Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
Data File : BF089352.D
Acq On : 28 Jul 2016 7:55
Operator : UM/SJ
Sample : H4157-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : I-22

Quant Time: Jul 28 08:25:23 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	40851	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	188877	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	85066	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	174174	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	132194	20.00	ng	0.00
86) Perylene-d12	15.01	264	101638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	324927	127.00	ng	0.02
7) Phenol-d6	6.20	99	436414	129.08	ng	0.00
23) Nitrobenzene-d5	7.12	82	311530	97.36	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	109017	154.74	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	555617	95.86	ng	0.00
78) Terphenyl-d14	12.63	244	518388	91.78	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.69	88	31610	26.04	ng	# 26
4) n-Nitrosodimethylamine	2.43	42	213	7.91	ng	# 1
15) Benzyl Alcohol	6.70	79	4425	2.11	ng	# 48
19) n-Nitroso-di-n-propylamine	7.12	70	40312	19.77	ng	# 78
25) Isophorone	7.12	82	233613	36.24	ng	# 67
27) 2,4-Dimethylphenol	7.64	122	5369	2.07	ng	# 1
32) Benzoic acid	7.64	122	5369	2.97	ng	91
50) 2,6-Dinitrotoluene	9.56	165	10231	7.69	ng	# 24
55) 4-Nitrophenol	9.79	139	306	6.60	ng	# 4
56) 2,4-Dinitrotoluene	9.56	165	10229	5.84	ng	# 7
66) 4-Bromophenyl-phenylether	10.35	248	7729	4.65	ng	# 1

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

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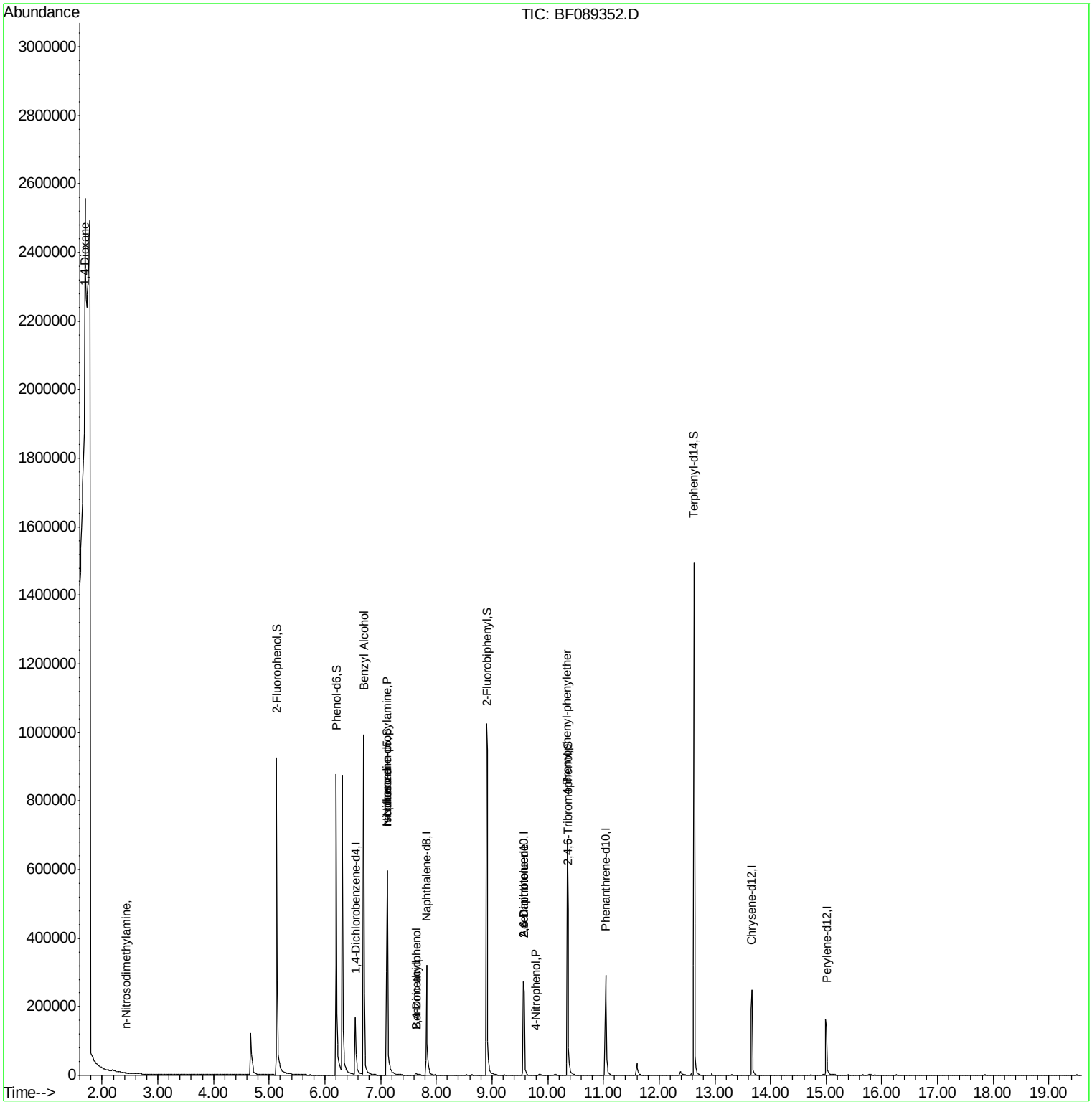
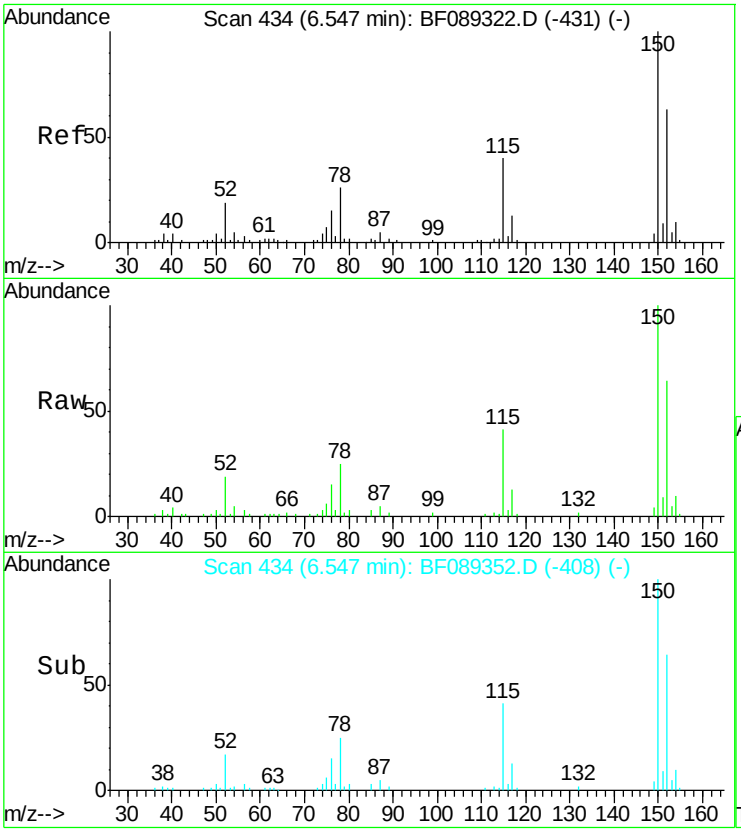


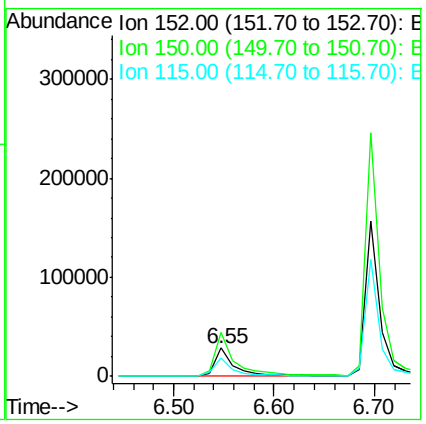


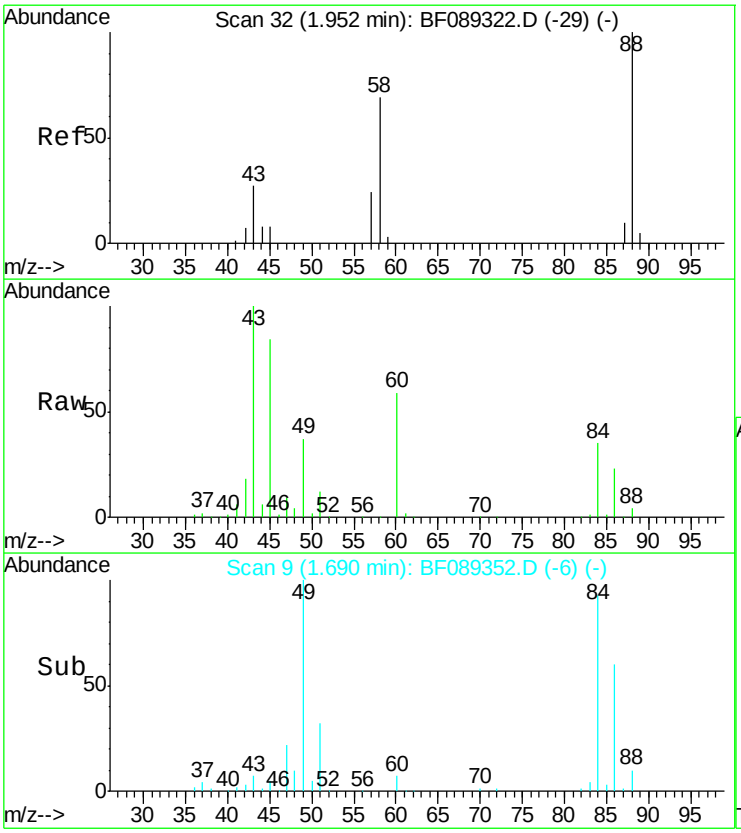
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
I-22

Tgt Ion:152 Resp: 40851

Ion	Ratio	Lower	Upper
152	100		
150	156.7	129.5	194.3
115	64.0	51.4	77.2

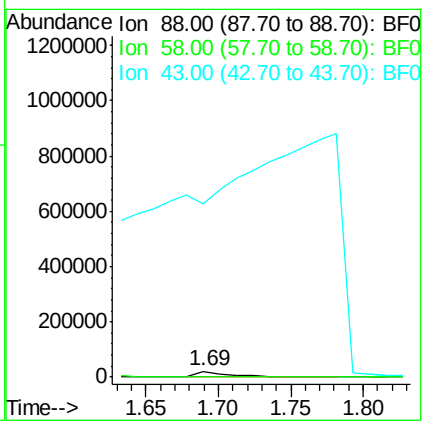


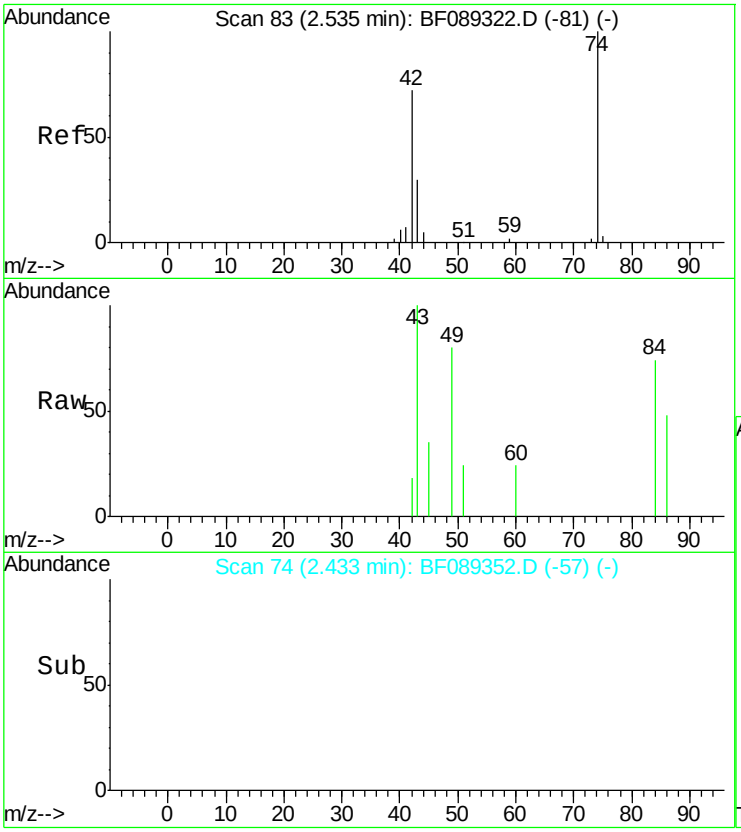


#2
1,4-Dioxane
Concen: 26.04 ng
RT: 1.69 min Scan# 9
Delta R.T. -0.26 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Tgt Ion: 88 Resp: 31610

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



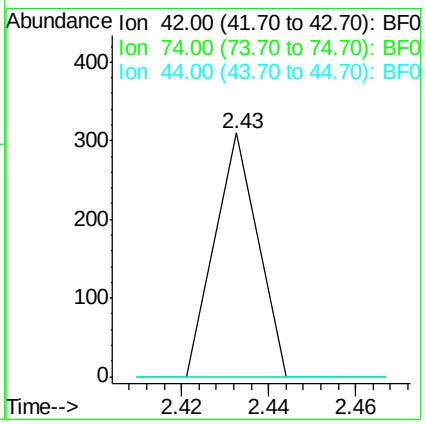


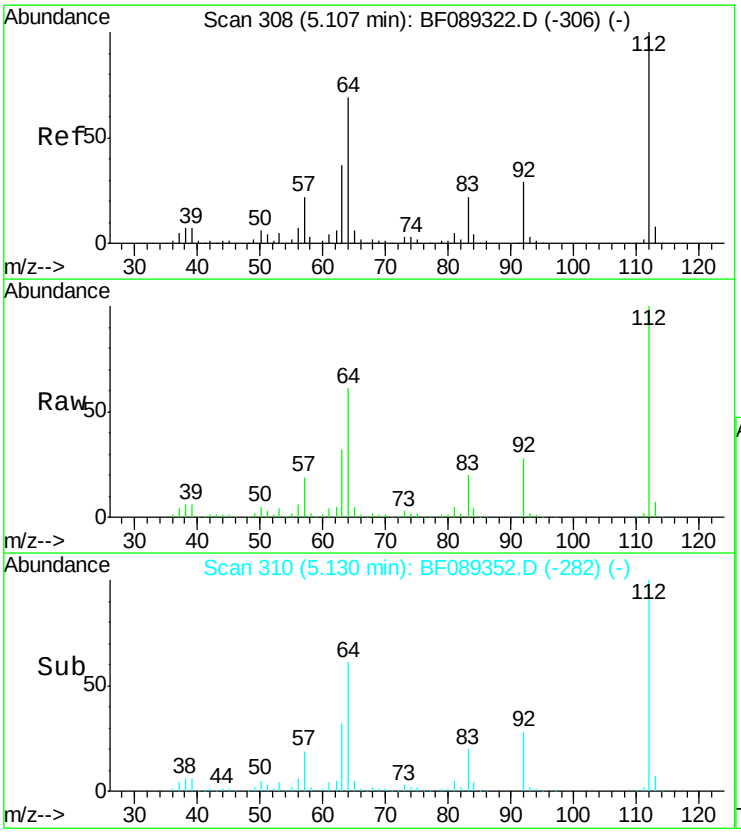
#4
n-Nitrosodimethylamine
Concen: 7.91 ng
RT: 2.43 min Scan# 74
Delta R.T. -0.10 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
I-22

Tgt Ion: 42 Resp: 213

Ion	Ratio	Lower	Upper
42	100		
74	0.0	110.8	166.2#
44	0.0	5.2	7.8#

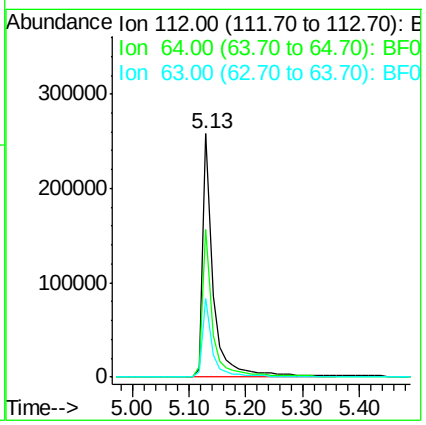


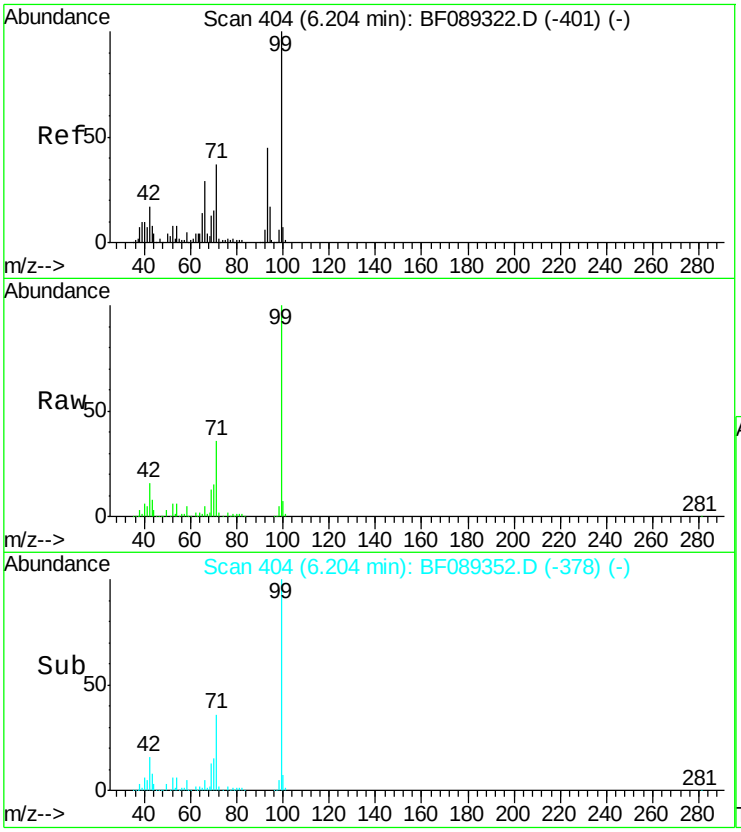


#5
2-Fluorophenol
Concen: 127.00 ng
RT: 5.13 min Scan# 310
Delta R.T. 0.02 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Tgt Ion:112 Resp: 324927

Ion	Ratio	Lower	Upper
112	100		
64	60.6	55.0	82.6
63	32.3	29.4	44.2



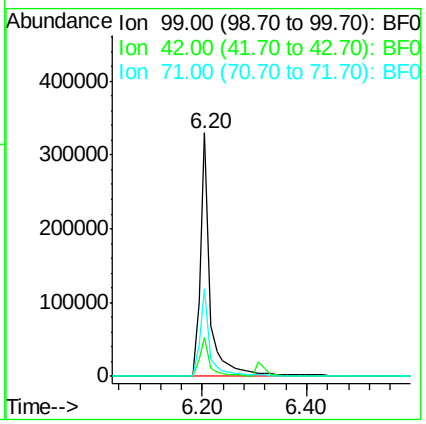


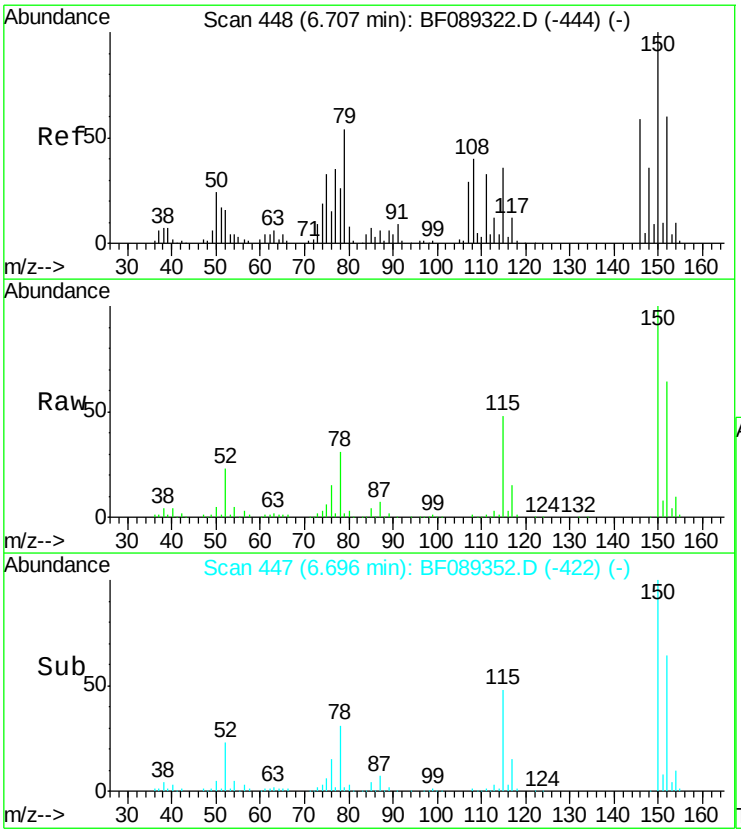
#7
Phenol-d6
Concen: 129.08 ng
RT: 6.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
I-22

Tgt Ion: 99 Resp: 436414

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	35.9	29.4	44.2

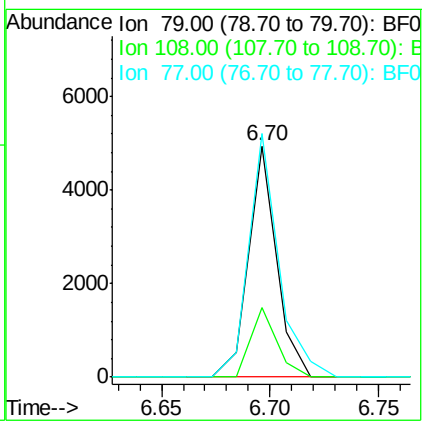


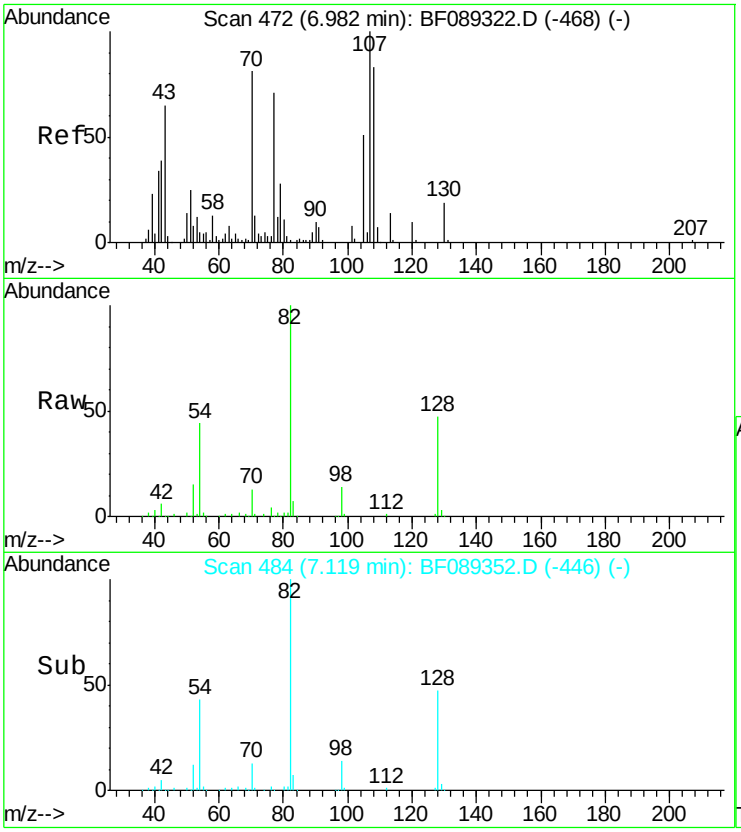


#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Tgt Ion: 79 Resp: 4425

Ion	Ratio	Lower	Upper
79	100		
108	29.8	59.8	89.6#
77	105.2	51.7	77.5#



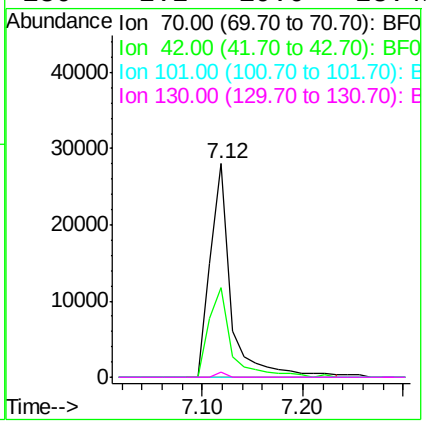


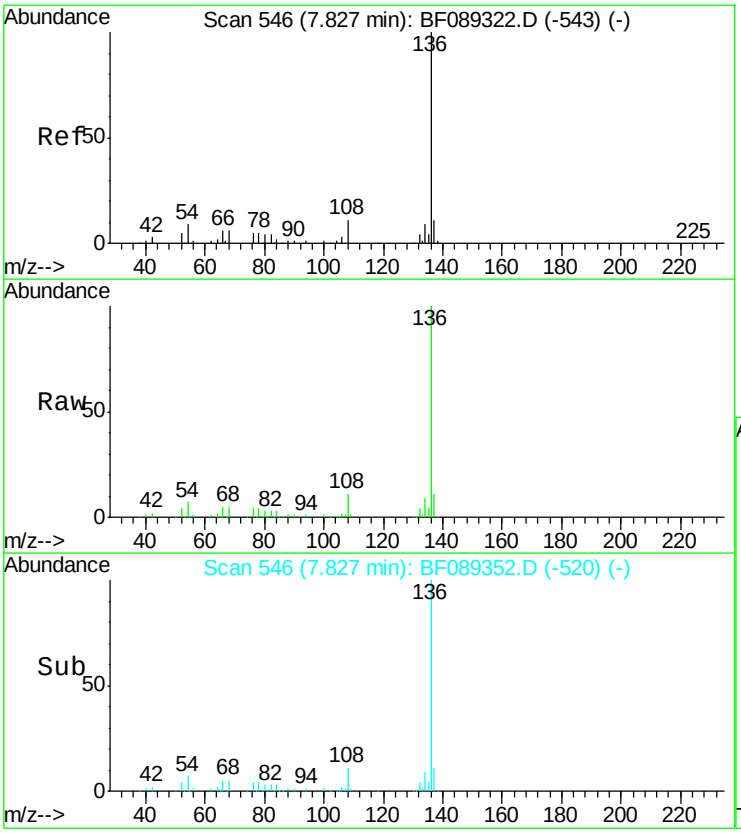
#19
n-Nitroso-di-n-propylamine
Concen: 19.77 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.14 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
I-22

Tgt Ion: 70 Resp: 40312

Ion	Ratio	Lower	Upper
70	100		
42	41.7	38.6	57.8
101	0.0	8.3	12.5#
130	2.2	19.0	28.4#

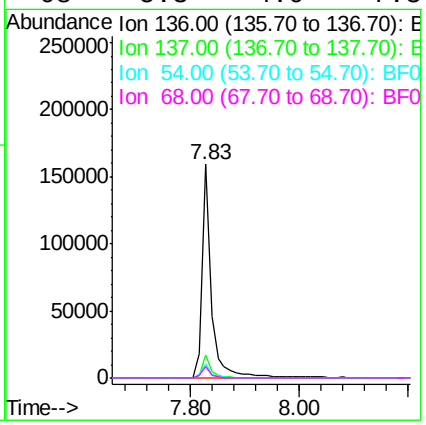


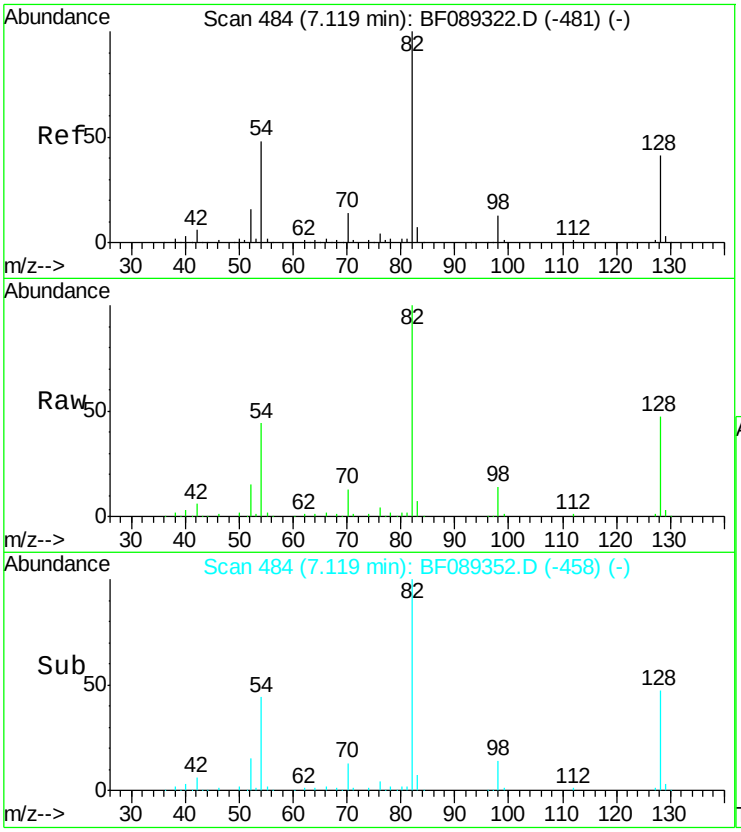


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Tgt Ion:136 Resp: 188877

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.8	7.0	10.4#
68	5.3	4.9	7.3



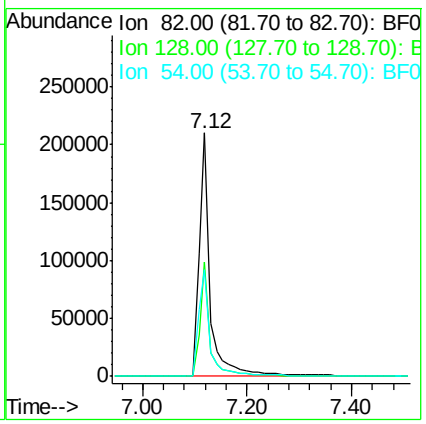


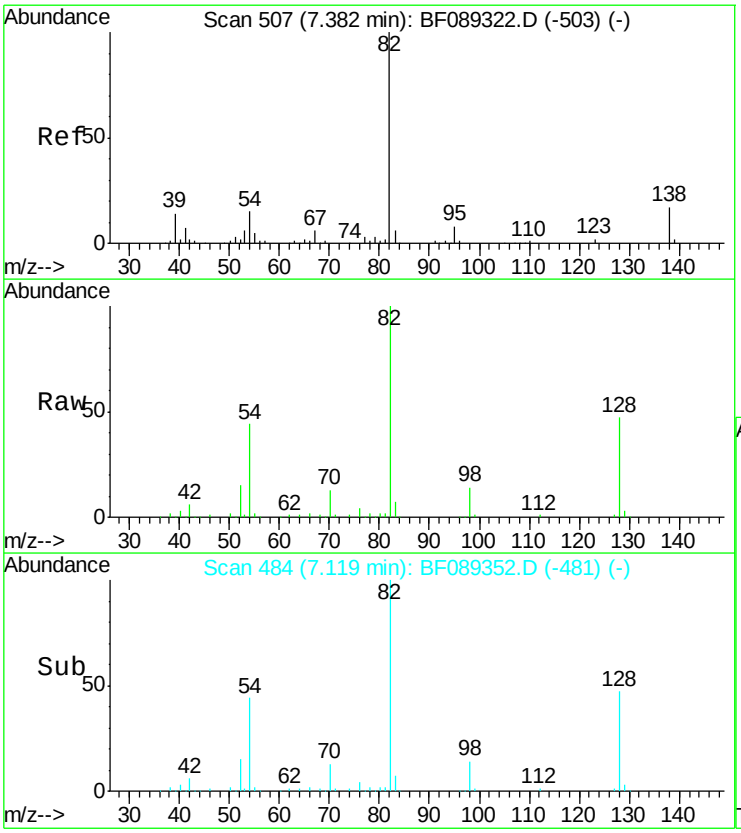
#23
Nitrobenzene-d5
Concen: 97.36 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
I-22

Tgt Ion: 82 Resp: 311530

Ion	Ratio	Lower	Upper
82	100		
128	47.0	32.5	48.7
54	44.1	38.8	58.2

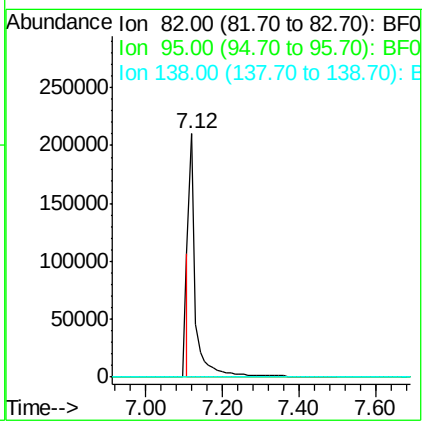


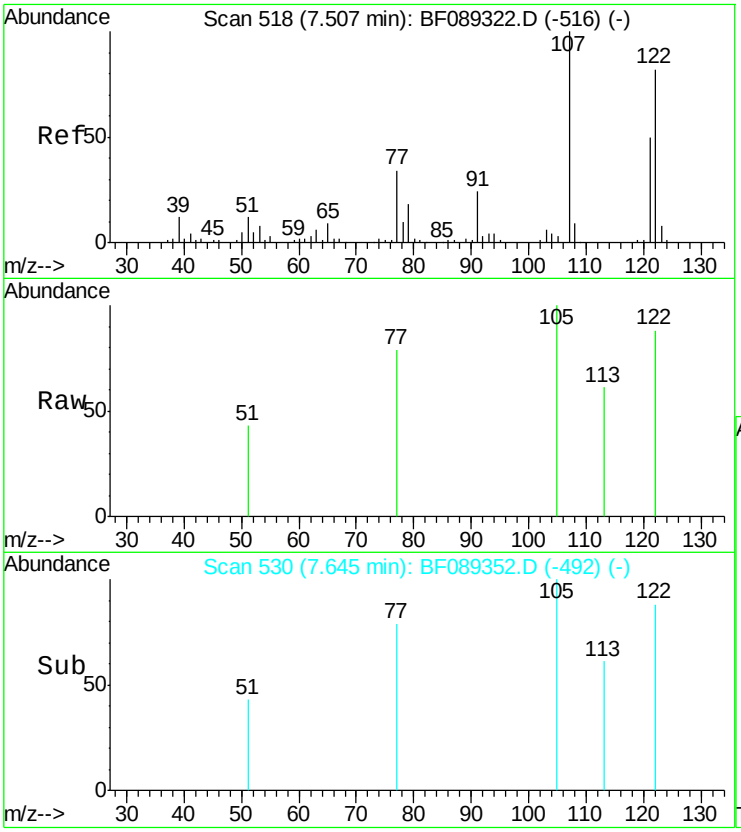


#25
Isophorone
Concen: 36.24 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.26 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Tgt Ion: 82 Resp: 233613

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



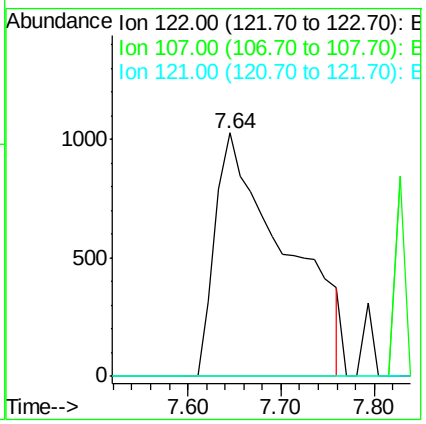


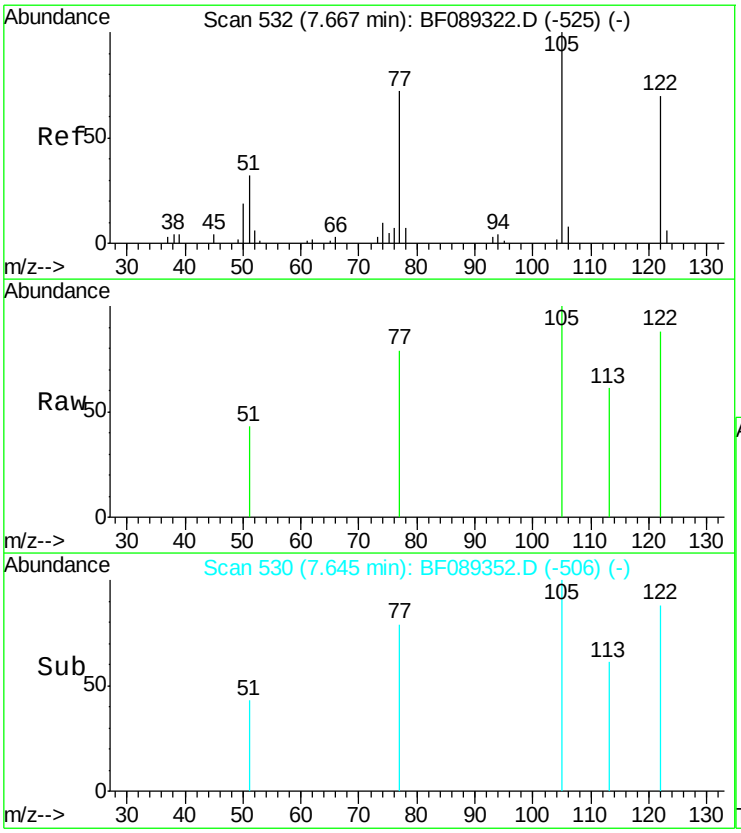
#27
2,4-Dimethylphenol
Concen: 2.07 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.14 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
I-22

Tgt Ion:122 Resp: 5369

Ion	Ratio	Lower	Upper
122	100		
107	0.0	97.2	145.8#
121	0.0	48.8	73.2#

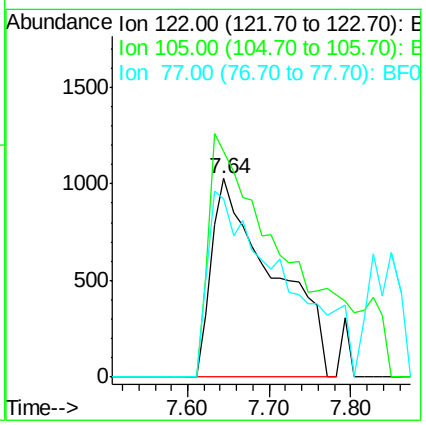


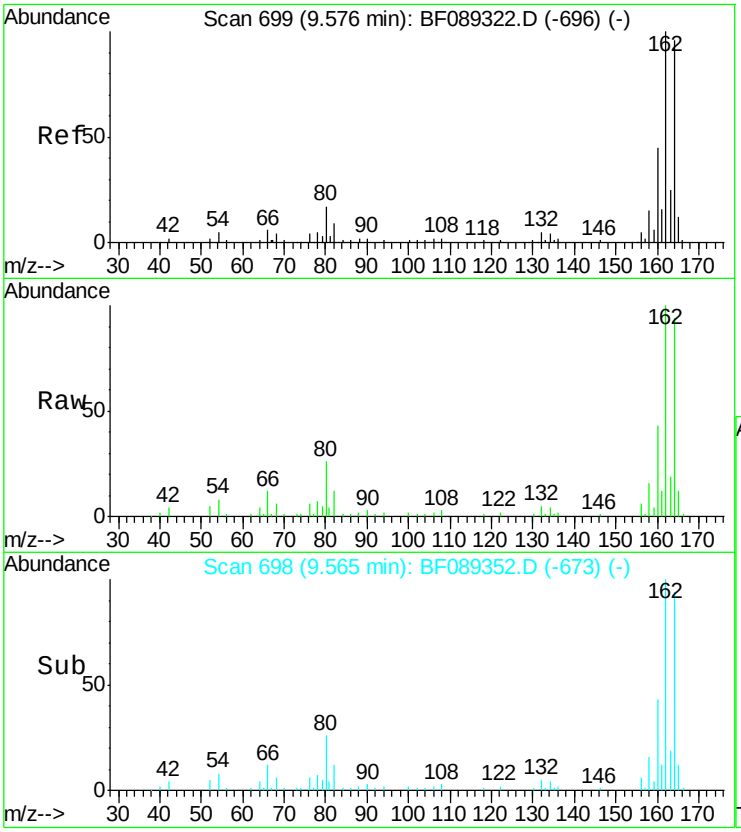


#32
Benzoic acid
Concen: 2.97 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Tgt Ion:122 Resp: 5369

Ion	Ratio	Lower	Upper
122	100		
105	113.7	106.4	146.4
77	89.6	76.4	116.4



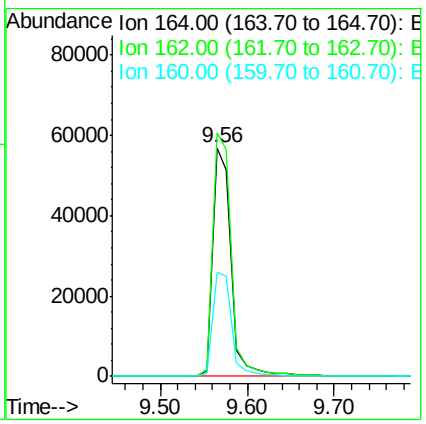


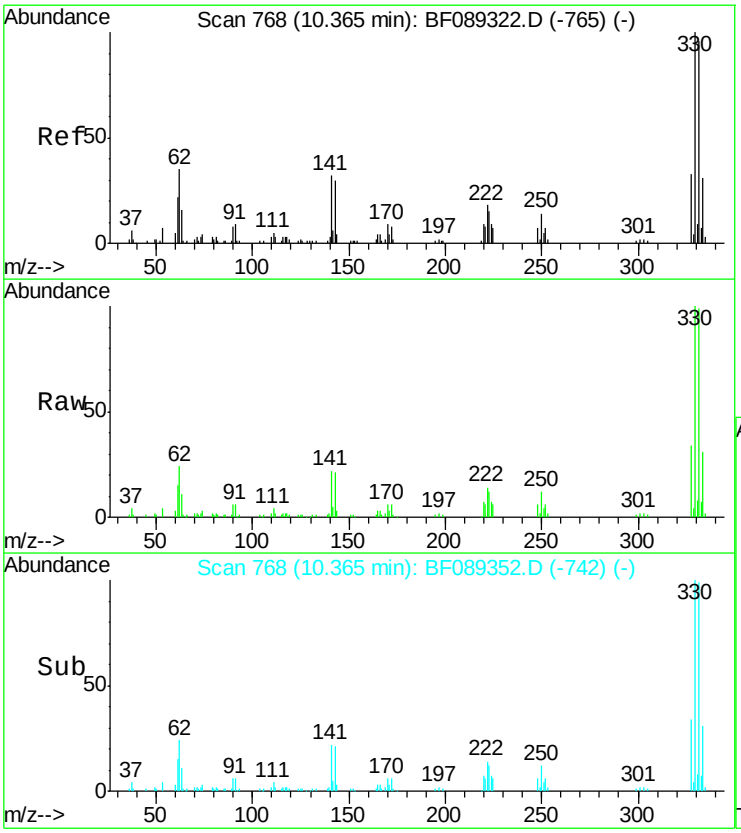
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
I-22

Tgt Ion:164 Resp: 85066

Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.7	125.5
160	45.8	37.8	56.6

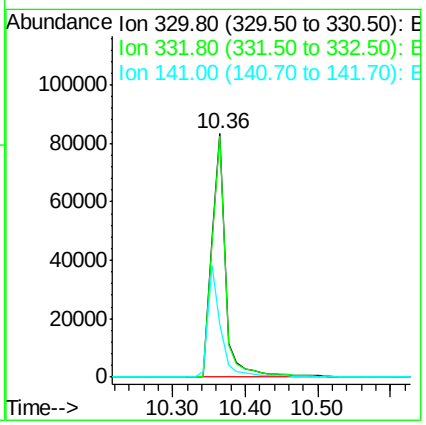


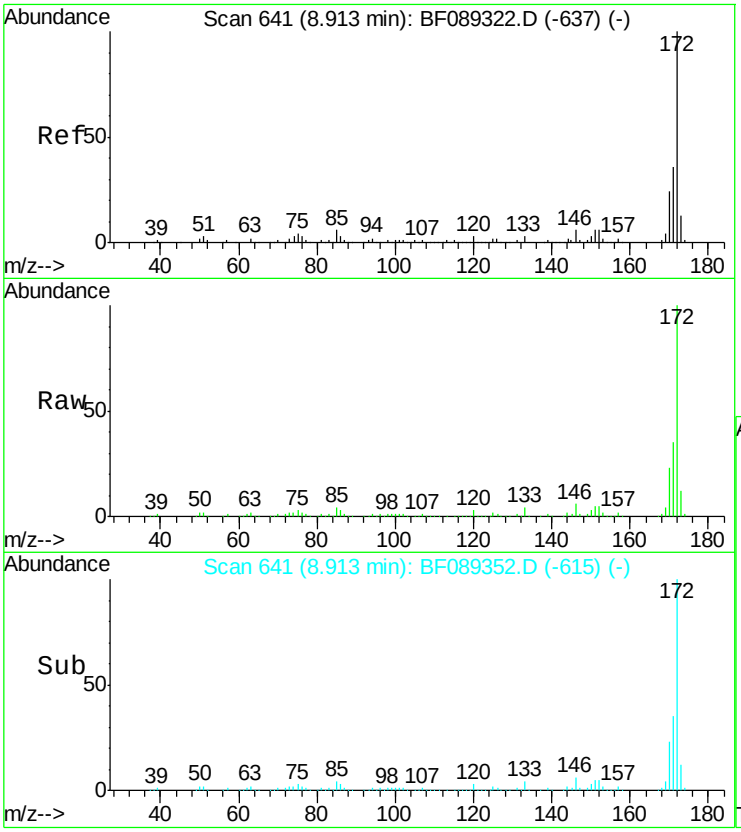


#41
2,4,6-Tribromophenol
Concen: 154.74 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Tgt Ion:330 Resp: 109017

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.8	115.2
141	43.9	37.3	55.9



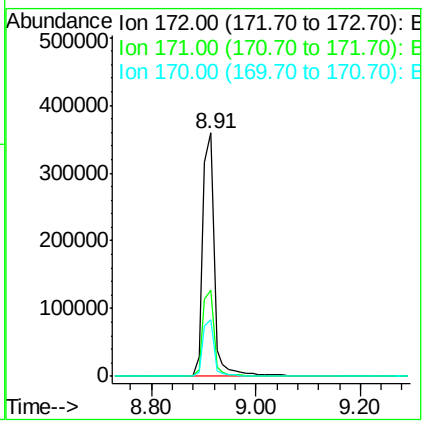


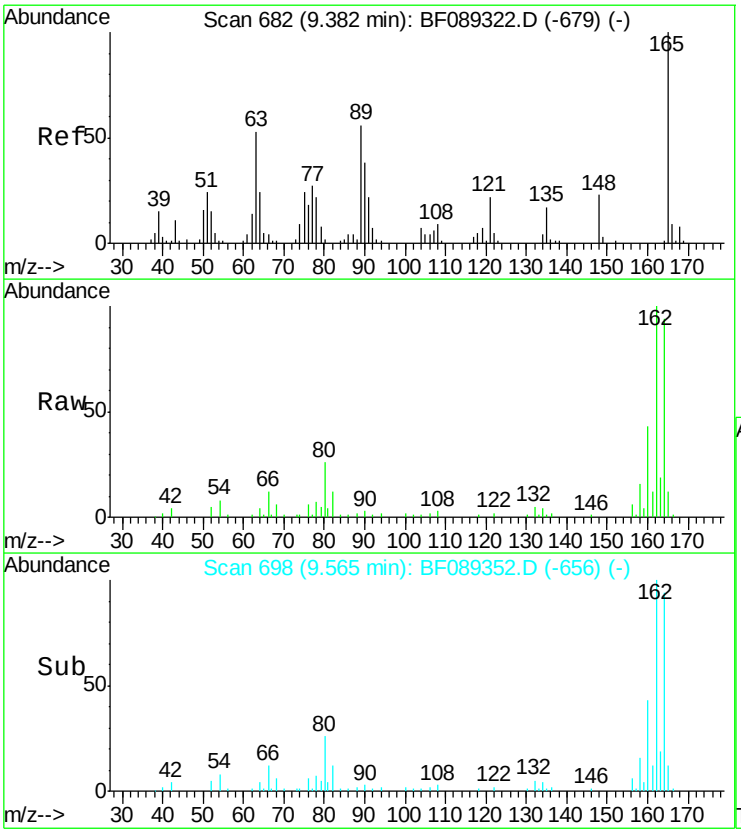
#44
2-Fluorobiphenyl
Concen: 95.86 ng
RT: 8.91 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
I-22

Tgt Ion:172 Resp: 555617

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.2	43.8
170	23.3	19.2	28.8

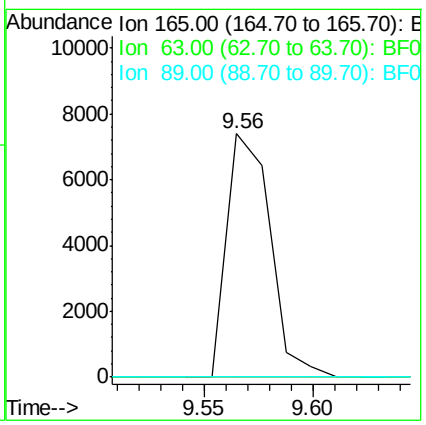


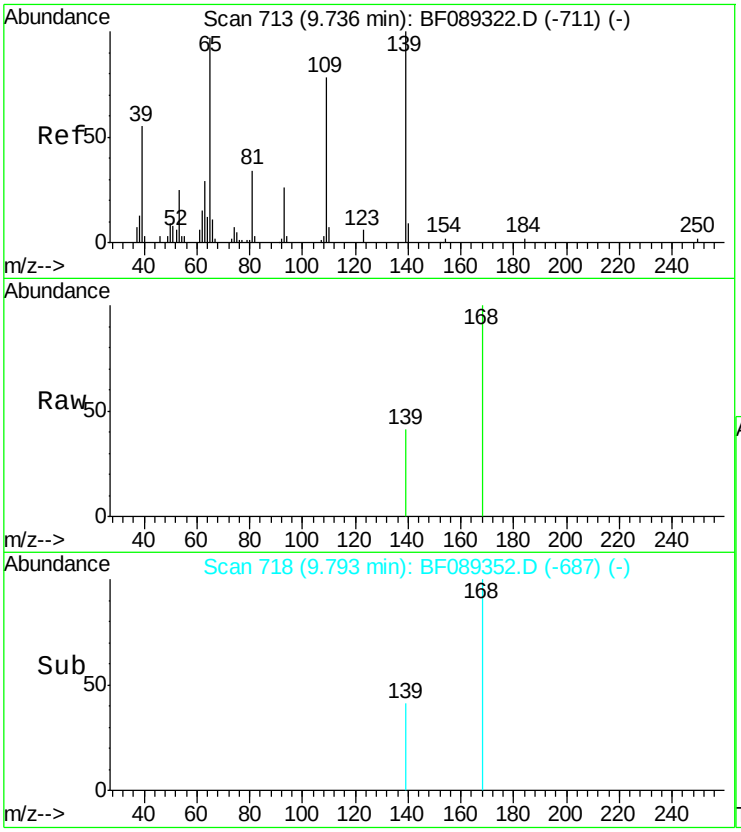


#50
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.18 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Tgt Ion:165 Resp: 10231

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



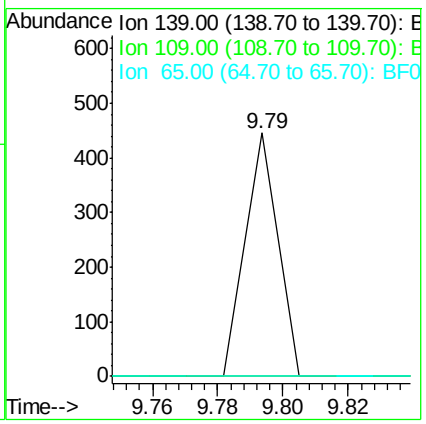


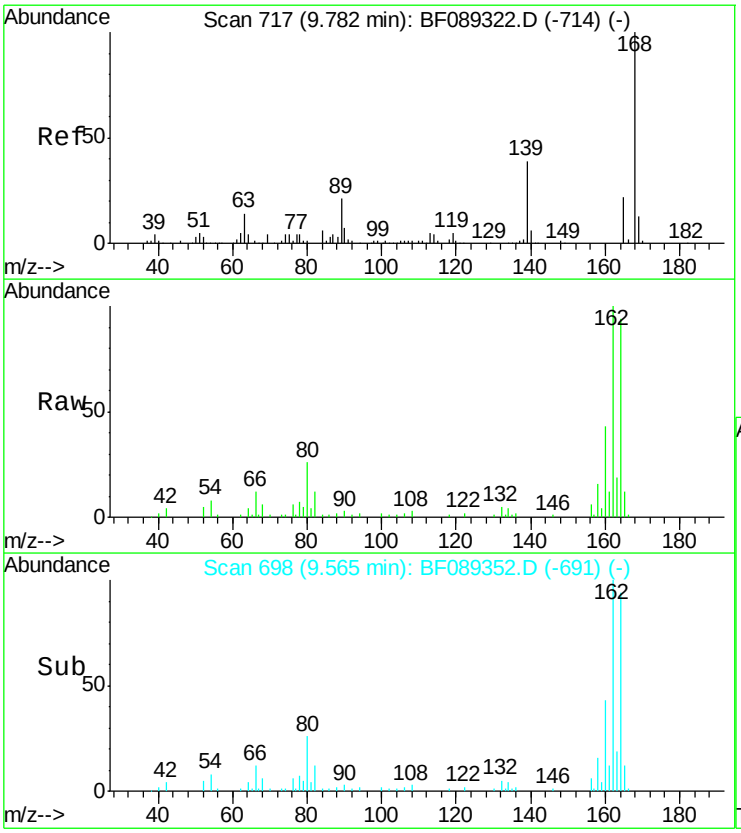
#55
4-Nitrophenol
Concen: 6.60 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.06 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
I-22

Tgt Ion:139 Resp: 306

Ion	Ratio	Lower	Upper
139	100		
109	0.0	57.8	97.8#
65	0.0	81.7	121.7#

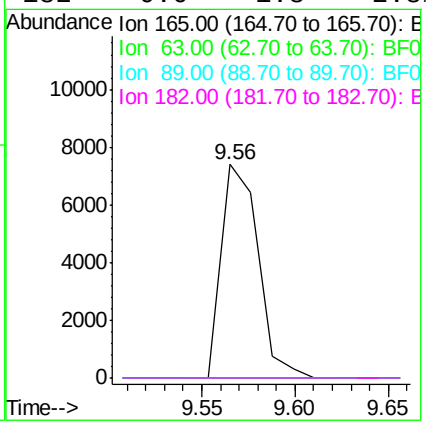


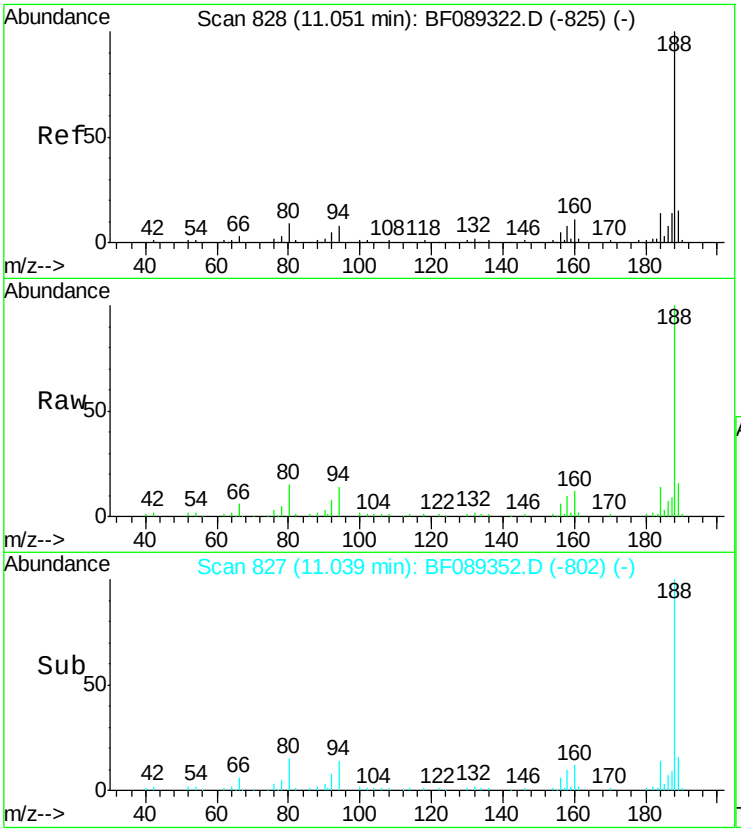


#56
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.22 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Tgt Ion:165 Resp: 10229

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#



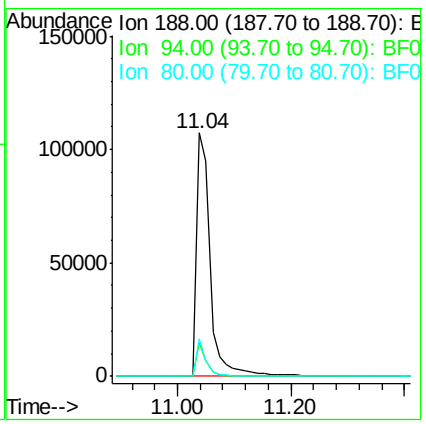


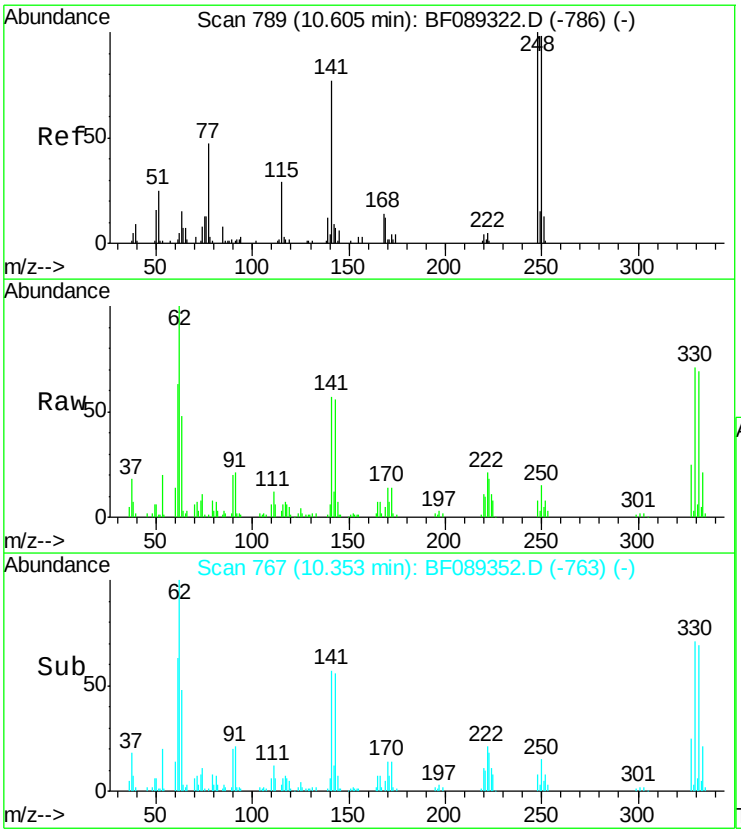
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
I-22

Tgt Ion:188 Resp: 174174

Ion	Ratio	Lower	Upper
188	100		
94	13.7	6.5	9.7#
80	15.3	7.2	10.8#

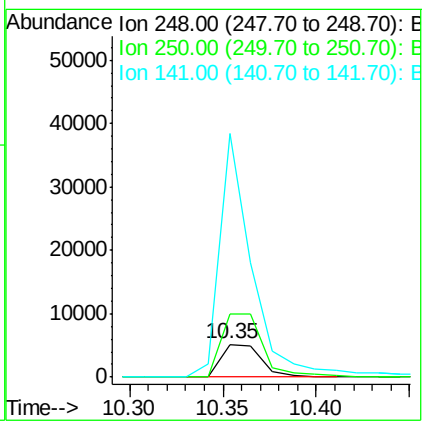


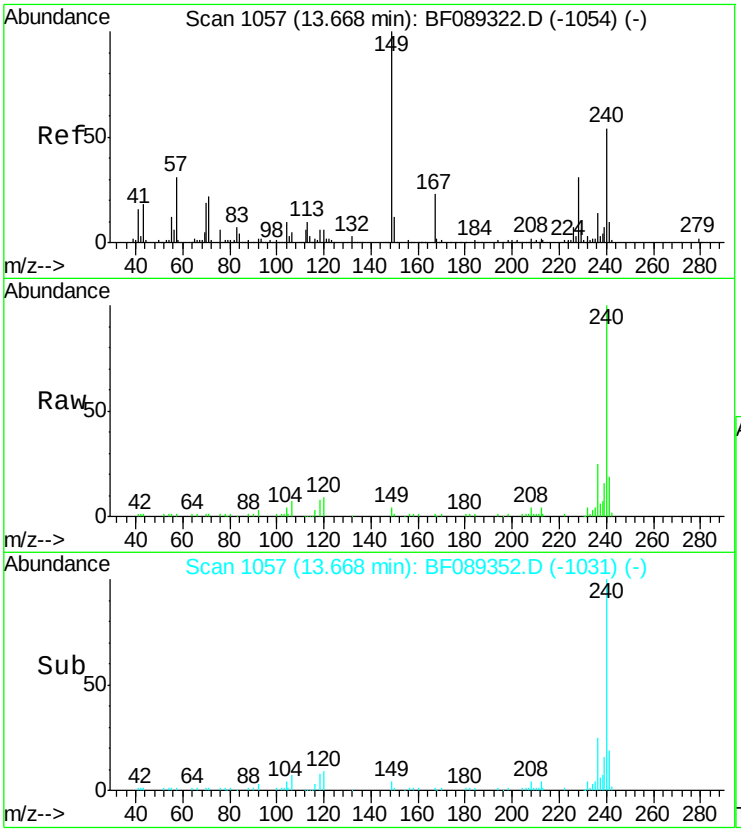


#66
4-Bromophenyl-phenylether
Concen: 4.65 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.25 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Tgt Ion:248 Resp: 7729

Ion	Ratio	Lower	Upper
248	100		
250	191.5	78.2	117.2#
141	739.2	62.0	93.0#



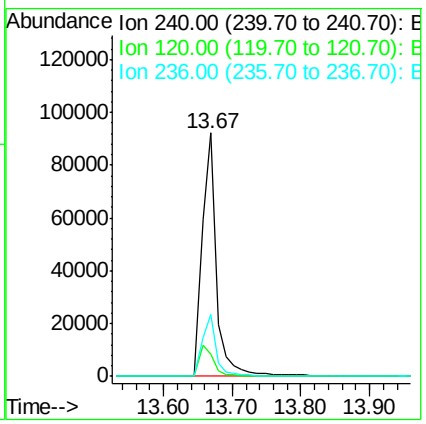


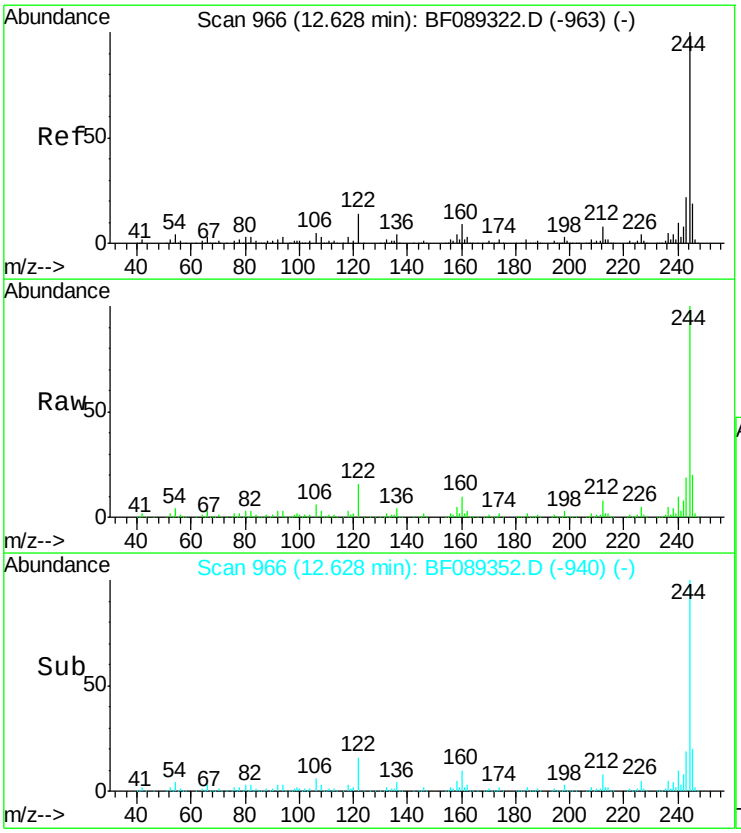
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
I-22

Tgt Ion:240 Resp: 132194

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.1	13.7#
236	25.3	20.6	30.8

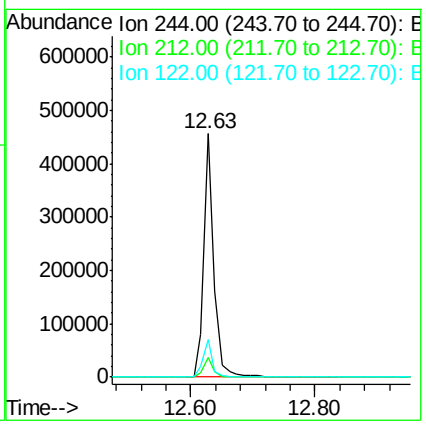


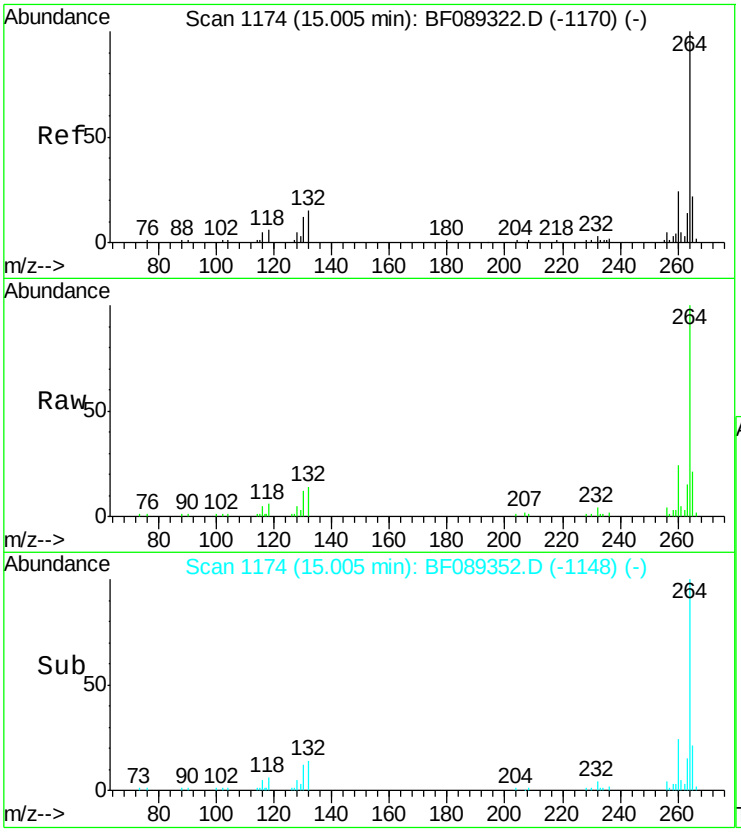


#78
Terphenyl-d14
Concen: 91.78 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Tgt Ion:244 Resp: 518388

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	15.6	11.4	17.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089352.D
Acq: 28 Jul 2016 7:55

Instrument :
BNA_F
ClientSampleId :
I-22

Tgt Ion:264 Resp: 101638

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.1	17.5	26.3