Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082604.D
Acq On : 31 Oct 2015 6:52
Operator : UM/IZ
Sample : G4163-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 030-IDW2(WATER)

Quant Time: Nov 02 00:22:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181220	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	741912	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	382541	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	679951	20.00	ng		0.00
75) Chrysene-d12	14.07	240	508231	20.00	ng		-0.01
86) Perylene-d12	15.53	264	390153	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	496478	41.26	ng		0.00
7) Phenol-d6	6.52	99	430773	26.95	ng		-0.01
23) Nitrobenzene-d5	7.47	82	1642621	90.41	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	397375	94.92	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2469873	91.67	ng		0.00
78) Terphenyl-d14	13.03	244	2005230	86.35	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.67	77	28543	2.62	ng		90
15) Benzyl Alcohol	7.06	79	31180	2.09	ng	#	53
18) Hexachloroethane	7.38	117	11872	2.07	ng	#	1
19) n-Nitroso-di-n-propylamine	7.47	70	239095	19.73	ng	#	68
22) Acetophenone	7.31	105	114029	5.22	ng	#	61
24) Nitrobenzene	7.45	77	39492	2.15	ng	#	22
31) Naphthalene	8.21	128	188130	4.69	ng	#	95
33) 4-Chloroaniline	8.21	127	38240	2.23	ng	#	34
37) 2-Methylnaphthalene	9.00	142	141596	5.44	ng		97
53) 2,4-Dinitrophenol	10.10	184	267	6.76	ng	#	1
66) 4-Bromophenyl-phenylether	10.74	248	26380	3.42	ng	#	1

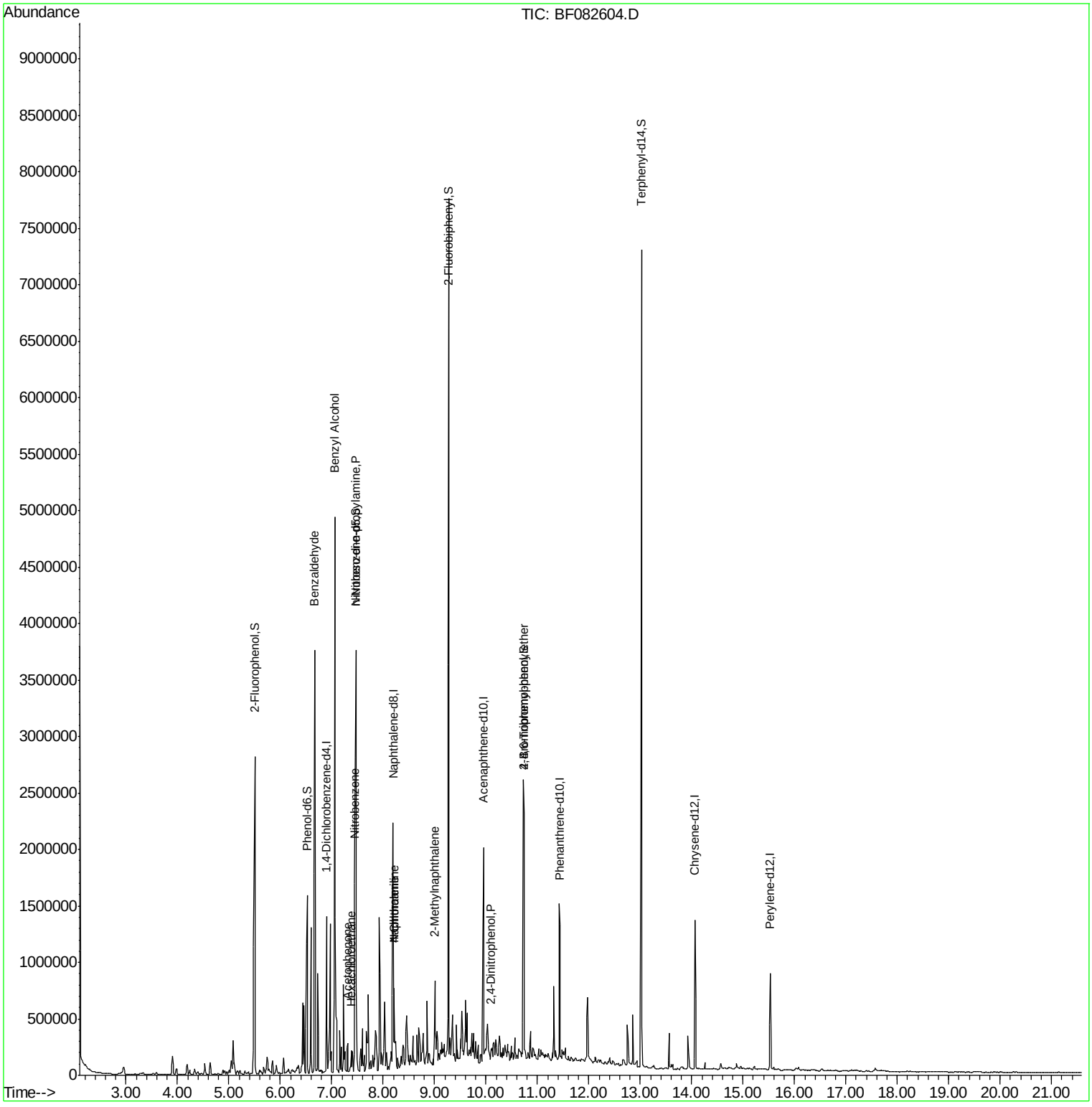
(#) = qualifier out of range (m) = manual integration (+) = signals summed

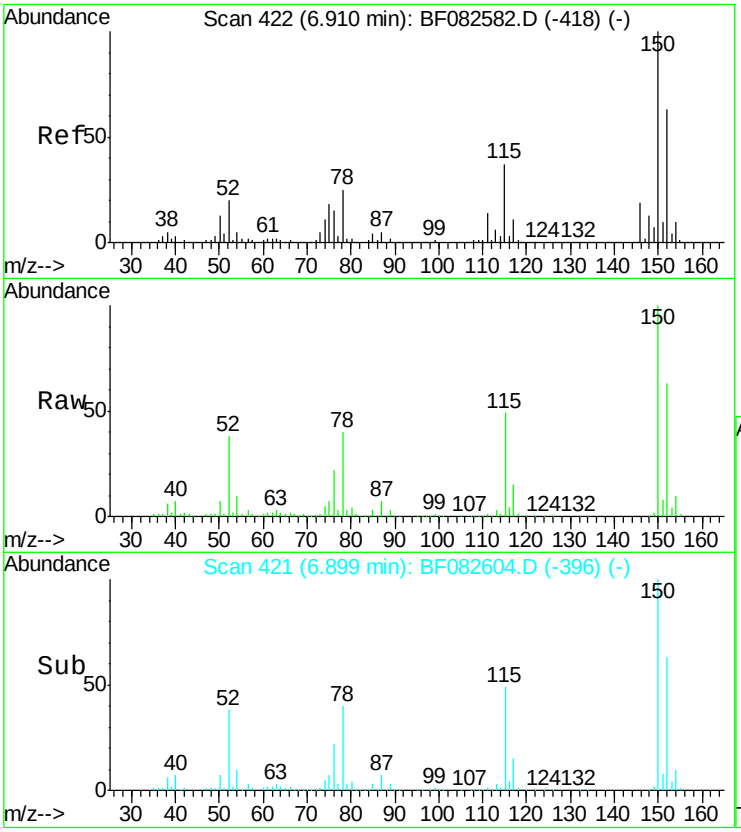
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082604.D
Acq On : 31 Oct 2015 6:52
Operator : UM/IZ
Sample : G4163-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Quant Time: Nov 02 00:22:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration



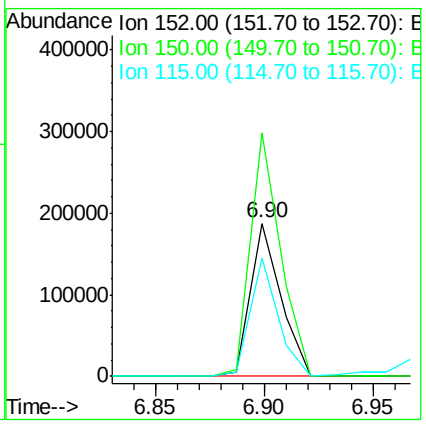


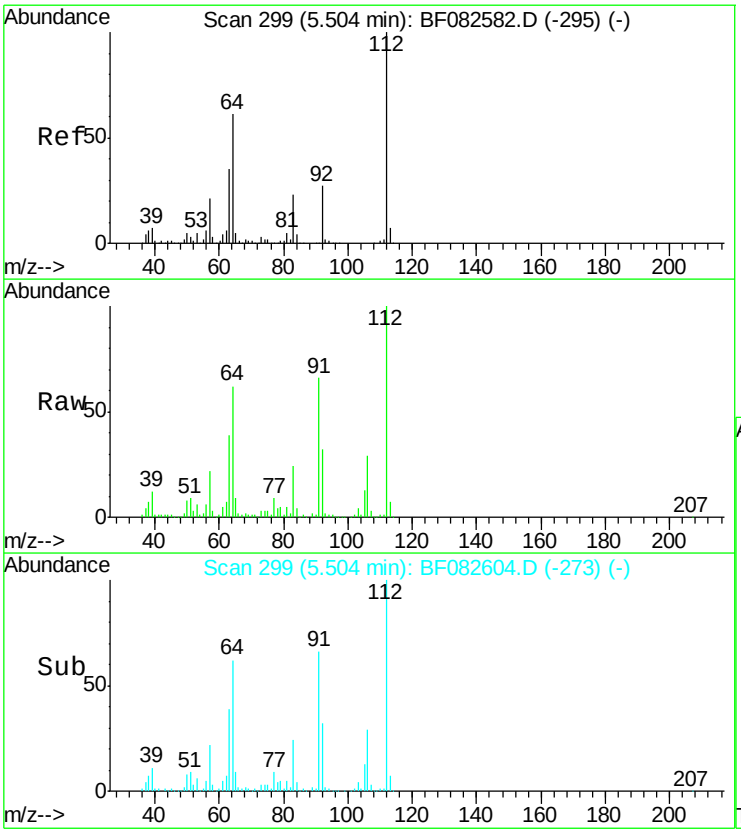
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion:152 Resp: 181220

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.0	190.4
115	77.4	47.0	70.6#

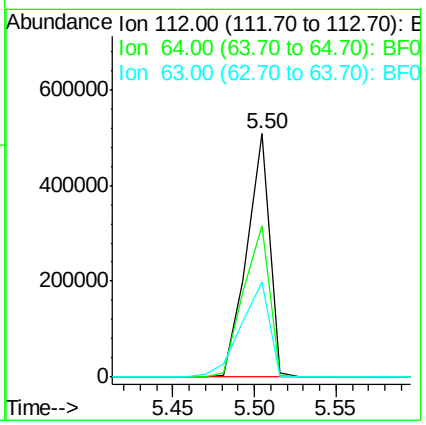


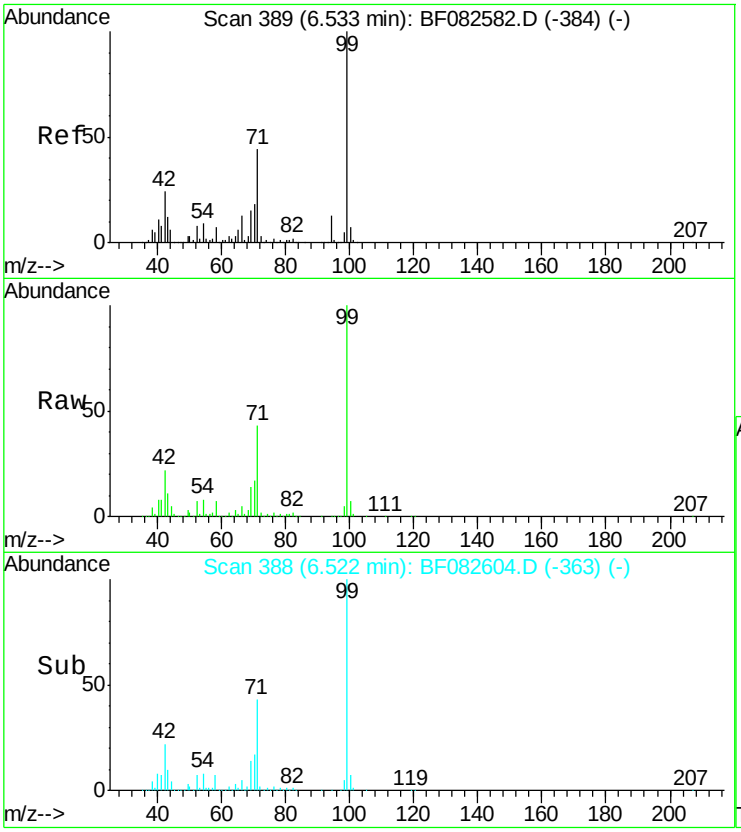


#5
2-Fluorophenol
Concen: 41.26 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.00 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Tgt Ion:112 Resp: 496478

Ion	Ratio	Lower	Upper
112	100		
64	62.0	48.9	73.3
63	39.0	28.1	42.1



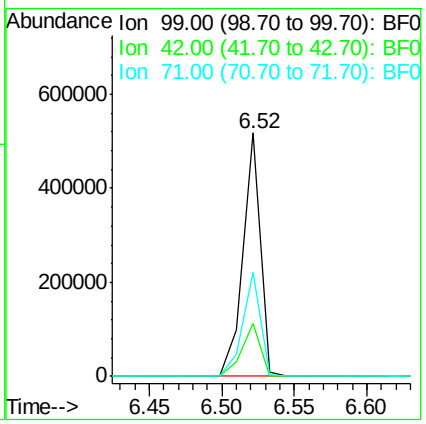


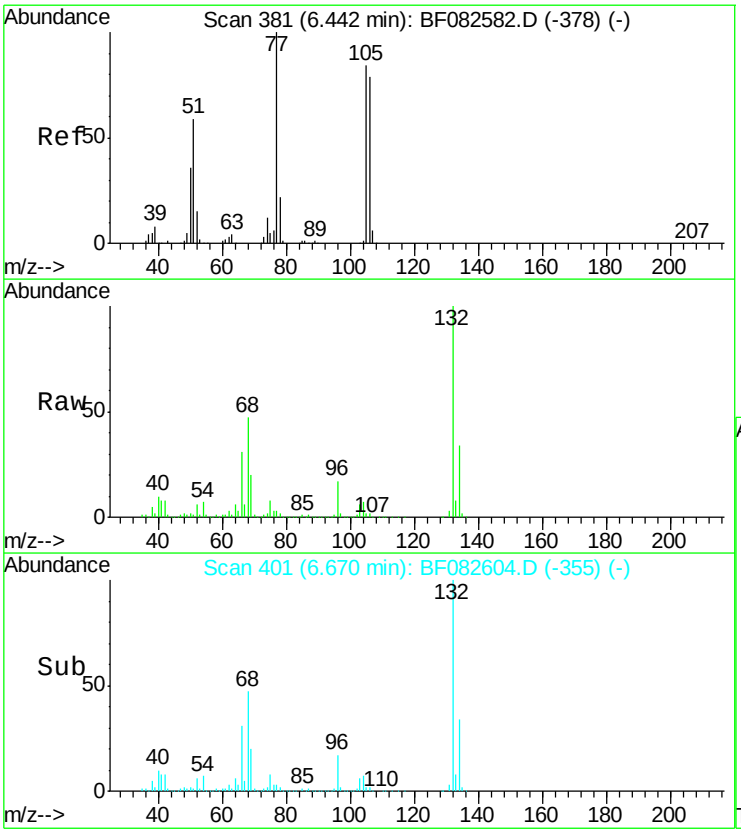
#7
Phenol-d6
Concen: 26.95 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion: 99 Resp: 430773

Ion	Ratio	Lower	Upper
99	100		
42	21.7	19.2	28.8
71	42.8	35.0	52.4

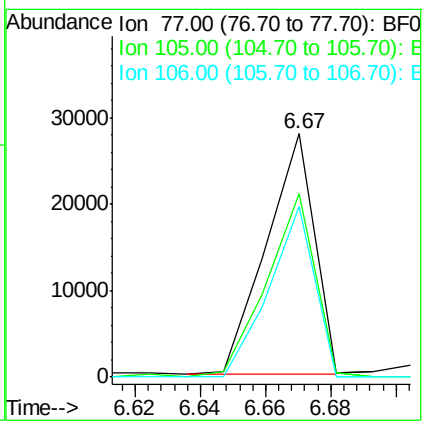


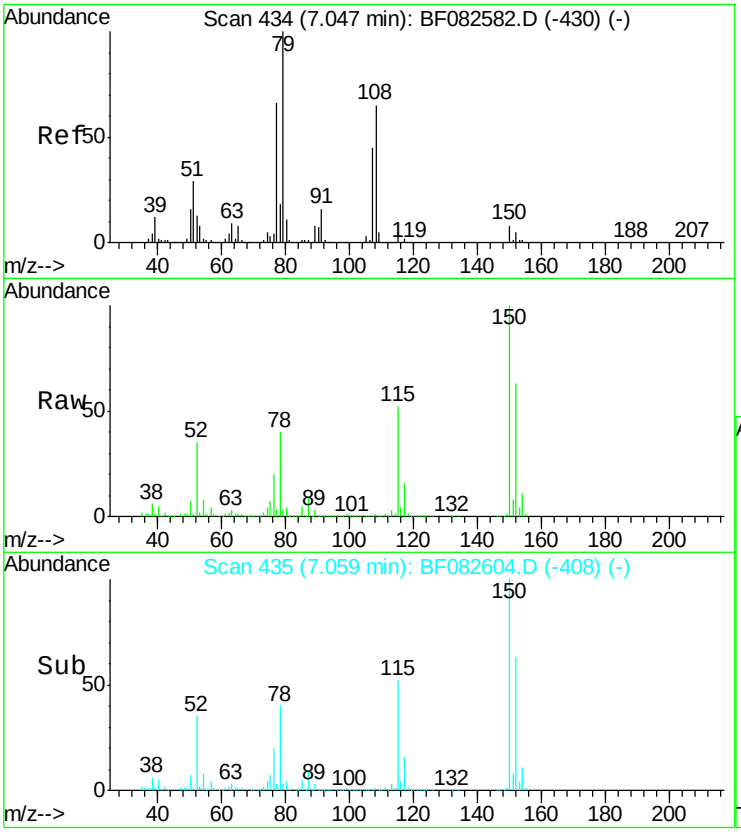


#9
Benzaldehyde
Concen: 2.62 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.23 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Tgt Ion: 77 Resp: 28543

Ion	Ratio	Lower	Upper
77	100		
105	75.3	63.5	103.5
106	70.1	59.3	99.3



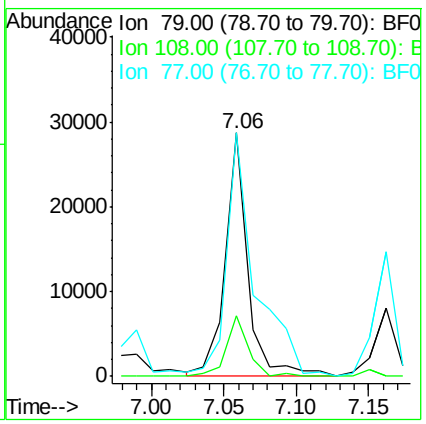


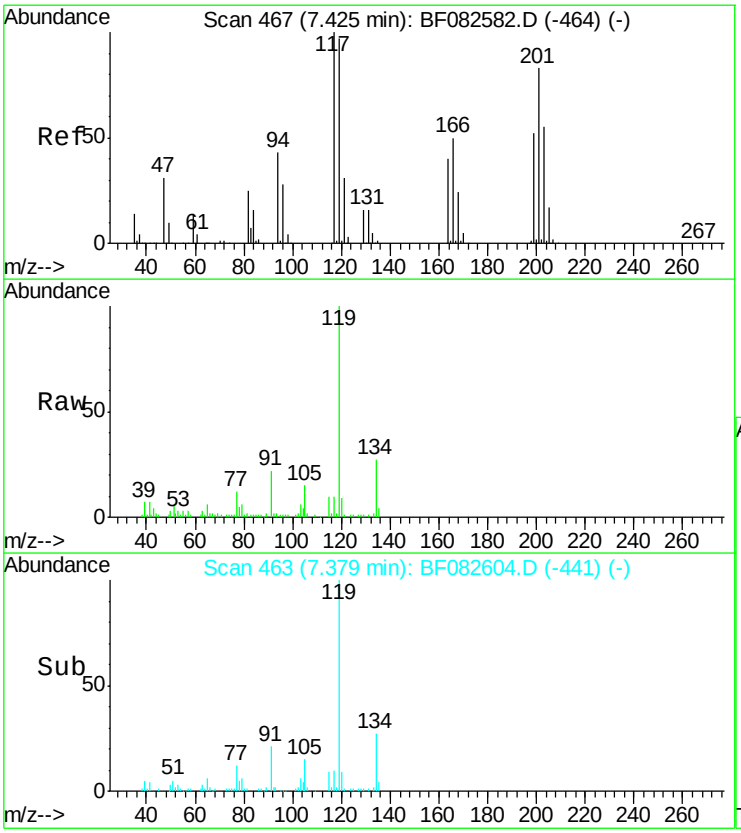
#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion: 79 Resp: 31180

Ion	Ratio	Lower	Upper
79	100		
108	24.8	52.2	78.4#
77	100.0	52.7	79.1#

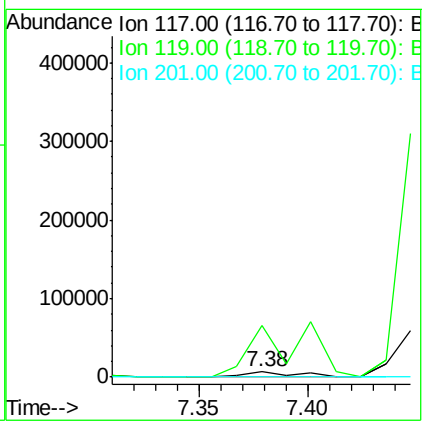


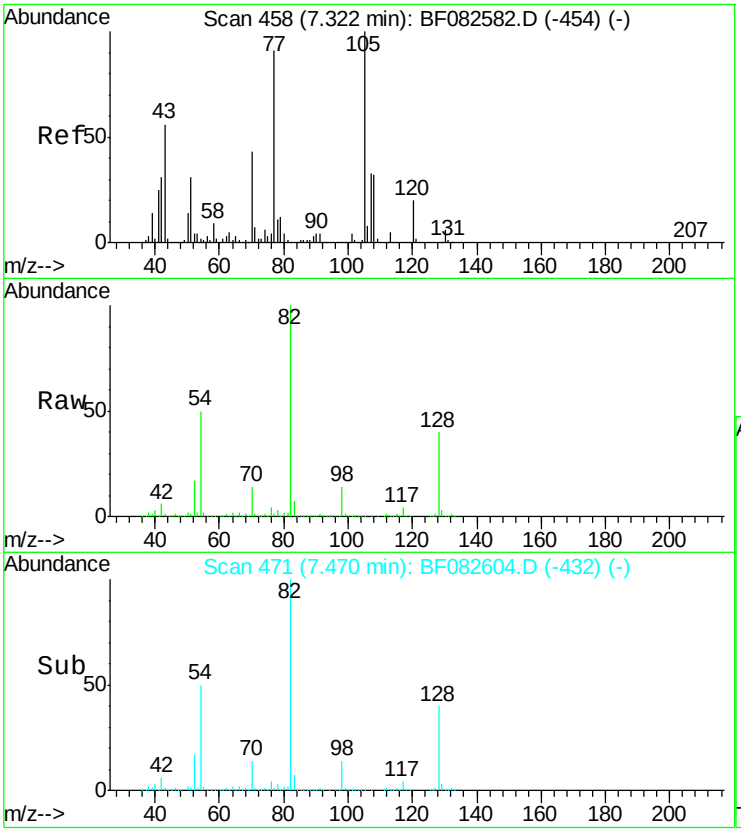


#18
Hexachloroethane
Concen: 2.07 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Tgt Ion:117 Resp: 11872

Ion	Ratio	Lower	Upper
117	100		
119	964.8	77.7	116.5#
201	0.0	66.7	100.1#



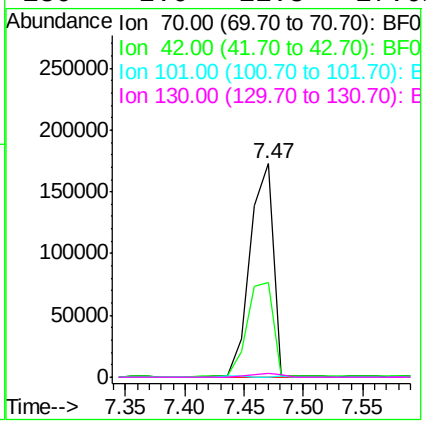


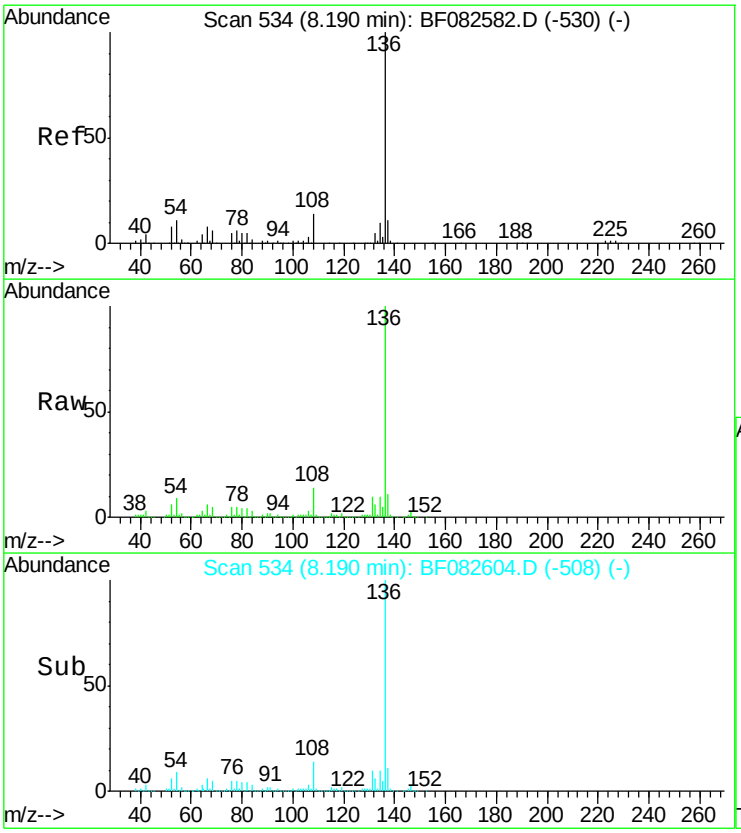
#19
n-Nitroso-di-n-propylamine
Concen: 19.73 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.15 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion: 70 Resp: 239095

Ion	Ratio	Lower	Upper
70	100		
42	44.6	57.7	86.5#
101	0.2	7.0	10.6#
130	2.0	11.8	17.6#

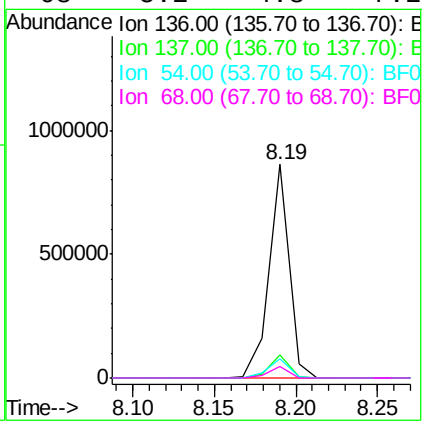


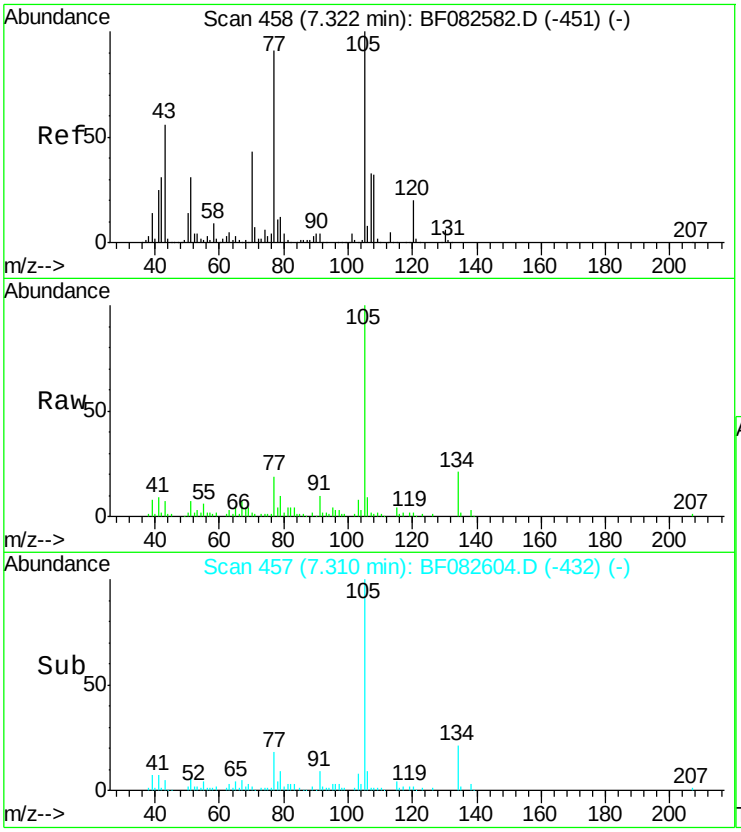


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Tgt Ion:136 Resp: 741912

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.9	9.1	13.7#
68	5.2	4.8	7.2



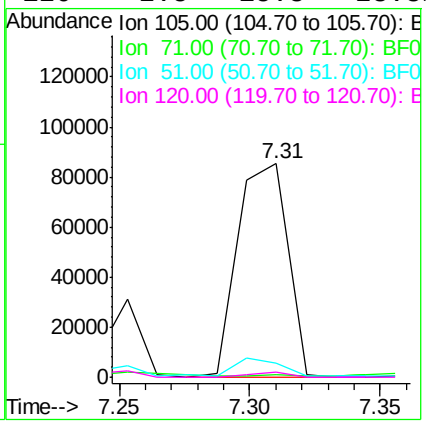


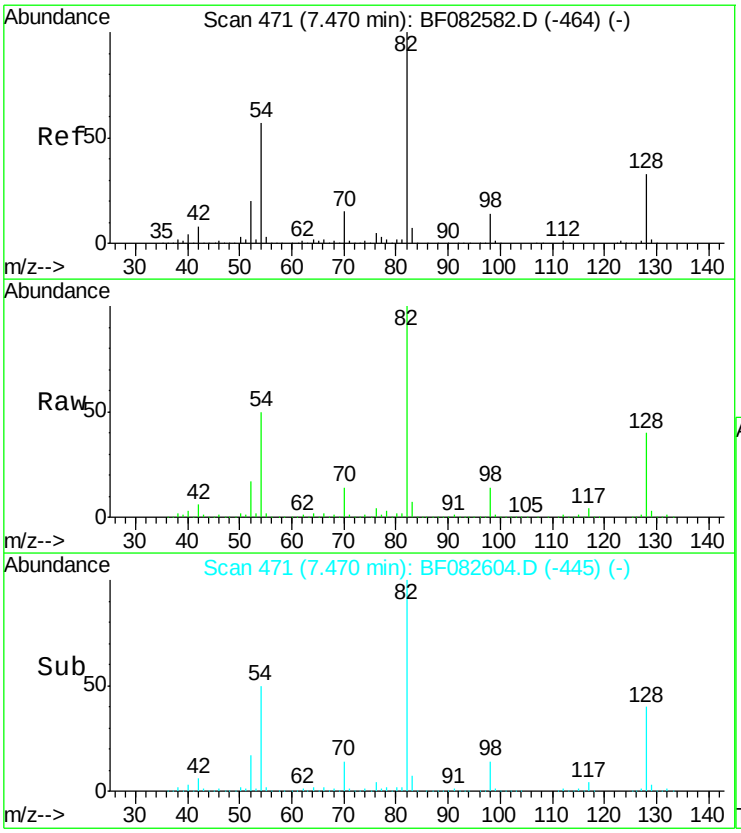
#22
Acetophenone
Concen: 5.22 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion:105 Resp: 114029

Ion	Ratio	Lower	Upper
105	100		
71	1.1	5.6	8.4#
51	6.6	24.9	37.3#
120	2.5	15.8	23.8#

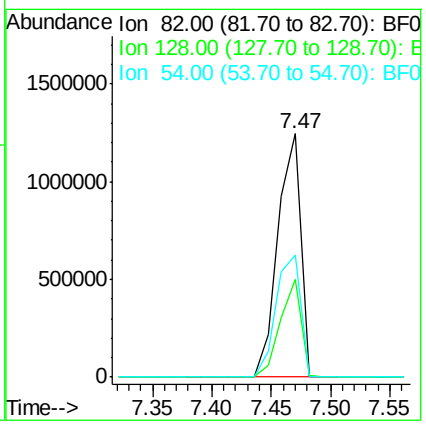


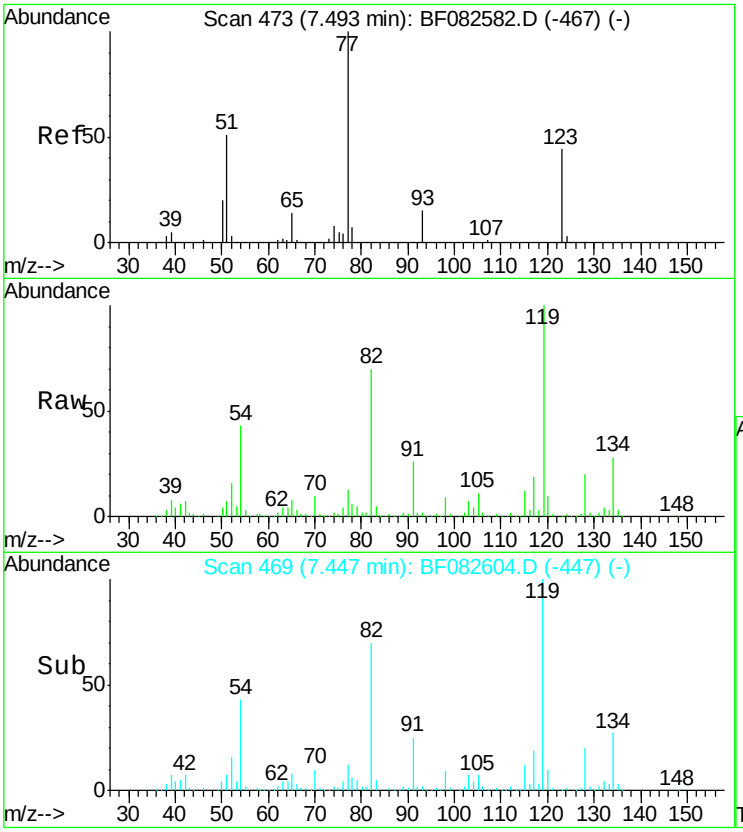


#23
Nitrobenzene-d5
Concen: 90.41 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Tgt Ion: 82 Resp: 1642621

Ion	Ratio	Lower	Upper
82	100		
128	40.2	26.8	40.2
54	50.2	45.7	68.5



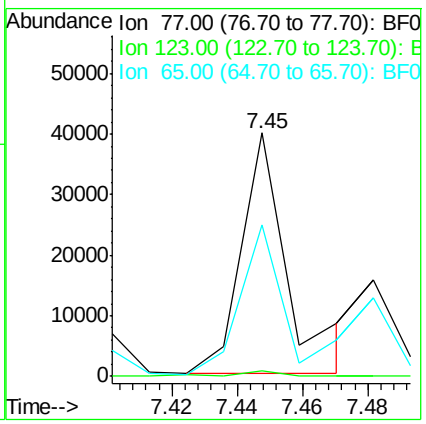


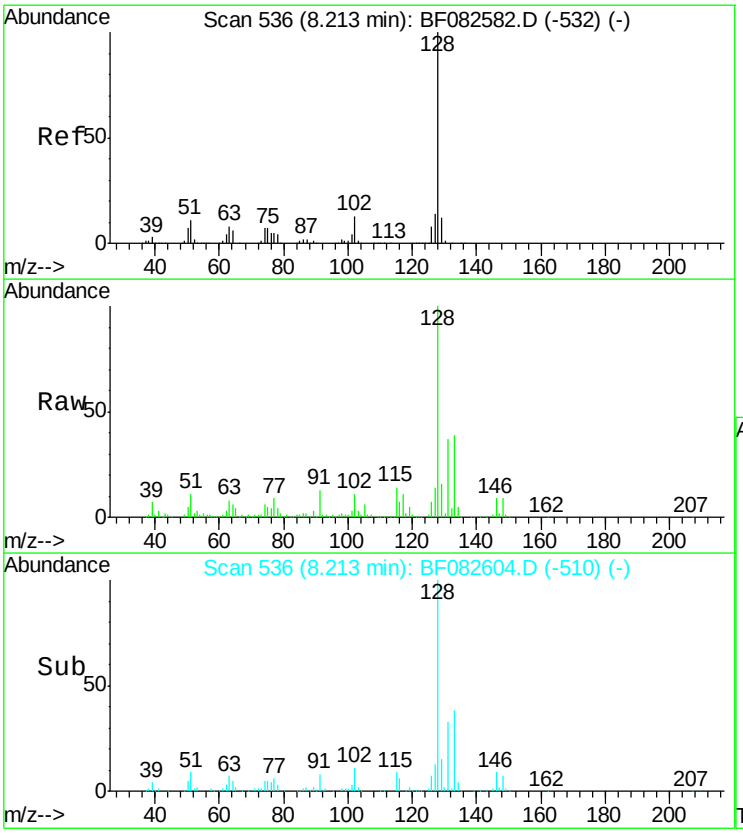
#24
Nitrobenzene
Concen: 2.15 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion: 77 Resp: 39492

Ion	Ratio	Lower	Upper
77	100		
123	2.0	36.4	54.6#
65	62.3	11.5	17.3#

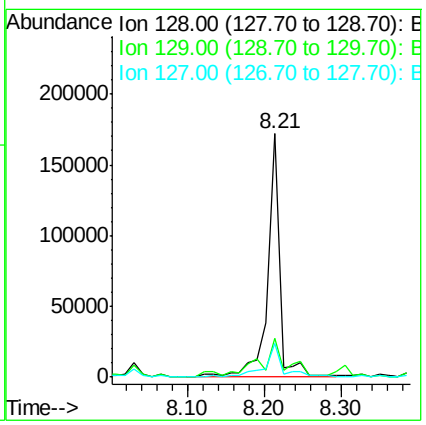


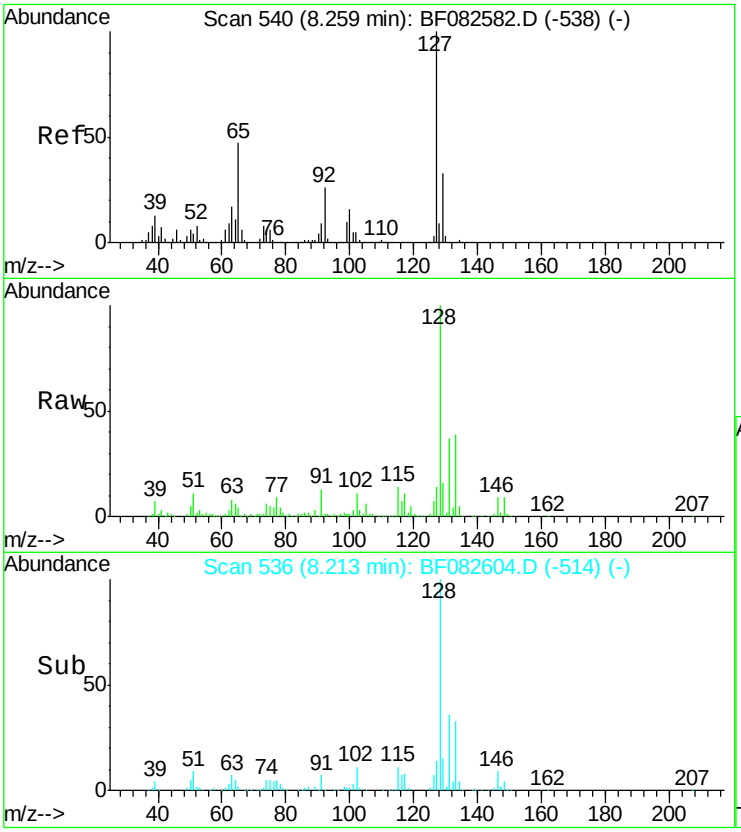


#31
Naphthalene
Concen: 4.69 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Tgt Ion:128 Resp: 188130

Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.5	14.3#
127	14.1	11.4	17.0



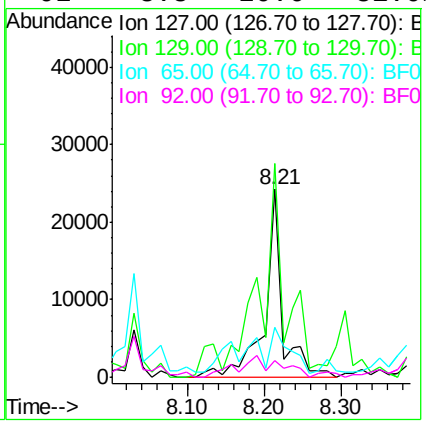


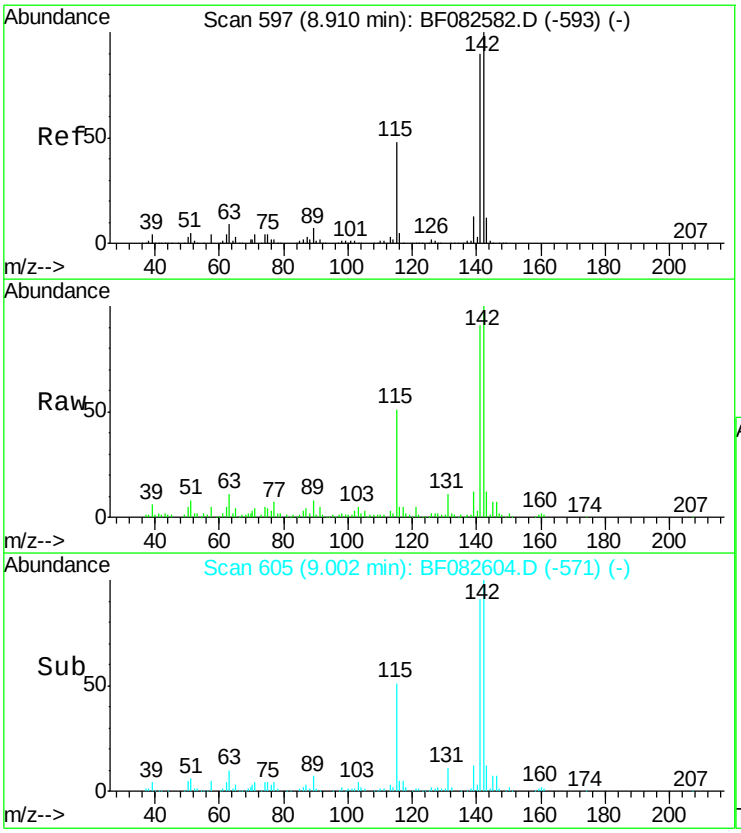
#33
4-Chloroaniline
Concen: 2.23 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion:127 Resp: 38240

Ion	Ratio	Lower	Upper
127	100		
129	113.6	26.3	39.5#
65	26.9	37.8	56.8#
92	8.8	20.6	31.0#

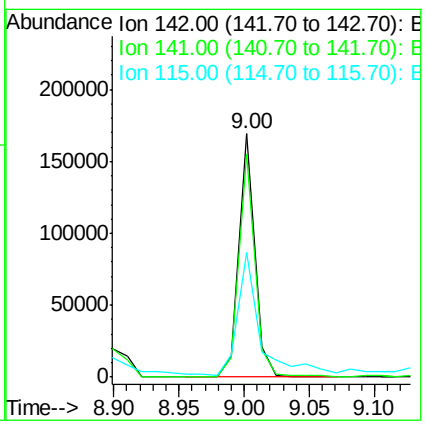


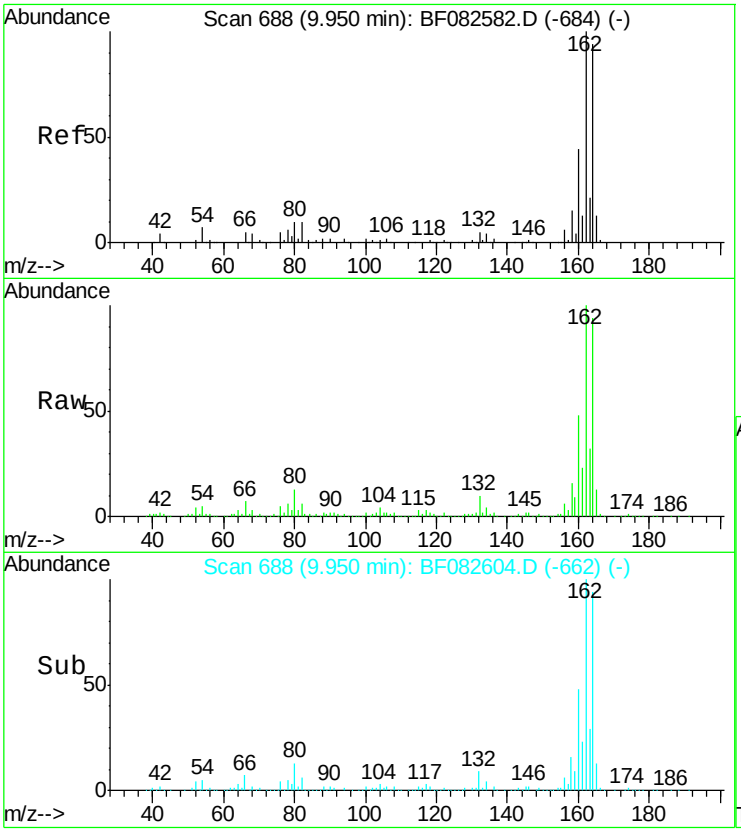


#37
2-Methylnaphthalene
Concen: 5.44 ng
RT: 9.00 min Scan# 605
Delta R.T. 0.09 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Tgt Ion:142 Resp: 141596

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.3	108.5
115	51.3	38.1	57.1



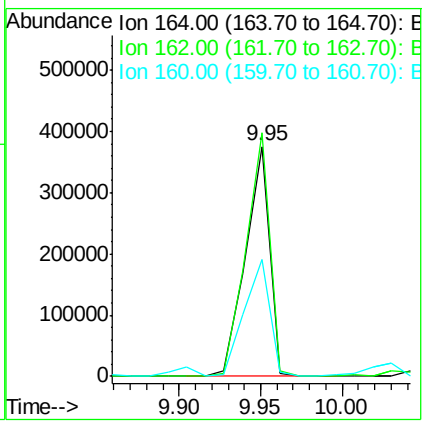


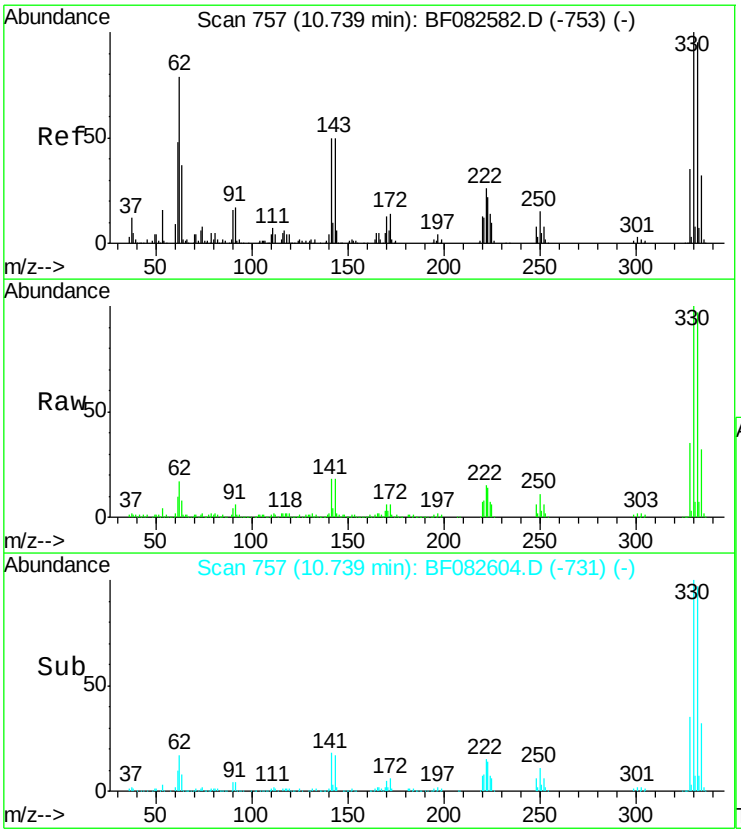
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion:164 Resp: 382541

Ion	Ratio	Lower	Upper
164	100		
162	106.0	84.9	127.3
160	50.7	37.5	56.3

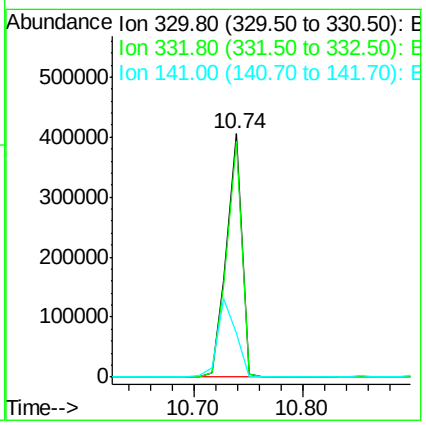


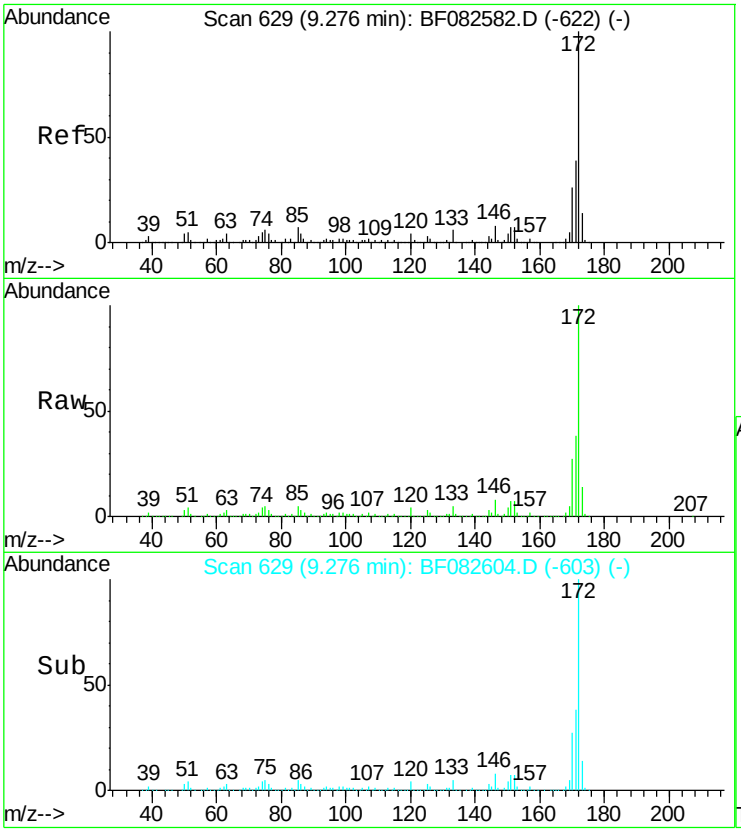


#41
2,4,6-Tribromophenol
Concen: 94.92 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Tgt Ion:330 Resp: 397375

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	38.5	41.2	61.8#



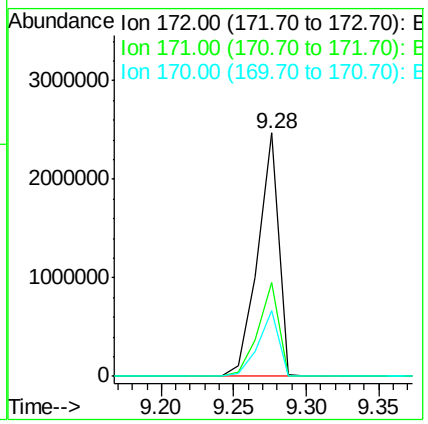


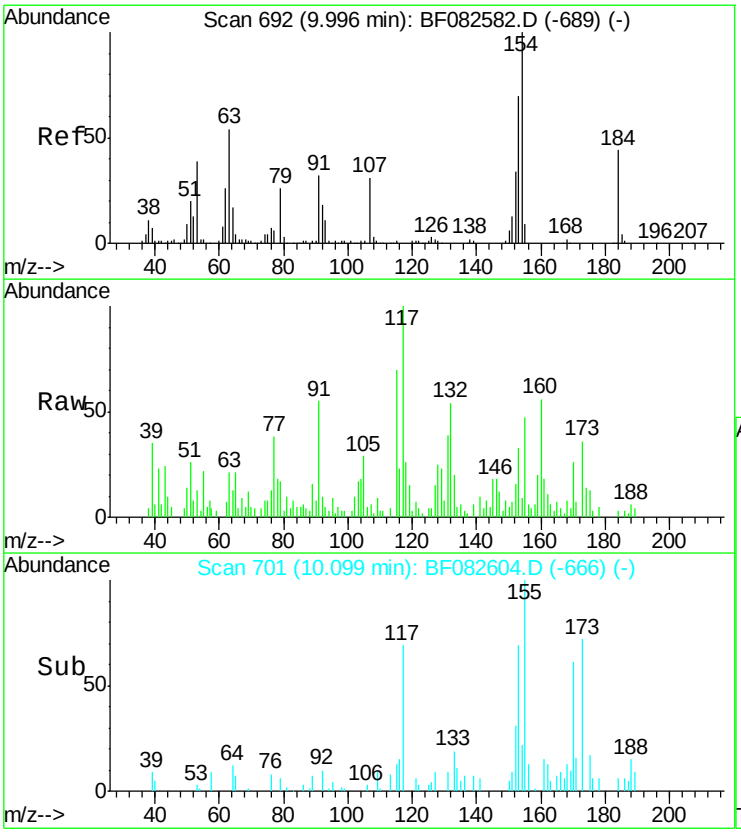
#44
2-Fluorobiphenyl
Concen: 91.67 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion:172 Resp: 2469873

Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	26.8	21.2	31.8

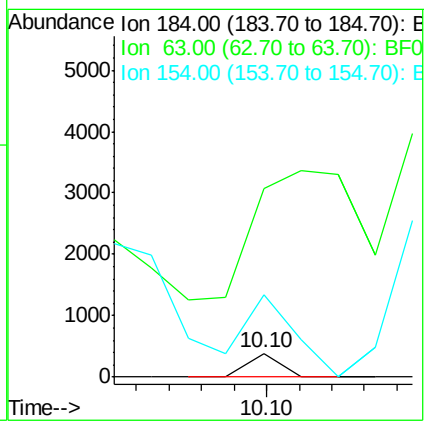


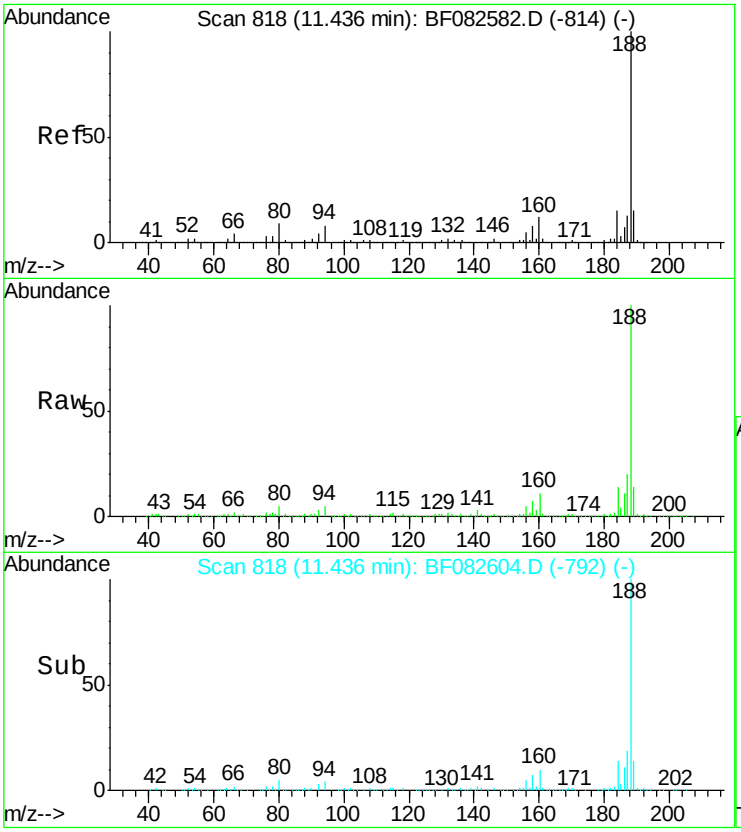


#53
2,4-Dinitrophenol
Concen: 6.76 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.10 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Tgt Ion:184 Resp: 267

Ion	Ratio	Lower	Upper
184	100		
63	792.0	98.6	148.0#
154	346.8	183.9	275.9#



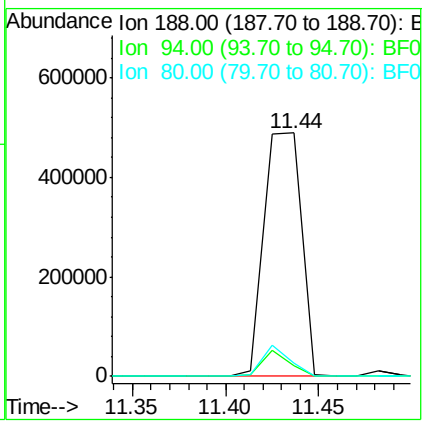


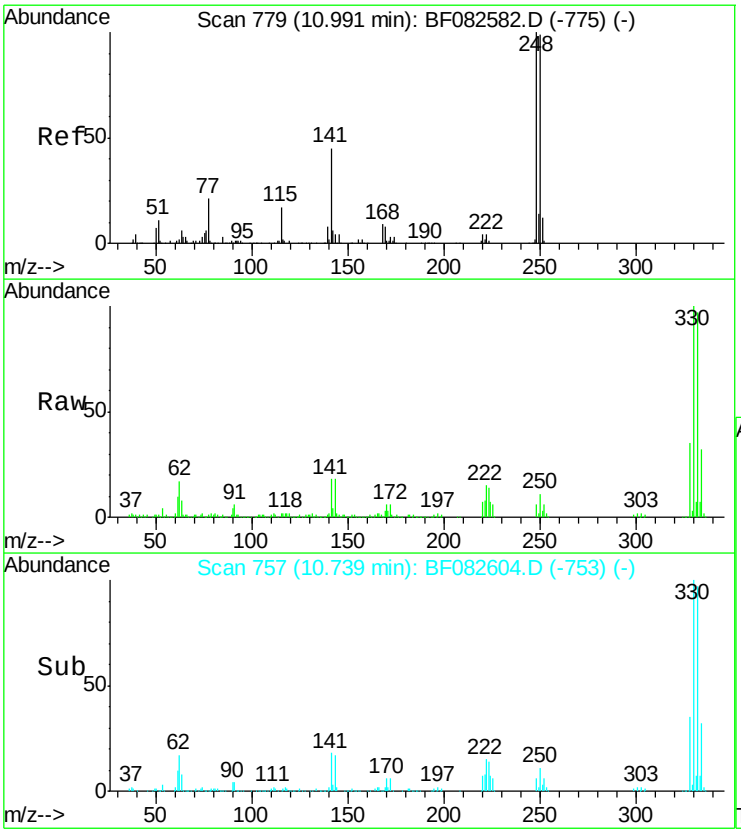
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion:188 Resp: 679951

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.1	9.1#
80	5.3	7.0	10.6#

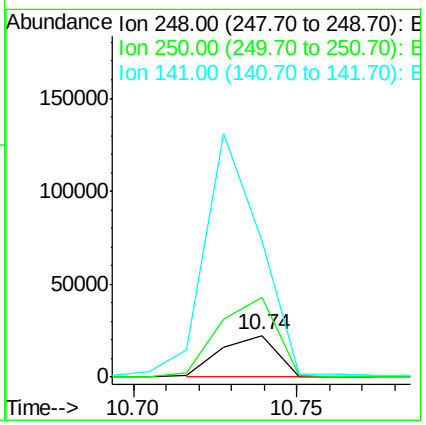


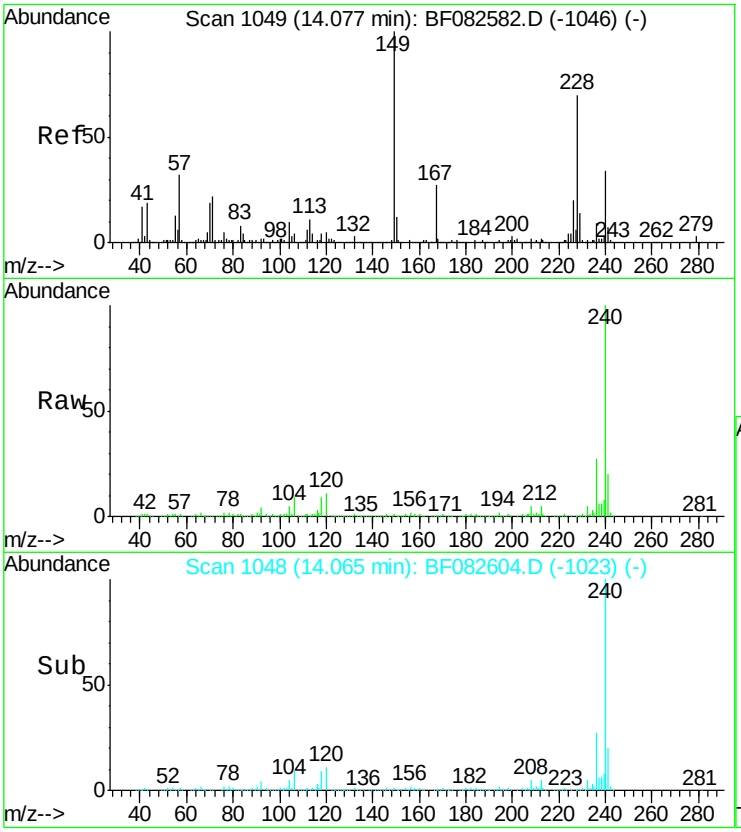


#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Tgt Ion:248 Resp: 26380

Ion	Ratio	Lower	Upper
248	100		
250	191.5	79.4	119.2#
141	327.3	36.3	54.5#



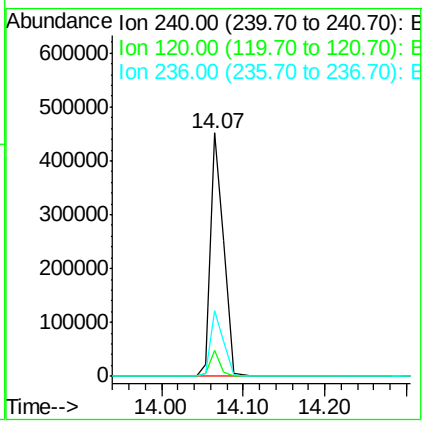


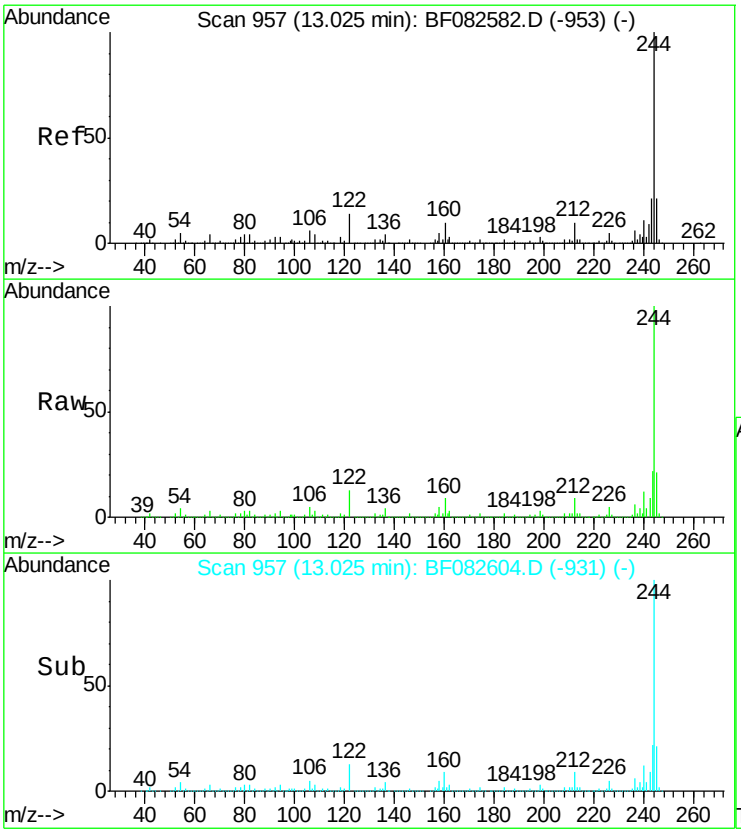
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion:240 Resp: 508231

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.9	16.3#
236	26.8	21.6	32.4

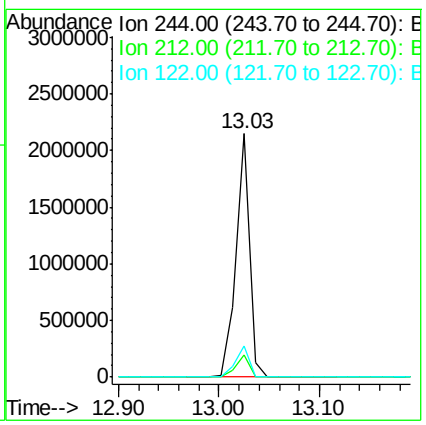


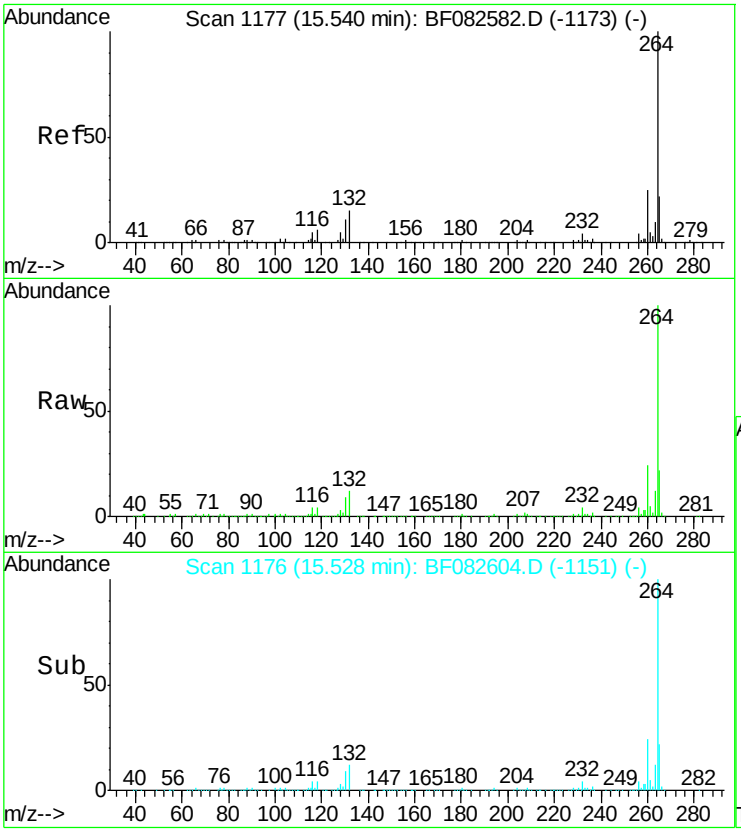


#78
Terphenyl-d14
Concen: 86.35 ng
RT: 13.03 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Tgt Ion:244 Resp: 2005230

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.6	11.4
122	12.7	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF082604.D
Acq: 31 Oct 2015 6:52

Instrument :
BNA_F
ClientSampleId :
030-IDW2(WATER)

Tgt Ion:264 Resp: 390153

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	21.6	17.4	26.0