Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088361.D
Acq On : 25 Jun 2016 6:17
Operator : UM/SJ
Sample : H3731-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-55-062216

Quant Time: Jun 27 01:49:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	68506	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	261015	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	110775	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	176038	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	150465	20.00	ng	-0.03
86) Perylene-d12	15.07	264	101578	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	465696	116.21	ng	0.00
7) Phenol-d6	6.25	99	537264	110.63	ng	-0.01
23) Nitrobenzene-d5	7.15	82	385341	86.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	124843	106.73	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	693506	99.28	ng	-0.02
78) Terphenyl-d14	12.67	244	537147	81.24	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.35	94	841	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	47639	15.33	ng	# 73
25) Isophorone	7.15	82	377760	45.63	ng	# 65
31) Naphthalene	7.90	128	33856	2.62	ng	98
45) 1,1'-Biphenyl	9.05	154	227	Below Cal	#	29
50) 2,6-Dinitrotoluene	9.61	165	13491	7.34	ng	# 37
56) 2,4-Dinitrotoluene	9.61	165	13491	5.71	ng	# 36
57) Fluorene	10.17	166	523	Below Cal	#	91
66) 4-Bromophenyl-phenylether	10.40	248	7408	3.92	ng	# 1

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

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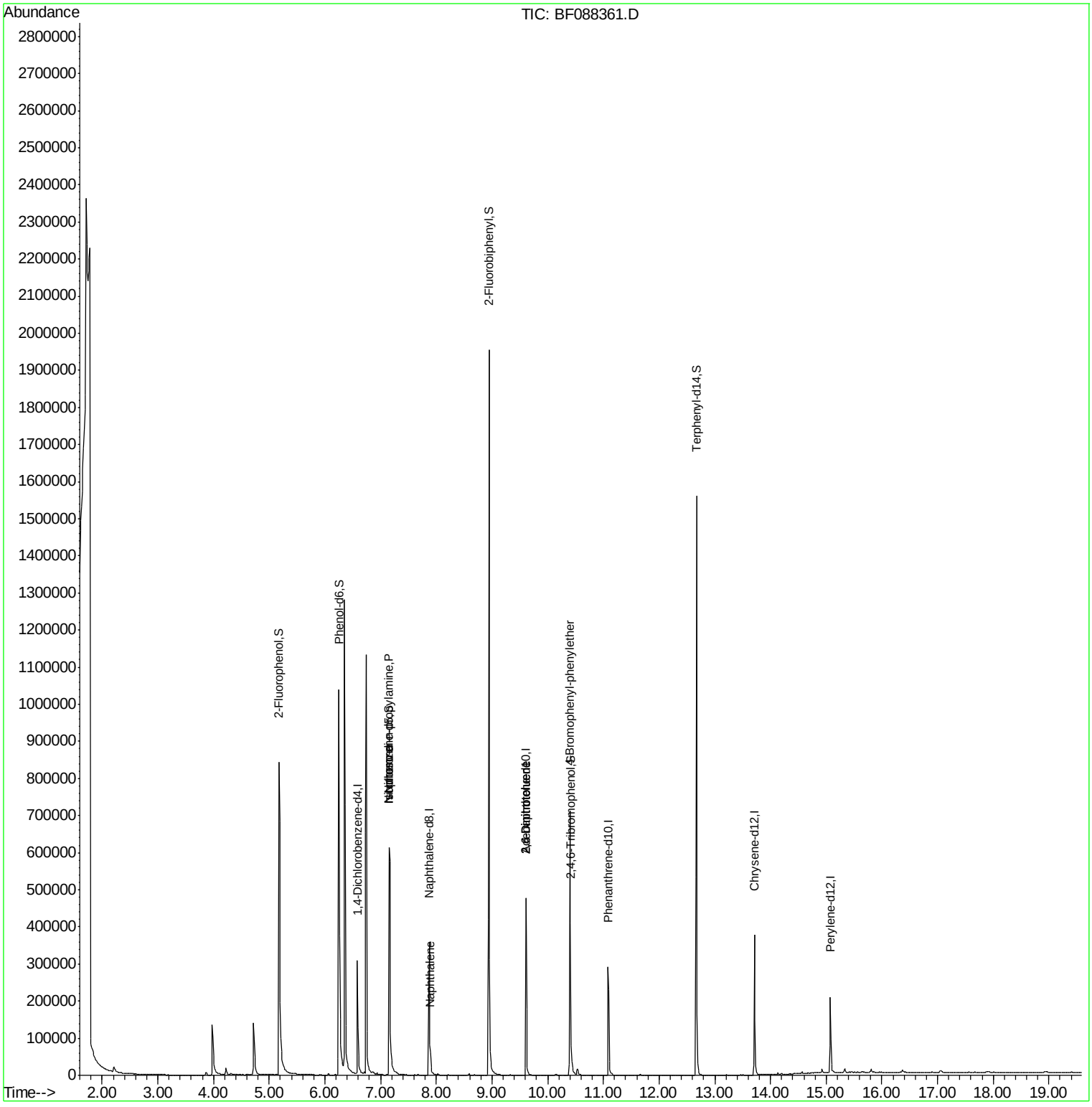
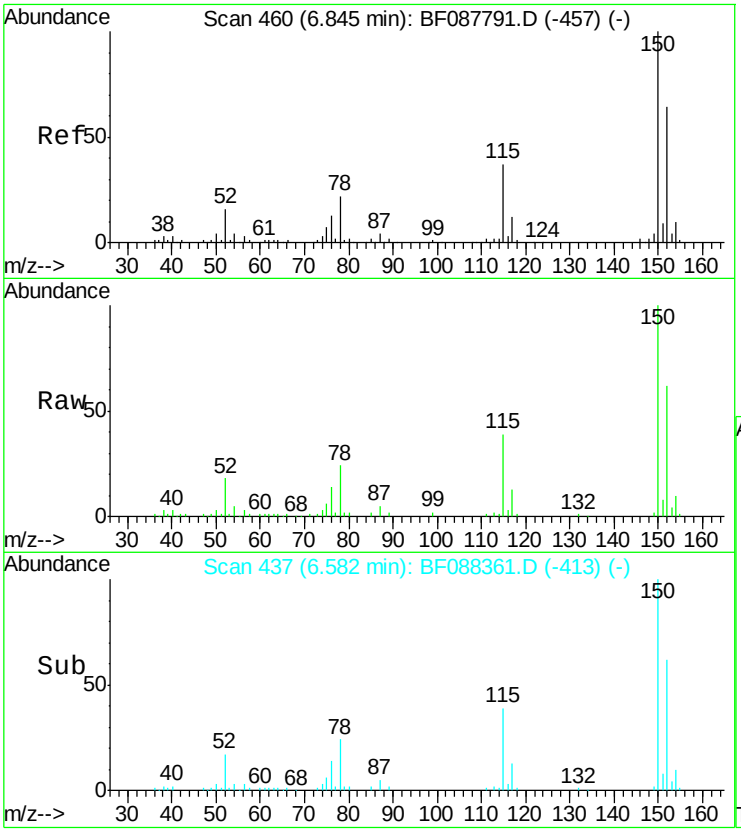


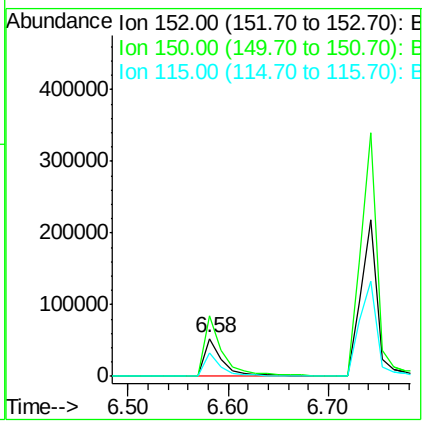


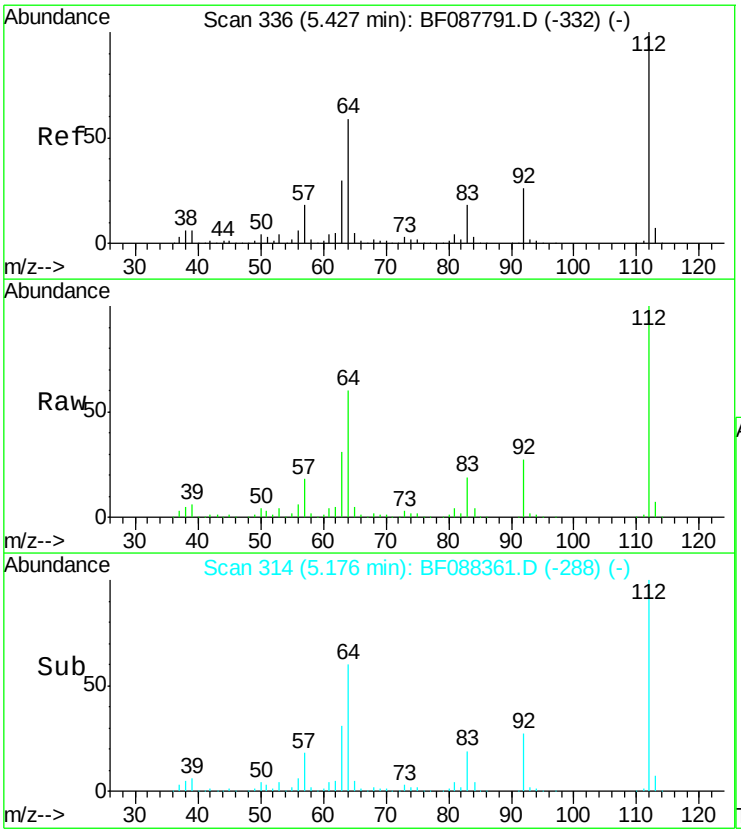
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216

Tgt Ion:152 Resp: 68506

Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.8	185.6
115	62.2	39.6	59.4#

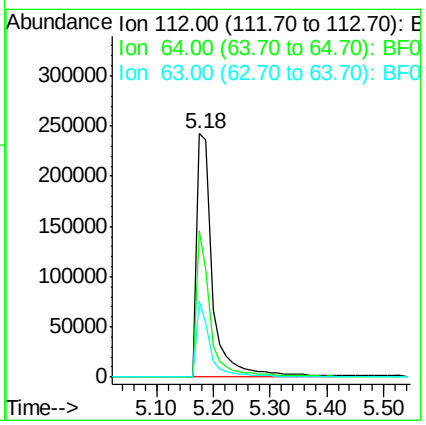


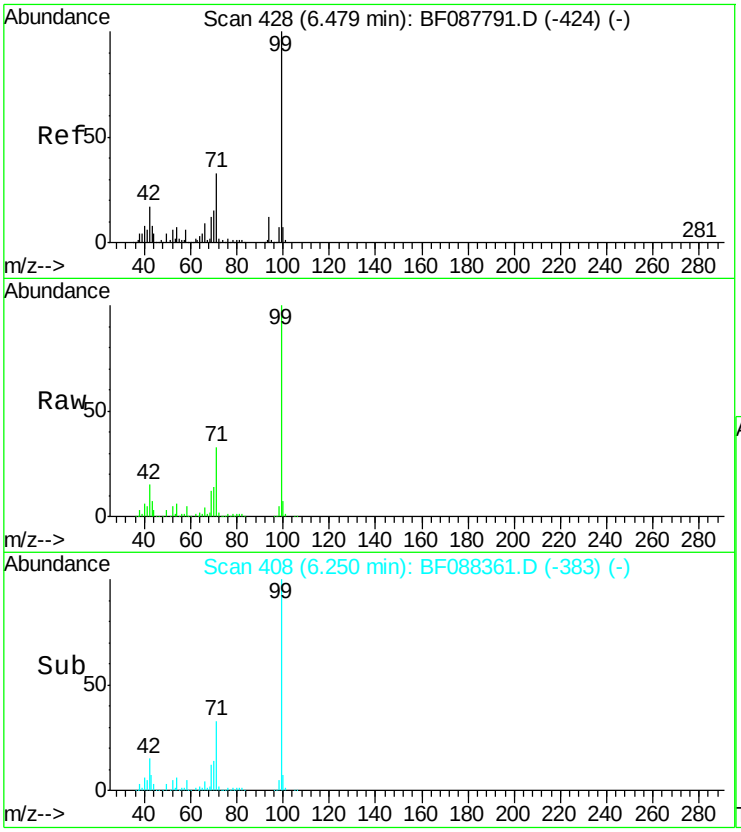


#5
2-Fluorophenol
Concen: 116.21 ng
RT: 5.18 min Scan# 314
Delta R.T. 0.00 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Tgt Ion:112 Resp: 465696

Ion	Ratio	Lower	Upper
112	100		
64	60.1	42.2	63.2
63	31.1	21.8	32.8



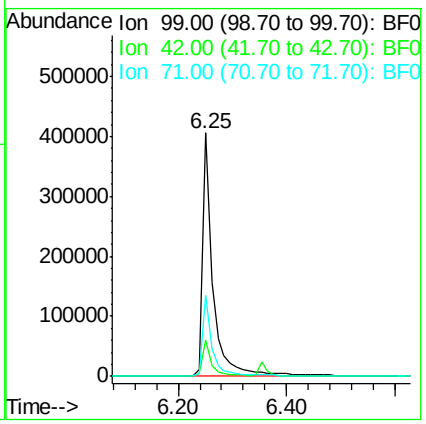


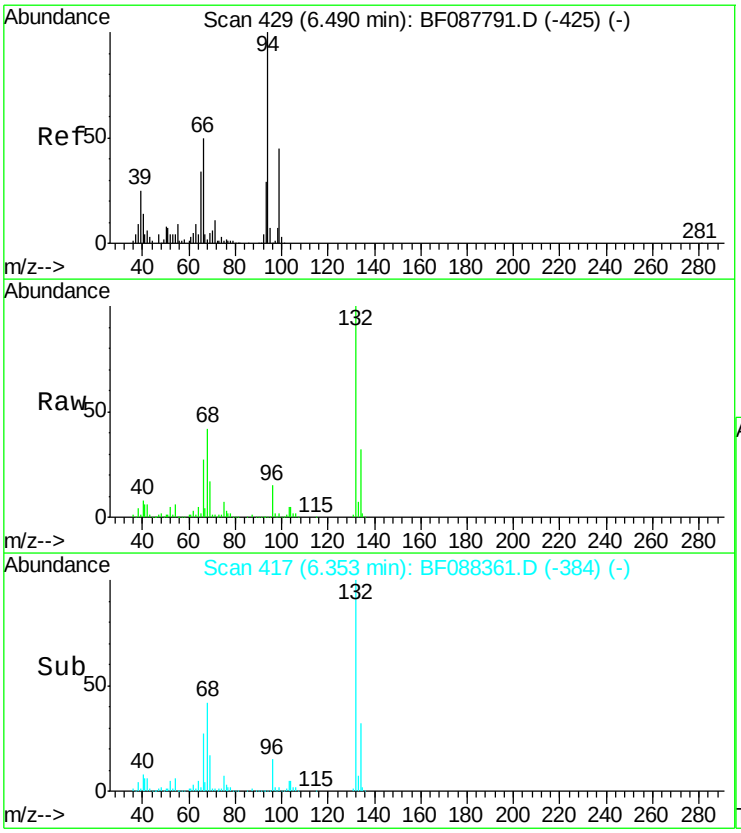
#7
Phenol-d6
Concen: 110.63 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216

Tgt Ion: 99 Resp: 537264

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.2
71	33.2	23.4	35.0

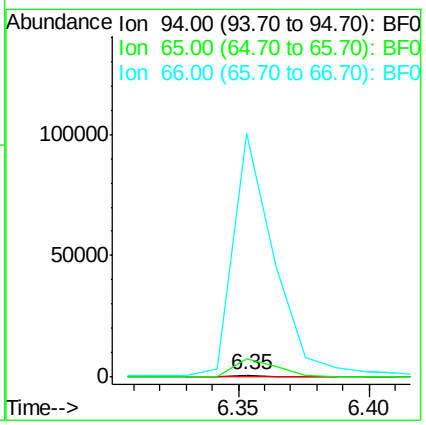


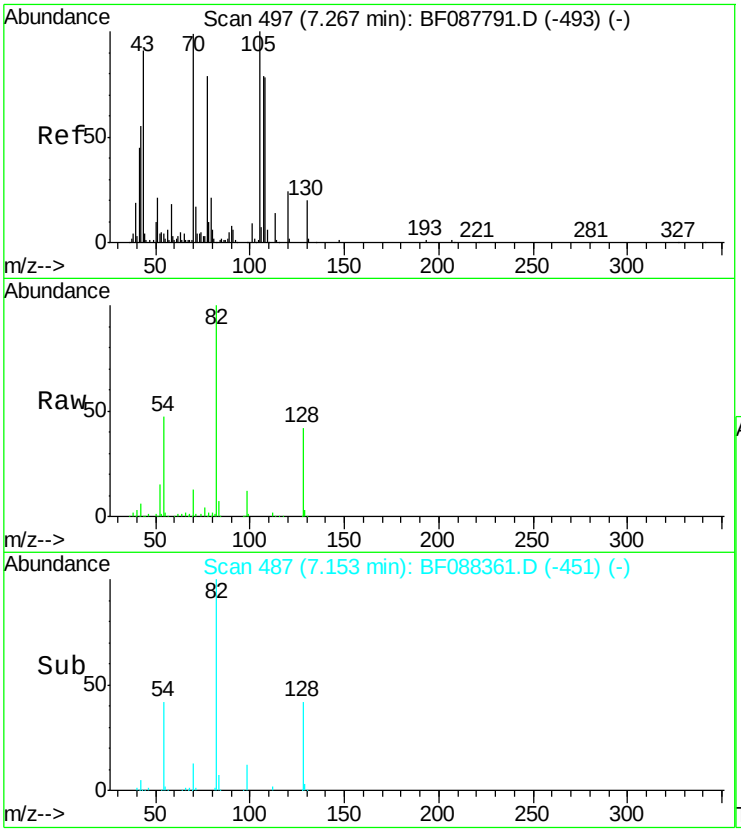


#10
Phenol
Concen: Below Cal
RT: 6.35 min Scan# 417
Delta R.T. 0.08 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Tgt Ion: 94 Resp: 841

Ion	Ratio	Lower	Upper
94	100		
65	920.5	5.9	45.9#
66	12150.3	14.0	54.0#



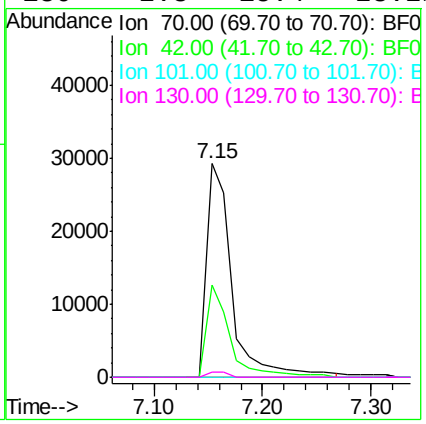


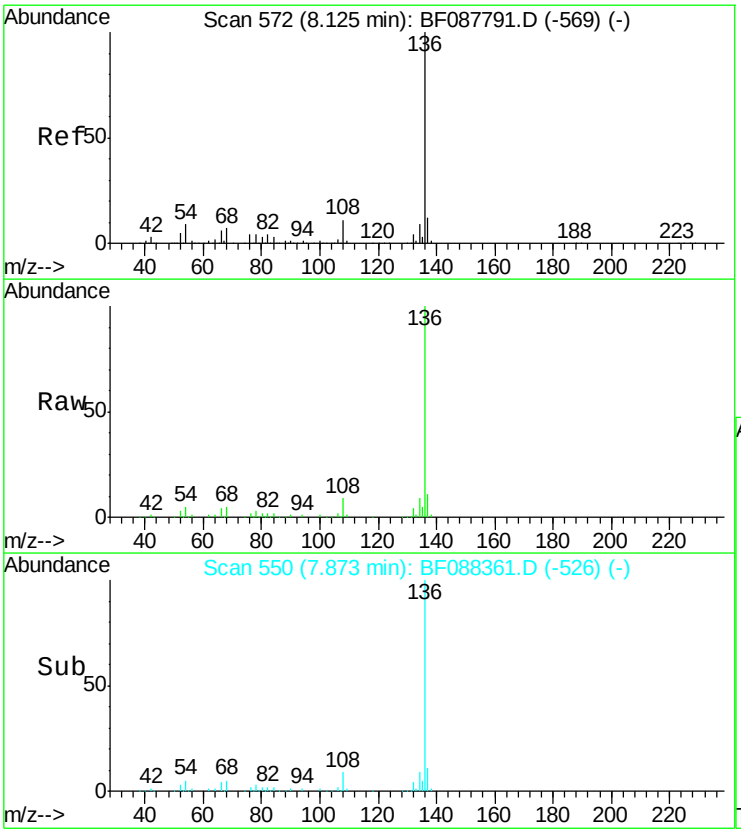
#19
n-Nitroso-di-n-propylamine
Concen: 15.33 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216

Tgt Ion: 70 Resp: 47639

Ion	Ratio	Lower	Upper
70	100		
42	43.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#

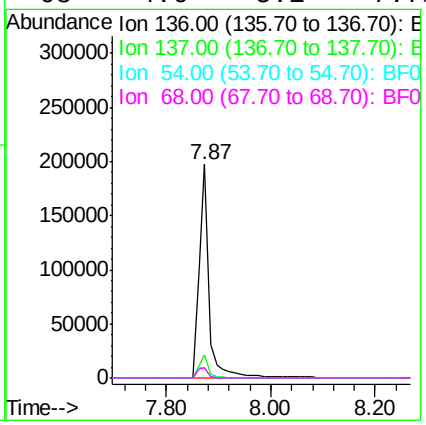


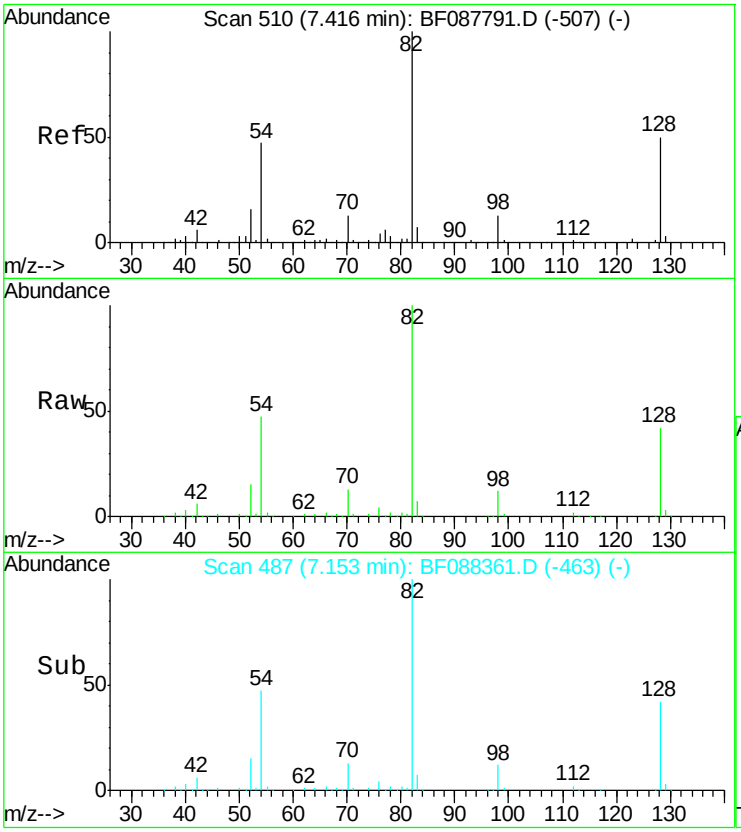


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Tgt Ion:136 Resp: 261015

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	4.9	6.6	10.0#
68	4.6	5.1	7.7#



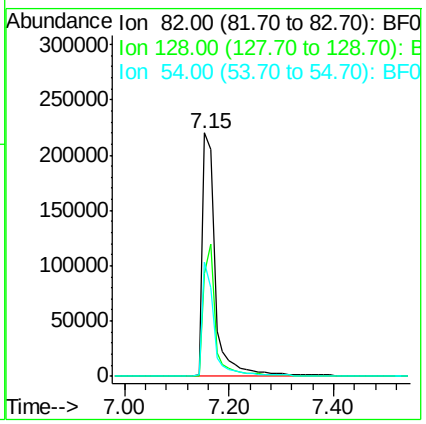


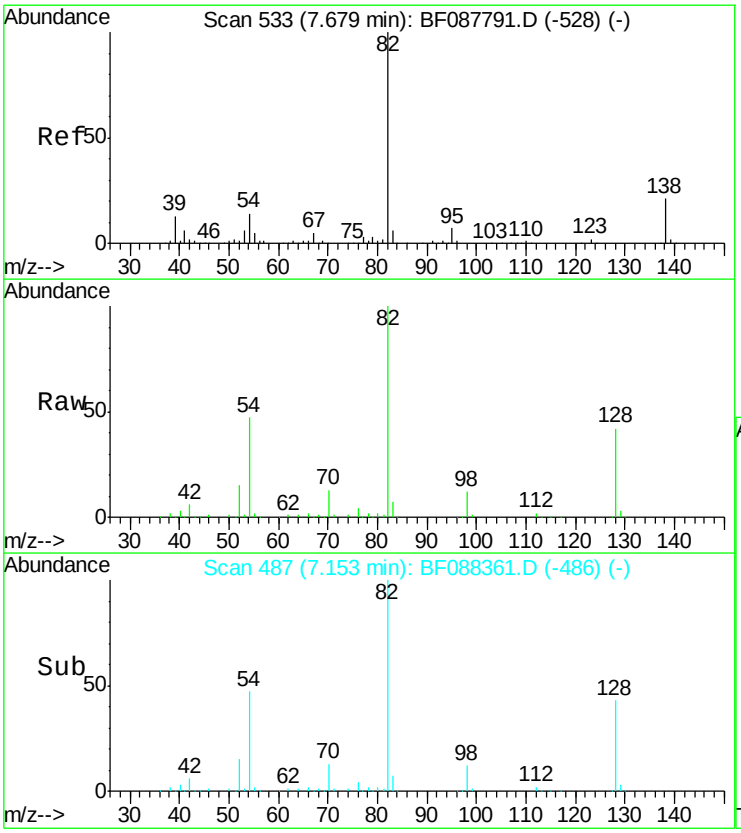
#23
Nitrobenzene-d5
Concen: 86.21 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216

Tgt Ion: 82 Resp: 385341

Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.9	53.9
54	46.8	40.9	61.3

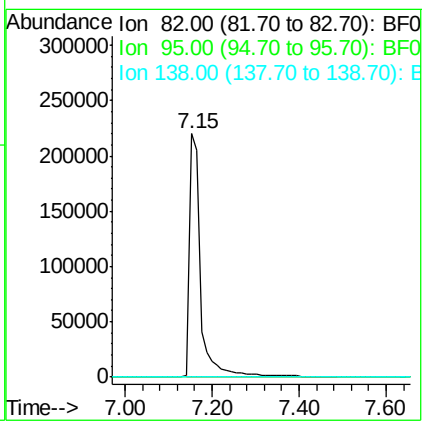


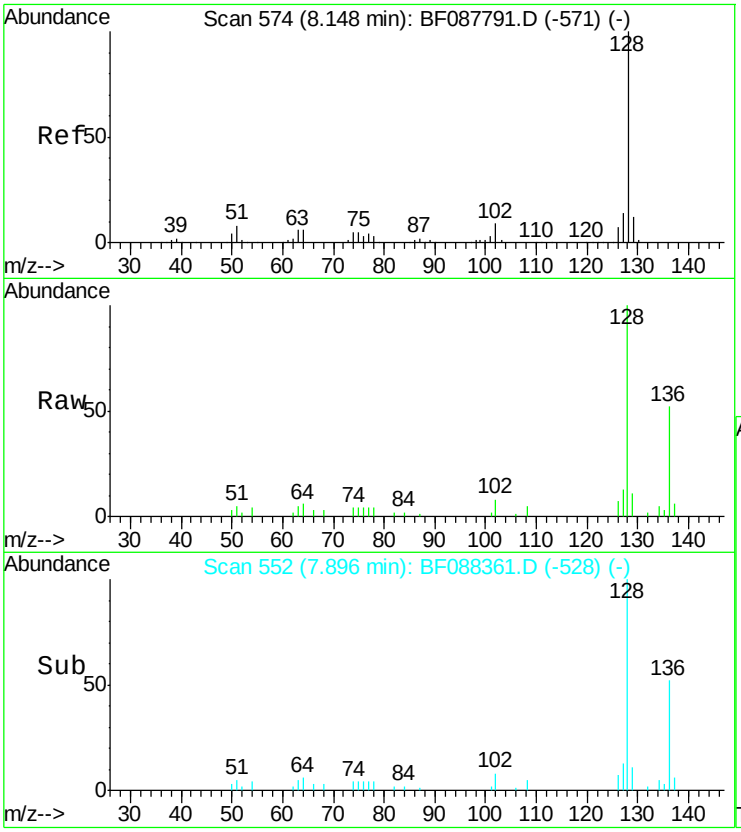


#25
Isophorone
Concen: 45.63 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.29 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Tgt Ion: 82 Resp: 377760

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



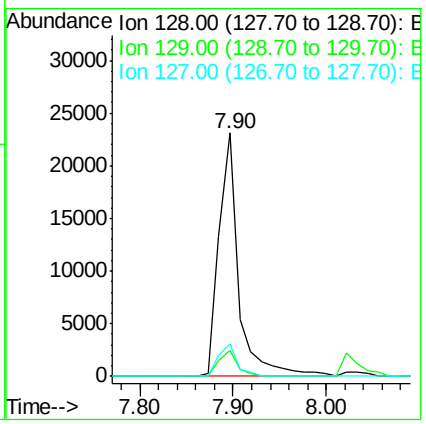


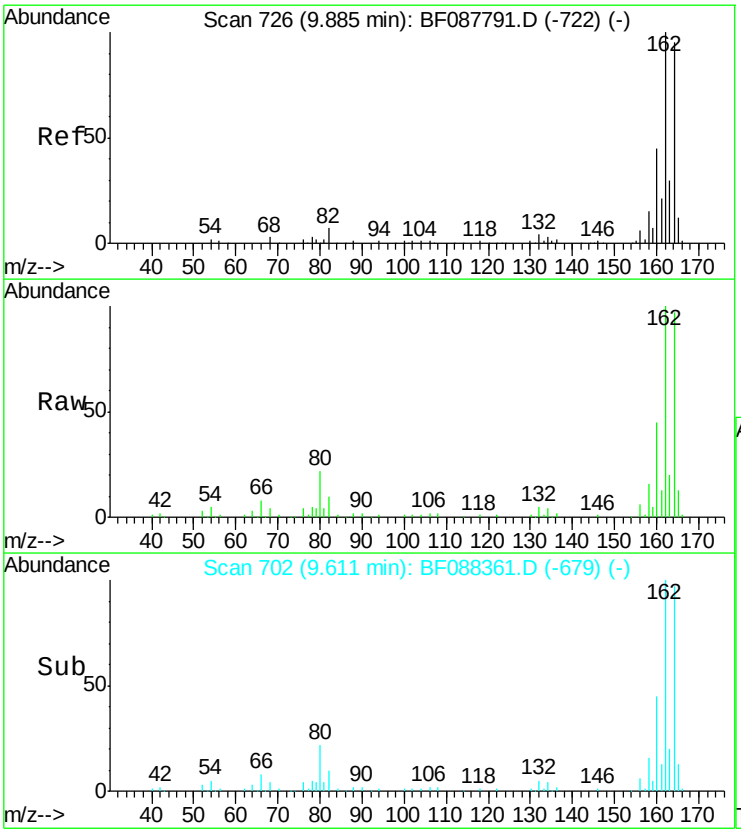
#31
Naphthalene
Concen: 2.62 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216

Tgt Ion:128 Resp: 33856

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	13.1	10.9	16.3

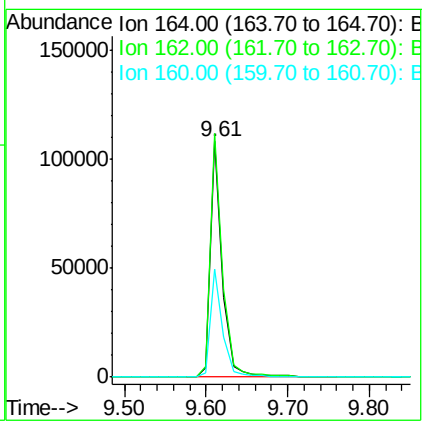


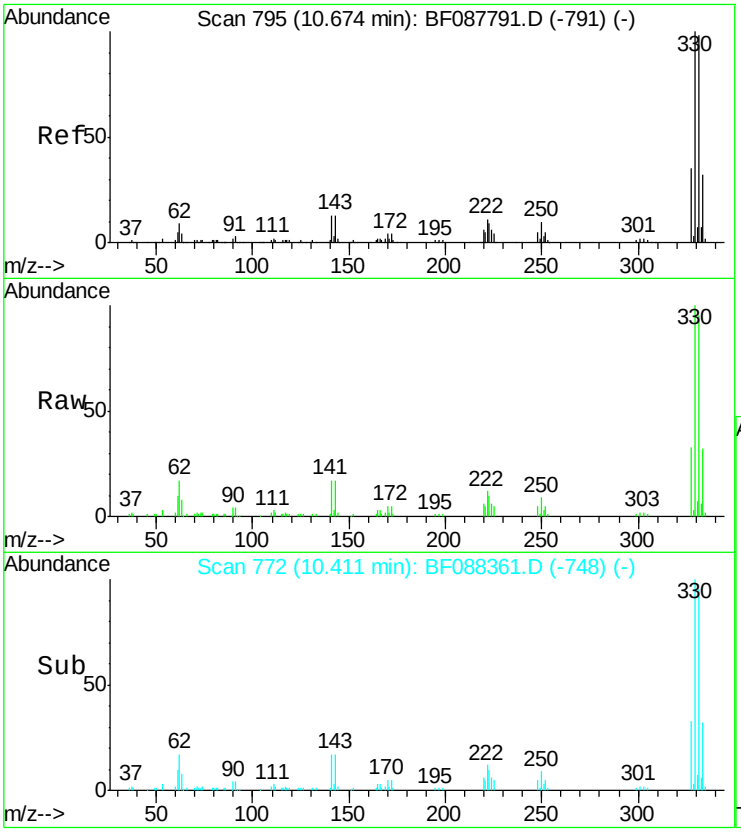


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Tgt Ion:164 Resp: 110775

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.4	128.2
160	46.0	39.5	59.3



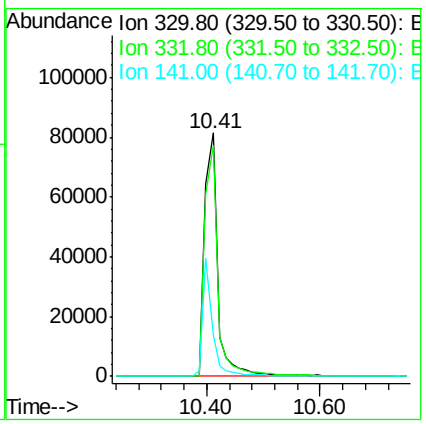


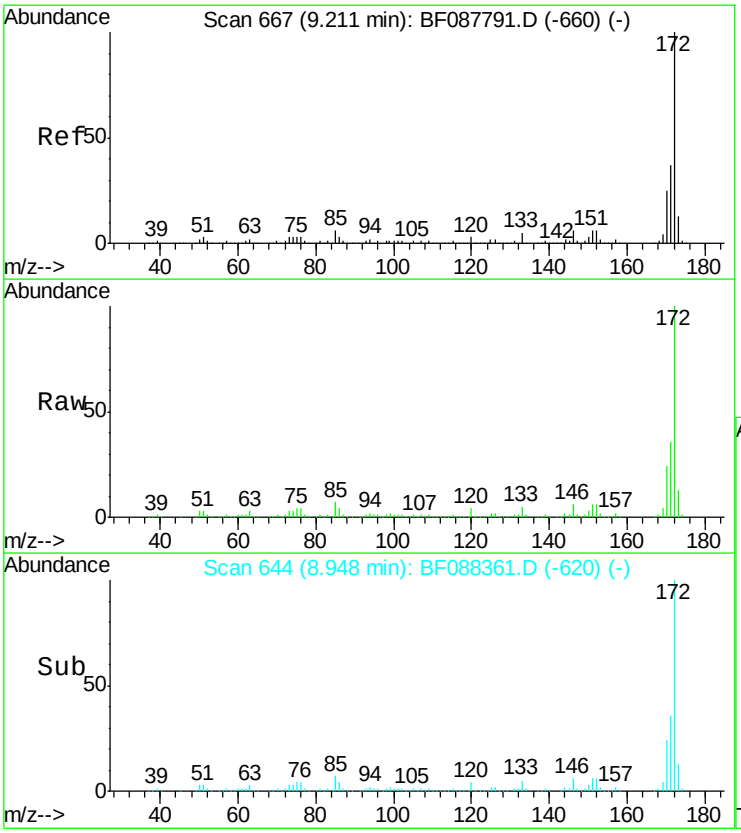
#41
2,4,6-Tribromophenol
Concen: 106.73 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216

Tgt Ion:330 Resp: 124843

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	36.1	0.0	0.0#

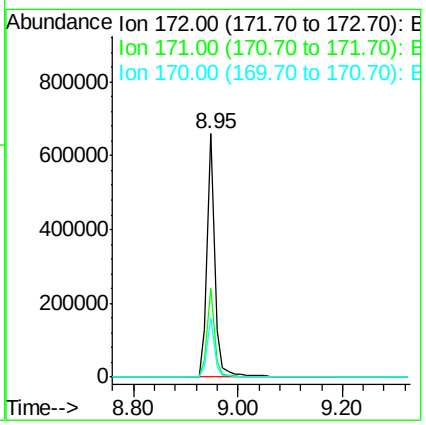


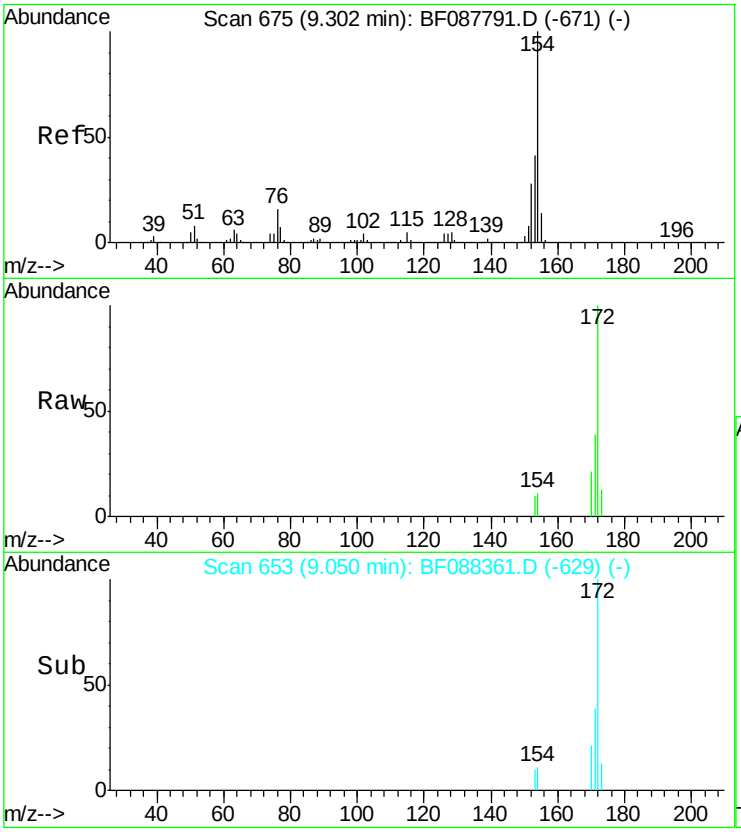


#44
2-Fluorobiphenyl
Concen: 99.28 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Tgt Ion:172 Resp: 693506

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.3	19.2	28.8



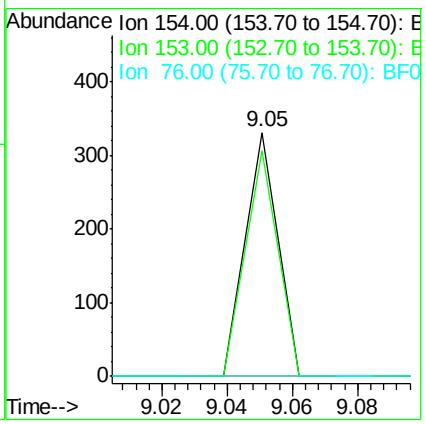


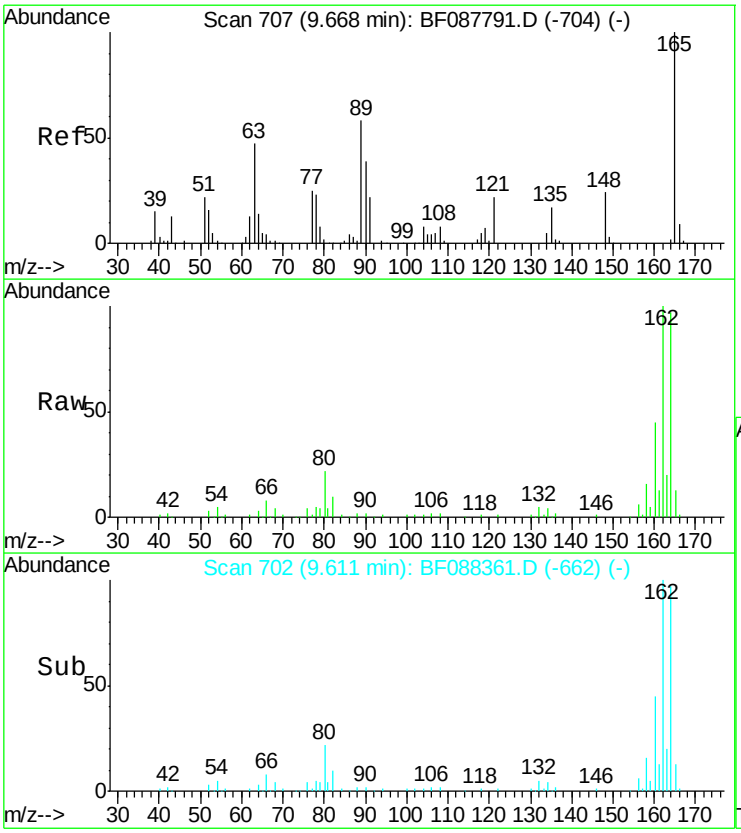
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216

Tgt Ion:154 Resp: 227

Ion	Ratio	Lower	Upper
154	100		
153	92.4	20.6	60.6#
76	0.0	0.0	35.1

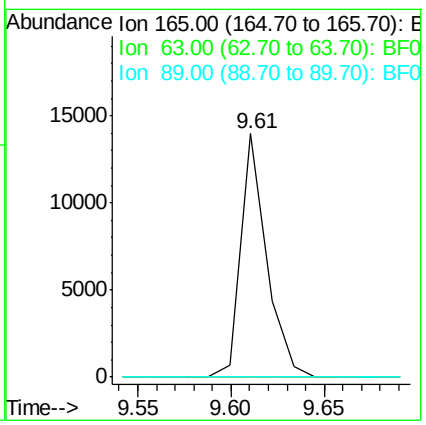


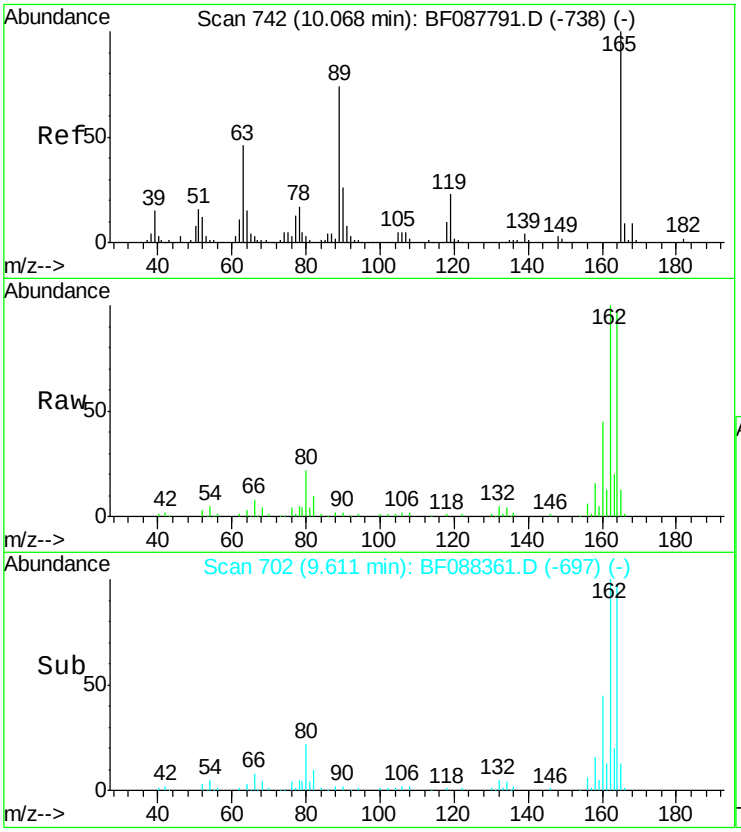


#50
2,6-Dinitrotoluene
Concen: 7.34 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.16 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Tgt Ion:165 Resp: 13491

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



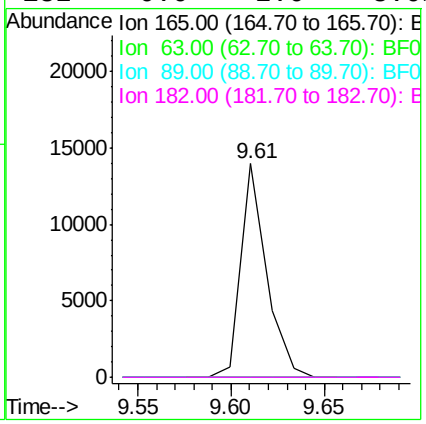


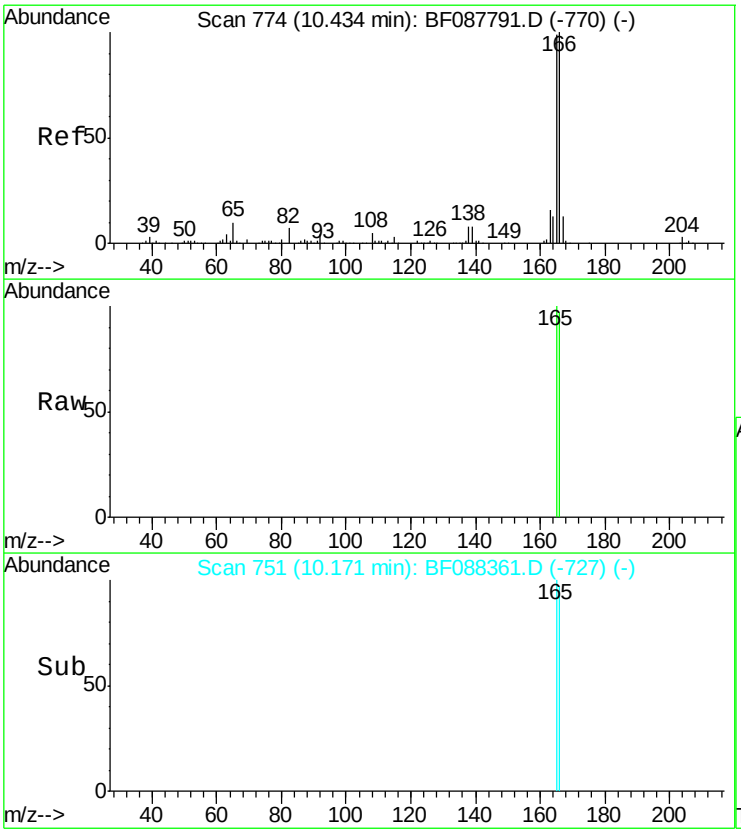
#56
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.24 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216

Tgt Ion:165 Resp: 13491

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#

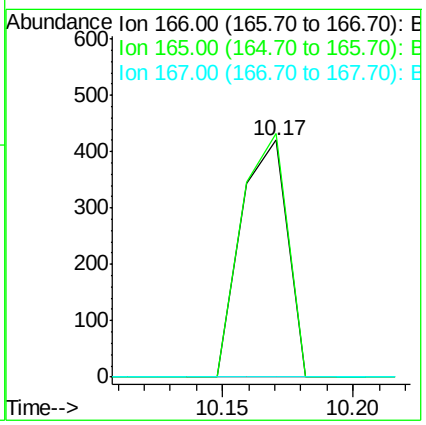


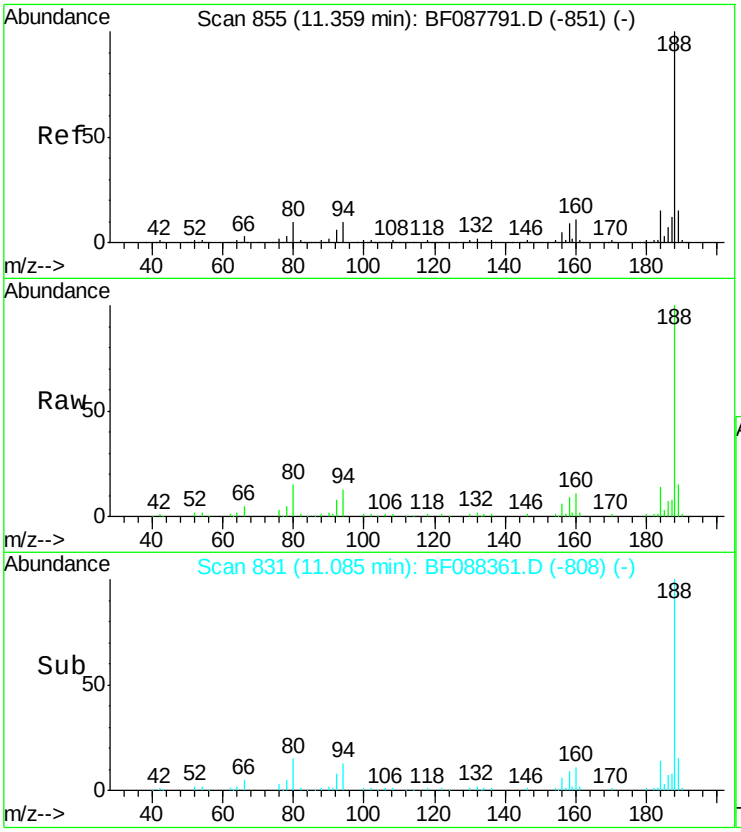


#57
Fluorene
Concen: Below Cal
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Tgt Ion:166 Resp: 523

Ion	Ratio	Lower	Upper
166	100		
165	102.9	77.8	116.8
167	0.0	11.2	16.8#



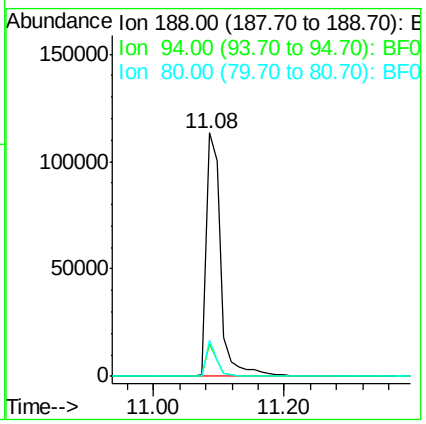


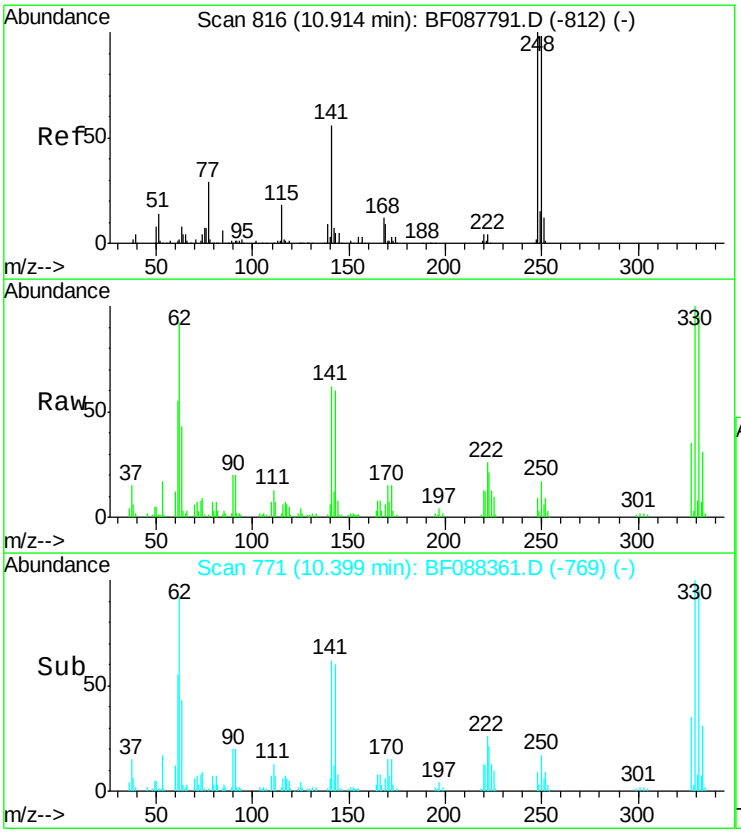
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216

Tgt Ion:188 Resp: 176038

Ion	Ratio	Lower	Upper
188	100		
94	13.3	9.0	13.6
80	14.8	10.0	15.0

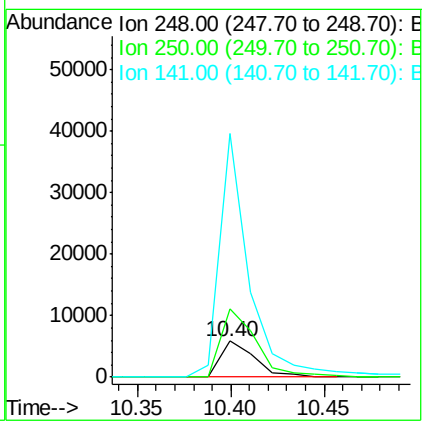


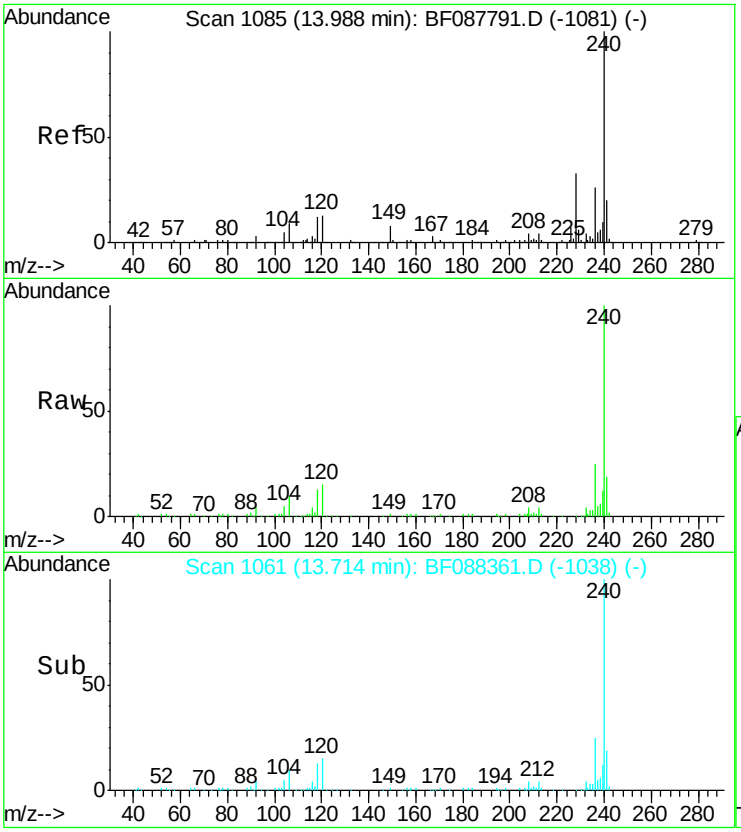


#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Tgt Ion:248 Resp: 7408

Ion	Ratio	Lower	Upper
248	100		
250	191.7	77.1	115.7#
141	679.6	50.6	76.0#



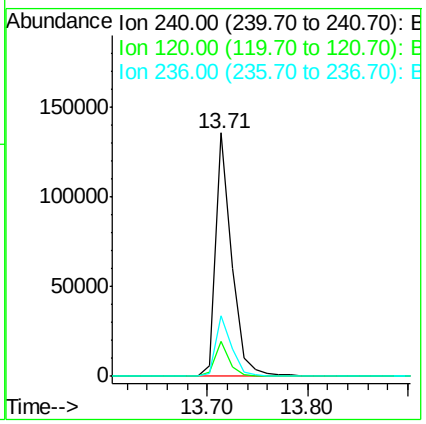


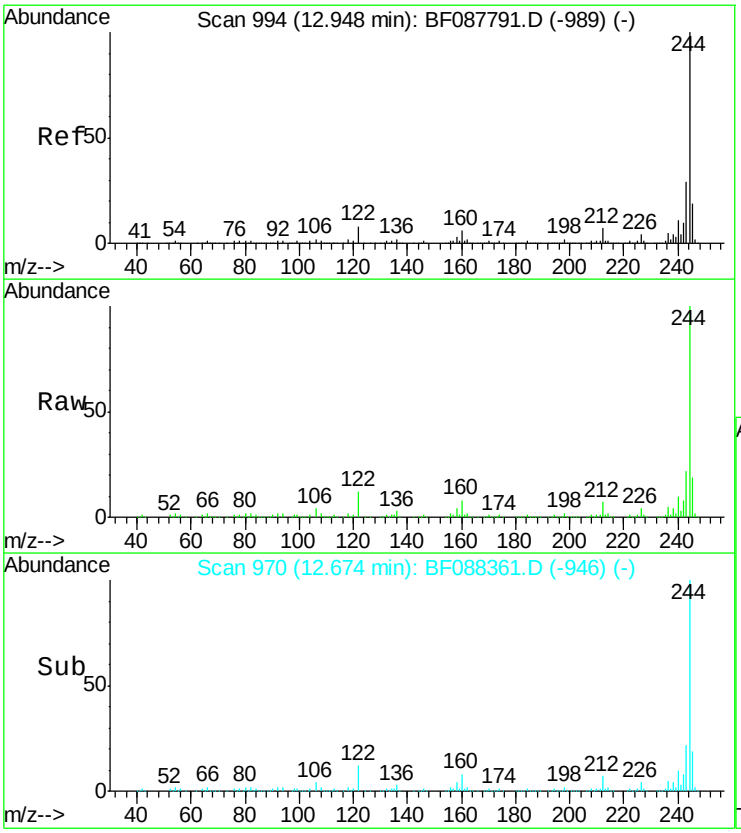
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216

Tgt Ion:240 Resp: 150465

Ion	Ratio	Lower	Upper
240	100		
120	14.6	6.8	10.2#
236	25.1	20.2	30.2

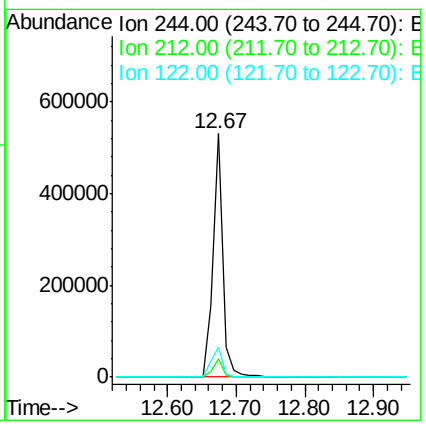


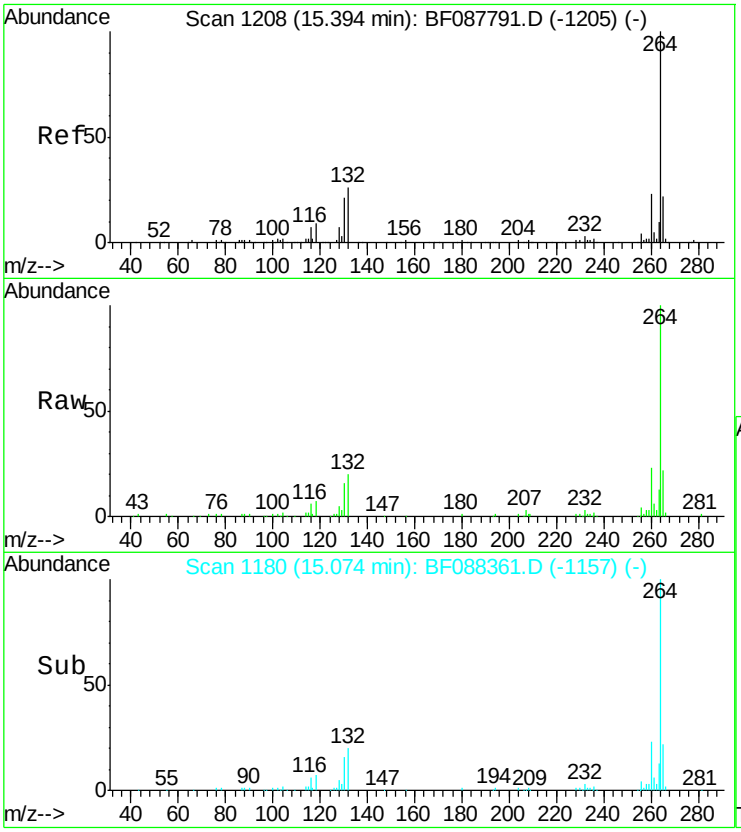


#78
Terphenyl-d14
Concen: 81.24 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Tgt Ion:244 Resp: 537147

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.2	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF088361.D
Acq: 25 Jun 2016 6:17

Instrument :
BNA_F
ClientSampleId :
HSR-WC-55-062216

Tgt Ion:264 Resp: 101578

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	16.9	25.3