Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
Data File : BF090685.D
Acq On : 20 Oct 2016 16:36
Operator : UM/SJ
Sample : H5315-04 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FO-TANK-SIDEWALL-SOUTH

Quant Time: Oct 20 18:01:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	221078	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	1038234	20.00	ng		-0.01
38) Acenaphthene-d10	9.93	164	451438	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	592126	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	512862	20.00	ng		-0.01
86) Perylene-d12	15.49	264	455012	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	770933	63.93	ng		-0.01
7) Phenol-d6	6.51	99	986190	55.04	ng		-0.02
23) Nitrobenzene-d5	7.45	82	602026	32.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	130397	32.40	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	864323	31.55	ng		-0.02
78) Terphenyl-d14	12.99	244	515795	23.42	ng		-0.02
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.23	42	740	7.28	ng	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	64043	5.21	ng	#	87
49) Dimethylphthalate	9.64	163	240742	8.22	ng	#	96
74) Fluoranthene	12.61	202	92633	2.91	ng		89
77) Pyrene	12.84	202	86026	2.53	ng		96
80) Benzo(a)anthracene	14.04	228	69698	2.39	ng		94
82) Chrysene	14.04	228	69698	2.48	ng		96
87) Benzo(b)fluoranthene	15.08	252	100294	3.37	ng	#	87
88) Benzo(k)fluoranthene	15.08	252	100294	3.13	ng	#	85

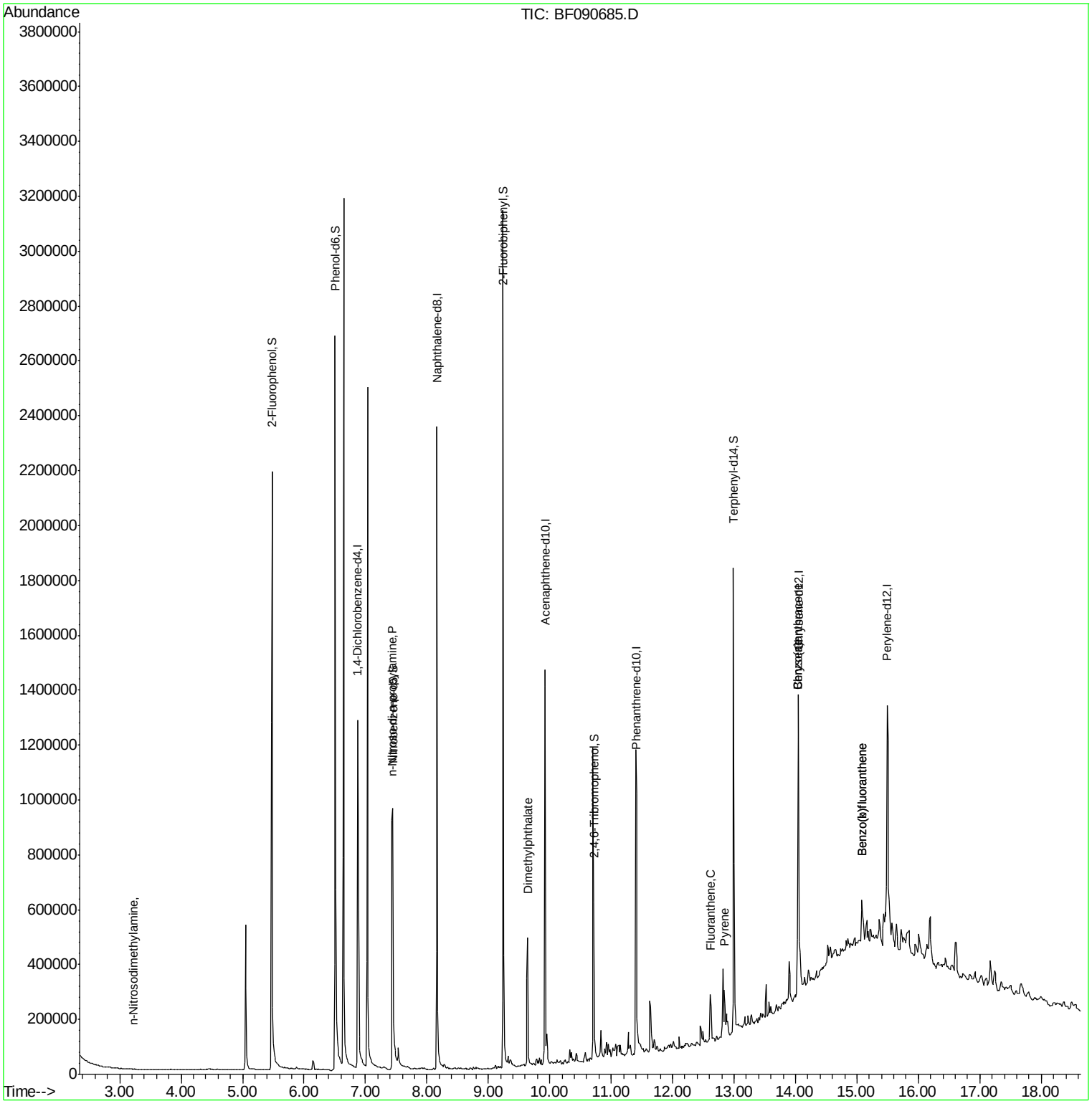
(#) = qualifier out of range (m) = manual integration (+) = signals summed

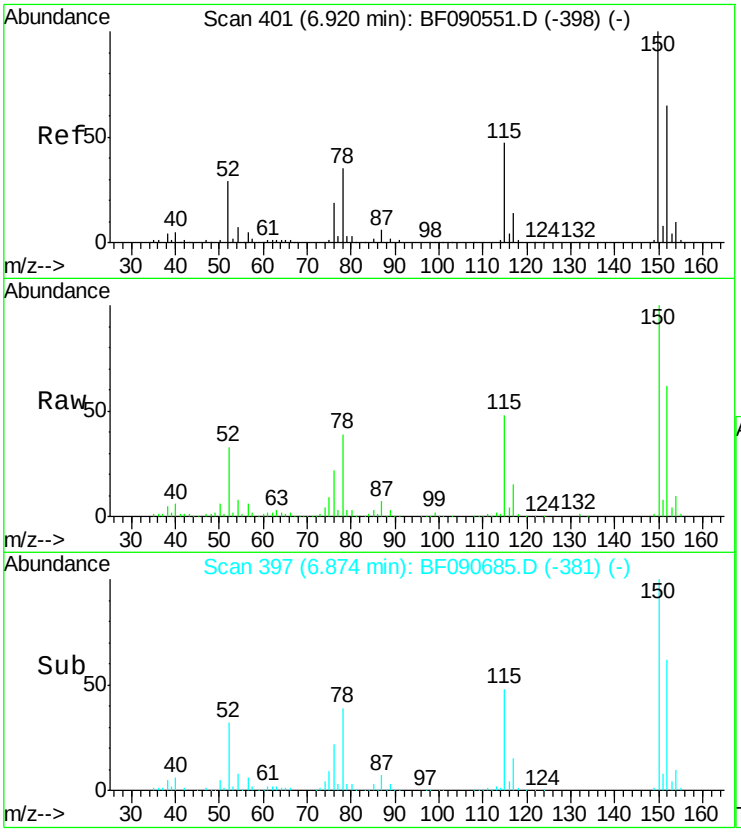
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
Data File : BF090685.D
Acq On : 20 Oct 2016 16:36
Operator : UM/SJ
Sample : H5315-04 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Quant Time: Oct 20 18:01:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration



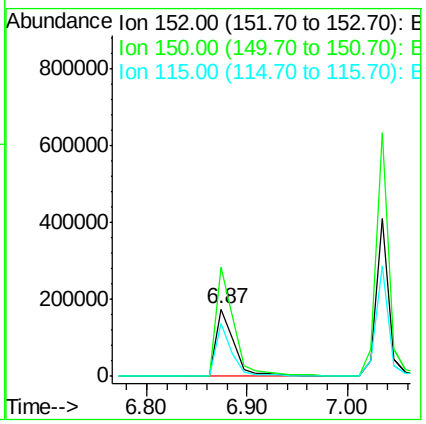


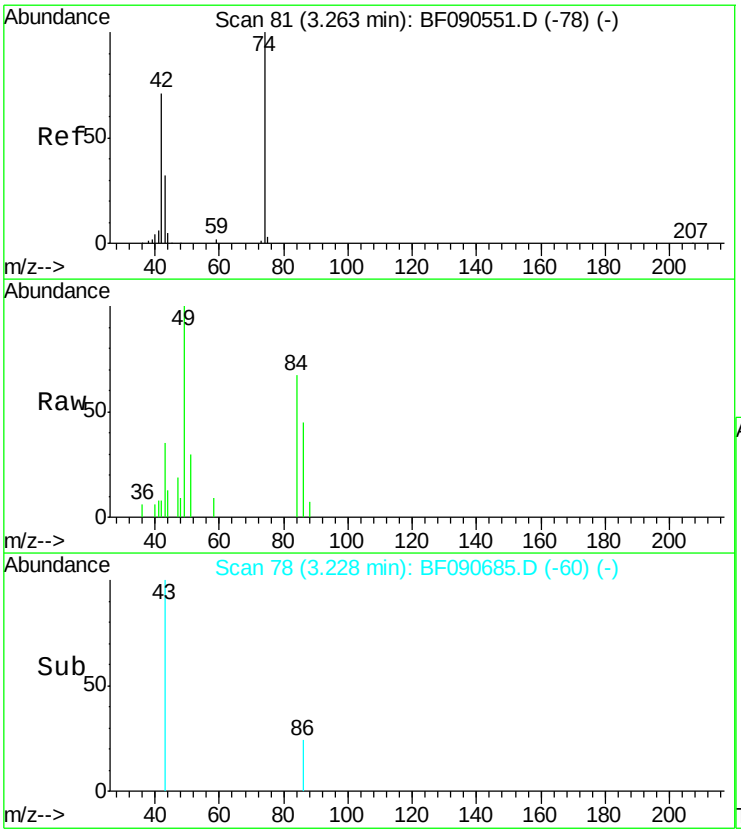
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tgt Ion:152 Resp: 221078

Ion	Ratio	Lower	Upper
152	100		
150	161.9	127.2	190.8
115	77.9	58.6	88.0

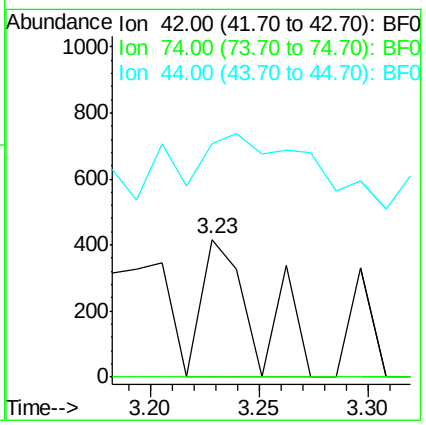


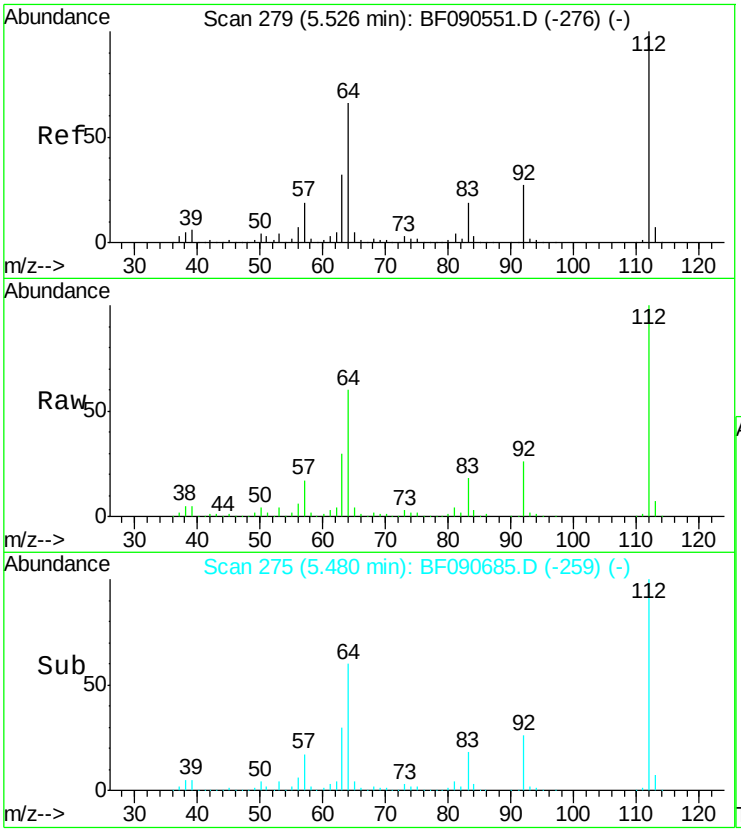


#4
n-Nitrosodimethylamine
Concen: 7.28 ng
RT: 3.23 min Scan# 78
Delta R.T. 0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Tgt Ion: 42 Resp: 740

Ion	Ratio	Lower	Upper
42	100		
74	0.0	113.3	169.9#
44	169.5	6.0	9.0#



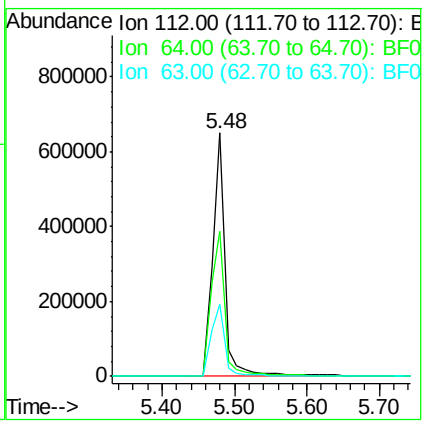


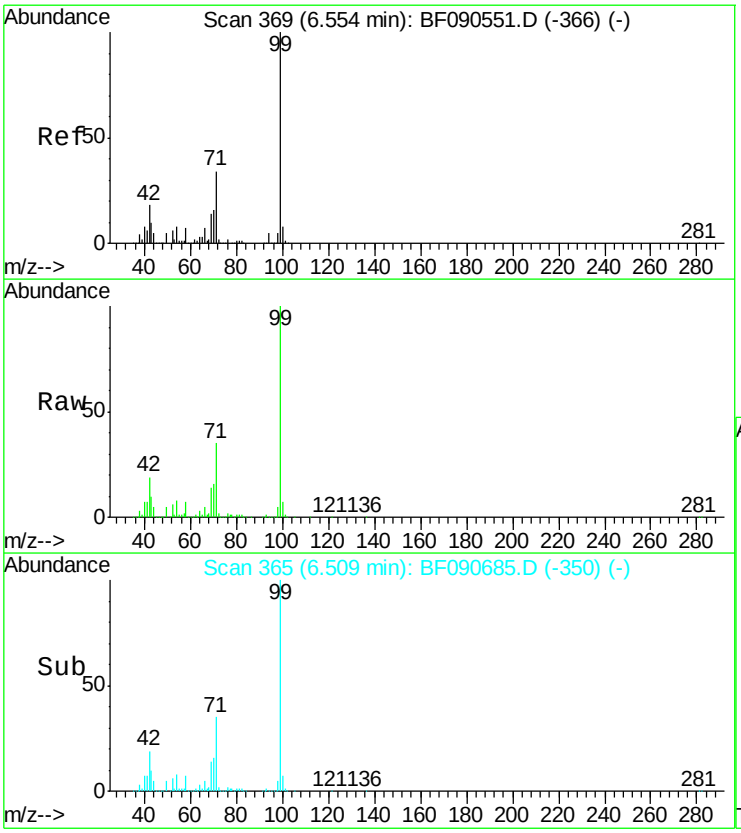
#5
2-Fluorophenol
Concen: 63.93 ng
RT: 5.48 min Scan# 275
Delta R.T. -0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tgt Ion:112 Resp: 770933

Ion	Ratio	Lower	Upper
112	100		
64	59.8	52.6	78.8
63	29.7	26.0	39.0

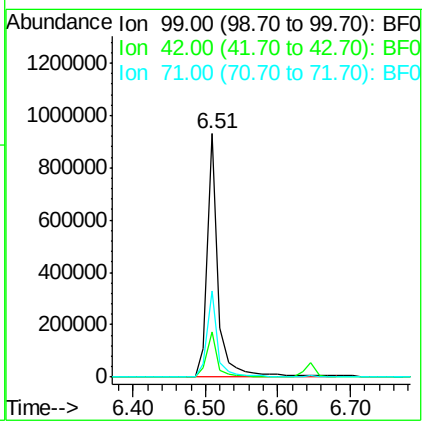


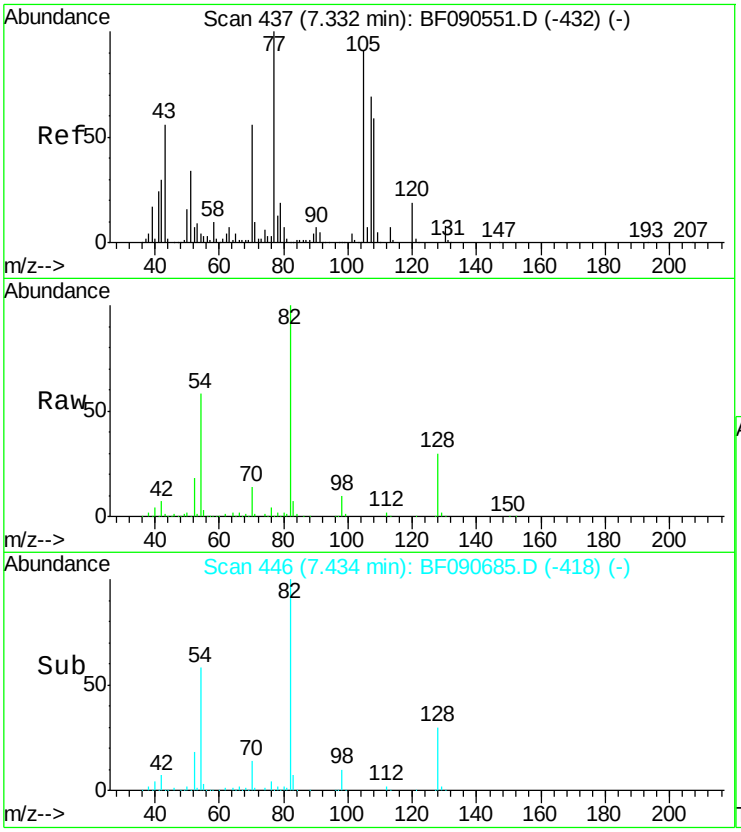


#7
Phenol-d6
Concen: 55.04 ng
RT: 6.51 min Scan# 365
Delta R.T. -0.02 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Tgt Ion: 99 Resp: 986190

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.7	22.1
71	35.5	27.6	41.4



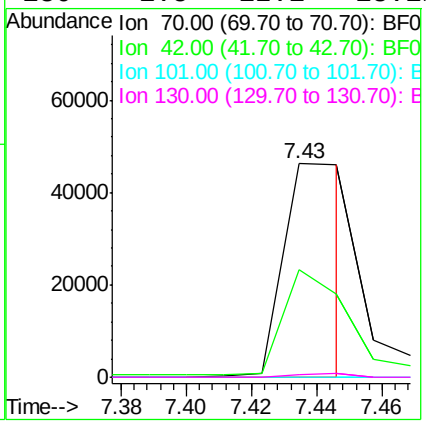


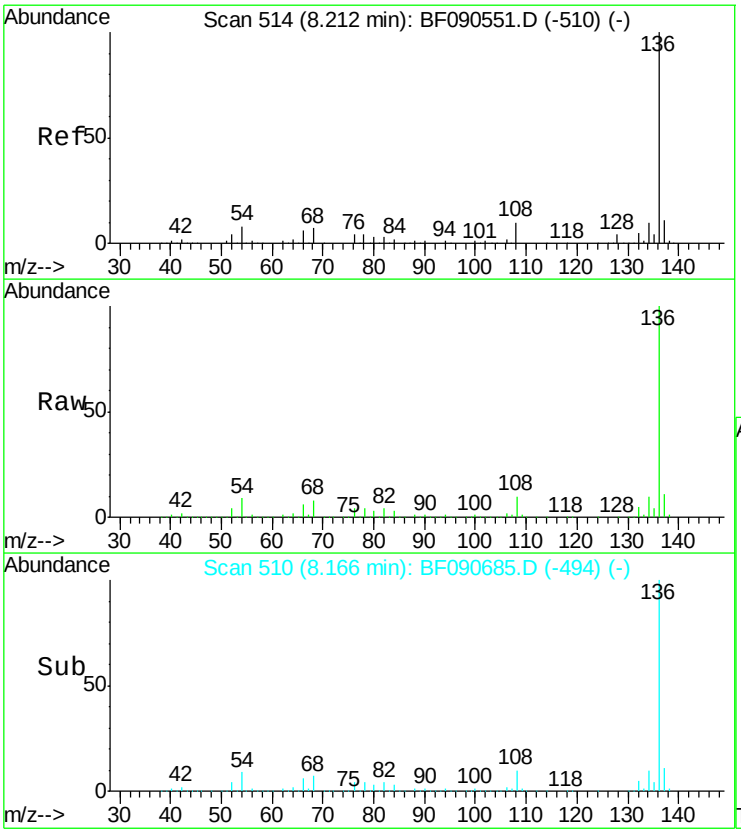
#19
n-Nitroso-di-n-propylamine
Concen: 5.21 ng
RT: 7.43 min Scan# 446
Delta R.T. 0.13 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tgt Ion: 70 Resp: 64043

Ion	Ratio	Lower	Upper
70	100		
42	50.2	43.4	65.0
101	0.0	6.4	9.6#
130	1.5	12.1	18.1#

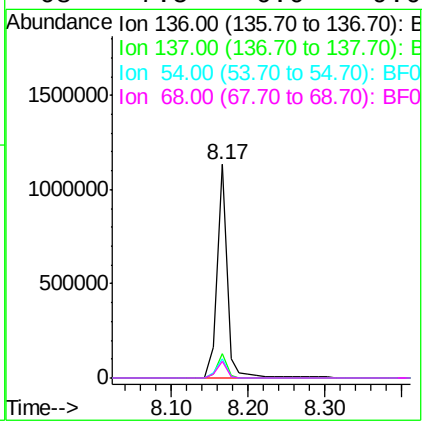


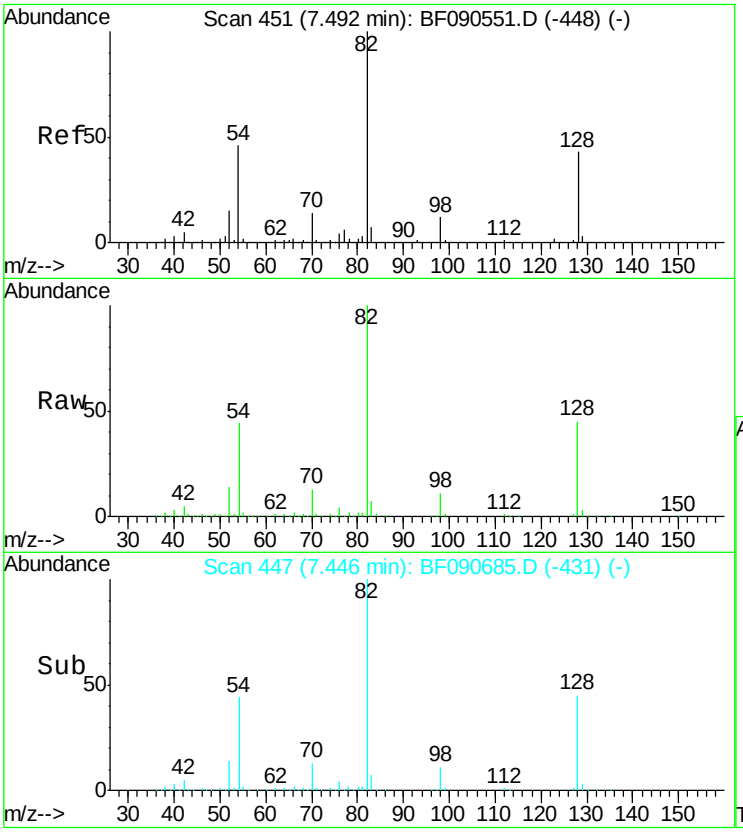


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Tgt Ion:136 Resp: 1038234

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.7	6.8	10.2
68	7.5	6.0	9.0



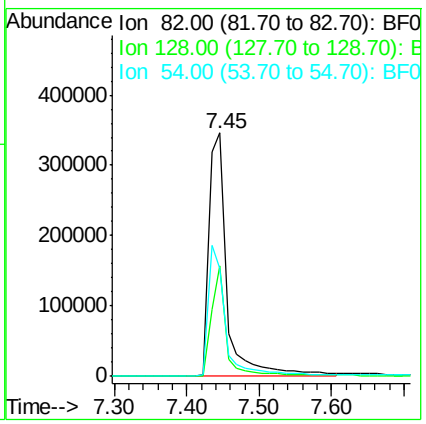


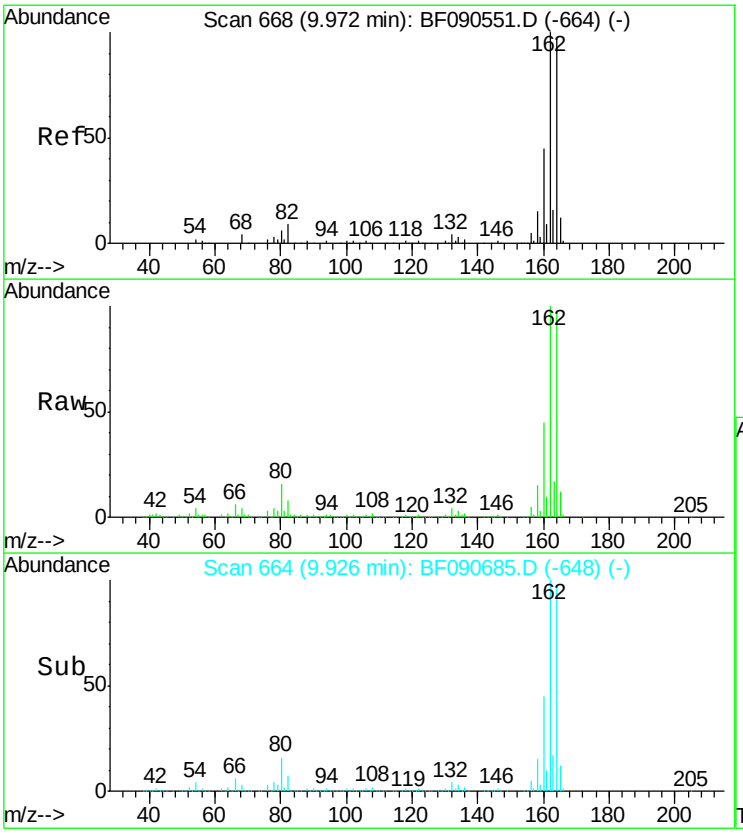
#23
Nitrobenzene-d5
Concen: 32.21 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tgt Ion: 82 Resp: 602026

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.3	51.5
54	44.5	37.0	55.6

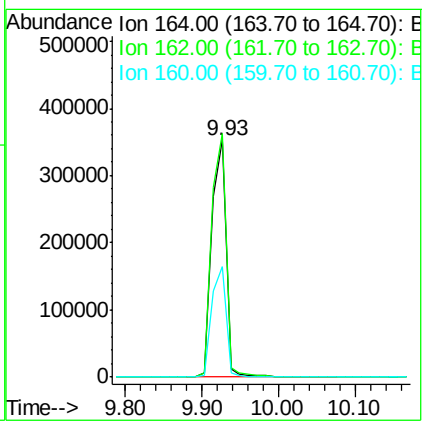


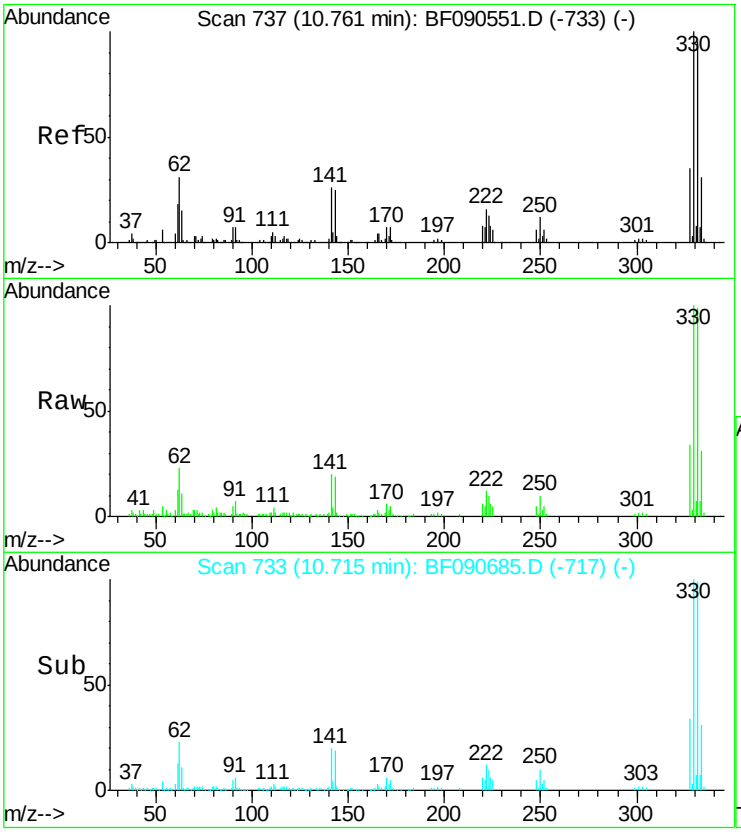


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Tgt Ion:164 Resp: 451438

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.4
160	46.8	36.6	55.0



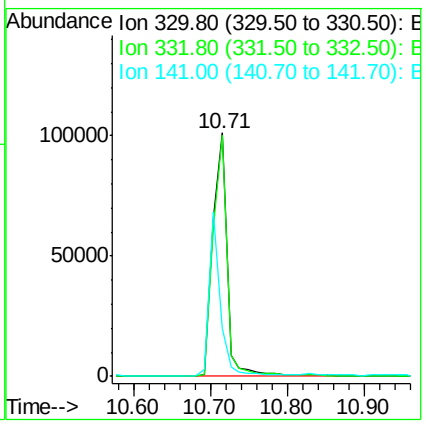


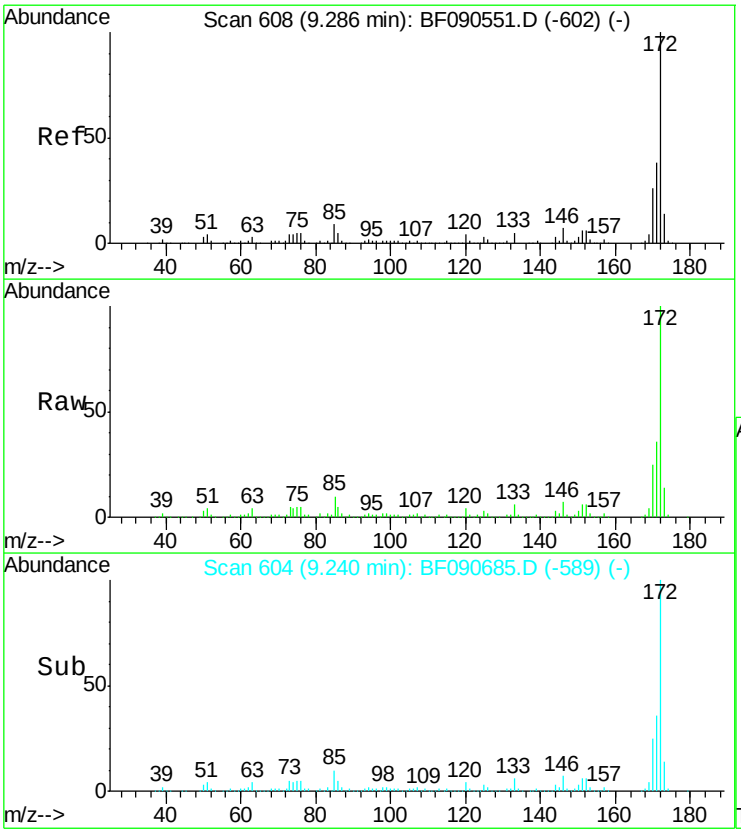
#41
2,4,6-Tribromophenol
Concen: 32.40 ng
RT: 10.71 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tgt Ion:330 Resp: 130397

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.2	114.2
141	54.4	31.4	47.2#

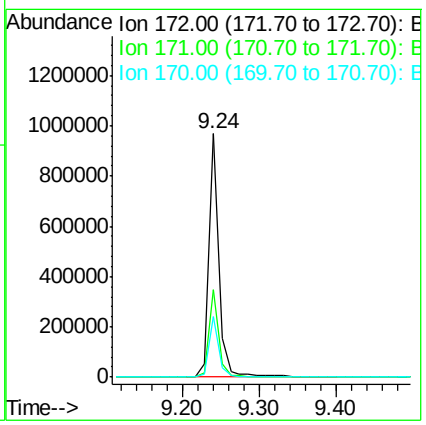


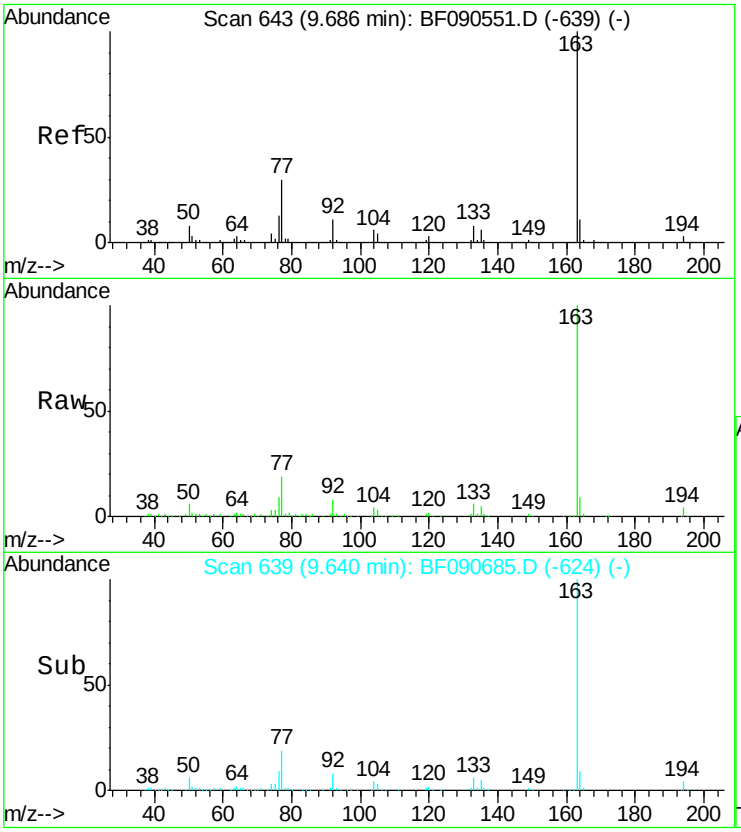


#44
2-Fluorobiphenyl
Concen: 31.55 ng
RT: 9.24 min Scan# 604
Delta R.T. -0.02 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Tgt Ion:172 Resp: 864323

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.1	45.1
170	25.0	20.6	30.8



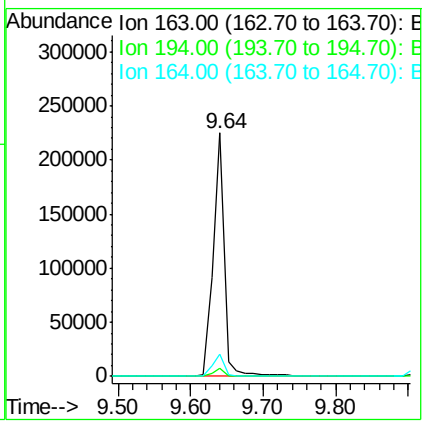


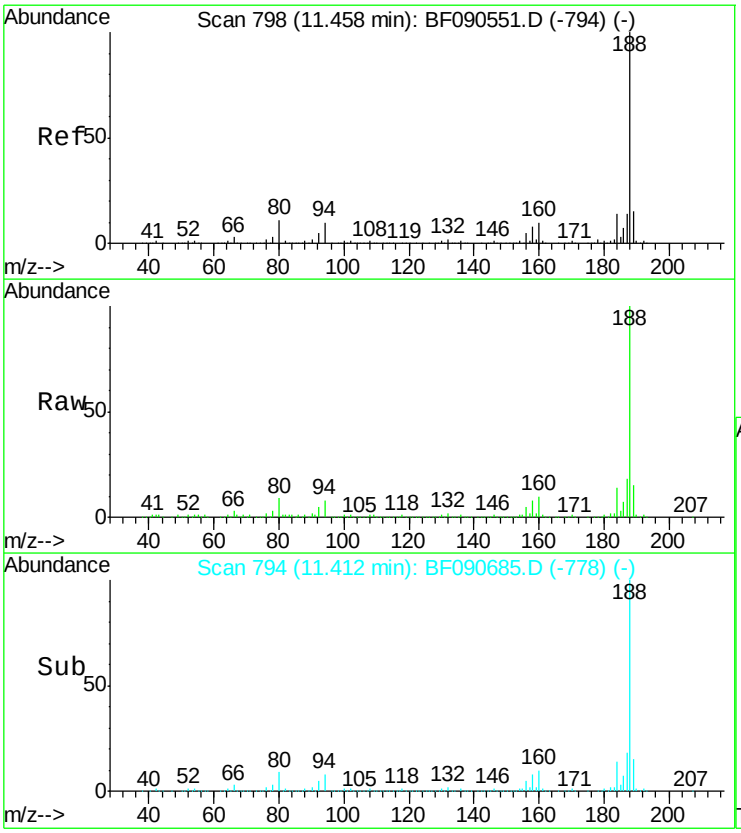
#49
Dimethylphthalate
Concen: 8.22 ng
RT: 9.64 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tgt Ion:163 Resp: 240742

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.3	3.5#
164	9.2	8.6	13.0

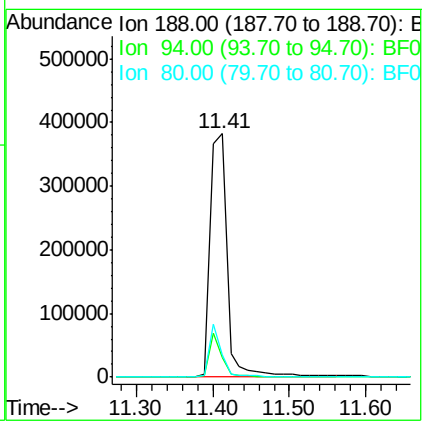


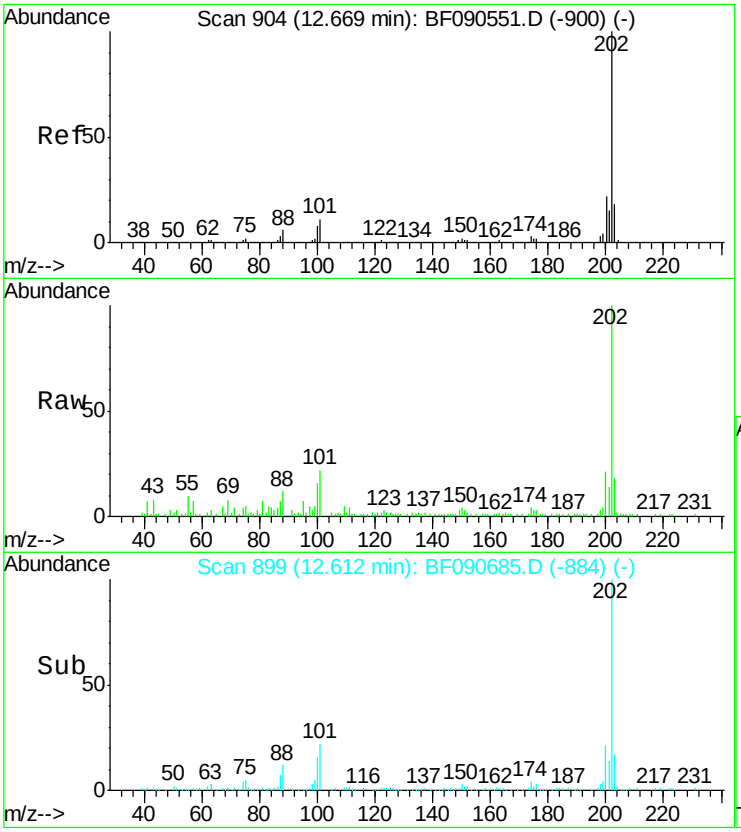


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Tgt Ion:188 Resp: 592126

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.7	11.5
80	9.3	8.6	12.8



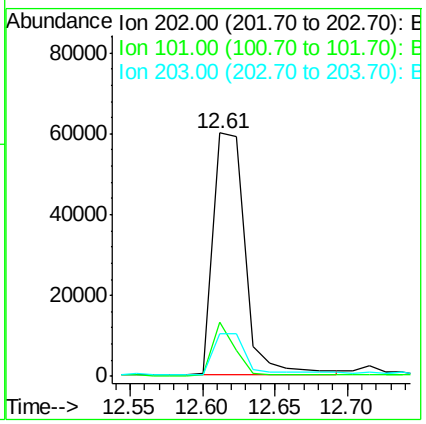


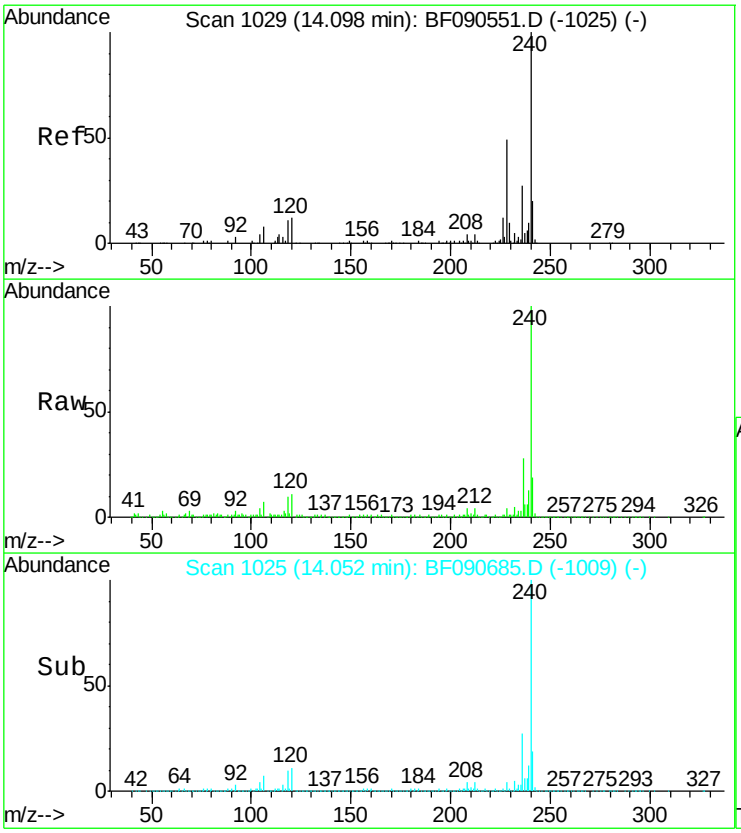
#74
Fluoranthene
Concen: 2.91 ng
RT: 12.61 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tgt Ion:202 Resp: 92633

Ion	Ratio	Lower	Upper
202	100		
101	22.1	0.0	31.1
203	17.7	0.0	38.0

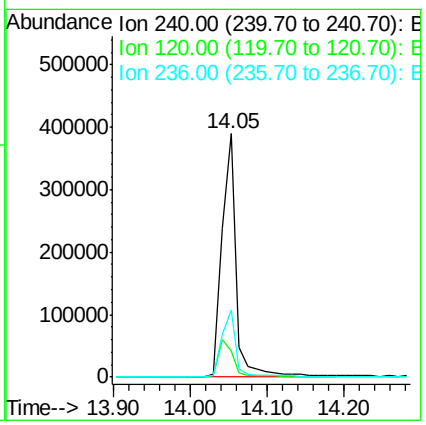


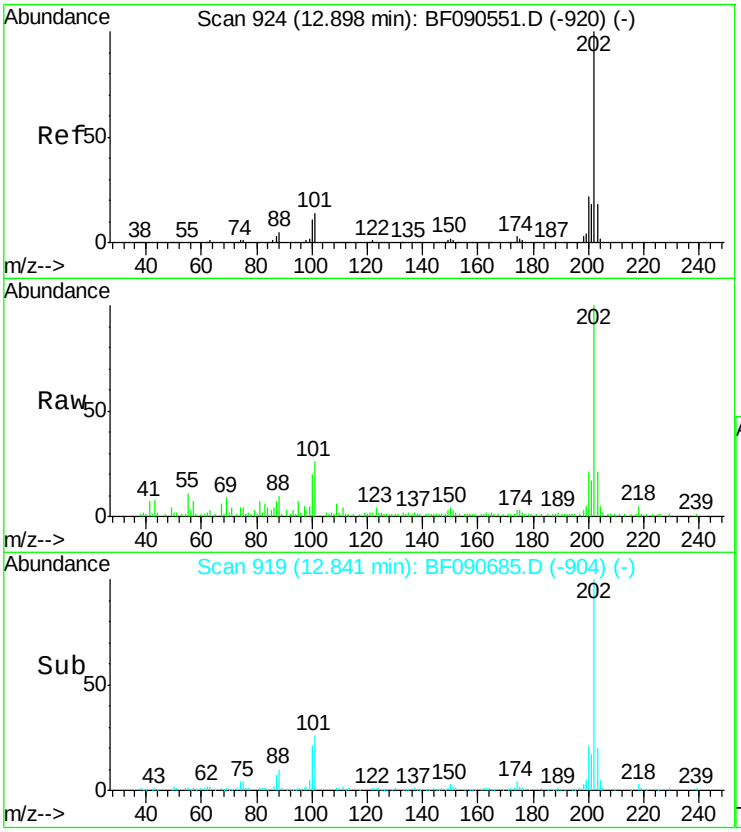


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Tgt Ion:240 Resp: 512862

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.8	14.8
236	27.5	21.7	32.5



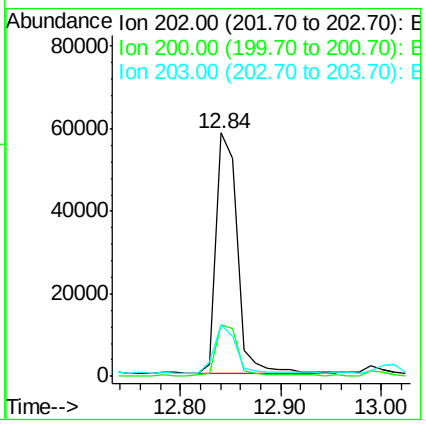


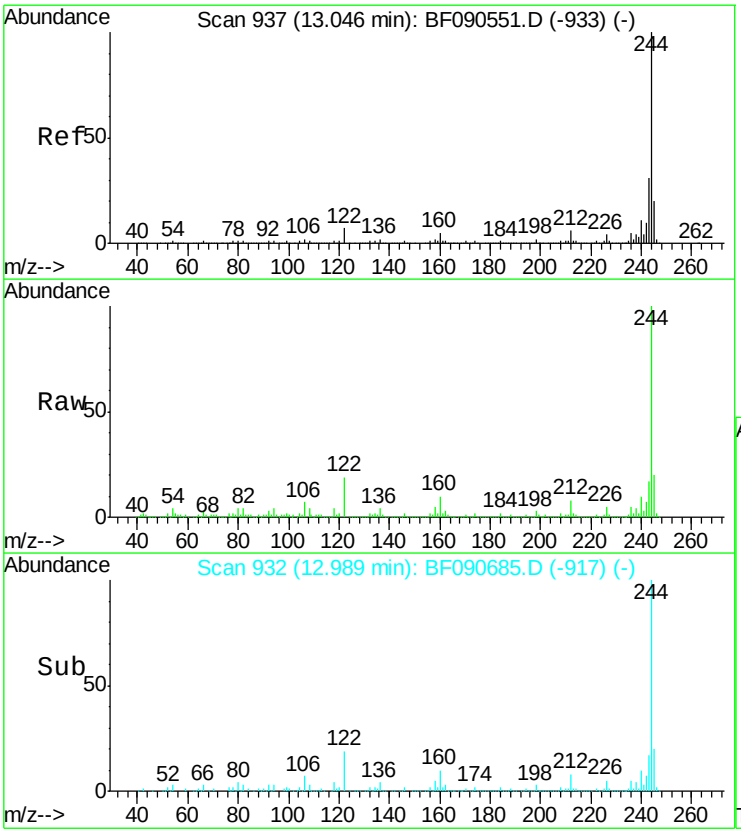
#77
Pyrene
Concen: 2.53 ng
RT: 12.84 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tgt Ion:202 Resp: 86026

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	21.1	14.6	21.8

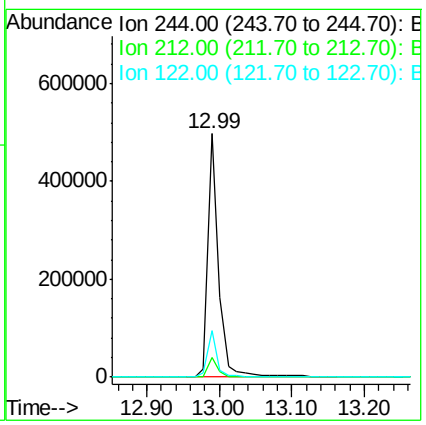


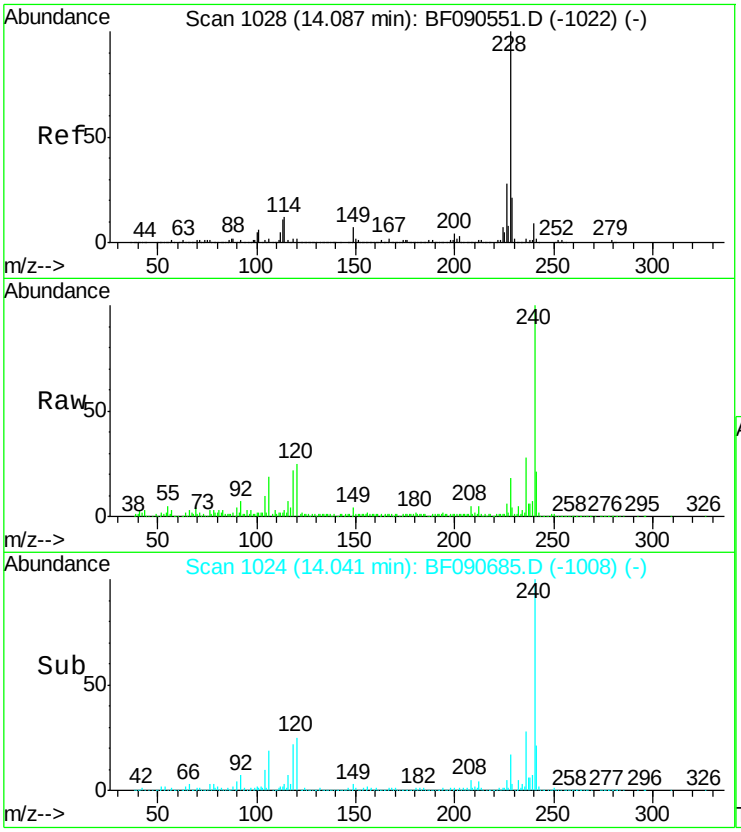


#78
Terphenyl-d14
Concen: 23.42 ng
RT: 12.99 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Tgt Ion:244 Resp: 515795

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.0	7.4#
122	19.0	5.6	8.4#



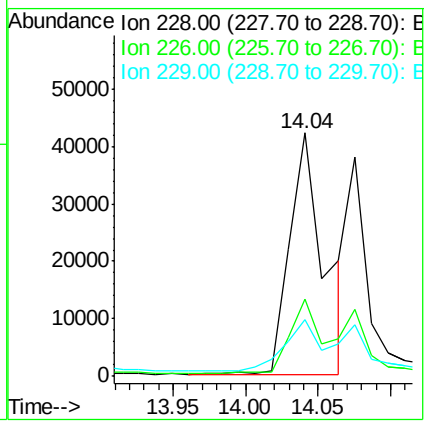


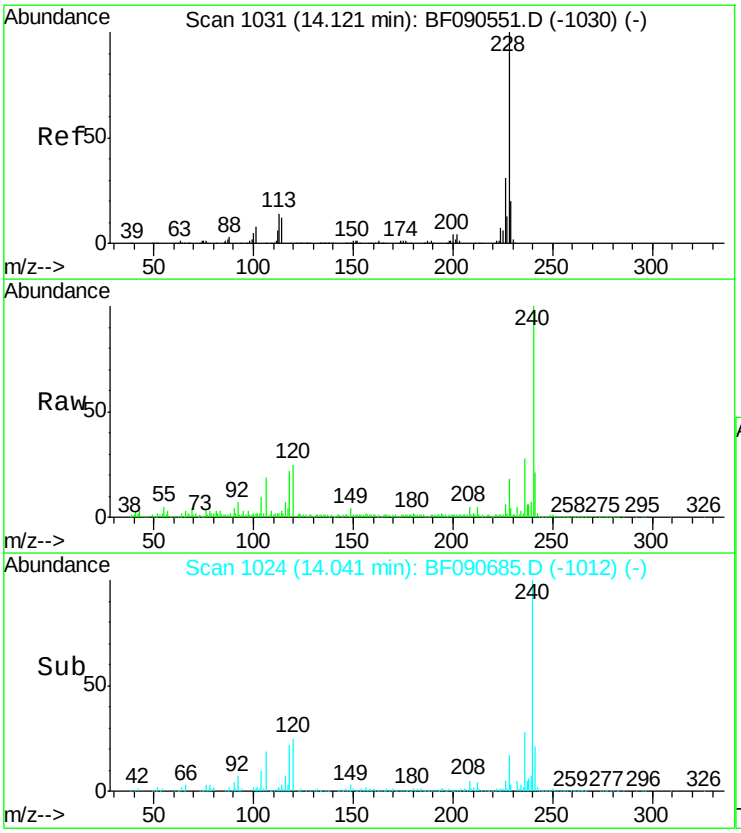
#80
Benzo(a)anthracene
Concen: 2.39 ng
RT: 14.04 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tgt Ion:228 Resp: 69698

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.8	34.2
229	23.4	16.6	25.0

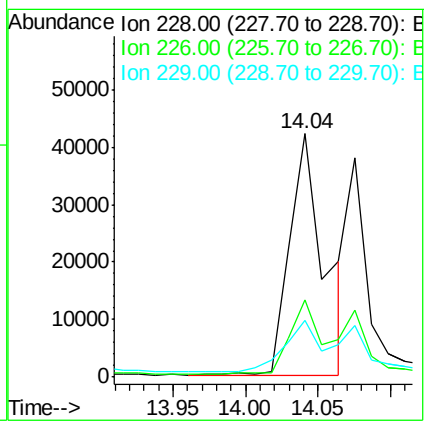


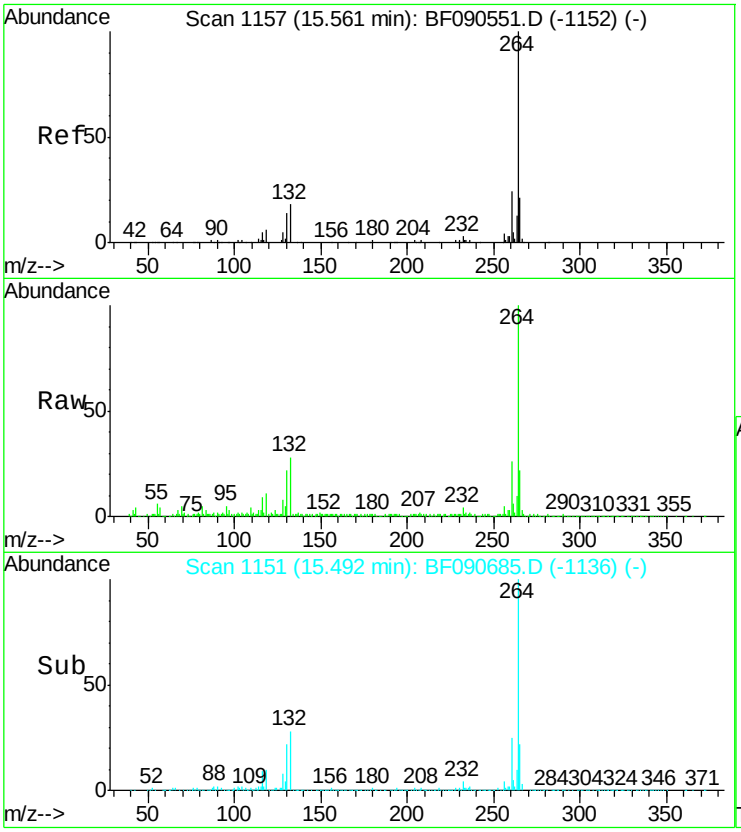


#82
Chrysene
Concen: 2.48 ng
RT: 14.04 min Scan# 1024
Delta R.T. -0.06 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Tgt Ion:228 Resp: 69698

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.8	37.2
229	23.4	16.2	24.4



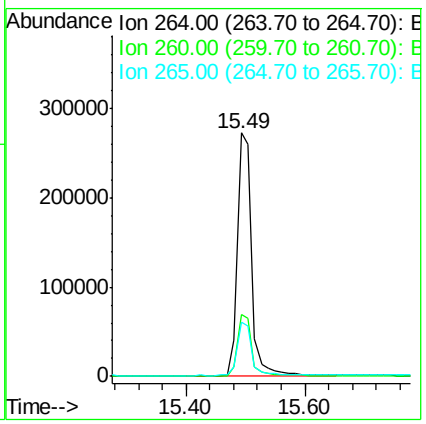


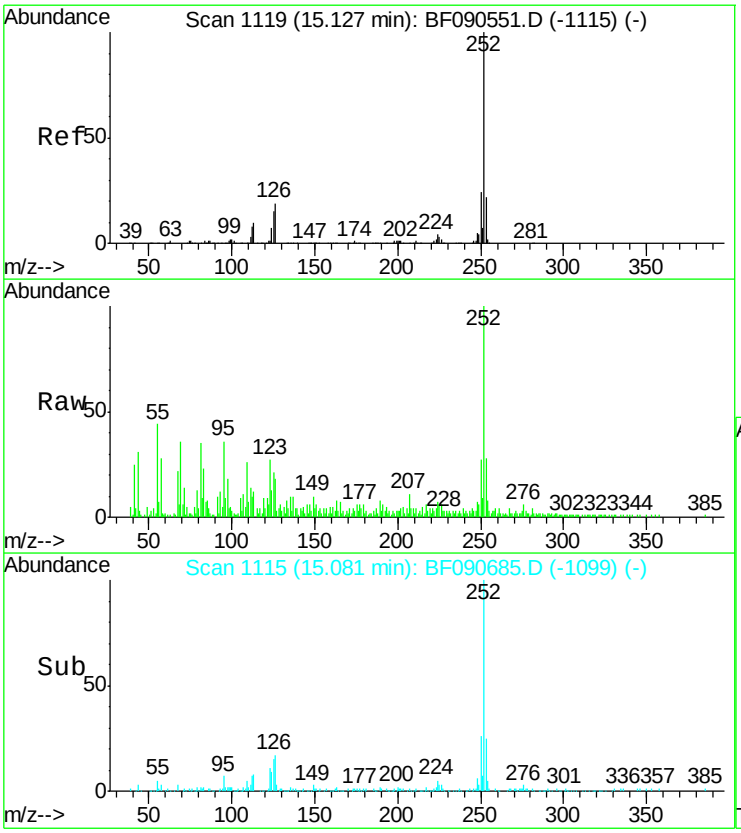
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tgt Ion:264 Resp: 455012

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.3	28.9
265	22.2	16.7	25.1

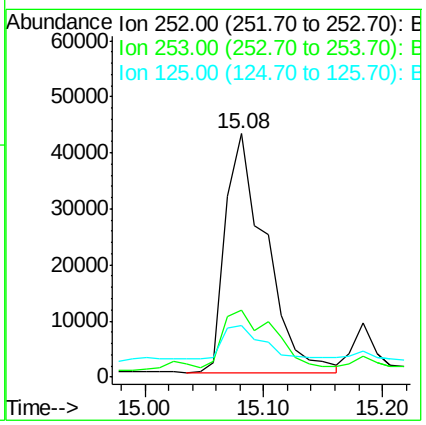


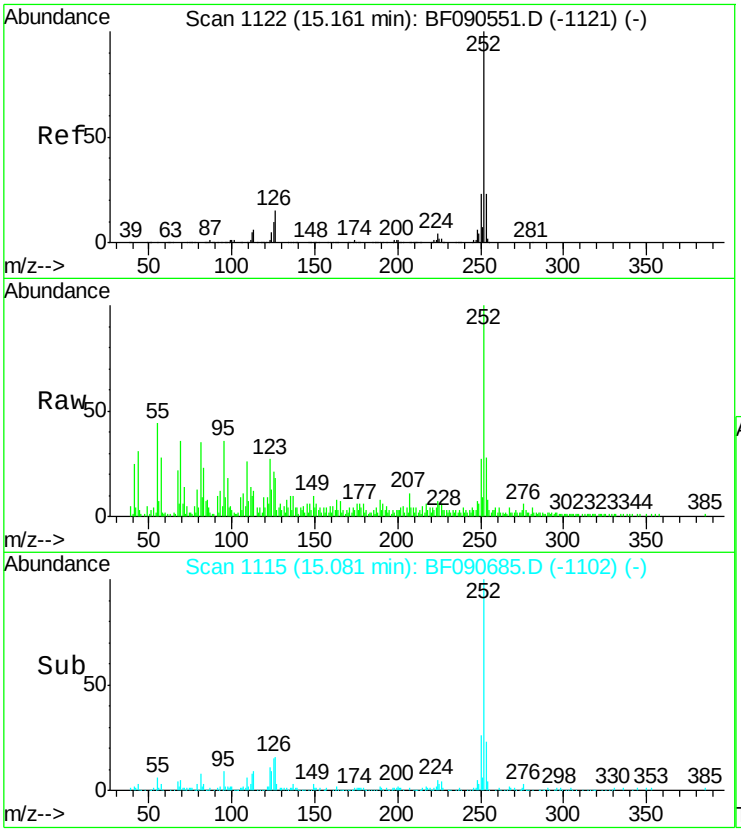


#87
Benzo(b)fluoranthene
Concen: 3.37 ng
RT: 15.08 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Tgt Ion:252 Resp: 100294

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.8#
125	21.4	12.0	18.0#





#88
Benzo(k)fluoranthene
Concen: 3.13 ng
RT: 15.08 min Scan# 1115
Delta R.T. -0.05 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tgt Ion:252 Resp: 100294

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.0	27.0#
125	21.4	10.0	15.0#