Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
Data File : BF089871.D
Acq On : 24 Aug 2016 13:50
Operator : UM/SJ
Sample : H4551-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AST-2

Quant Time: Aug 25 12:16:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	376423	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	1572358	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	722623	20.00	ng		-0.01
63) Phenanthrene-d10	11.18	188	1307232	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	1119075	20.00	ng		-0.03
86) Perylene-d12	15.31	264	860056	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	3164929	144.19	ng		-0.01
7) Phenol-d6	6.31	99	3641447	135.14	ng		-0.01
23) Nitrobenzene-d5	7.23	82	2300937	90.91	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	864193	125.84	ng		-0.01
44) 2-Fluorobiphenyl	9.04	172	3938077	95.78	ng		-0.01
78) Terphenyl-d14	12.78	244	3227249	65.24	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	67853	3.87	ng		88
10) Phenol	6.32	94	76554	2.42	ng		84
15) Benzyl Alcohol	6.82	79	39031	2.18	ng	#	50
19) n-Nitroso-di-n-propylamine	7.23	70	310818	18.04	ng	#	73
25) Isophorone	7.23	82	1689633	33.10	ng	#	67
49) Dimethylphthalate	9.43	163	926857	18.22	ng		99
56) 2,4-Dinitrotoluene	9.70	165	95477	6.26	ng	#	35
66) 4-Bromophenyl-phenylether	10.49	248	56056	4.09	ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.85	149	233468	4.12	ng	#	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
Data File : BF089871.D
Acq On : 24 Aug 2016 13:50
Operator : UM/SJ
Sample : H4551-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AST-2

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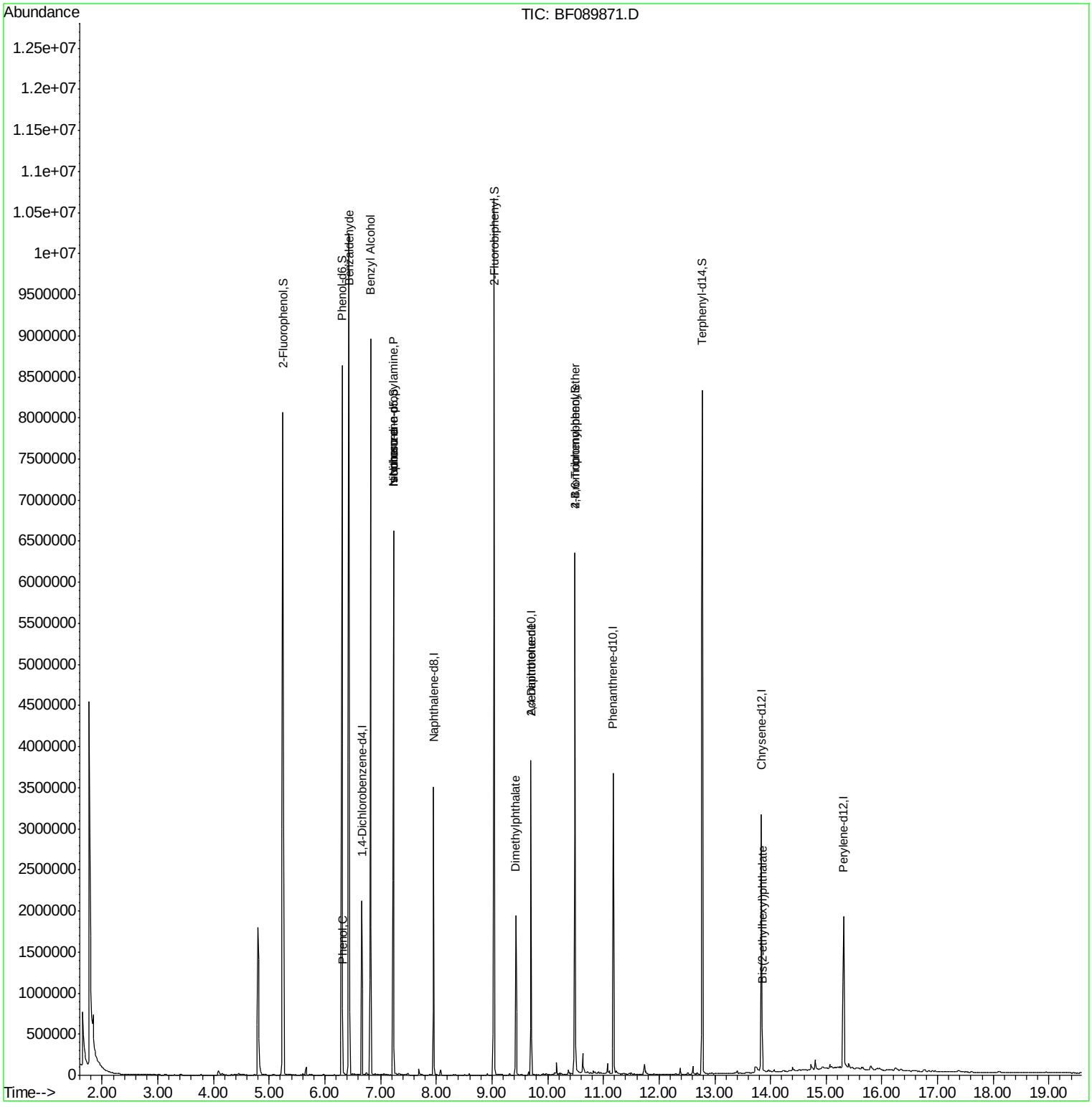
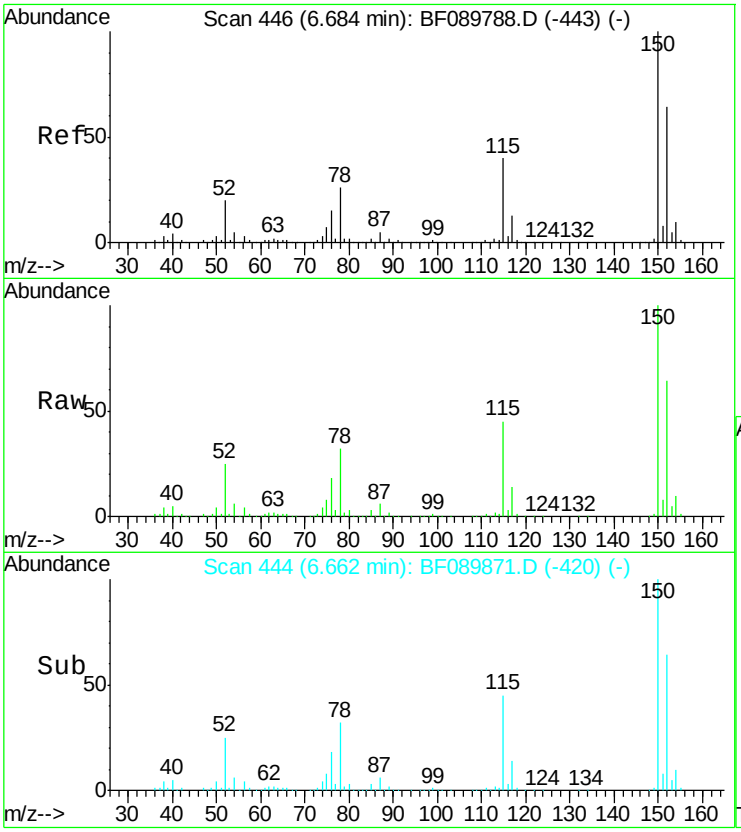


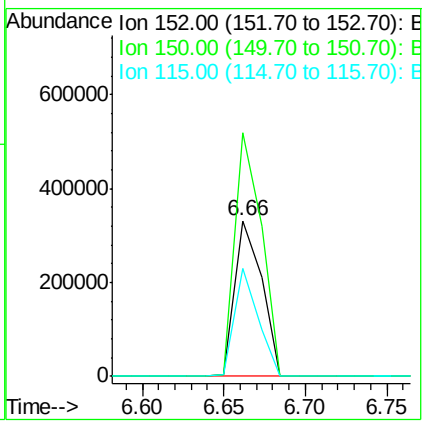


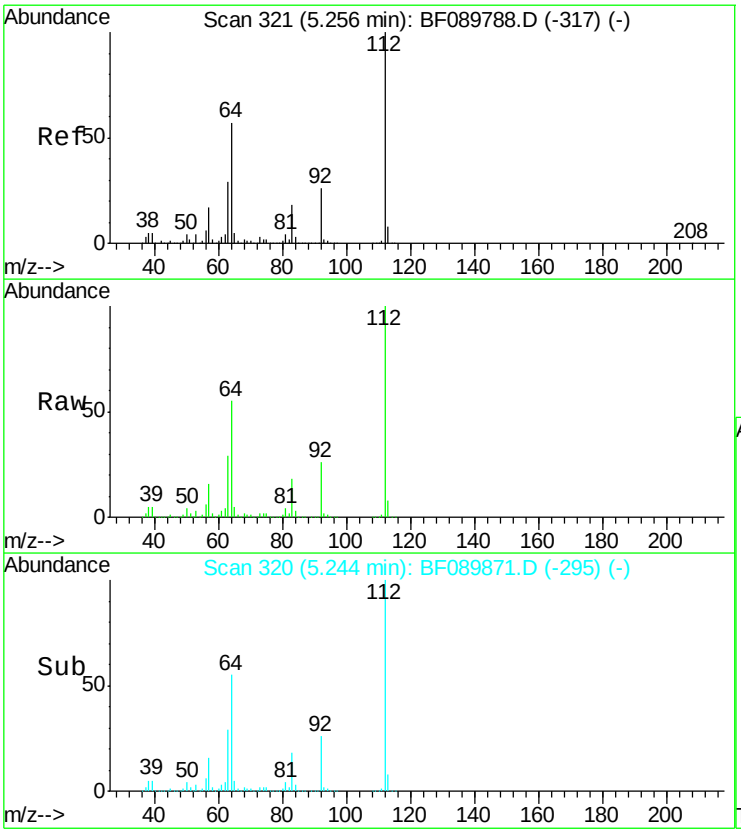
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion:152 Resp: 376423

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.3	187.9
115	69.7	40.9	61.3#

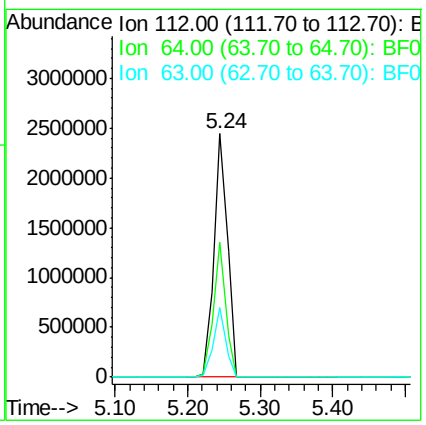


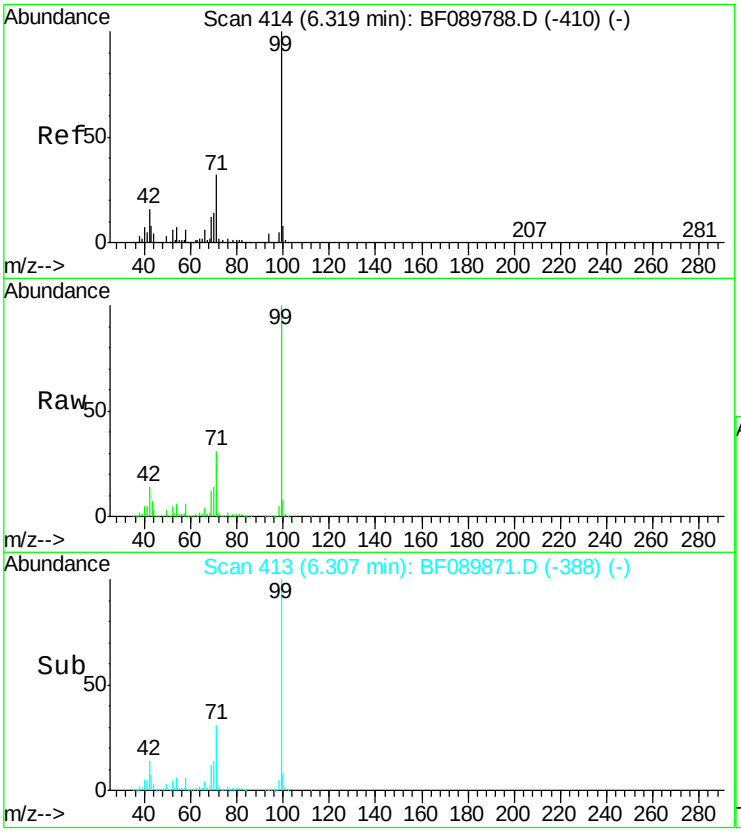


#5
2-Fluorophenol
Concen: 144.19 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Tgt Ion:112 Resp: 3164929

Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.0	67.4
63	28.6	23.1	34.7



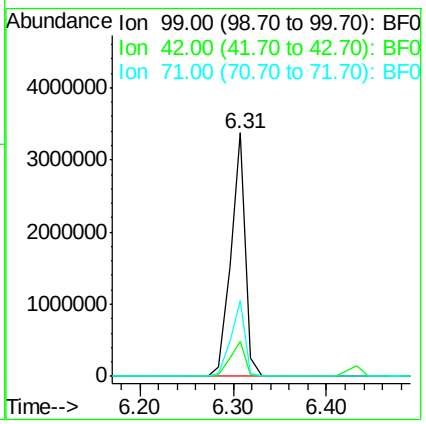


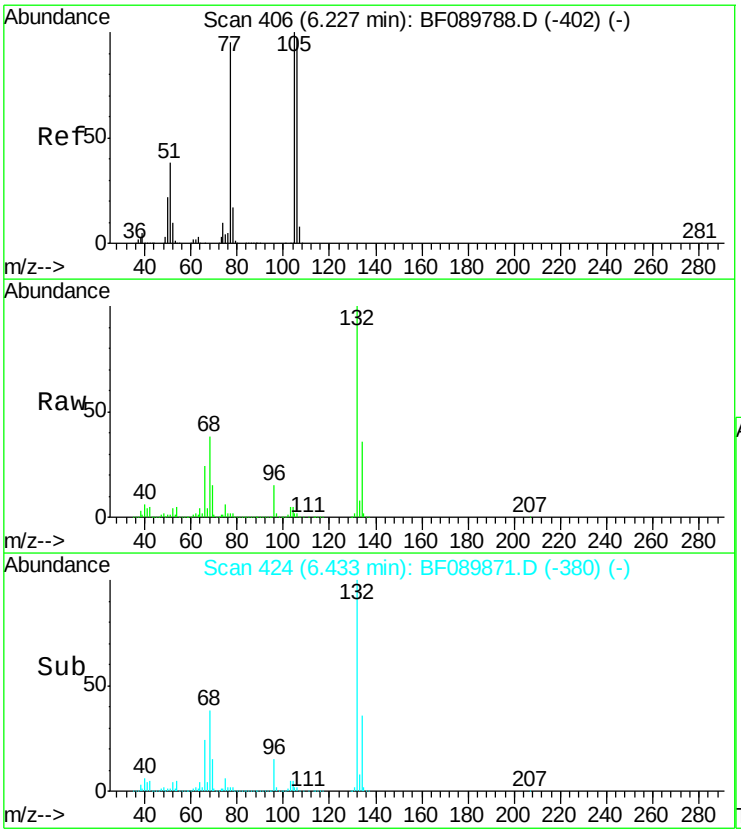
#7
Phenol-d6
Concen: 135.14 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion: 99 Resp: 3641447

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.4
71	31.1	23.8	35.8

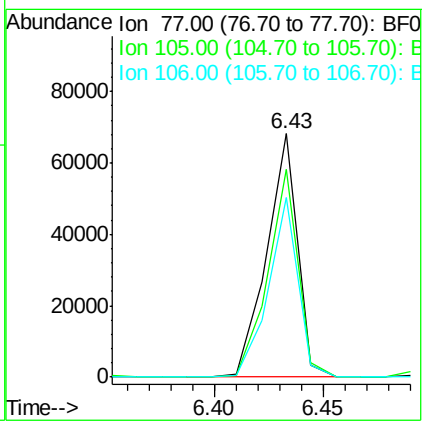


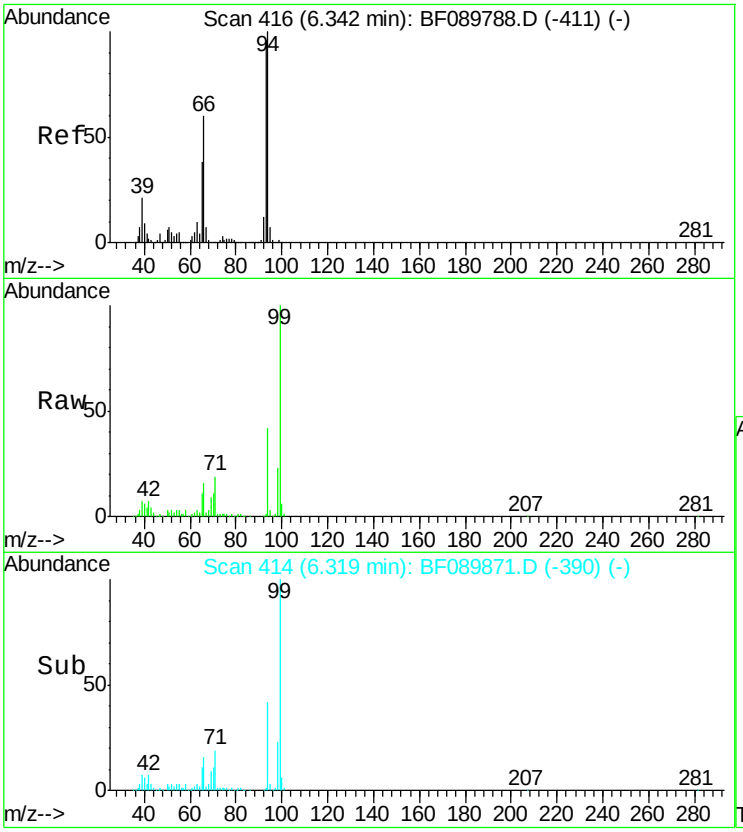


#9
Benzaldehyde
Concen: 3.87 ng
RT: 6.43 min Scan# 424
Delta R.T. 0.21 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Tgt Ion: 77 Resp: 67853

Ion	Ratio	Lower	Upper
77	100		
105	85.2	73.3	113.3
106	73.8	68.6	108.6



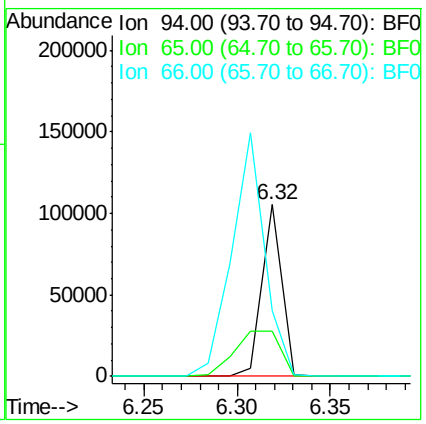


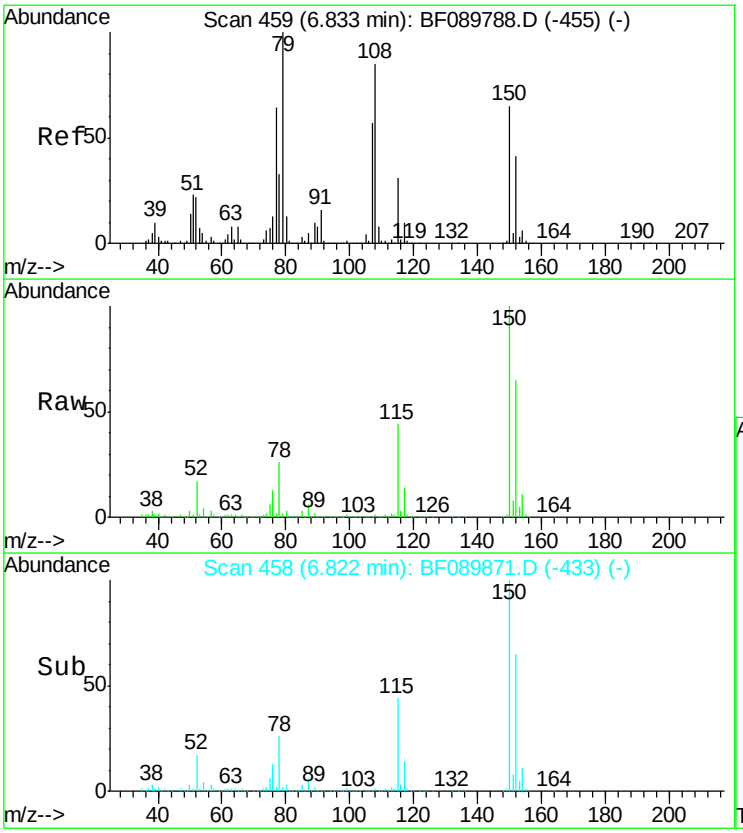
#10
Phenol
Concen: 2.42 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion: 94 Resp: 76554

Ion	Ratio	Lower	Upper
94	100		
65	26.4	14.0	54.0
66	38.4	31.2	71.2

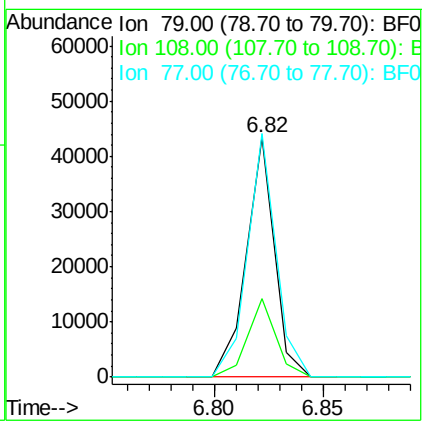


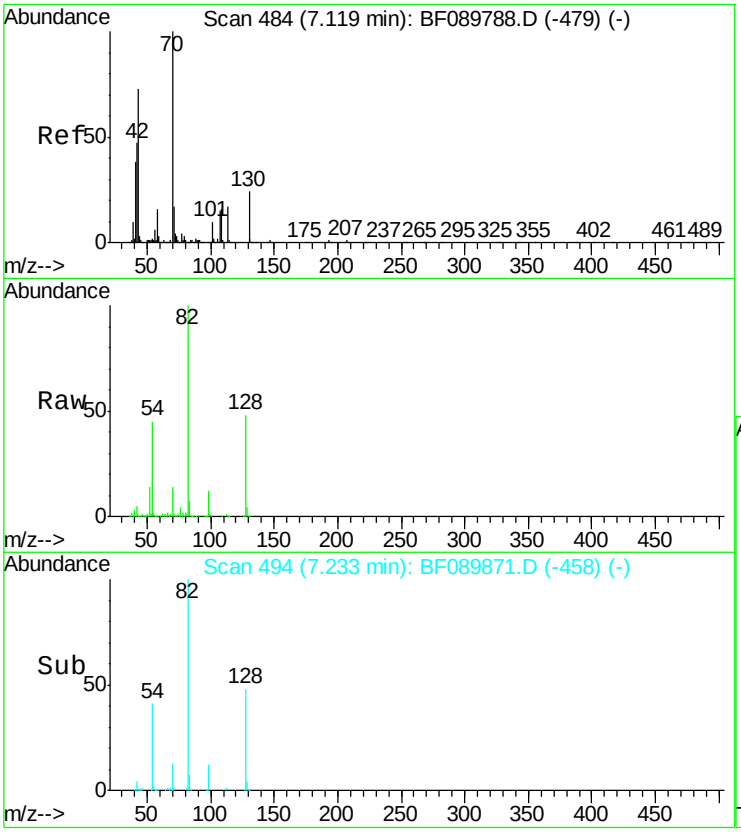


#15
Benzyl Alcohol
Concen: 2.18 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Tgt Ion: 79 Resp: 39031

Ion	Ratio	Lower	Upper
79	100		
108	32.9	62.5	93.7#
77	101.6	51.5	77.3#



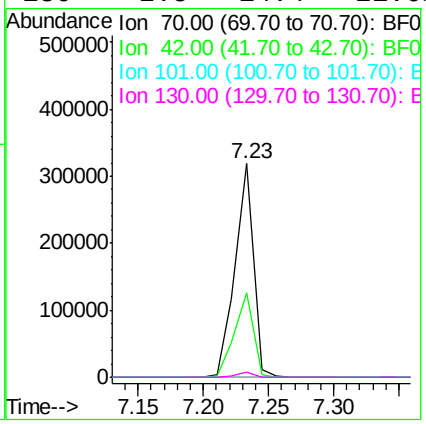


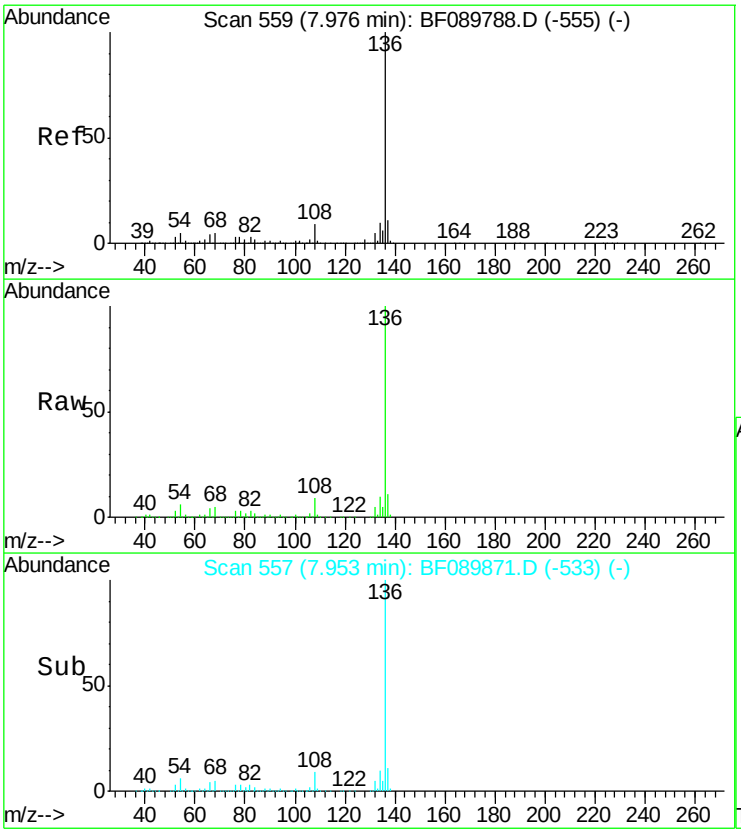
#19
n-Nitroso-di-n-propylamine
Concen: 18.04 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.11 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion: 70 Resp: 310818

Ion	Ratio	Lower	Upper
70	100		
42	39.5	46.3	69.5#
101	0.0	7.0	10.6#
130	2.5	14.4	21.6#

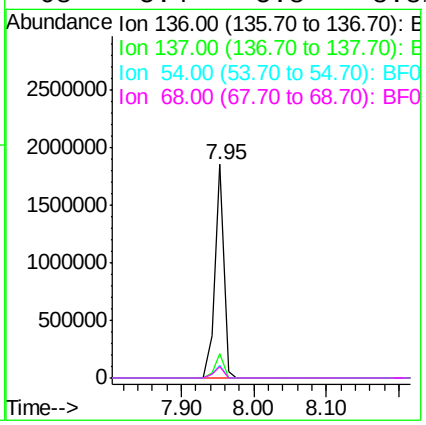


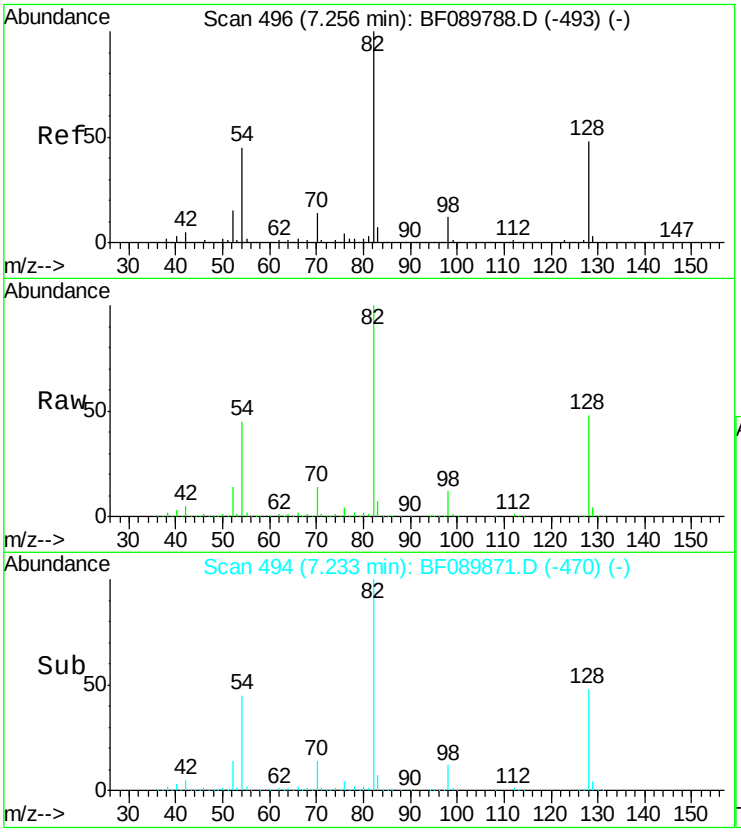


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Tgt Ion:136 Resp: 1572358

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.0	7.2	10.8#
68	5.4	5.8	8.8#



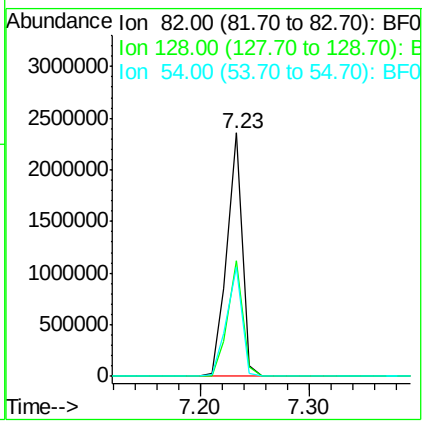


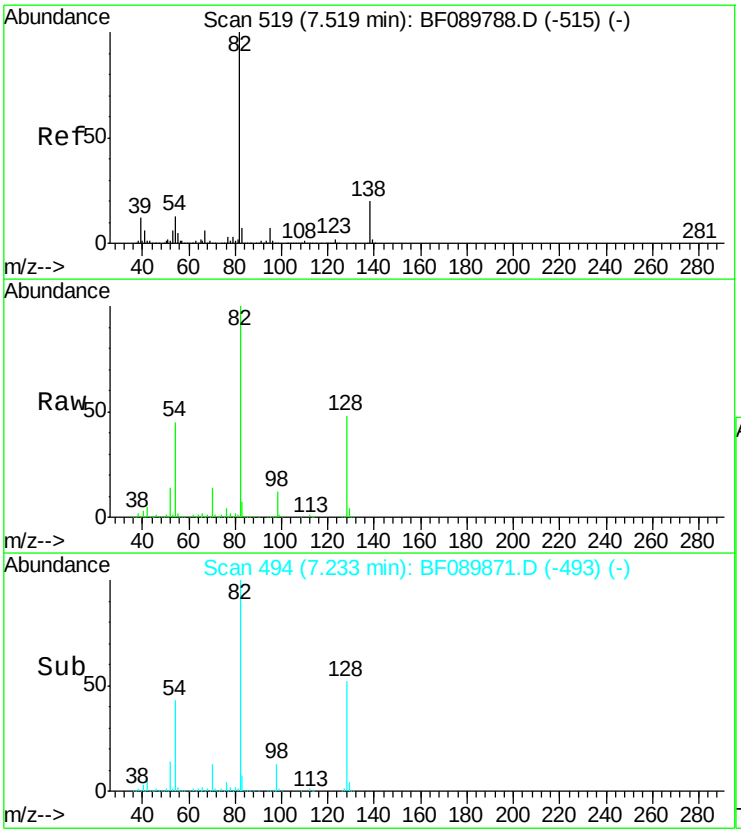
#23
Nitrobenzene-d5
Concen: 90.91 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion: 82 Resp: 2300937

Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.4	51.6
54	44.8	40.3	60.5

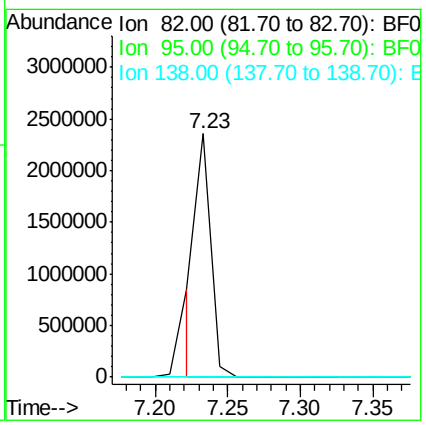


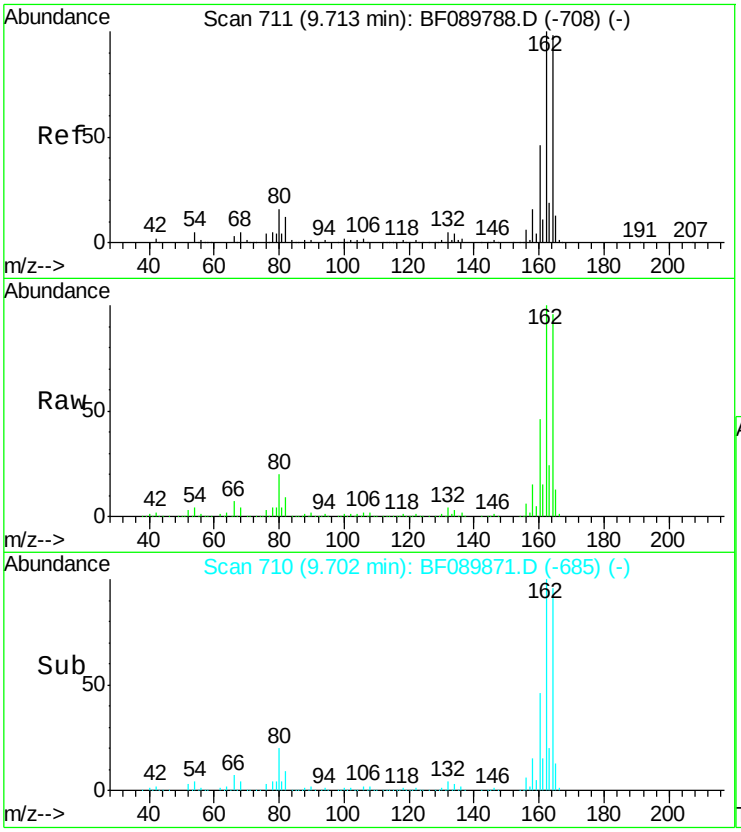


#25
Isophorone
Concen: 33.10 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.29 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Tgt Ion: 82 Resp: 1689633

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.0	19.4#



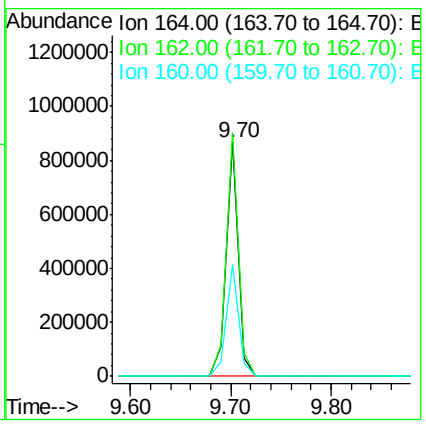


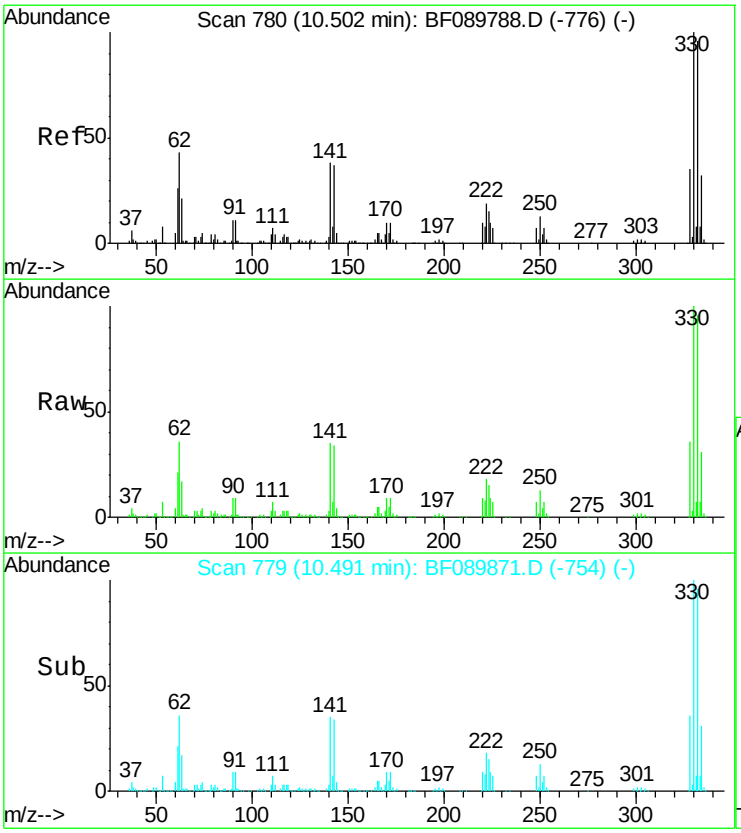
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion:164 Resp: 722623

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.4	122.2
160	47.6	37.8	56.6

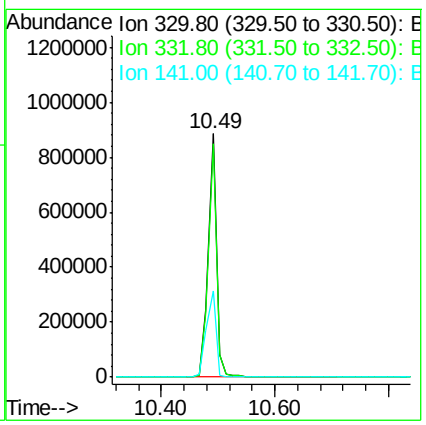


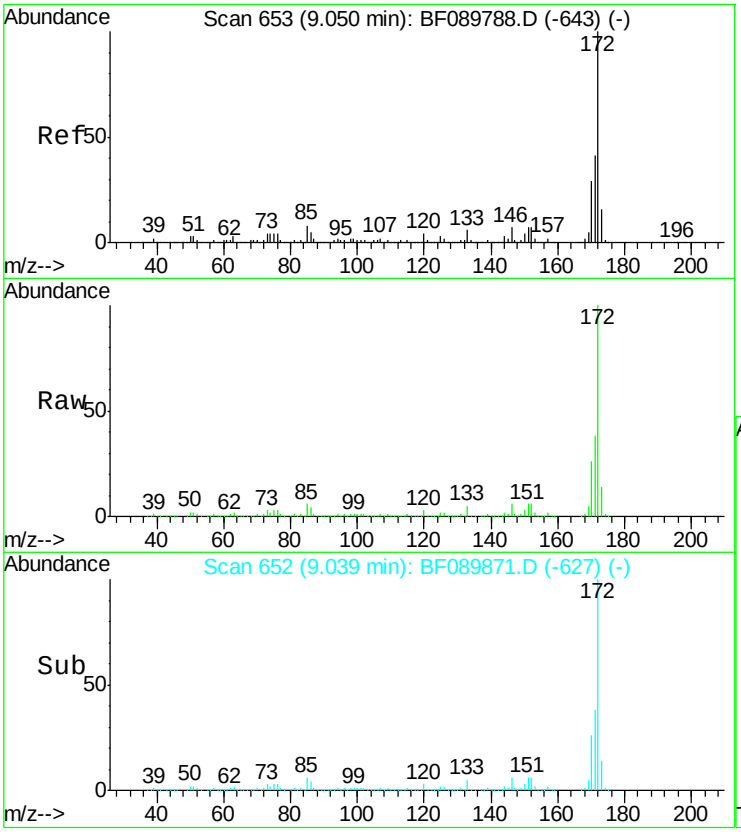


#41
2,4,6-Tribromophenol
Concen: 125.84 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Tgt Ion:330 Resp: 864193

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.7	115.1
141	40.4	30.2	45.2



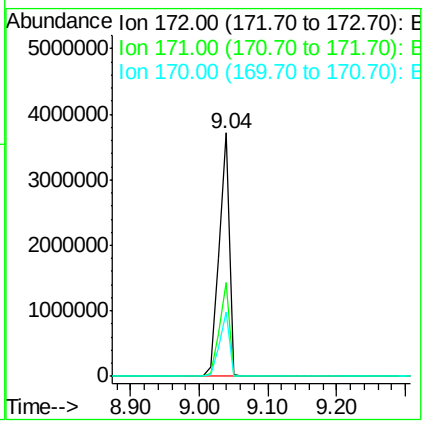


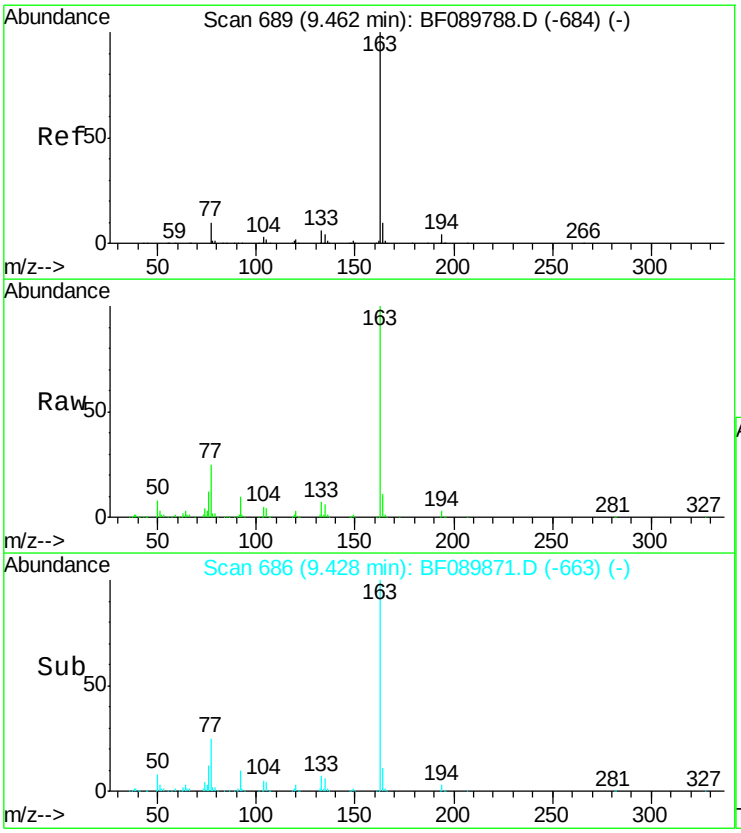
#44
2-Fluorobiphenyl
Concen: 95.78 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion:172 Resp: 3938077

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	26.4	20.6	31.0

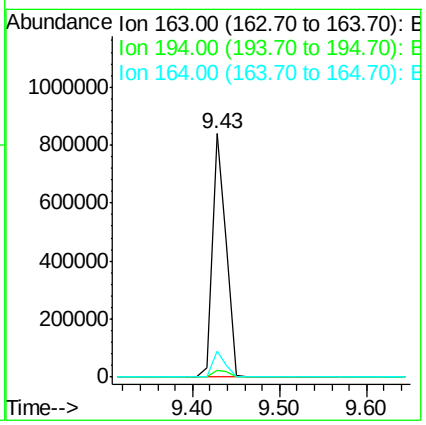


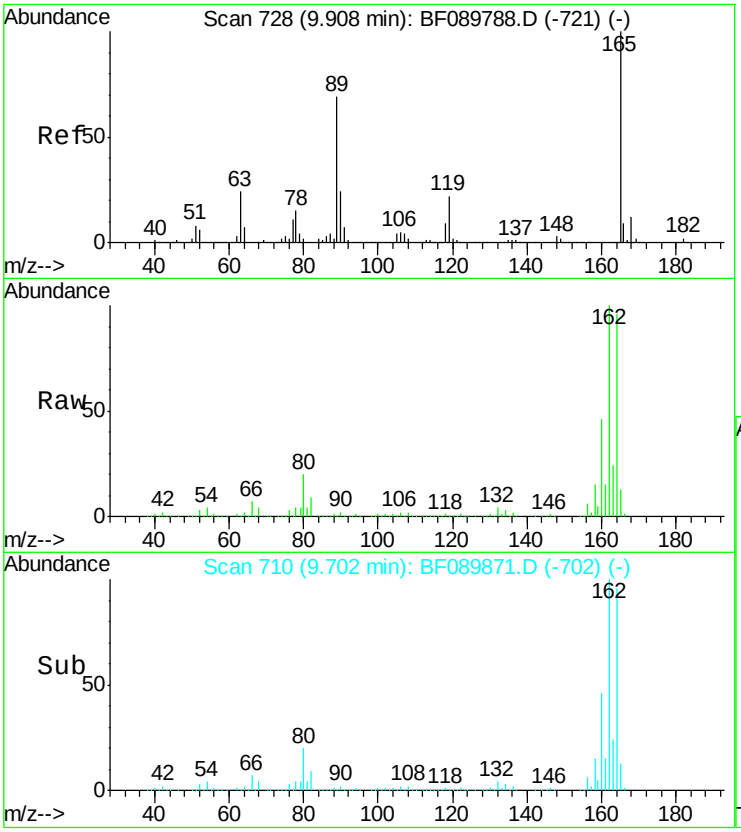


#49
Dimethylphthalate
Concen: 18.22 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Tgt Ion:163 Resp: 926857

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	3.8
164	10.9	8.6	12.8



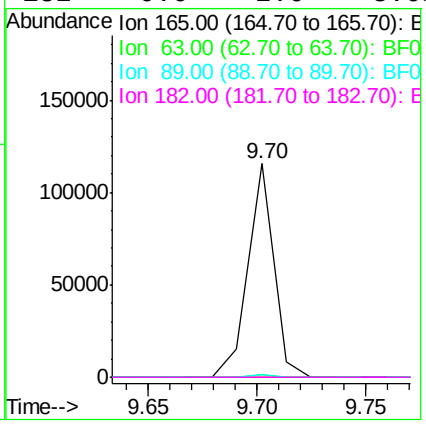


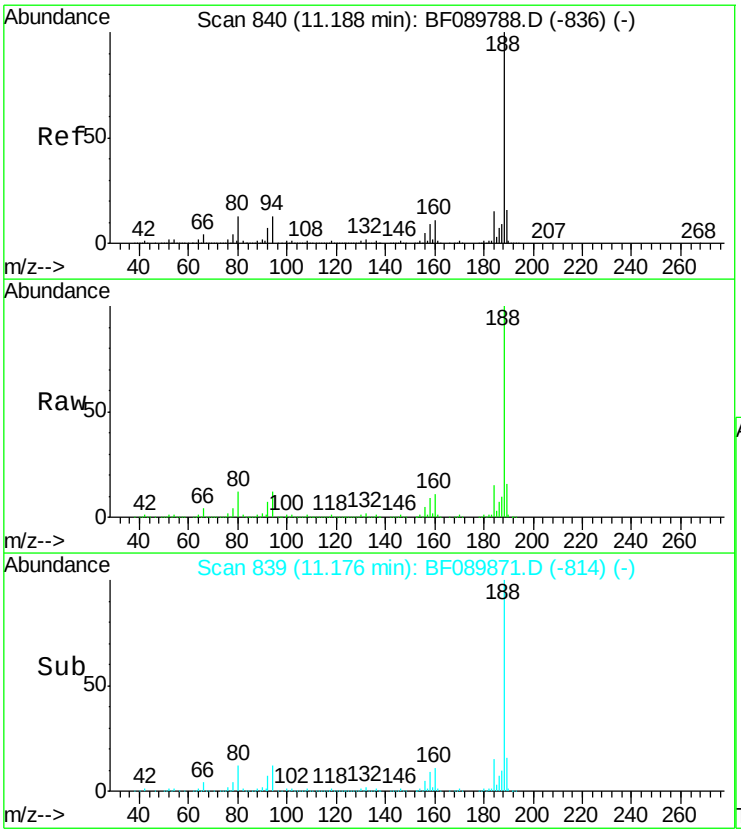
#56
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.21 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion:165 Resp: 95477

Ion	Ratio	Lower	Upper
165	100		
63	1.0	23.7	35.5#
89	1.1	44.0	66.0#
182	0.0	2.0	3.0#

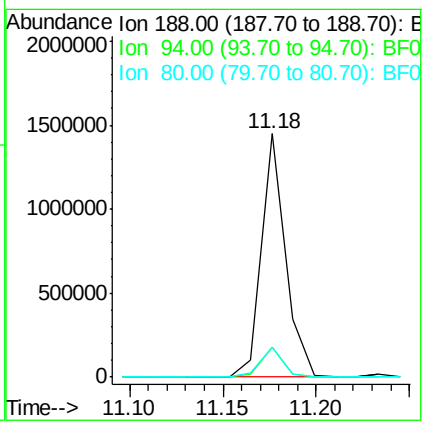


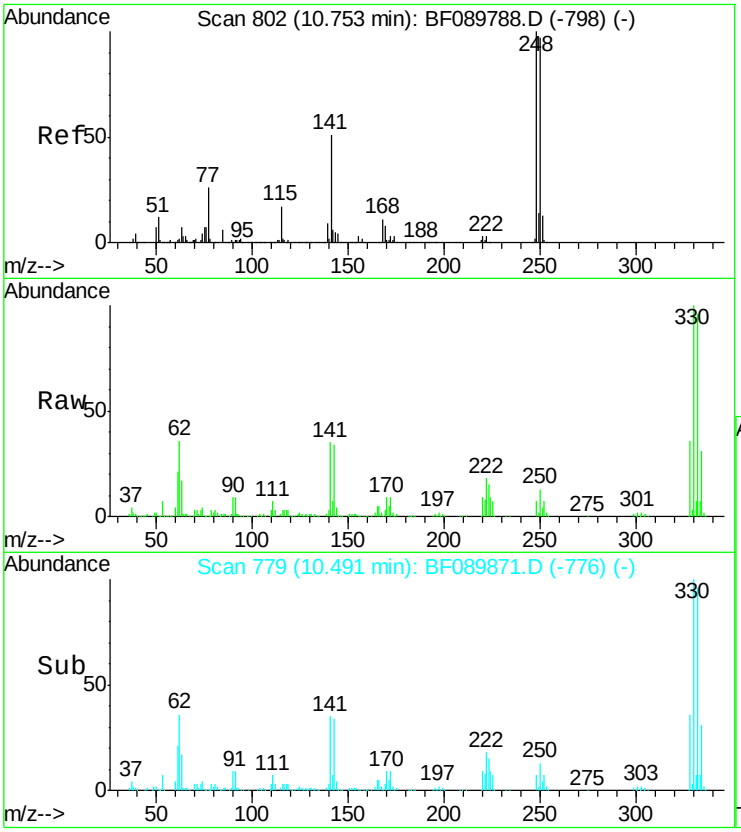


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Tgt Ion:188 Resp: 1307232

Ion	Ratio	Lower	Upper
188	100		
94	12.0	10.2	15.2
80	12.1	10.9	16.3



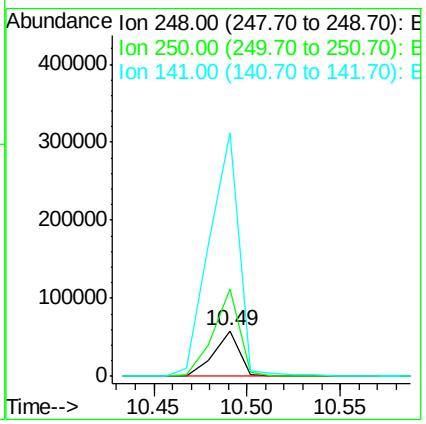


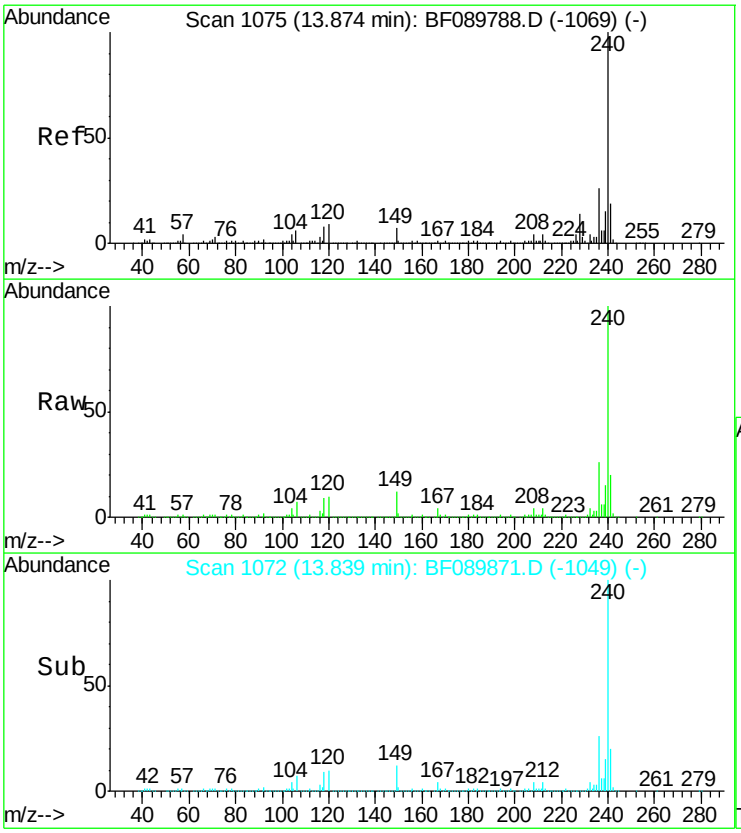
#66
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.26 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion:248 Resp: 56056

Ion	Ratio	Lower	Upper
248	100		
250	192.1	78.6	117.8#
141	532.3	31.4	47.2#

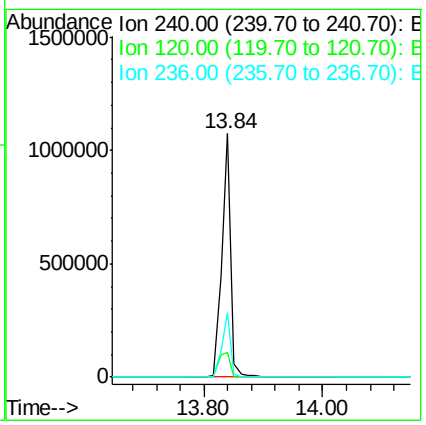


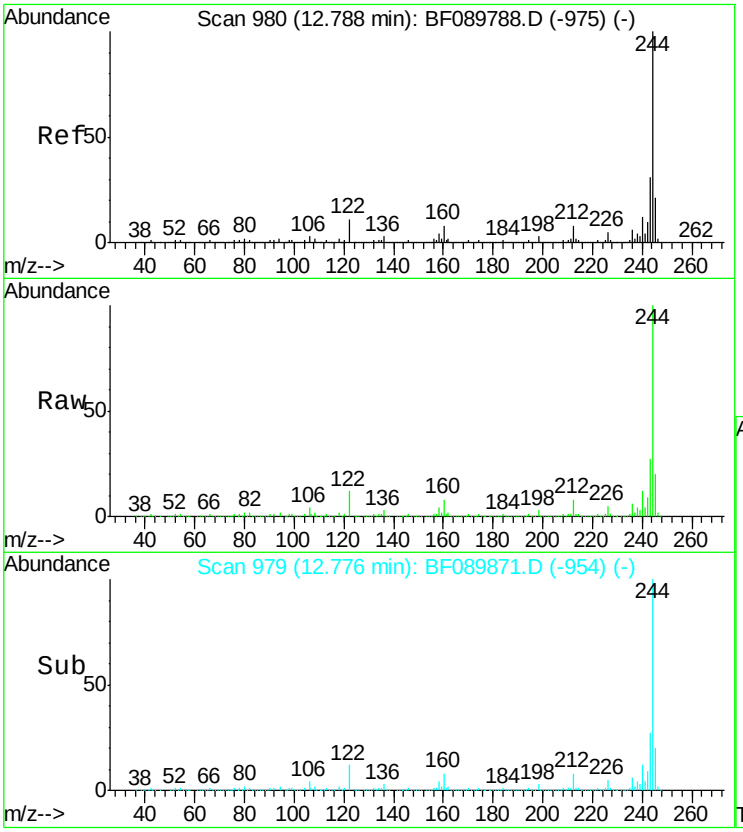


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Tgt Ion:240 Resp: 1119075

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	26.3	21.3	31.9



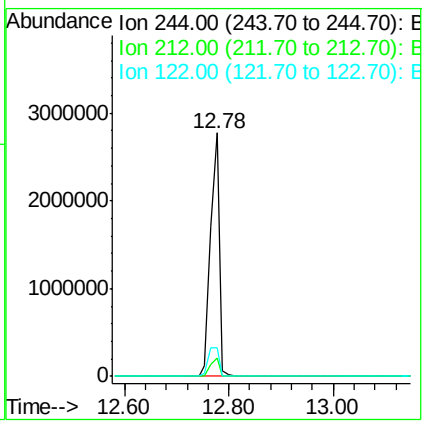


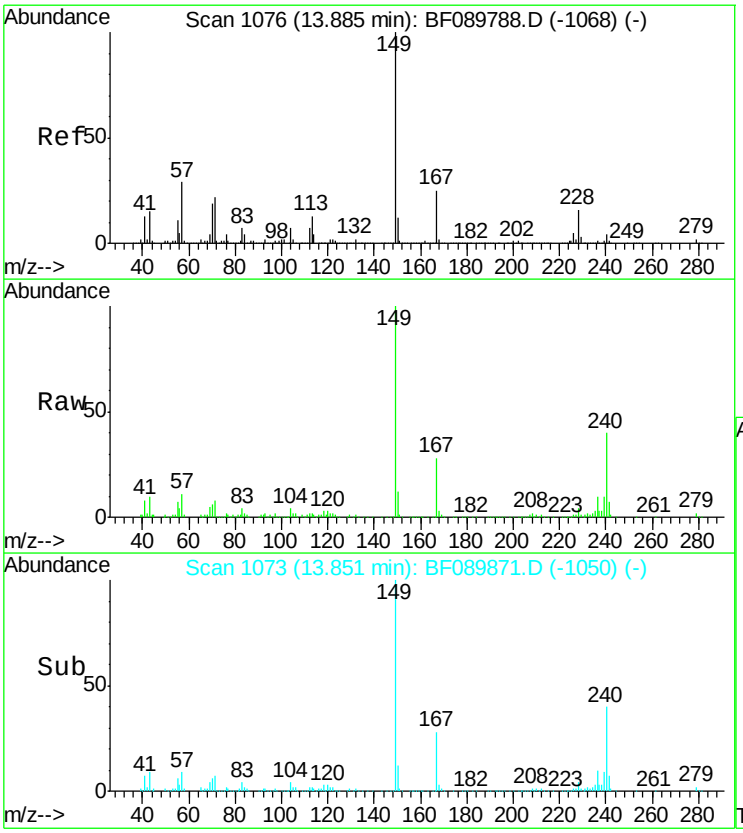
#78
Terphenyl-d14
Concen: 65.24 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion:244 Resp: 3227249

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	11.5	12.0	18.0#

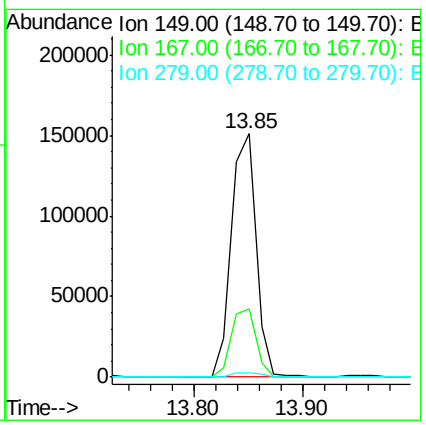


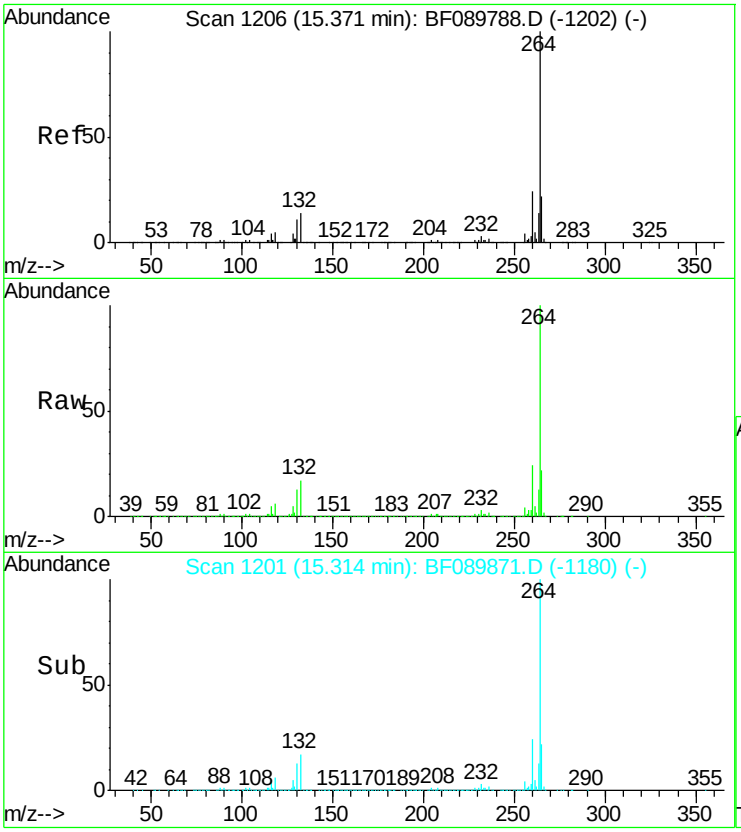


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.12 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.03 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Tgt Ion:149 Resp: 233468

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.2	31.8
279	1.7	2.9	4.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.06 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion:264 Resp: 860056

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.2	30.2
265	21.6	17.4	26.2