Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090915.D
Acq On : 28 Oct 2016 18:28
Operator : UM/SJ
Sample : H5439-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9COMP(0-16FEET)

Quant Time: Oct 28 23:08:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 15:18:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139592	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	561412	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	287839	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	394691	20.00	ng	0.00
75) Chrysene-d12	13.92	240	248716	20.00	ng	-0.01
86) Perylene-d12	15.33	264	270707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1094070	137.03	ng	0.01
7) Phenol-d6	6.41	99	1290026	119.77	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1012196	118.03	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	316079	106.85	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1478709	90.21	ng	-0.01
78) Terphenyl-d14	12.88	244	1263137	127.95	ng	0.00
Target Compounds						Qvalue

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

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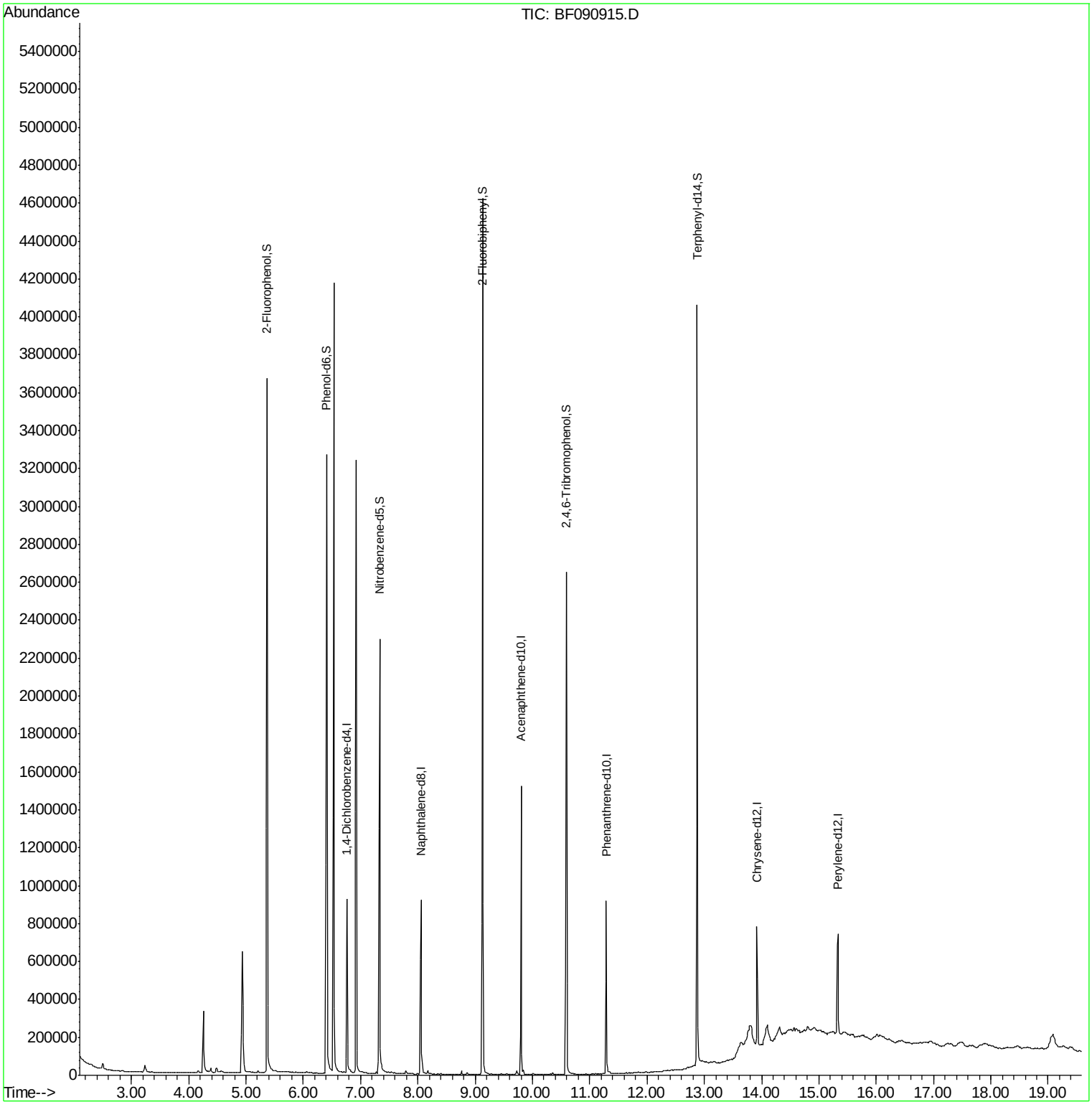
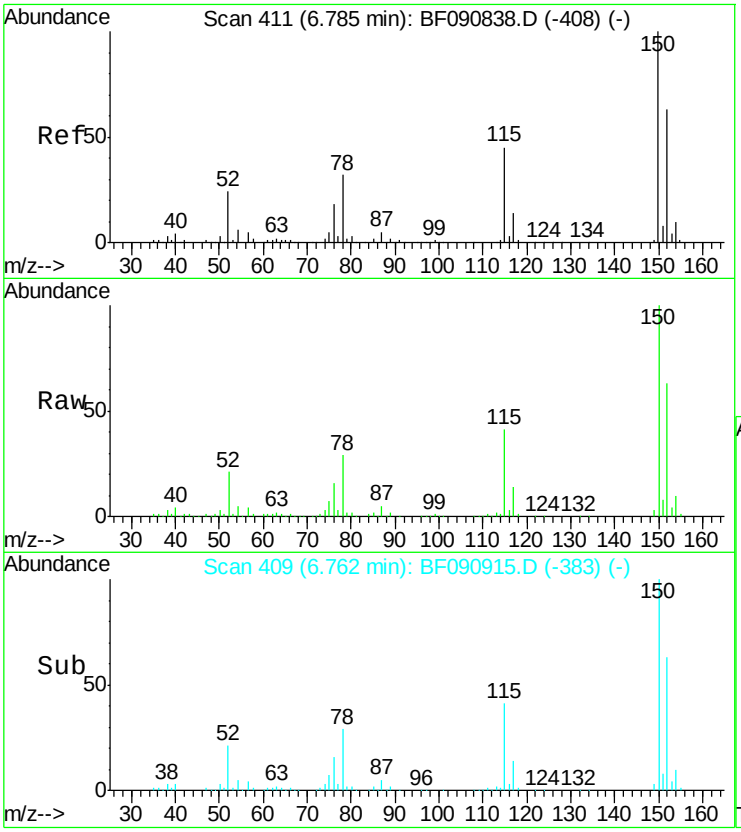


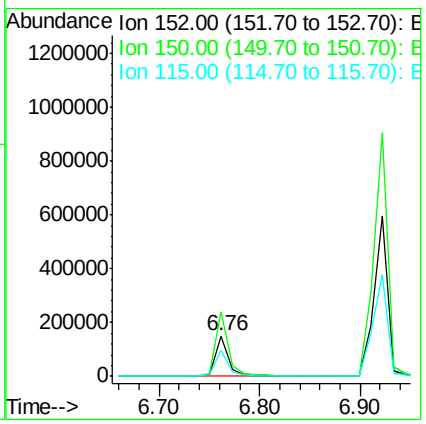


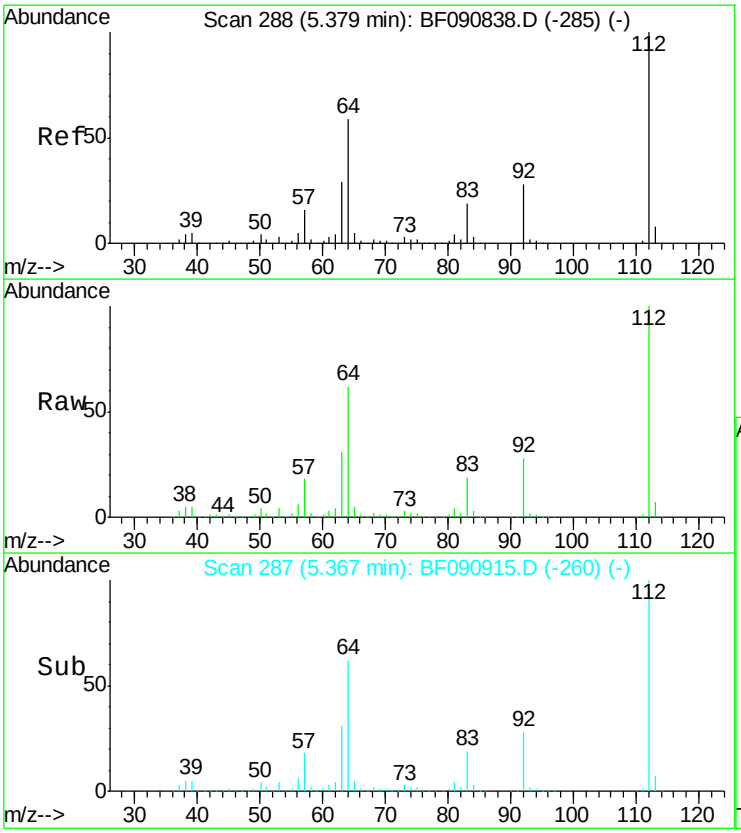
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SB-9COMP(0-16FEET)

Tgt Ion:152 Resp: 139592

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.7	187.1
115	64.6	39.0	58.4#

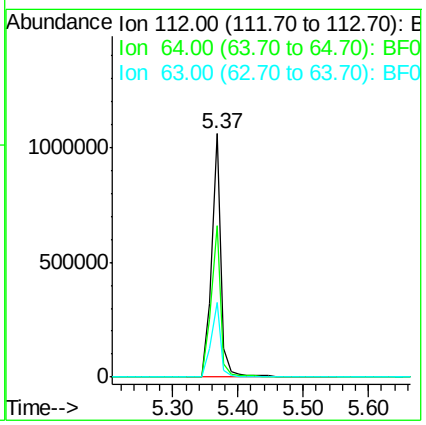


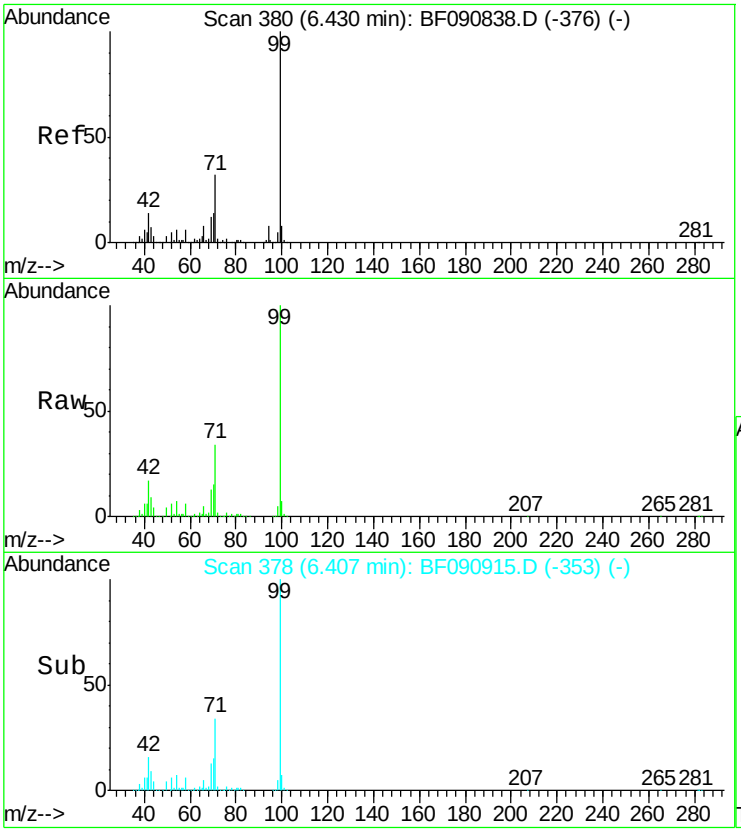


#5
2-Fluorophenol
Concen: 137.03 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Tgt Ion:112 Resp: 1094070

Ion	Ratio	Lower	Upper
112	100		
64	62.1	39.7	59.5#
63	30.6	17.4	26.0#



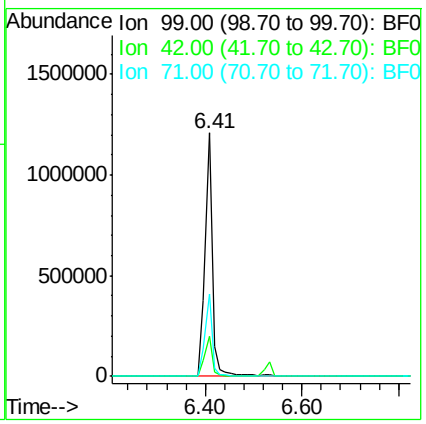


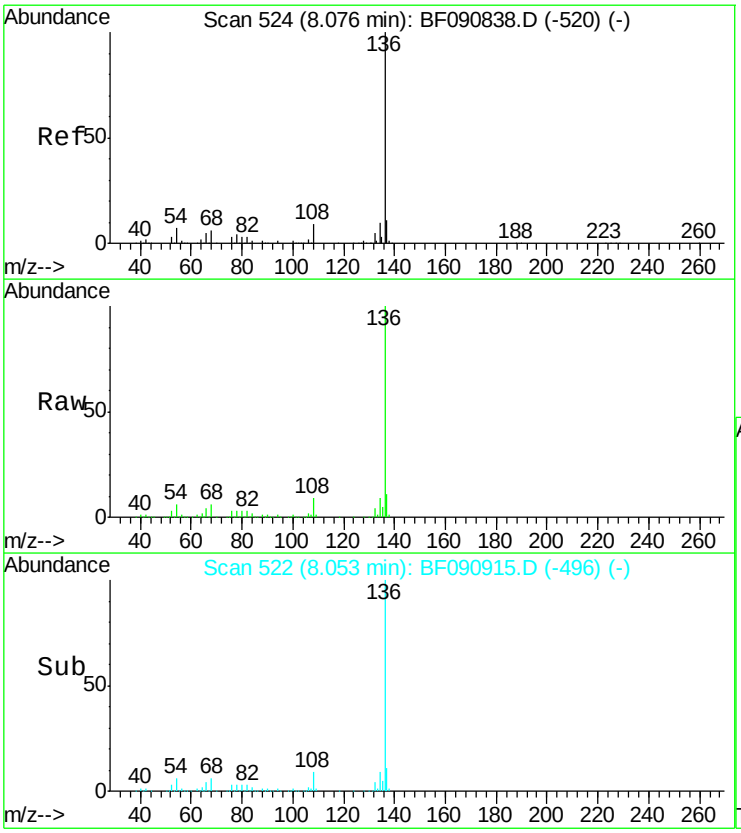
#7
Phenol-d6
Concen: 119.77 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SB-9COMP(0-16FEET)

Tgt Ion: 99 Resp: 1290026

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	33.9	14.2	21.2#

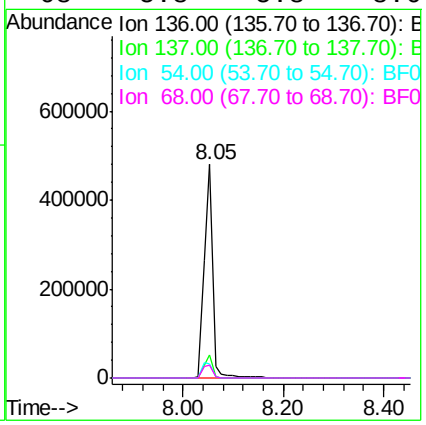


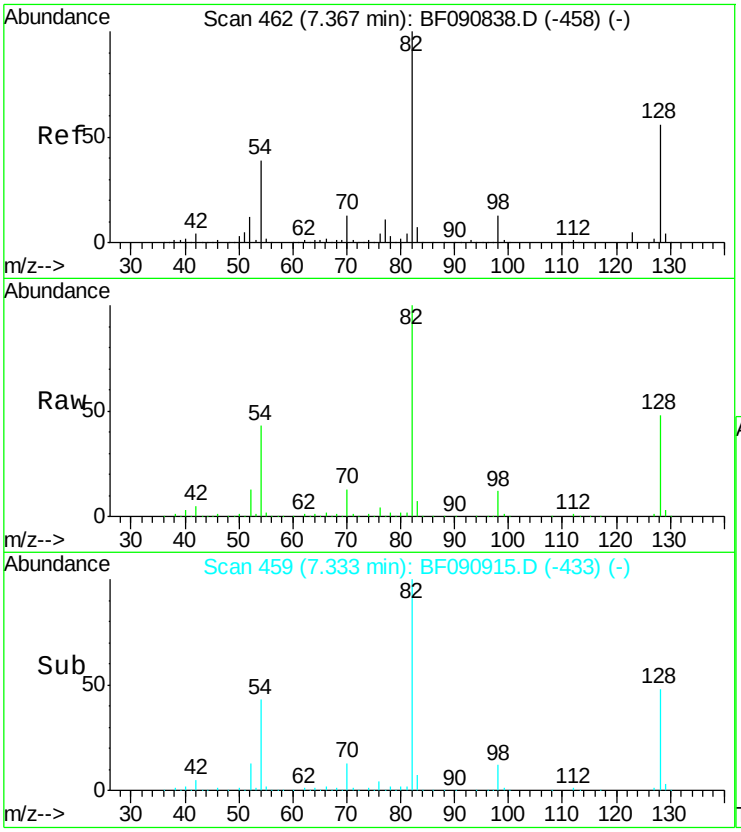


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Tgt Ion:136 Resp: 561412

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.4	8.2	12.2#
68	5.8	5.8	8.6



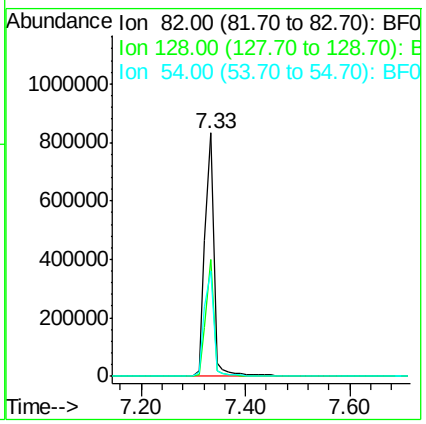


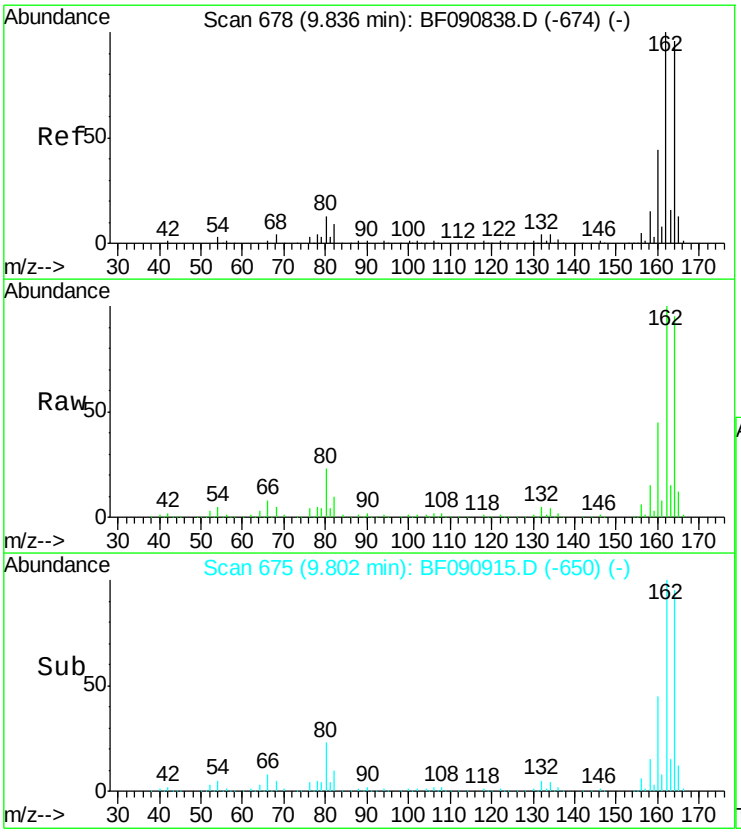
#23
Nitrobenzene-d5
Concen: 118.03 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SB-9COMP(0-16FEET)

Tgt Ion: 82 Resp: 1012196

Ion	Ratio	Lower	Upper
82	100		
128	47.9	51.0	76.6#
54	43.4	47.5	71.3#

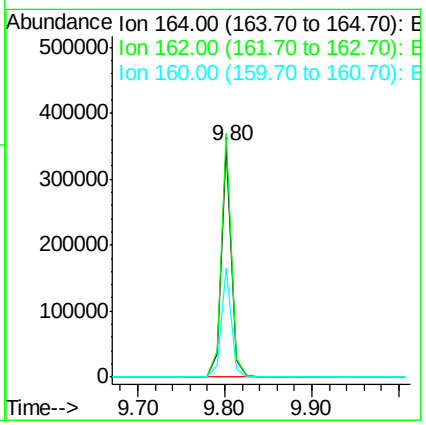


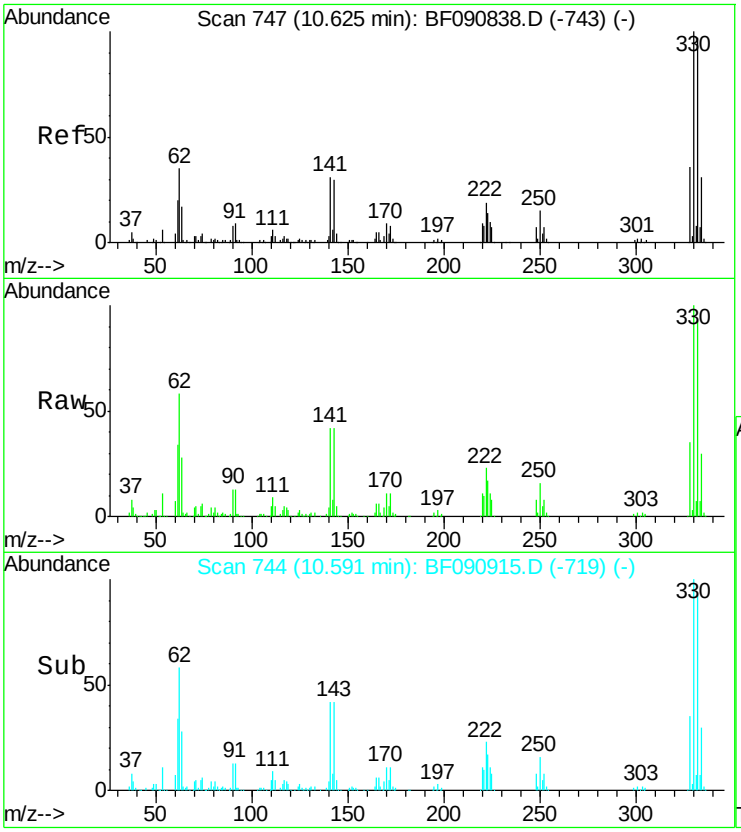


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Tgt Ion:164 Resp: 287839

Ion	Ratio	Lower	Upper
164	100		
162	105.5	75.2	112.8
160	47.1	31.5	47.3



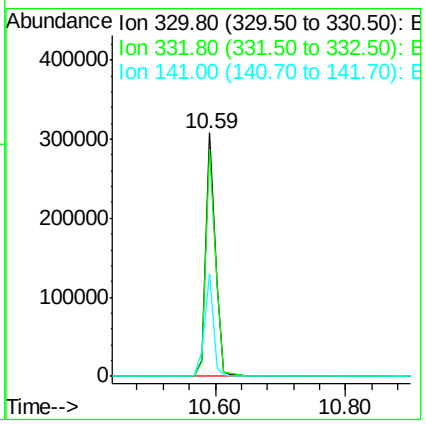


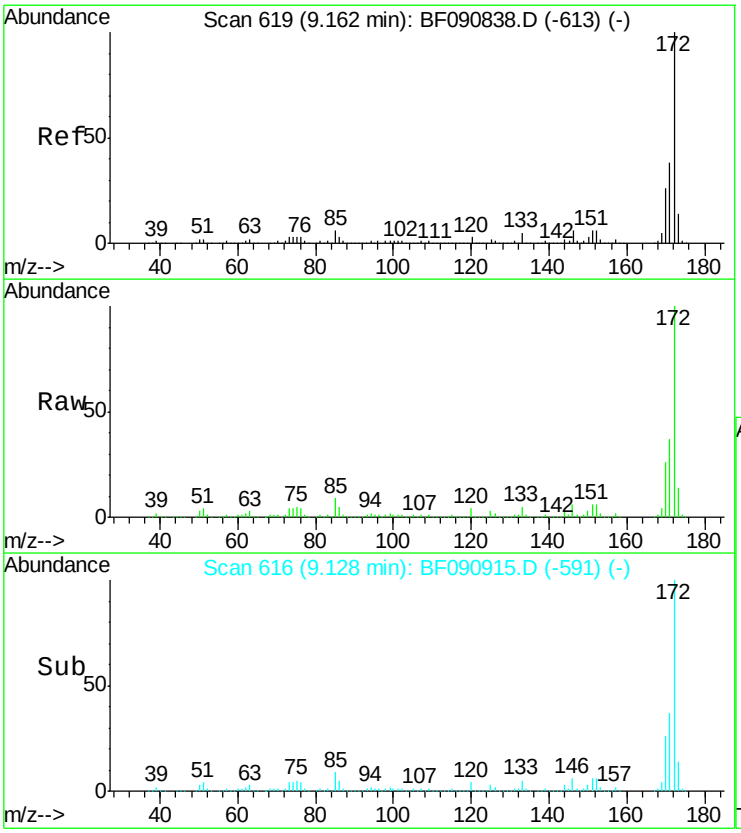
#41
2,4,6-Tribromophenol
Concen: 106.85 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SB-9COMP(0-16FEET)

Tgt Ion:330 Resp: 316079

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	38.6	29.7	44.5

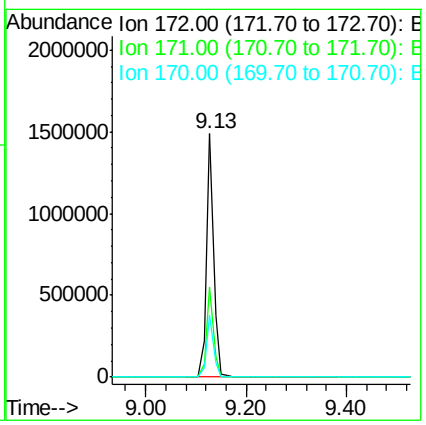


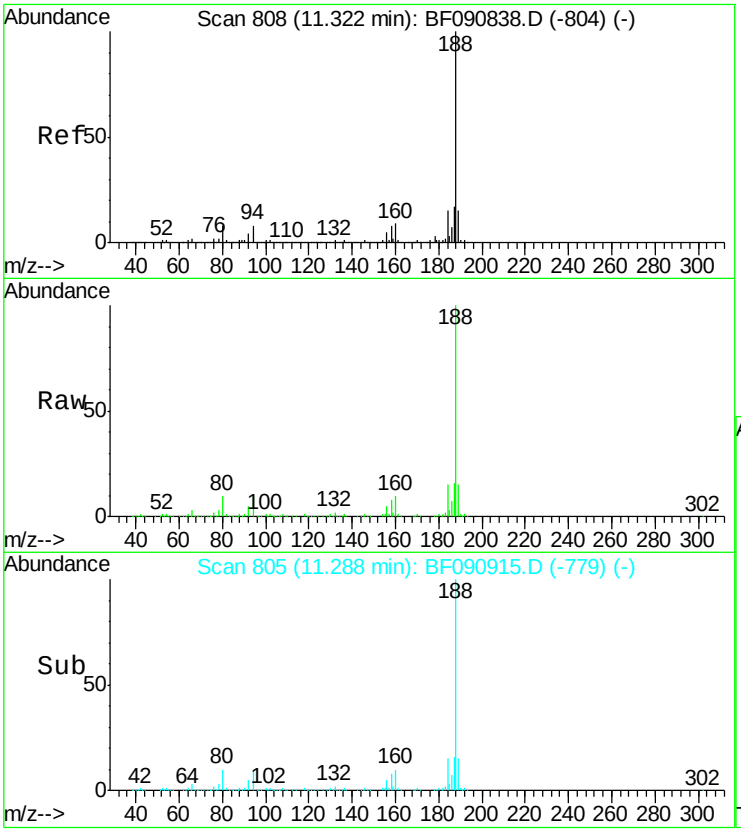


#44
2-Fluorobiphenyl
Concen: 90.21 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Tgt Ion:172 Resp: 1478709

Ion	Ratio	Lower	Upper
172	100		
171	37.2	26.1	39.1
170	25.5	17.4	26.2



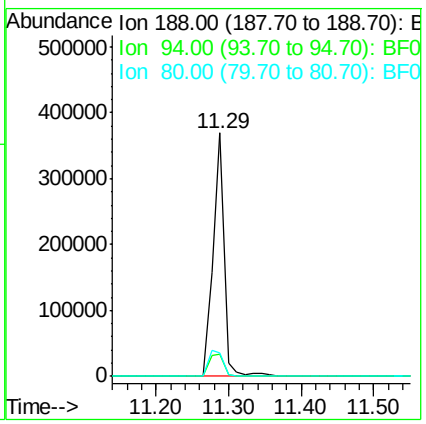


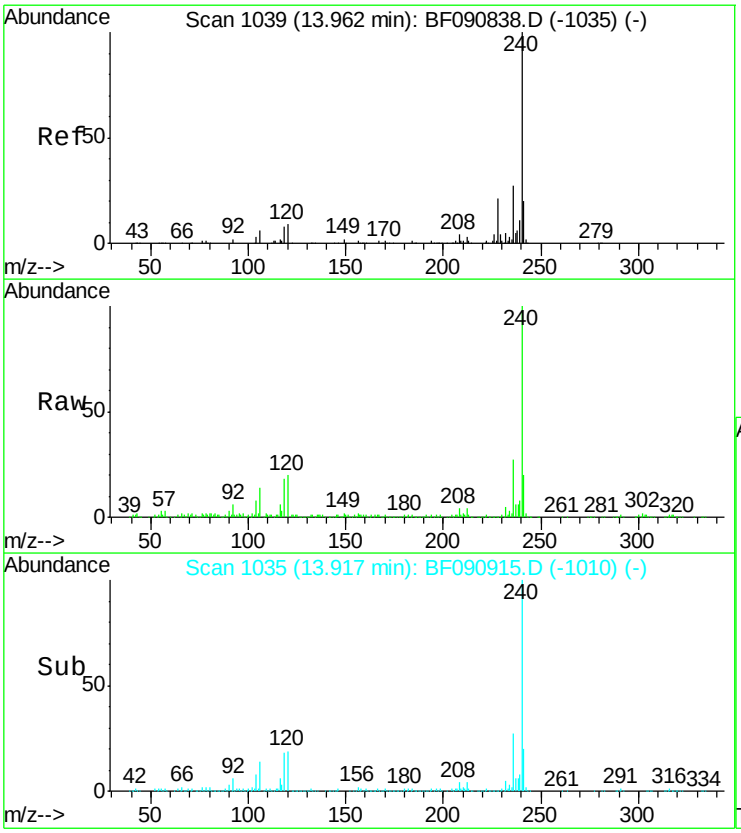
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SB-9COMP(0-16FEET)

Tgt Ion:188 Resp: 394691

Ion	Ratio	Lower	Upper
188	100		
94	9.2	11.1	16.7#
80	9.8	11.0	16.4#

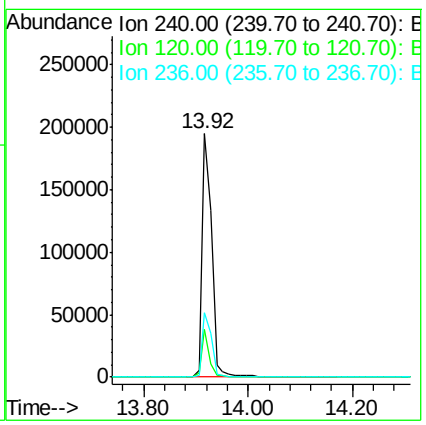


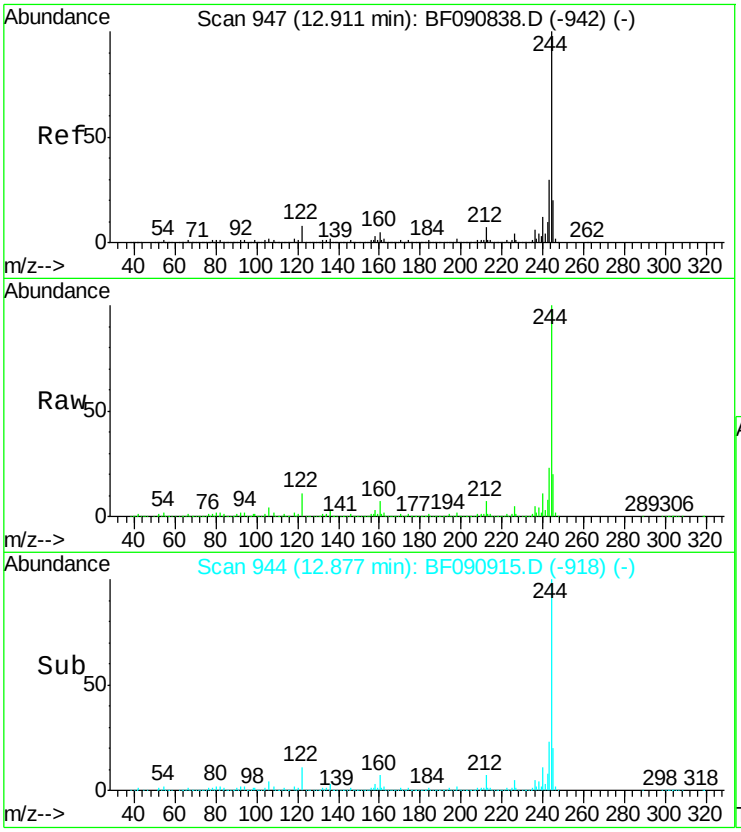


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Tgt Ion:240 Resp: 248716

Ion	Ratio	Lower	Upper
240	100		
120	19.7	16.2	24.2
236	26.6	18.4	27.6



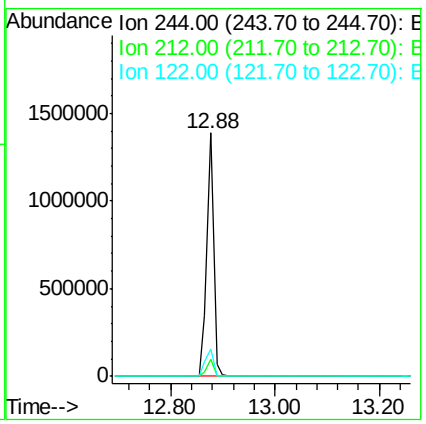


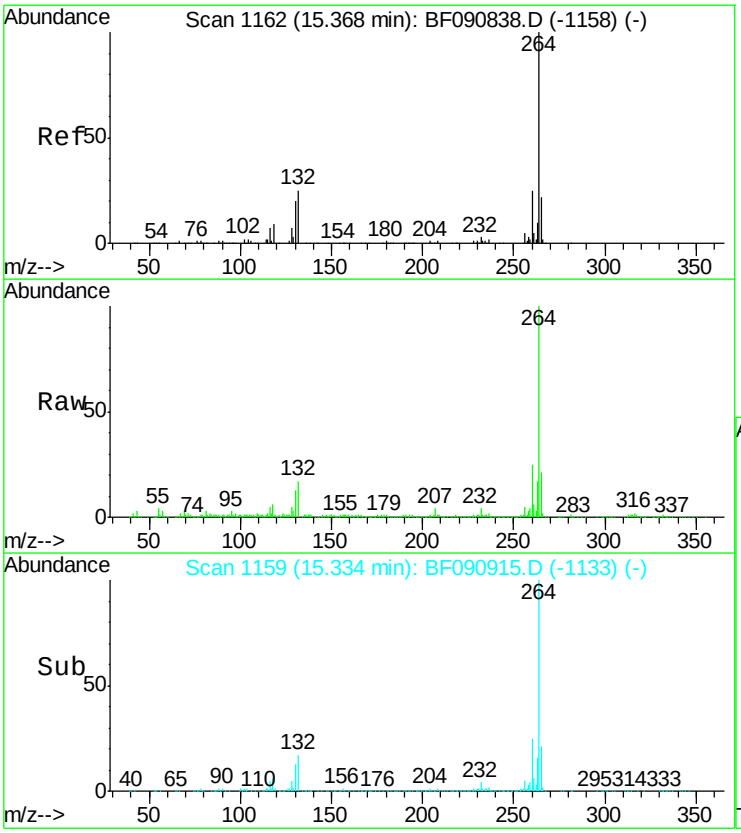
#78
Terphenyl-d14
Concen: 127.95 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SB-9COMP(0-16FEET)

Tgt Ion:244 Resp: 1263137

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	11.4	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Tgt Ion:264 Resp: 270707

Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	20.9	17.2	25.8