Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B046-6-9

Quant Time: Sep 30 00:59:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	118153	20.00	ng		-0.02
21) Naphthalene-d8	7.75	136	460565	20.00	ng		-0.02
38) Acenaphthene-d10	9.50	164	224408	20.00	ng		-0.01
63) Phenanthrene-d10	10.97	188	289208	20.00	ng		-0.01
75) Chrysene-d12	13.59	240	219009	20.00	ng		-0.01
86) Perylene-d12	14.90	264	170195	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	967107	133.42	ng		0.00
7) Phenol-d6	6.12	99	1268288	141.68	ng		-0.01
23) Nitrobenzene-d5	7.04	82	805286	101.36	ng		-0.02
41) 2,4,6-Tribromophenol	10.28	330	203205	105.55	ng		-0.01
44) 2-Fluorobiphenyl	8.83	172	936489	81.93	ng		-0.02
78) Terphenyl-d14	12.55	244	517791	60.02	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.14	94	27140	2.56	ng		83
15) Benzyl Alcohol	6.62	79	11608	2.17	ng	#	51
49) Dimethylphthalate	9.24	163	682605	47.76	ng		100
50) 2,6-Dinitrotoluene	9.24	165	7810	2.45	ng	#	59
89) Benzo(a)pyrene	14.94	252	25135	2.84	ng	#	90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
Data File : BF090302.D
Acq On : 29 Sep 2016 21:05
Operator : UM/SJ
Sample : H4998-13
Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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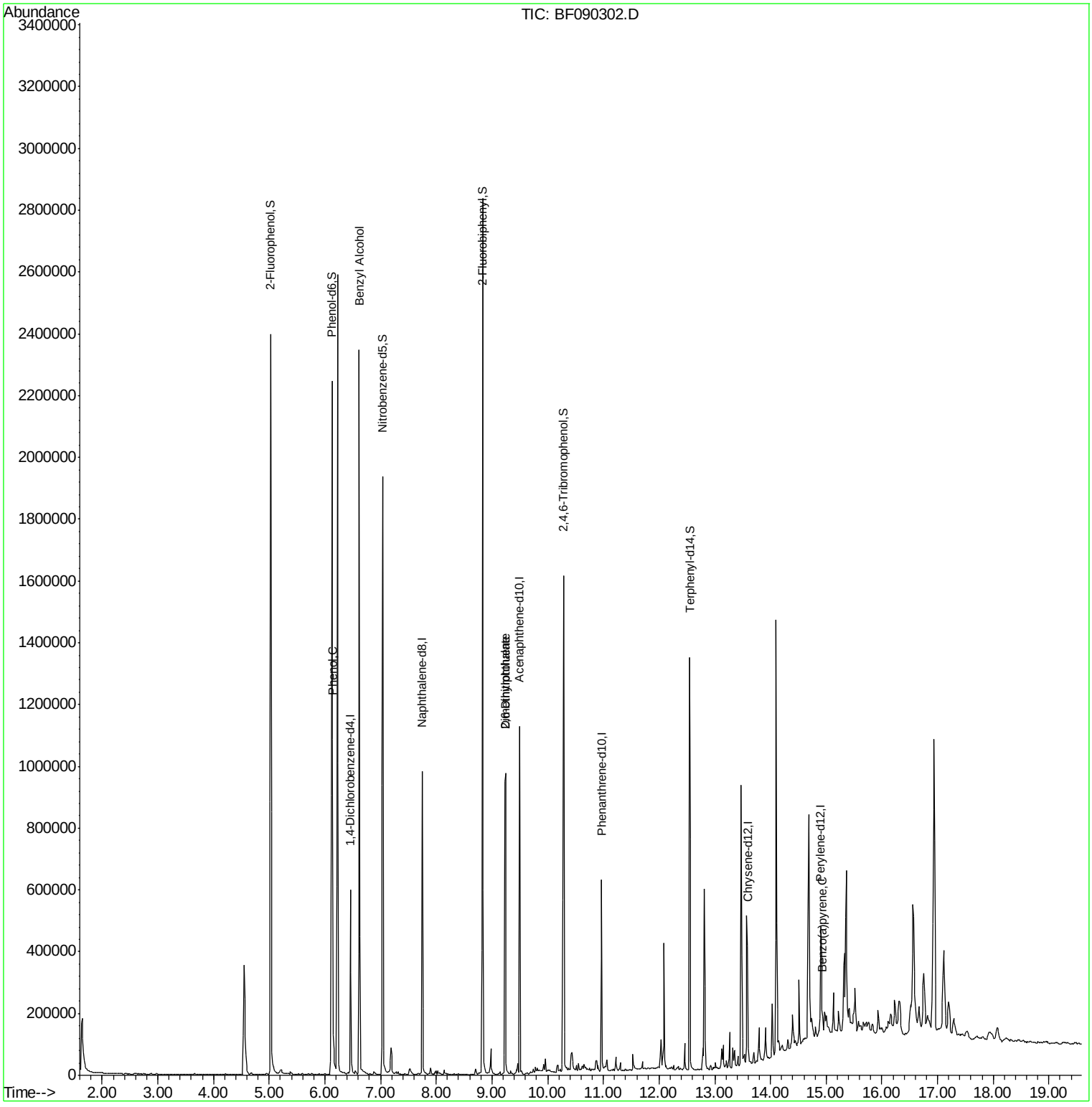
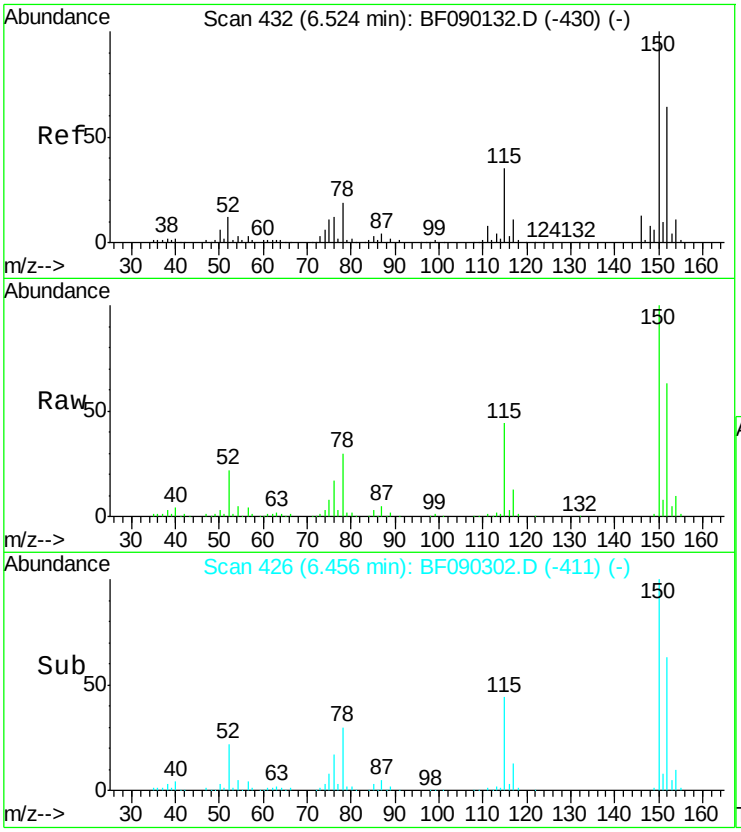


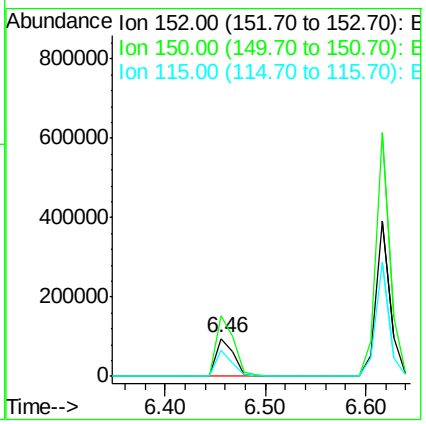


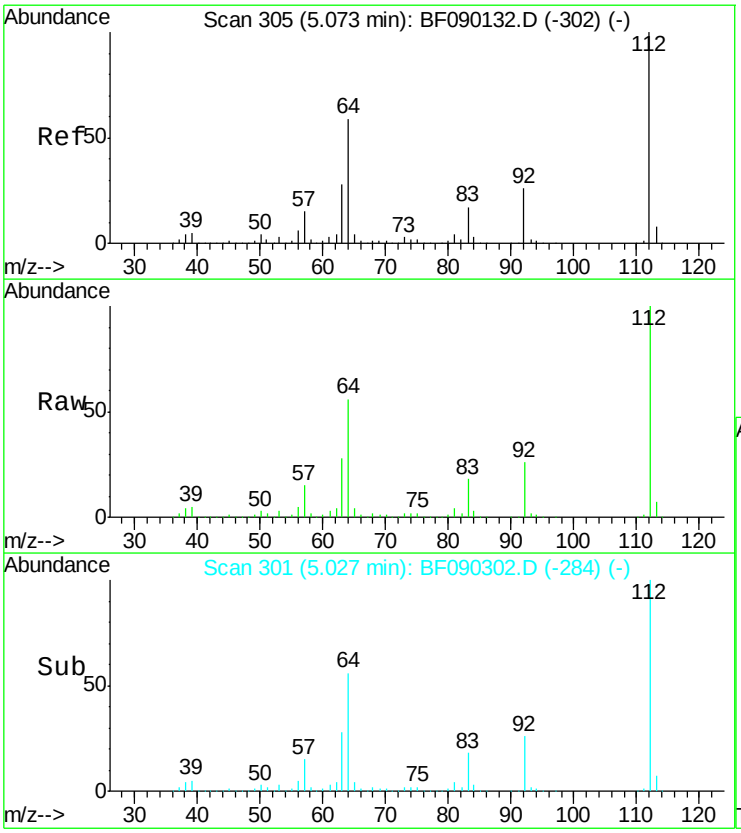
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tgt Ion:152 Resp: 118153

Ion	Ratio	Lower	Upper
152	100		
150	159.9	128.9	193.3
115	70.5	55.5	83.3

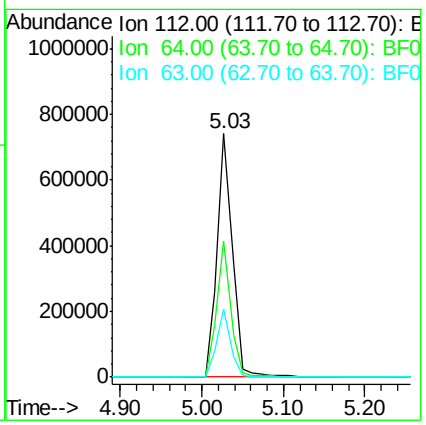


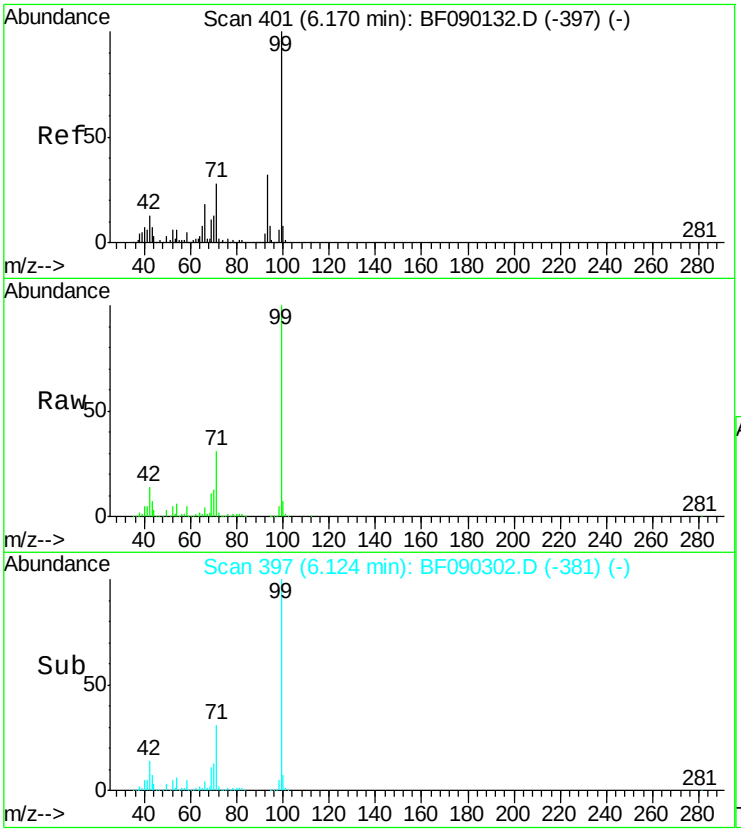


#5
2-Fluorophenol
Concen: 133.42 ng
RT: 5.03 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Tgt Ion:112 Resp: 967107

Ion	Ratio	Lower	Upper
112	100		
64	56.1	39.8	59.6
63	27.9	18.9	28.3



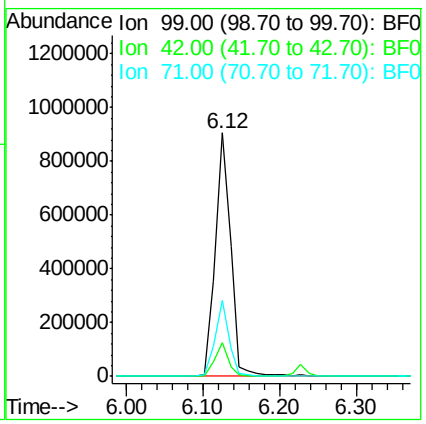


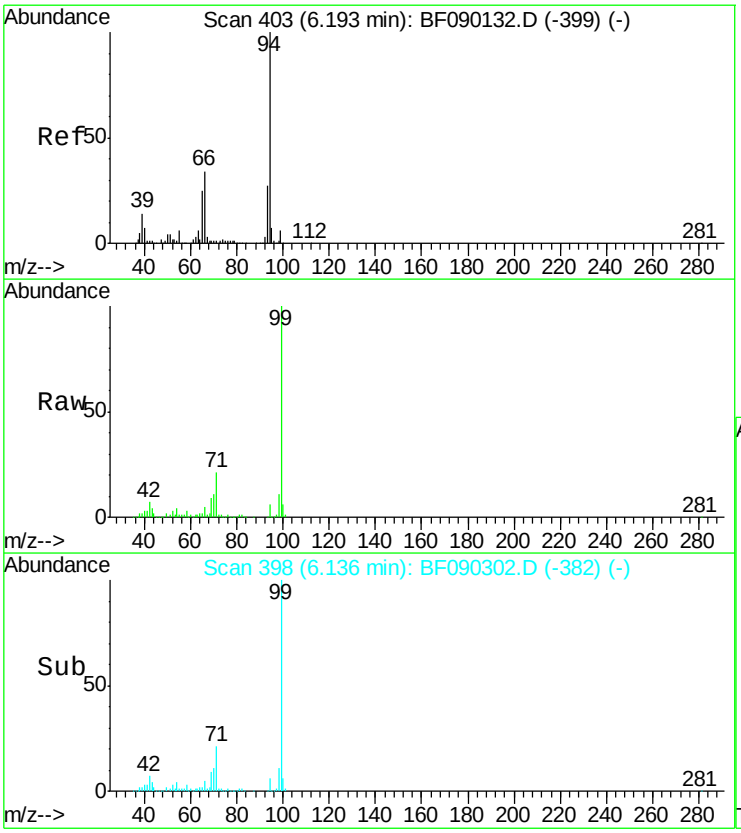
#7
Phenol-d6
Concen: 141.68 ng
RT: 6.12 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tgt Ion: 99 Resp: 1268288

Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.6	15.8
71	31.0	23.0	34.6

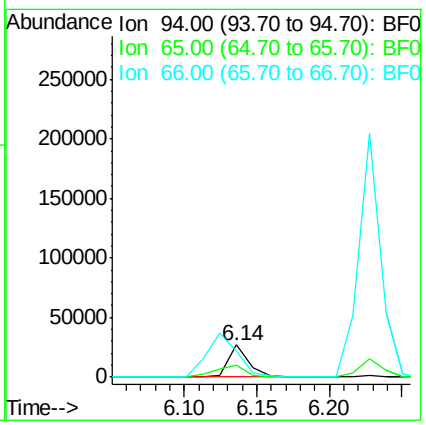


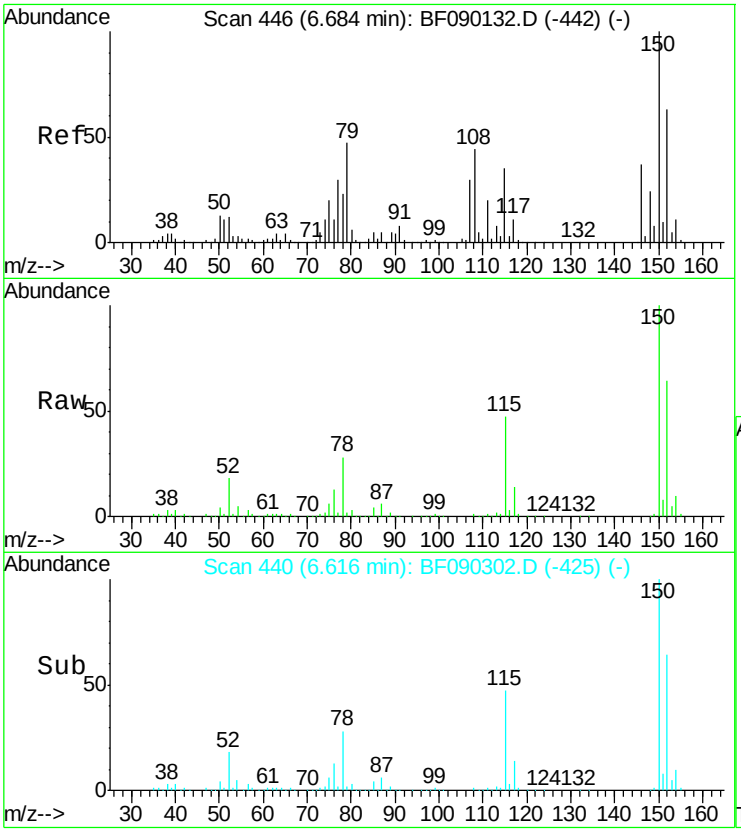


#10
Phenol
Concen: 2.56 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Tgt Ion: 94 Resp: 27140

Ion	Ratio	Lower	Upper
94	100		
65	36.3	20.6	60.6
66	83.7	45.1	85.1



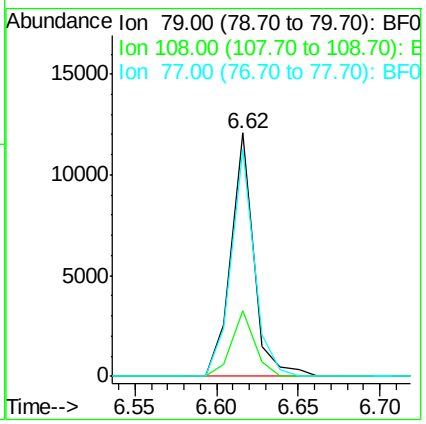


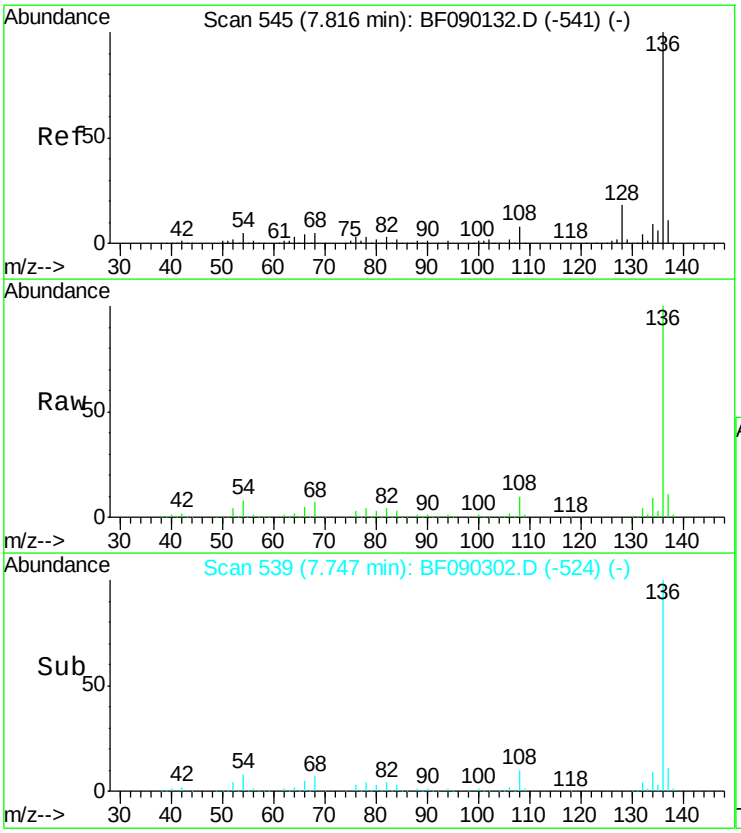
#15
Benzyl Alcohol
Concen: 2.17 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tgt Ion: 79 Resp: 11608

Ion	Ratio	Lower	Upper
79	100		
108	27.0	62.2	93.4#
77	93.3	51.4	77.0#

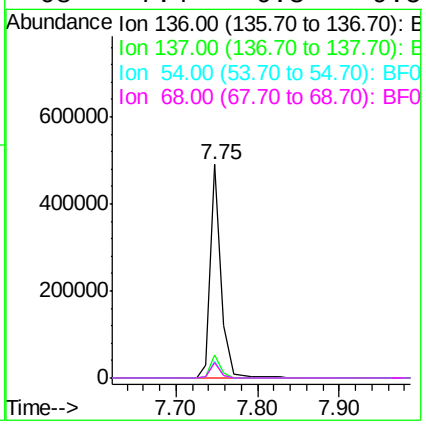


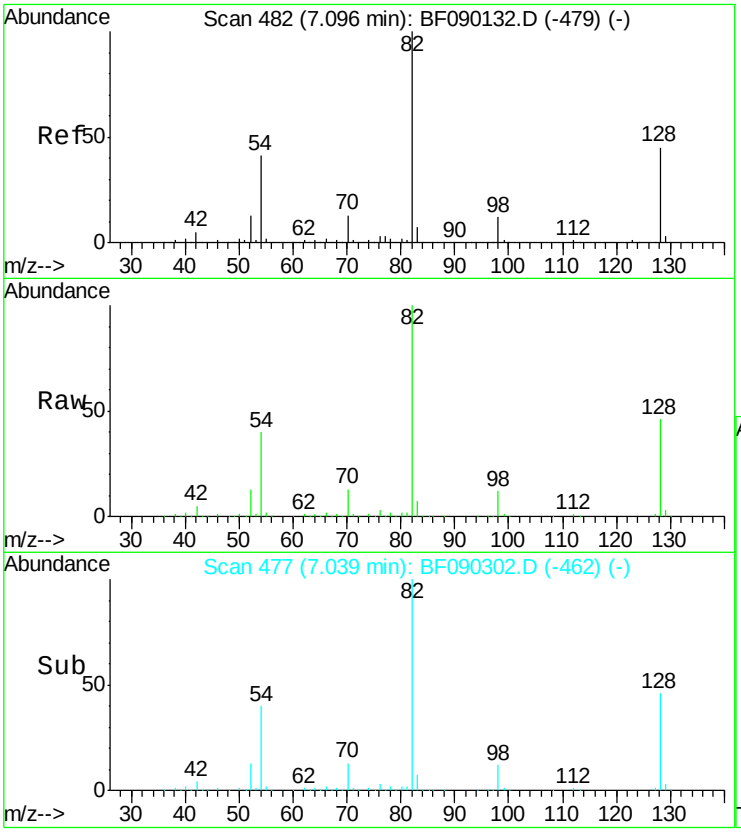


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Tgt Ion:136 Resp: 460565

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.8	6.4	9.6
68	7.4	6.3	9.5



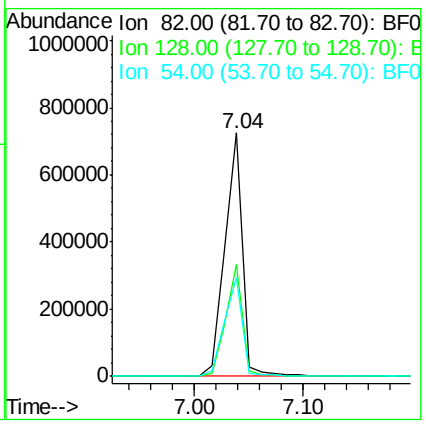


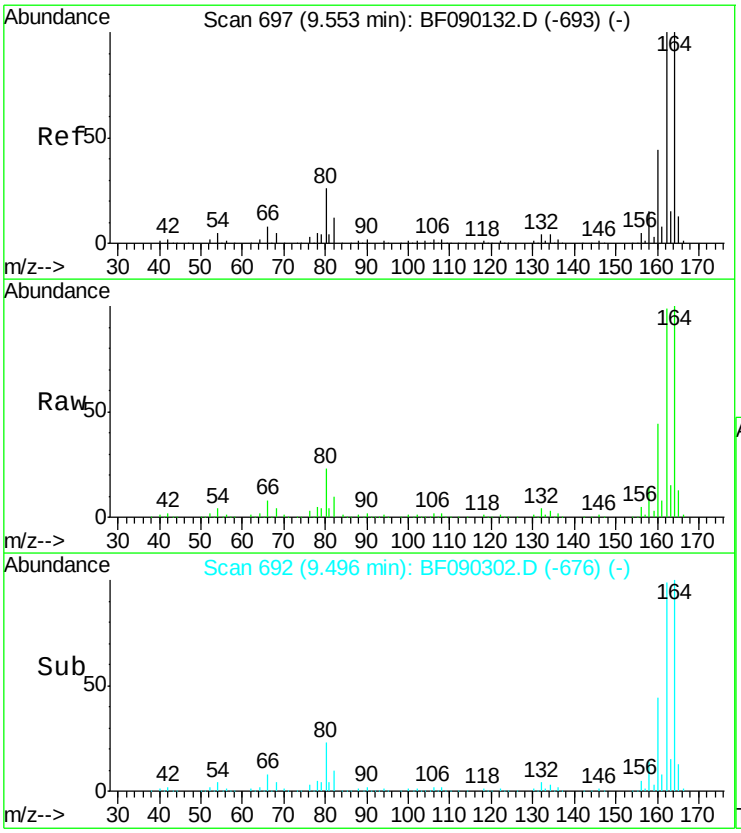
#23
Nitrobenzene-d5
Concen: 101.36 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tgt Ion: 82 Resp: 805286

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.5	56.3
54	40.4	31.9	47.9

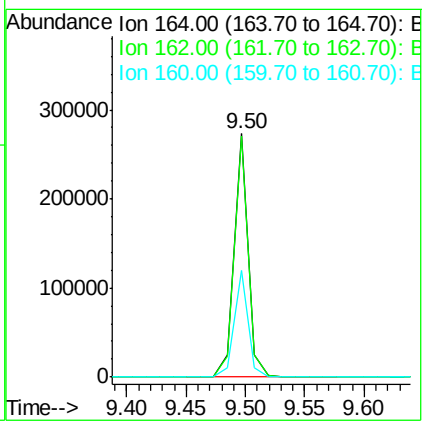


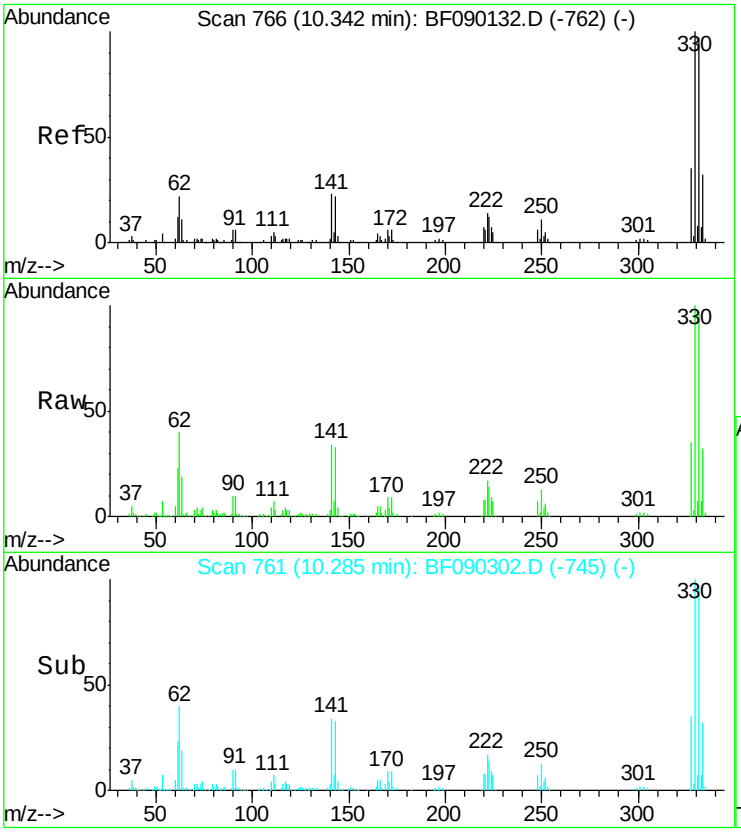


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Tgt Ion:164 Resp: 224408

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.4	122.2
160	43.6	36.6	54.8



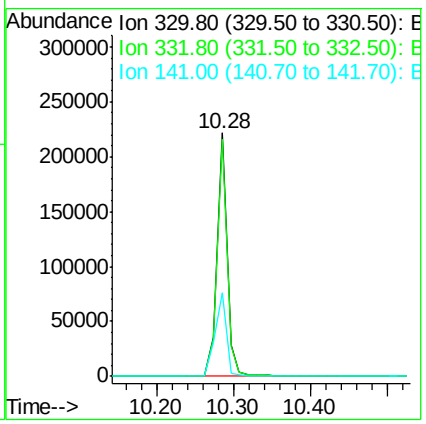


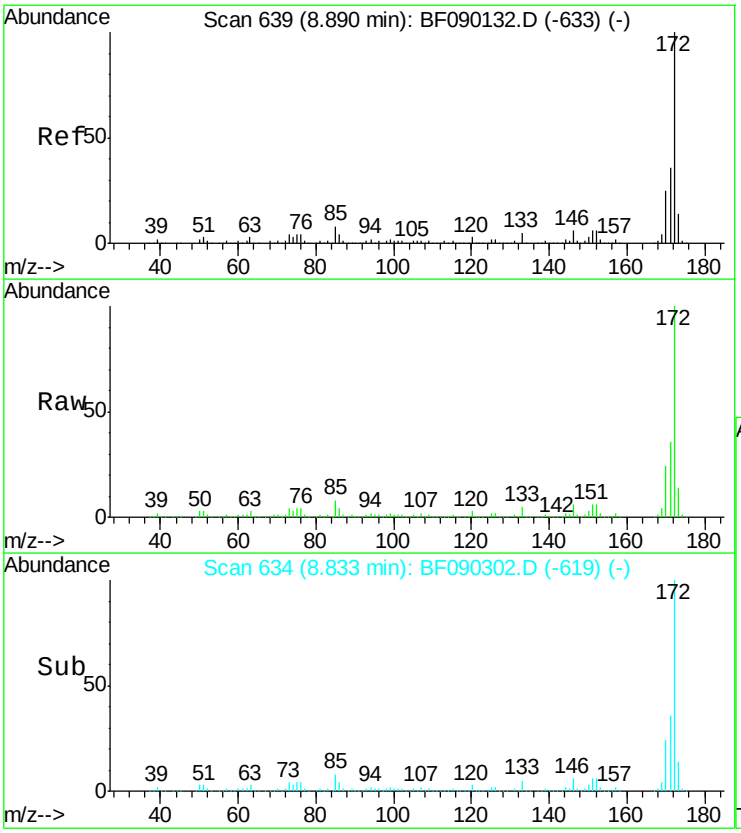
#41
2,4,6-Tribromophenol
Concen: 105.55 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tgt Ion:330 Resp: 203205

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.1	117.1
141	38.2	23.9	35.9#

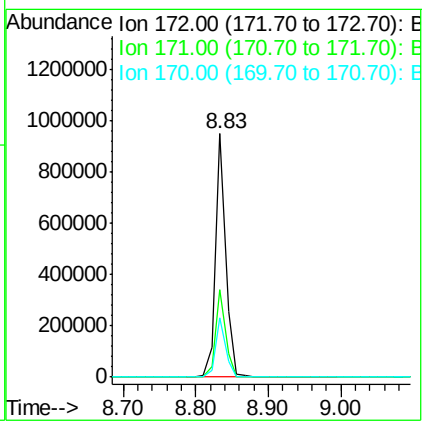


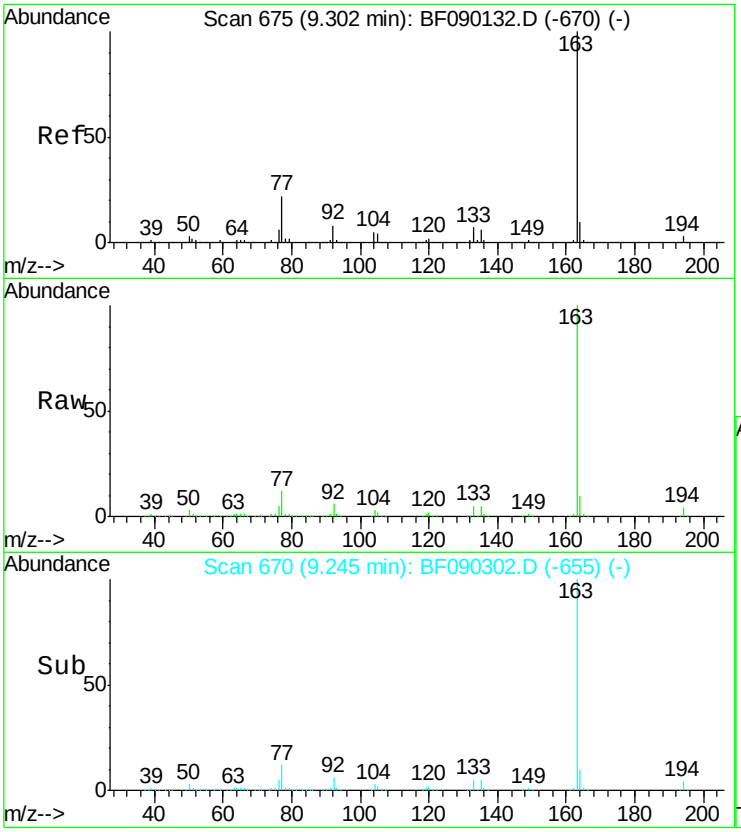


#44
2-Fluorobiphenyl
Concen: 81.93 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Tgt Ion:172 Resp: 936489

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	24.4	19.8	29.8



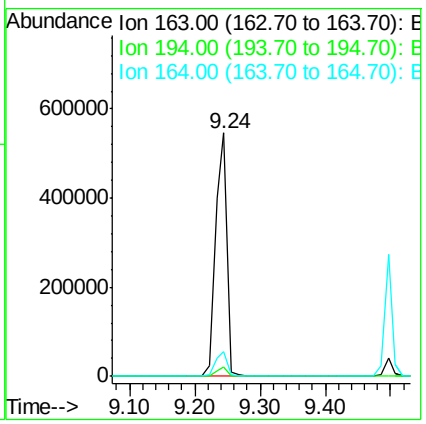


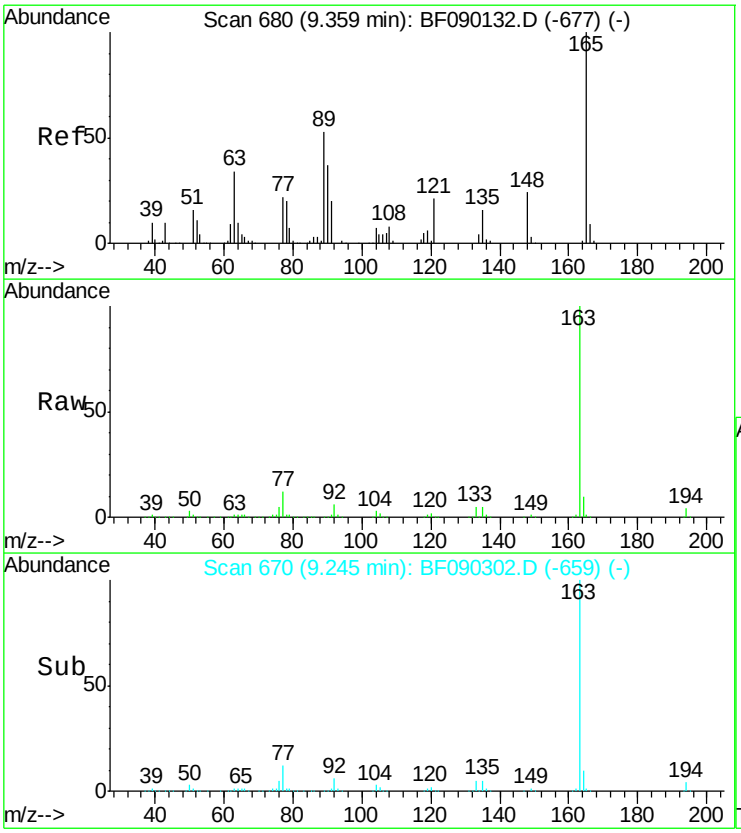
#49
Dimethylphthalate
Concen: 47.76 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tgt Ion:163 Resp: 682605

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.9	8.1	12.1

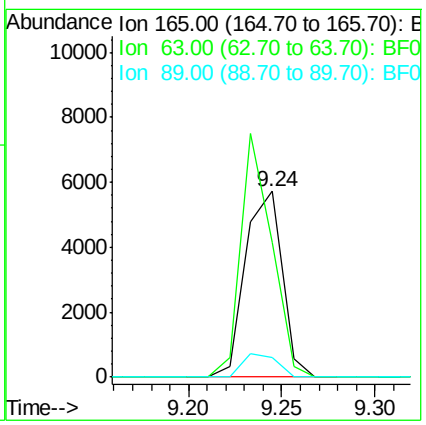


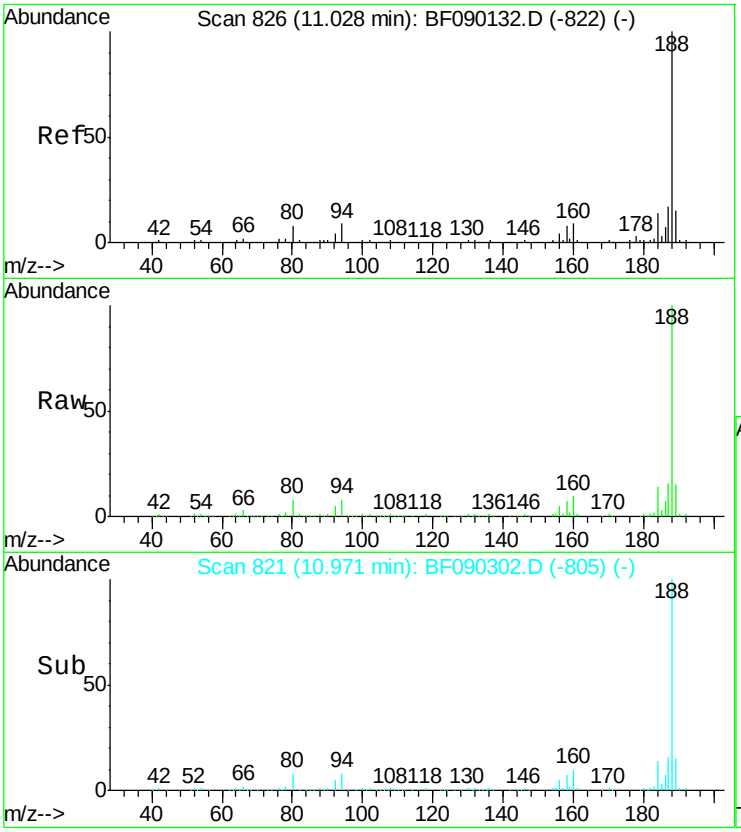


#50
2,6-Dinitrotoluene
Concen: 2.45 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.07 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Tgt Ion:165 Resp: 7810

Ion	Ratio	Lower	Upper
165	100		
63	72.4	49.9	74.9
89	10.5	51.0	76.4#



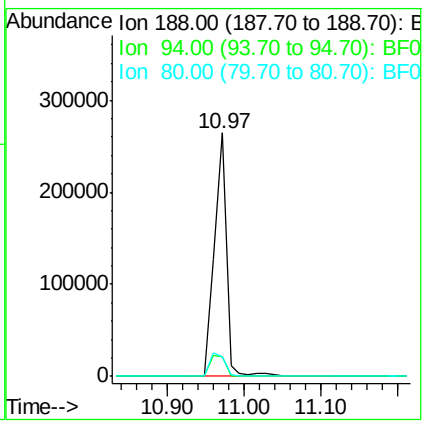


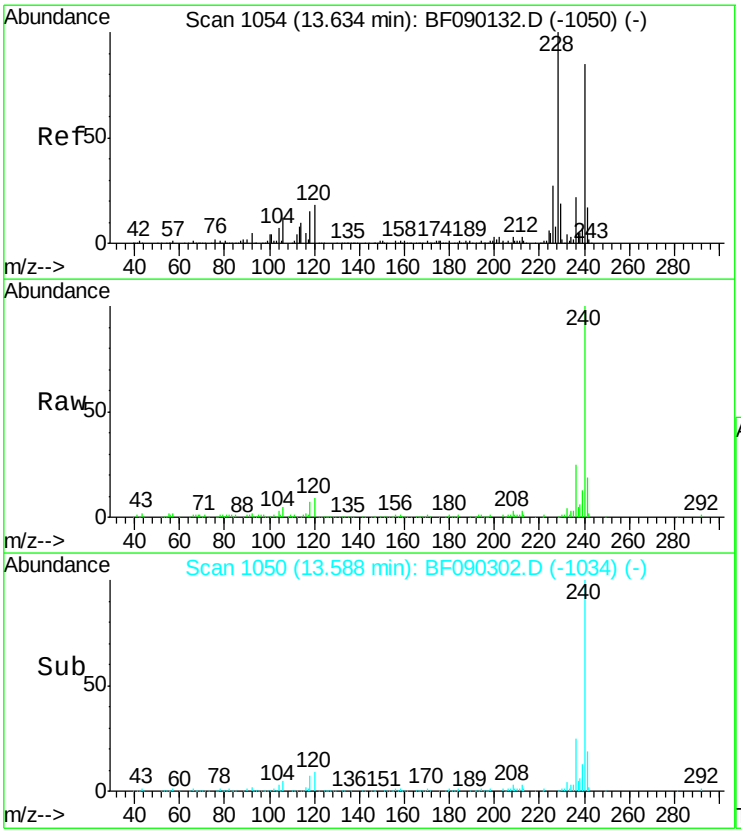
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tgt Ion:188 Resp: 289208

Ion	Ratio	Lower	Upper
188	100		
94	8.2	10.5	15.7#
80	8.1	11.2	16.8#

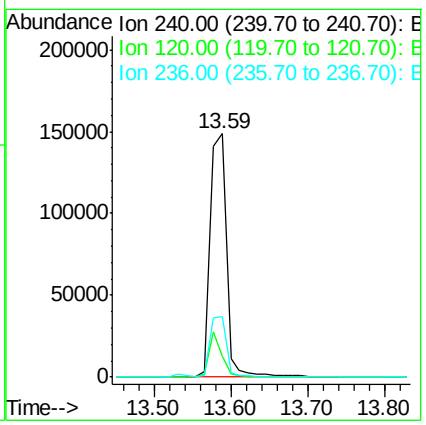


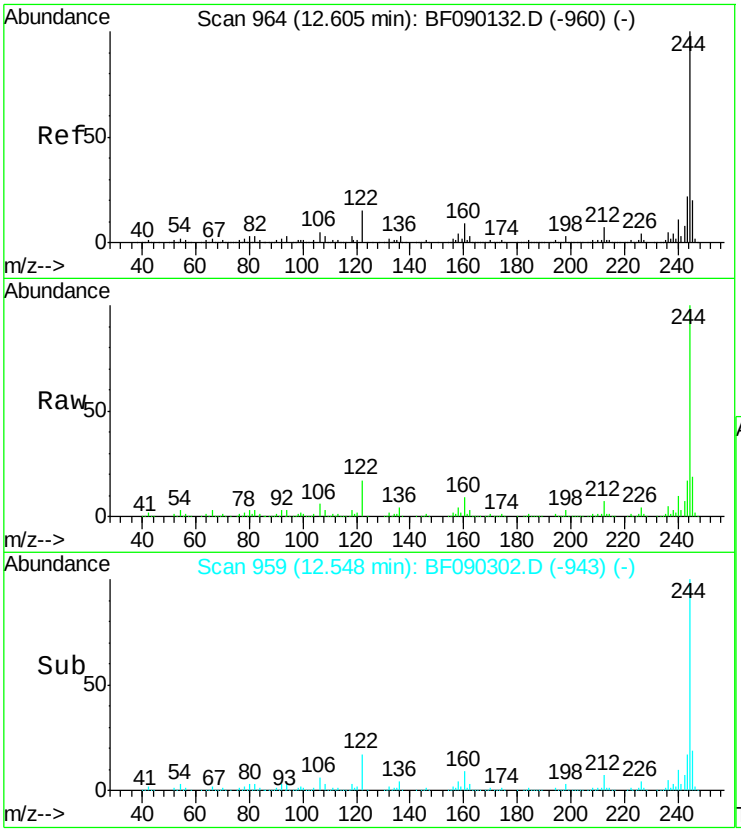


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Tgt Ion:240 Resp: 219009

Ion	Ratio	Lower	Upper
240	100		
120	8.6	10.6	16.0#
236	25.0	21.6	32.4



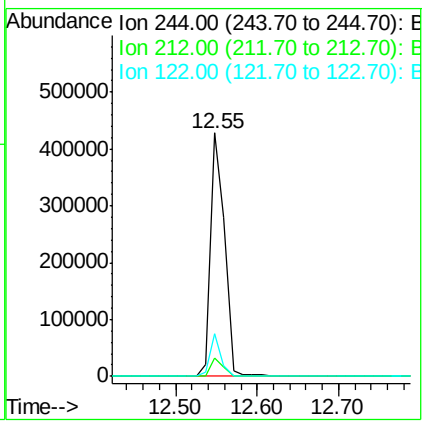


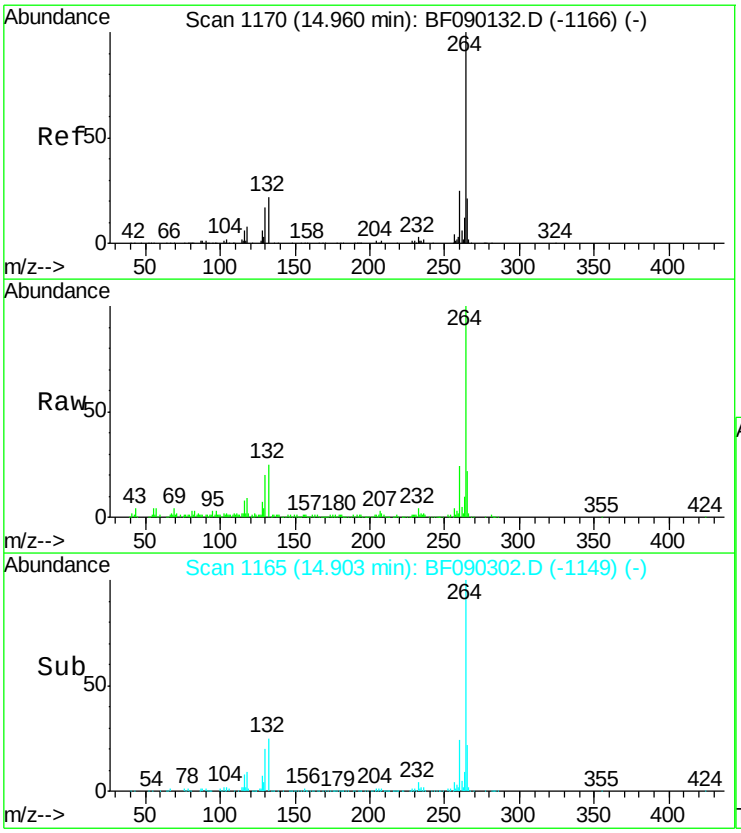
#78
Terphenyl-d14
Concen: 60.02 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tgt Ion:244 Resp: 517791

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	17.4	9.4	14.0#

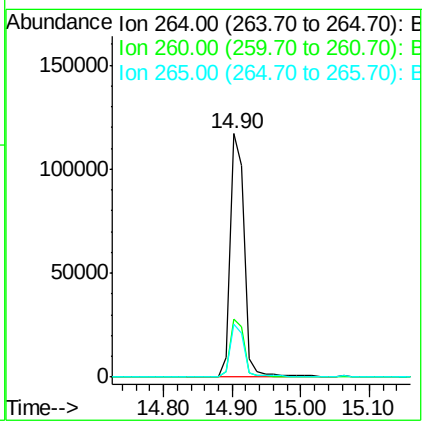


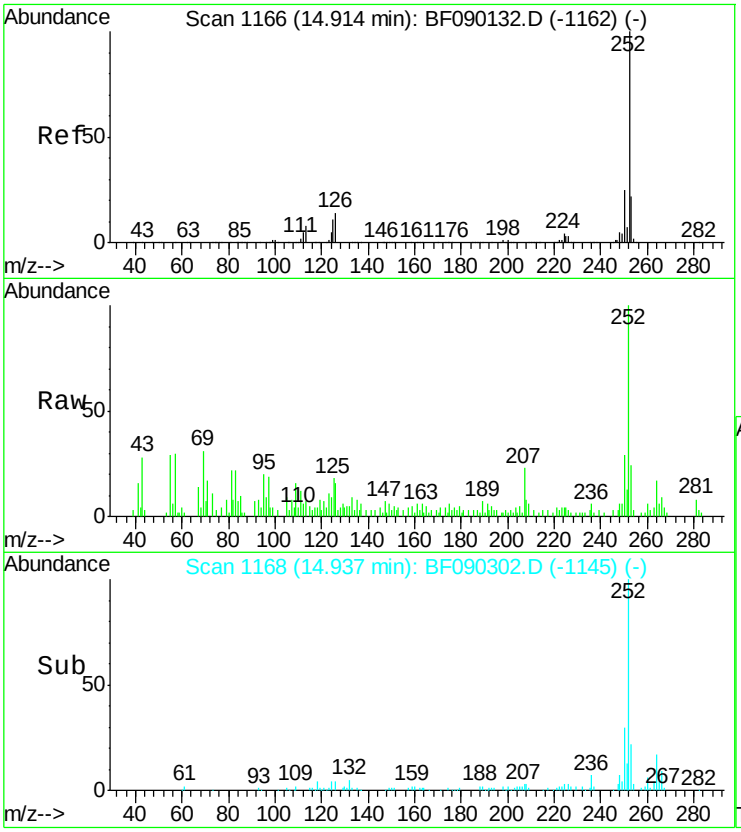


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Tgt Ion:264 Resp: 170195

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.9	17.0	25.4





#89
Benzo(a)pyrene
Concen: 2.84 ng
RT: 14.94 min Scan# 1168
Delta R.T. 0.07 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tgt Ion:252 Resp: 25135

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	18.5	7.7	11.5#