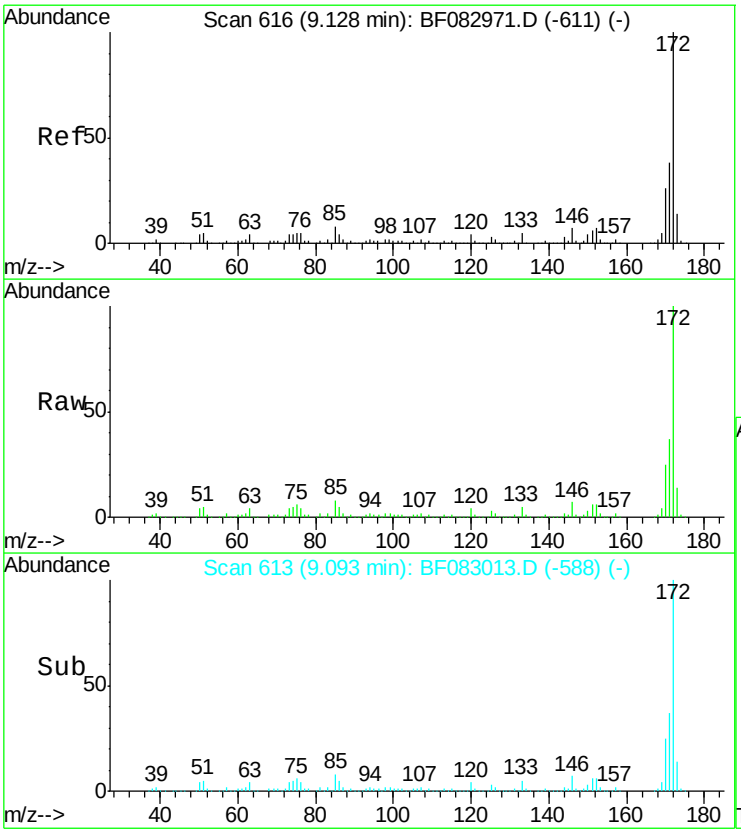
#41
2,4,6-Tribromophenol
Concen: 98.29 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 383048

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	42.2	41.2	61.8

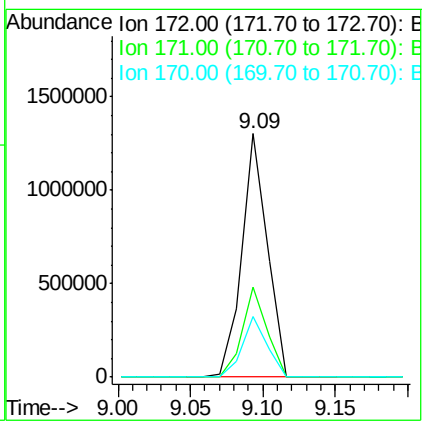


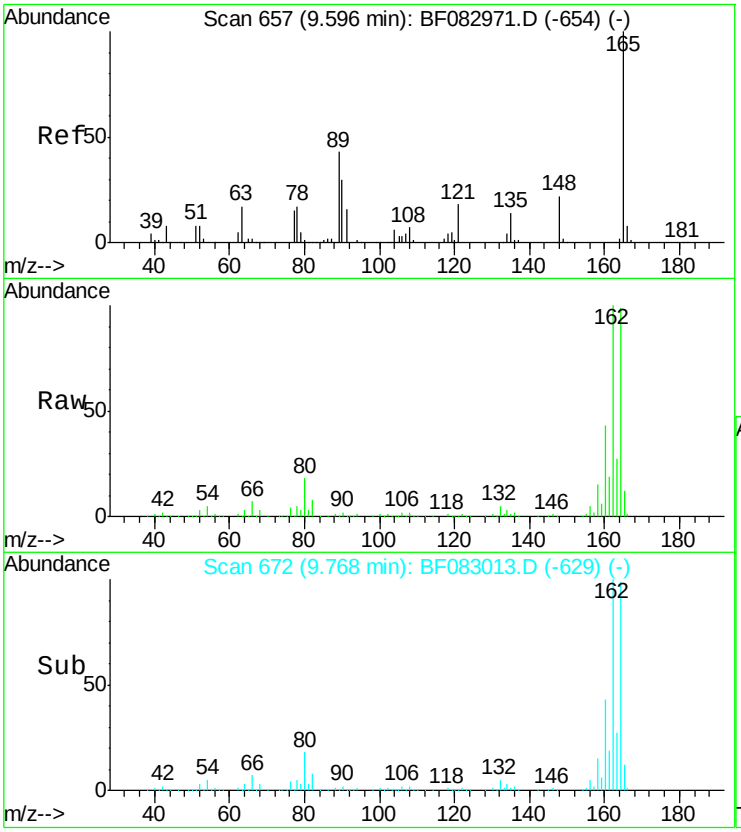


#44
2-Fluorobiphenyl
Concen: 66.91 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Tgt Ion:172 Resp: 1586744

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	24.9	21.2	31.8



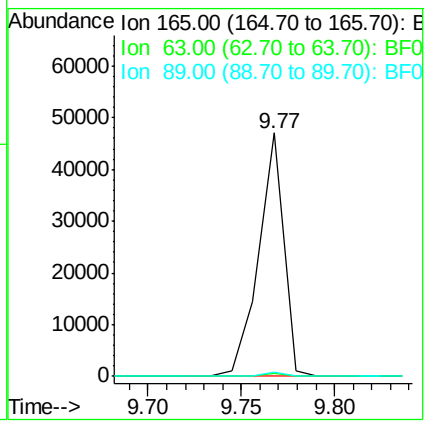


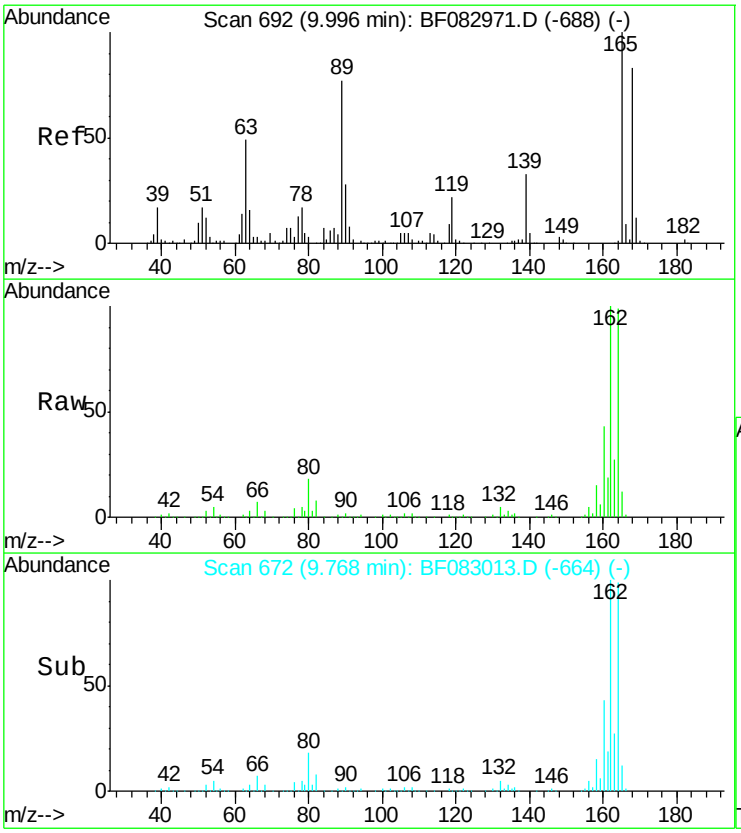
#50
2,6-Dinitrotoluene
Concen: 7.32 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.19 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 43470

Ion	Ratio	Lower	Upper
165	100		
63	1.1	55.5	83.3#
89	1.6	55.0	82.6#

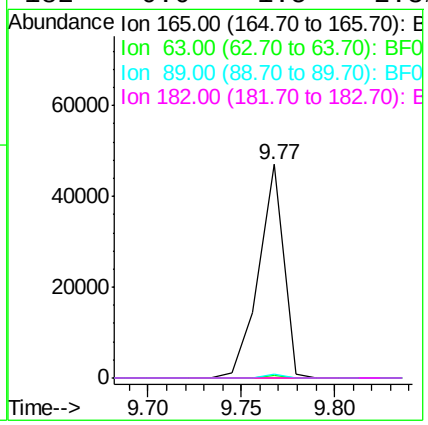


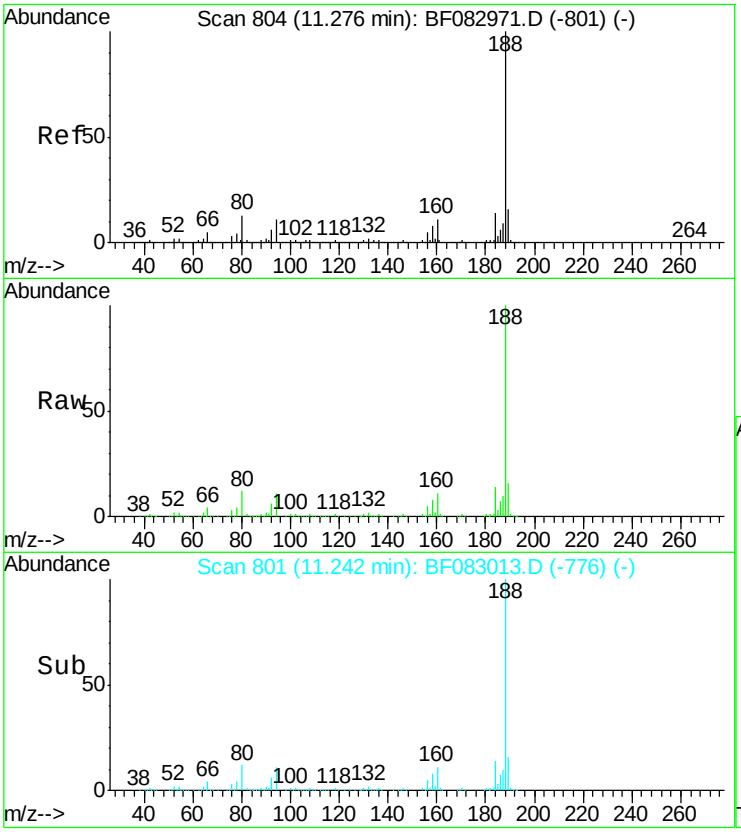


#56
2,4-Dinitrotoluene
Concen: 5.39 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Tgt Ion:165 Resp: 43470

Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.0#
89	1.6	70.6	106.0#
182	0.0	1.5	2.3#



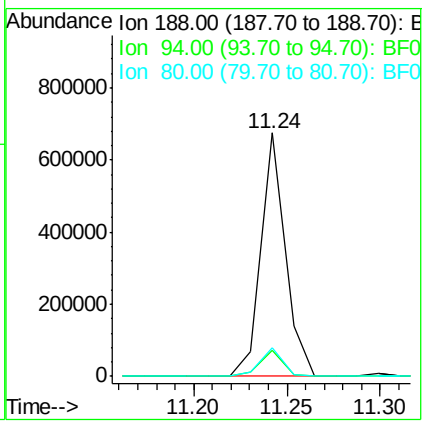


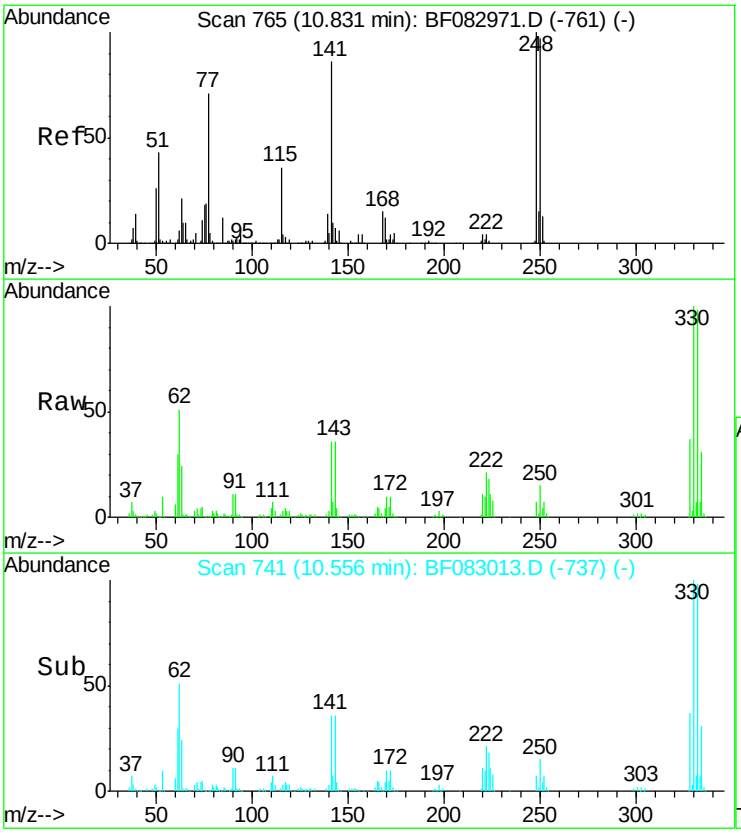
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 608324

Ion	Ratio	Lower	Upper
188	100		
94	10.7	6.1	9.1#
80	11.6	7.0	10.6#

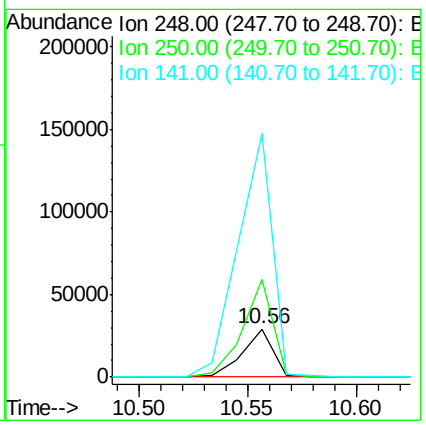


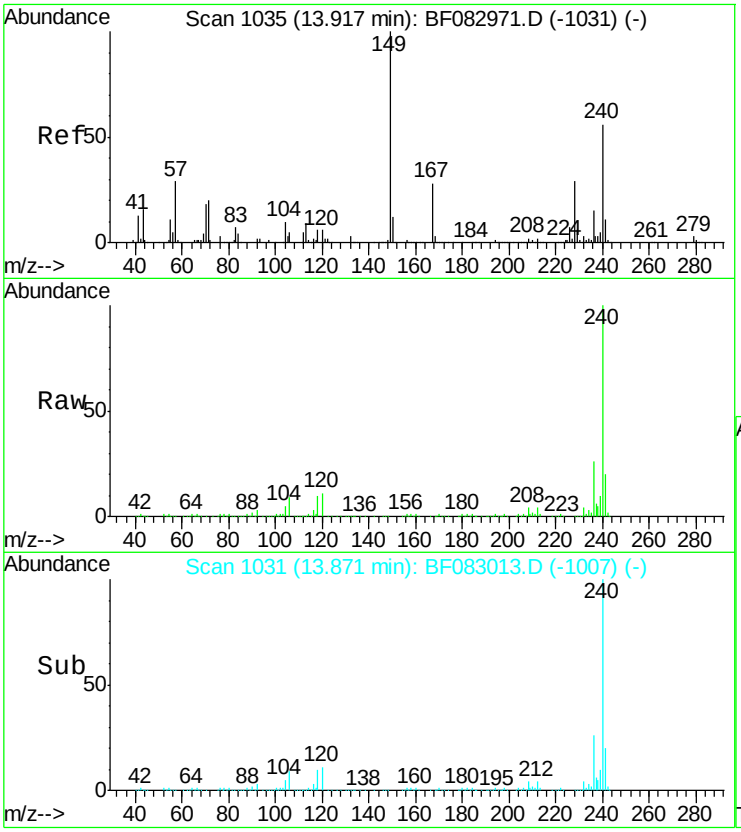


#66
4-Bromophenyl-phenylether
Concen: 3.85 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Tgt Ion:248 Resp: 28169

Ion	Ratio	Lower	Upper
248	100		
250	205.3	79.4	119.2#
141	509.7	36.3	54.5#



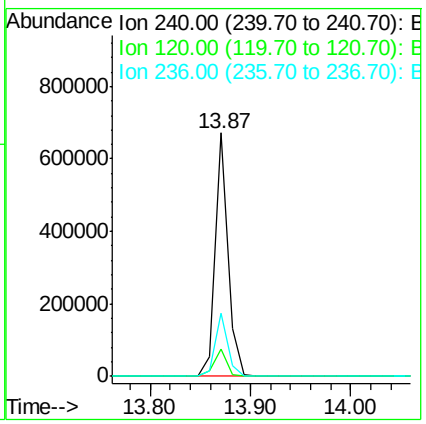


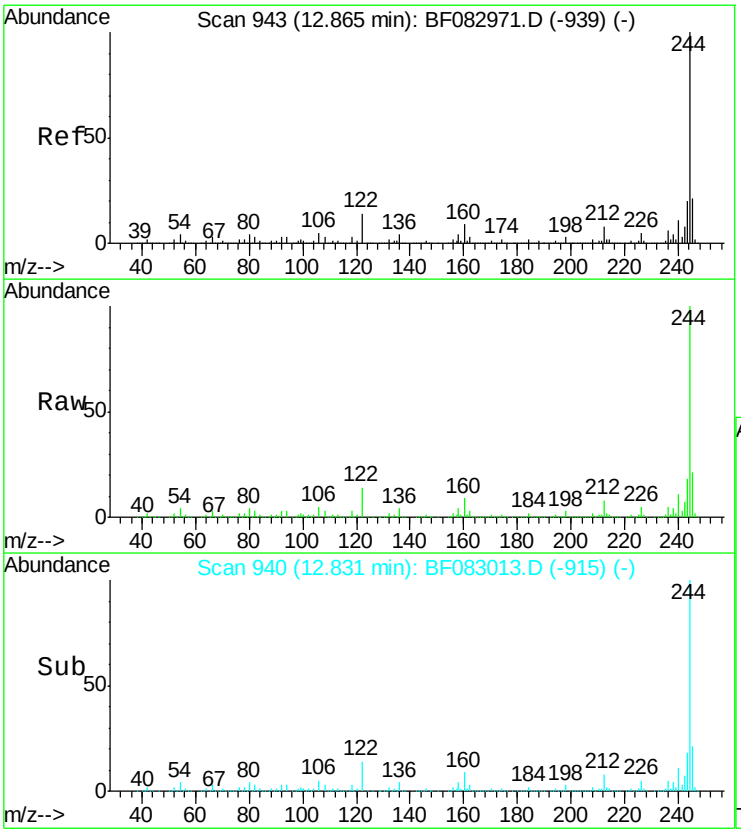
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 598888

Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.9	16.3
236	26.0	21.6	32.4

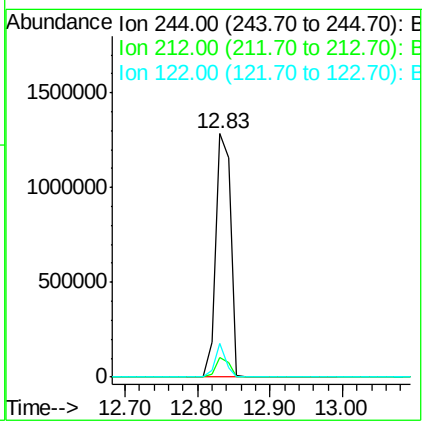


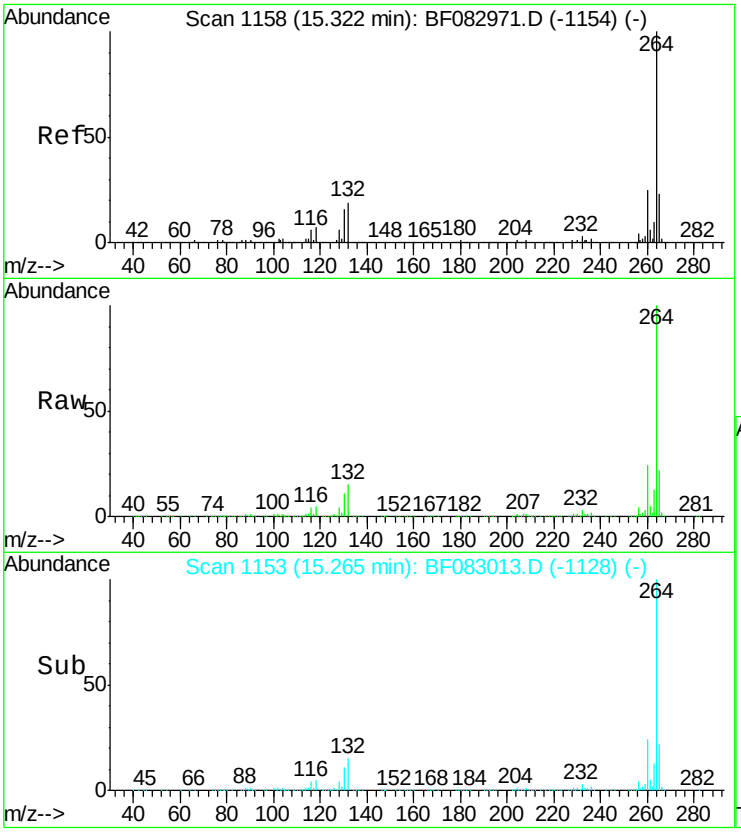


#78
Terphenyl-d14
Concen: 71.90 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Tgt Ion:244 Resp: 1815484

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.6	11.4
122	13.8	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF083013.D
Acq: 18 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 600444

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.8	17.4	26.0