Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089513.D
Acq On : 1 Aug 2016 16:00
Operator : UM/SJ
Sample : H4285-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-SLOPE(0-4)R

Quant Time: Aug 02 01:46:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	38267	20.00	ng		-0.07
21) Naphthalene-d8	7.76	136	160614	20.00	ng		-0.07
38) Acenaphthene-d10	9.51	164	81162	20.00	ng		-0.07
63) Phenanthrene-d10	10.98	188	148930	20.00	ng		-0.07
75) Chrysene-d12	13.60	240	119290	20.00	ng		-0.07
86) Perylene-d12	14.93	264	78947	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	343083	143.15	ng		-0.06
7) Phenol-d6	6.15	99	497568	157.10	ng		-0.06
23) Nitrobenzene-d5	7.05	82	278462	102.33	ng		-0.07
41) 2,4,6-Tribromophenol	10.30	330	81648	121.46	ng		-0.07
44) 2-Fluorobiphenyl	8.84	172	456691	82.58	ng		-0.07
78) Terphenyl-d14	12.56	244	359567	70.55	ng		-0.07
Target Compounds							Qvalue
9) Benzaldehyde	6.25	77	8898	5.75	ng		85
15) Benzyl Alcohol	6.63	79	4091	2.08	ng	#	46
19) n-Nitroso-di-n-propylamine	7.05	70	36610	19.17	ng	#	81
25) Isophorone	7.05	82	256423	46.78	ng	#	67
49) Dimethylphthalate	9.24	163	96005	15.54	ng		99
56) 2,4-Dinitrotoluene	9.51	165	9906	5.93	ng	#	7
66) 4-Bromophenyl-phenylether	10.30	248	6396	4.50	ng	#	1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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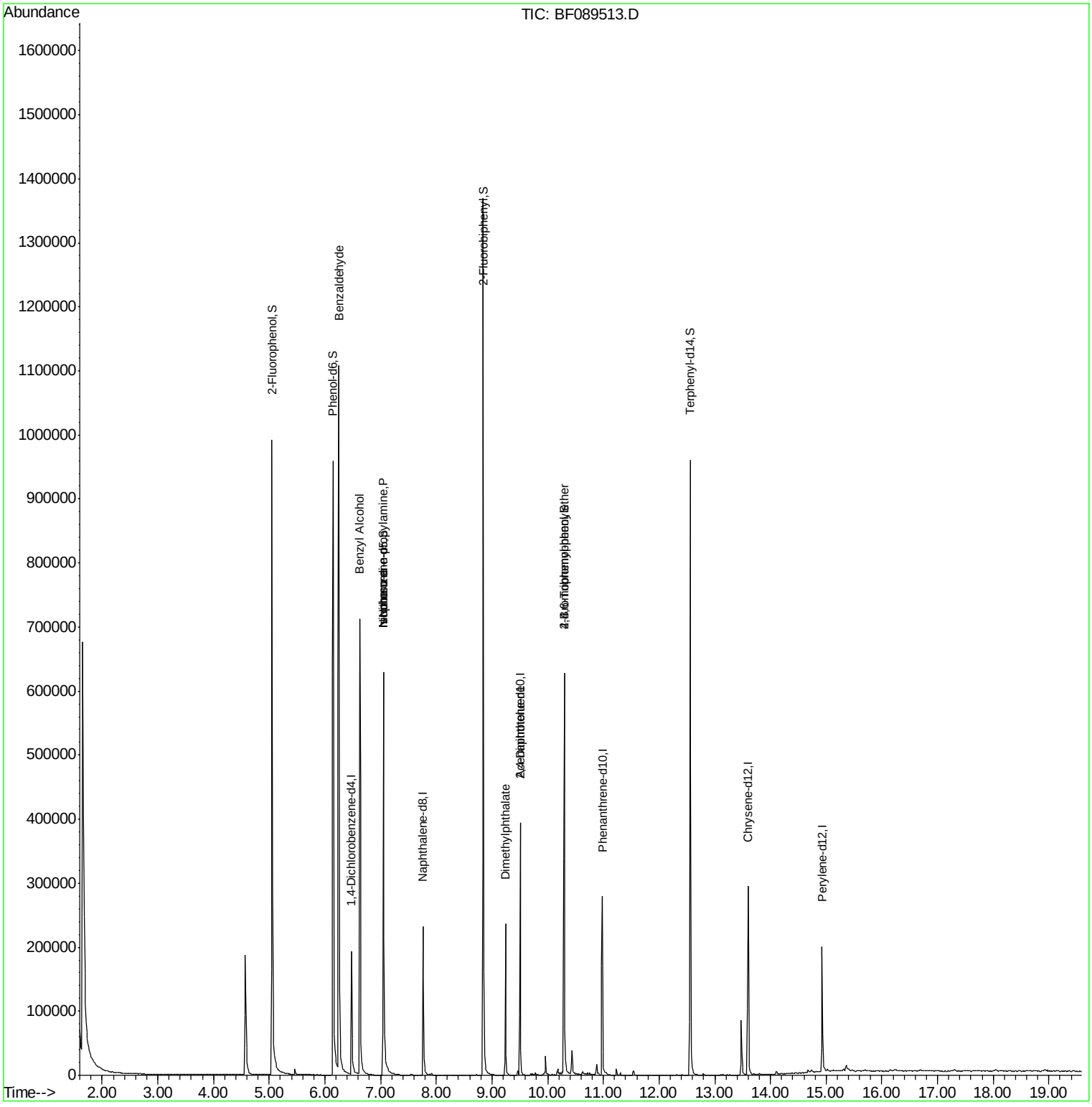
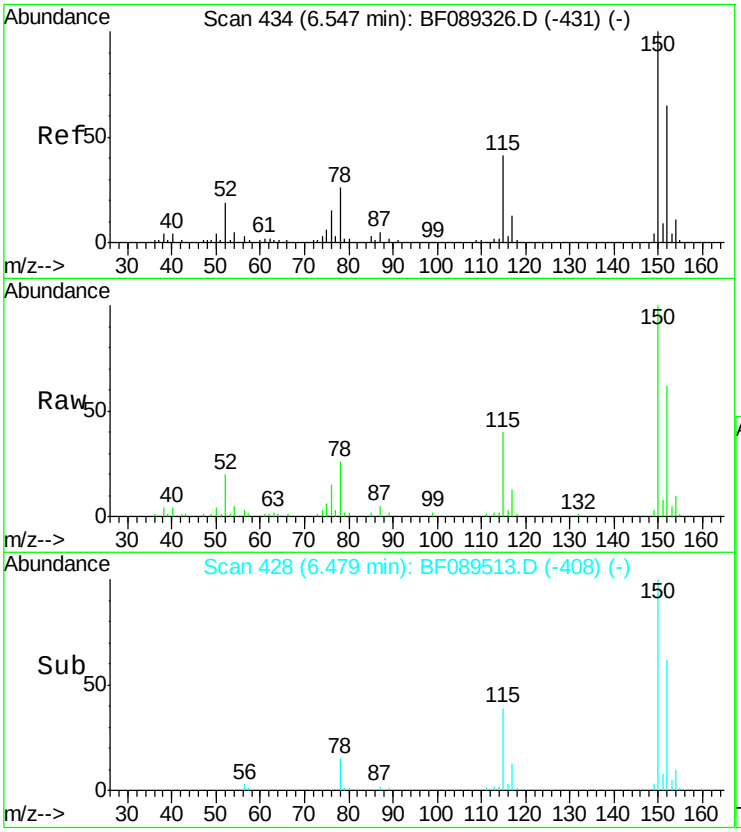


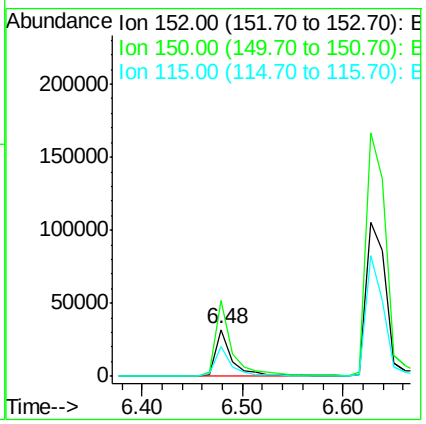


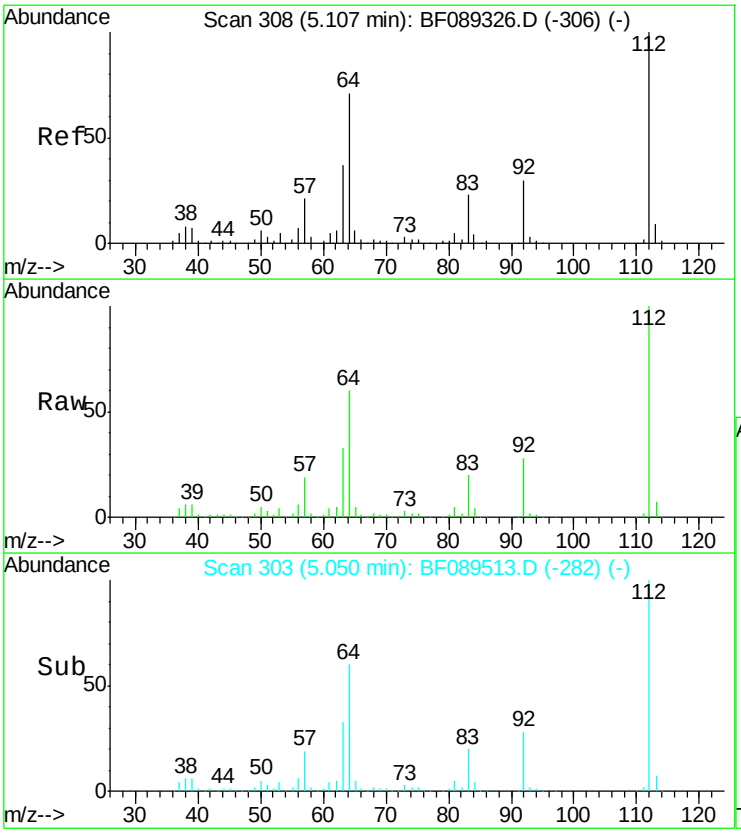
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.07 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)R

Tgt Ion:152 Resp: 38267

Ion	Ratio	Lower	Upper
152	100		
150	161.0	129.5	194.3
115	63.9	51.4	77.2

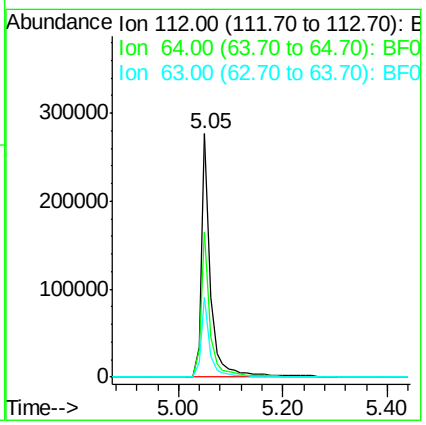


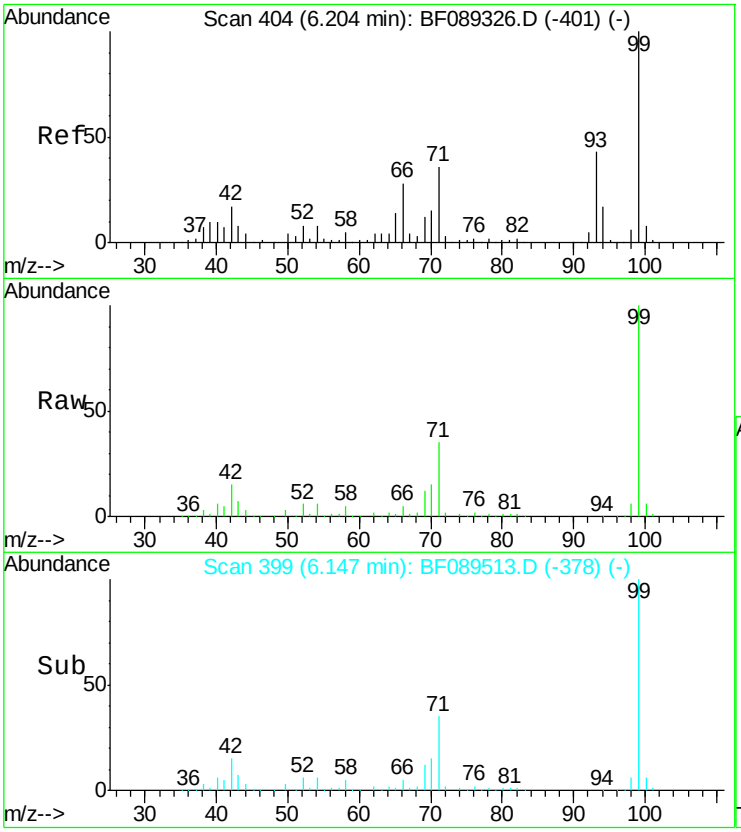


#5
2-Fluorophenol
Concen: 143.15 ng
RT: 5.05 min Scan# 303
Delta R.T. -0.06 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Tgt Ion:112 Resp: 343083

Ion	Ratio	Lower	Upper
112	100		
64	59.8	55.0	82.6
63	32.6	29.4	44.2



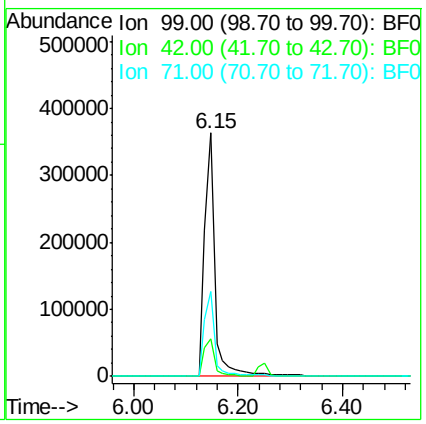


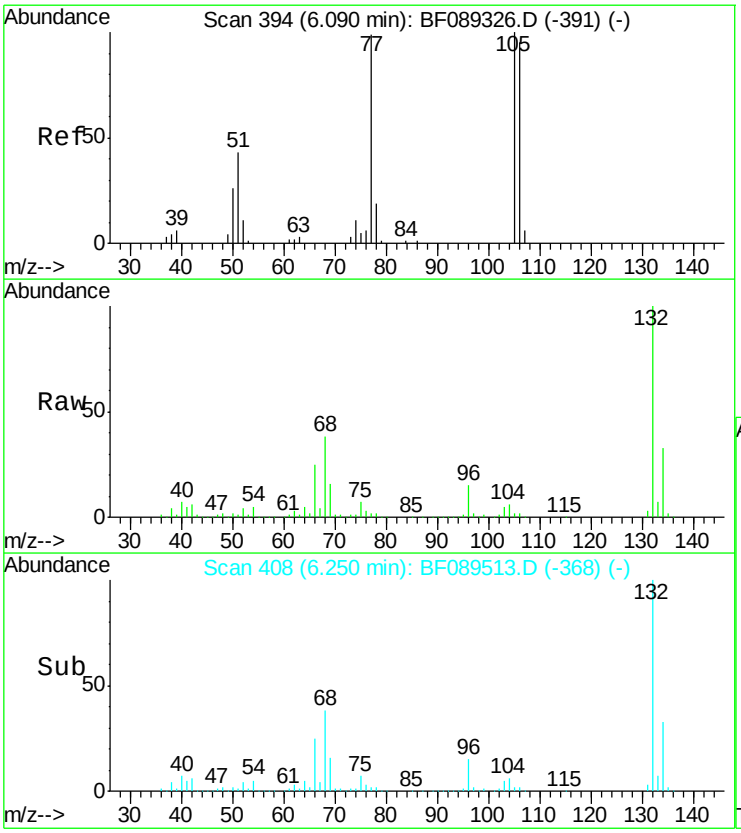
#7
Phenol-d6
Concen: 157.10 ng
RT: 6.15 min Scan# 399
Delta R.T. -0.06 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)R

Tgt Ion: 99 Resp: 497568

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.6	20.4
71	35.0	29.4	44.2

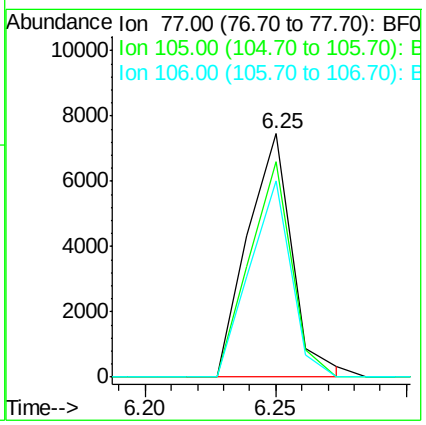


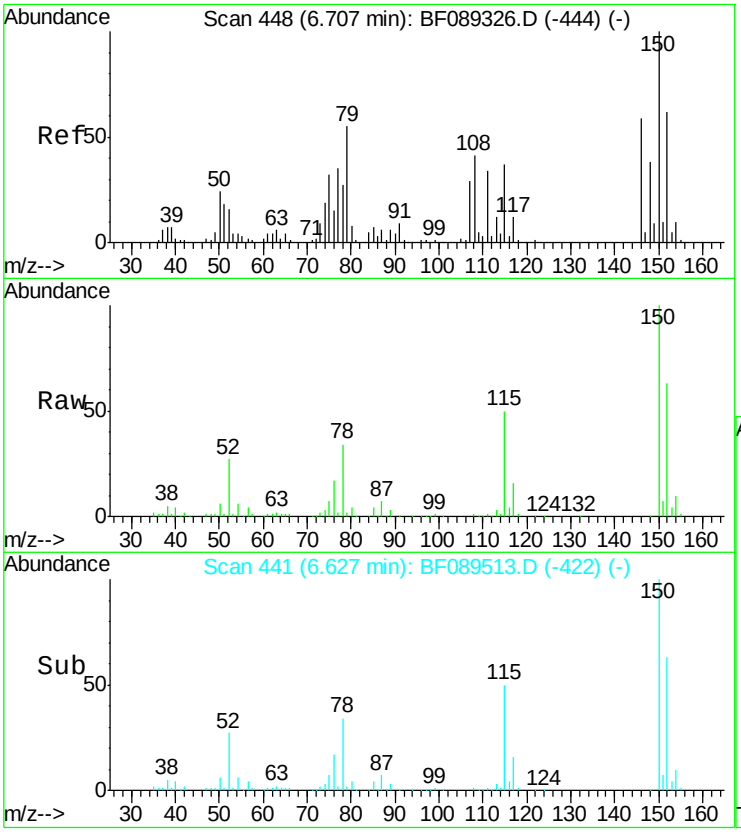


#9
Benzaldehyde
Concen: 5.75 ng
RT: 6.25 min Scan# 408
Delta R.T. 0.16 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Tgt Ion: 77 Resp: 8898

Ion	Ratio	Lower	Upper
77	100		
105	88.2	82.9	122.9
106	80.6	75.9	115.9



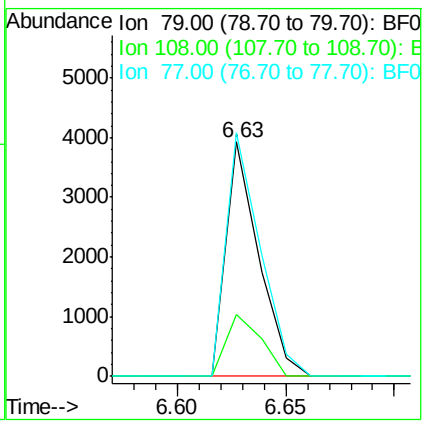


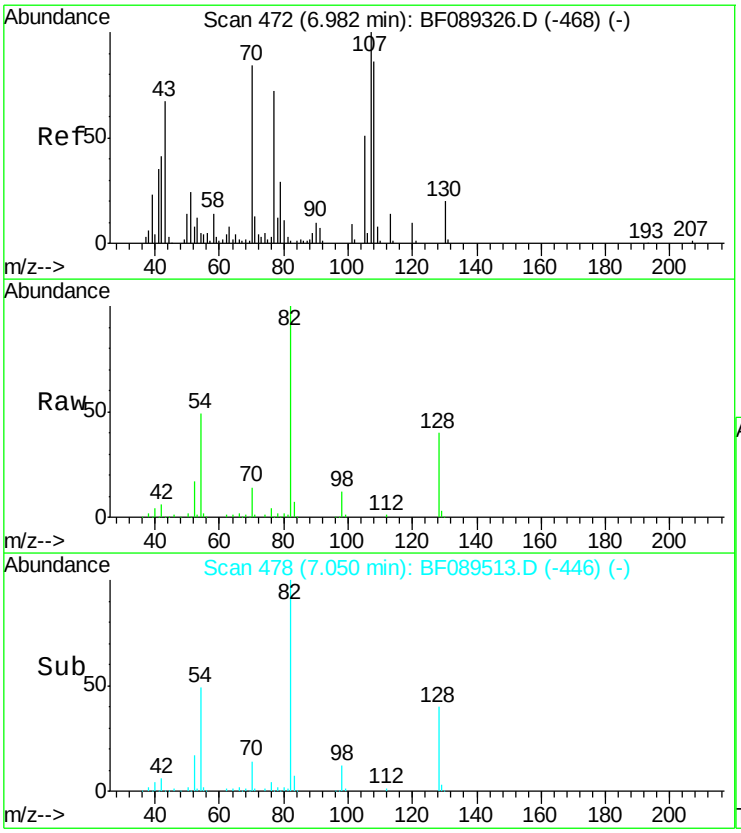
#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)R

Tgt Ion: 79 Resp: 4091

Ion	Ratio	Lower	Upper
79	100		
108	26.2	59.8	89.6#
77	103.9	51.7	77.5#

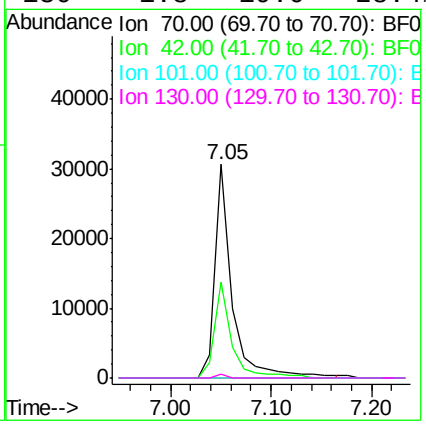


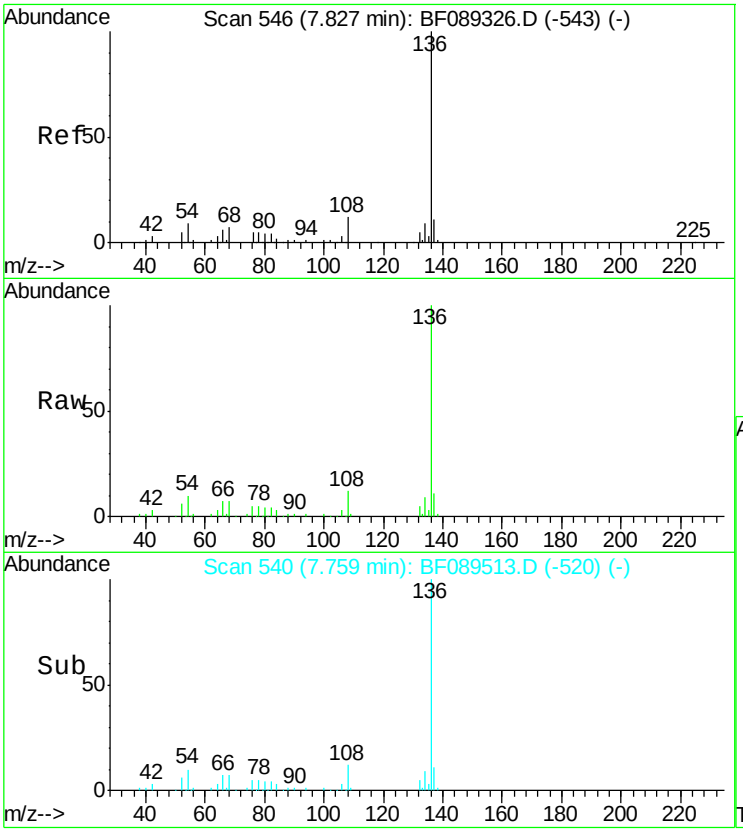


#19
n-Nitroso-di-n-propylamine
Concen: 19.17 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Tgt Ion: 70 Resp: 36610

Ion	Ratio	Lower	Upper
70	100		
42	45.1	38.6	57.8
101	0.0	8.3	12.5#
130	1.8	19.0	28.4#



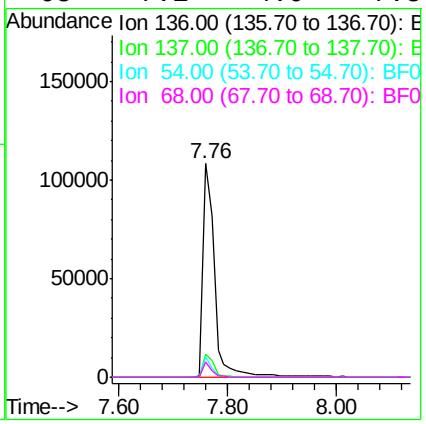


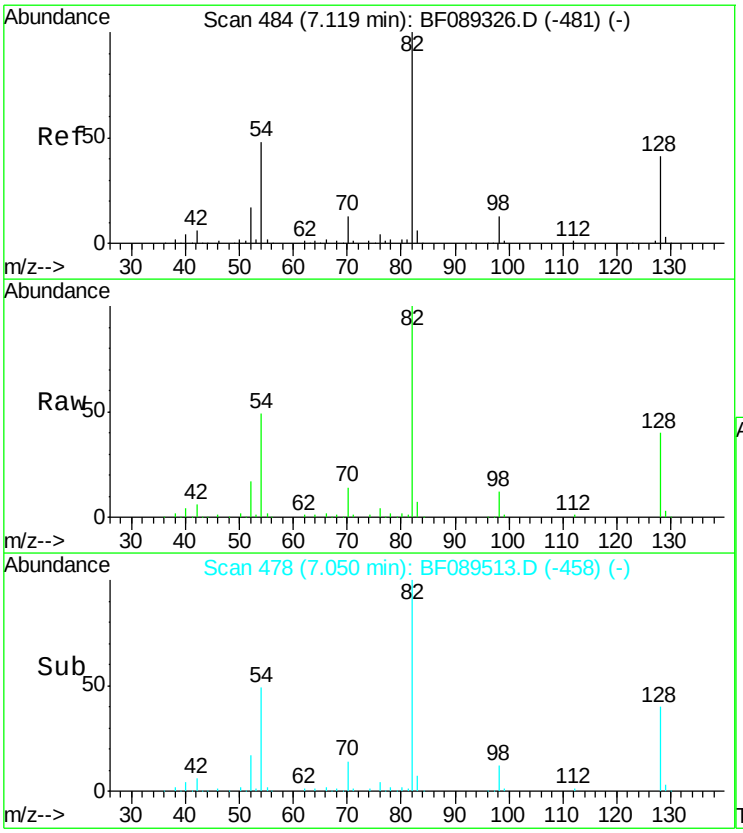
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)R

Tgt Ion:136 Resp: 160614

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	7.0	10.4
68	7.1	4.9	7.3

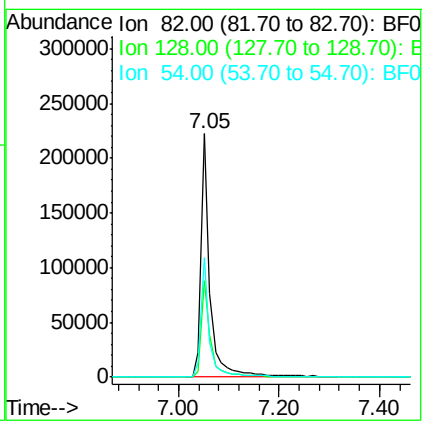


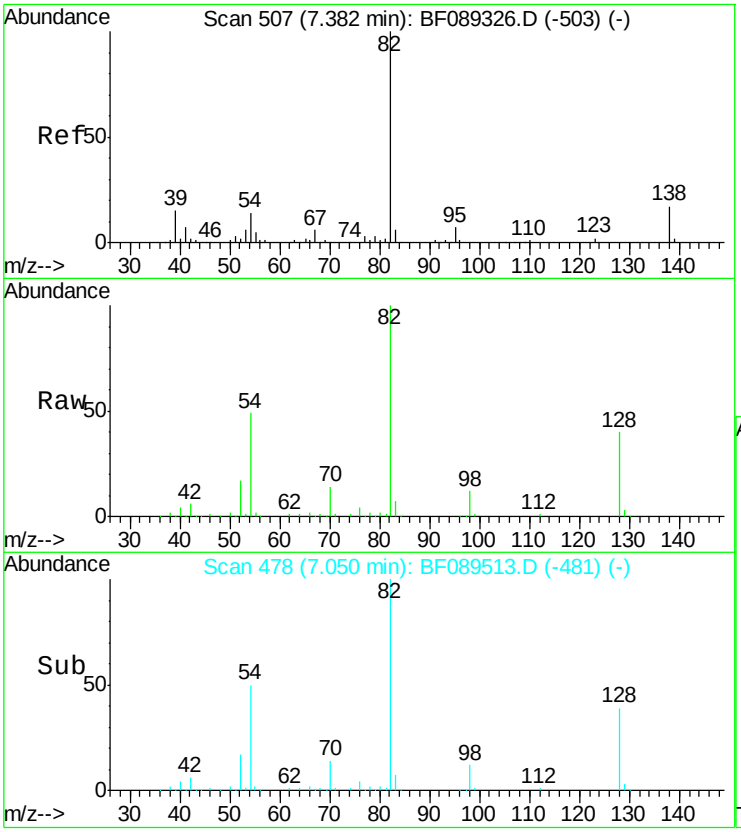


#23
Nitrobenzene-d5
Concen: 102.33 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Tgt Ion: 82 Resp: 278462

Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.5	48.7
54	49.3	38.8	58.2



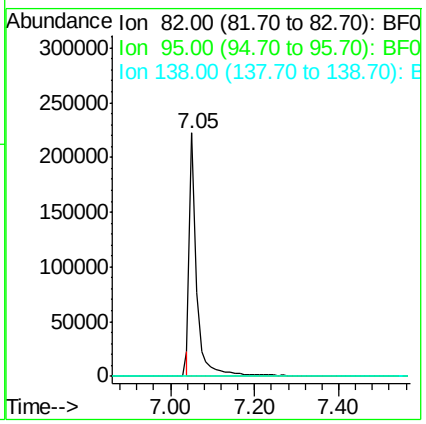


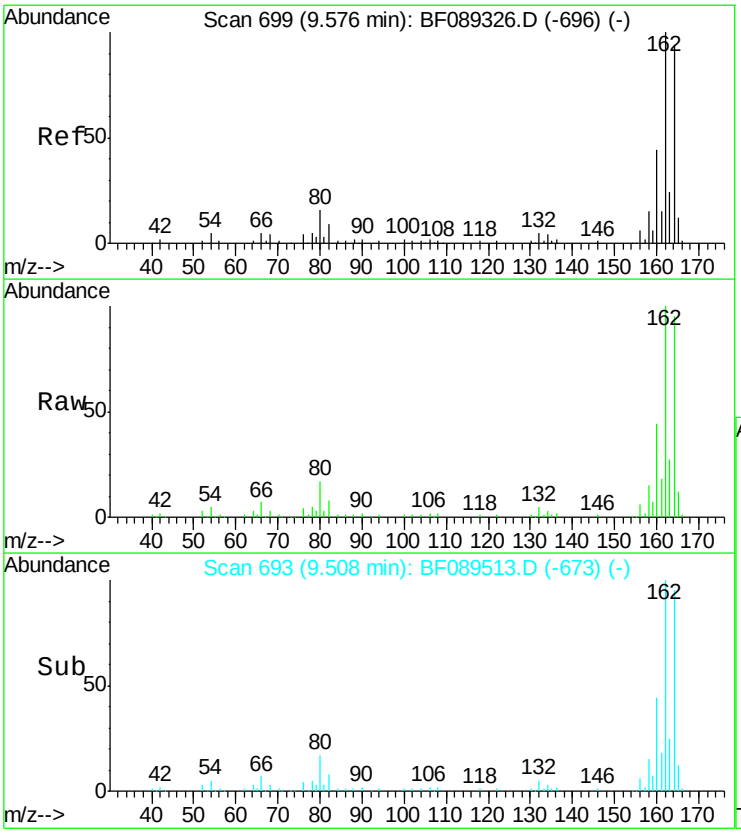
#25
Isophorone
Concen: 46.78 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.33 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)R

Tgt Ion: 82 Resp: 256423

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.3	19.9#

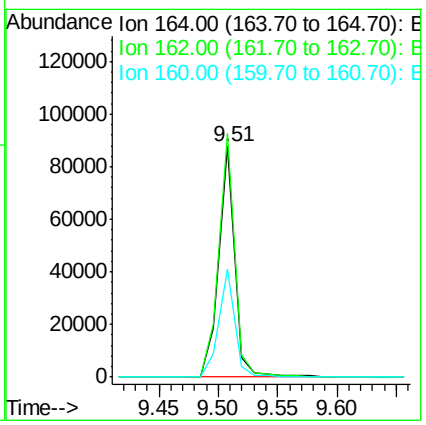


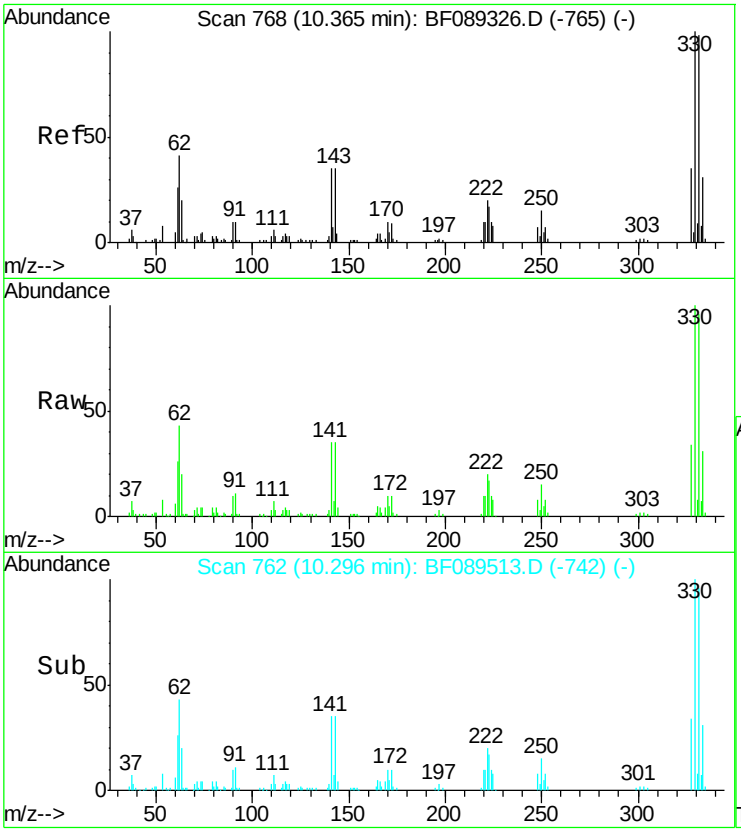


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.07 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Tgt Ion:164 Resp: 81162

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.7	125.5
160	46.8	37.8	56.6



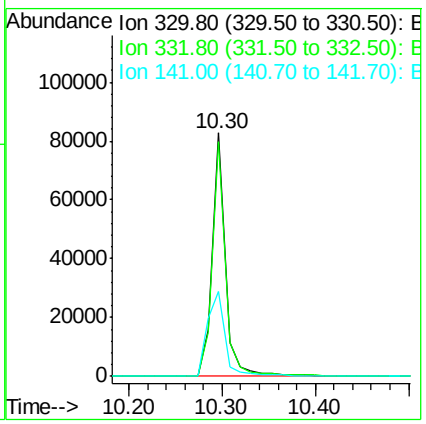


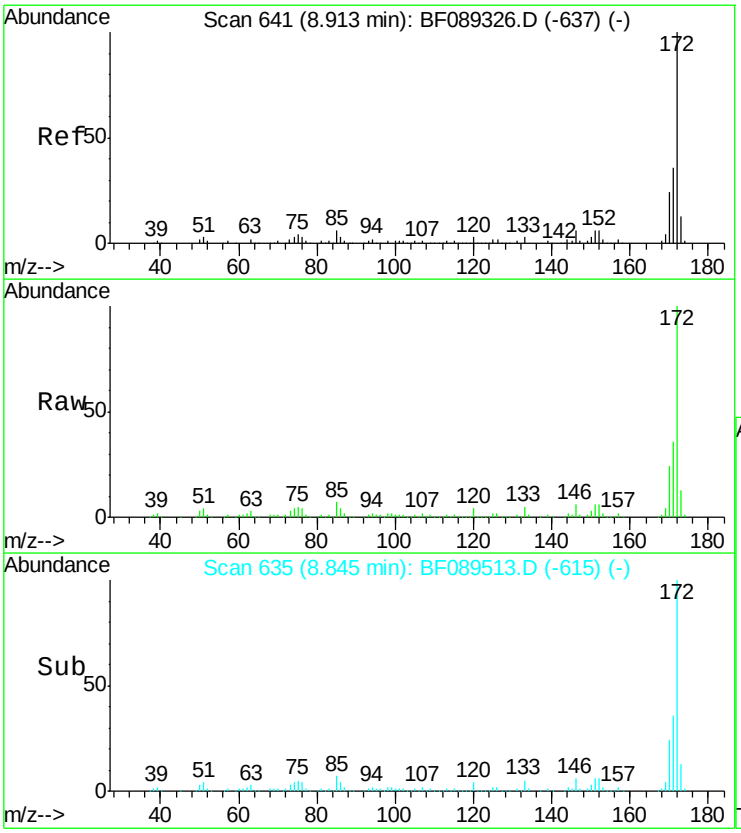
#41
2,4,6-Tribromophenol
Concen: 121.46 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.07 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)R

Tgt Ion:330 Resp: 81648

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	46.4	37.3	55.9

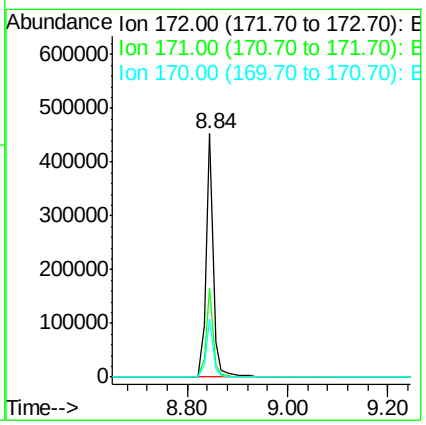


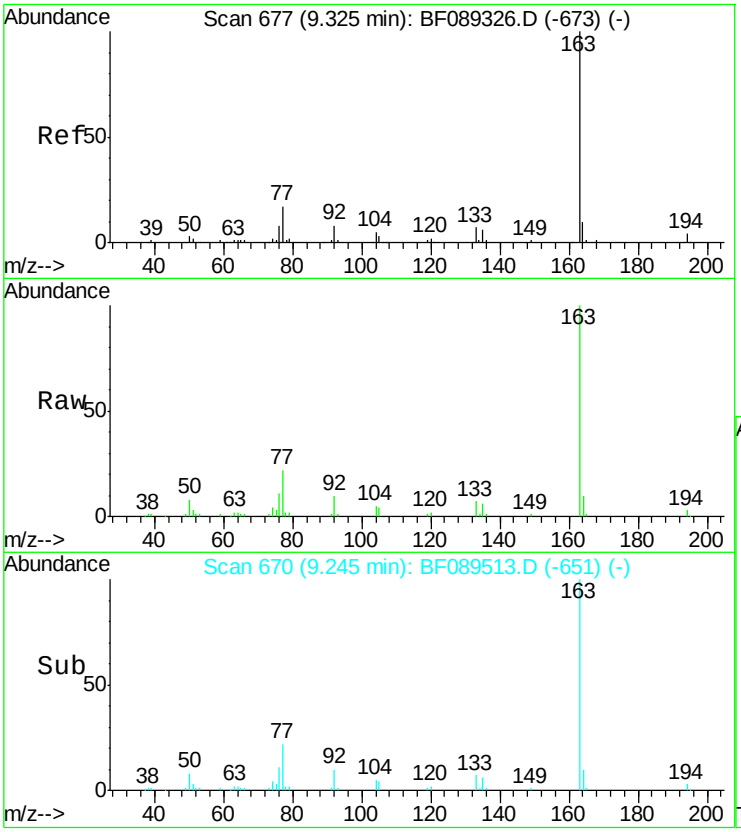


#44
2-Fluorobiphenyl
Concen: 82.58 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.07 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Tgt Ion:172 Resp: 456691

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	23.8	19.2	28.8



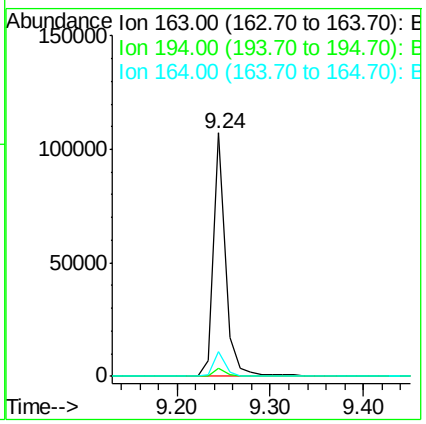


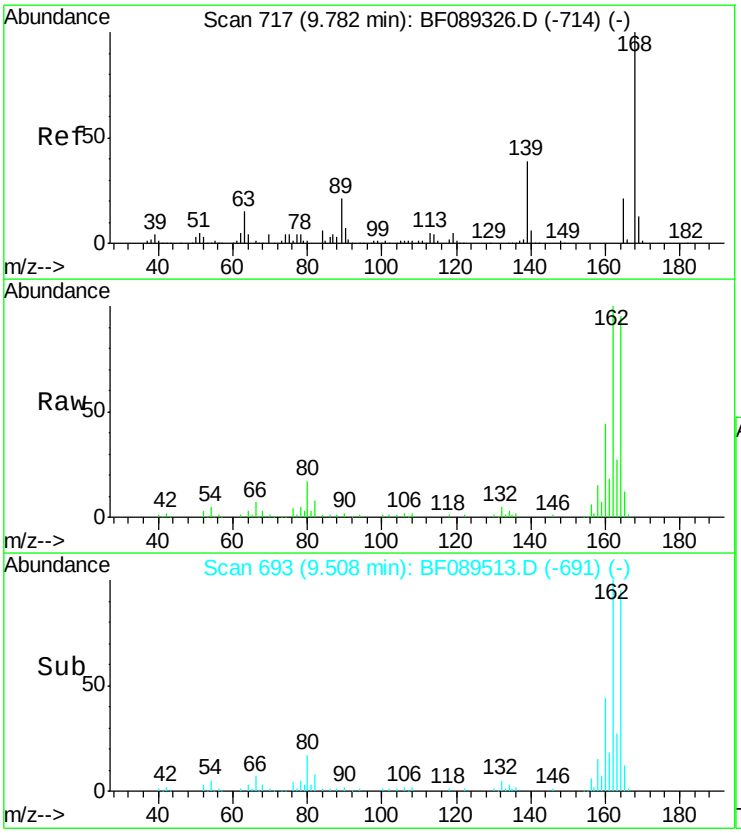
#49
Dimethylphthalate
Concen: 15.54 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.08 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)R

Tgt Ion:163 Resp: 96005

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.1	7.8	11.8

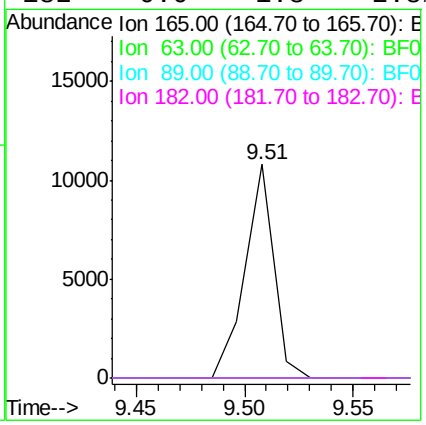


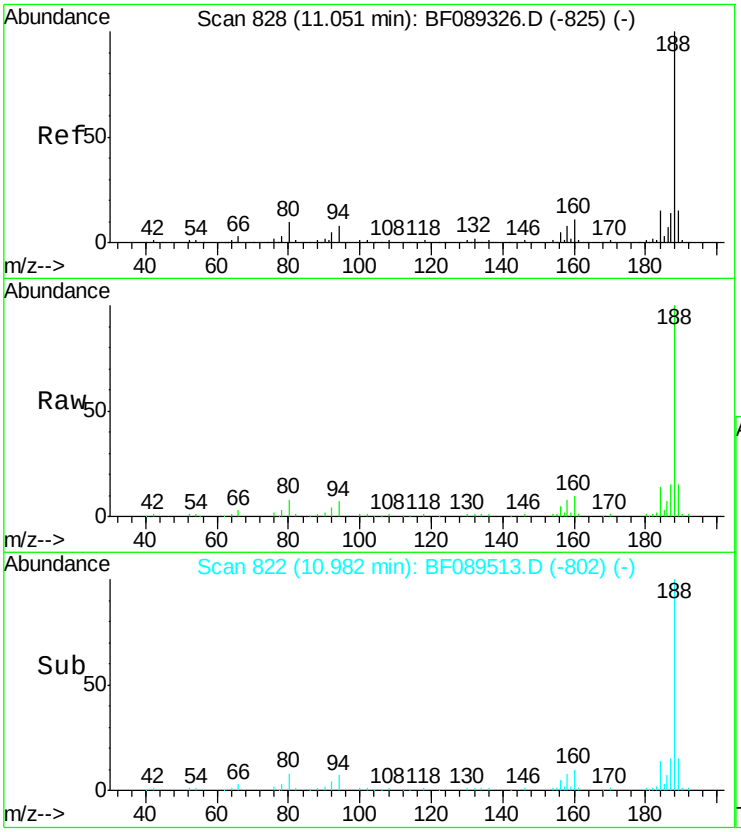


#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.27 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Tgt Ion:165 Resp: 9906

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#



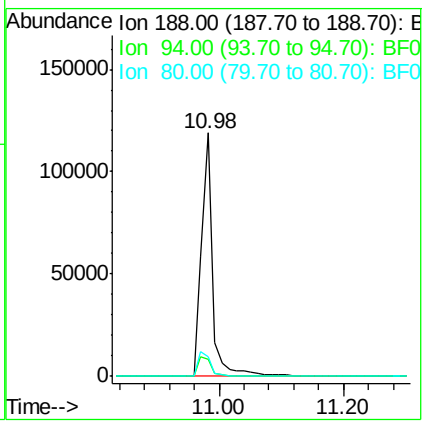


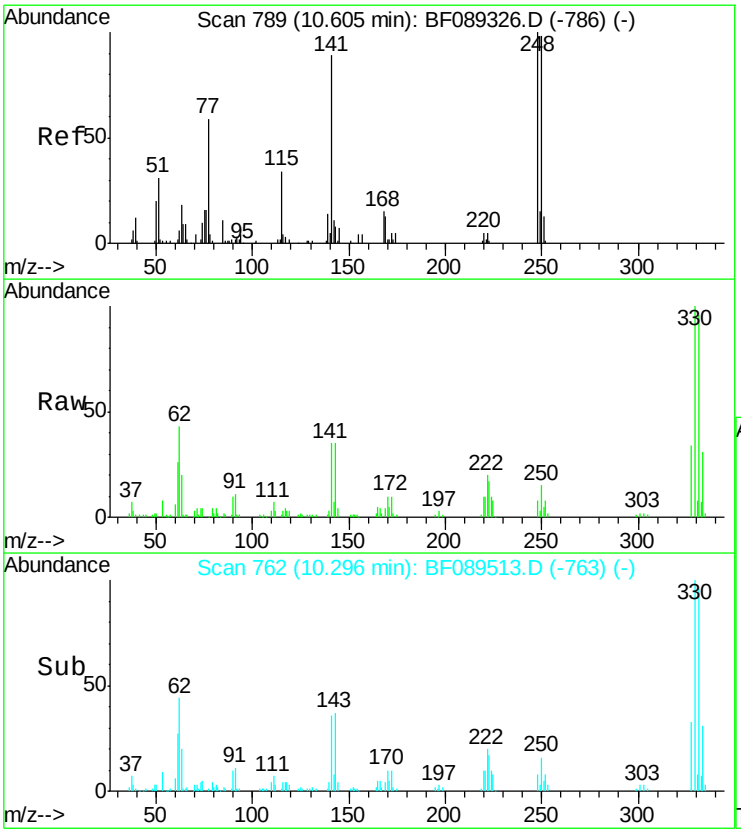
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.07 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)R

Tgt Ion:188 Resp: 148930

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.5	9.7
80	8.0	7.2	10.8

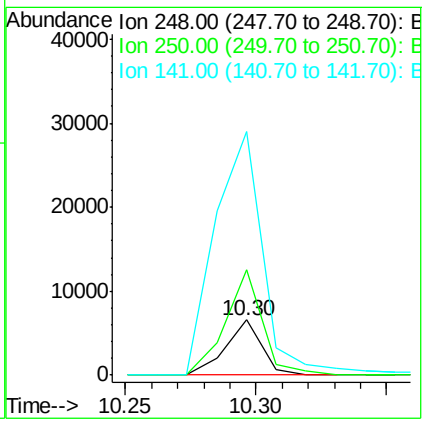


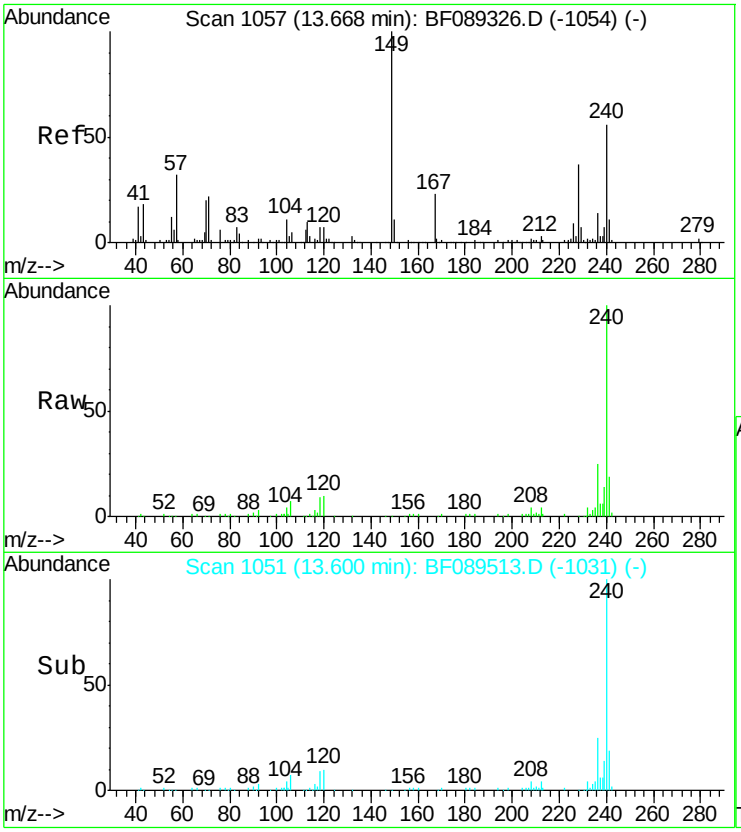


#66
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.31 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Tgt Ion:248 Resp: 6396

Ion	Ratio	Lower	Upper
248	100		
250	191.5	78.2	117.2#
141	443.1	62.0	93.0#



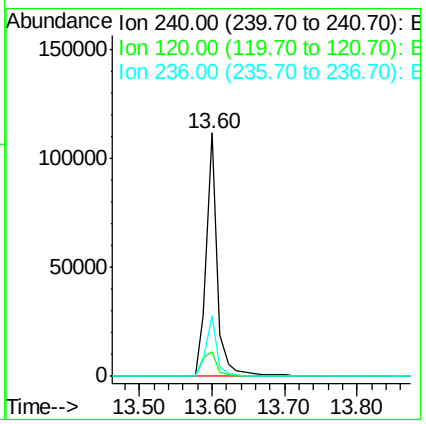


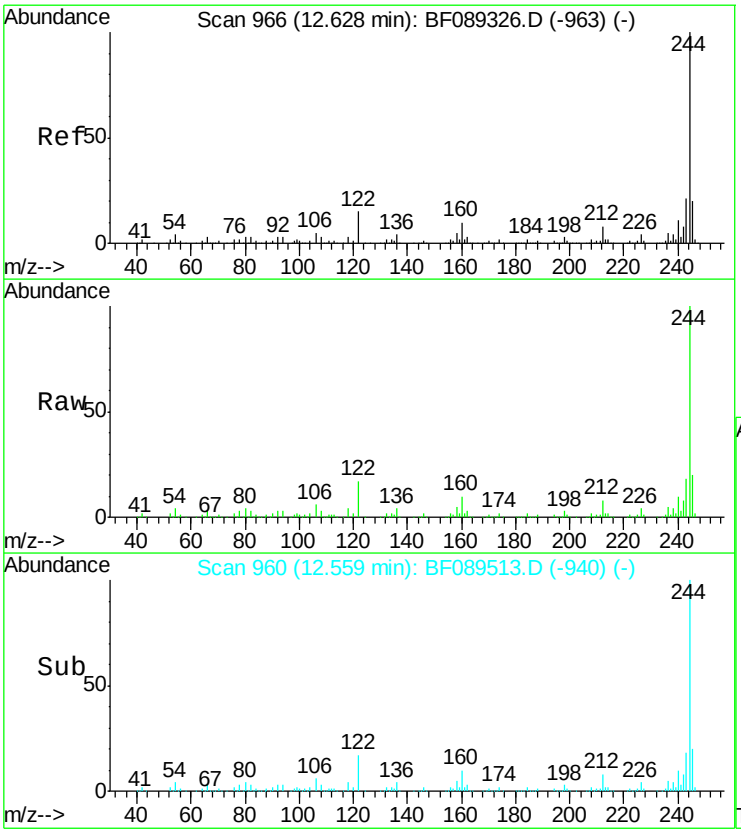
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.07 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)R

Tgt Ion:240 Resp: 119290

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.1	13.7
236	25.0	20.6	30.8

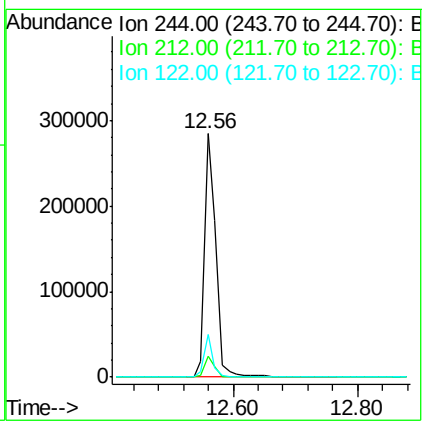


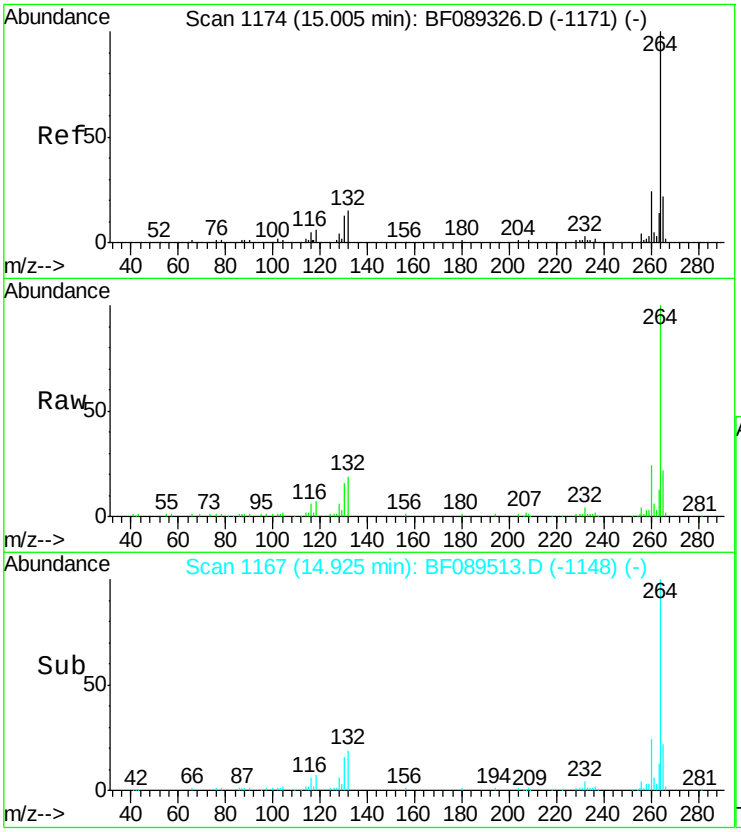


#78
Terphenyl-d14
Concen: 70.55 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.07 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Tgt Ion:244 Resp: 359567

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	17.4	11.4	17.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF089513.D
Acq: 1 Aug 2016 16:00

Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)R

Tgt Ion:264 Resp: 78947

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.5	17.5	26.3