Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084017.D
Acq On : 23 Dec 2015 4:44
Operator : UM/SJ
Sample : G4916-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-20151214

Quant Time: Dec 23 05:54:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44613	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	305365	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	148947	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	167041	20.00	ng	0.00
75) Chrysene-d12	13.99	240	158254	20.00	ng	-0.01
86) Perylene-d12	15.41	264	125141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	160768	61.44	ng	0.01
7) Phenol-d6	6.48	99	119237	38.76	ng	0.00
23) Nitrobenzene-d5	7.39	82	261548	52.62	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	135617	94.66	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	995081	89.91	ng	0.00
78) Terphenyl-d14	12.93	244	662537	99.84	ng	0.00
Target Compounds						Qvalue

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

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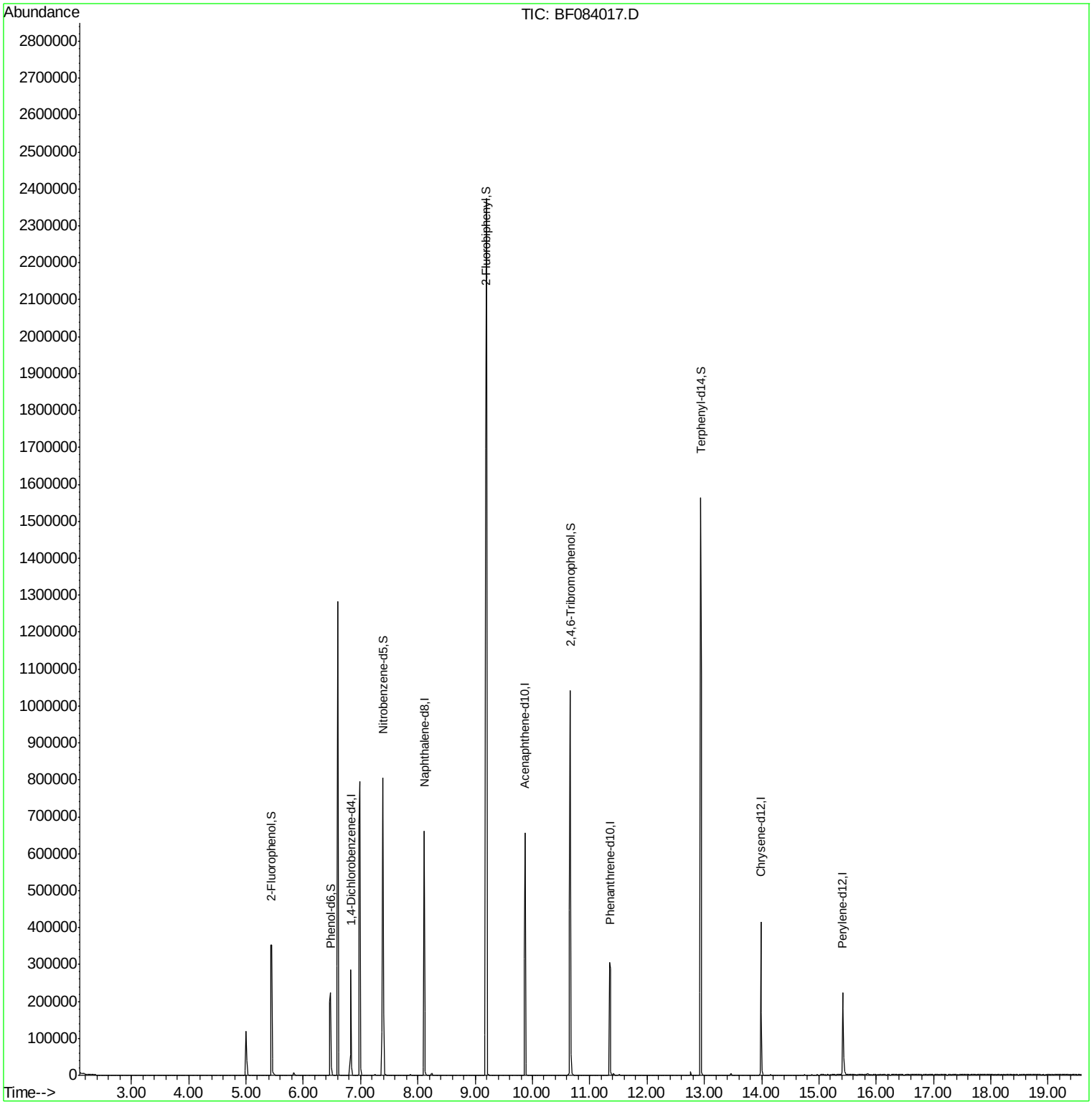
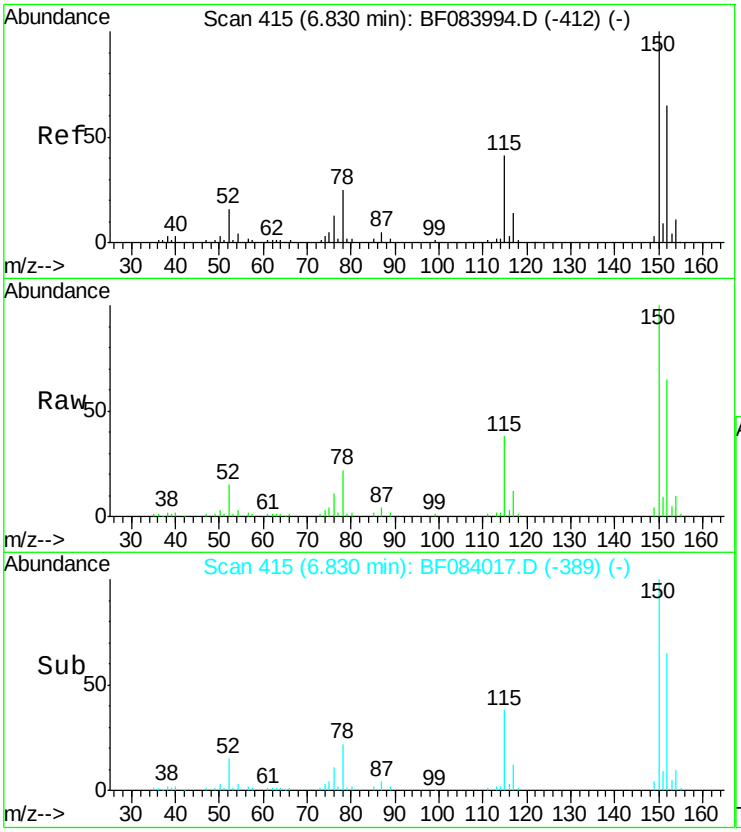
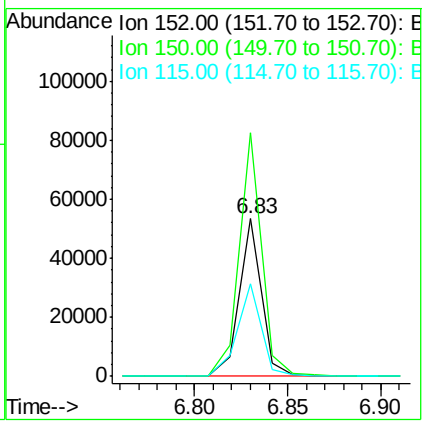




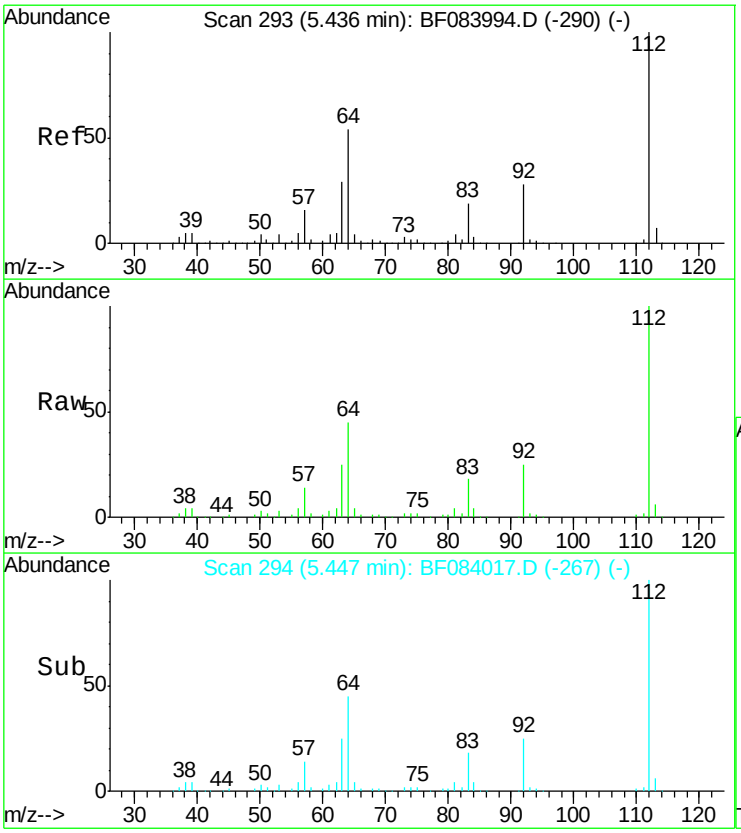
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084017.D
Acq: 23 Dec 2015 4:44

Tgt Ion:152 Resp: 44613

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.0	184.4
115	59.0	51.4	77.2



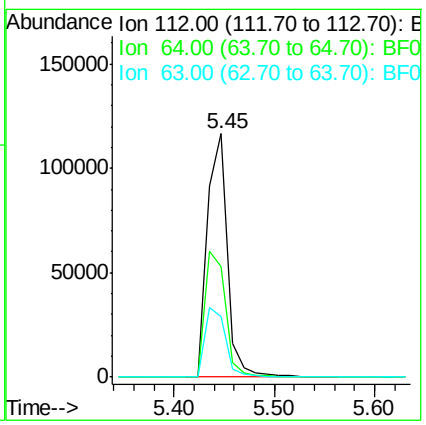
Instrument :
BNA_F
ClientSampleId :
FB-20151214

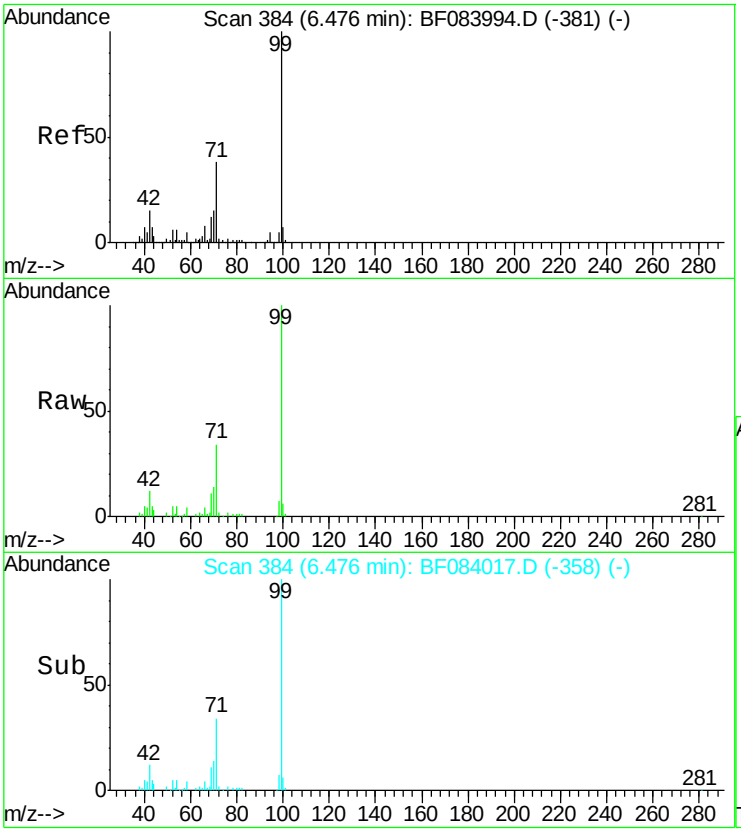


#5
2-Fluorophenol
Concen: 61.44 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084017.D
Acq: 23 Dec 2015 4:44

Tgt Ion:112 Resp: 160768

Ion	Ratio	Lower	Upper
112	100		
64	45.2	36.6	55.0
63	24.9	19.4	29.0



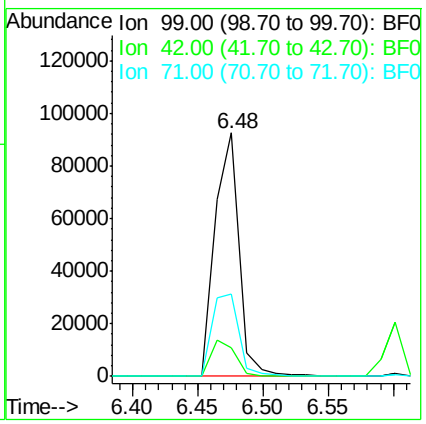


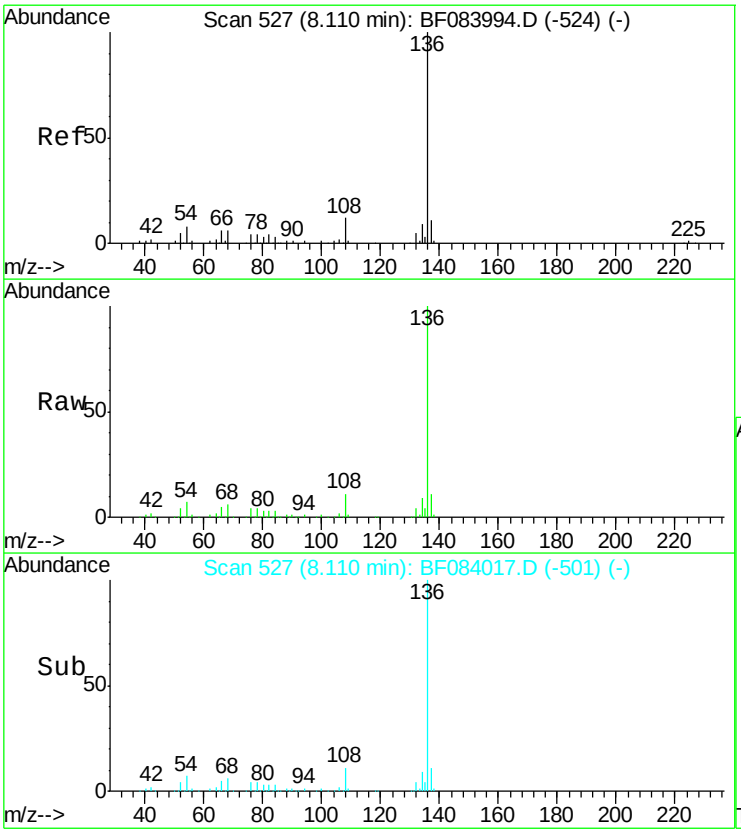
#7
Phenol-d6
Concen: 38.76 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF084017.D
Acq: 23 Dec 2015 4:44

Instrument :
BNA_F
ClientSampleId :
FB-20151214

Tgt Ion: 99 Resp: 119237

Ion	Ratio	Lower	Upper
99	100		
42	12.0	12.8	19.2#
71	33.6	30.9	46.3

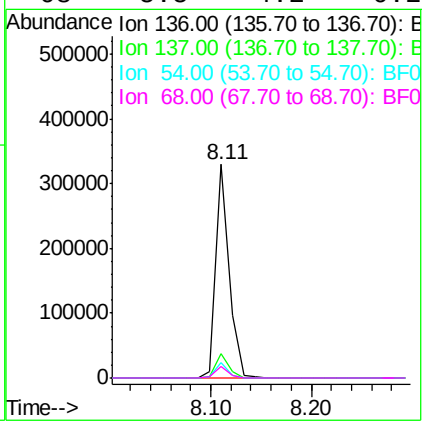


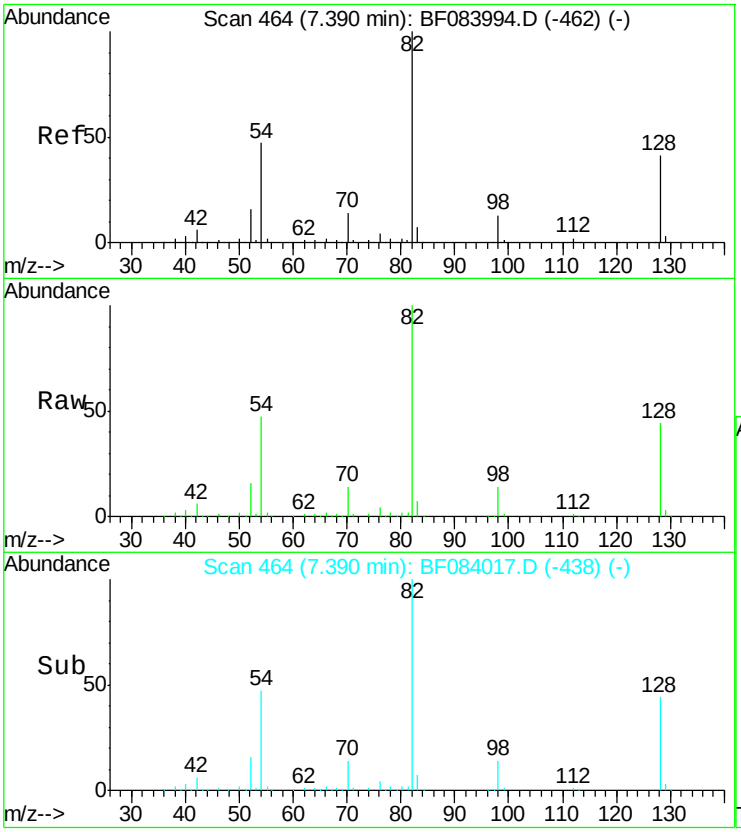


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084017.D
Acq: 23 Dec 2015 4:44

Tgt Ion:136 Resp: 305365

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.1	5.8	8.8
68	5.5	4.2	6.2



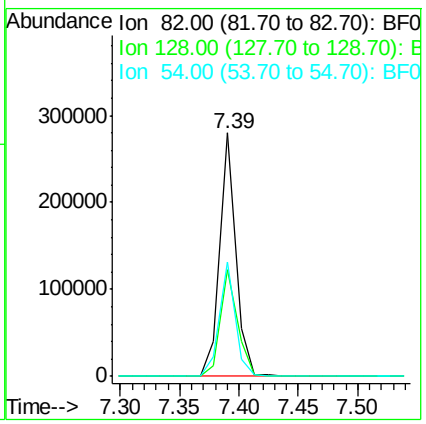


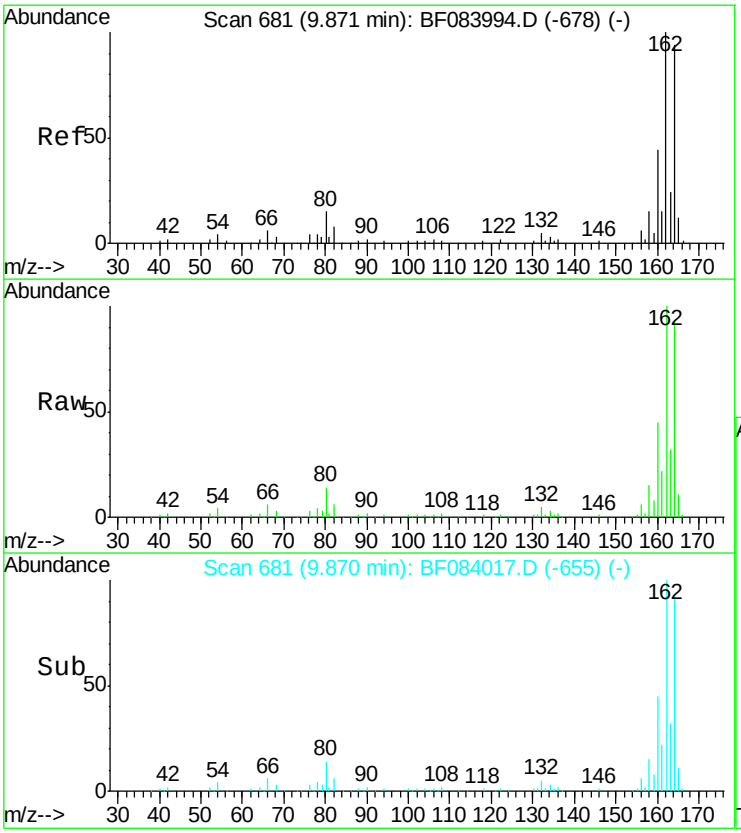
#23
Nitrobenzene-d5
Concen: 52.62 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084017.D
Acq: 23 Dec 2015 4:44

Instrument :
BNA_F
ClientSampleId :
FB-20151214

Tgt Ion: 82 Resp: 261548

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	47.1	38.4	57.6

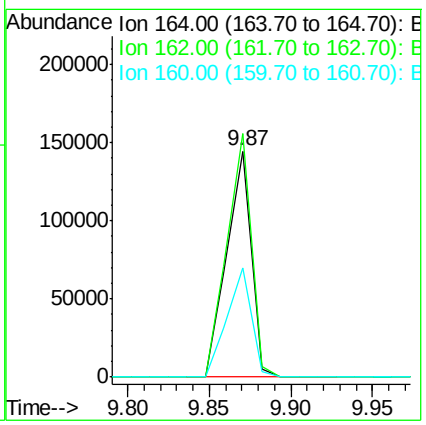


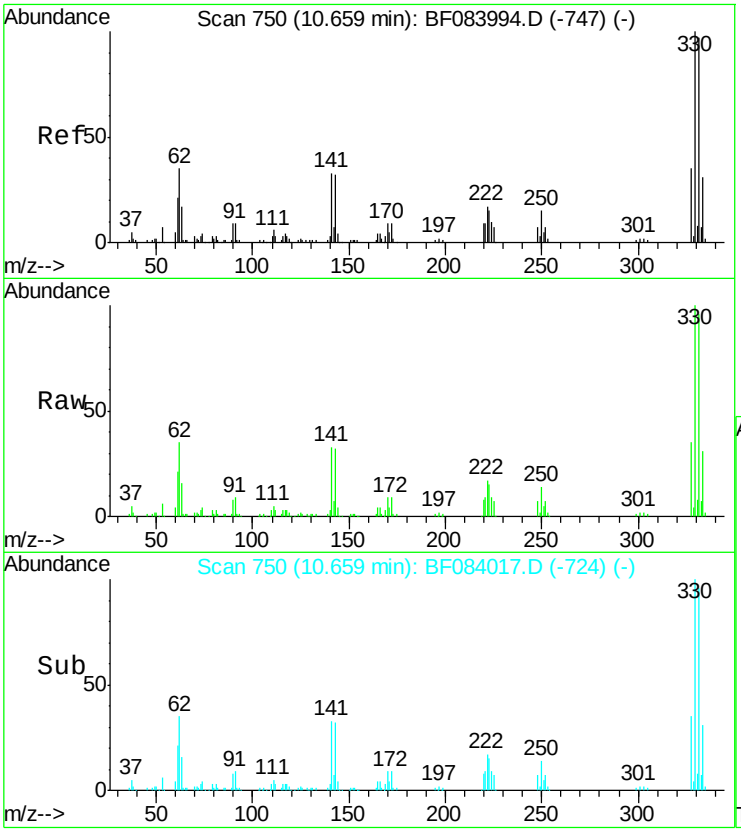


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084017.D
Acq: 23 Dec 2015 4:44

Tgt Ion:164 Resp: 148947

Ion	Ratio	Lower	Upper
164	100		
162	107.7	85.1	127.7
160	48.2	37.5	56.3



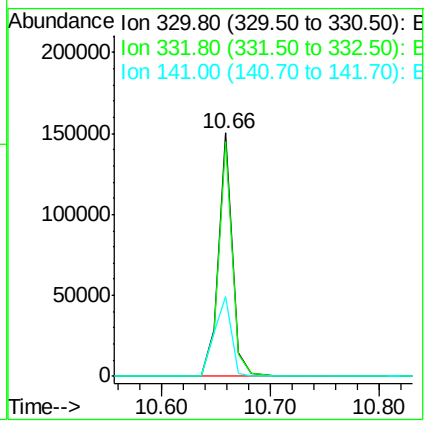


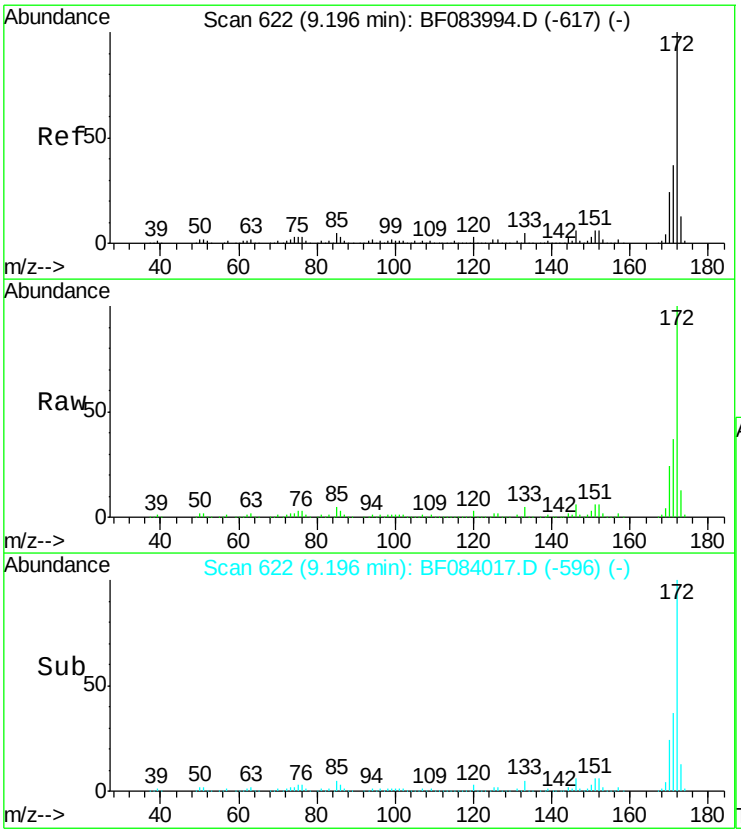
#41
2,4,6-Tribromophenol
Concen: 94.66 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084017.D
Acq: 23 Dec 2015 4:44

Instrument :
BNA_F
ClientSampleId :
FB-20151214

Tgt Ion:330 Resp: 135617

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	40.0	27.8	41.6

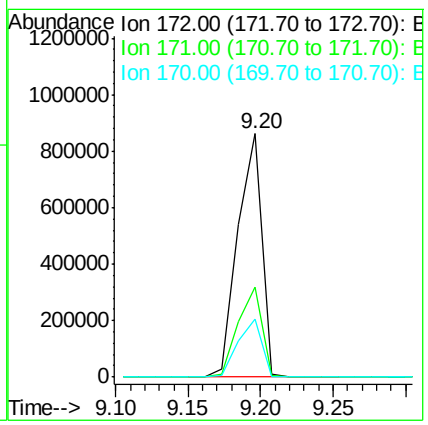


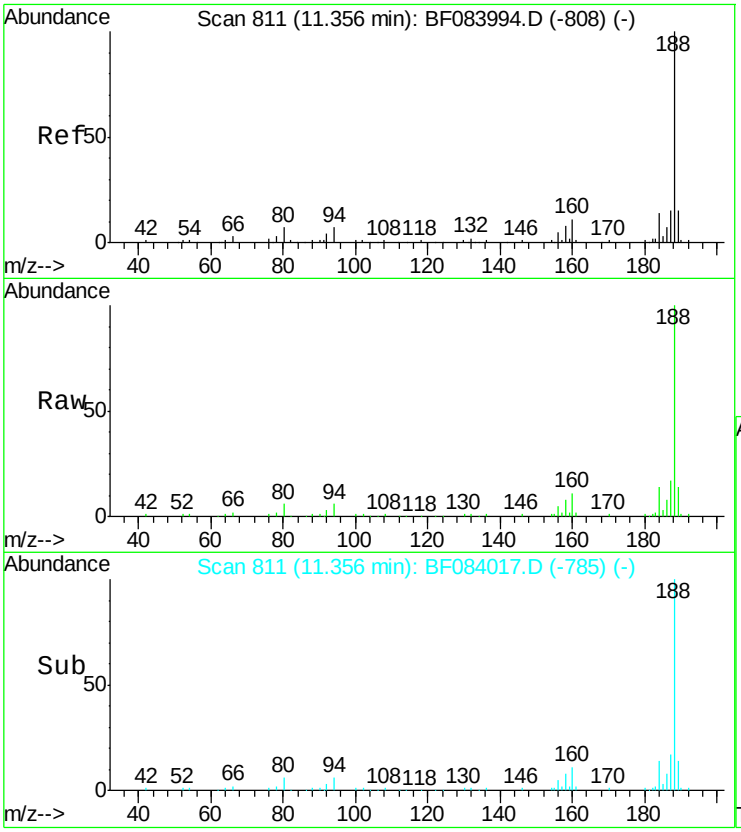


#44
2-Fluorobiphenyl
Concen: 89.91 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084017.D
Acq: 23 Dec 2015 4:44

Tgt Ion:172 Resp: 995081

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	23.8	18.6	27.8



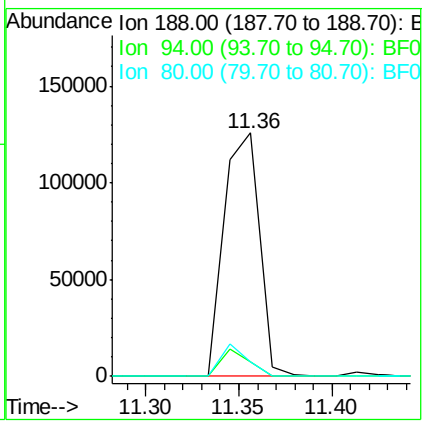


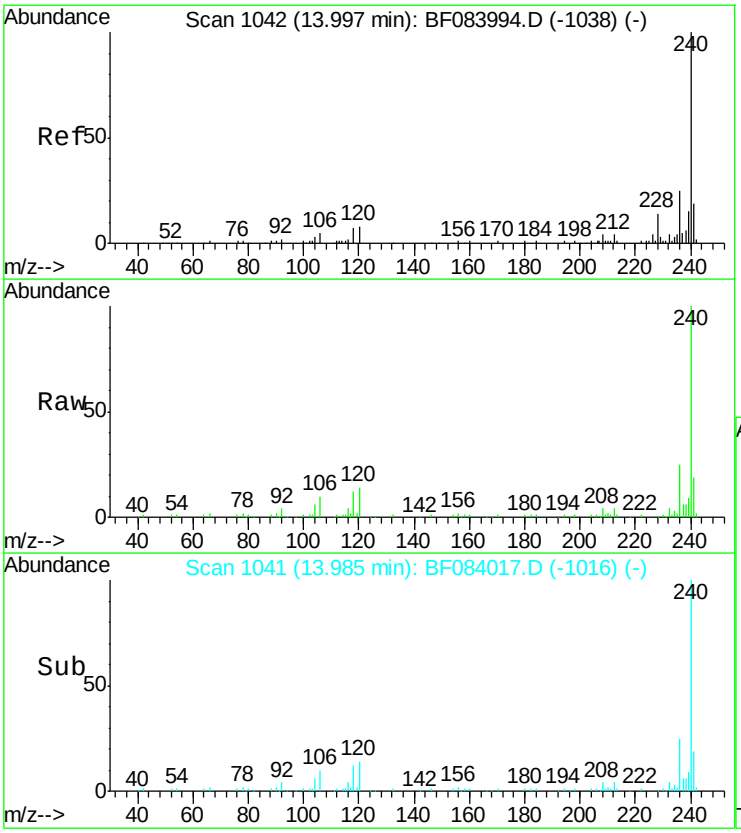
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084017.D
Acq: 23 Dec 2015 4:44

Instrument :
BNA_F
ClientSampleId :
FB-20151214

Tgt Ion:188 Resp: 167041

Ion	Ratio	Lower	Upper
188	100		
94	5.8	9.0	13.4#
80	5.9	9.6	14.4#

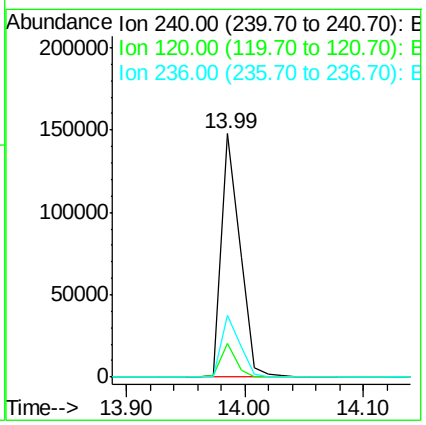


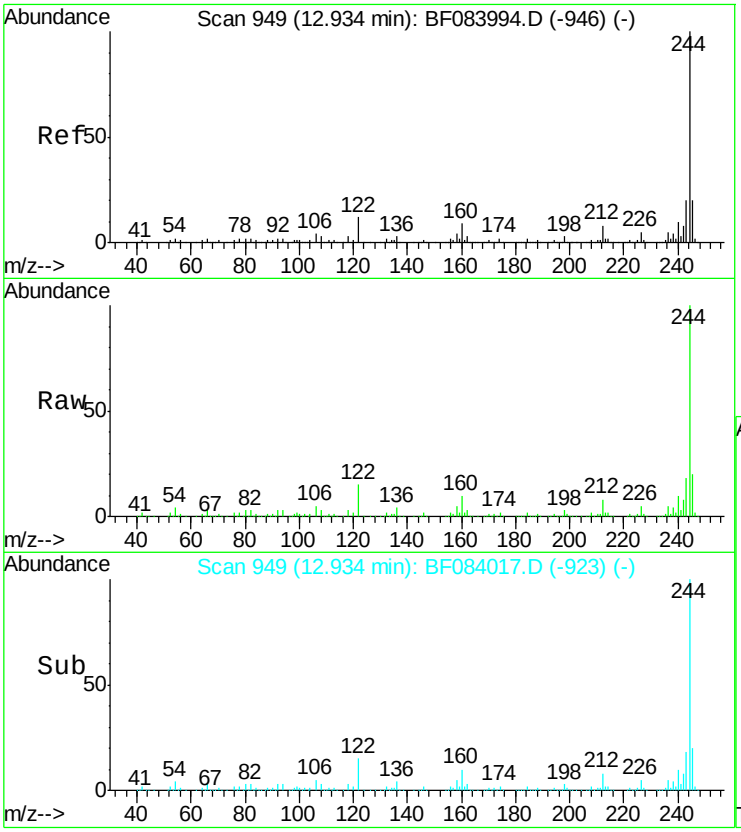


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084017.D
Acq: 23 Dec 2015 4:44

Tgt Ion:240 Resp: 158254

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.3	20.6	31.0



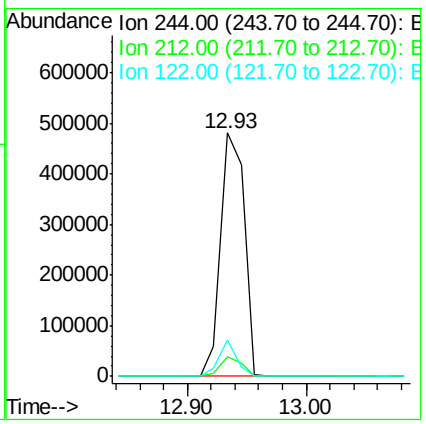


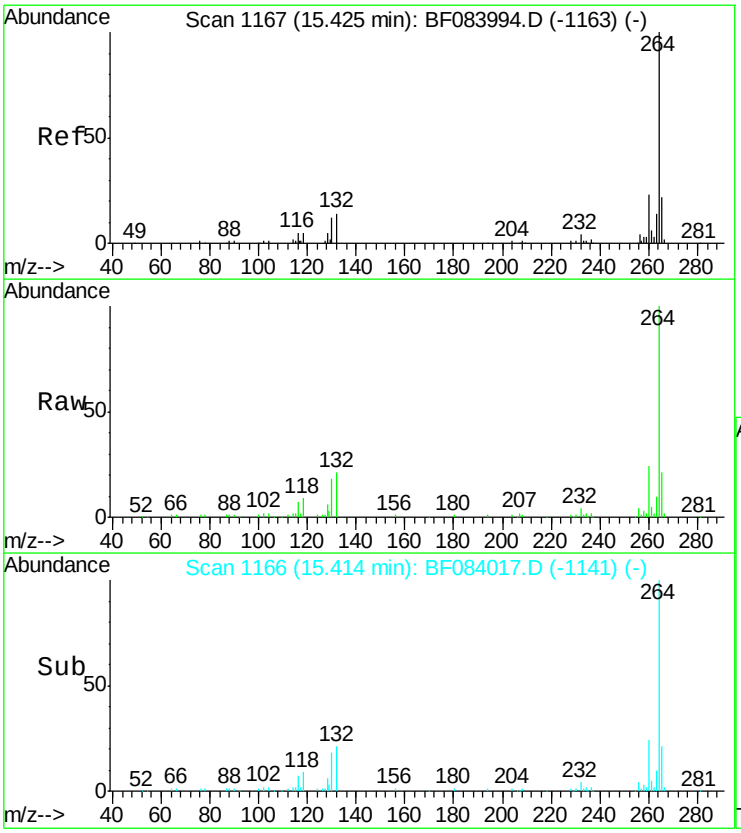
#78
Terphenyl-d14
Concen: 99.84 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084017.D
Acq: 23 Dec 2015 4:44

Instrument :
BNA_F
ClientSampleId :
FB-20151214

Tgt Ion:244 Resp: 662537

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	15.0	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084017.D
Acq: 23 Dec 2015 4:44

Tgt Ion:264 Resp: 125141

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.0	17.8	26.6