Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF085975.D
Acq On : 1 Apr 2016 21:45
Operator : UM/SJ
Sample : PB89340BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89340BL

Quant Time: Apr 01 23:30:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	108944	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	417793	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	188462	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	386882	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	355805	20.00	ng	0.00
86) Perylene-d12	15.33	264	308599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	634983	99.63	ng	0.00
7) Phenol-d6	6.41	99	812123	100.32	ng	-0.01
23) Nitrobenzene-d5	7.34	82	499918	70.56	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	220420	124.61	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	907100	80.03	ng	-0.01
78) Terphenyl-d14	12.88	244	975896	64.47	ng	0.00
Target Compounds						Qvalue

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

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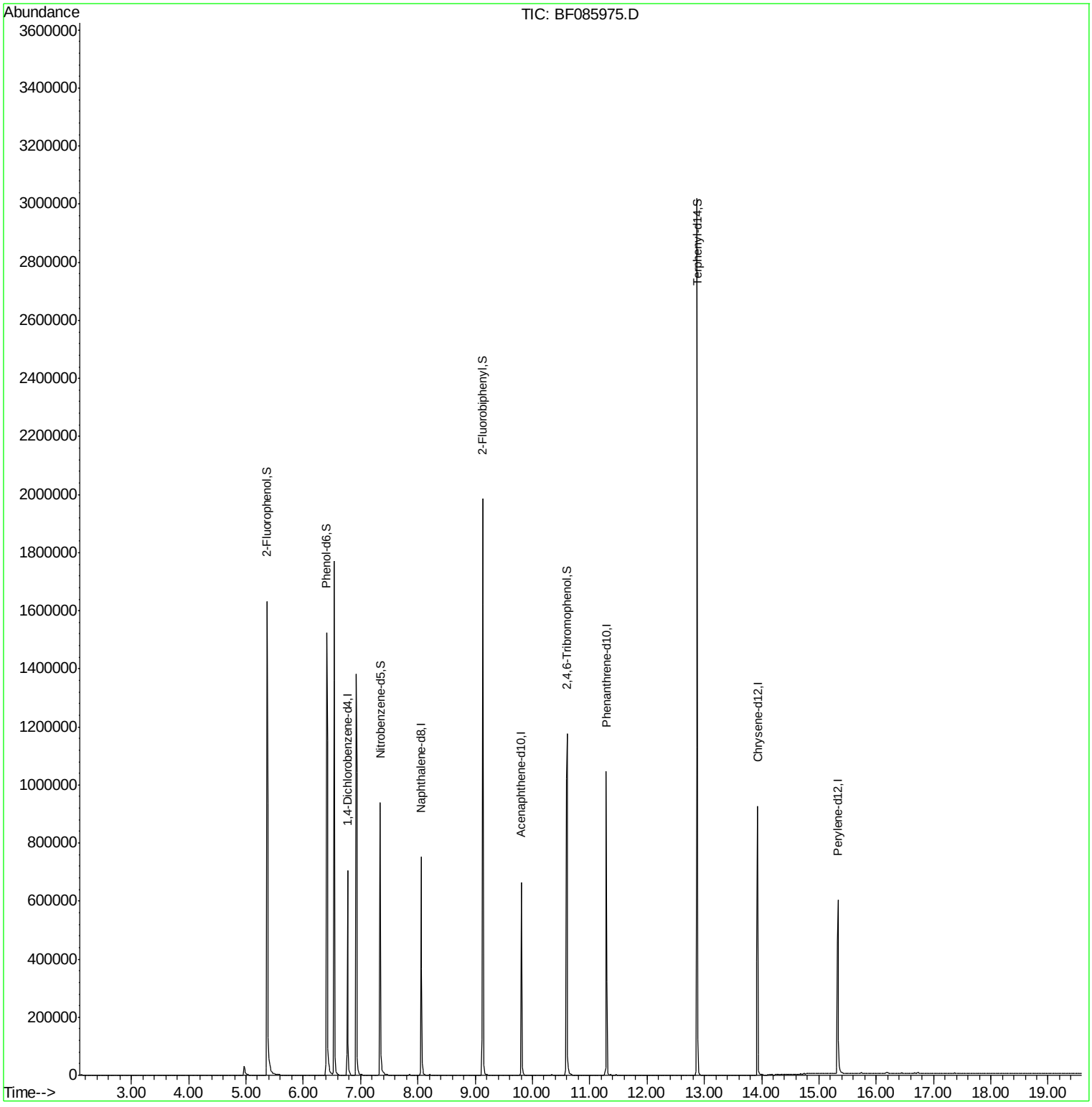
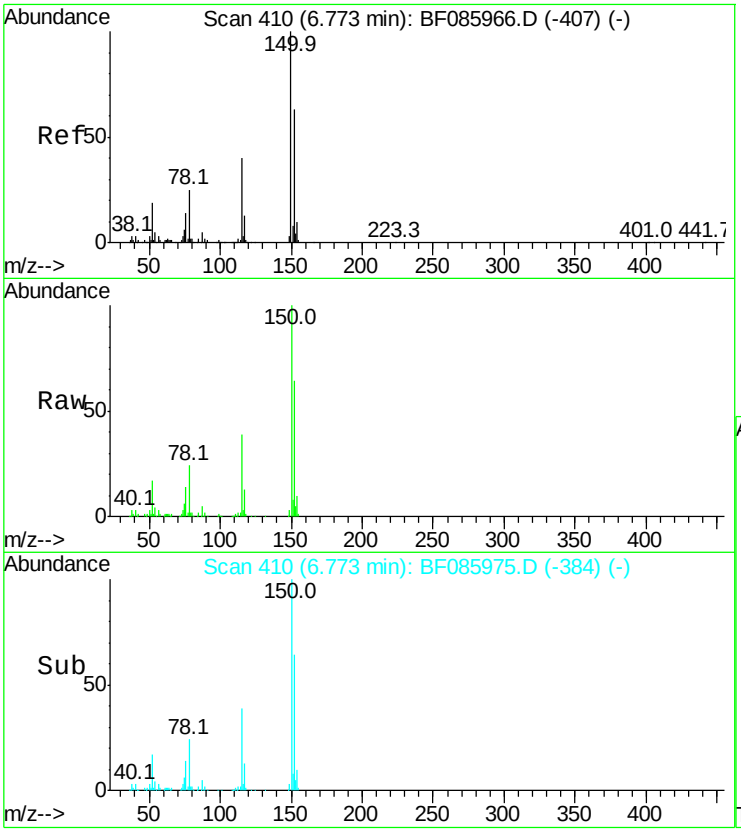


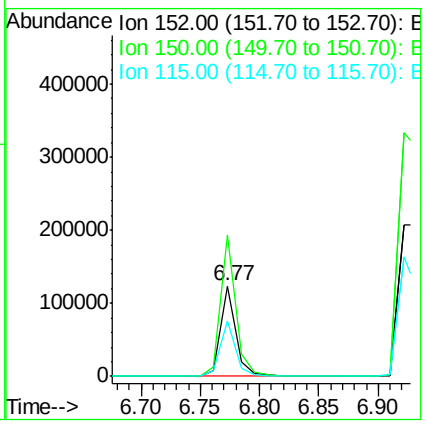


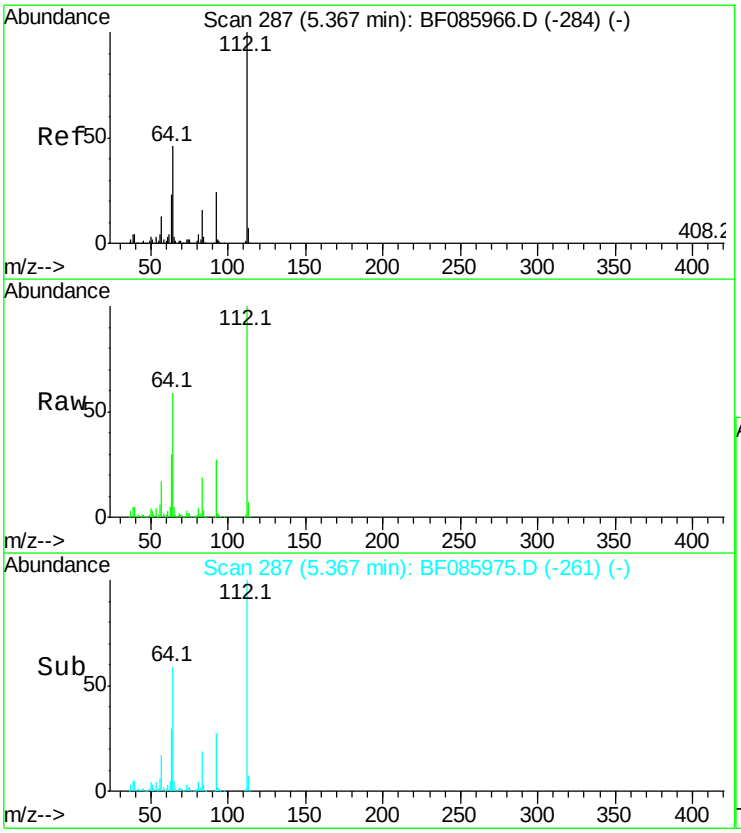
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Instrument :
BNA_F
ClientSampleId :
PB89340BL

Tgt Ion:152 Resp: 108944

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.2
115	61.5	47.0	70.6

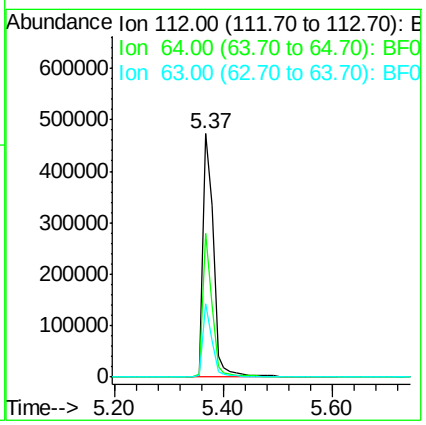


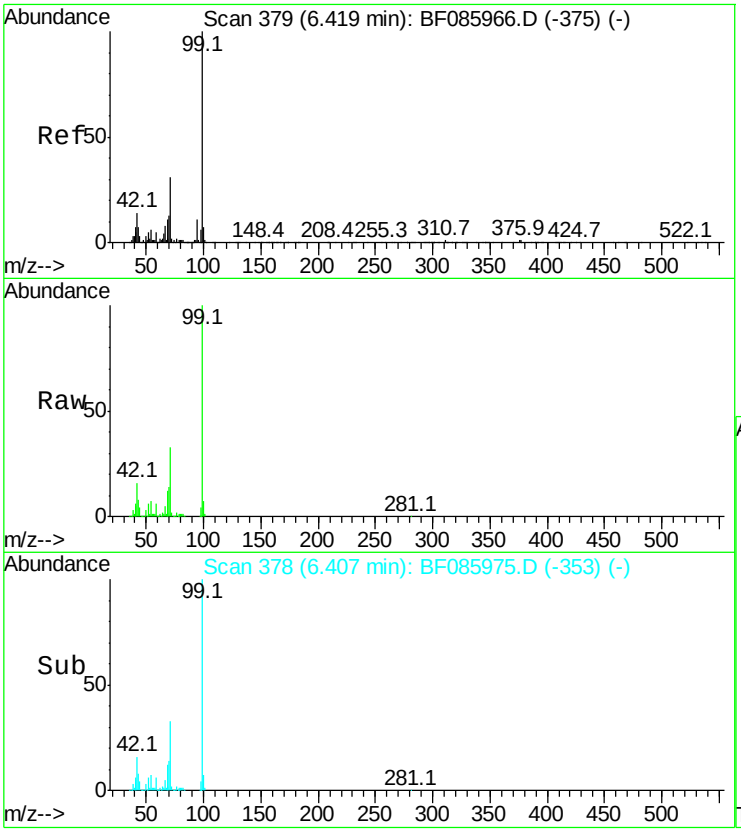


#5
2-Fluorophenol
Concen: 99.63 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Tgt Ion:112 Resp: 634983

Ion	Ratio	Lower	Upper
112	100		
64	59.1	39.9	59.9
63	30.3	20.2	30.2#



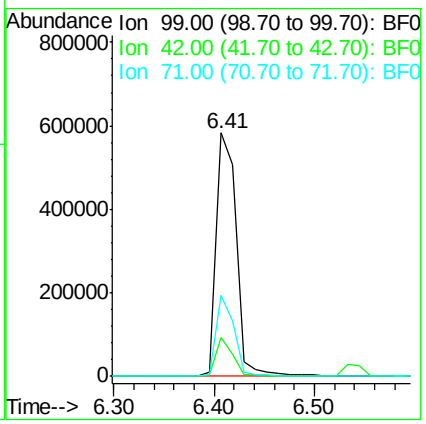


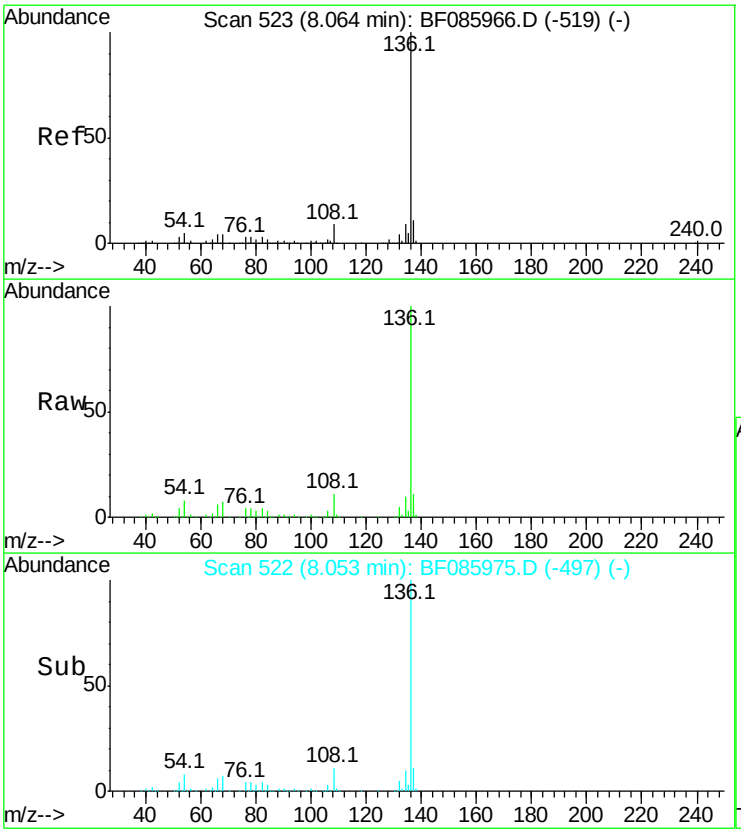
#7
Phenol-d6
Concen: 100.32 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Instrument :
BNA_F
ClientSampleId :
PB89340BL

Tgt Ion: 99 Resp: 812123

Ion	Ratio	Lower	Upper
99	100		
42	16.1	11.1	16.7
71	33.1	24.9	37.3

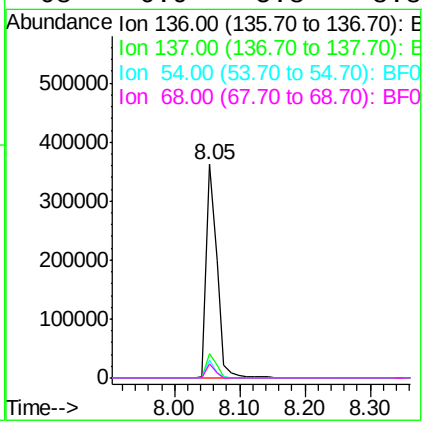


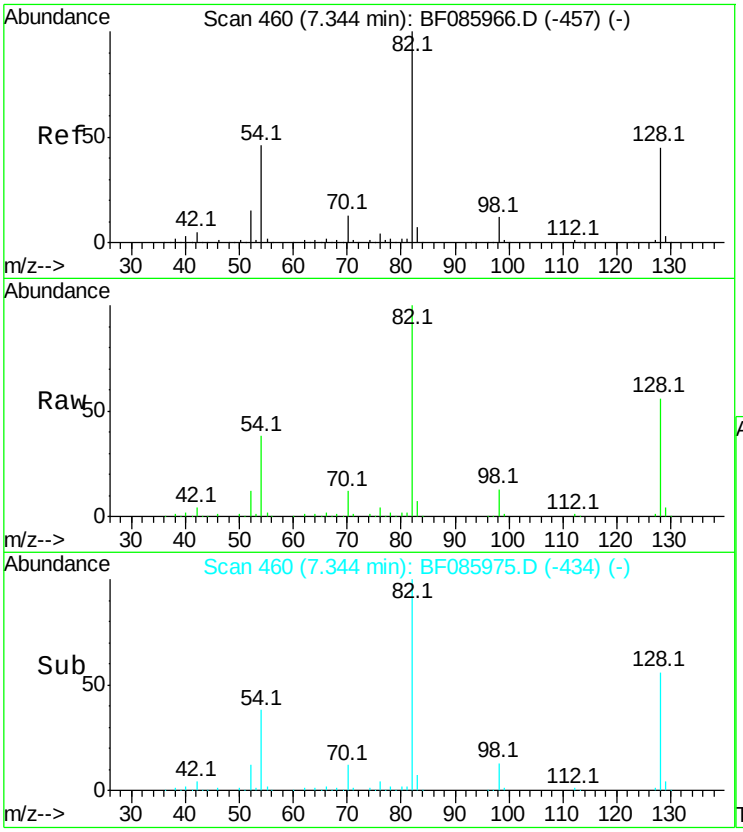


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Tgt Ion:136 Resp: 417793

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.4	7.4	11.0
68	6.9	5.8	8.8



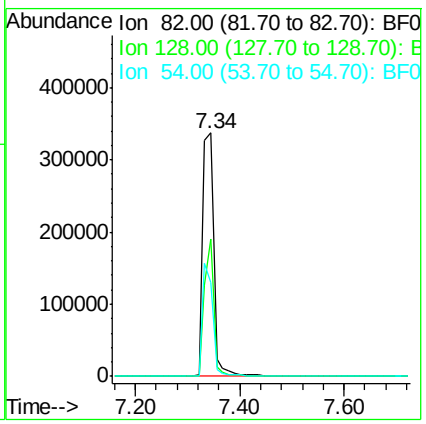


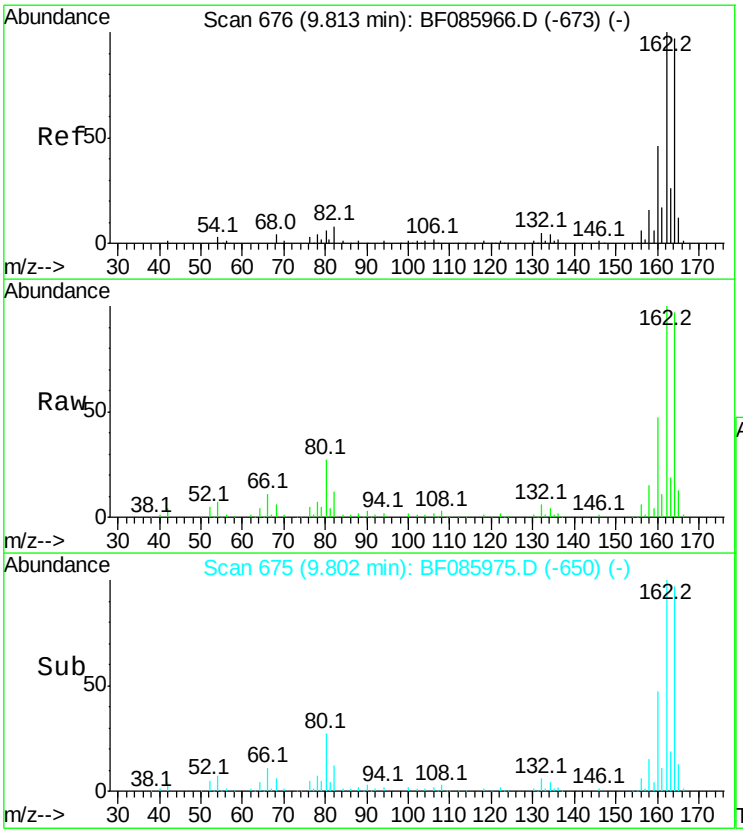
#23
Nitrobenzene-d5
Concen: 70.56 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Instrument :
BNA_F
ClientSampleId :
PB89340BL

Tgt Ion: 82 Resp: 499918

Ion	Ratio	Lower	Upper
82	100		
128	56.2	41.8	62.8
54	38.4	33.4	50.0

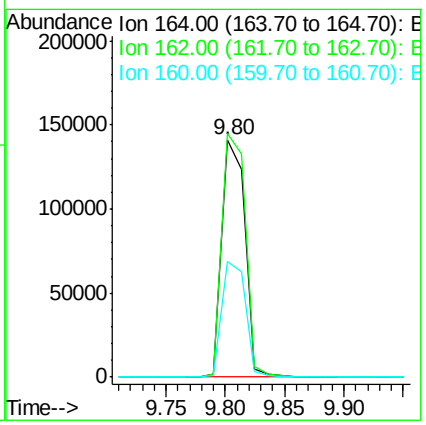


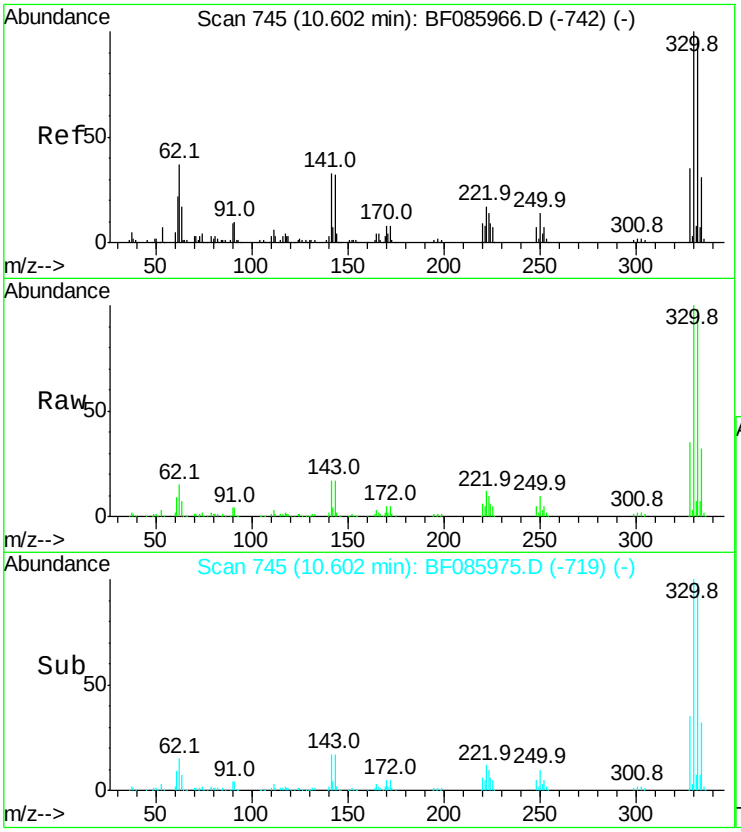


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Tgt Ion:164 Resp: 188462

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	48.4	37.4	56.2



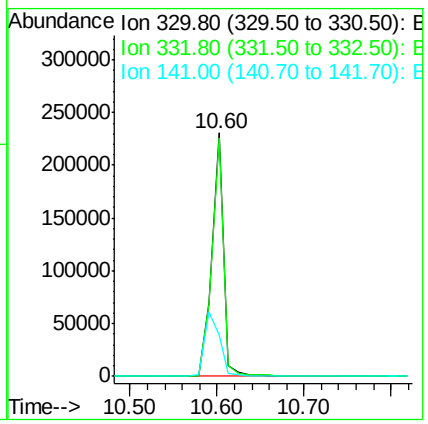


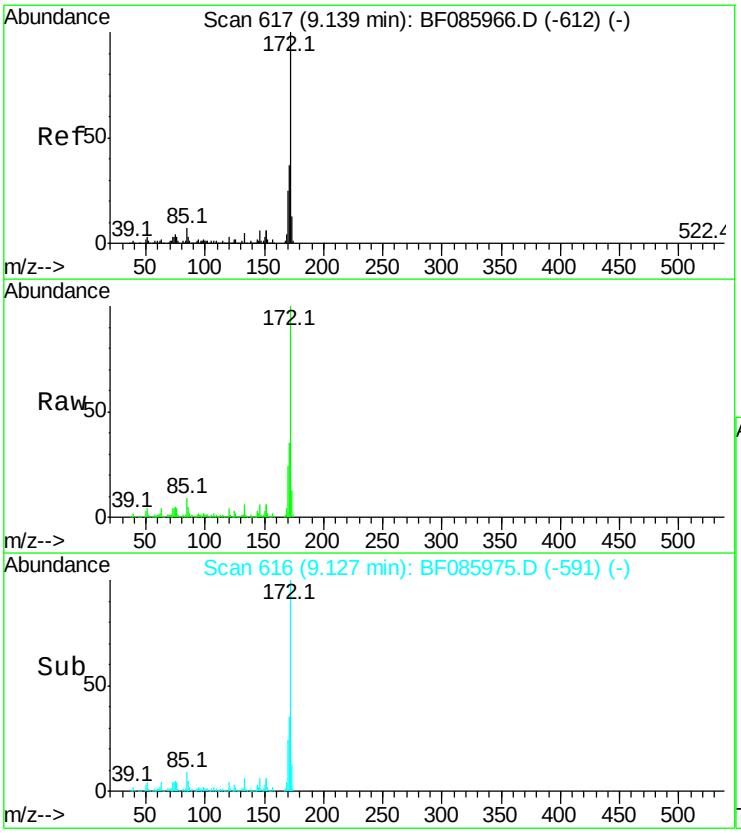
#41
2,4,6-Tribromophenol
Concen: 124.61 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Instrument :
BNA_F
ClientSampleId :
PB89340BL

Tgt Ion:330 Resp: 220420

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.2	117.2
141	33.4	31.5	47.3

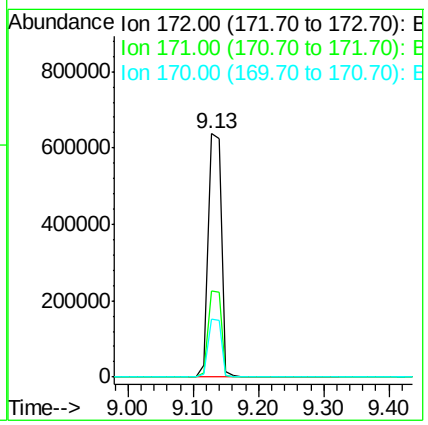


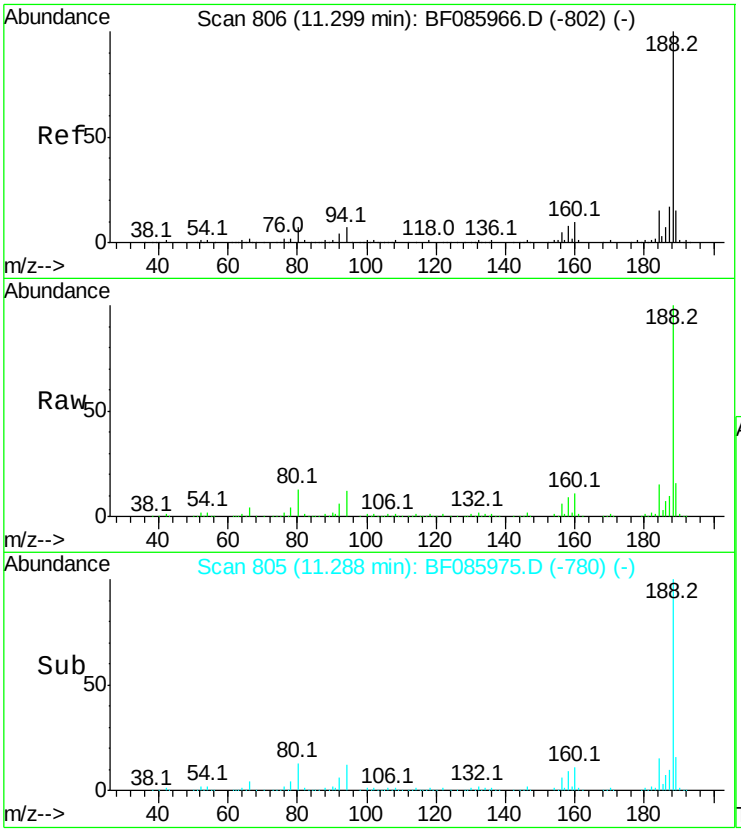


#44
2-Fluorobiphenyl
Concen: 80.03 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Tgt Ion:172 Resp: 907100

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.2
170	24.0	19.8	29.6



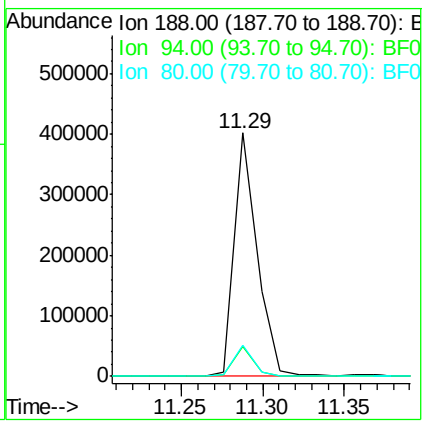


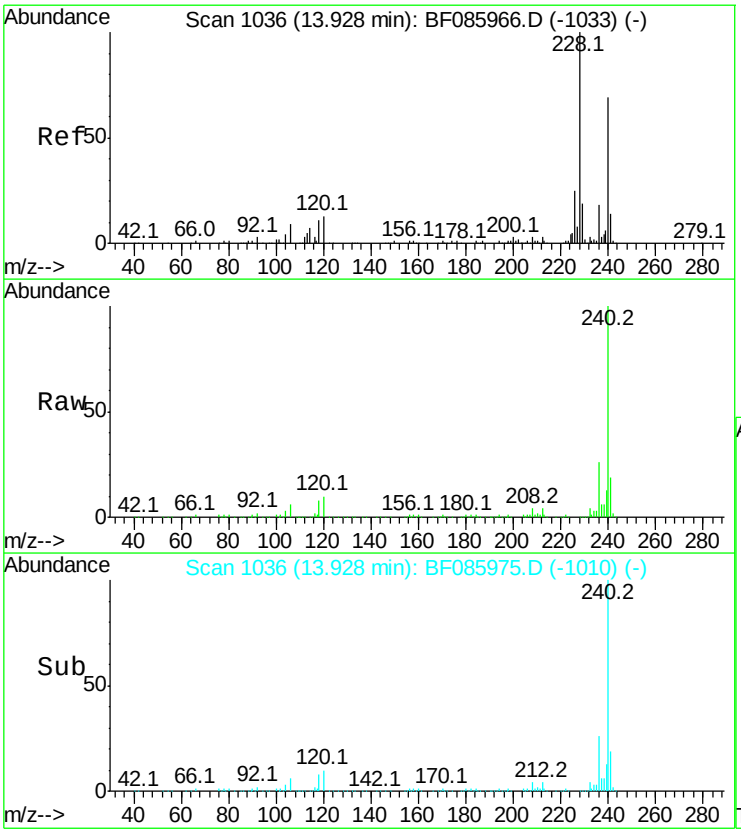
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Instrument :
BNA_F
ClientSampleId :
PB89340BL

Tgt Ion:188 Resp: 386882

Ion	Ratio	Lower	Upper
188	100		
94	12.1	5.4	8.0#
80	13.0	5.5	8.3#

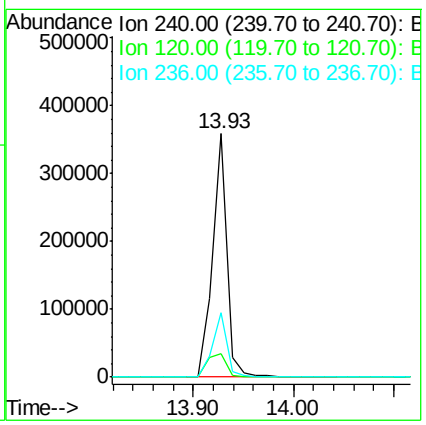


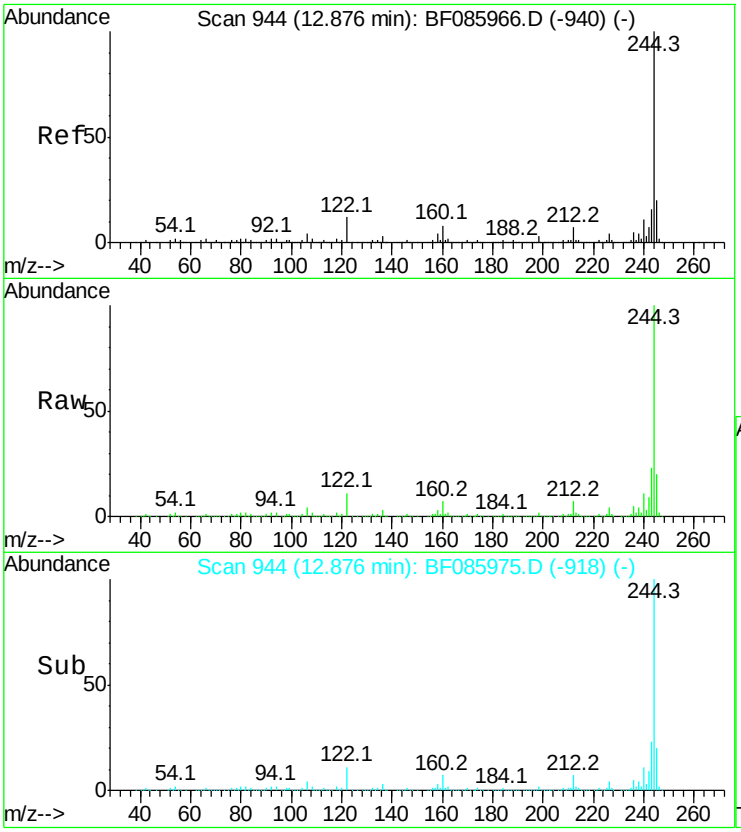


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Tgt Ion:240 Resp: 355805

Ion	Ratio	Lower	Upper
240	100		
120	9.6	13.8	20.8#
236	26.2	20.6	30.8



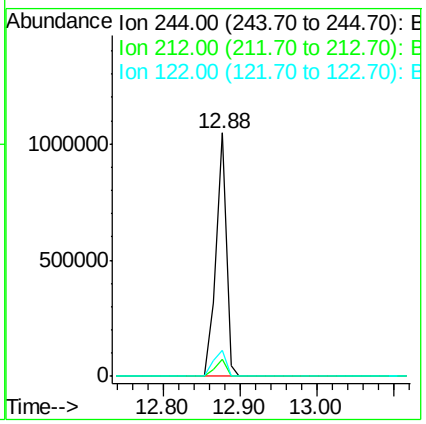


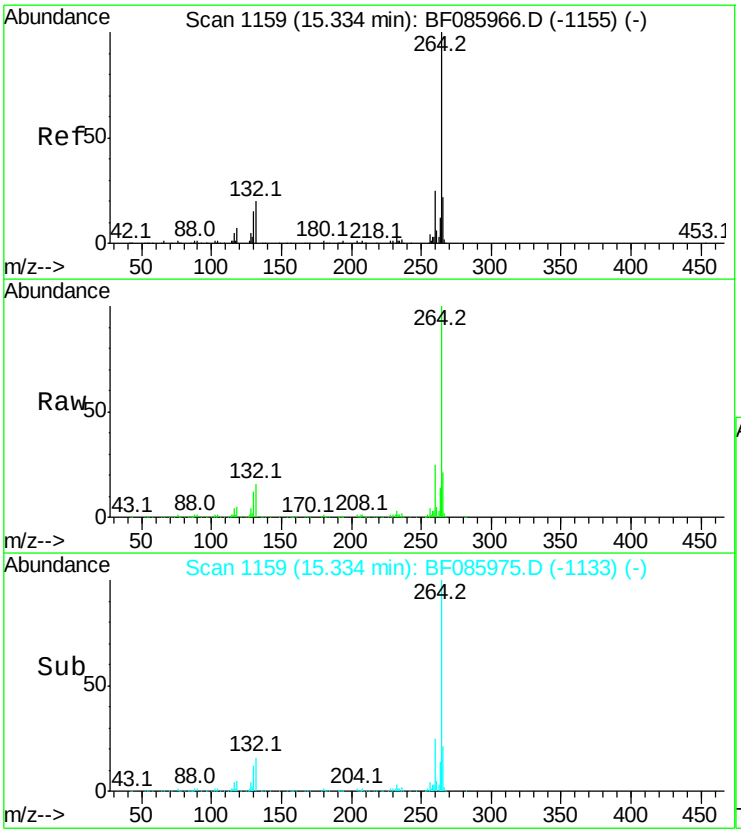
#78
Terphenyl-d14
Concen: 64.47 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Instrument :
BNA_F
ClientSampleId :
PB89340BL

Tgt Ion:244 Resp: 975896

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.6	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF085975.D
Acq: 1 Apr 2016 21:45

Tgt Ion:264 Resp: 308599

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	20.9	17.2	25.8