Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
Data File : BF085011.D
Acq On : 11 Feb 2016 11:37
Operator : SJ/IZ
Sample : PB88297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88297BL

Quant Time: Feb 11 16:46:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	135188	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	579630	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	285966	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	518090	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	416424	20.00	ng	-0.02
86) Perylene-d12	15.11	264	286106	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1017295	117.21	ng	0.00
7) Phenol-d6	6.27	99	1473897	136.98	ng	-0.01
23) Nitrobenzene-d5	7.18	82	823949	80.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	335572	112.50	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1601739	100.44	ng	-0.01
78) Terphenyl-d14	12.72	244	1642950	89.40	ng	-0.01
Target Compounds						Qvalue

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

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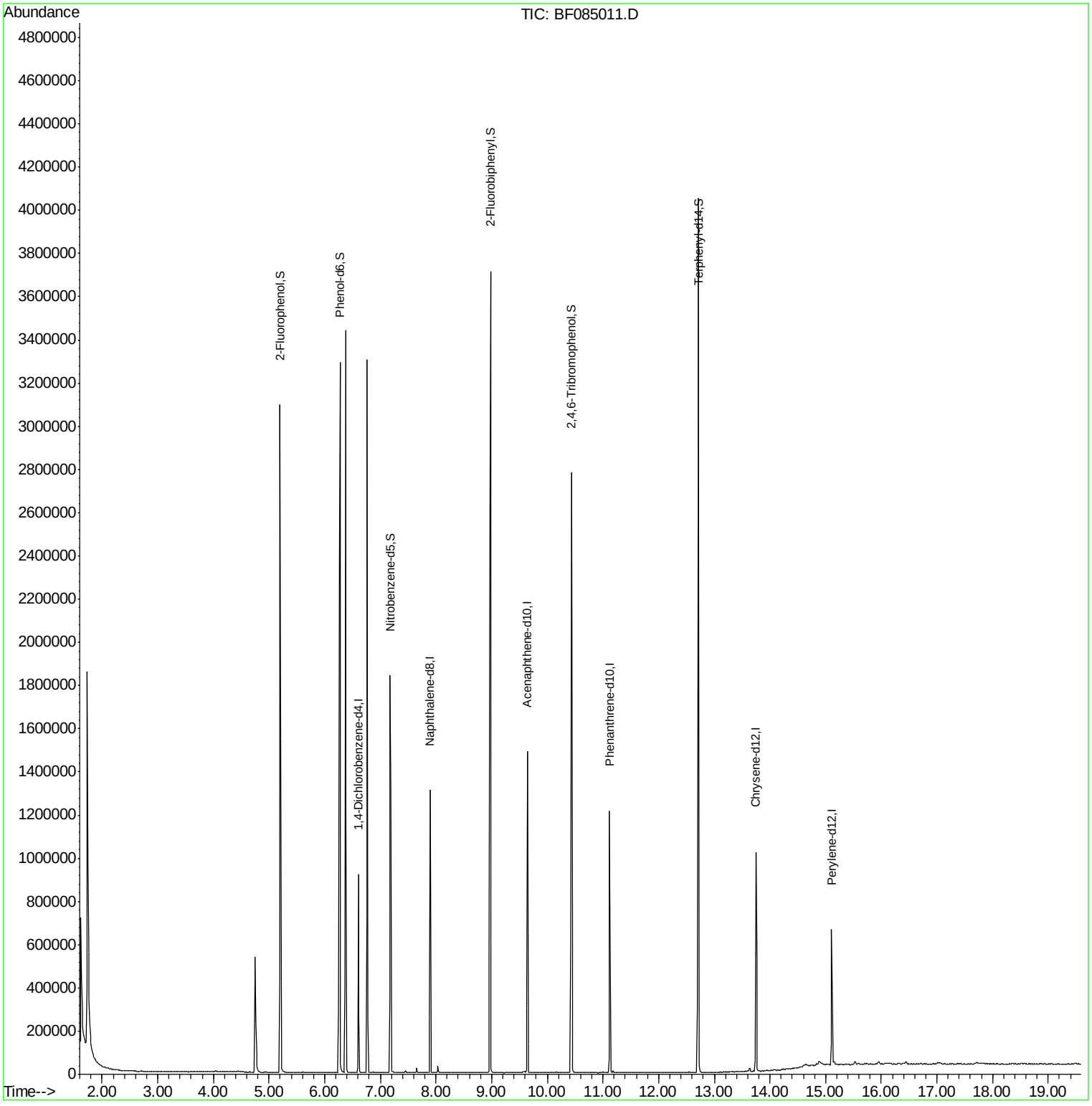
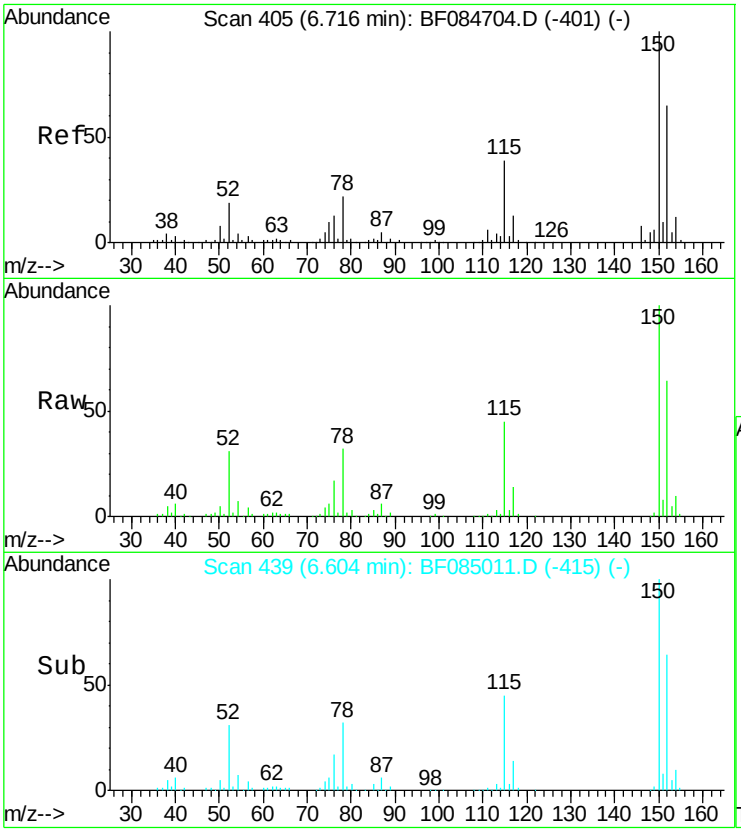


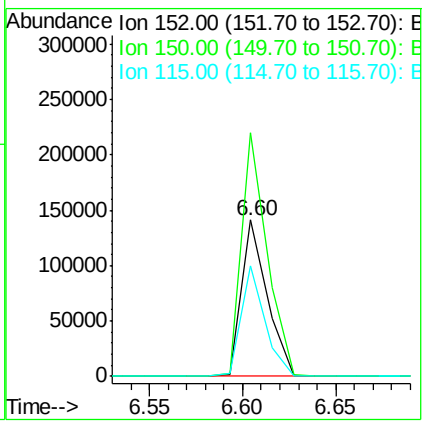


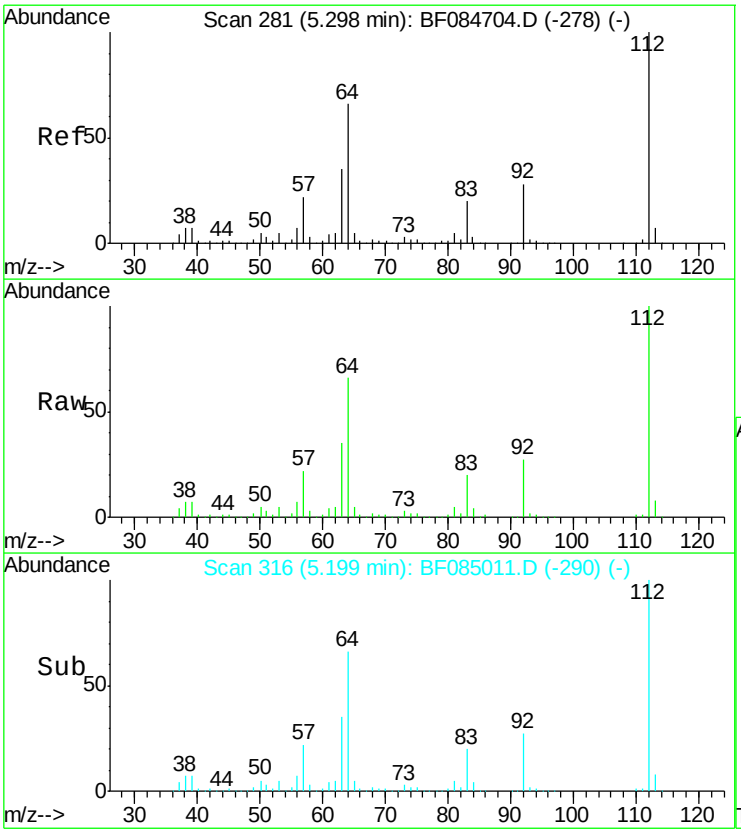
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF085011.D
Acq: 11 Feb 2016 11:37

Instrument :
BNA_F
ClientSampleId :
PB88297BL

Tgt Ion:152 Resp: 135188

Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.0	184.4
115	70.6	51.4	77.2

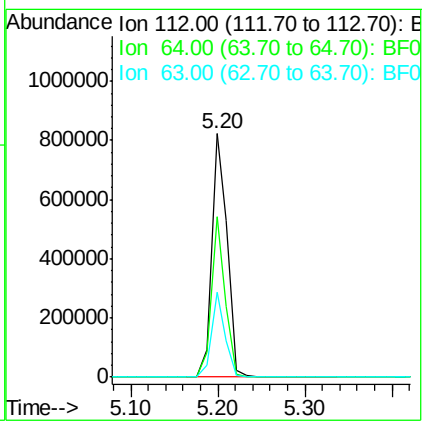


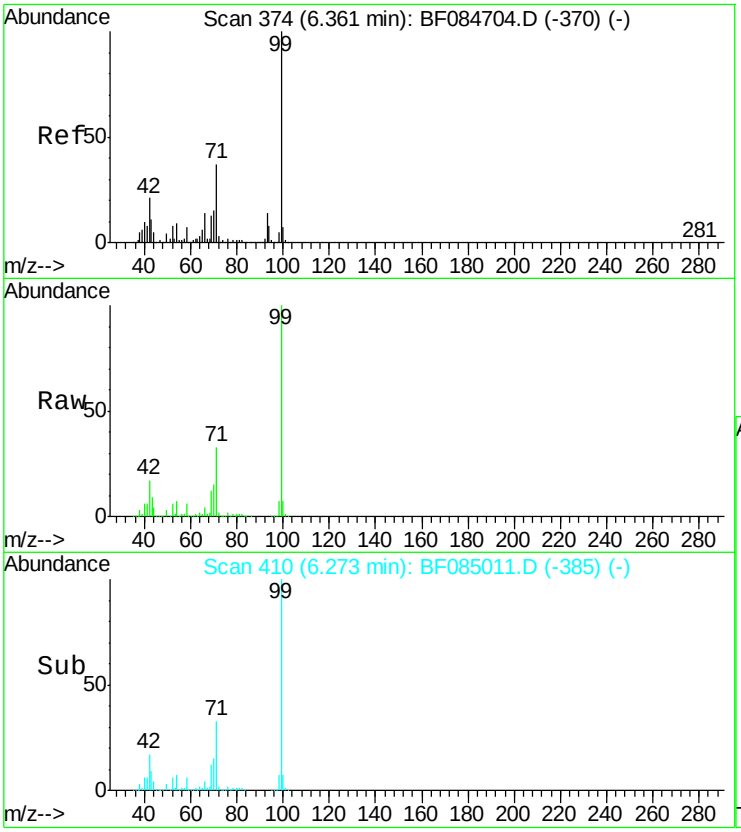


#5
2-Fluorophenol
Concen: 117.21 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.00 min
Lab File: BF085011.D
Acq: 11 Feb 2016 11:37

Tgt Ion:112 Resp: 1017295

Ion	Ratio	Lower	Upper
112	100		
64	65.6	36.6	55.0#
63	34.9	19.4	29.0#



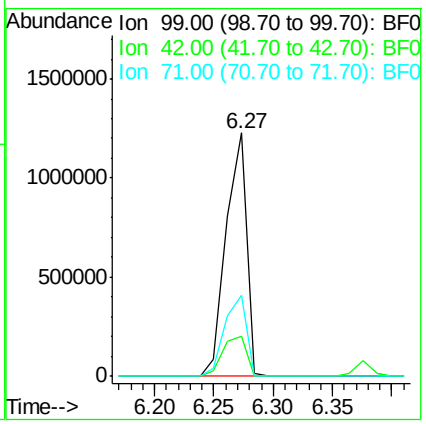


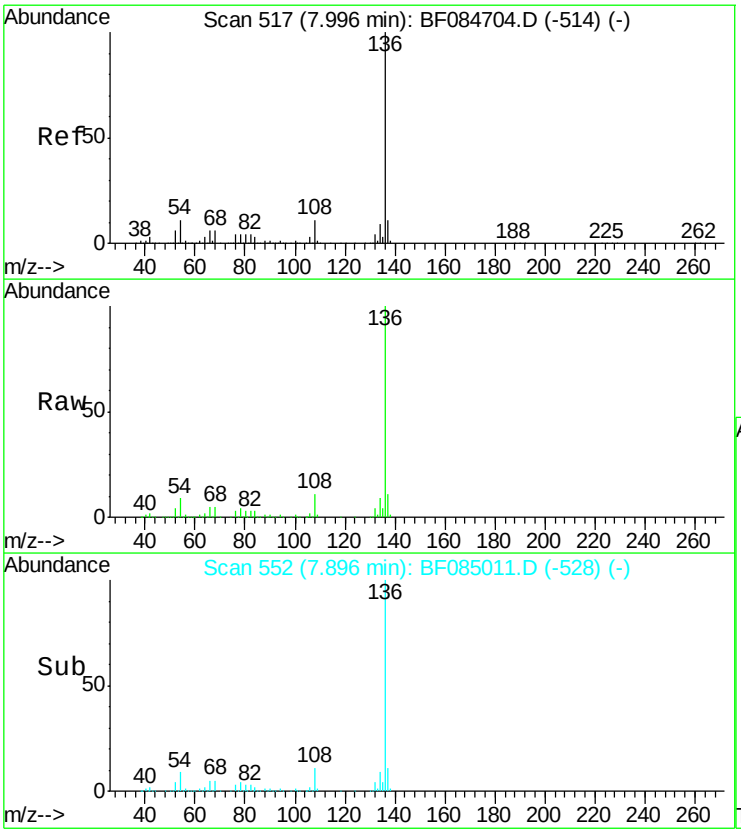
#7
Phenol-d6
Concen: 136.98 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085011.D
Acq: 11 Feb 2016 11:37

Instrument :
BNA_F
ClientSampleId :
PB88297BL

Tgt Ion: 99 Resp: 1473897

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.8	19.2
71	33.2	30.9	46.3

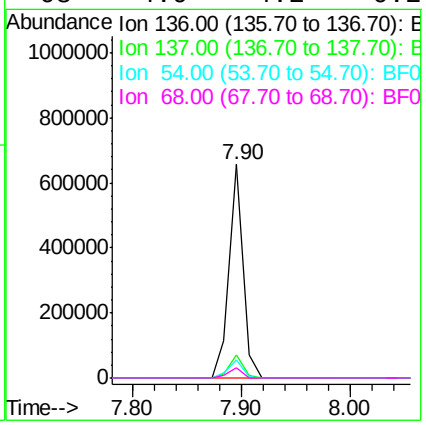


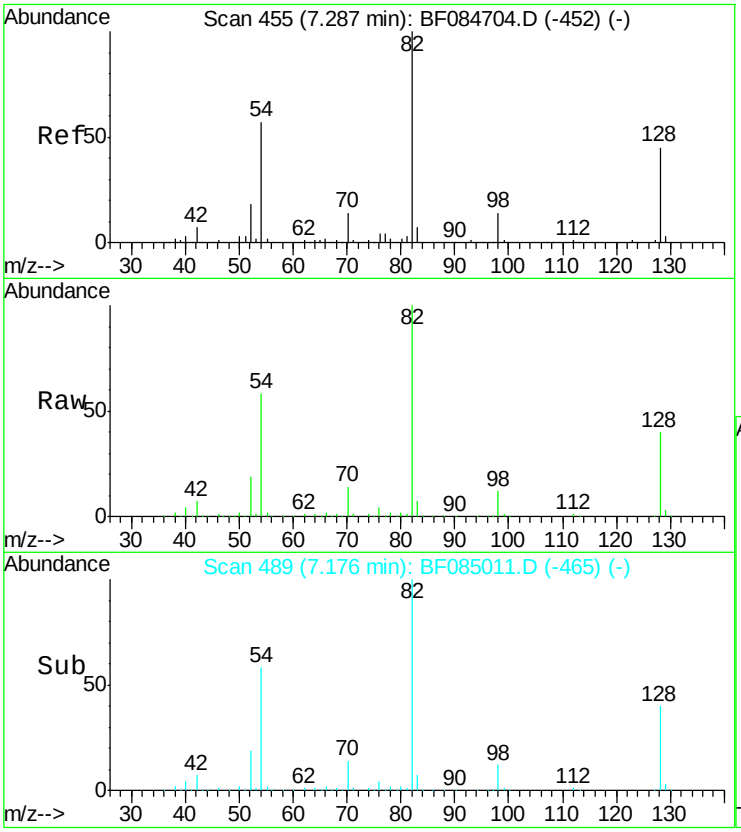


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085011.D
Acq: 11 Feb 2016 11:37

Tgt Ion:136 Resp: 579630

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.6	5.8	8.8
68	4.9	4.2	6.2



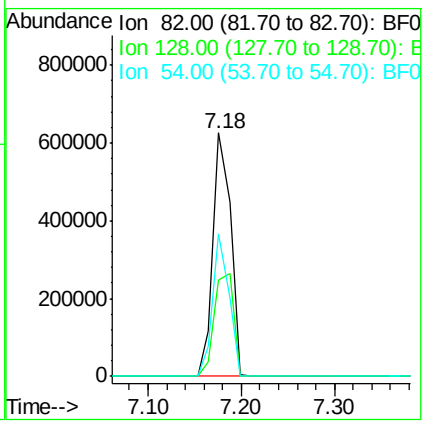


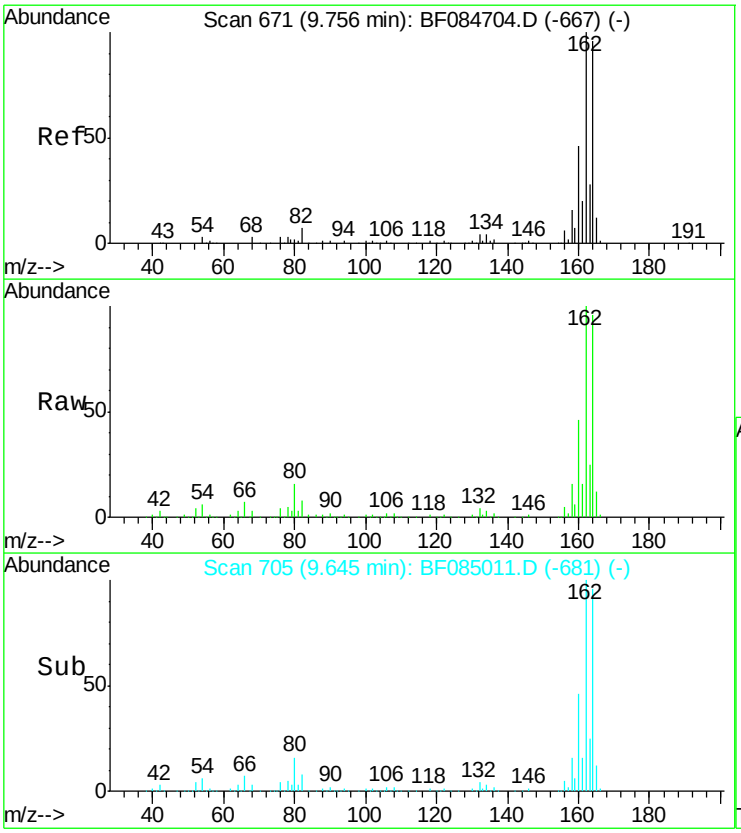
#23
Nitrobenzene-d5
Concen: 80.08 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF085011.D
Acq: 11 Feb 2016 11:37

Instrument :
BNA_F
ClientSampleId :
PB88297BL

Tgt Ion: 82 Resp: 823949

Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.6	51.8
54	58.4	38.4	57.6#

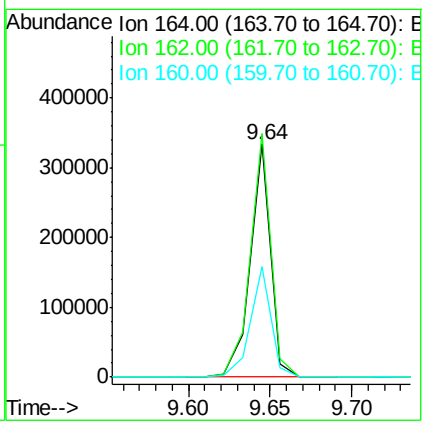


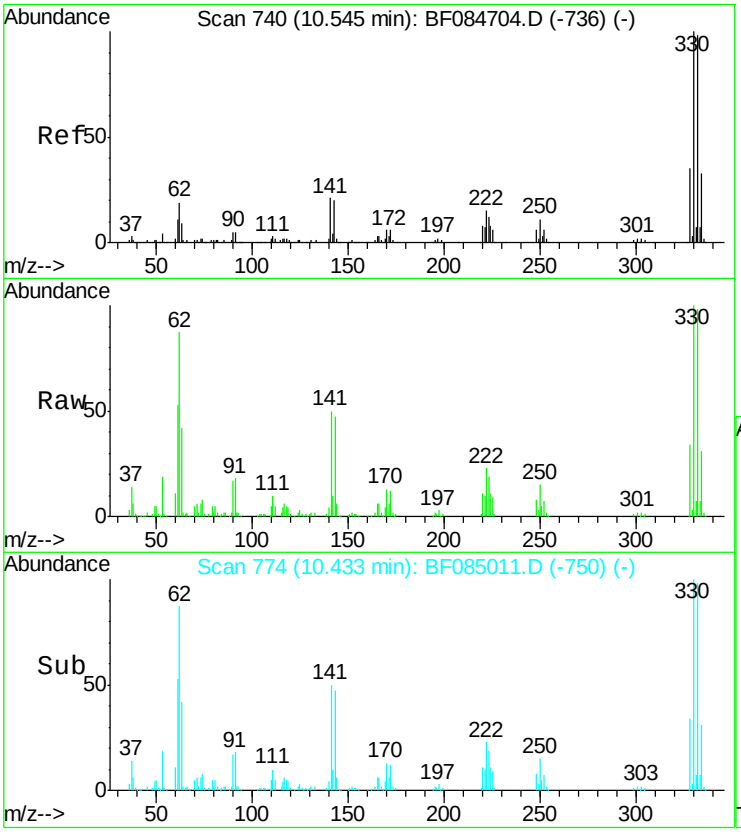


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF085011.D
Acq: 11 Feb 2016 11:37

Tgt Ion:164 Resp: 285966

Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.1	127.7
160	47.6	37.5	56.3



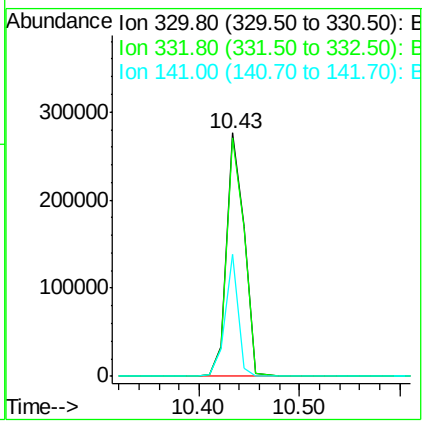


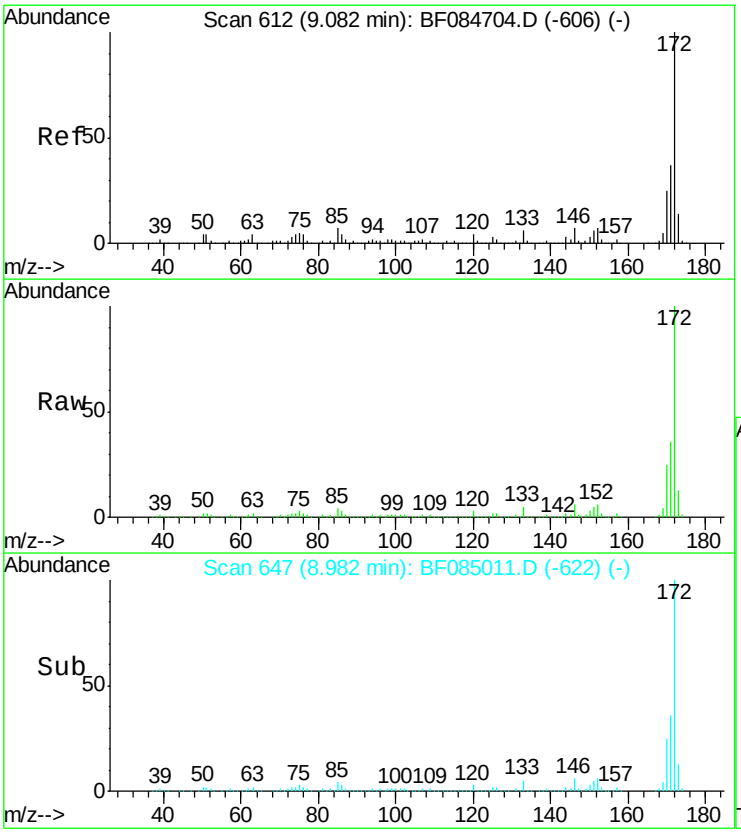
#41
2,4,6-Tribromophenol
Concen: 112.50 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF085011.D
Acq: 11 Feb 2016 11:37

Instrument :
BNA_F
ClientSampleId :
PB88297BL

Tgt Ion:330 Resp: 335572

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	114.8
141	37.1	27.8	41.6

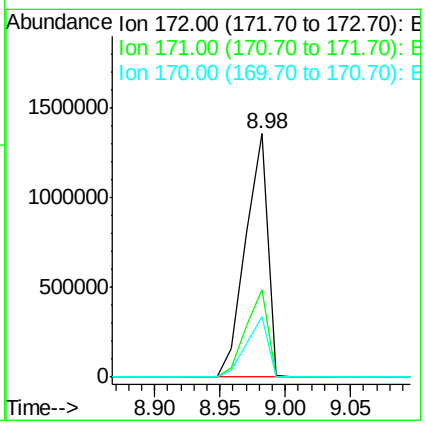


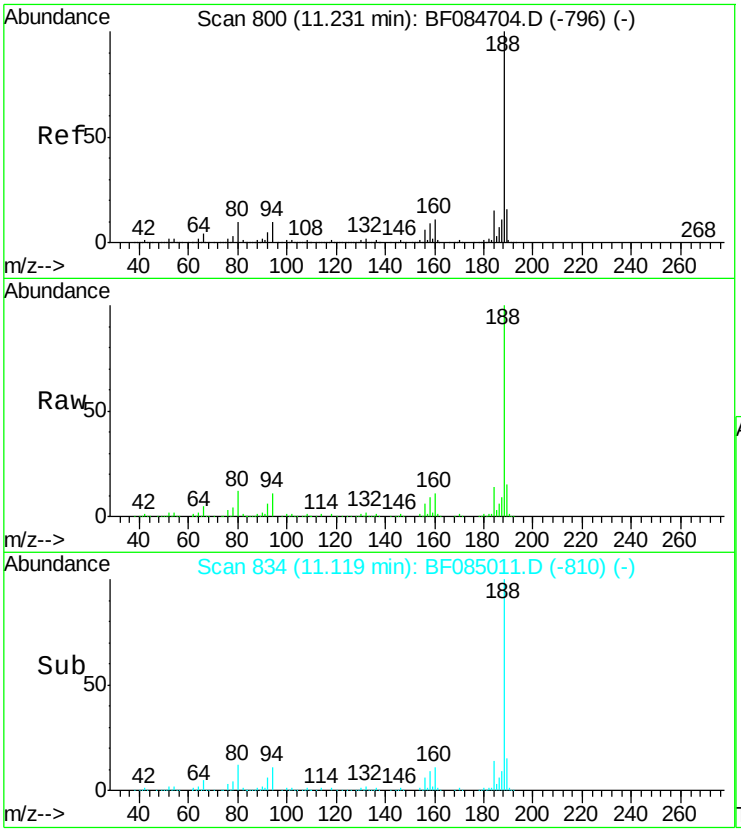


#44
2-Fluorobiphenyl
Concen: 100.44 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF085011.D
Acq: 11 Feb 2016 11:37

Tgt Ion:172 Resp: 1601739

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.7	18.6	27.8



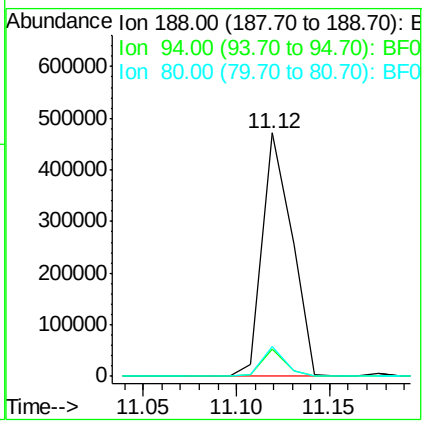


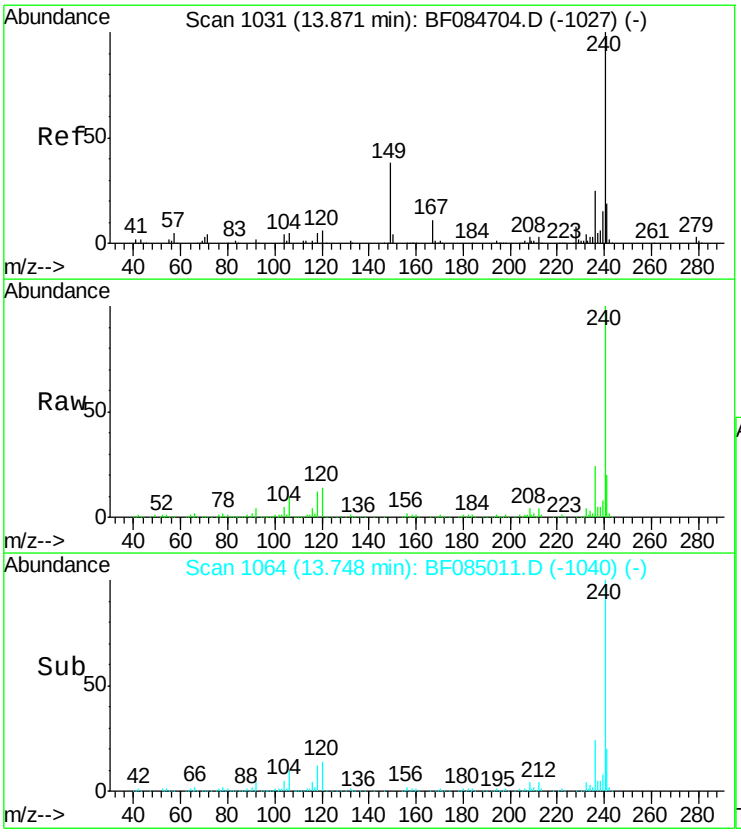
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085011.D
Acq: 11 Feb 2016 11:37

Instrument :
BNA_F
ClientSampleId :
PB88297BL

Tgt Ion:188 Resp: 518090

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.0	13.4
80	12.1	9.6	14.4

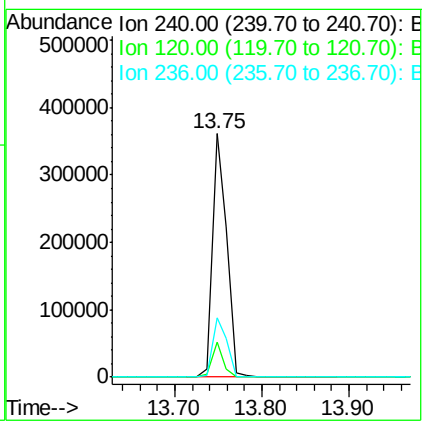


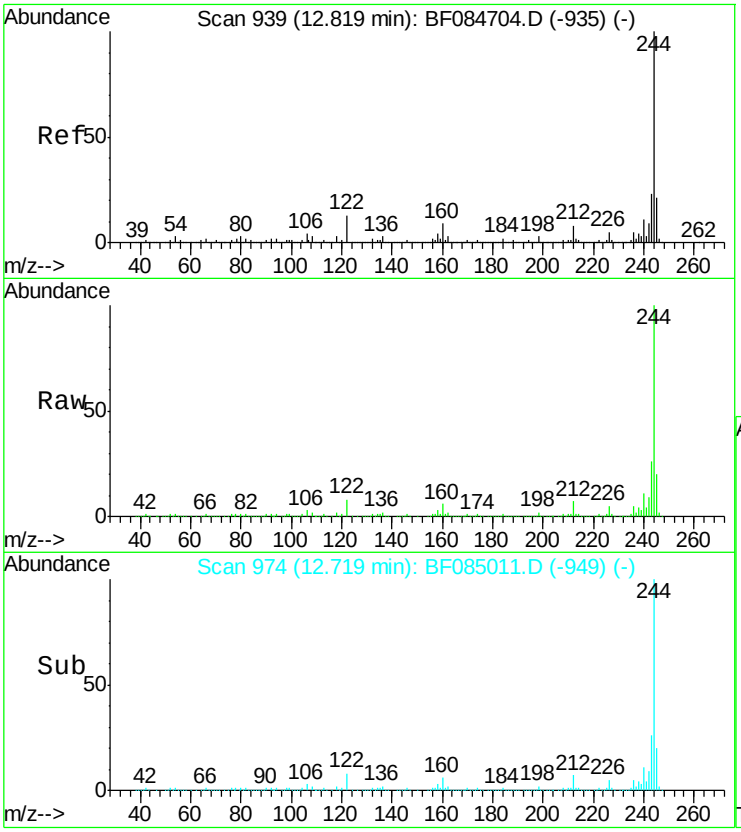


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085011.D
Acq: 11 Feb 2016 11:37

Tgt Ion:240 Resp: 416424

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	24.5	20.6	31.0



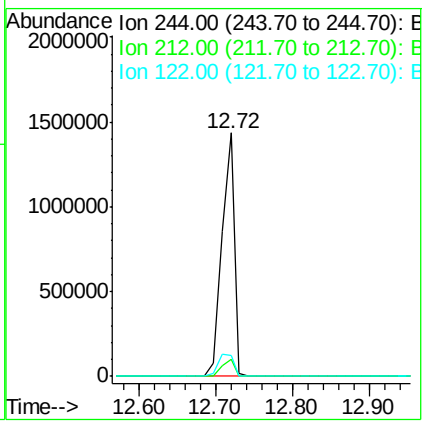


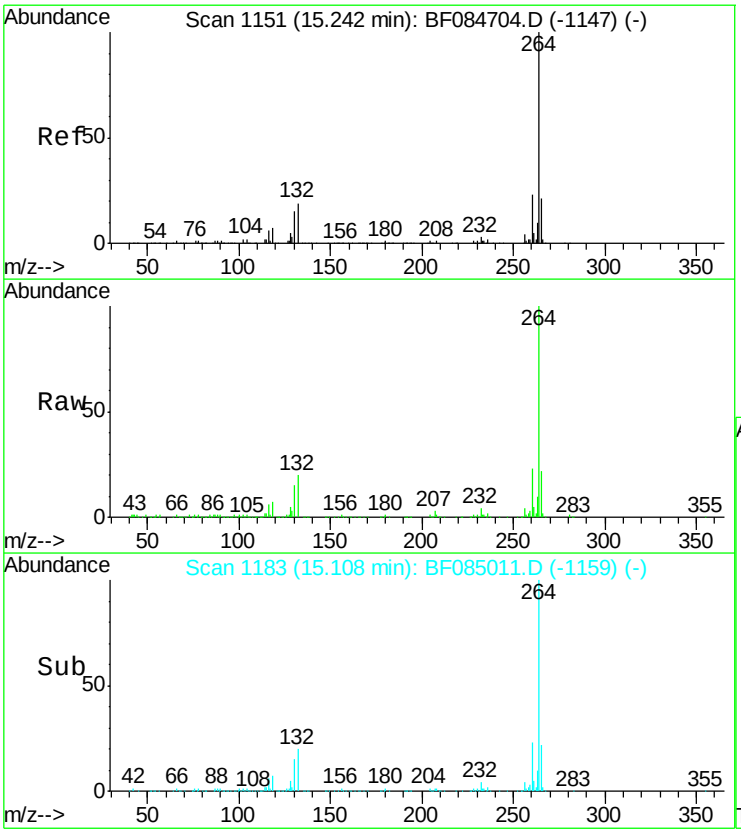
#78
Terphenyl-d14
Concen: 89.40 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF085011.D
Acq: 11 Feb 2016 11:37

Instrument :
BNA_F
ClientSampleId :
PB88297BL

Tgt Ion:244 Resp: 1642950

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	8.5	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085011.D
Acq: 11 Feb 2016 11:37

Tgt Ion:264 Resp: 286106

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.7	17.8	26.6