Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100715\
Data File : BF082116.D
Acq On : 7 Oct 2015 21:05
Operator : UM/IZ
Sample : G3891-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Time: Oct 08 04:12:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	84147	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	347925	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	164591	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	338059	20.00	ng	0.00
75) Chrysene-d12	14.05	240	338317	20.00	ng	-0.01
86) Perylene-d12	15.49	264	267025	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	300935	64.92	ng	0.00
7) Phenol-d6	6.49	99	230588	39.53	ng	-0.01
23) Nitrobenzene-d5	7.44	82	492803	94.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	232637	139.56	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	986821	105.10	ng	-0.01
78) Terphenyl-d14	13.00	244	1065375	110.80	ng	0.00

Target Compounds	Qvalue

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

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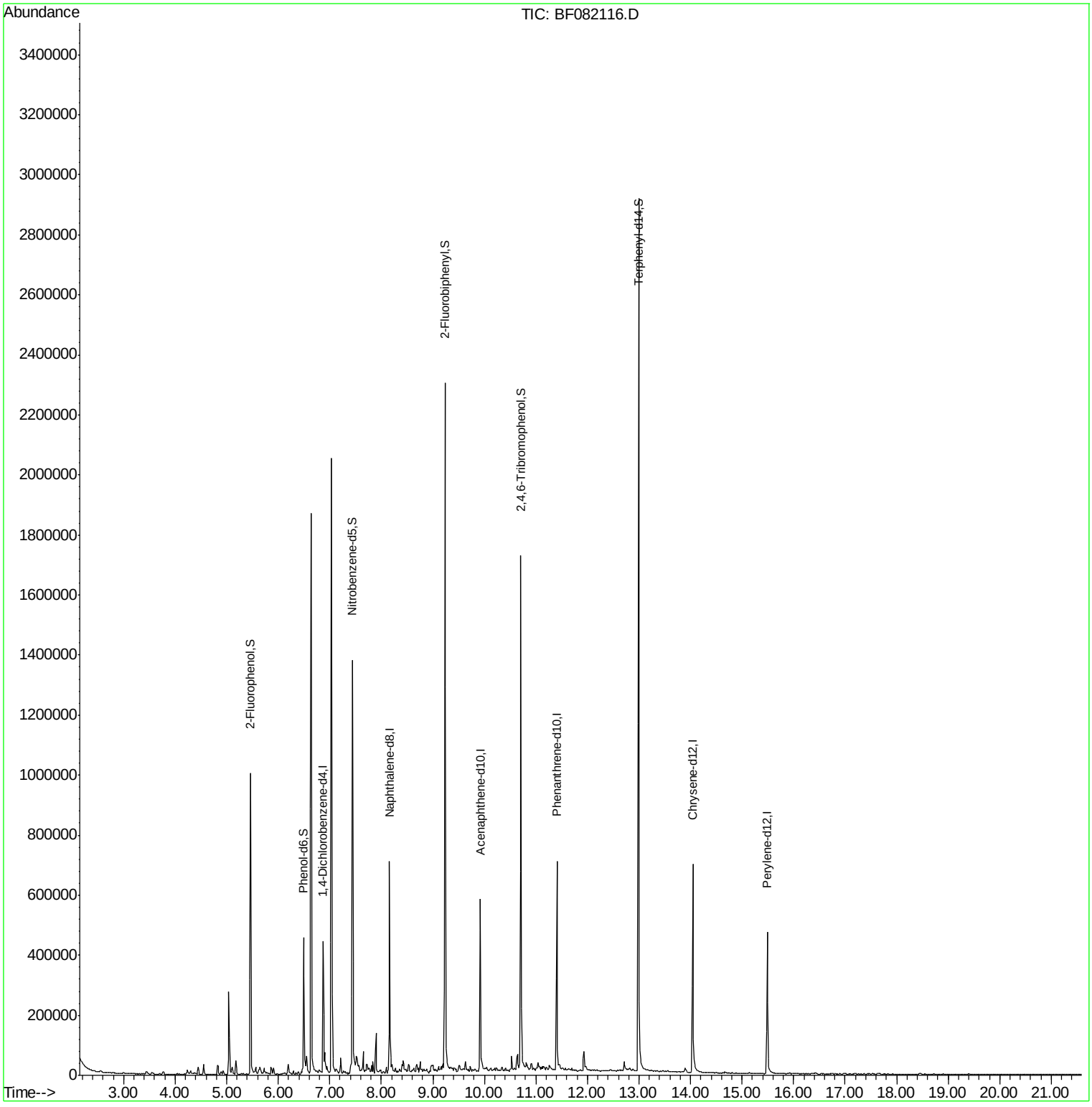
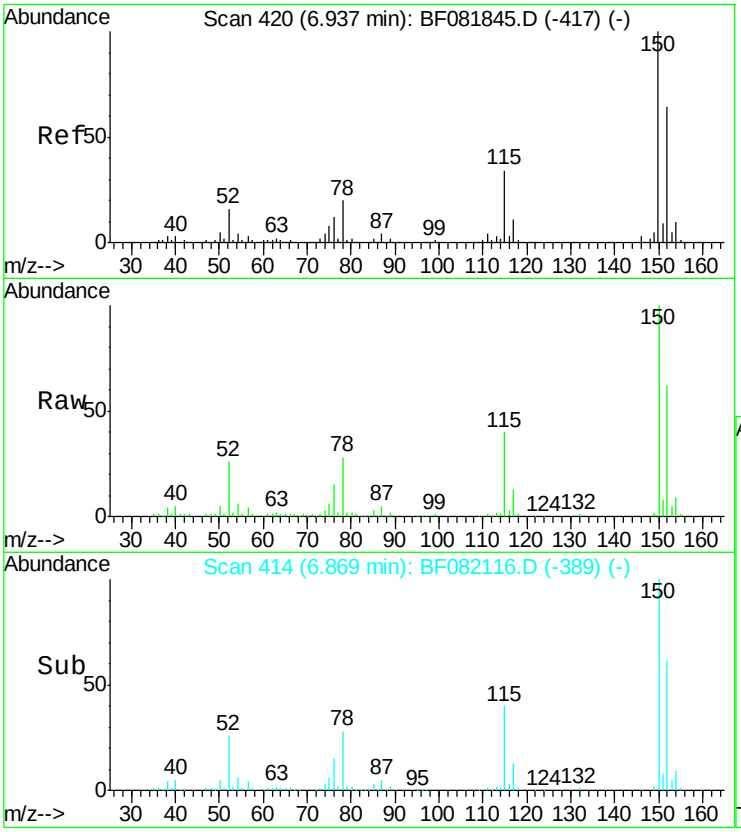


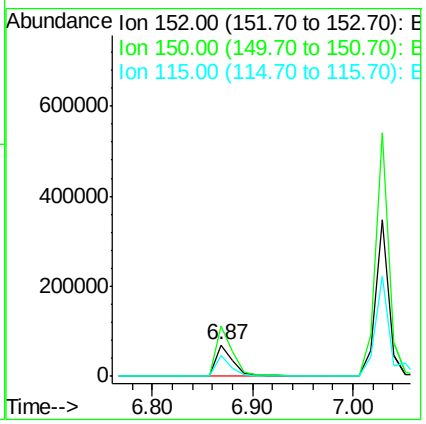


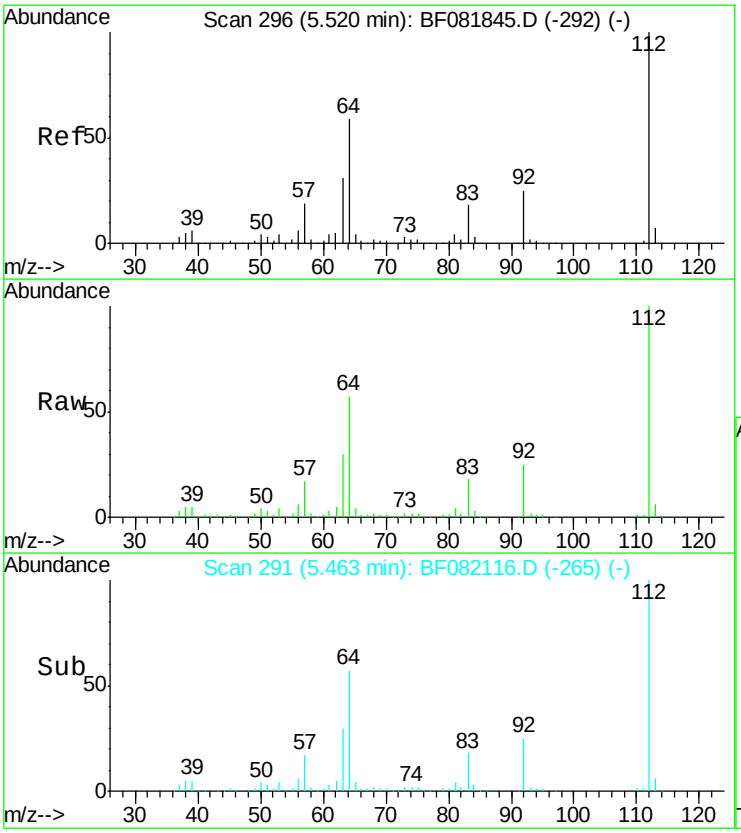
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 84147

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.7	187.1
115	64.8	39.0	58.4#

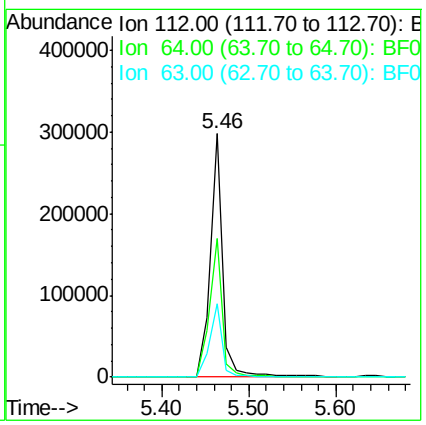


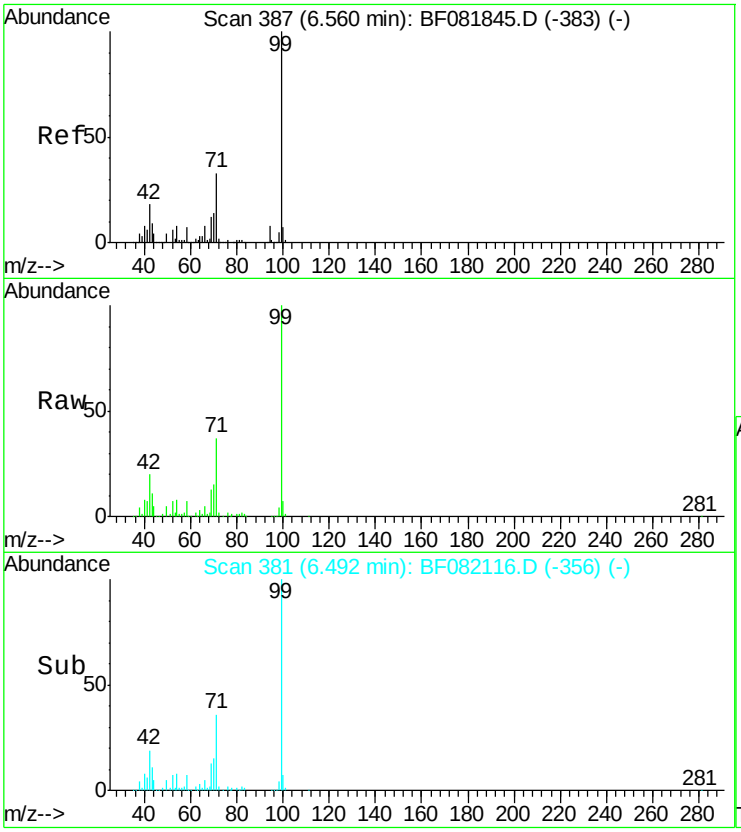


#5
2-Fluorophenol
Concen: 64.92 ng
RT: 5.46 min Scan# 291
Delta R.T. -0.00 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Tgt Ion:112 Resp: 300935

Ion	Ratio	Lower	Upper
112	100		
64	56.9	39.7	59.5
63	30.0	17.4	26.0#



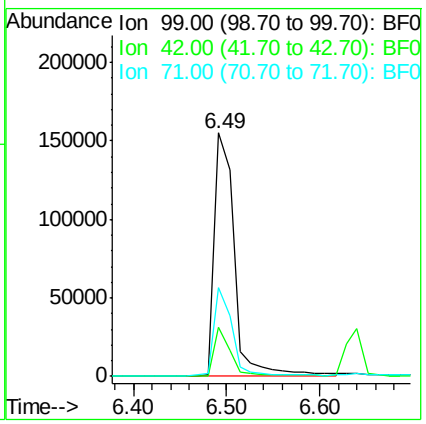


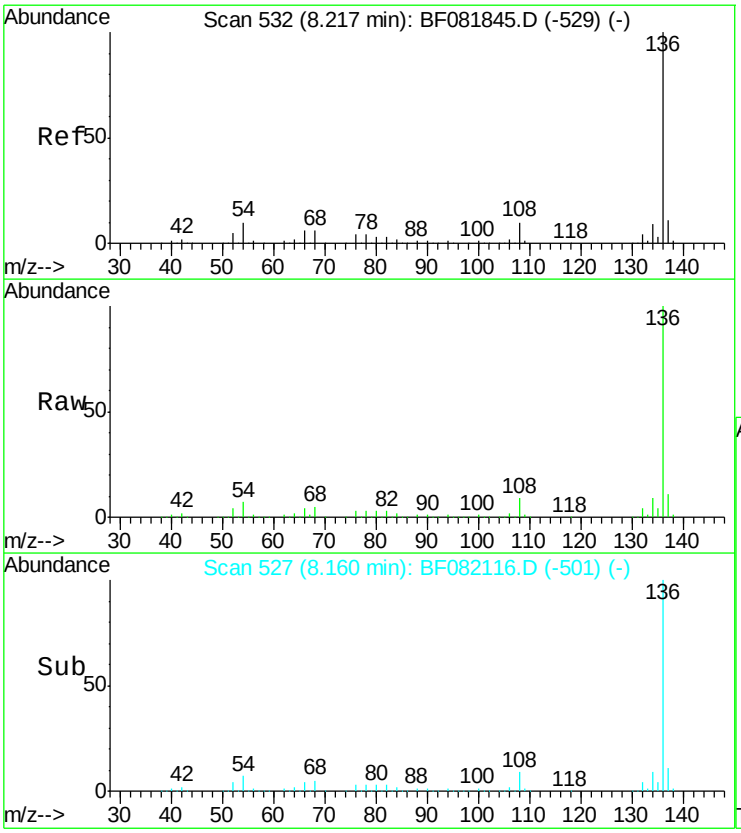
#7
Phenol-d6
Concen: 39.53 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 230588

Ion	Ratio	Lower	Upper
99	100		
42	20.4	13.7	20.5
71	36.6	14.2	21.2#

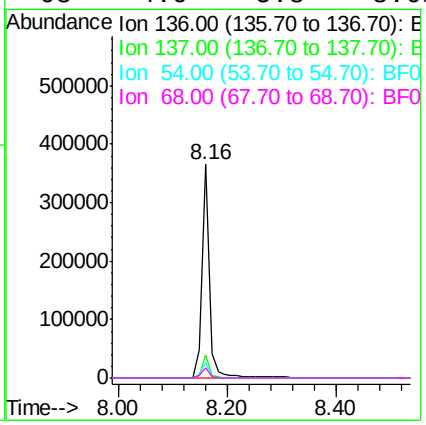


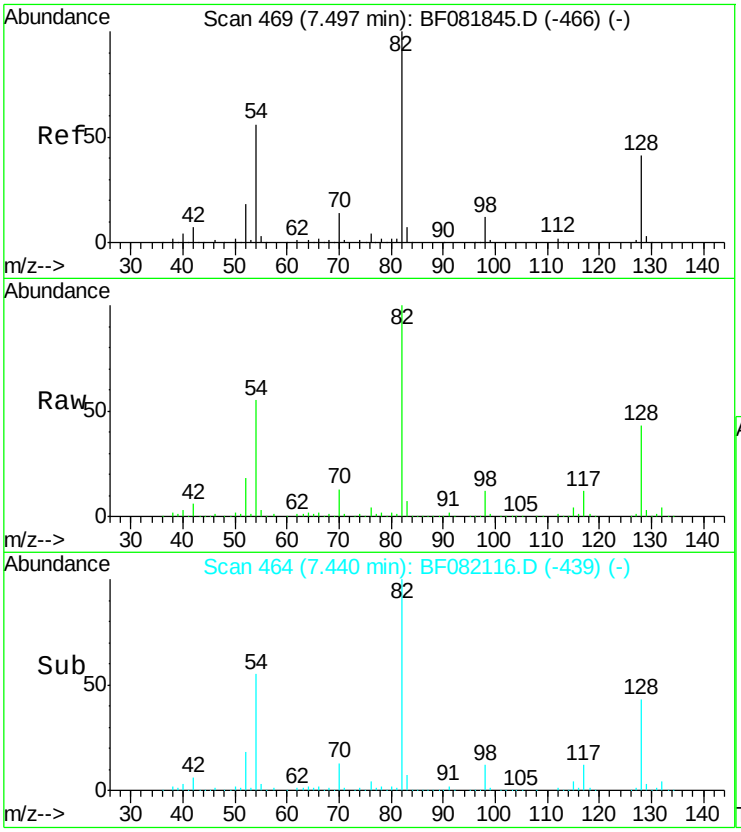


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Tgt Ion:136 Resp: 347925

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	7.1	8.2	12.2#
68	4.9	5.8	8.6#



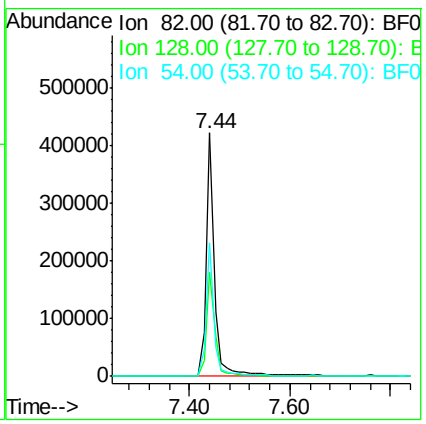


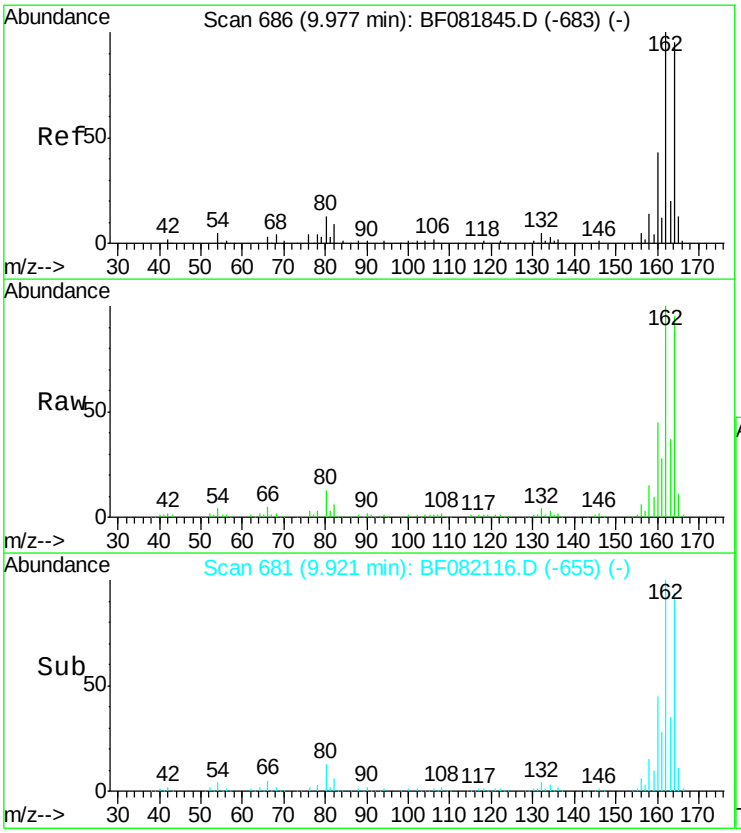
#23
Nitrobenzene-d5
Concen: 94.42 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 492803

Ion	Ratio	Lower	Upper
82	100		
128	42.5	51.0	76.6#
54	54.6	47.5	71.3

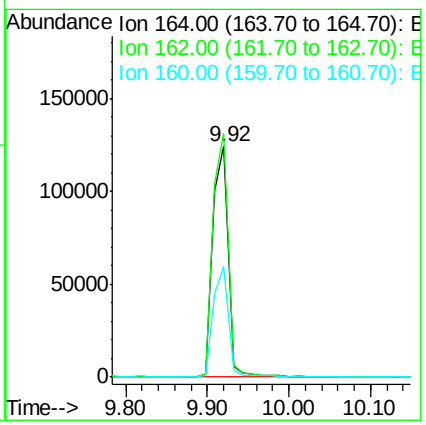


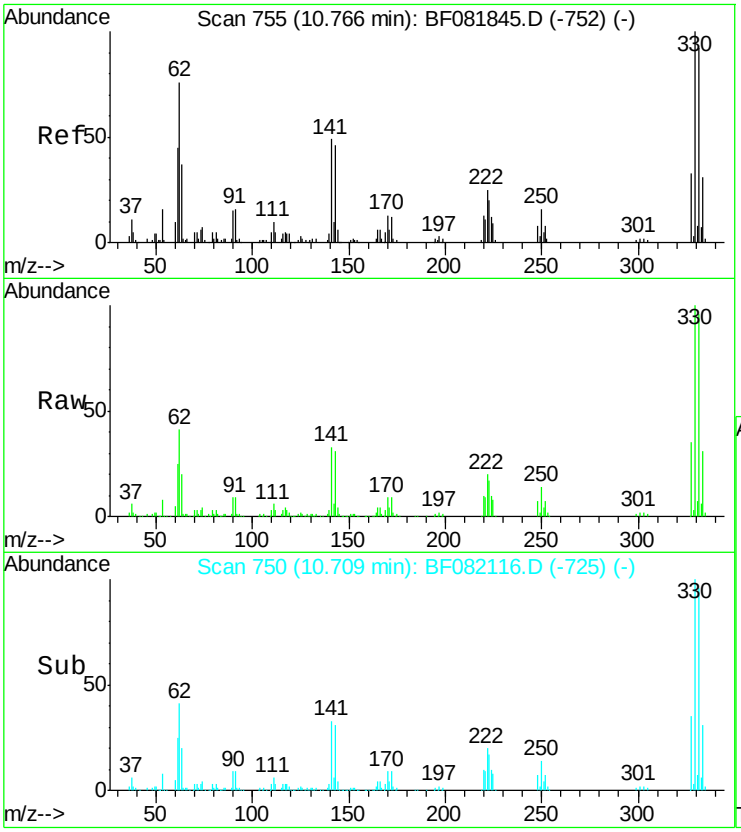


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Tgt Ion:164 Resp: 164591

Ion	Ratio	Lower	Upper
164	100		
162	105.8	75.2	112.8
160	48.1	31.5	47.3#



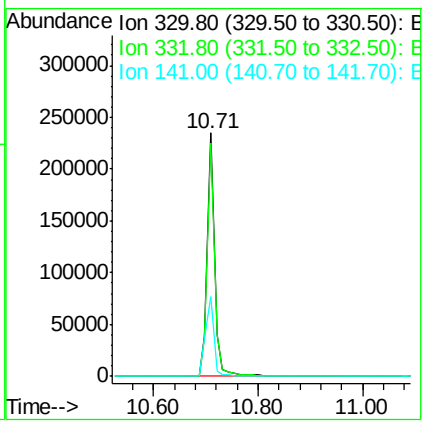


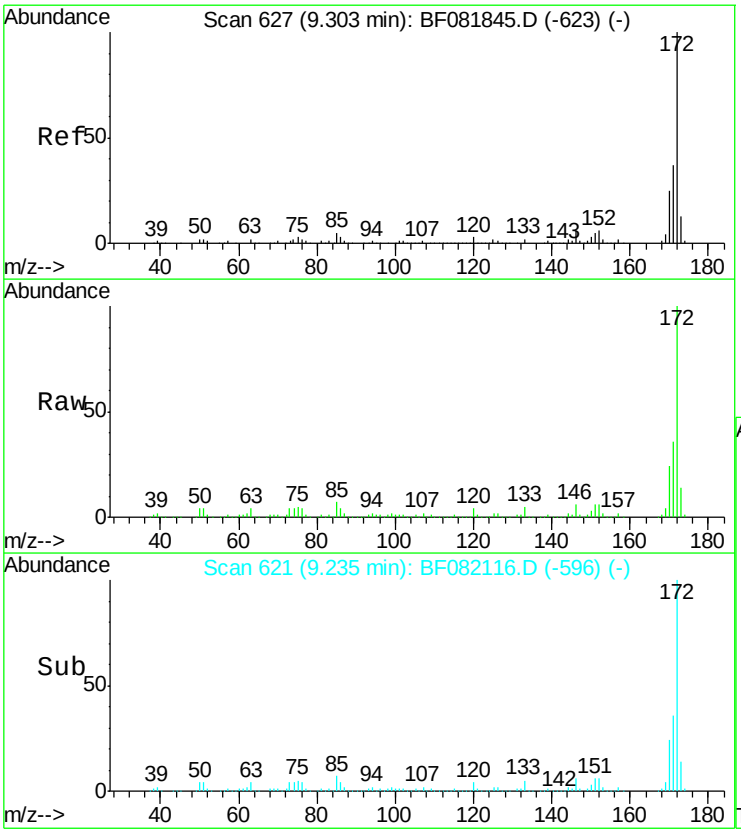
#41
2,4,6-Tribromophenol
Concen: 139.56 ng
RT: 10.71 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:330 Resp: 232637

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	36.9	29.7	44.5

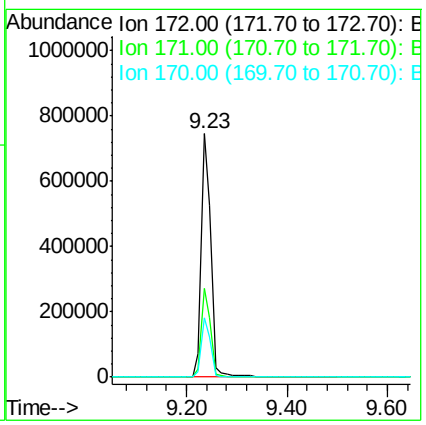


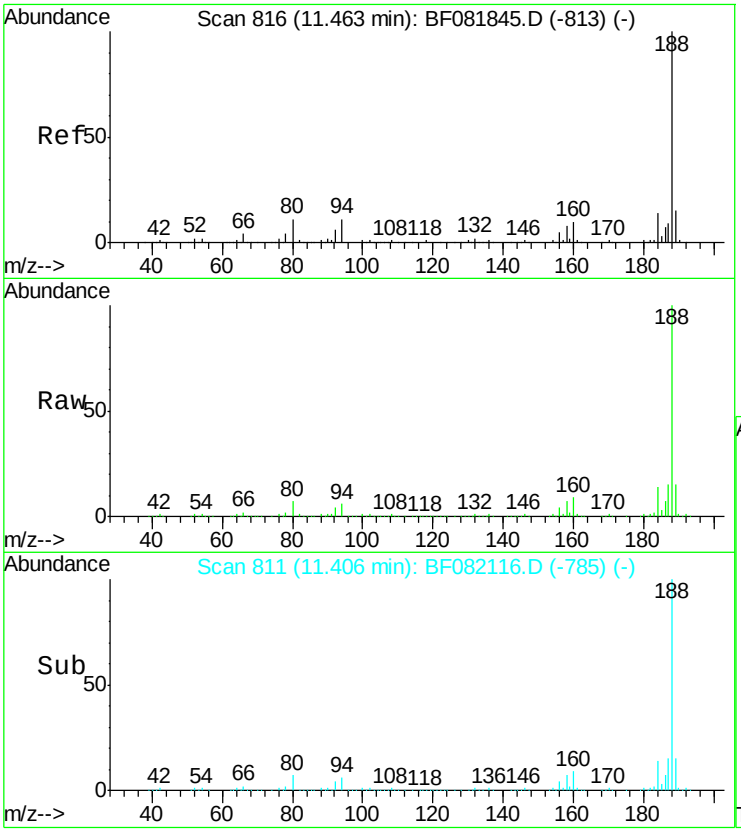


#44
2-Fluorobiphenyl
Concen: 105.10 ng
RT: 9.23 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Tgt Ion:172 Resp: 986821

Ion	Ratio	Lower	Upper
172	100		
171	36.4	26.1	39.1
170	24.5	17.4	26.2



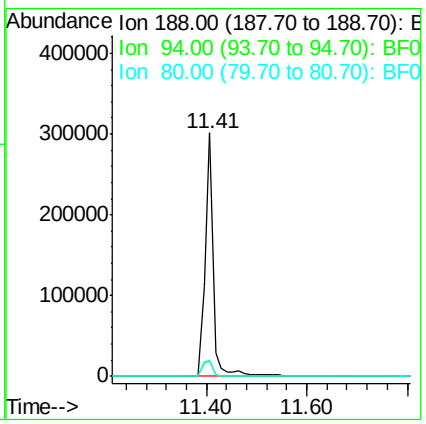


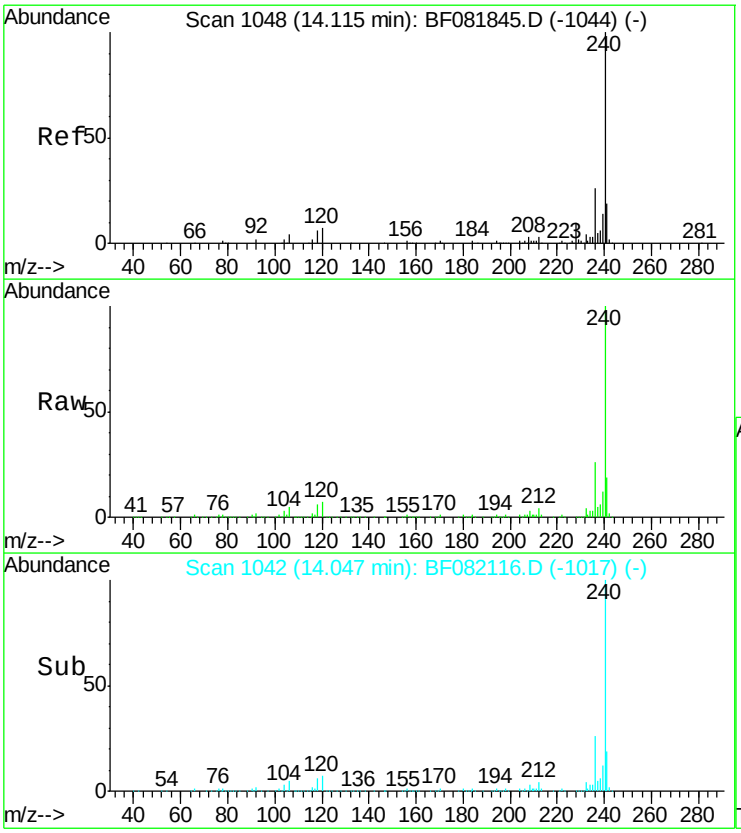
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 338059

Ion	Ratio	Lower	Upper
188	100		
94	6.4	11.1	16.7#
80	6.7	11.0	16.4#

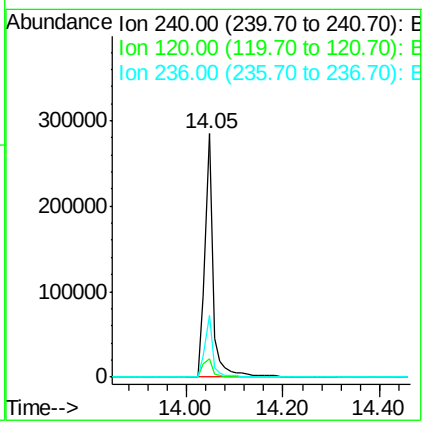


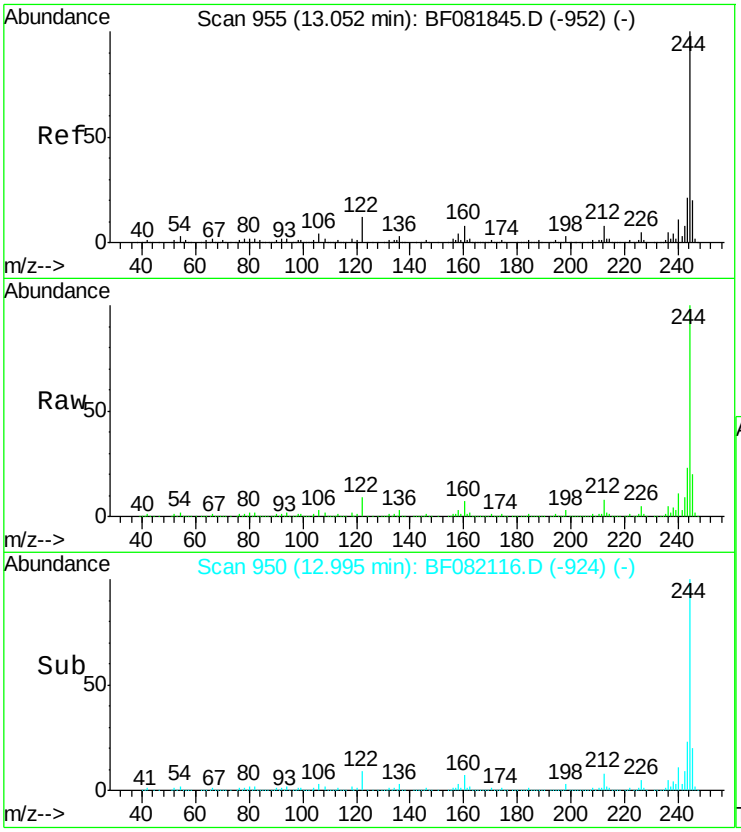


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Tgt Ion:240 Resp: 338317

Ion	Ratio	Lower	Upper
240	100		
120	7.3	16.2	24.2#
236	25.6	18.4	27.6



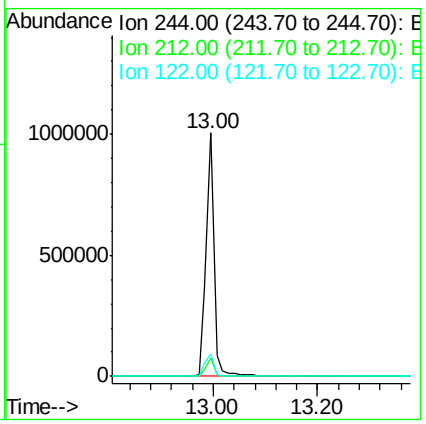


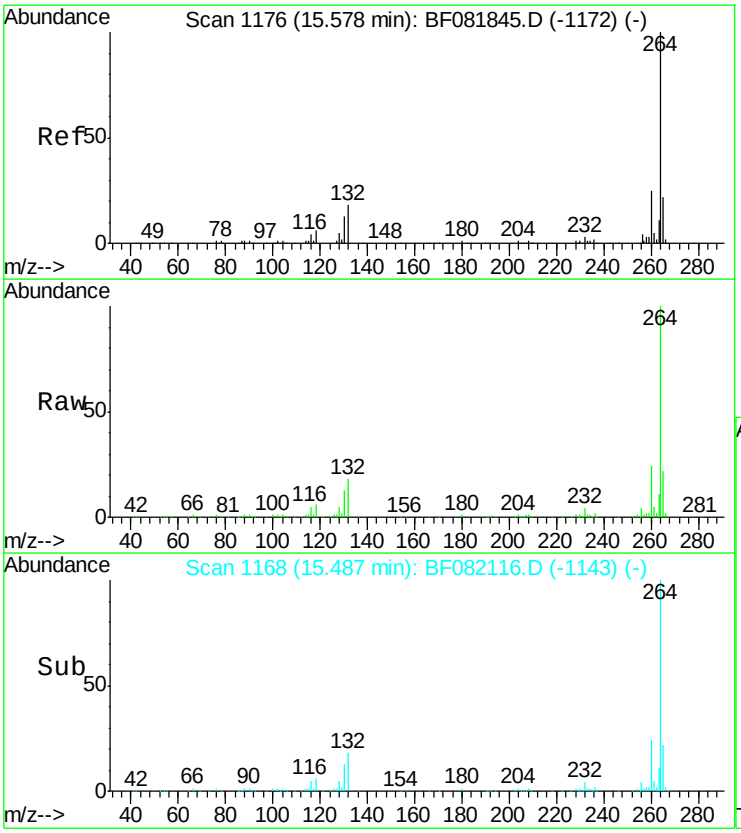
#78
Terphenyl-d14
Concen: 110.80 ng
RT: 13.00 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 1065375

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	9.4	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF082116.D
Acq: 7 Oct 2015 21:05

Tgt Ion:264 Resp: 267025

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.9	17.2	25.8