Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
Data File : BF090516.D
Acq On : 11 Oct 2016 21:46
Operator : UM/SJ
Sample : H5146-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0619

Quant Time: Oct 12 00:59:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	210634	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	791891	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	458713	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	744263	20.00	ng		0.01
75) Chrysene-d12	14.13	240	526559	20.00	ng		0.00
86) Perylene-d12	15.61	264	379634	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	587586	43.40	ng		0.00
7) Phenol-d6	6.58	99	502288	29.40	ng		-0.01
23) Nitrobenzene-d5	7.51	82	1168048	80.00	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	461786	101.56	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1982525	72.63	ng		0.00
78) Terphenyl-d14	13.08	244	1887543	87.60	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.53	117	57602	9.85	ng	#	26
27) 2,4-Dimethylphenol	7.89	122	28043	2.31	ng		93
31) Naphthalene	8.26	128	212305	5.38	ng		98
32) Benzoic acid	8.03	122	77459	8.08	ng	#	15
35) Caprolactam	8.75	113	287032	87.16	ng	#	18
36) 4-Chloro-3-methylphenol	8.77	107	38710	3.26	ng	#	36
54) Dibenzofuran	10.34	168	83557	2.23	ng		93
55) 4-Nitrophenol	10.06	139	16193	2.47	ng	#	1
59) Diethylphthalate	10.34	149	757931	24.16	ng	#	67

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

Quantitation Report (Not Reviewed)

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Acq On : 11 Oct 2016 21:46
Operator : UM/SJ
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Misc :
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Instrument :
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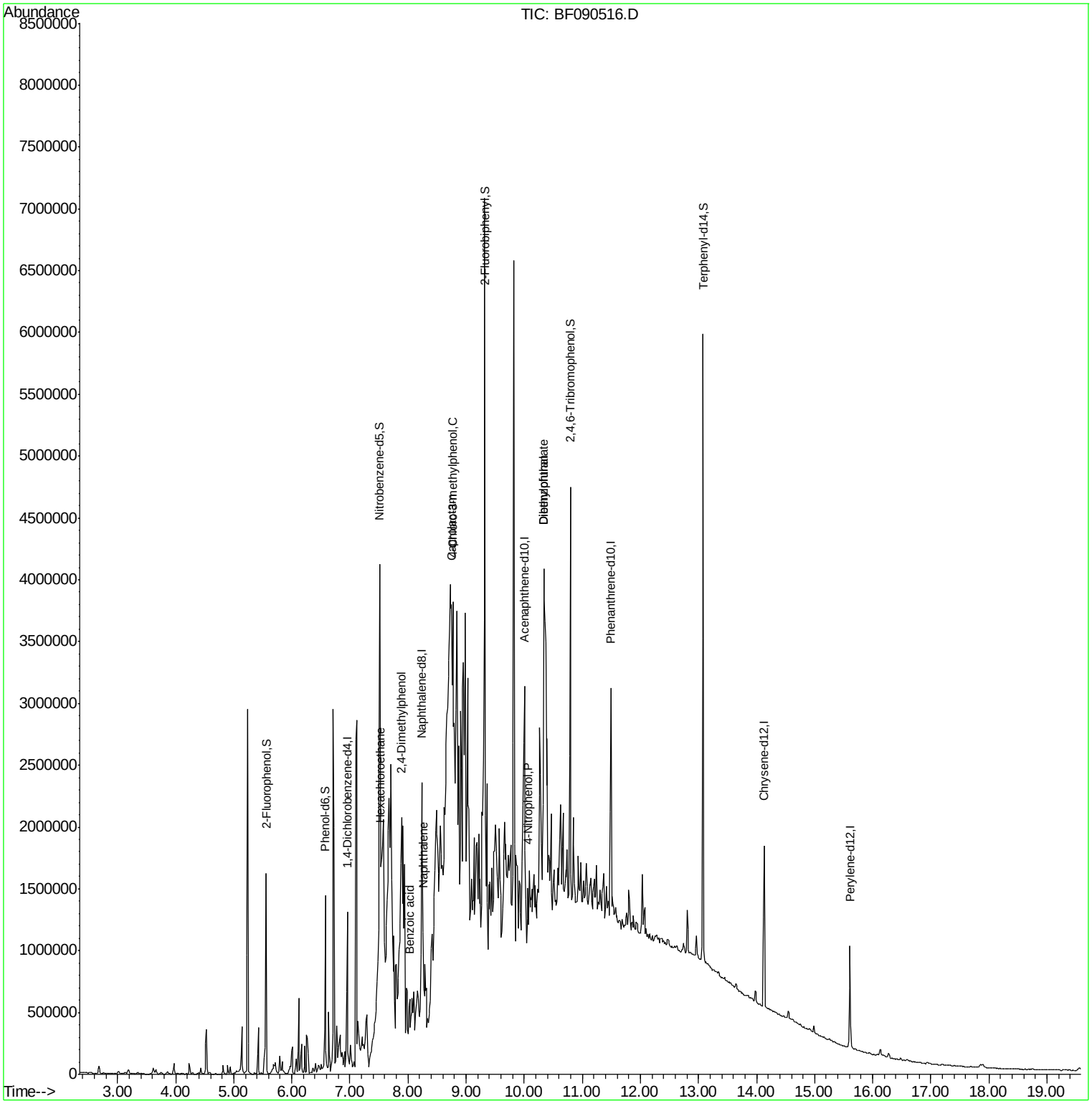
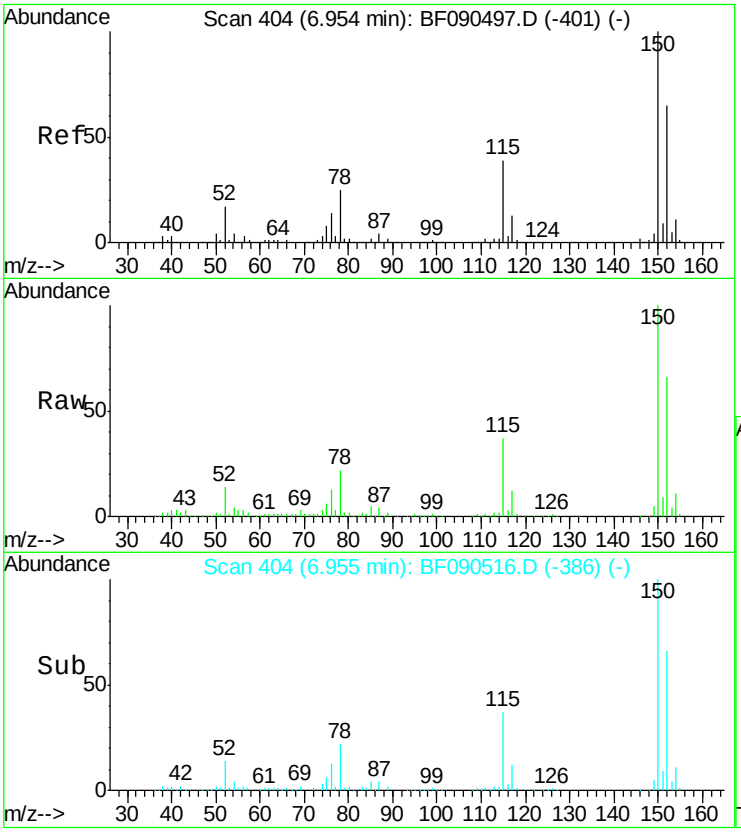


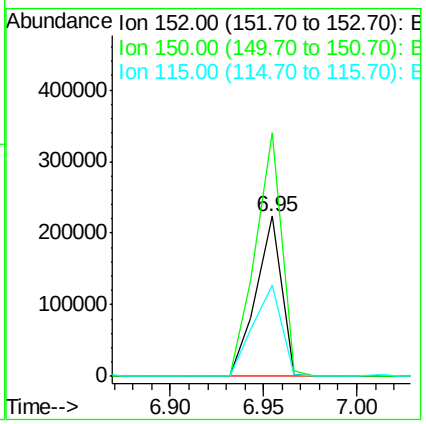


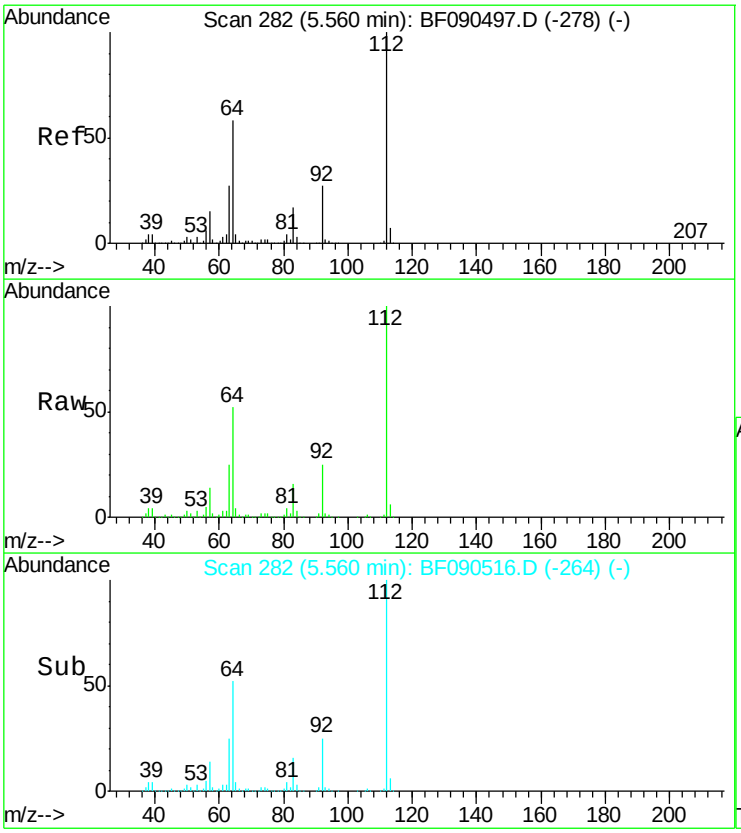
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampleId :
S8-0619

Tgt Ion:152 Resp: 210634

Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	56.8	46.2	69.4

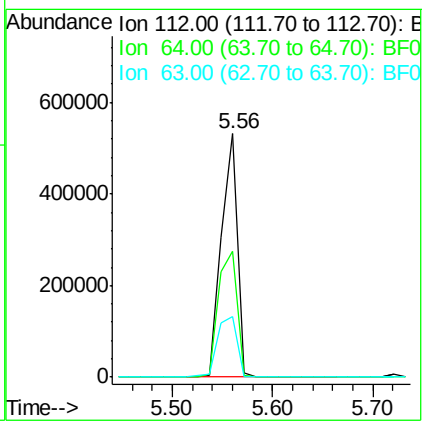


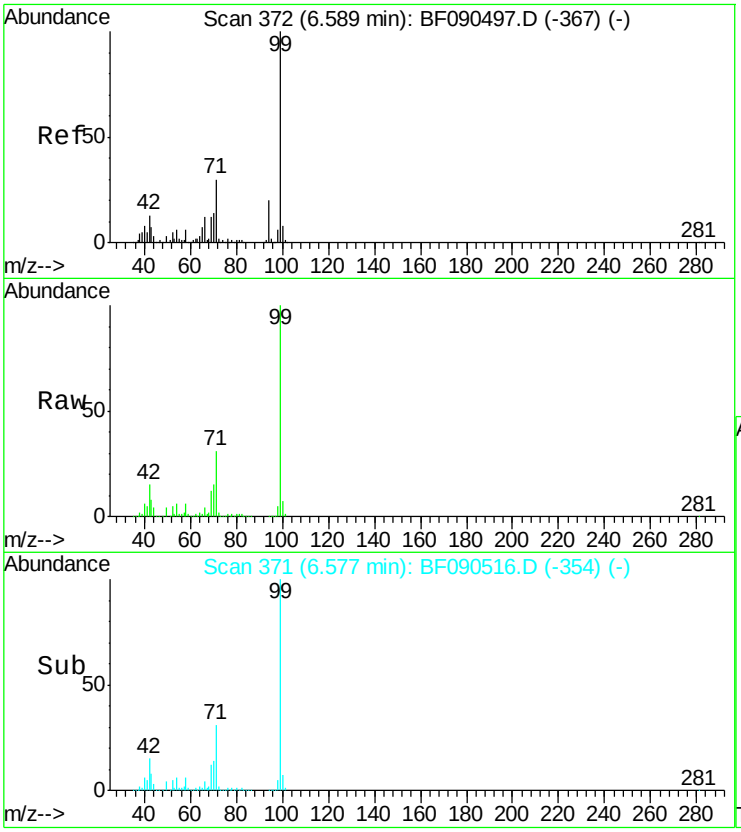


#5
2-Fluorophenol
Concen: 43.40 ng
RT: 5.56 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Tgt Ion:112 Resp: 587586

Ion	Ratio	Lower	Upper
112	100		
64	51.5	57.9	86.9#
63	24.7	29.6	44.4#



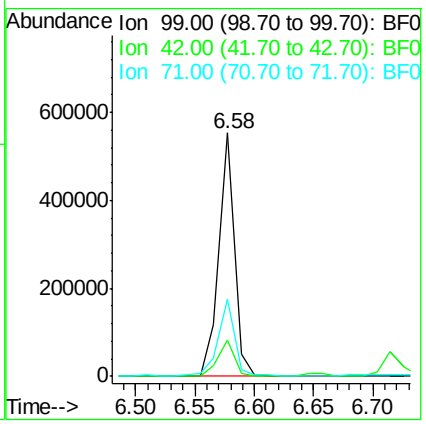


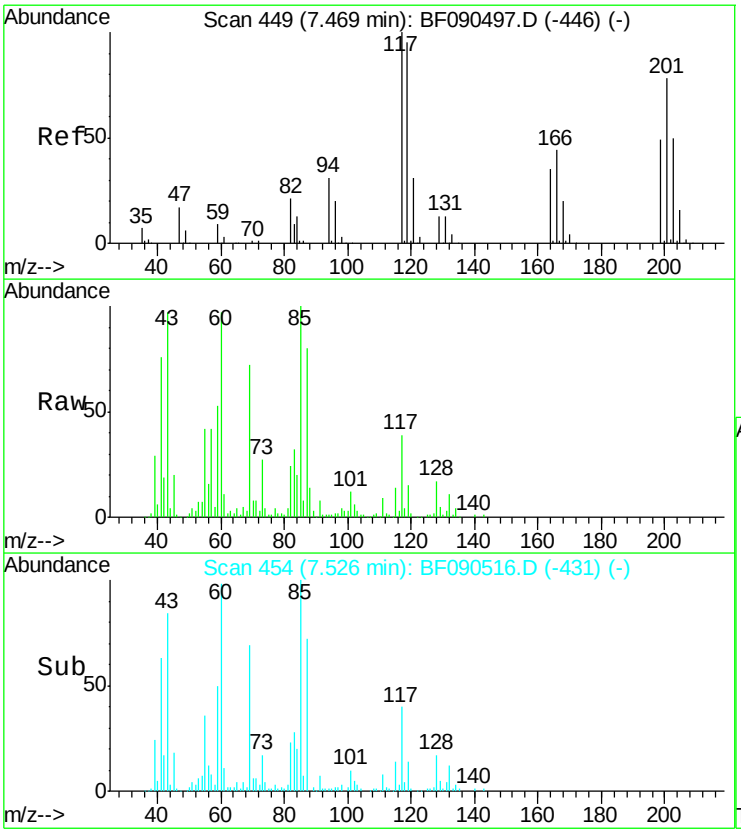
#7
Phenol-d6
Concen: 29.40 ng
RT: 6.58 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampleId :
S8-0619

Tgt Ion: 99 Resp: 502288

Ion	Ratio	Lower	Upper
99	100		
42	14.7	20.0	30.0#
71	31.5	27.9	41.9

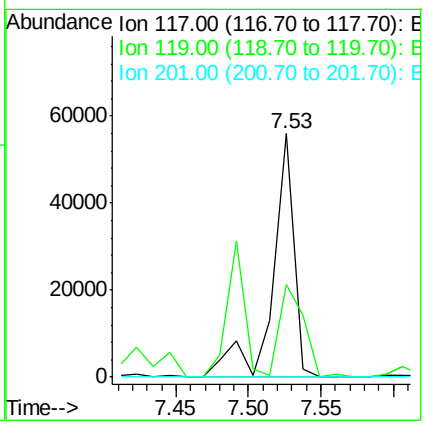


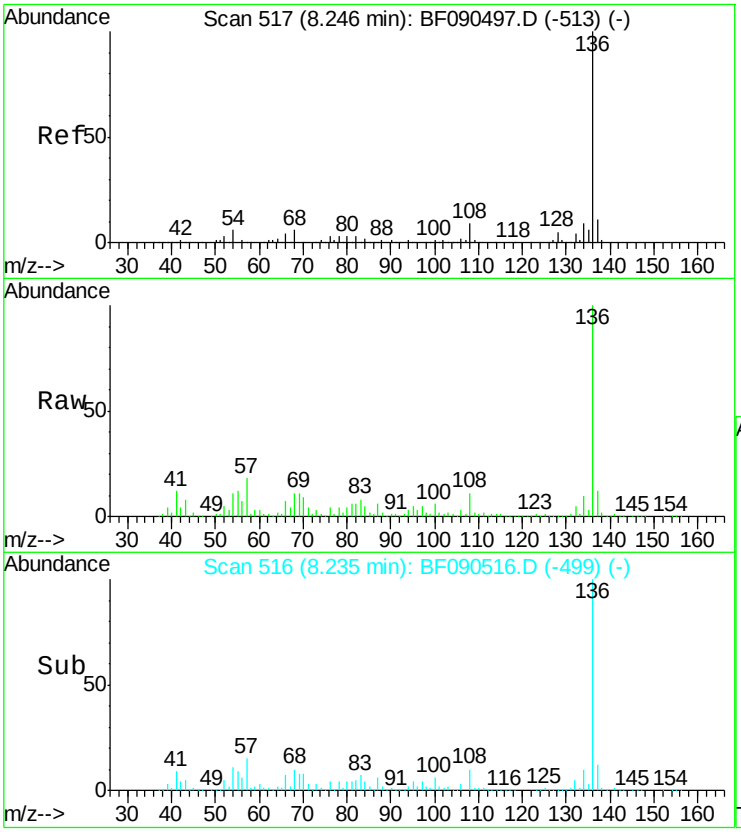


#18
Hexachloroethane
Concen: 9.85 ng
RT: 7.53 min Scan# 454
Delta R.T. 0.06 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Tgt Ion:117 Resp: 57602

Ion	Ratio	Lower	Upper
117	100		
119	37.8	75.9	113.9#
201	0.0	66.5	99.7#



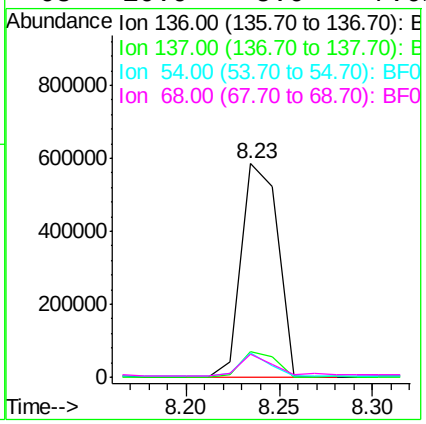


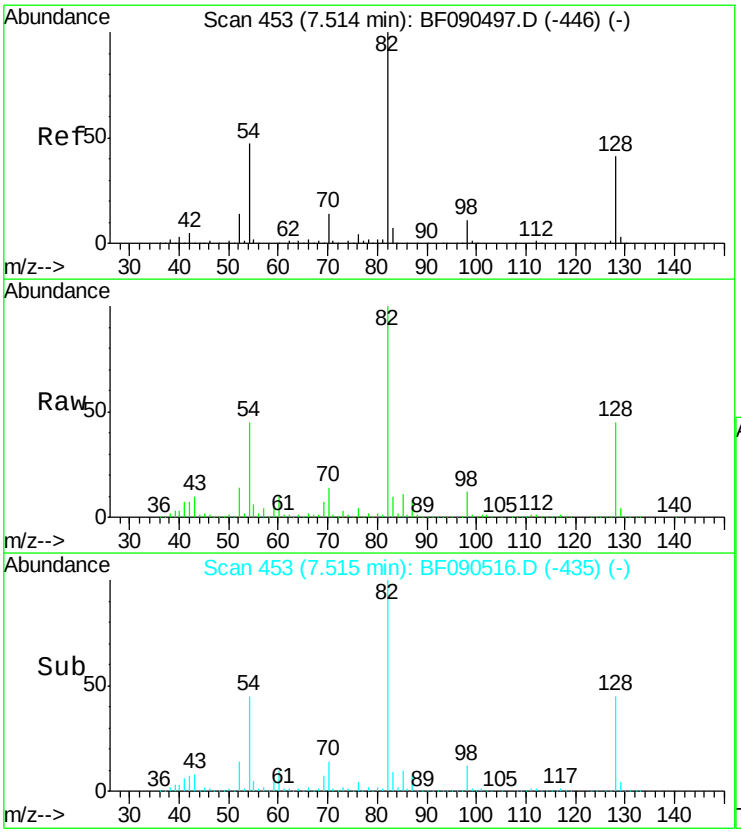
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampleId :
S8-0619

Tgt Ion:136 Resp: 791891

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	11.2	6.6	10.0#
68	10.9	5.0	7.6#

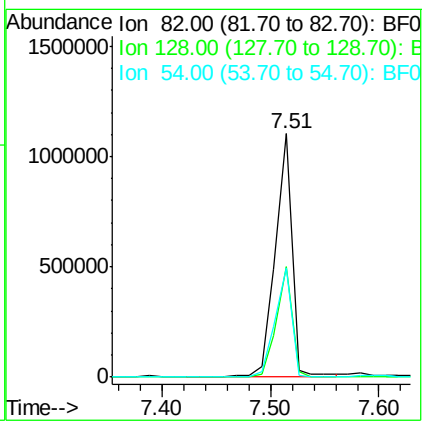


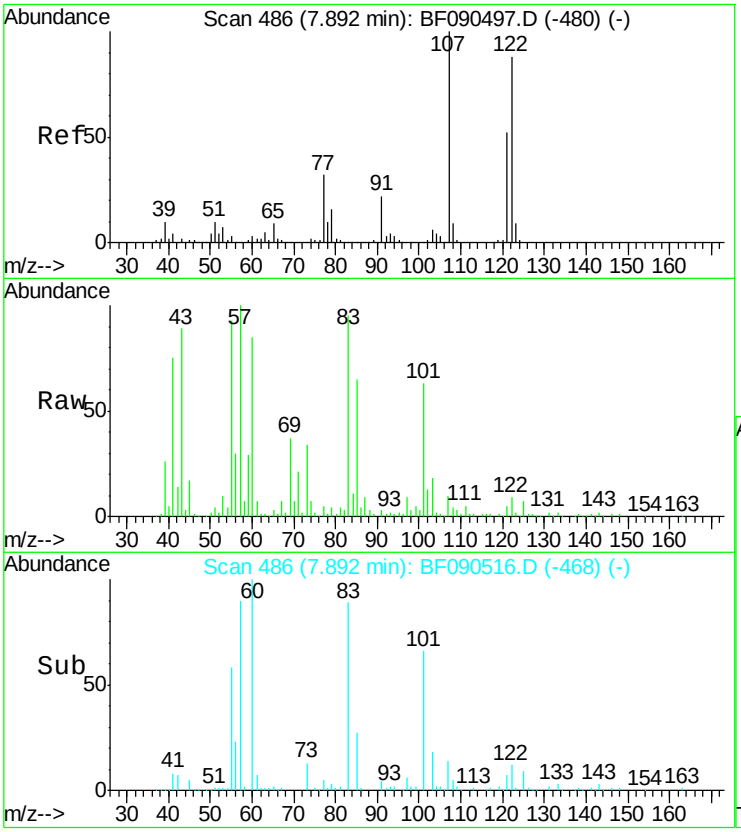


#23
Nitrobenzene-d5
Concen: 80.00 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Tgt Ion: 82 Resp: 1168048

Ion	Ratio	Lower	Upper
82	100		
128	45.2	40.0	60.0
54	44.9	42.6	64.0



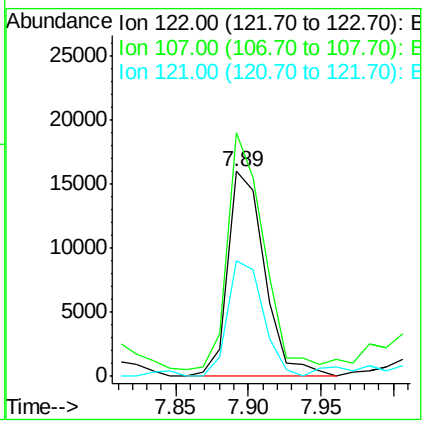


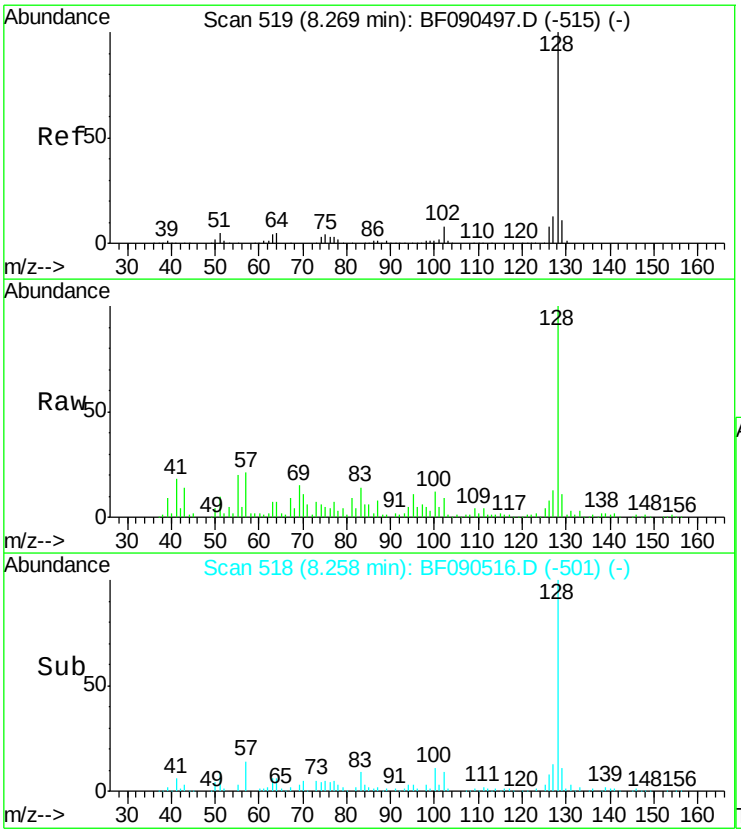
#27
2,4-Dimethylphenol
Concen: 2.31 ng
RT: 7.89 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampleId :
S8-0619

Tgt Ion:122 Resp: 28043

Ion	Ratio	Lower	Upper
122	100		
107	118.9	88.6	132.8
121	56.2	47.5	71.3

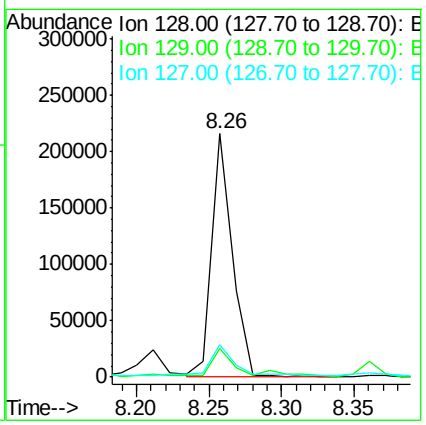


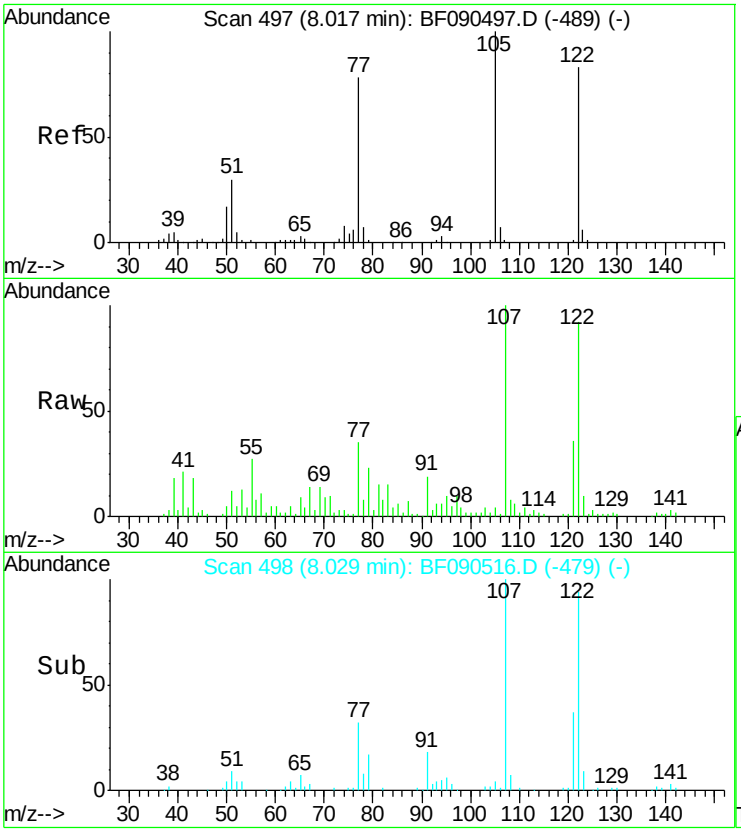


#31
Naphthalene
Concen: 5.38 ng
RT: 8.26 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Tgt Ion:128 Resp: 212305

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.7	14.5
127	13.4	11.7	17.5



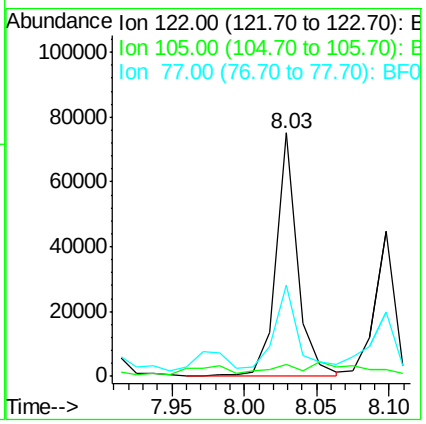


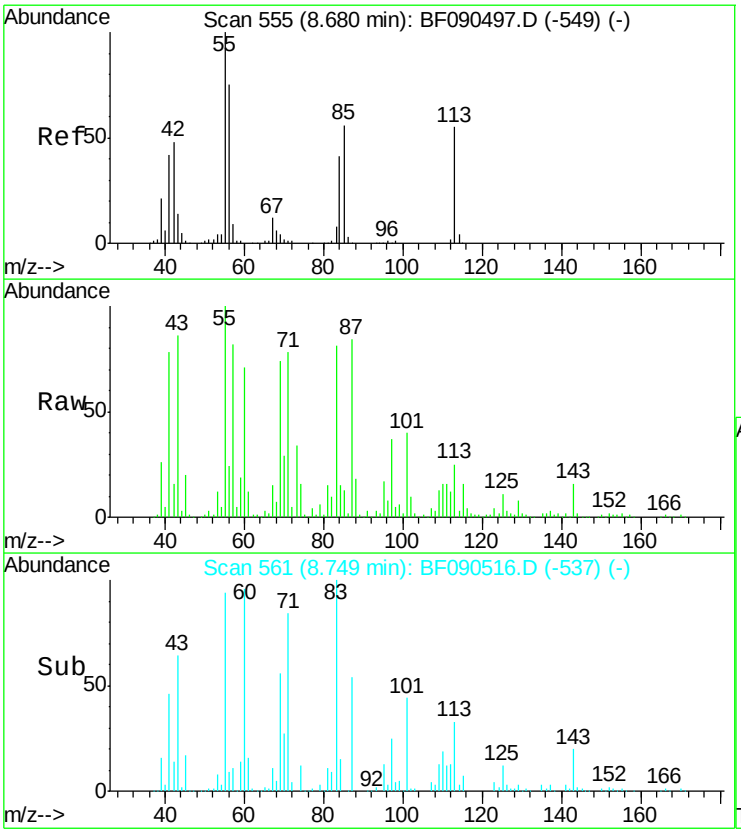
#32
Benzoic acid
Concen: 8.08 ng
RT: 8.03 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampleId :
S8-0619

Tgt Ion:122 Resp: 77459

Ion	Ratio	Lower	Upper
122	100		
105	4.9	103.9	143.9#
77	37.5	74.6	114.6#

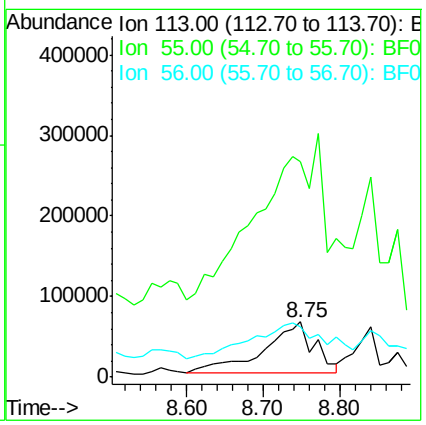


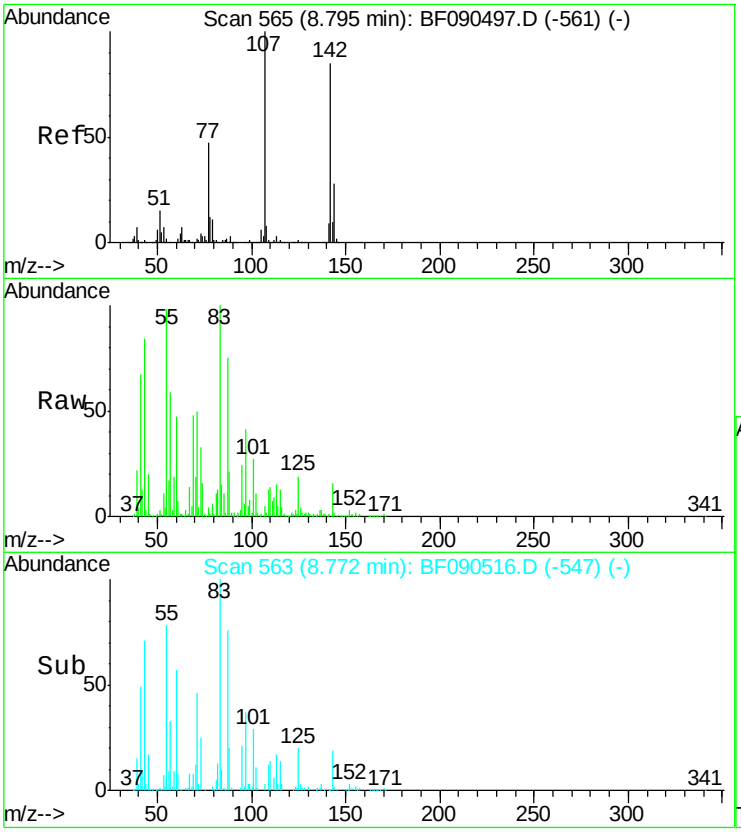


#35
Caprolactam
Concen: 87.16 ng
RT: 8.75 min Scan# 561
Delta R.T. 0.07 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Tgt Ion:113 Resp: 287032

Ion	Ratio	Lower	Upper
113	100		
55	392.9	203.3	243.3#
56	92.8	140.5	180.5#



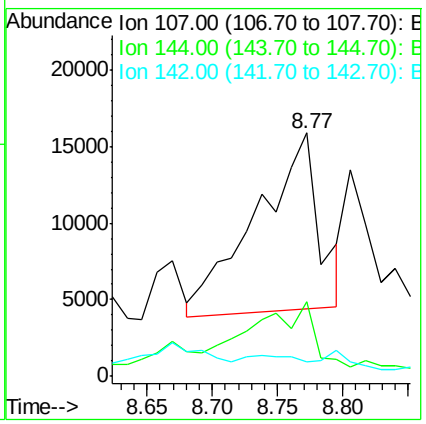


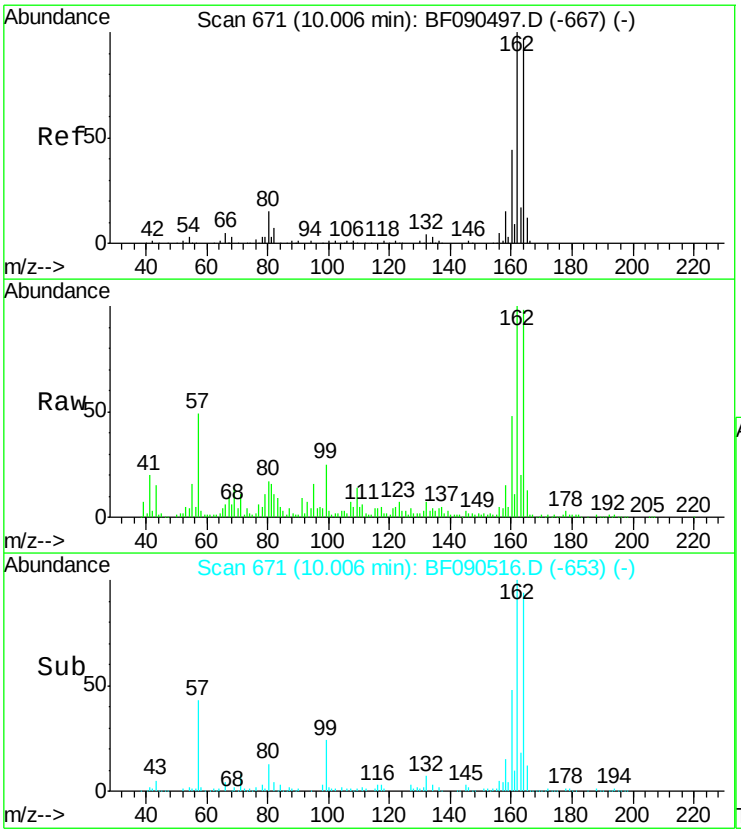
#36
4-Chloro-3-methylphenol
Concen: 3.26 ng
RT: 8.77 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampleId :
S8-0619

Tgt Ion:107 Resp: 38710

Ion	Ratio	Lower	Upper
107	100		
144	30.5	19.8	29.8#
142	6.0	60.7	91.1#

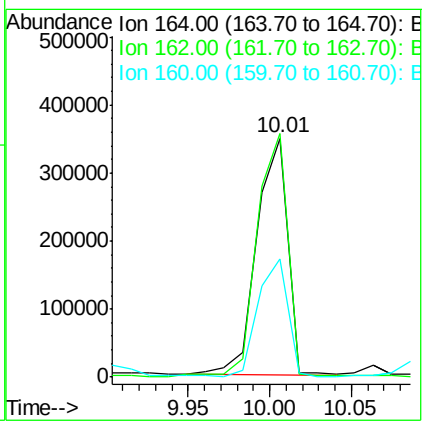


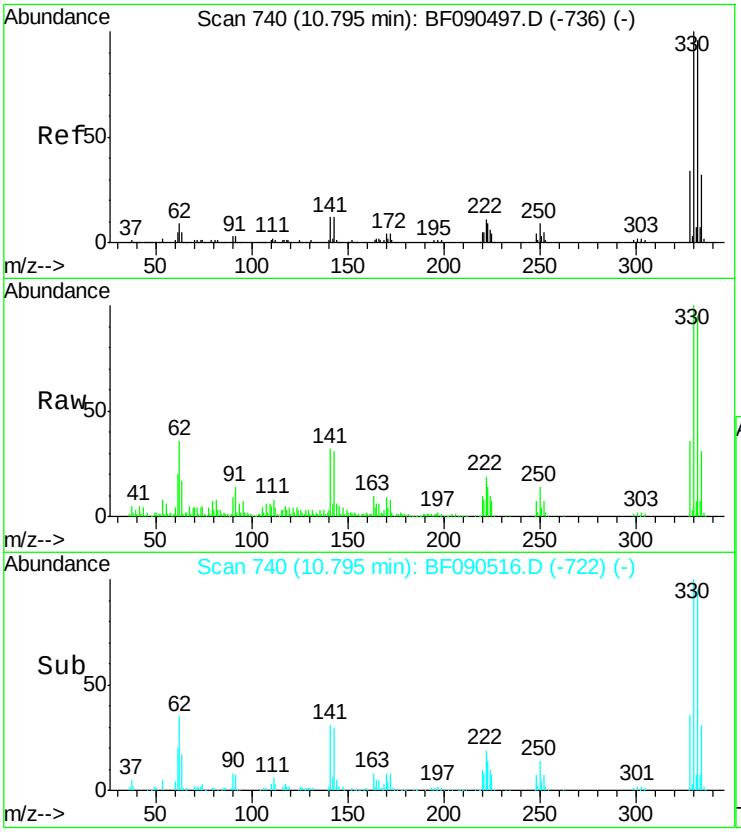


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Tgt Ion:164 Resp: 458713

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.1	120.1
160	49.3	36.3	54.5



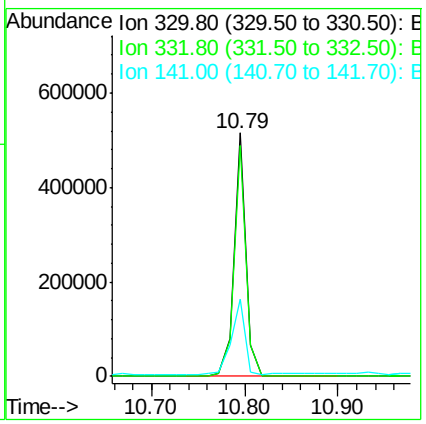


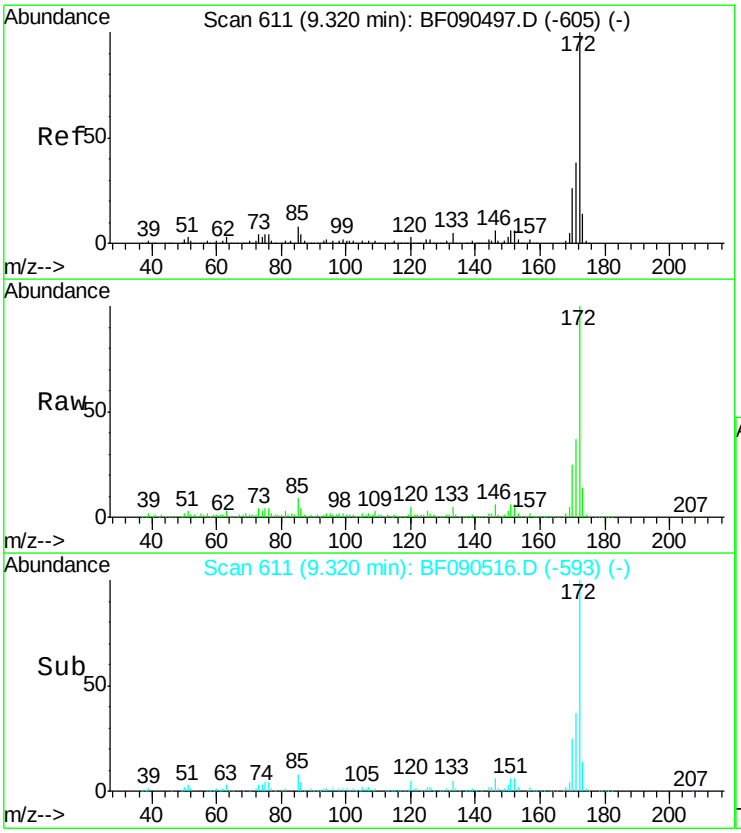
#41
2,4,6-Tribromophenol
Concen: 101.56 ng
RT: 10.79 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampleId :
S8-0619

Tgt Ion:330 Resp: 461786

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.0
141	35.6	26.9	40.3

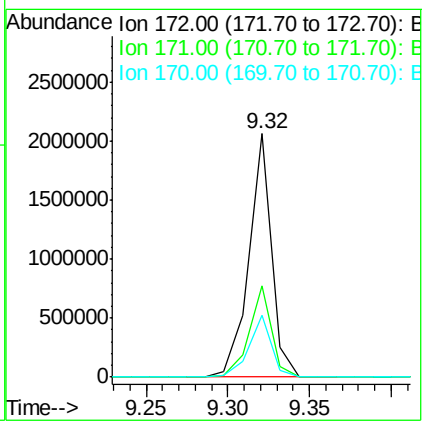


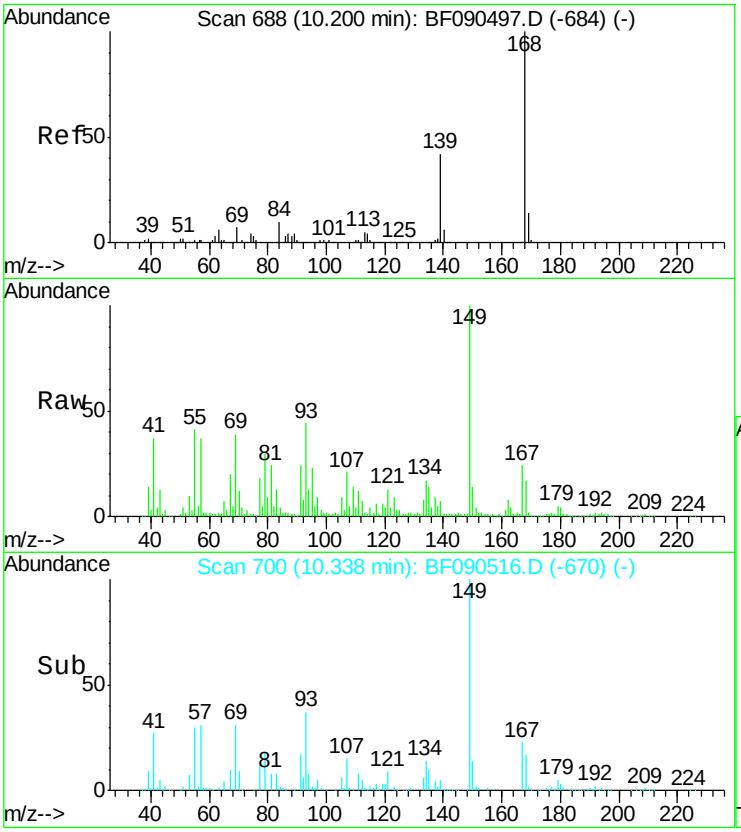


#44
2-Fluorobiphenyl
Concen: 72.63 ng
RT: 9.32 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Tgt Ion:172 Resp: 1982525

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.8	47.8
170	25.5	21.7	32.5



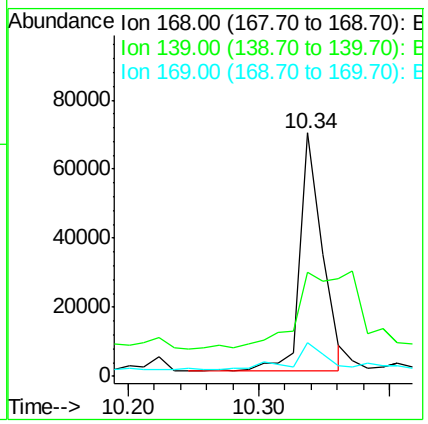


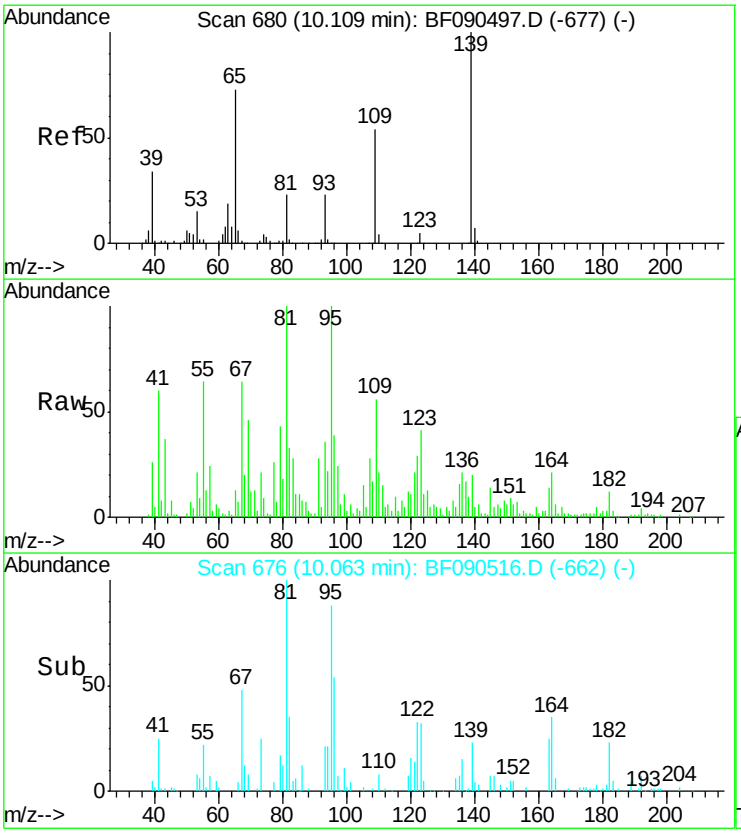
#54
Dibenzofuran
Concen: 2.23 ng
RT: 10.34 min Scan# 700
Delta R.T. 0.14 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampleId :
S8-0619

Tgt Ion:168 Resp: 83557

Ion	Ratio	Lower	Upper
168	100		
139	42.7	29.6	44.4
169	14.1	11.3	16.9

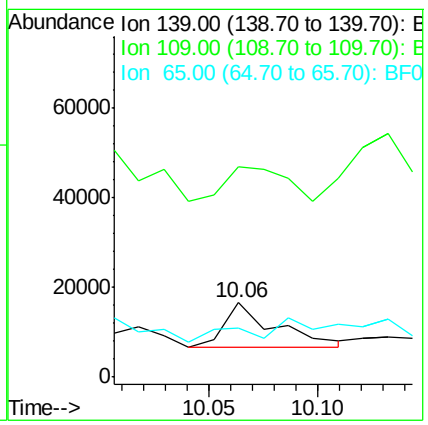


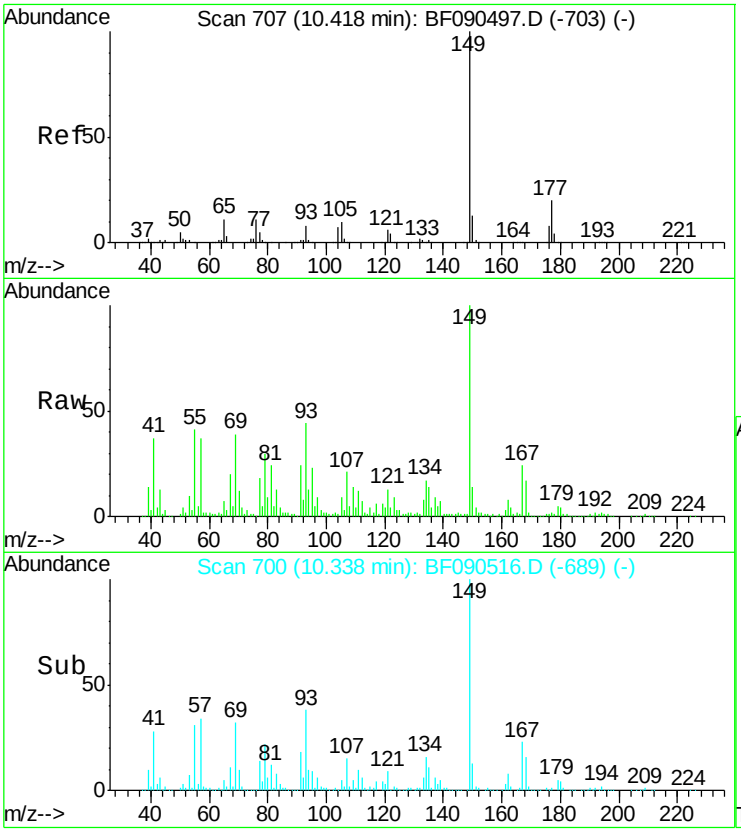


#55
4-Nitrophenol
Concen: 2.47 ng
RT: 10.06 min Scan# 676
Delta R.T. -0.05 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Tgt Ion:139 Resp: 16193

Ion	Ratio	Lower	Upper
139	100		
109	283.2	43.6	83.6#
65	66.2	87.5	127.5#



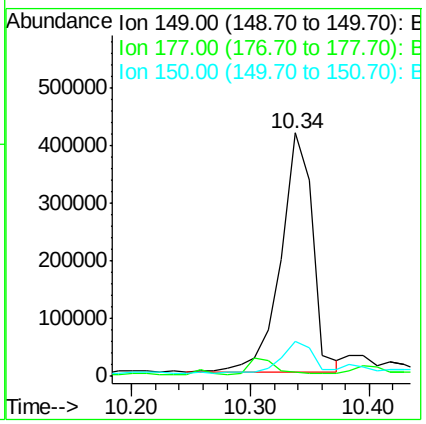


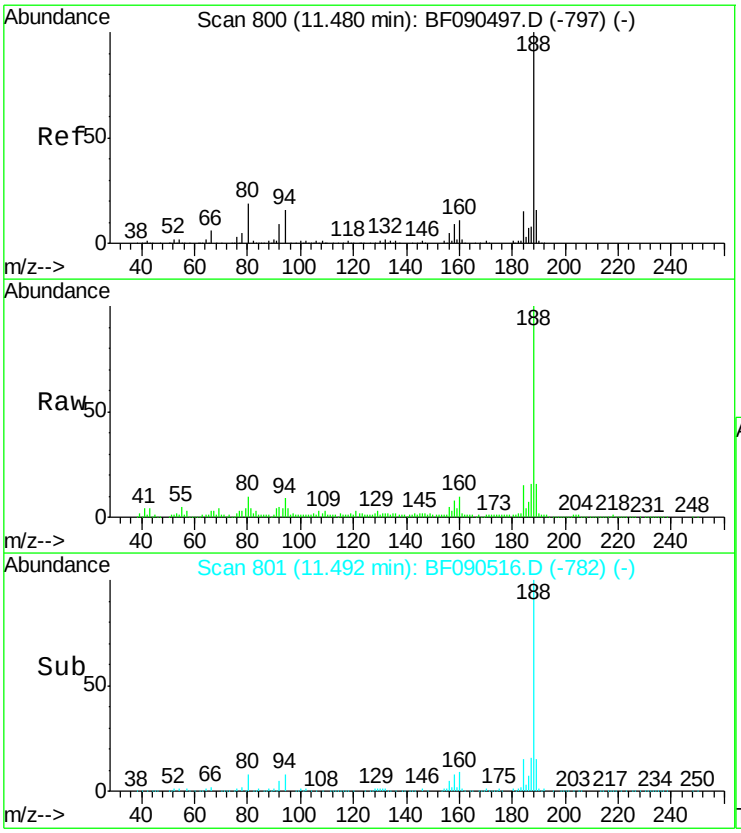
#59
Diethylphthalate
Concen: 24.16 ng
RT: 10.34 min Scan# 700
Delta R.T. -0.08 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampleId :
S8-0619

Tgt Ion:149 Resp: 757931

Ion	Ratio	Lower	Upper
149	100		
177	1.9	21.1	31.7#
150	14.1	10.2	15.2

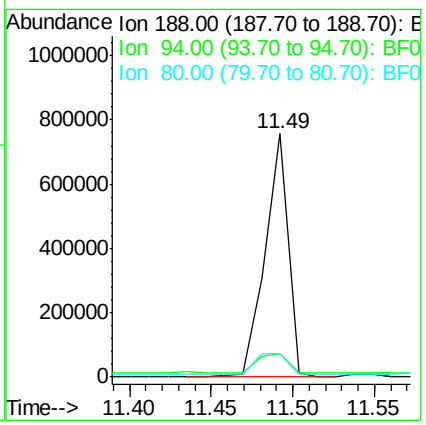


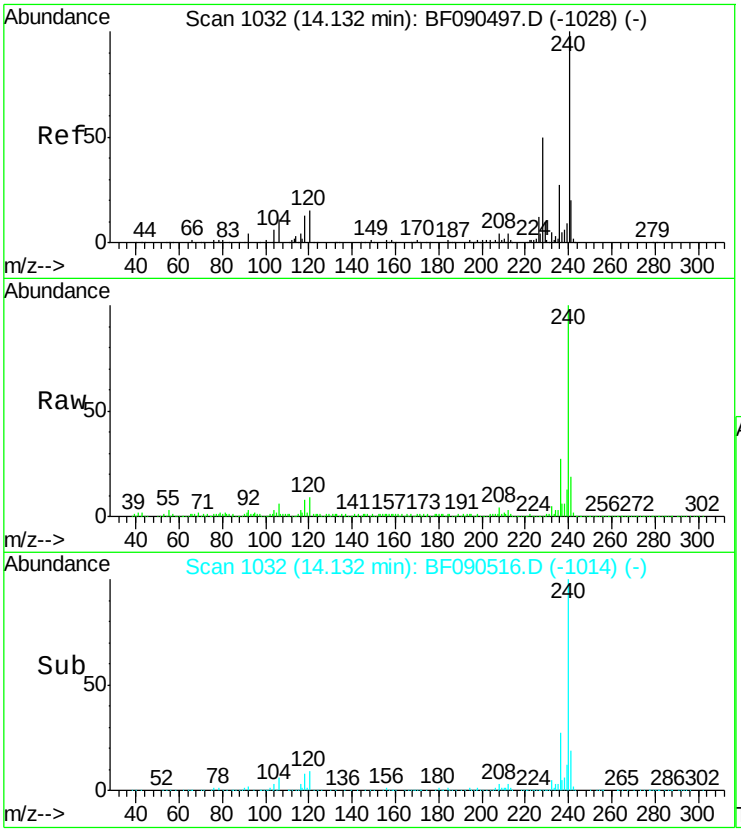


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Tgt Ion:188 Resp: 744263

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	9.7	8.8	13.2



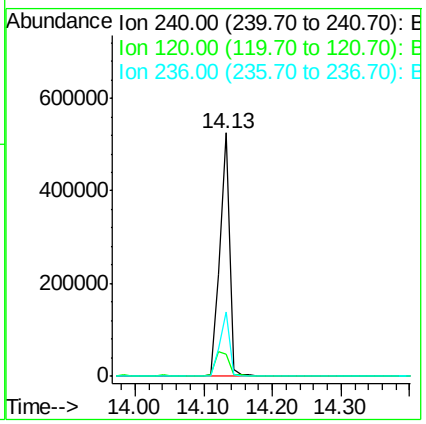


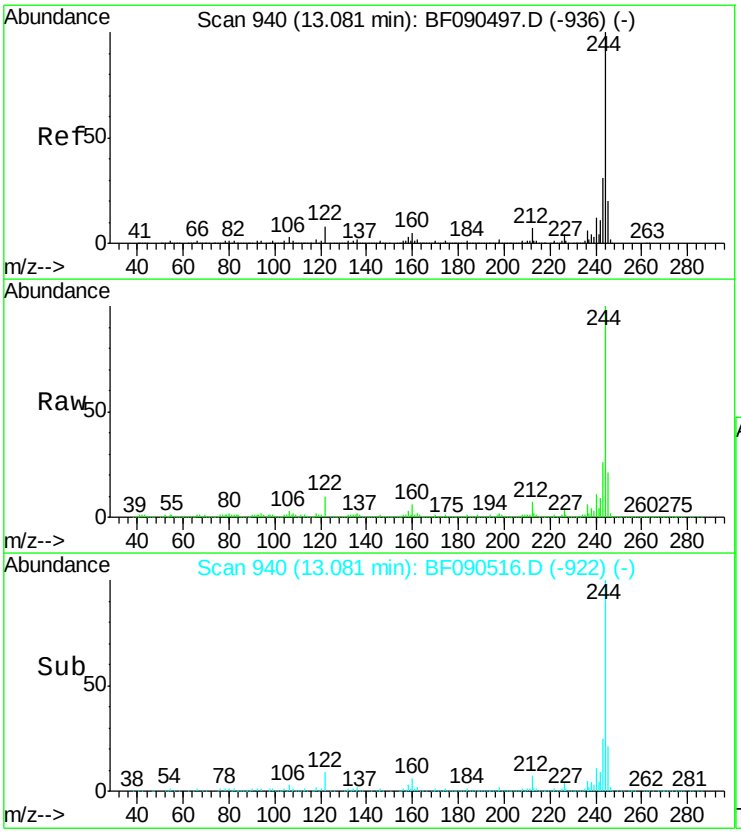
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampleId :
S8-0619

Tgt Ion:240 Resp: 526559

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.6	13.0
236	26.7	21.6	32.4

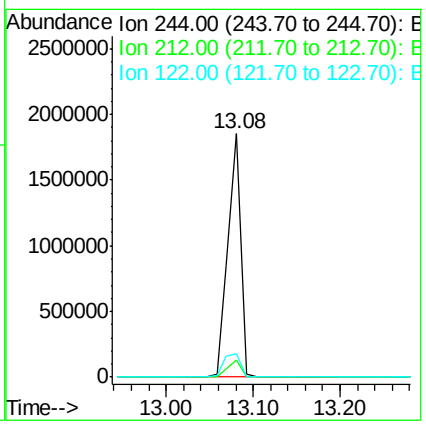


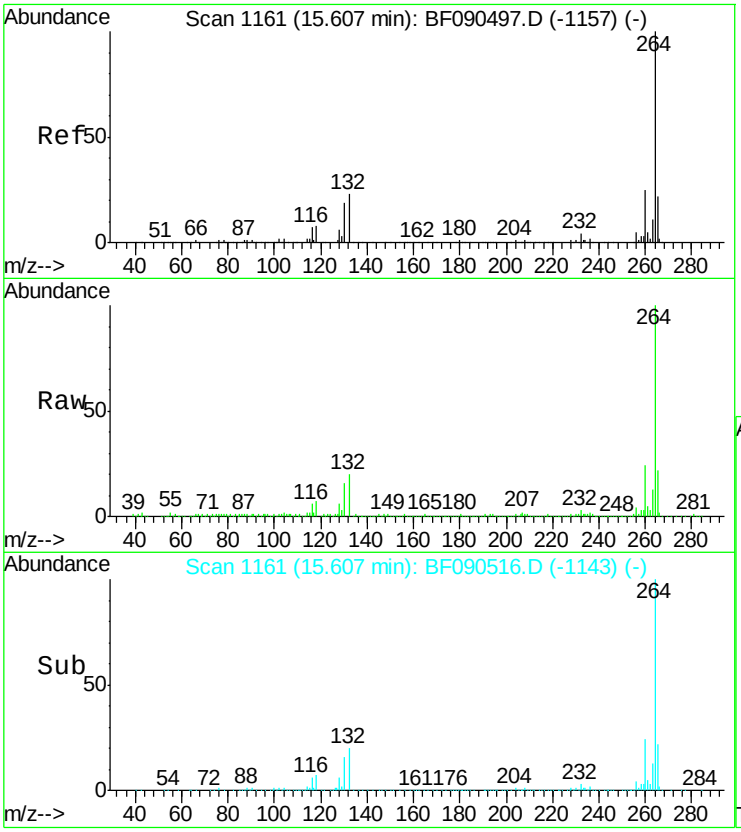


#78
Terphenyl-d14
Concen: 87.60 ng
RT: 13.08 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Tgt Ion:244 Resp: 1887543

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.8	10.2
122	9.7	13.3	19.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampleId :
S8-0619

Tgt Ion:264 Resp: 379634

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	21.8	17.4	26.0