Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-1100-(0-4)

Quant Time: Jun 15 12:53:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	103442	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	414369	20.00	ng		-0.01
38) Acenaphthene-d10	9.83	164	162459	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	274706	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	235710	20.00	ng		-0.02
86) Perylene-d12	15.34	264	154529	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	729864	120.62	ng		0.01
7) Phenol-d6	6.42	99	751591	102.49	ng		-0.01
23) Nitrobenzene-d5	7.35	82	496306	69.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	188398	109.83	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	1021035	99.69	ng		-0.01
78) Terphenyl-d14	12.89	244	692768	66.88	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.56	94	1354	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.35	70	64334	13.71	ng	#	72
25) Isophorone	7.35	82	389645	29.64	ng	#	65
31) Naphthalene	8.09	128	334393	16.31	ng		98
33) 4-Chloroaniline	8.09	127	43675	4.77	ng	#	34
45) 1,1'-Biphenyl	9.24	154	4387	Below Cal			96
50) 2,6-Dinitrotoluene	9.82	165	20679	7.67	ng	#	37
56) 2,4-Dinitrotoluene	9.82	165	20679	5.97	ng	#	36
57) Fluorene	10.36	166	7410	Below Cal			99
66) 4-Bromophenyl-phenylether	10.62	248	11641	3.95	ng	#	1

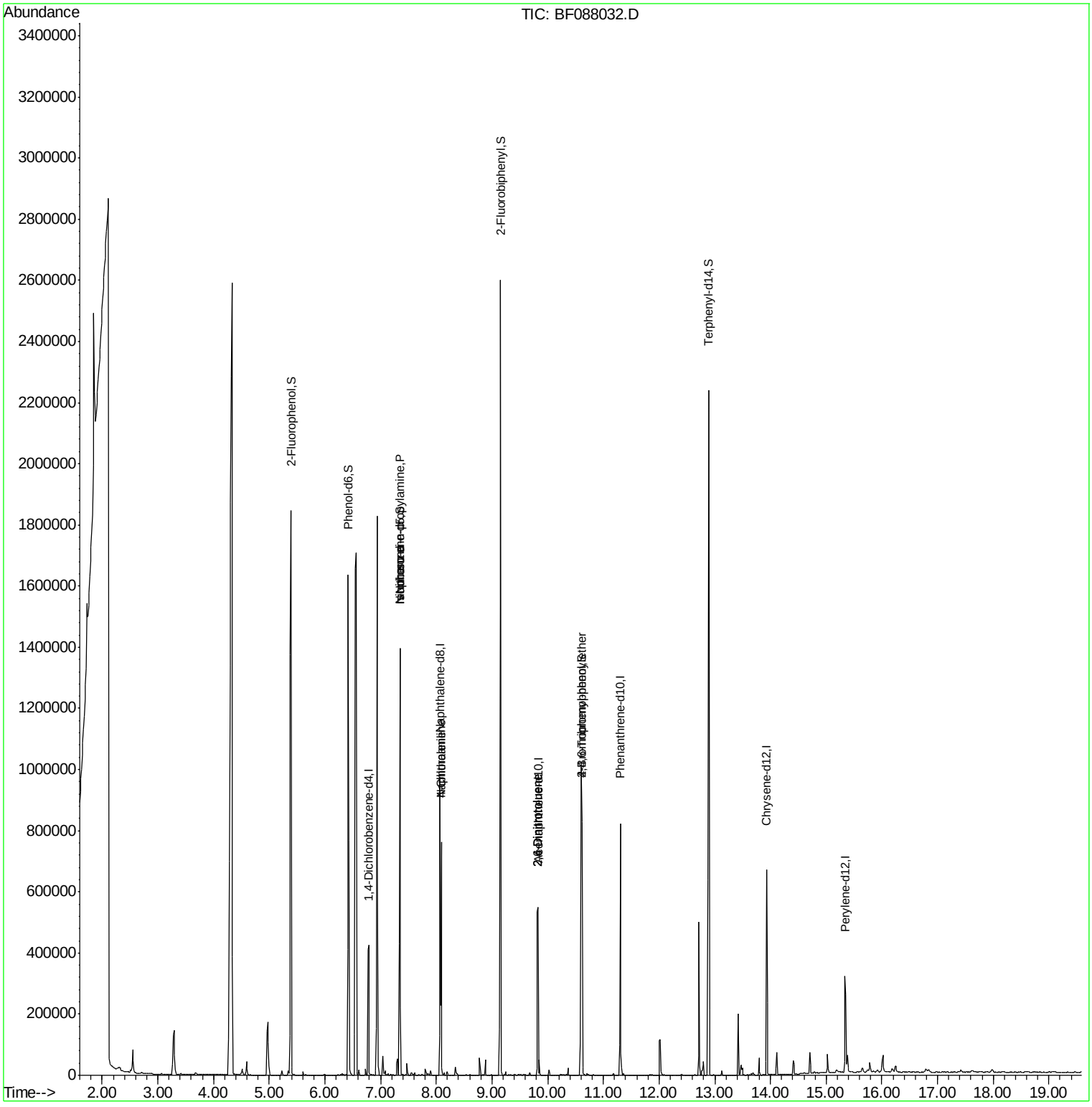
(#) = qualifier out of range (m) = manual integration (+) = signals summed

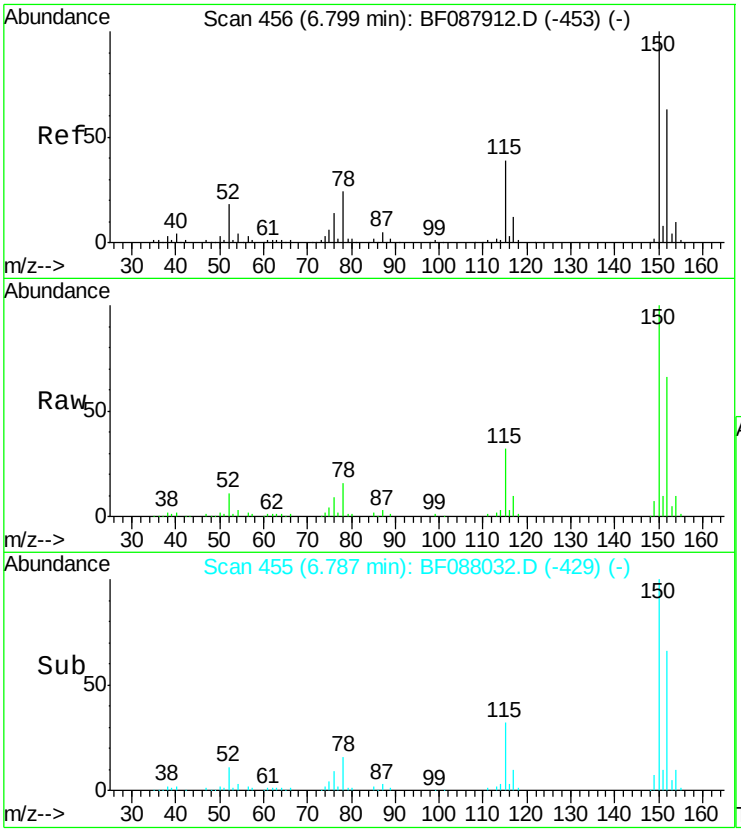
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
Data File : BF088032.D
Acq On : 15 Jun 2016 7:43
Operator : UM/SJ
Sample : H3473-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Quant Time: Jun 15 12:53:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 14:10:49 2016
Response via : Initial Calibration



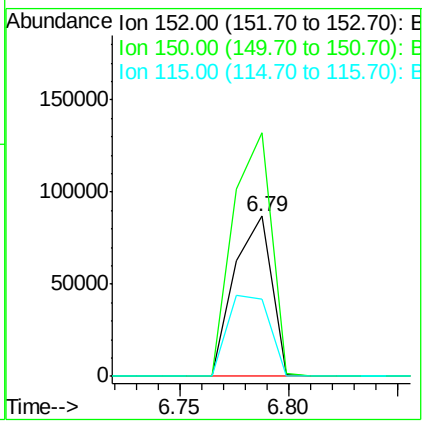


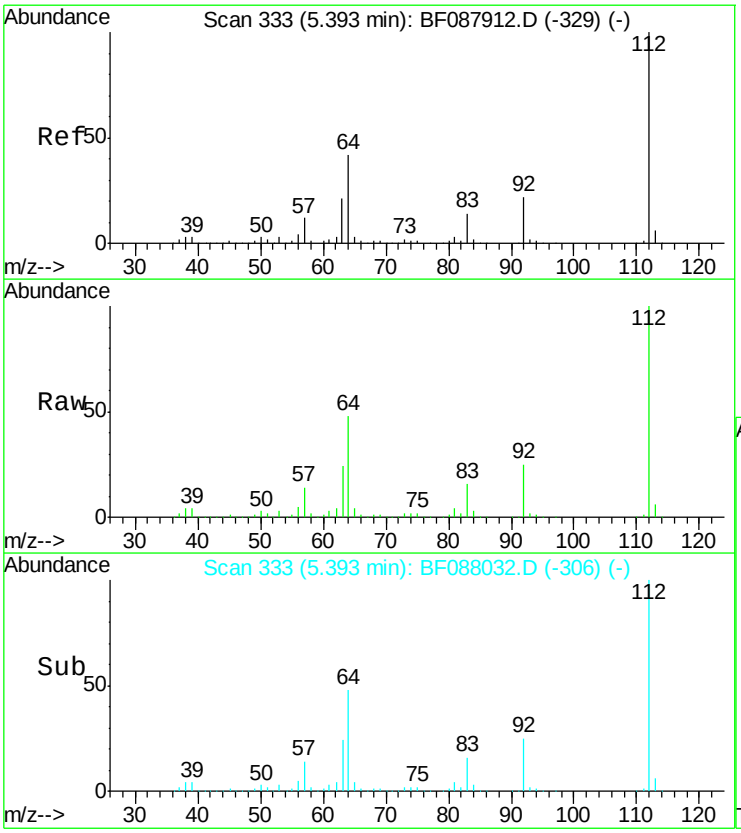
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tgt Ion:152 Resp: 103442

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.8	185.6
115	48.0	39.6	59.4

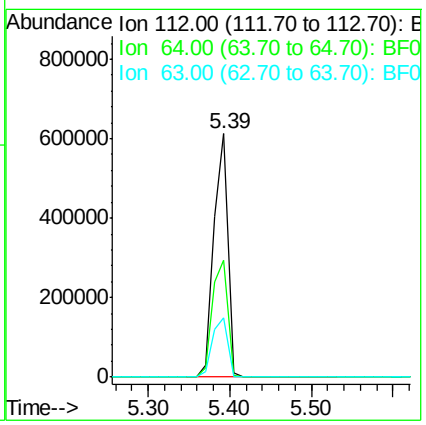


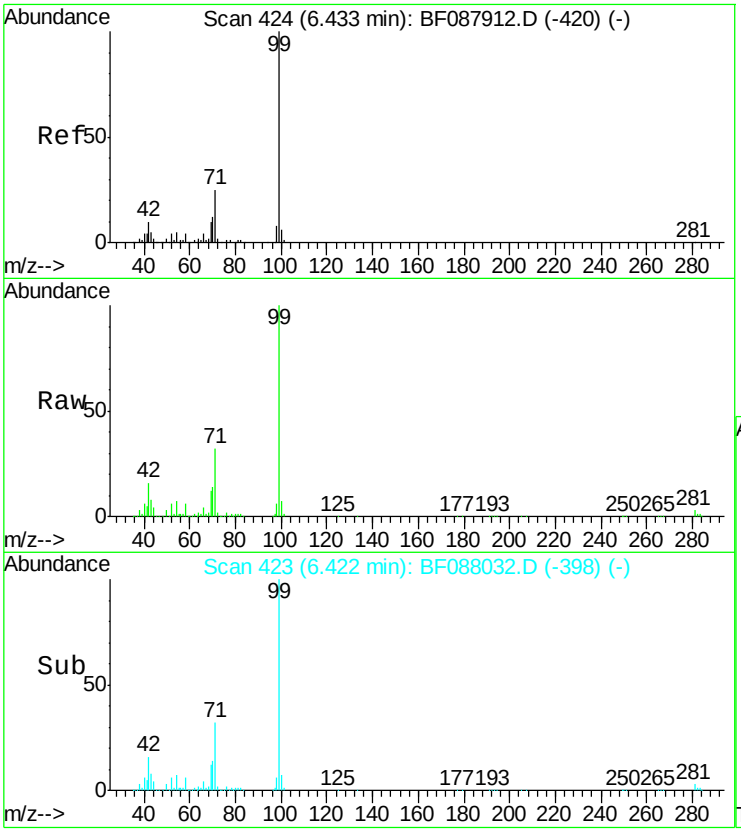


#5
2-Fluorophenol
Concen: 120.62 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Tgt Ion:112 Resp: 729864

Ion	Ratio	Lower	Upper
112	100		
64	48.2	42.2	63.2
63	24.4	21.8	32.8



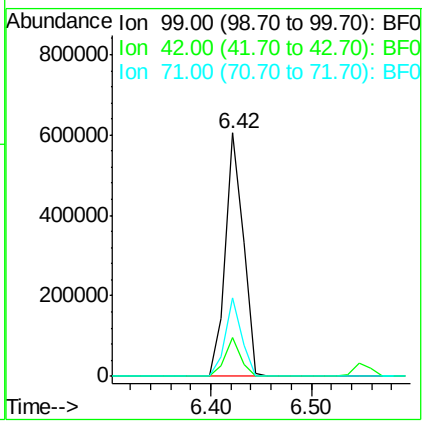


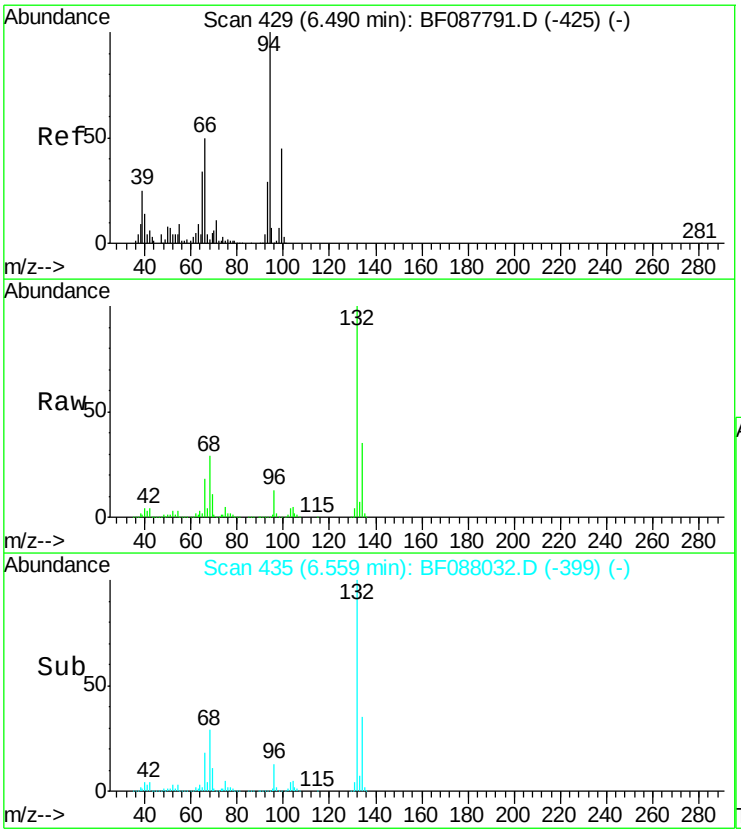
#7
Phenol-d6
Concen: 102.49 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tgt Ion: 99 Resp: 751591

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.2	18.2
71	32.2	23.4	35.0

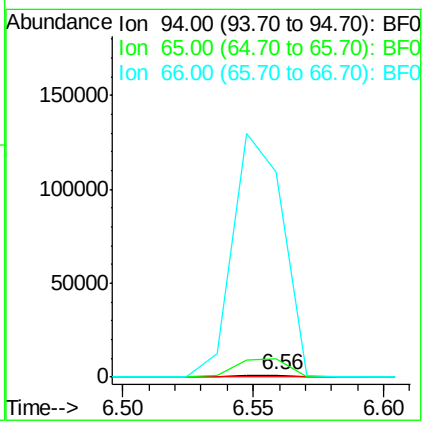


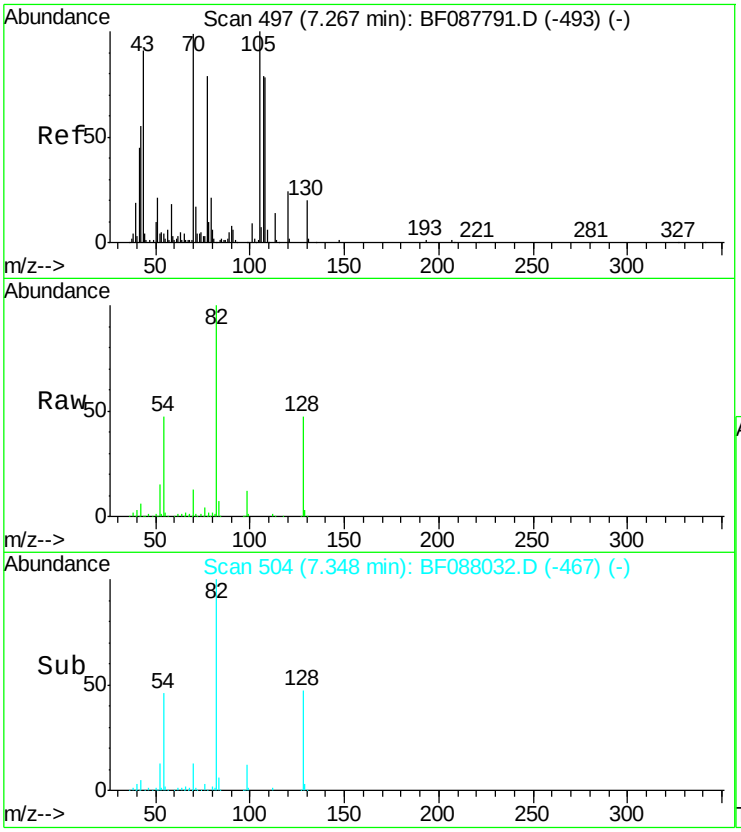


#10
Phenol
Concen: Below Cal
RT: 6.56 min Scan# 435
Delta R.T. 0.11 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Tgt Ion: 94 Resp: 1354

Ion	Ratio	Lower	Upper
94	100		
65	919.5	5.9	45.9#
66	10315.2	14.0	54.0#



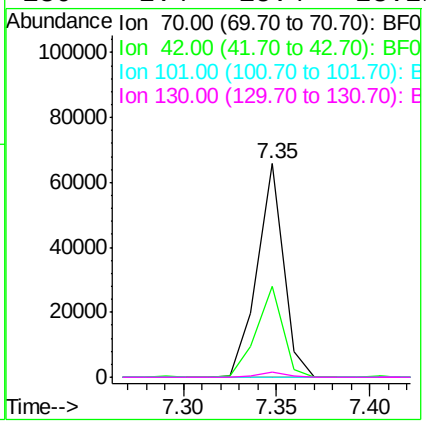


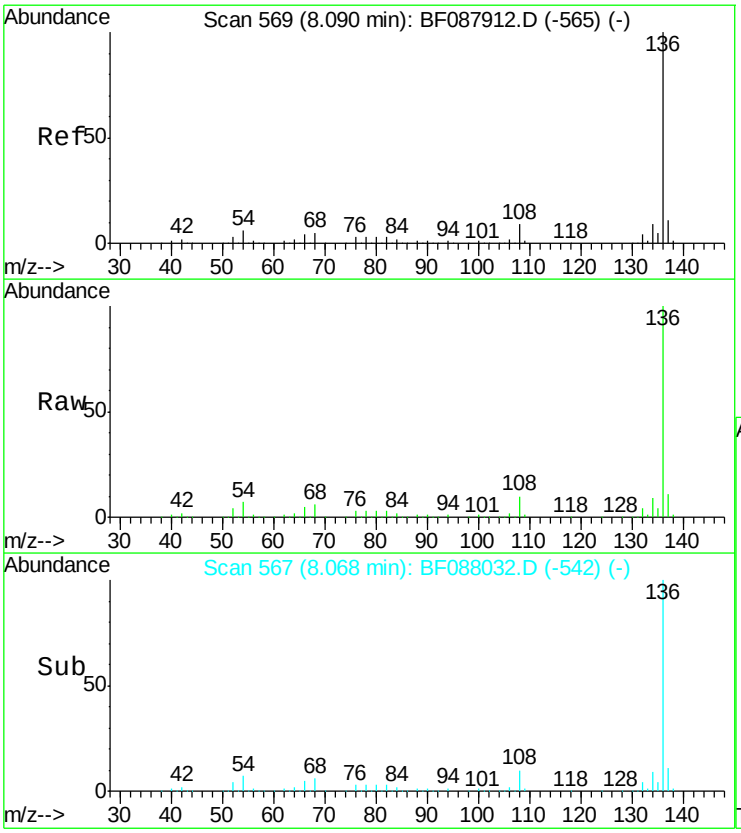
#19
n-Nitroso-di-n-propylamine
Concen: 13.71 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.13 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tgt Ion: 70 Resp: 64334

Ion	Ratio	Lower	Upper
70	100		
42	42.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#

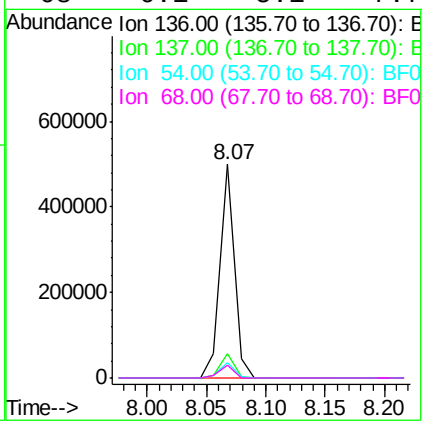


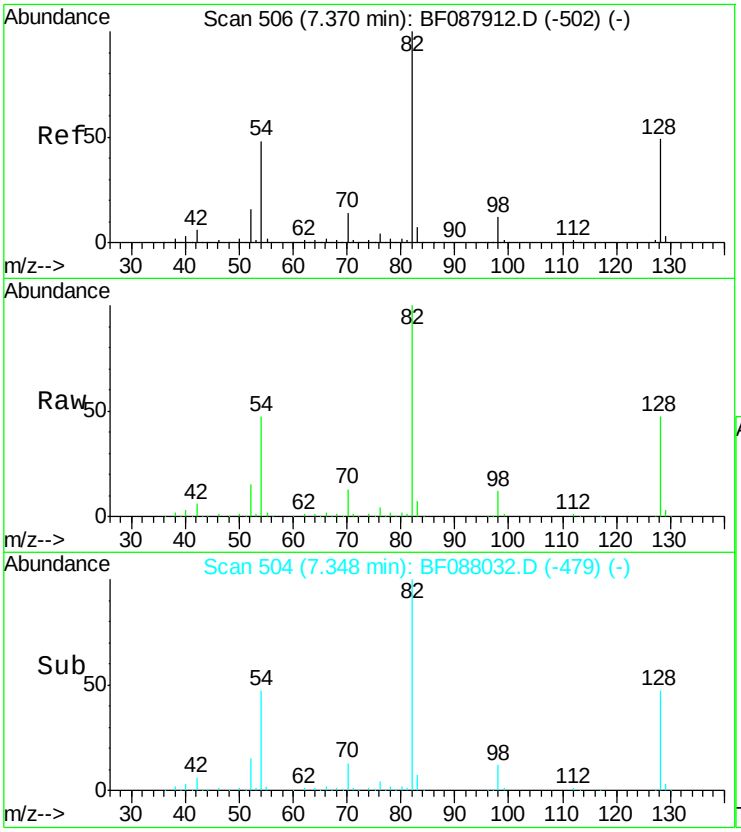


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Tgt Ion:136 Resp: 414369

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.3	6.6	10.0
68	6.1	5.1	7.7



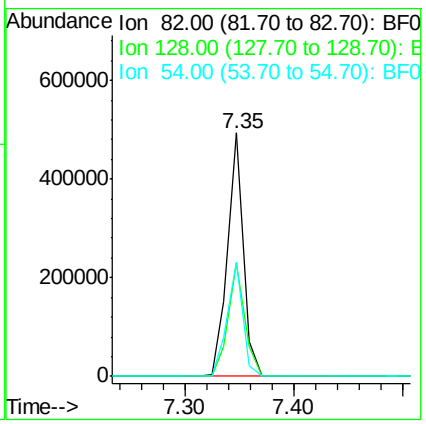


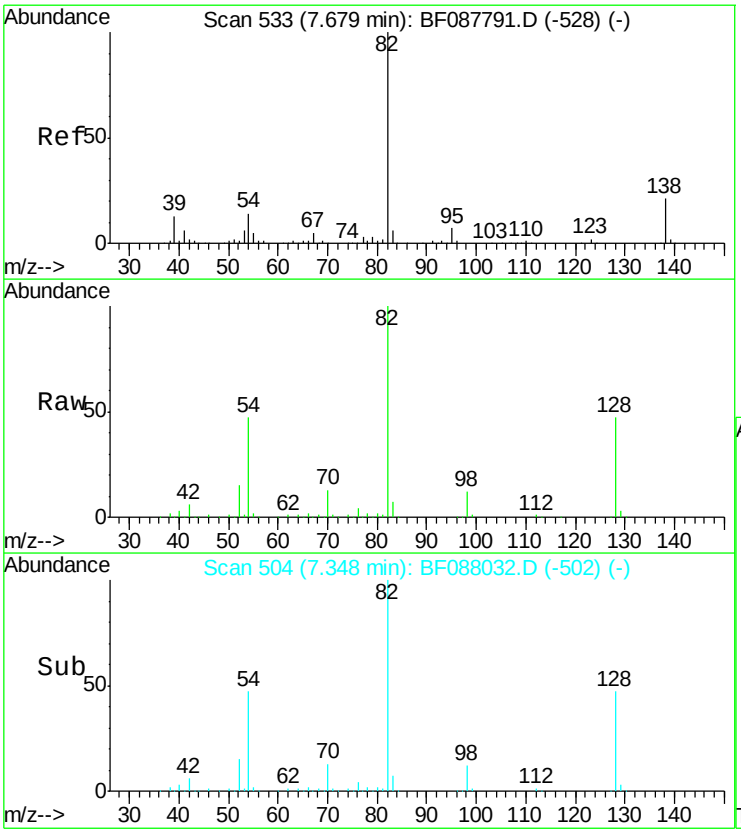
#23
Nitrobenzene-d5
Concen: 69.94 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tgt Ion: 82 Resp: 496306

Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.9	53.9
54	46.9	40.9	61.3

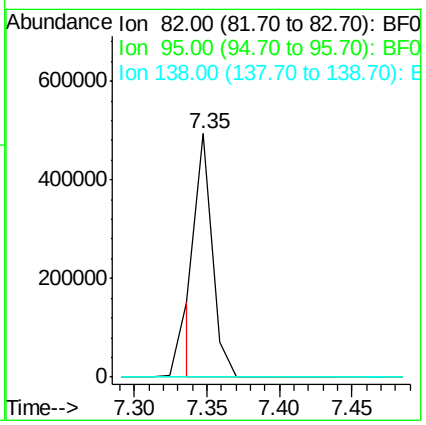


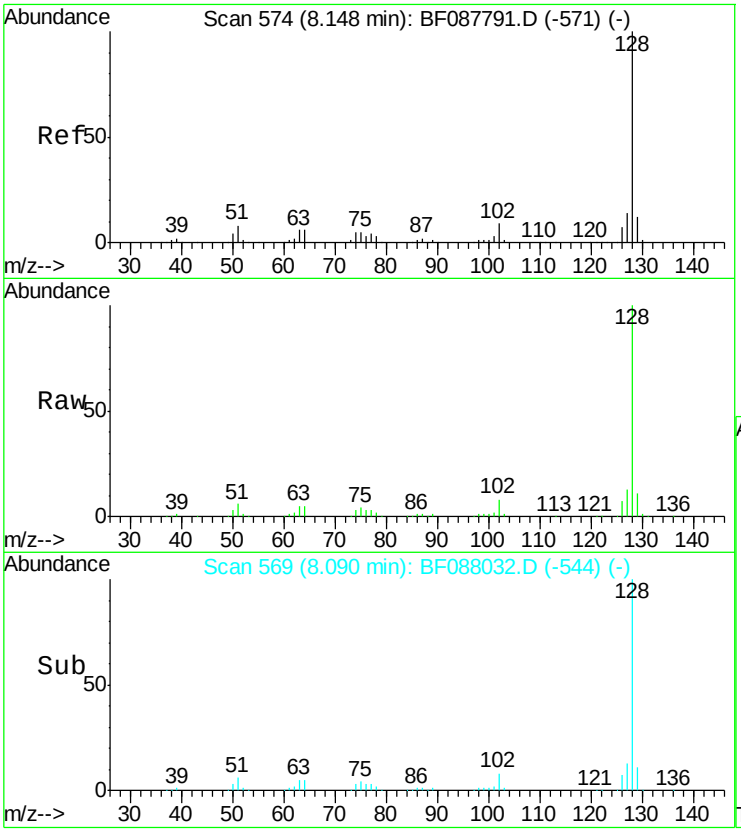


#25
Isophorone
Concen: 29.64 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.27 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Tgt Ion: 82 Resp: 389645

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#



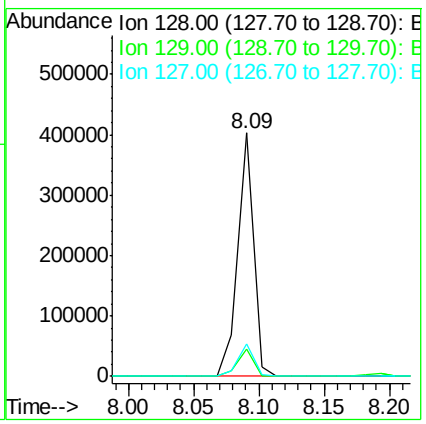


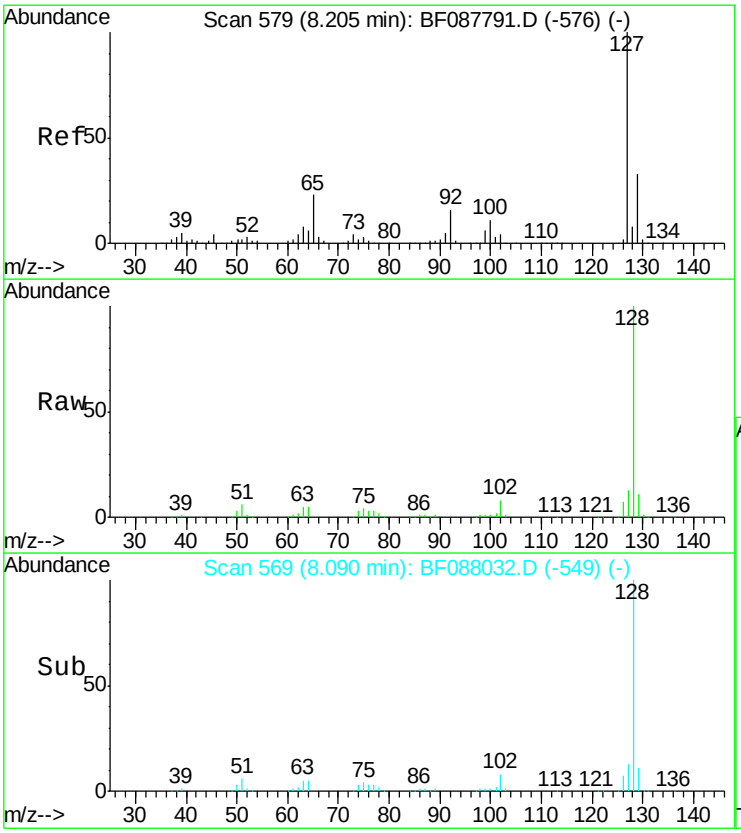
#31
Naphthalene
Concen: 16.31 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tgt Ion:128 Resp: 334393

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	13.1	10.9	16.3

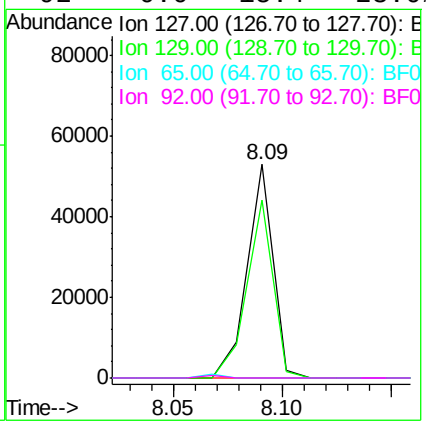


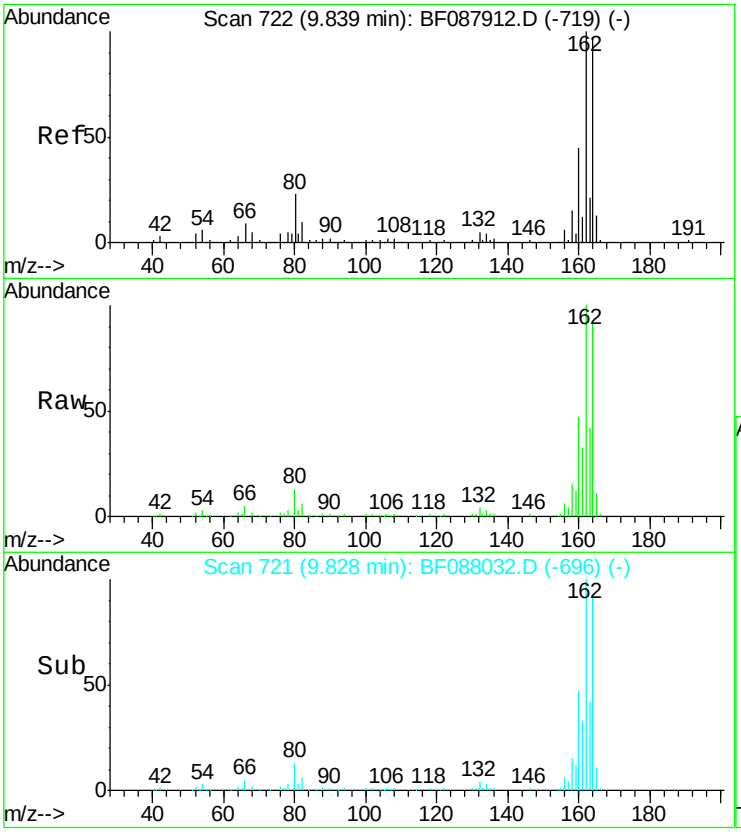


#33
4-Chloroaniline
Concen: 4.77 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.07 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Tgt Ion:127 Resp: 43675

Ion	Ratio	Lower	Upper
127	100		
129	83.6	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#



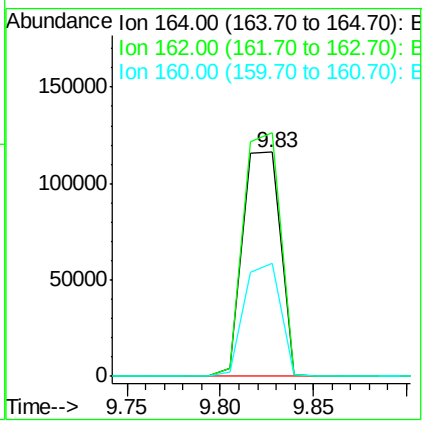


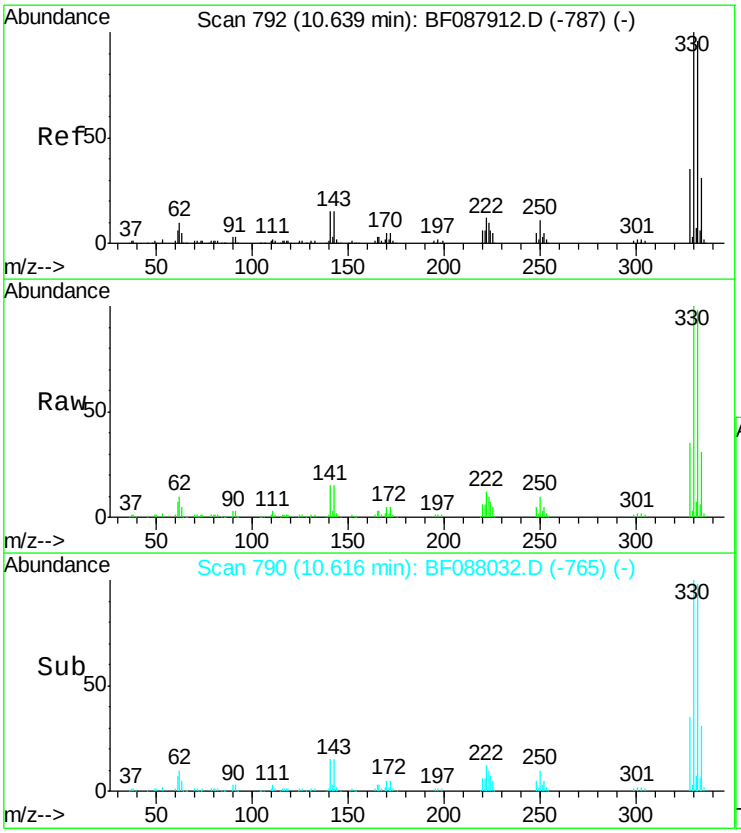
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tgt Ion:164 Resp: 162459

Ion	Ratio	Lower	Upper
164	100		
162	108.6	85.4	128.2
160	50.5	39.5	59.3

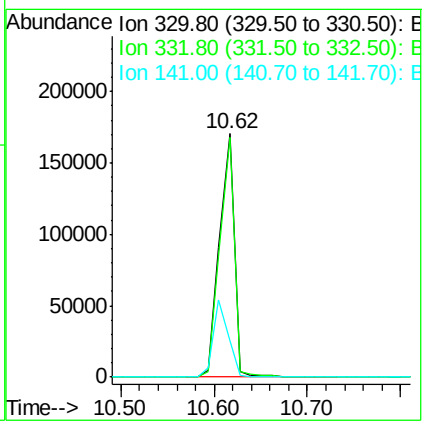


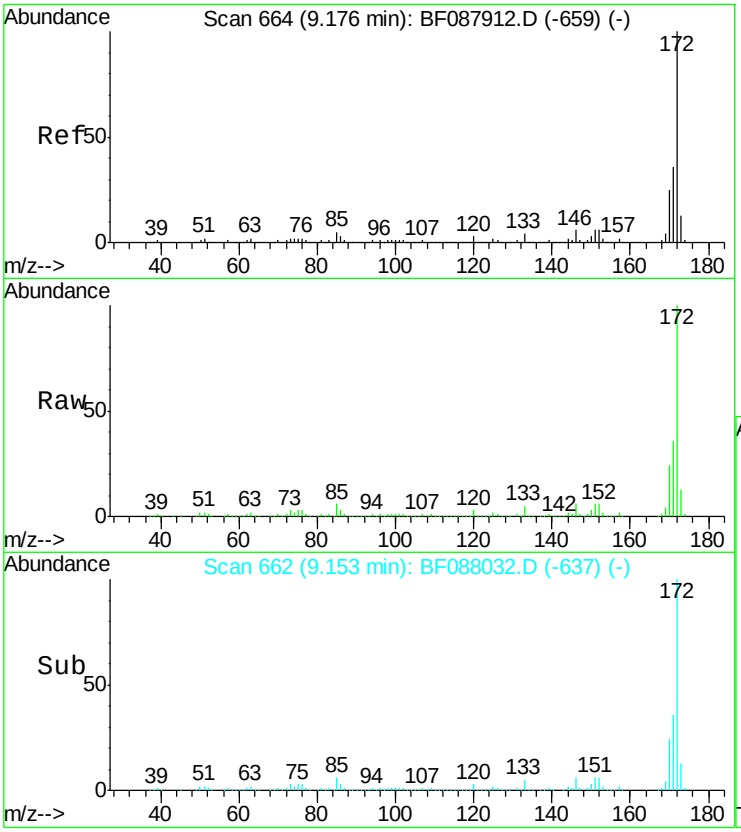


#41
2,4,6-Tribromophenol
Concen: 109.83 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Tgt Ion:330 Resp: 188398

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	32.1	0.0	0.0#



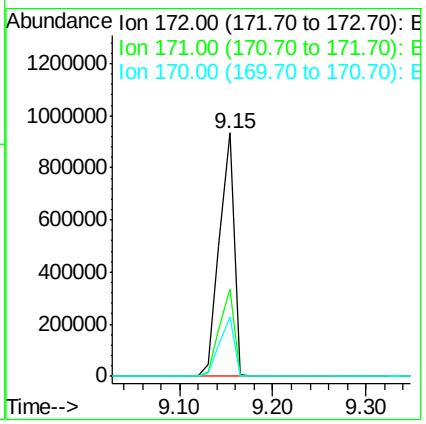


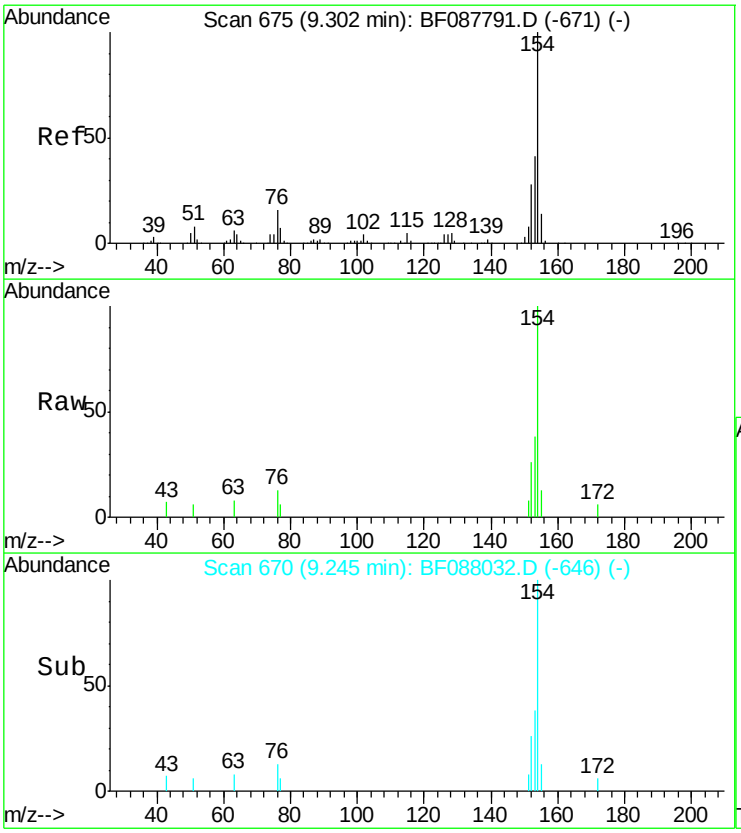
#44
2-Fluorobiphenyl
Concen: 99.69 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tgt Ion:172 Resp: 1021035

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.4	19.2	28.8

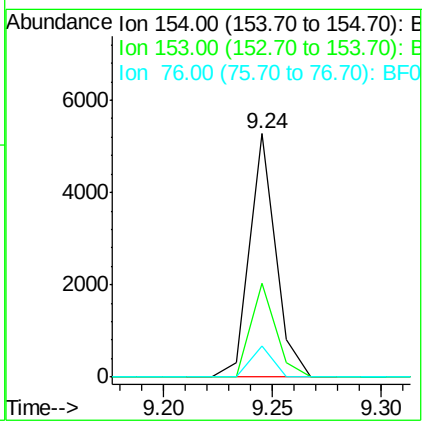


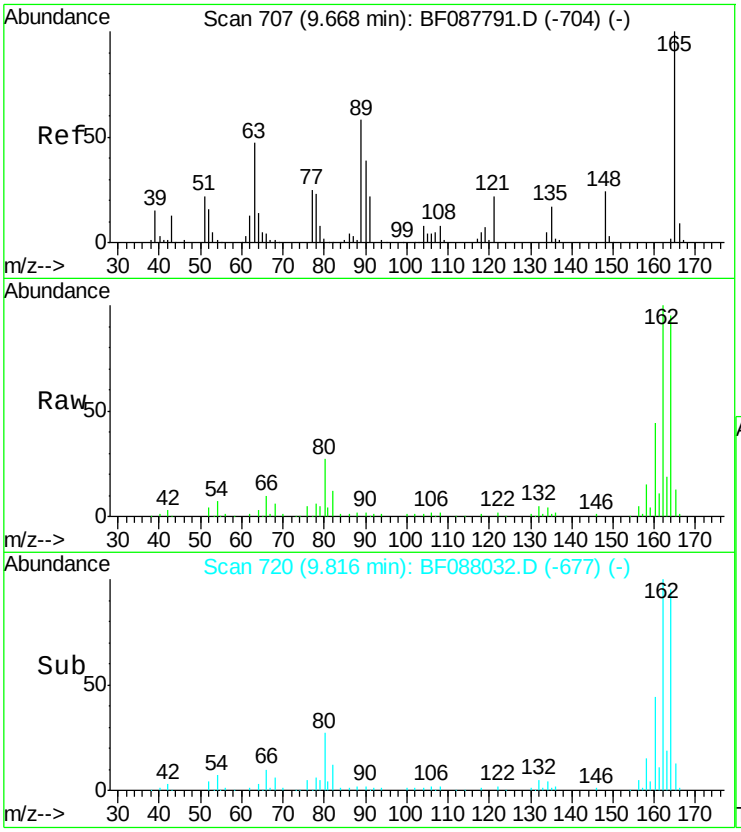


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Tgt Ion:154 Resp: 4387

Ion	Ratio	Lower	Upper
154	100		
153	38.3	20.6	60.6
76	12.7	0.0	35.1



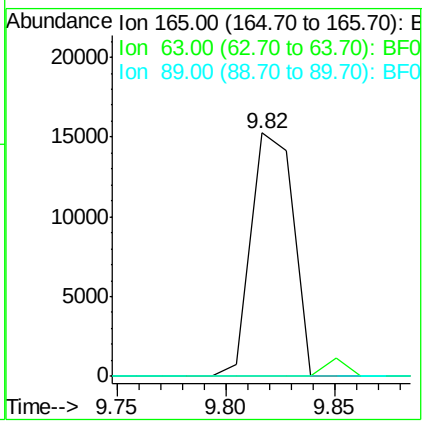


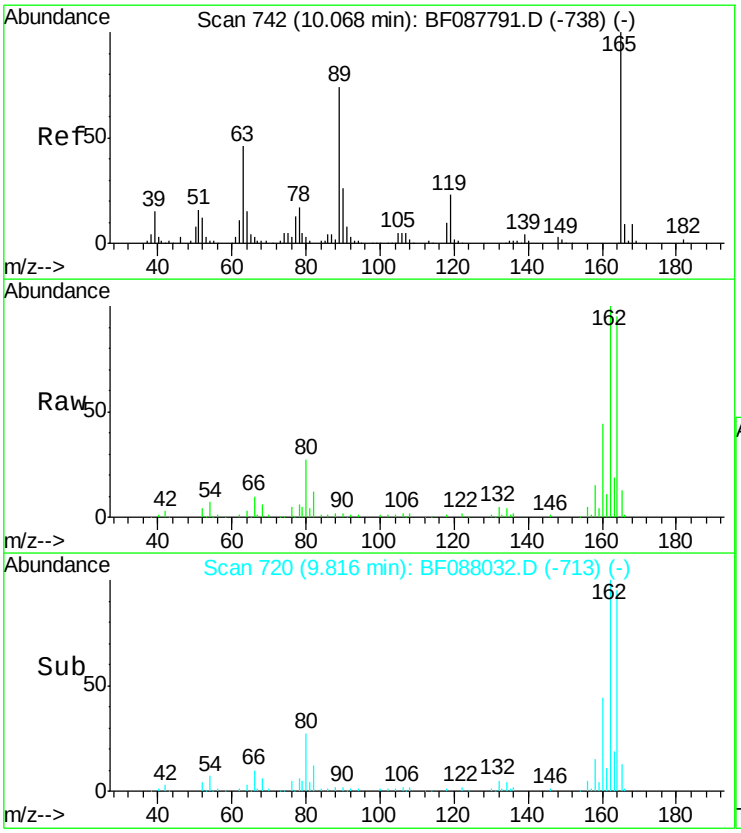
#50
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.19 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tgt Ion:165 Resp: 20679

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

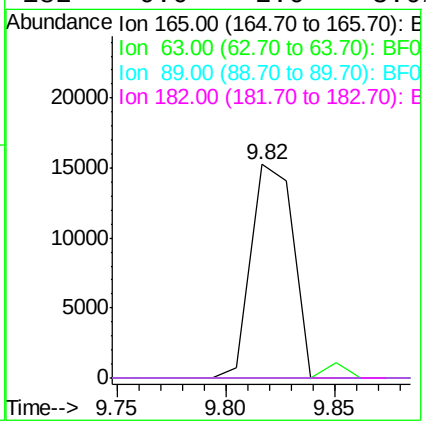


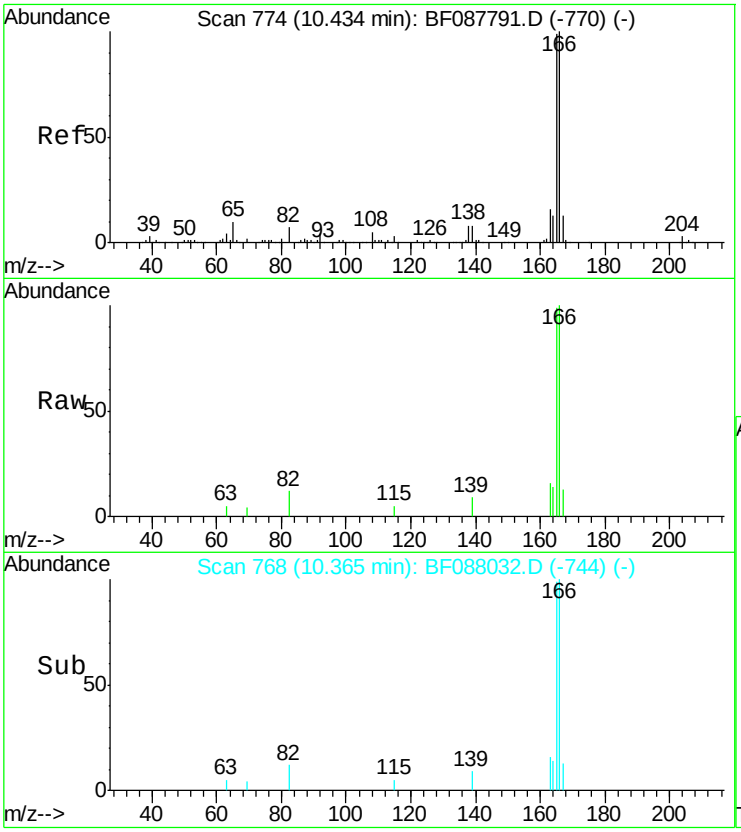


#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Tgt Ion:165 Resp: 20679

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



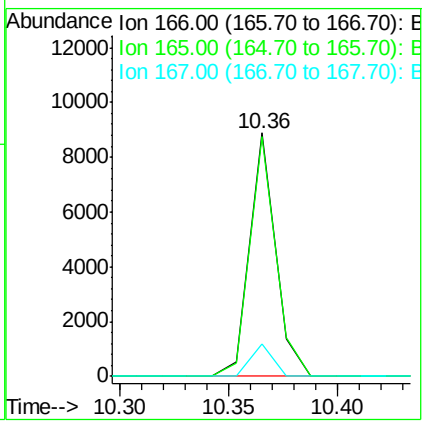


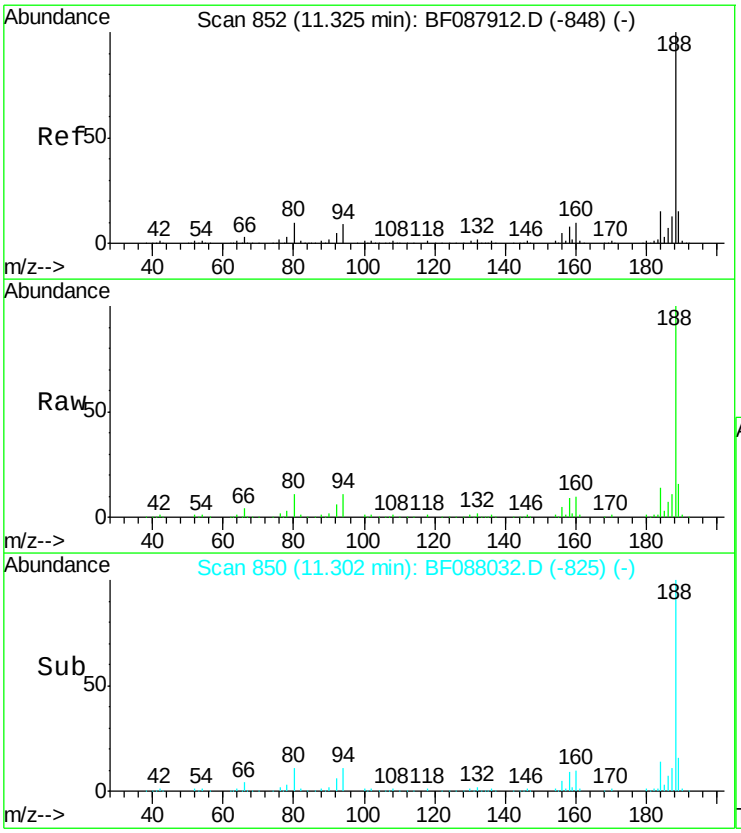
#57
Fluorene
Concen: Below Cal
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tgt Ion:166 Resp: 7410

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.8
167	13.1	11.2	16.8

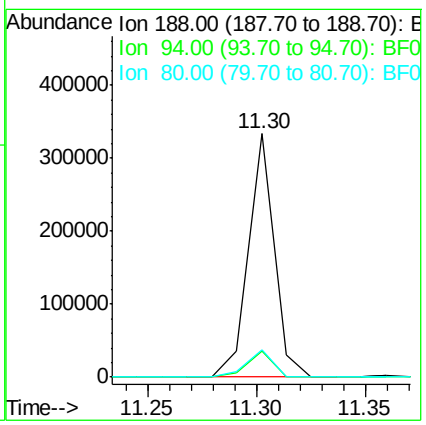


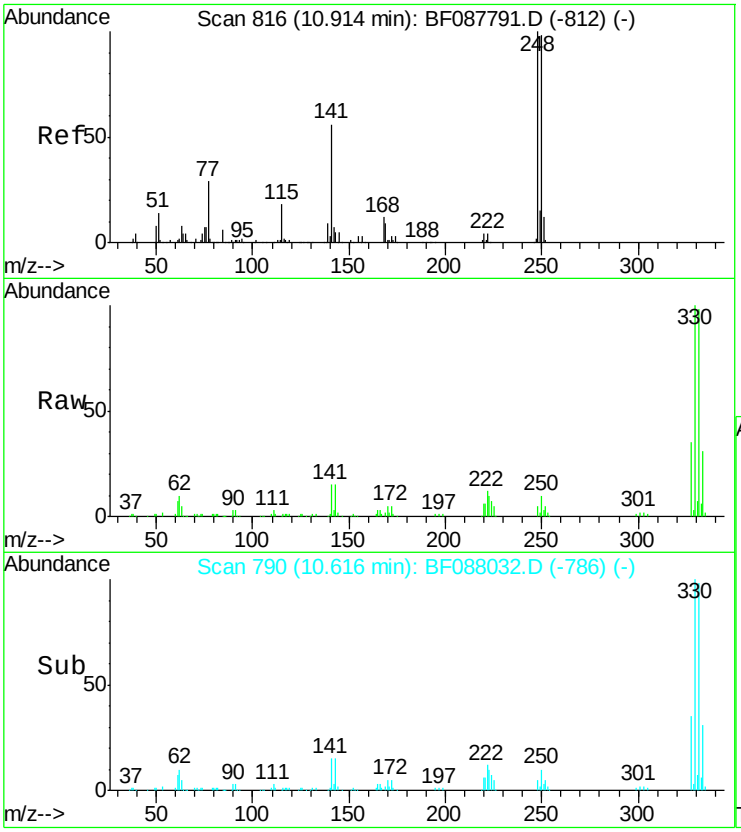


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Tgt Ion:188 Resp: 274706

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.6
80	11.4	10.0	15.0



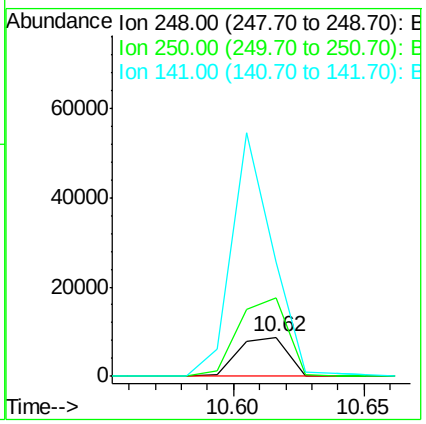


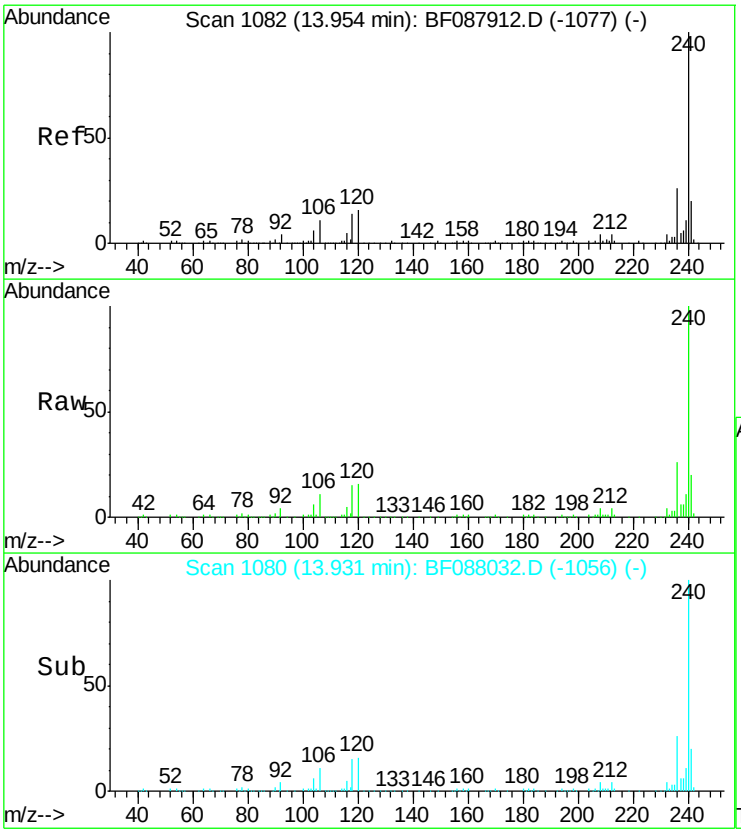
#66
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.25 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tgt Ion:248 Resp: 11641

Ion	Ratio	Lower	Upper
248	100		
250	199.6	77.1	115.7#
141	290.0	50.6	76.0#

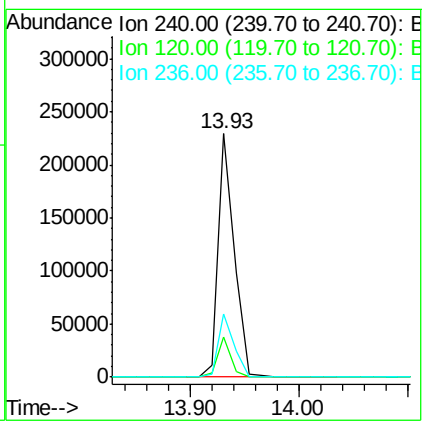


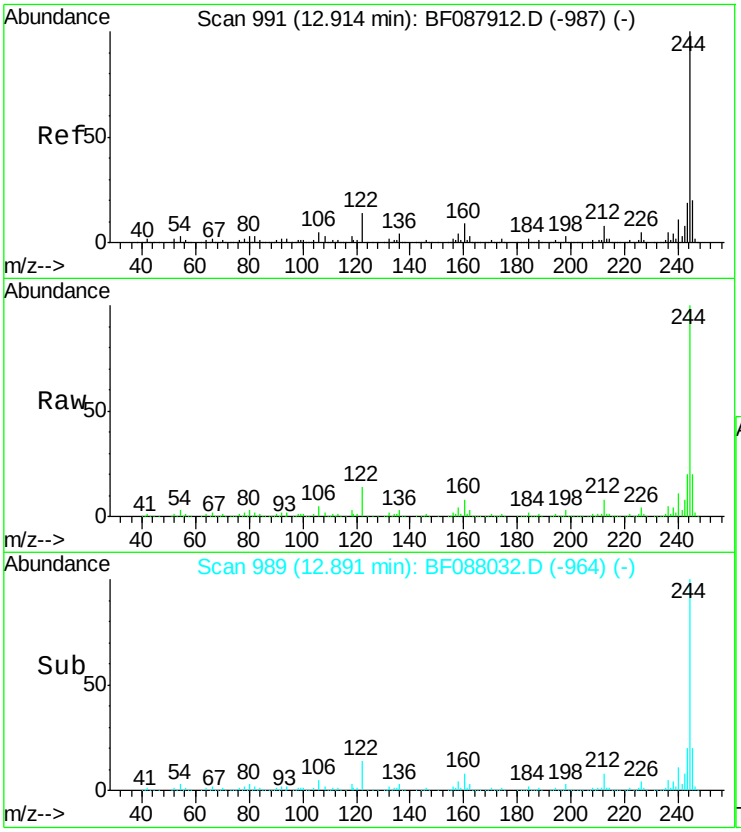


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Tgt Ion:240 Resp: 235710

Ion	Ratio	Lower	Upper
240	100		
120	16.3	6.8	10.2#
236	25.7	20.2	30.2



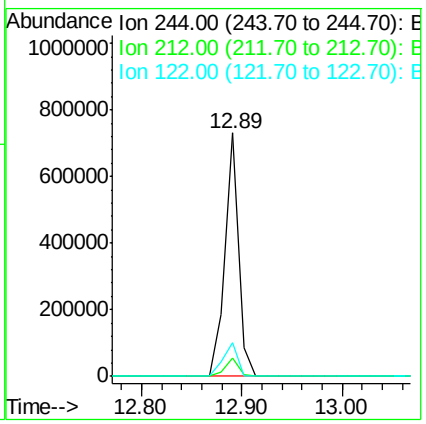


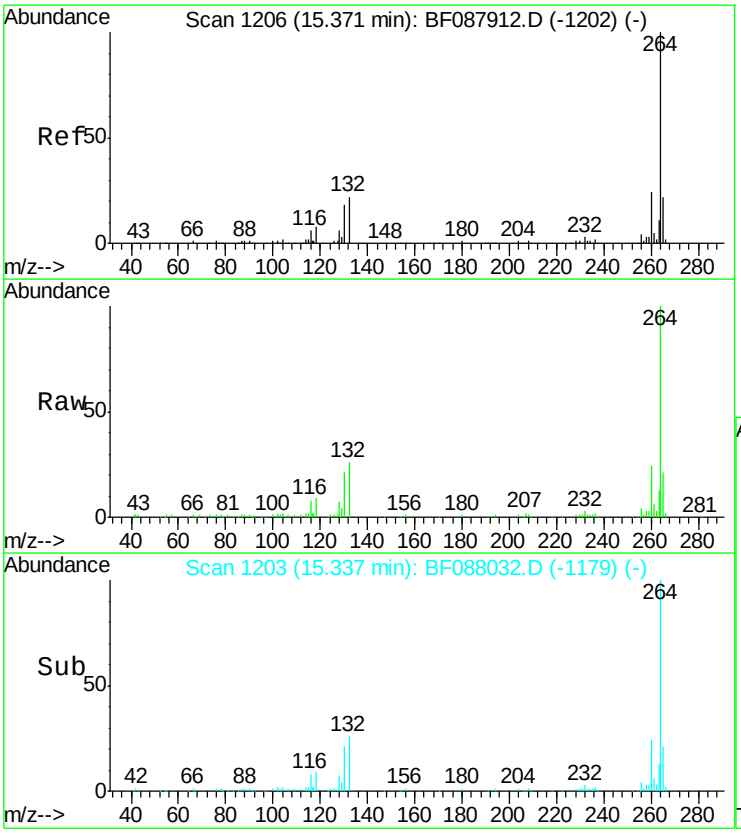
#78
Terphenyl-d14
Concen: 66.88 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tgt Ion:244 Resp: 692768

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.9	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BF088032.D
Acq: 15 Jun 2016 7:43

Tgt Ion:264 Resp: 154529

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	16.9	25.3