Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
Data File : BF089351.D
Acq On : 28 Jul 2016 7:26
Operator : UM/SJ
Sample : H4157-24
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : I-21

Quant Time: Jul 28 08:10:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	41770	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	192545	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	87408	20.00	ng		0.00
63) Phenanthrene-d10	11.04	188	176666	20.00	ng		-0.01
75) Chrysene-d12	13.67	240	132604	20.00	ng		0.00
86) Perylene-d12	14.99	264	99742	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	359933	137.59	ng		0.02
7) Phenol-d6	6.20	99	482000	139.42	ng		0.00
23) Nitrobenzene-d5	7.12	82	340197	104.29	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	118271	163.37	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	615233	103.30	ng		0.00
78) Terphenyl-d14	12.63	244	541789	95.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	36316	29.74	ng	#	26
9) Benzaldehyde	6.32	77	9580	5.68	ng		86
15) Benzyl Alcohol	6.70	79	5087	2.37	ng	#	49
19) n-Nitroso-di-n-propylamine	7.12	70	44415	21.31	ng	#	79
25) Isophorone	7.12	82	269183	40.96	ng	#	67
50) 2,6-Dinitrotoluene	9.58	165	11093	8.12	ng	#	24
56) 2,4-Dinitrotoluene	9.58	165	11093	6.16	ng	#	7
66) 4-Bromophenyl-phenylether	10.36	248	8274	4.91	ng	#	1

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

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Misc :
ALS Vial : 21 Sample Multiplier: 1

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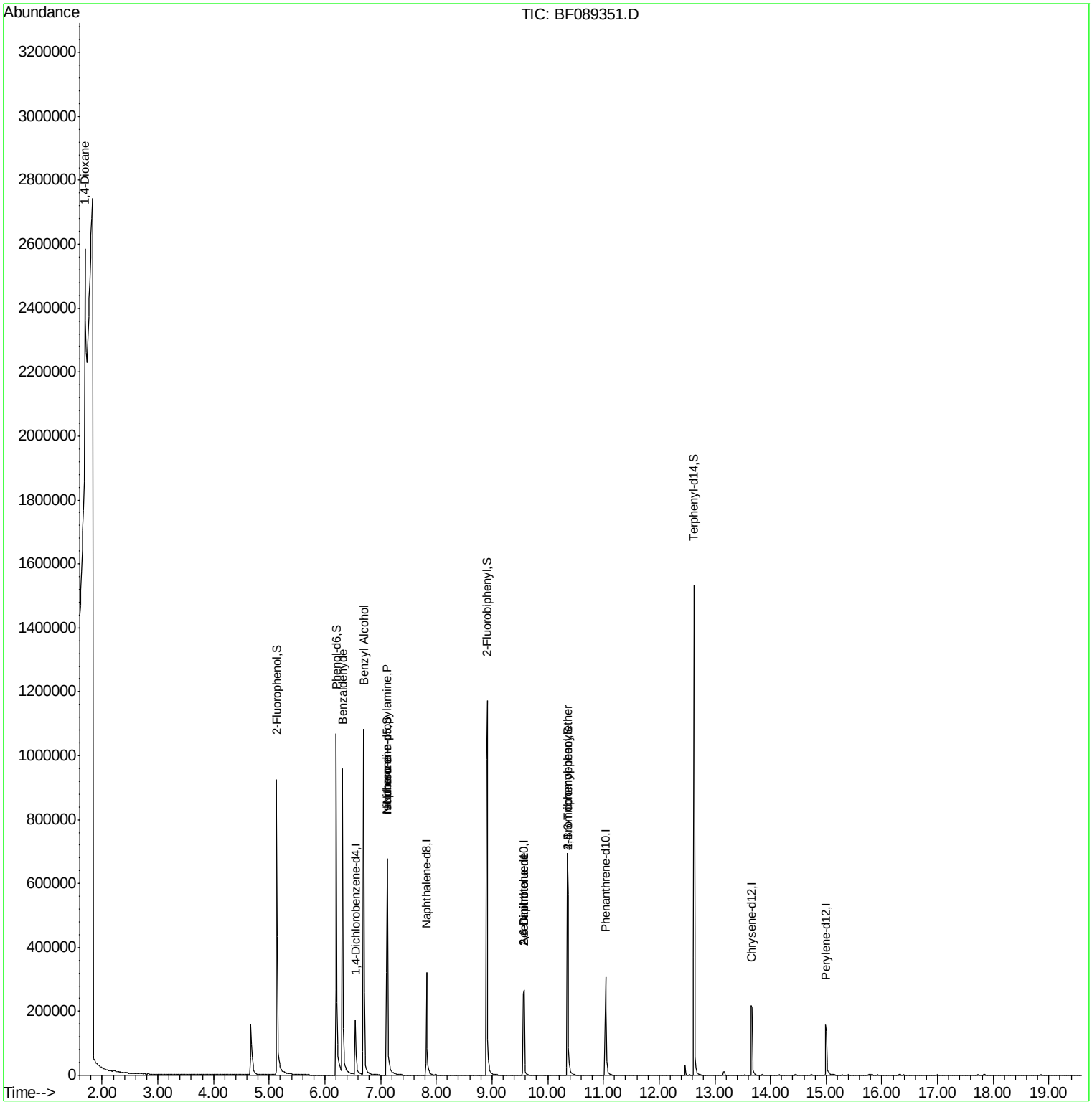
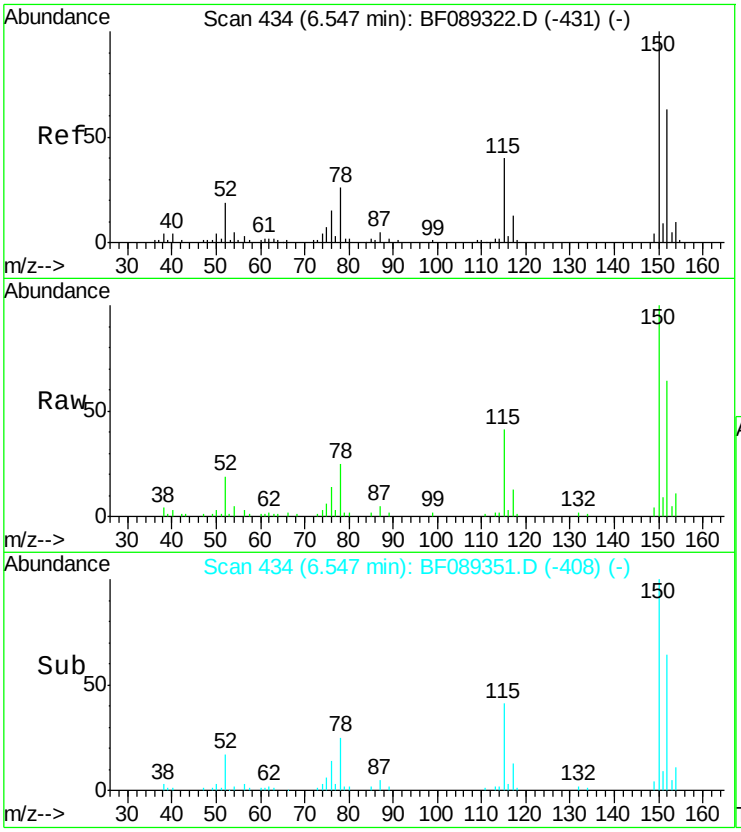


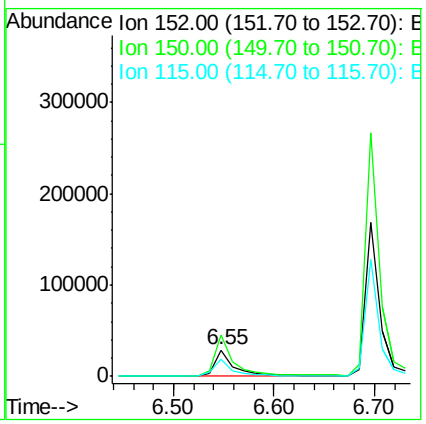


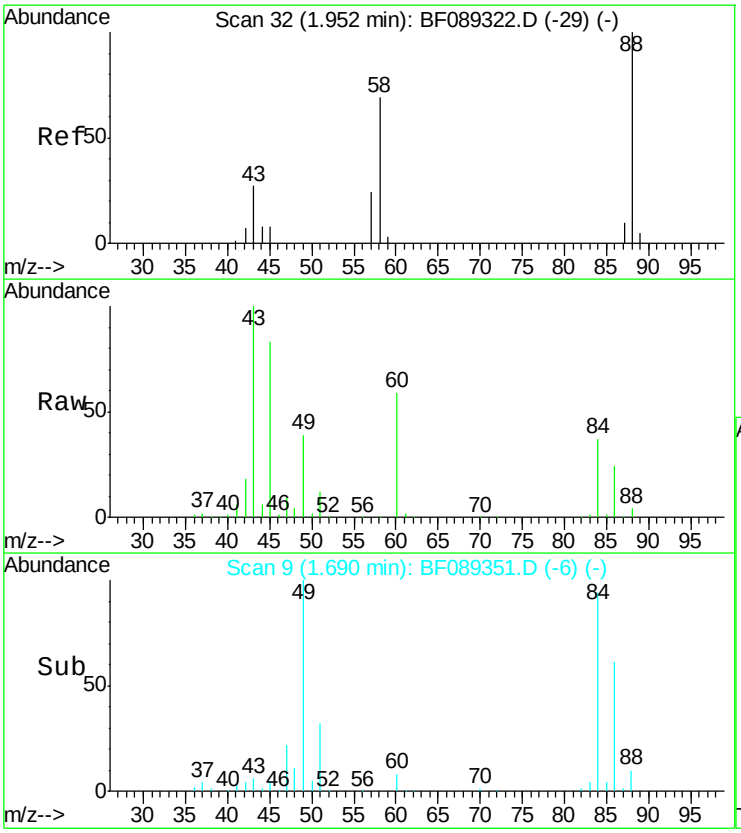
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Instrument :
BNA_F
ClientSampleId :
I-21

Tgt Ion:152 Resp: 41770

Ion	Ratio	Lower	Upper
152	100		
150	157.1	129.5	194.3
115	64.5	51.4	77.2

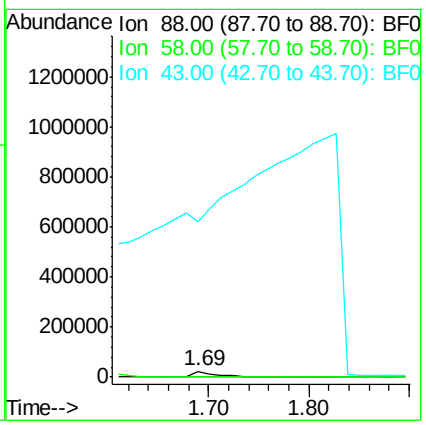


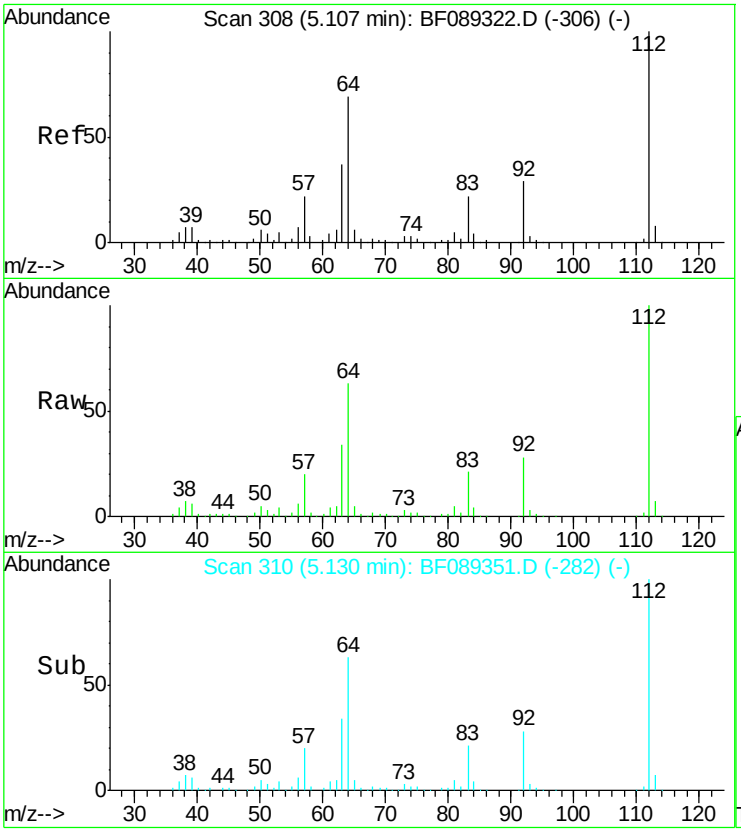


#2
1,4-Dioxane
Concen: 29.74 ng
RT: 1.69 min Scan# 9
Delta R.T. -0.26 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Tgt Ion: 88 Resp: 36316

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.2	79.8#
43	0.0	20.6	31.0#



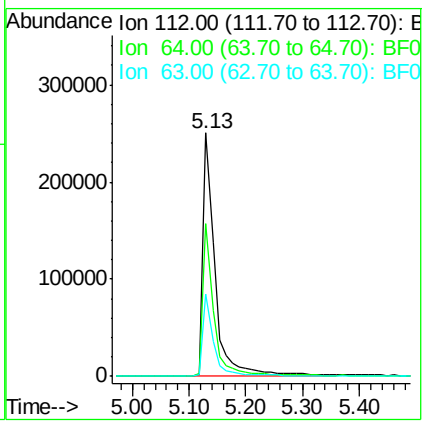


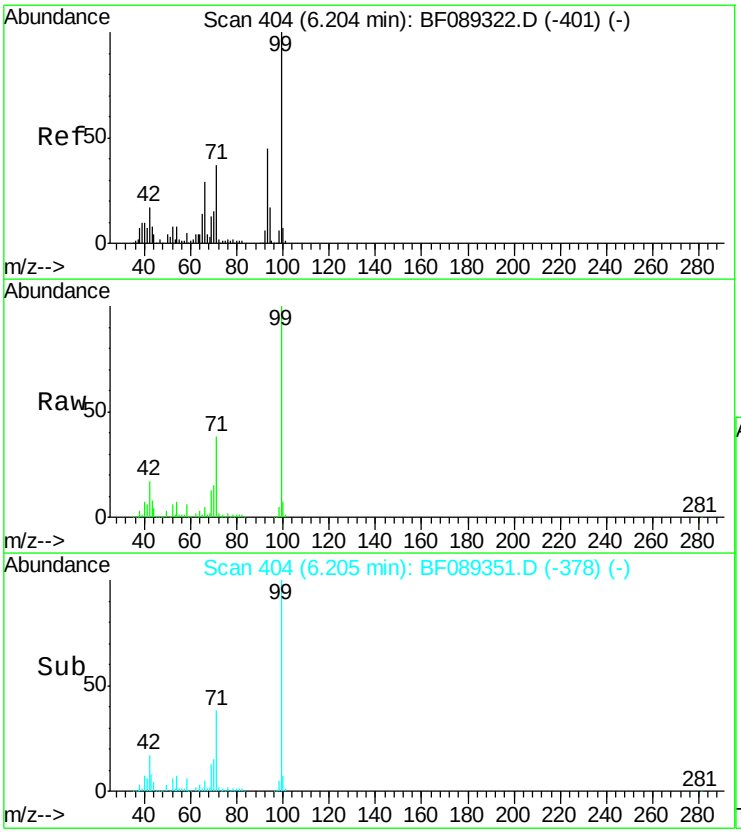
#5
2-Fluorophenol
Concen: 137.59 ng
RT: 5.13 min Scan# 310
Delta R.T. 0.02 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Instrument :
BNA_F
ClientSampleId :
I-21

Tgt Ion:112 Resp: 359933

Ion	Ratio	Lower	Upper
112	100		
64	62.6	55.0	82.6
63	33.7	29.4	44.2

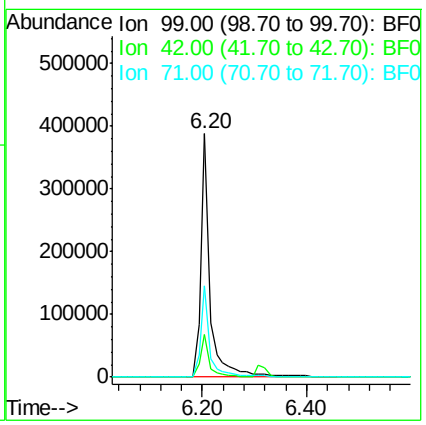


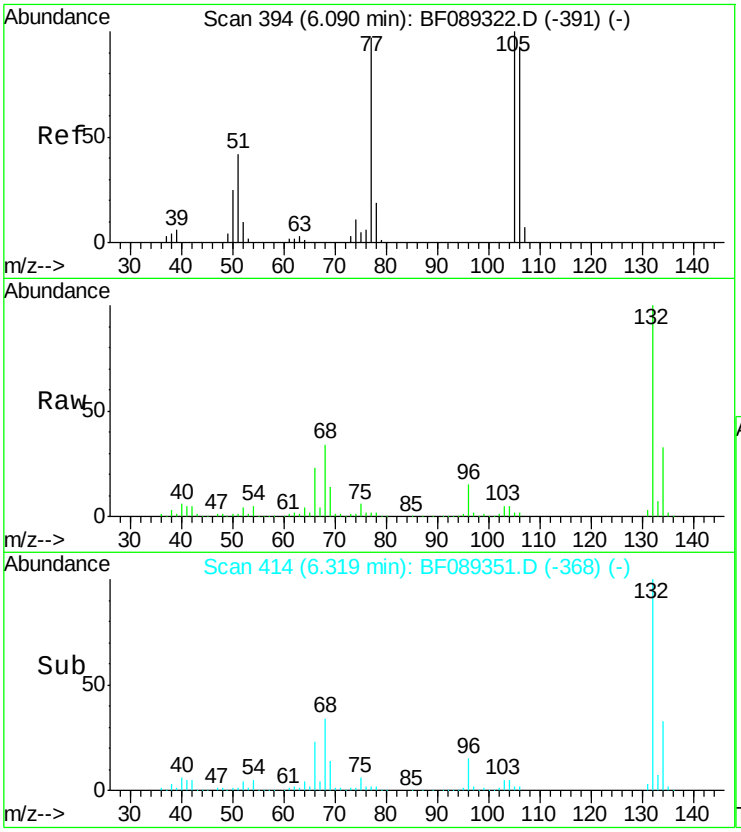


#7
Phenol-d6
Concen: 139.42 ng
RT: 6.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Tgt Ion: 99 Resp: 482000

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.6	20.4
71	37.6	29.4	44.2



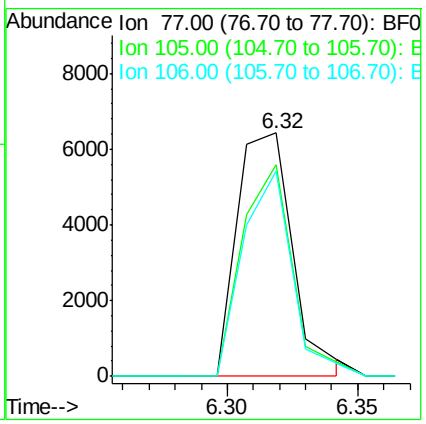


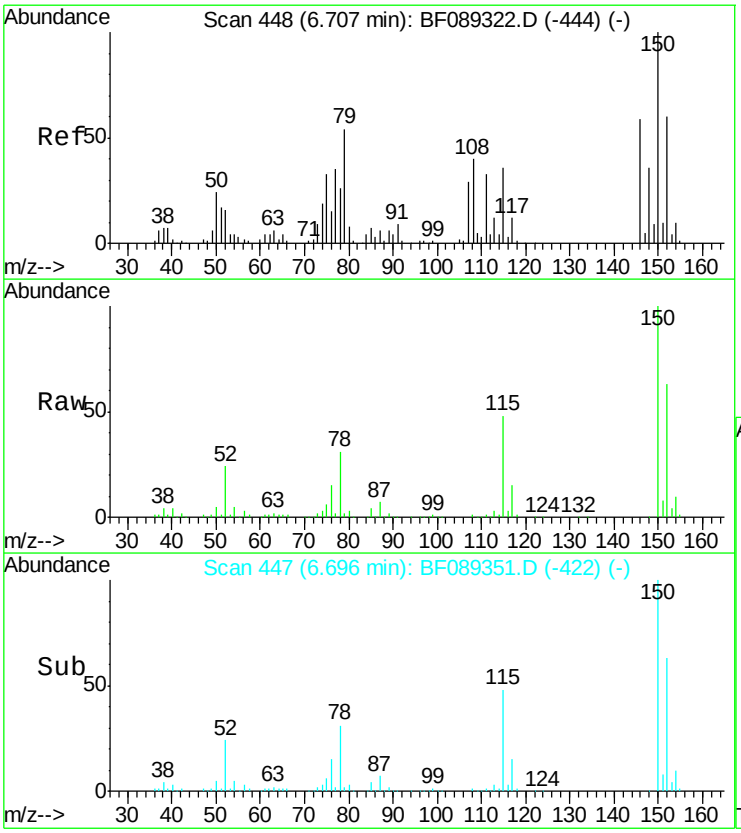
#9
Benzaldehyde
Concen: 5.68 ng
RT: 6.32 min Scan# 414
Delta R.T. 0.23 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Instrument :
BNA_F
ClientSampleId :
I-21

Tgt Ion: 77 Resp: 9580

Ion	Ratio	Lower	Upper
77	100		
105	86.9	82.9	122.9
106	84.2	75.9	115.9

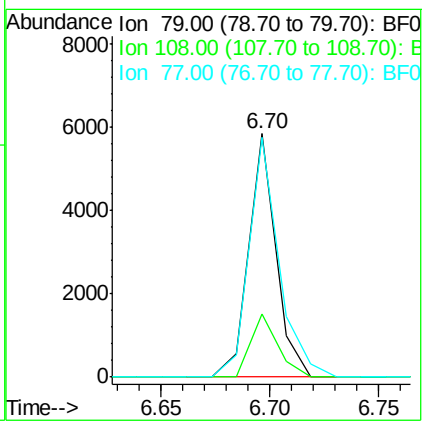


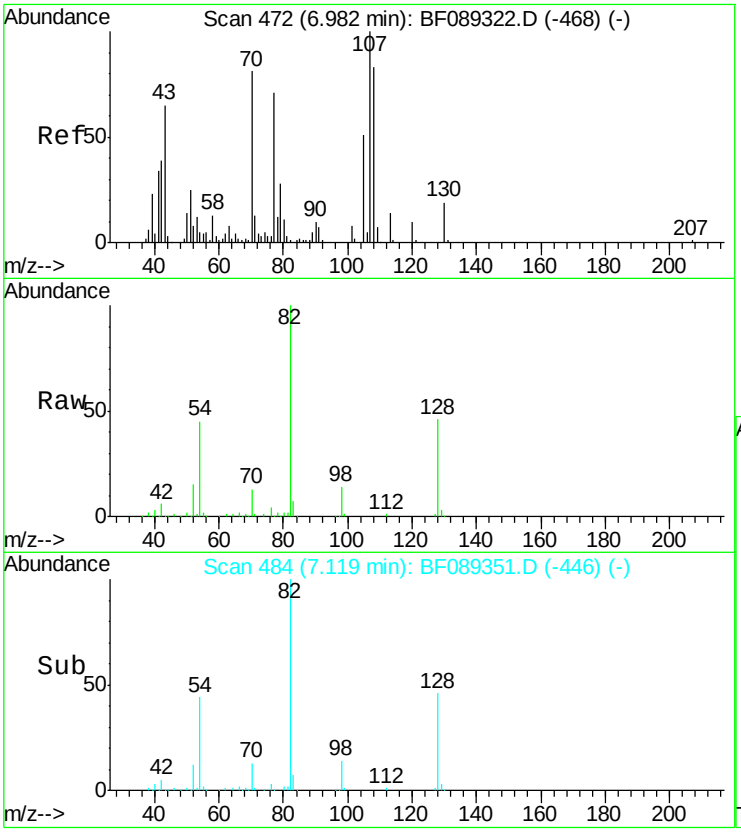


#15
Benzyl Alcohol
Concen: 2.37 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Tgt Ion: 79 Resp: 5087

Ion	Ratio	Lower	Upper
79	100		
108	25.7	59.8	89.6#
77	98.3	51.7	77.5#



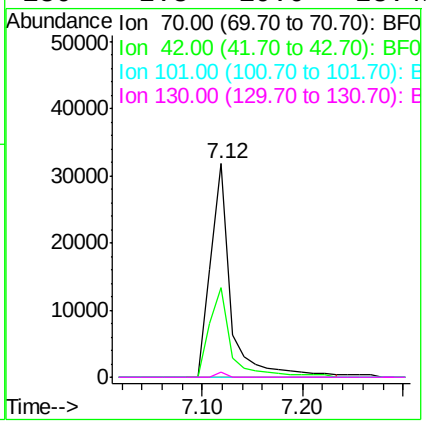


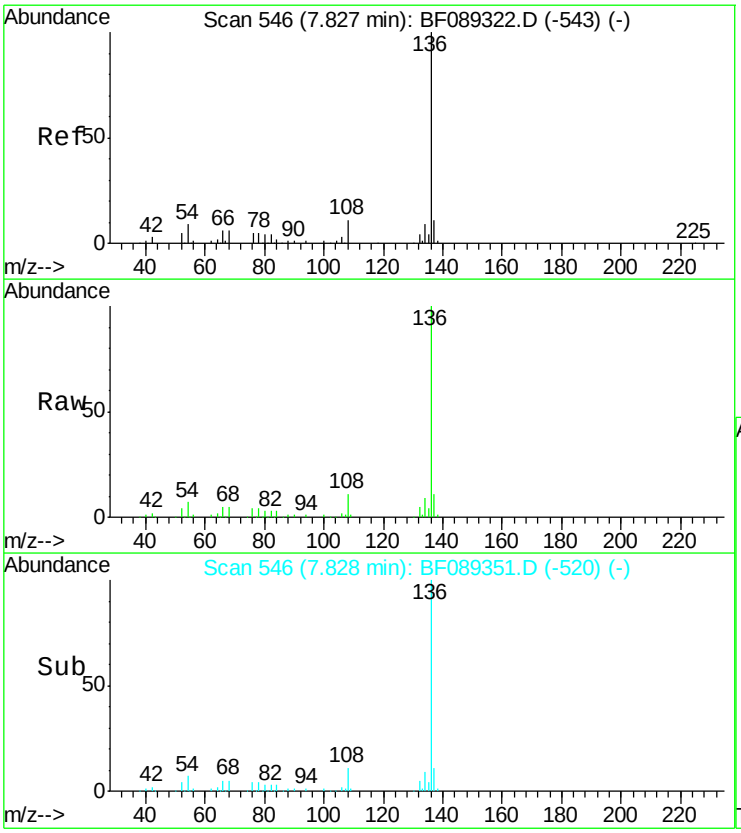
#19
n-Nitroso-di-n-propylamine
Concen: 21.31 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.14 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Instrument :
BNA_F
ClientSampleId :
I-21

Tgt Ion: 70 Resp: 44415

Ion	Ratio	Lower	Upper
70	100		
42	42.0	38.6	57.8
101	0.0	8.3	12.5#
130	2.3	19.0	28.4#

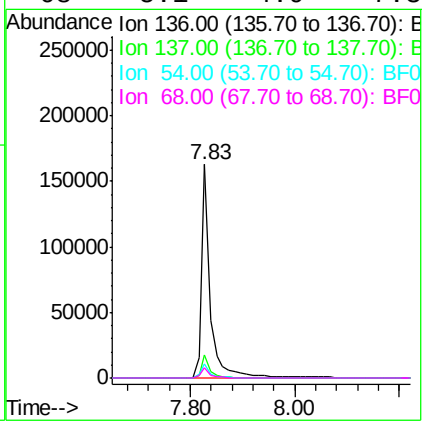


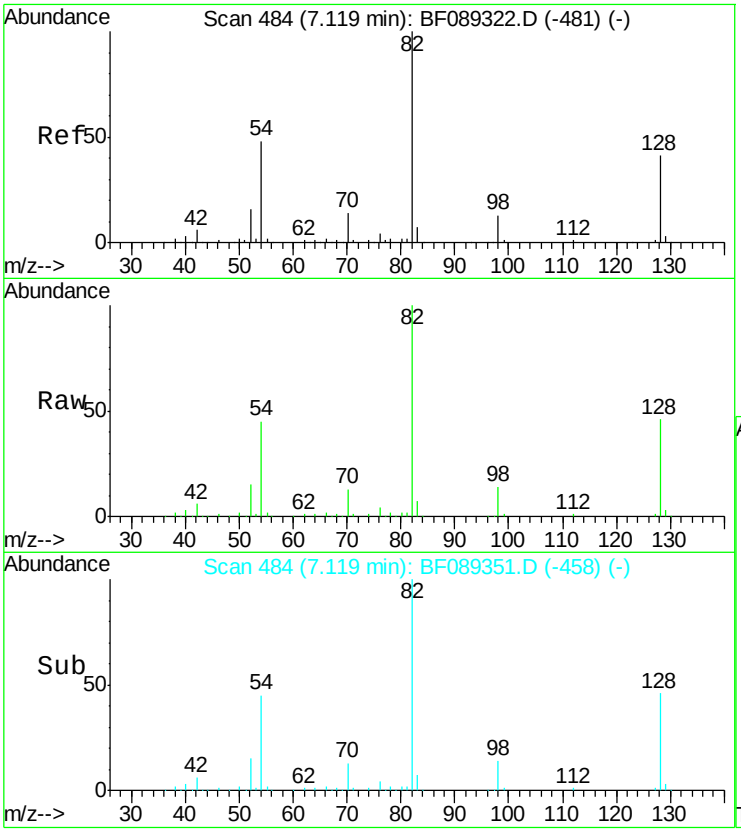


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Tgt Ion:136 Resp: 192545

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.8	7.0	10.4#
68	5.1	4.9	7.3



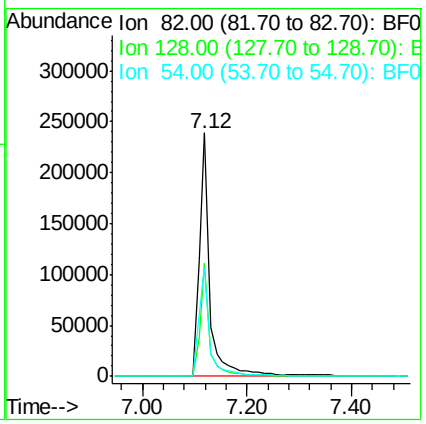


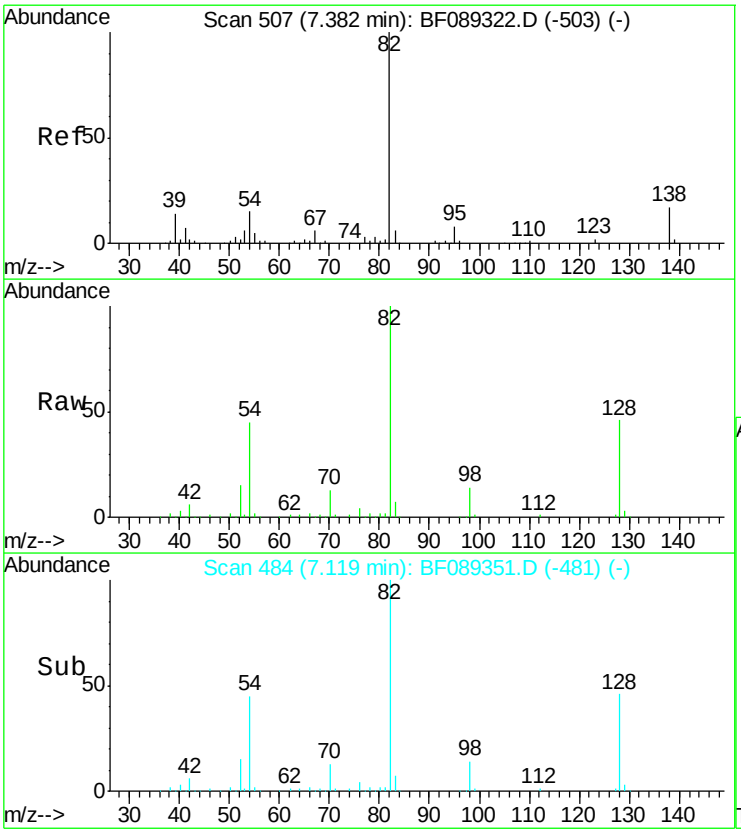
#23
Nitrobenzene-d5
Concen: 104.29 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Instrument :
BNA_F
ClientSampleId :
I-21

Tgt Ion: 82 Resp: 340197

Ion	Ratio	Lower	Upper
82	100		
128	46.3	32.5	48.7
54	44.7	38.8	58.2

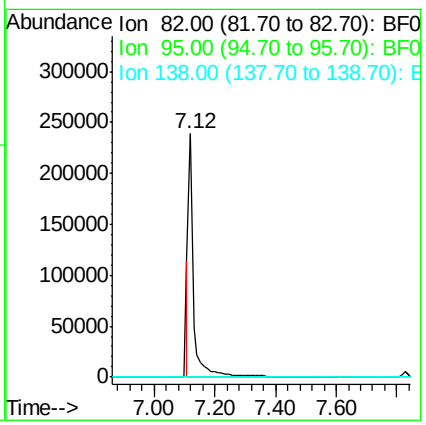


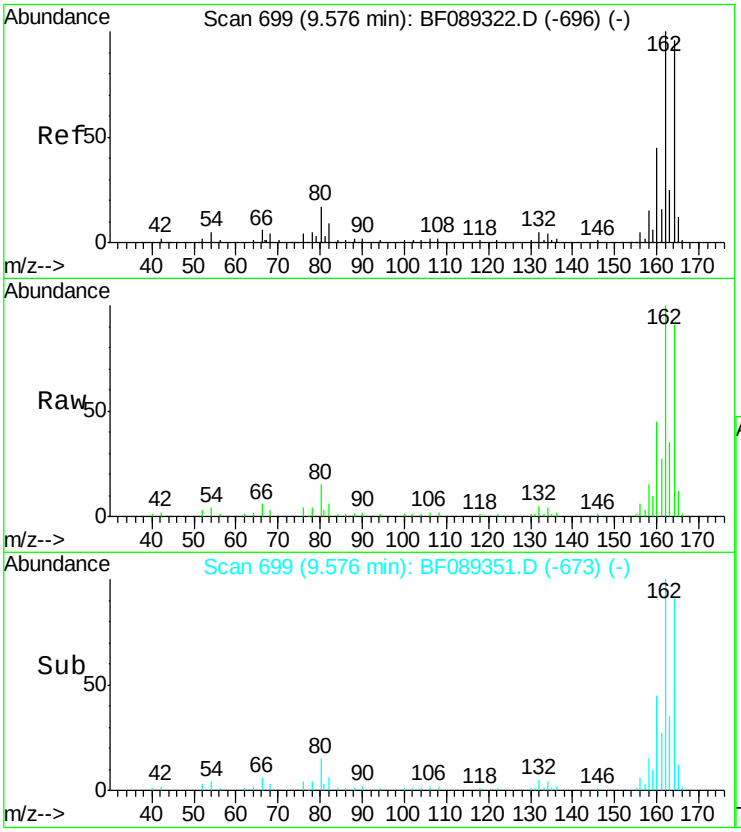


#25
Isophorone
Concen: 40.96 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.26 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Tgt Ion: 82 Resp: 269183

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



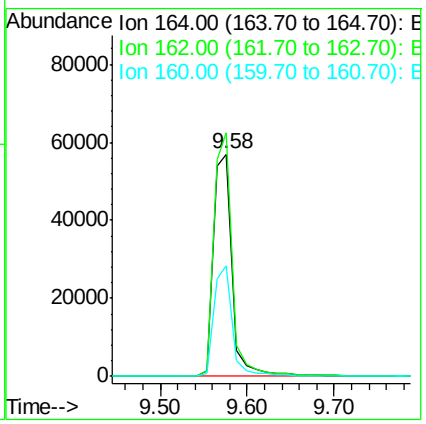


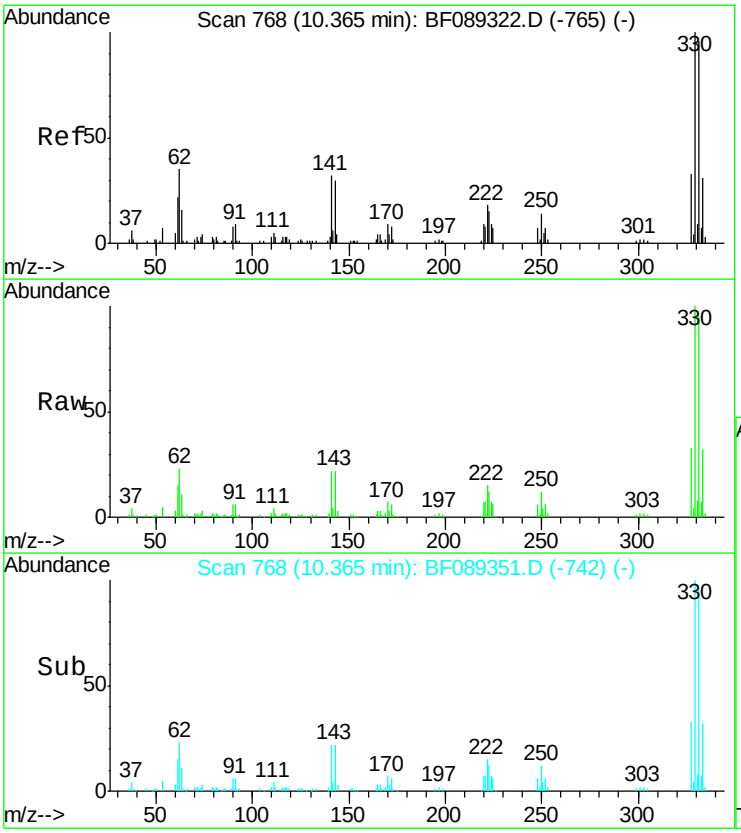
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Instrument :
BNA_F
ClientSampleId :
I-21

Tgt Ion:164 Resp: 87408

Ion	Ratio	Lower	Upper
164	100		
162	109.5	83.7	125.5
160	49.4	37.8	56.6

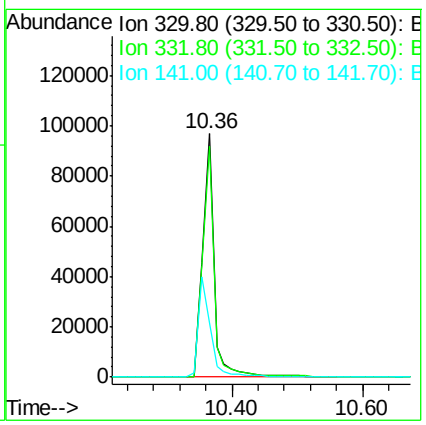


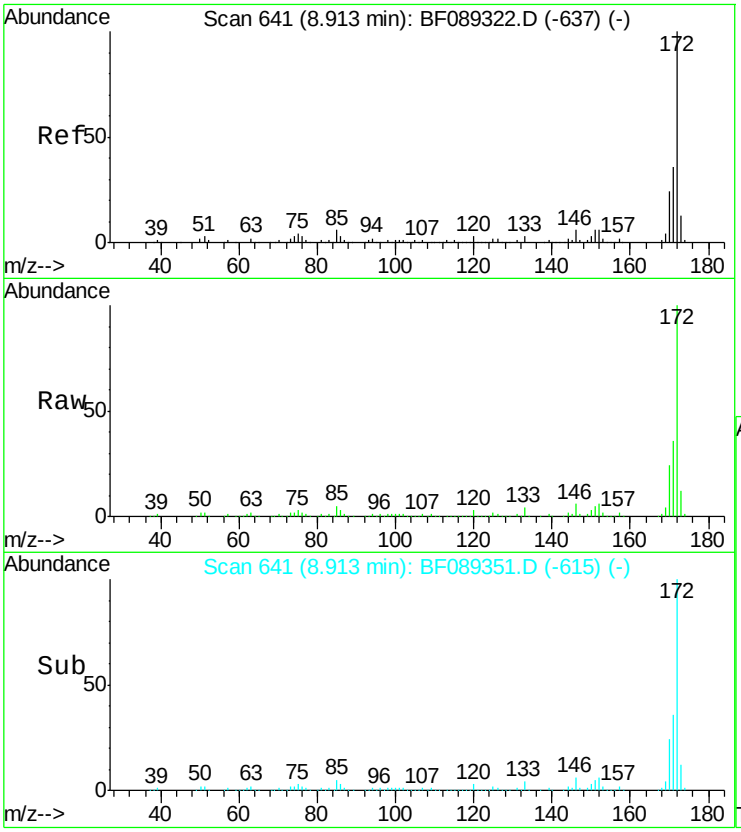


#41
2,4,6-Tribromophenol
Concen: 163.37 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Tgt Ion:330 Resp: 118271

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	43.1	37.3	55.9



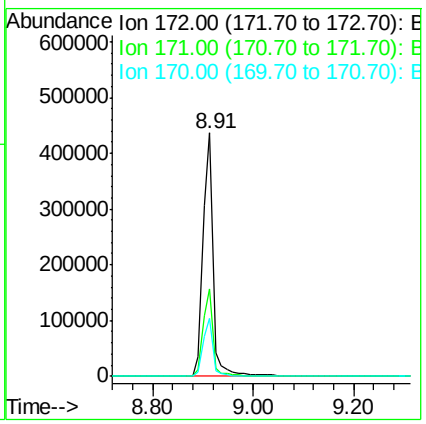


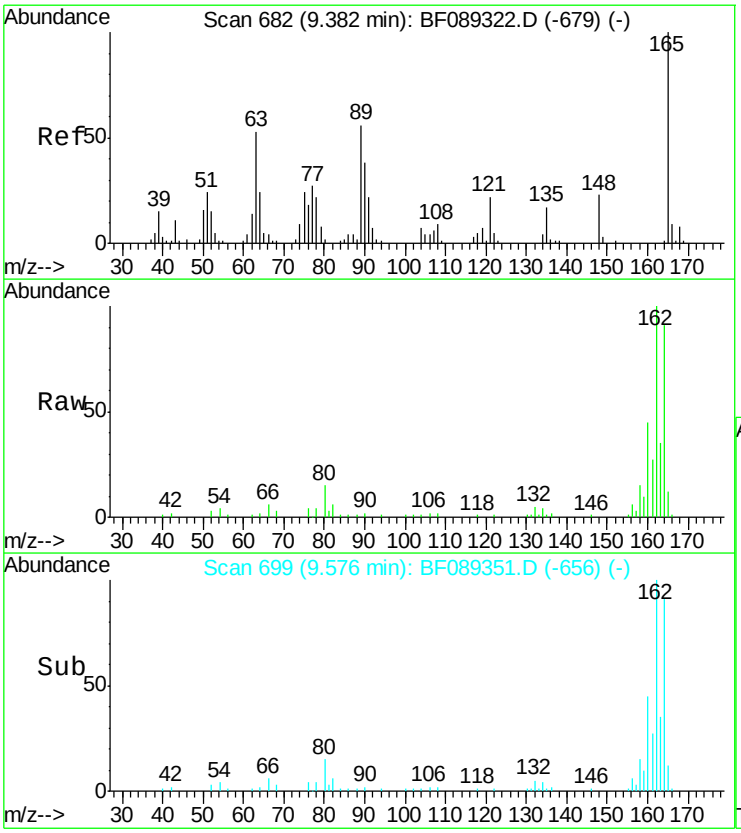
#44
2-Fluorobiphenyl
Concen: 103.30 ng
RT: 8.91 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Instrument :
BNA_F
ClientSampleId :
I-21

Tgt Ion:172 Resp: 615233

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.6	19.2	28.8

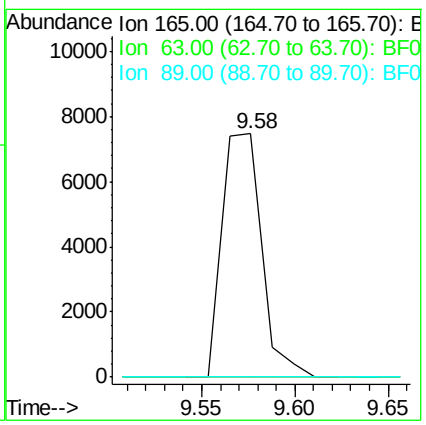


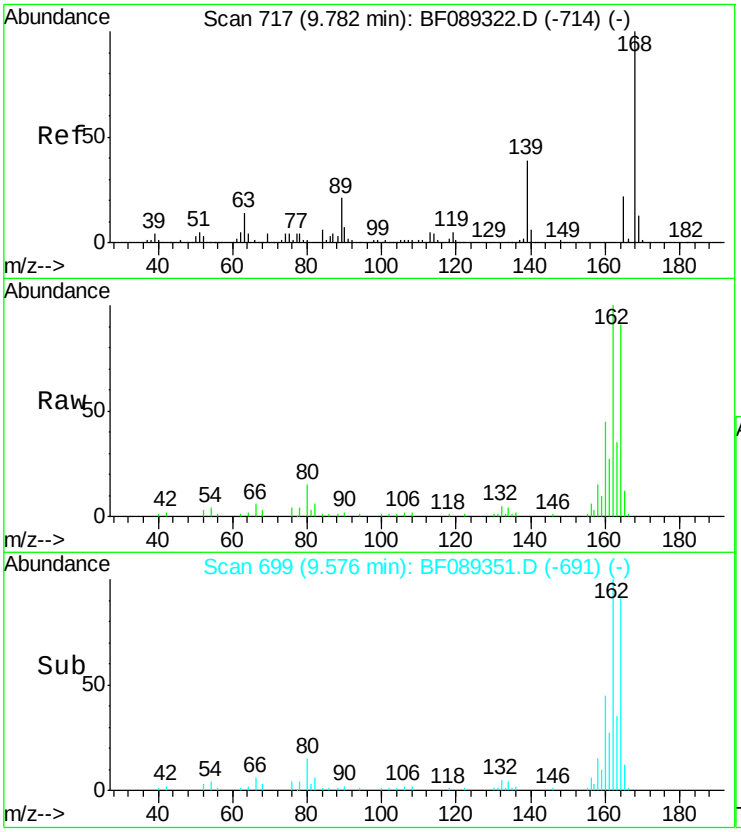


#50
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.19 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Tgt Ion:165 Resp: 11093

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



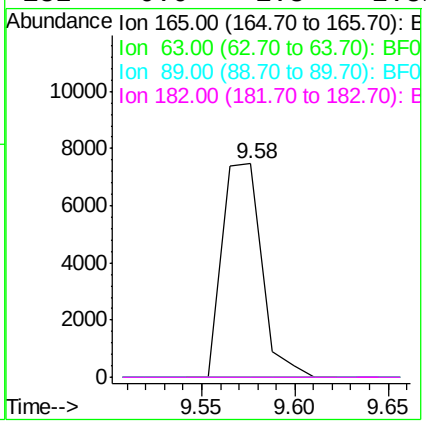


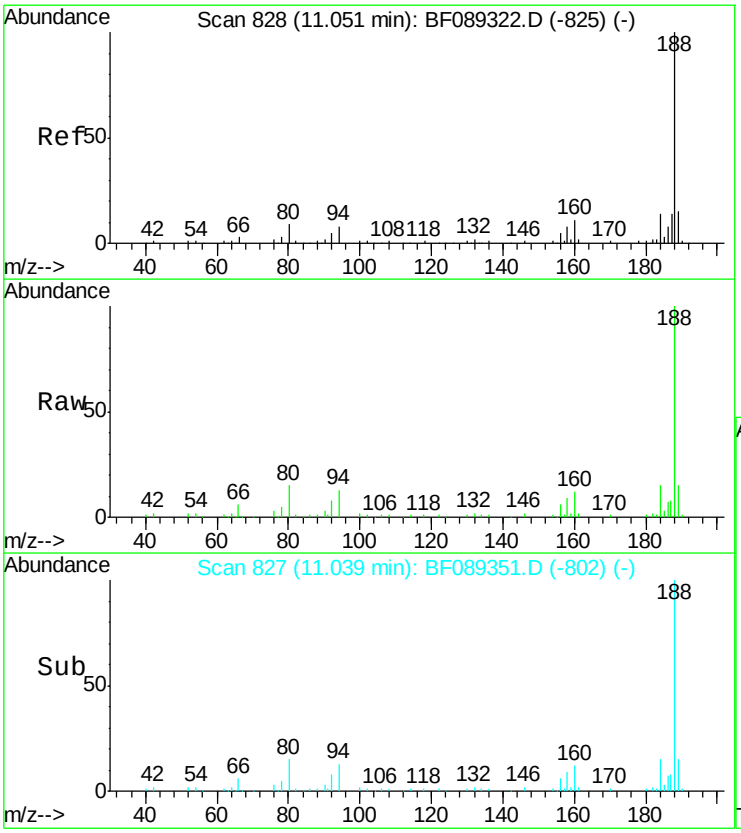
#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.21 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Instrument :
BNA_F
ClientSampleId :
I-21

Tgt Ion:165 Resp: 11093

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#

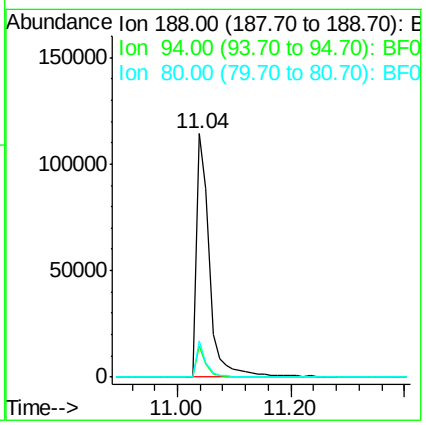


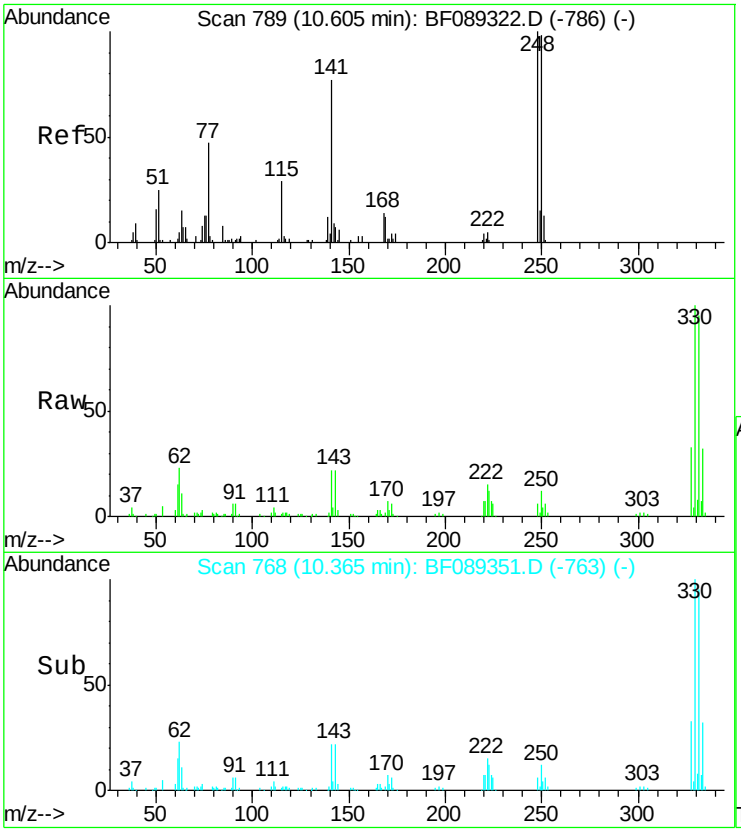


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Tgt Ion:188 Resp: 176666

Ion	Ratio	Lower	Upper
188	100		
94	12.9	6.5	9.7#
80	15.0	7.2	10.8#



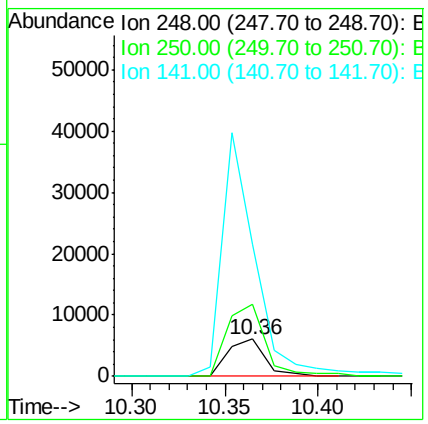


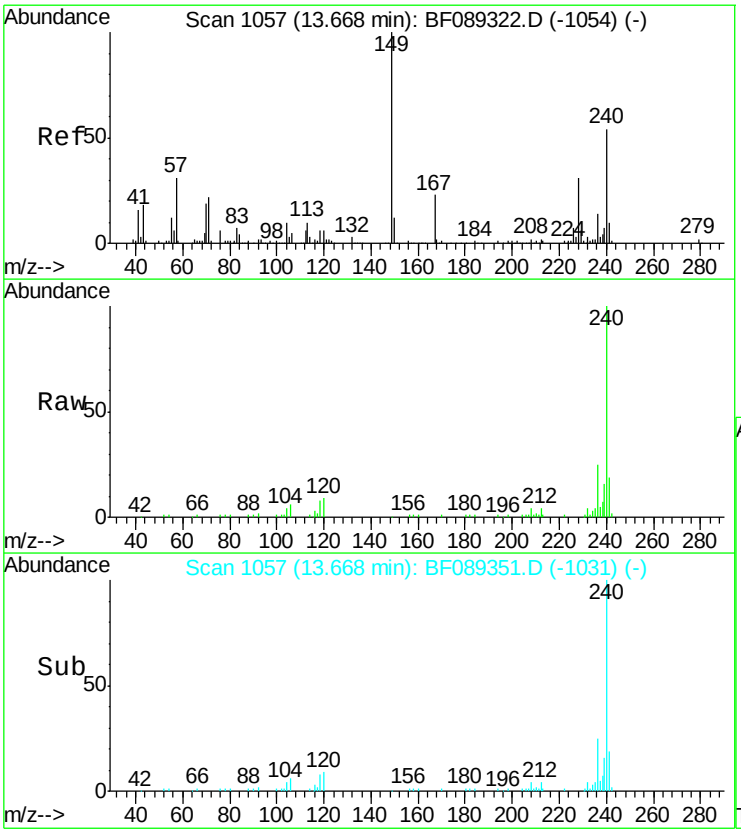
#66
4-Bromophenyl-phenylether
Concen: 4.91 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.24 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Instrument :
BNA_F
ClientSampleId :
I-21

Tgt Ion:248 Resp: 8274

Ion	Ratio	Lower	Upper
248	100		
250	194.0	78.2	117.2#
141	358.0	62.0	93.0#

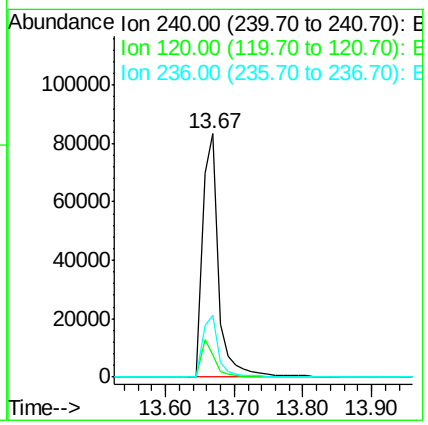


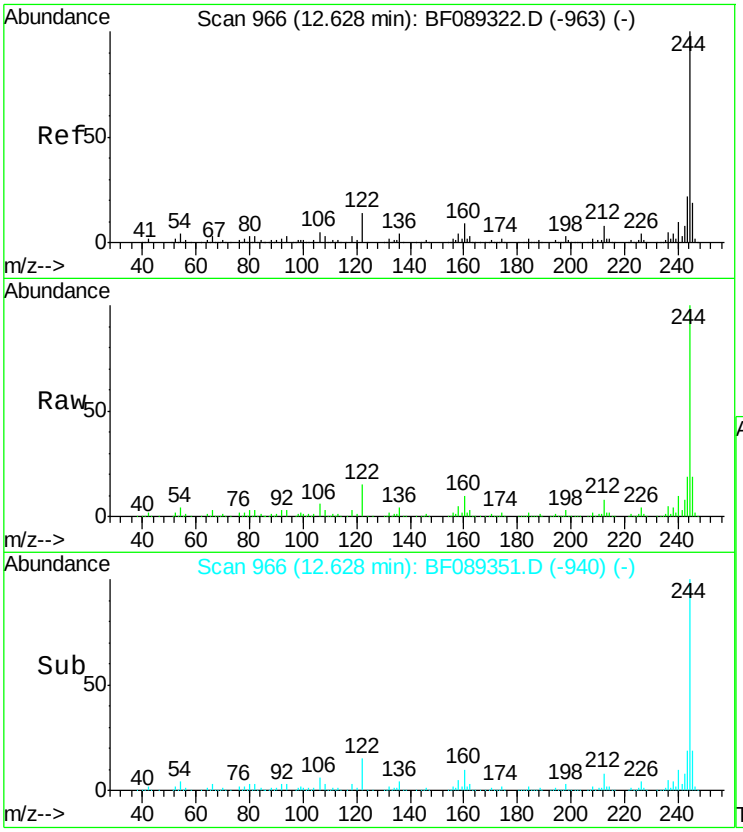


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Tgt Ion:240 Resp: 132604

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.1	13.7#
236	25.2	20.6	30.8



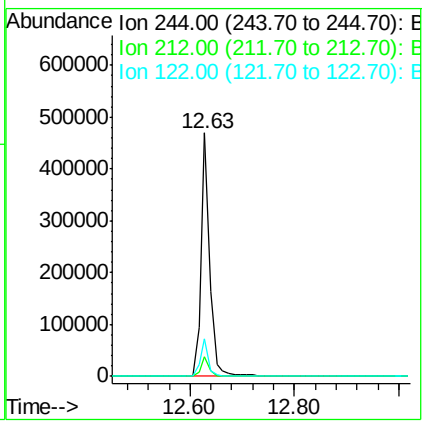


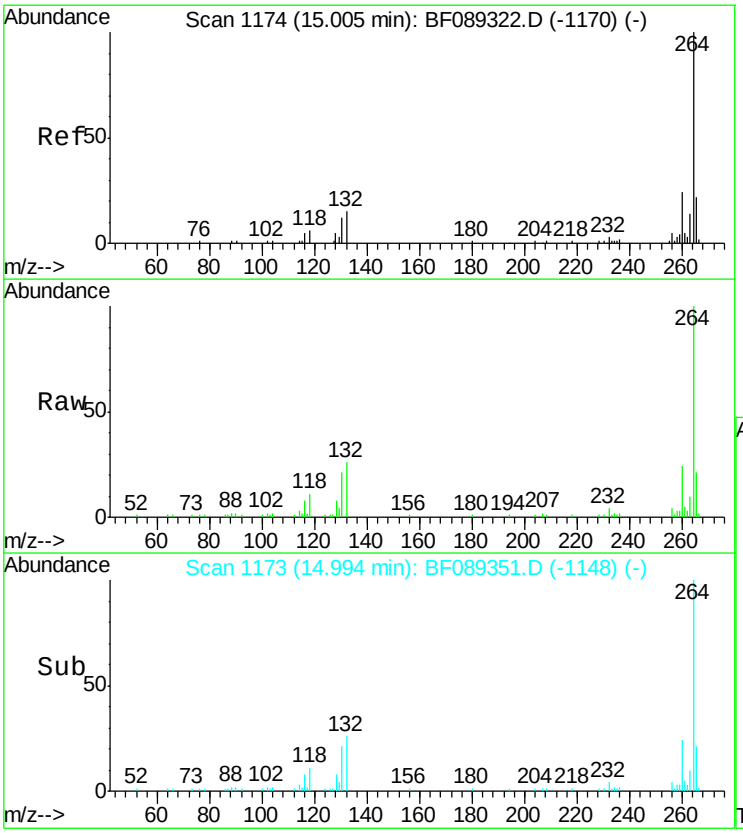
#78
Terphenyl-d14
Concen: 95.63 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Instrument :
BNA_F
ClientSampleId :
I-21

Tgt Ion:244 Resp: 541789

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	15.2	11.4	17.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF089351.D
Acq: 28 Jul 2016 7:26

Tgt Ion:264 Resp: 99742

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	20.6	17.5	26.3