Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084606.D
Acq On : 25 Jan 2016 14:46
Operator : SJ/IZ
Sample : H1201-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Time: Jan 25 16:46:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	183760	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	697068	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	434345	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	875582	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	794343	20.00	ng	-0.01
86) Perylene-d12	15.28	264	658034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	776030	68.31	ng	0.00
7) Phenol-d6	6.38	99	649045	45.49	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1506411	120.27	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	724991	165.33	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2138905	86.76	ng	0.00
78) Terphenyl-d14	12.84	244	2975183	83.61	ng	-0.01
Target Compounds						Qvalue

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

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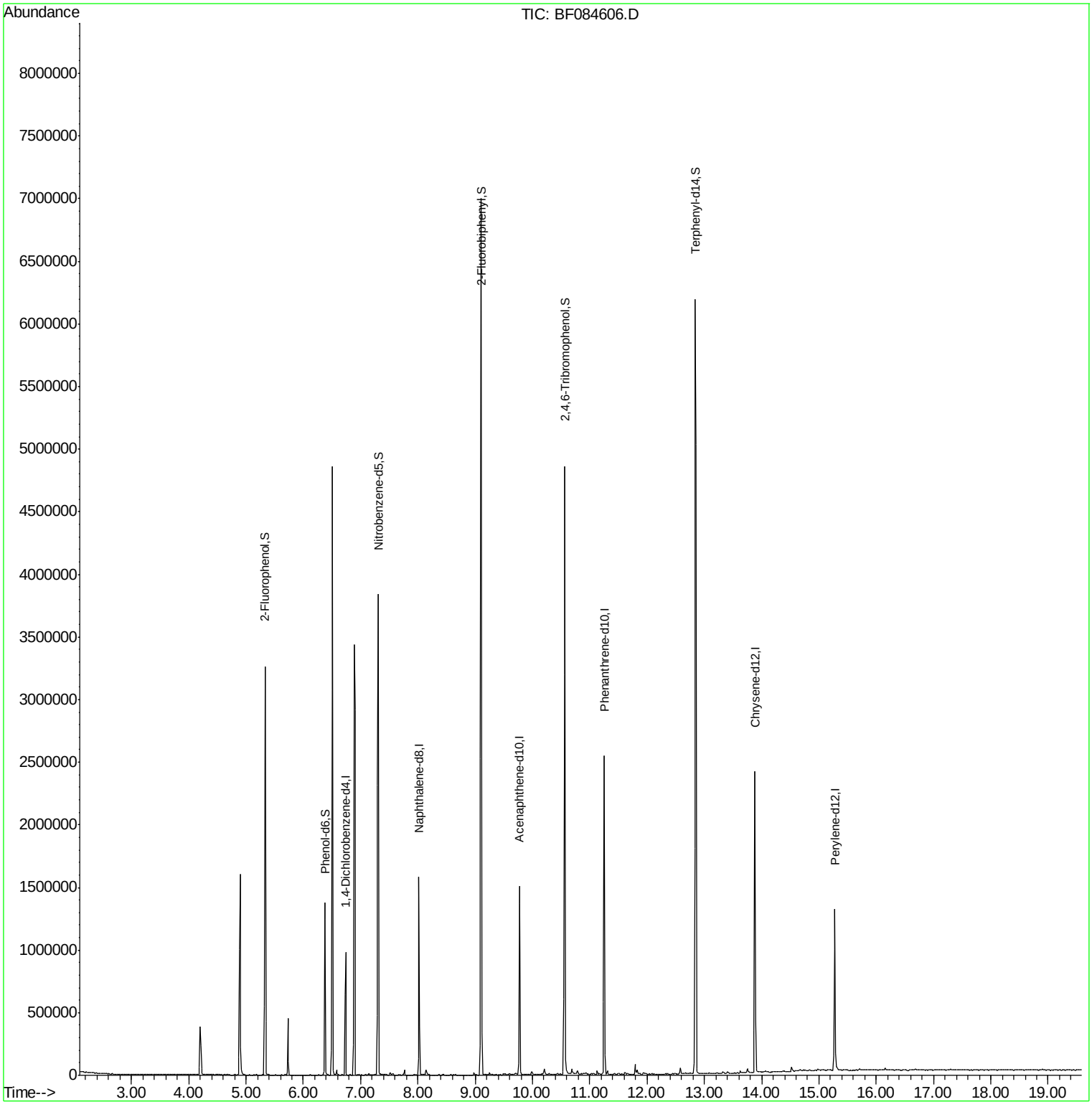
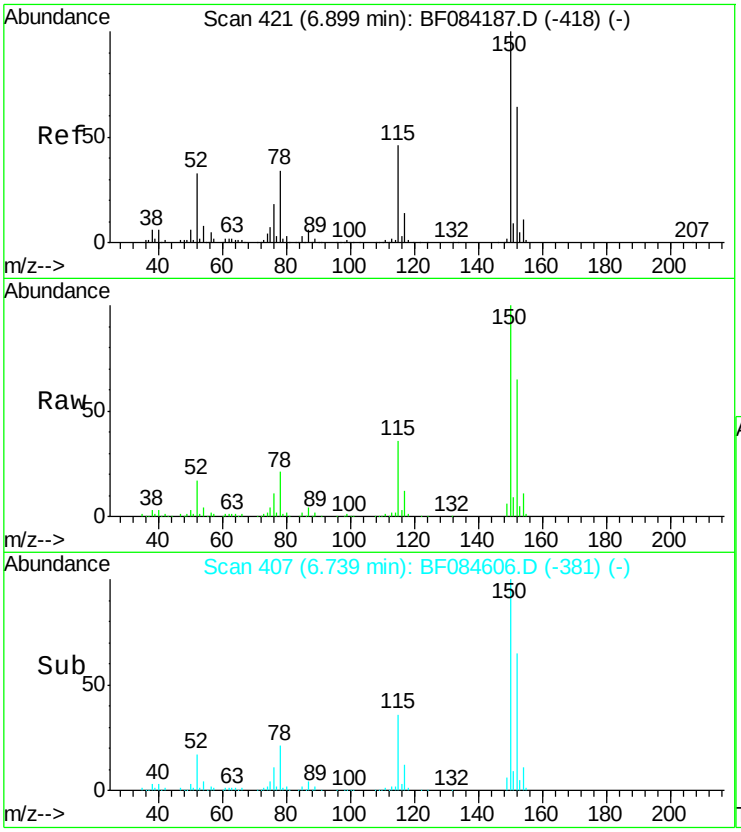


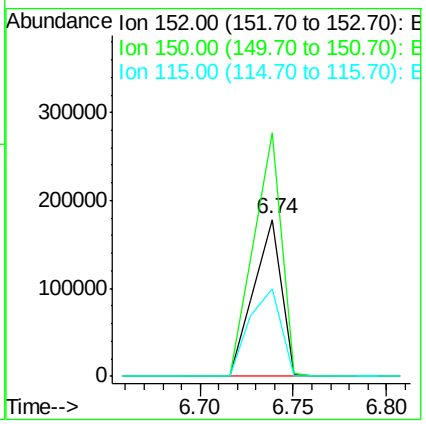


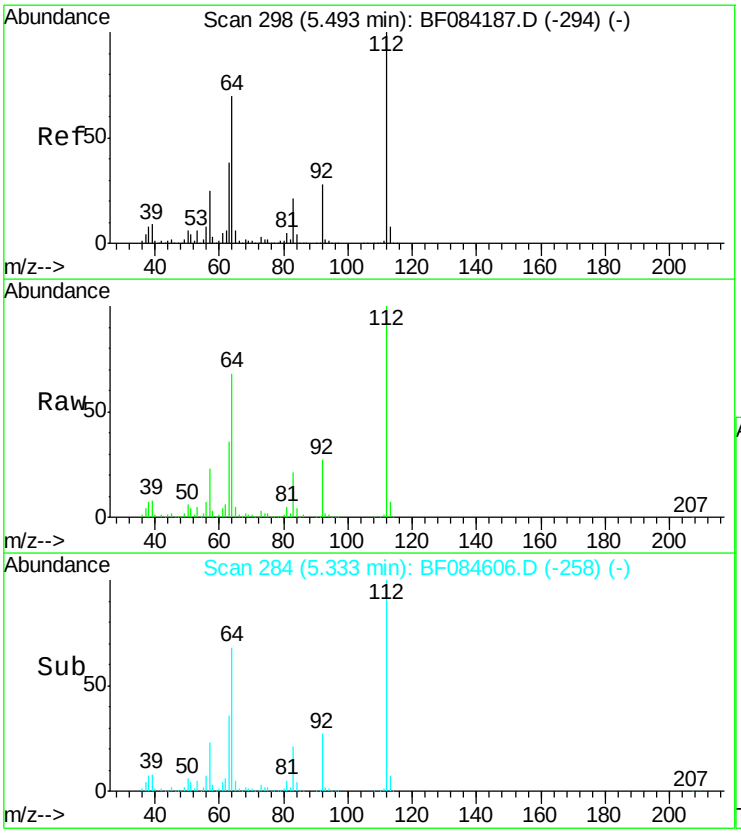
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 183760

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.0	184.4
115	55.8	51.4	77.2

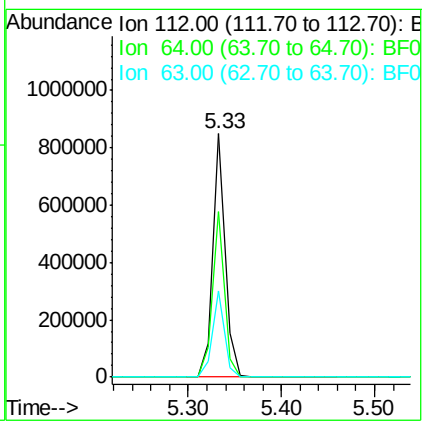


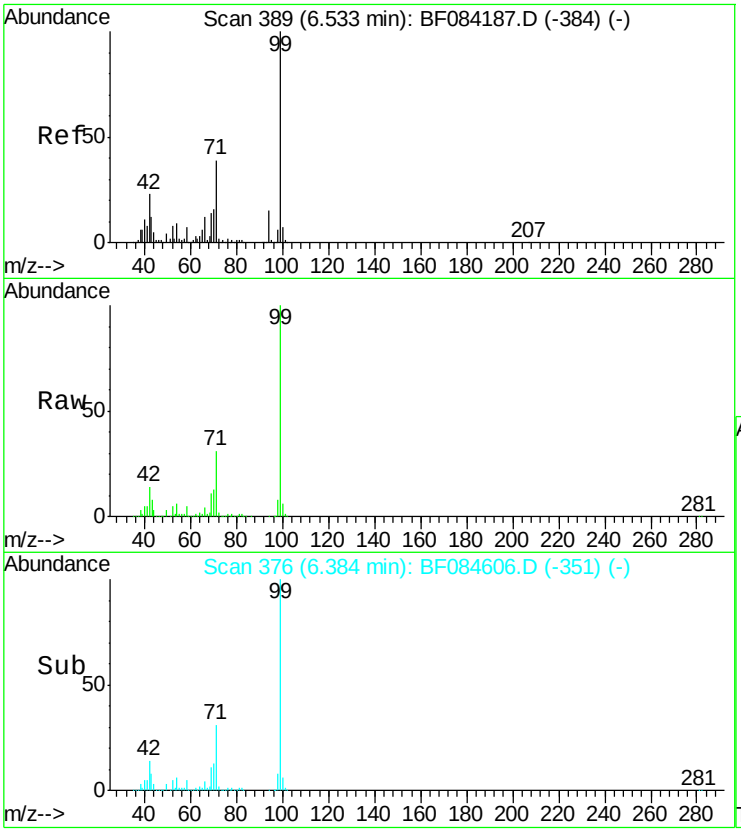


#5
2-Fluorophenol
Concen: 68.31 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.00 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Tgt Ion:112 Resp: 776030

Ion	Ratio	Lower	Upper
112	100		
64	67.8	36.6	55.0#
63	35.5	19.4	29.0#



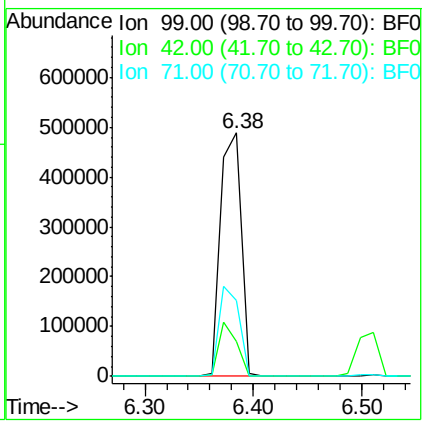


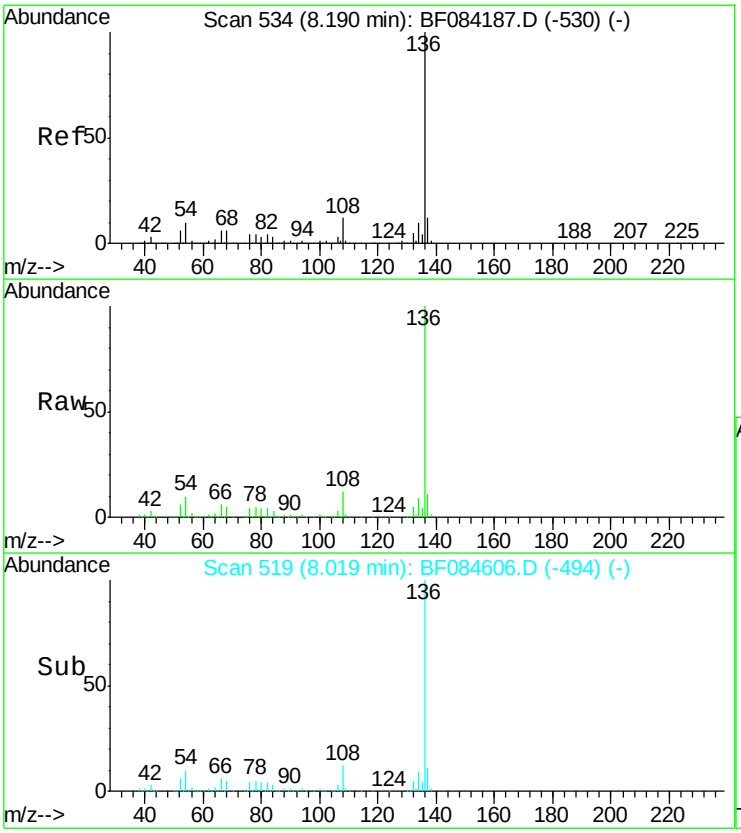
#7
Phenol-d6
Concen: 45.49 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 99 Resp: 649045

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.8	19.2
71	31.5	30.9	46.3

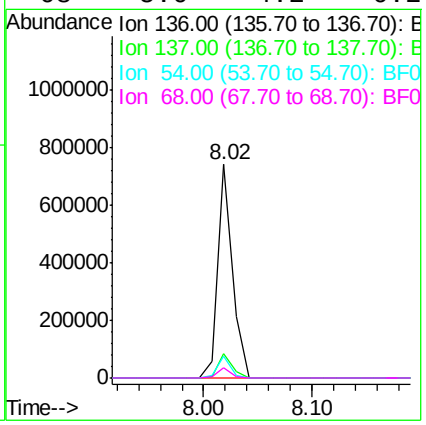


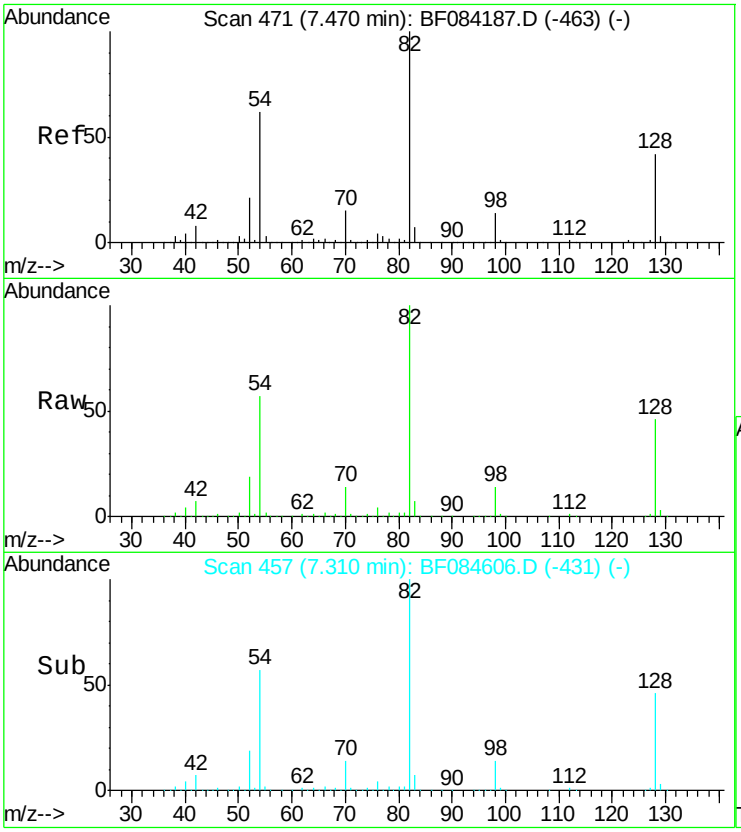


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Tgt Ion:136 Resp: 697068

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.1	5.8	8.8#
68	5.0	4.2	6.2



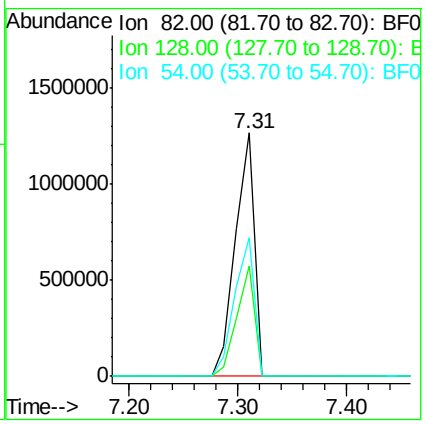


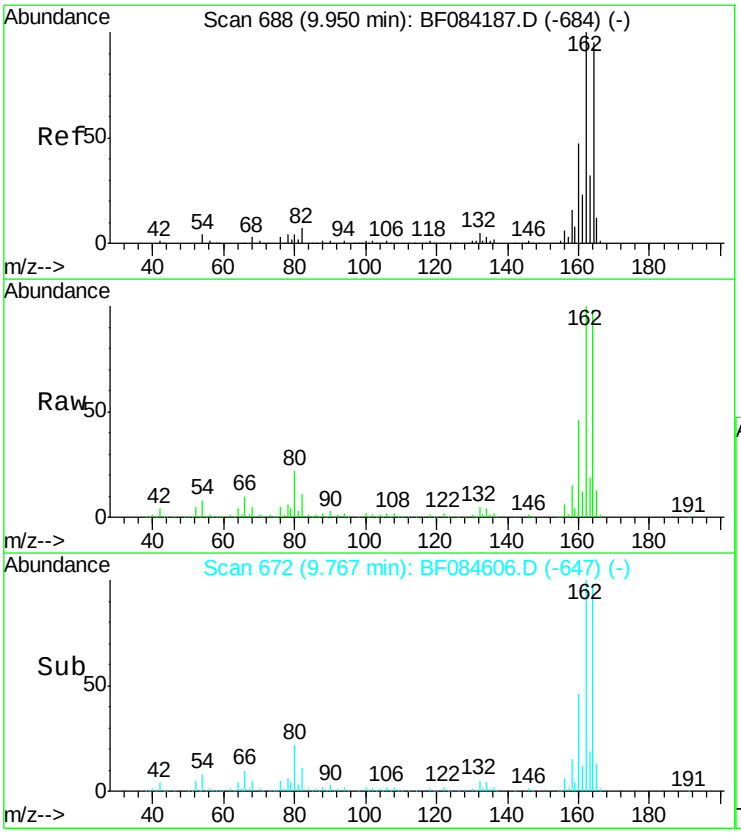
#23
Nitrobenzene-d5
Concen: 120.27 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 82 Resp: 1506411

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	56.8	38.4	57.6

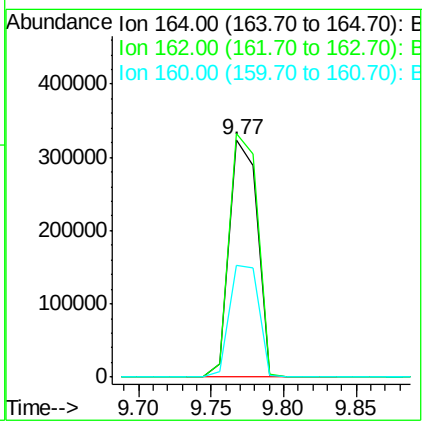


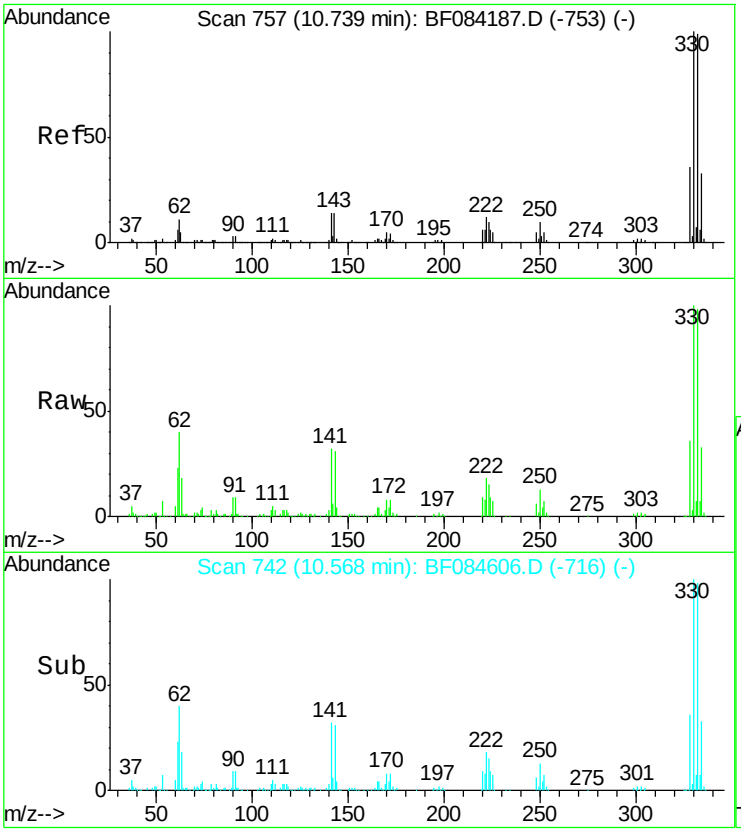


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Tgt Ion:164 Resp: 434345

Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.1	127.7
160	47.0	37.5	56.3



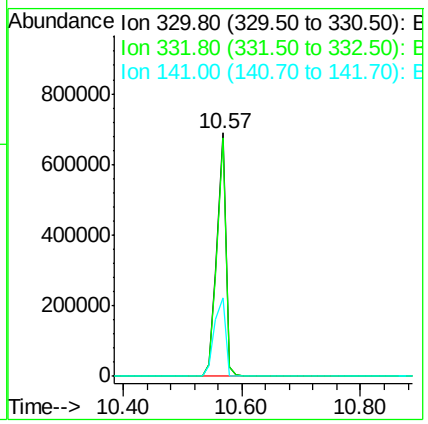


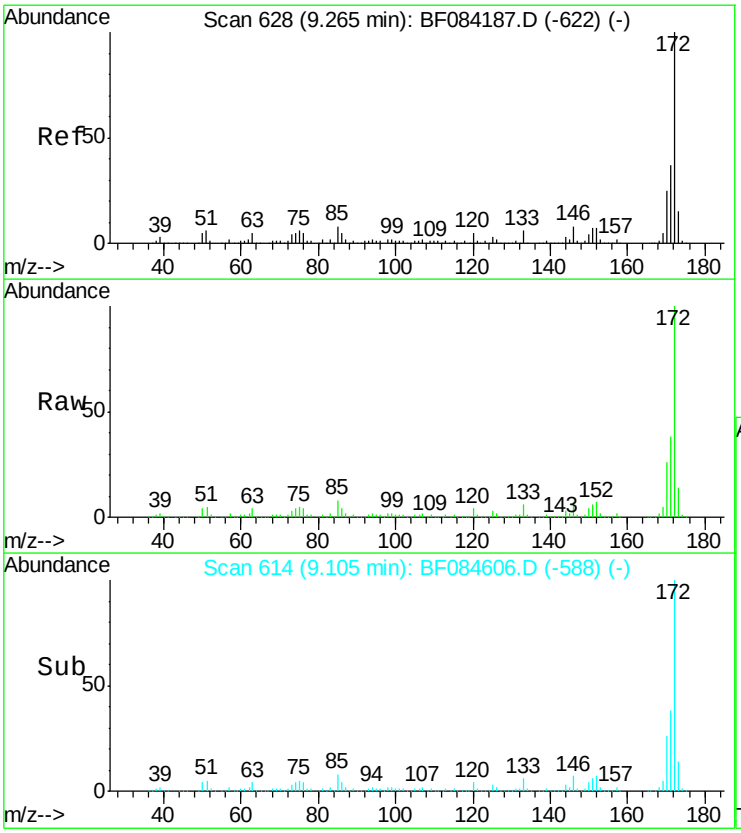
#41
2,4,6-Tribromophenol
Concen: 165.33 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:330 Resp: 724991

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	40.0	27.8	41.6

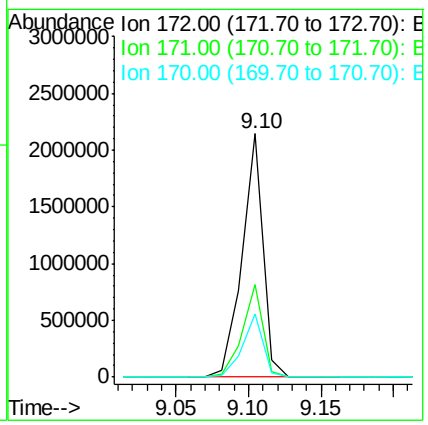


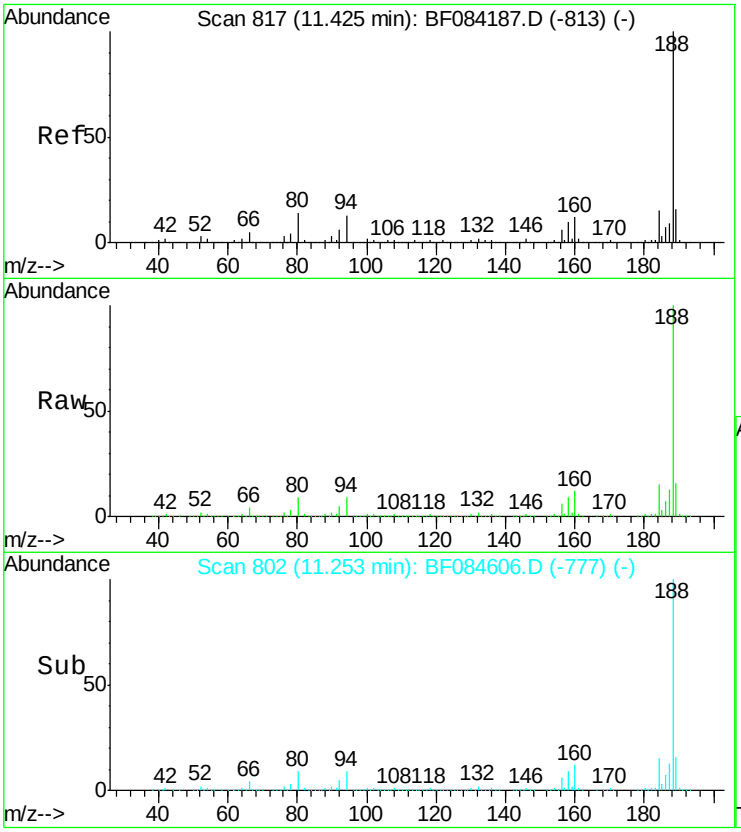


#44
2-Fluorobiphenyl
Concen: 86.76 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Tgt Ion:172 Resp: 2138905

Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	25.8	18.6	27.8



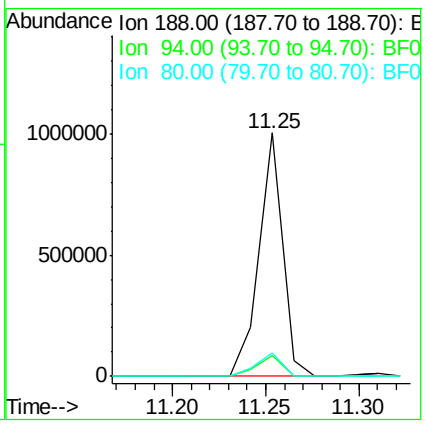


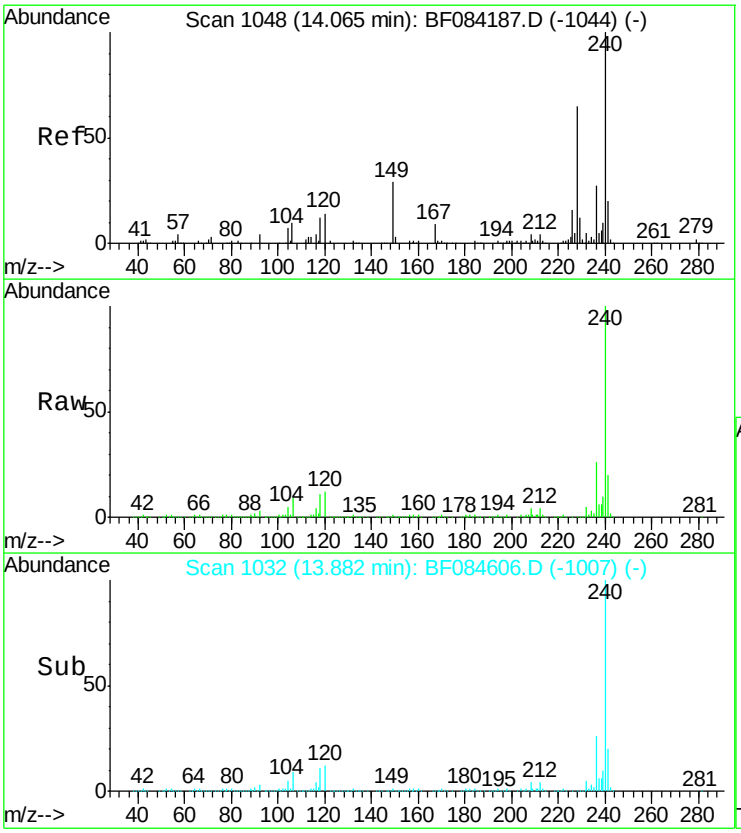
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:188 Resp: 875582

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	9.4	9.6	14.4#

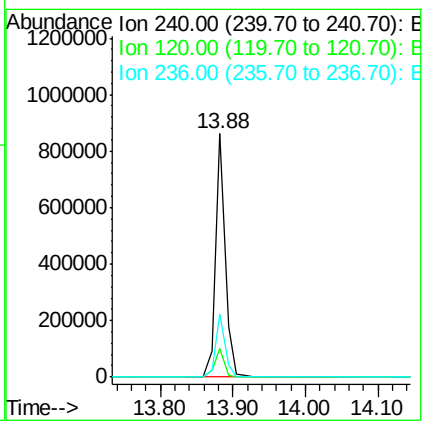


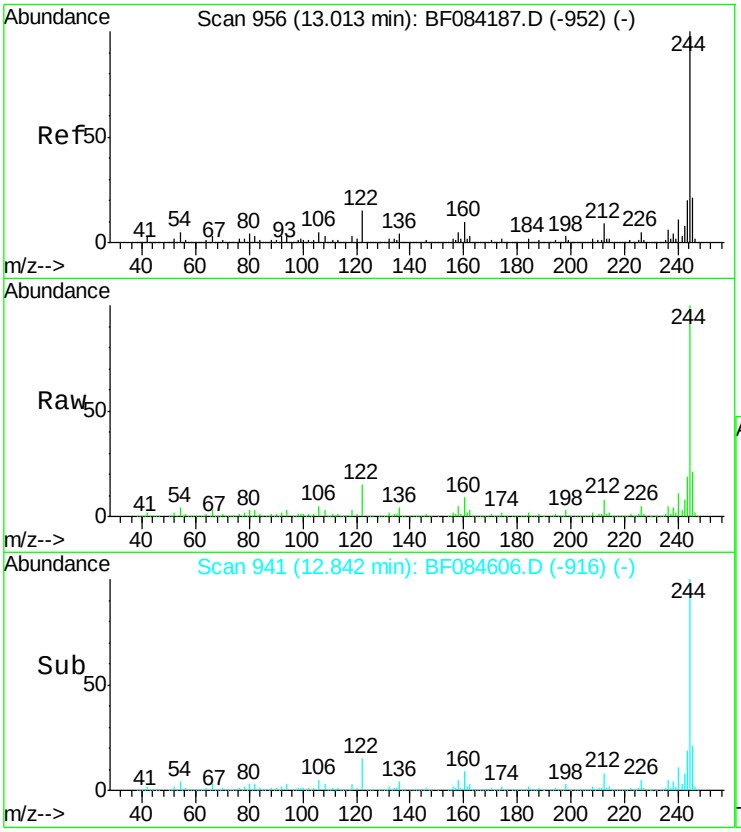


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Tgt Ion:240 Resp: 794343

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.2	20.6	31.0



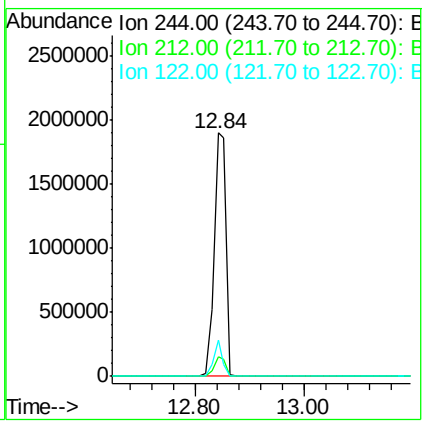


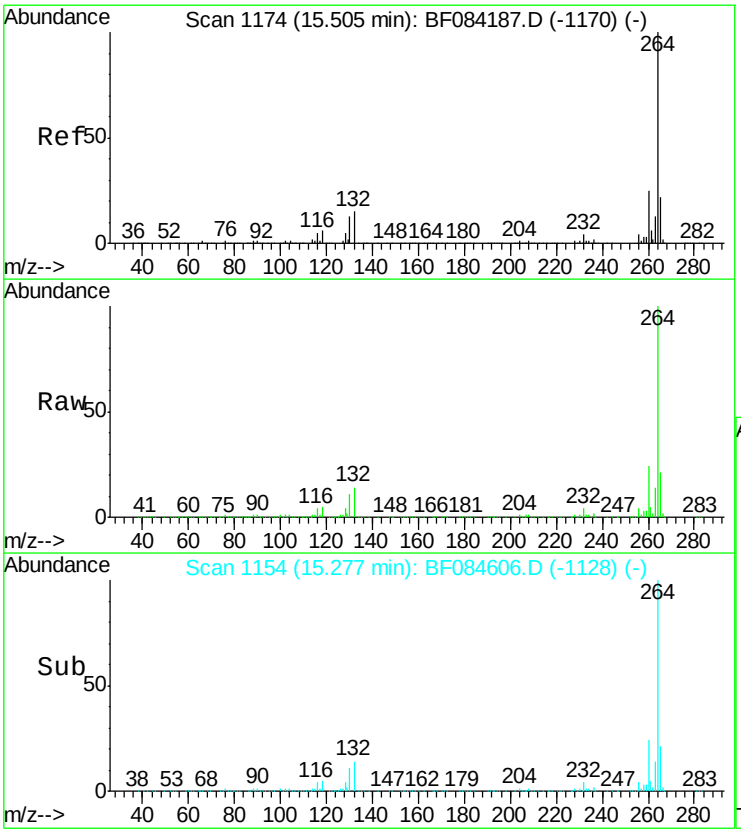
#78
Terphenyl-d14
Concen: 83.61 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:244 Resp: 2975183

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.9	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF084606.D
Acq: 25 Jan 2016 14:46

Tgt Ion:264 Resp: 658034

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.5	17.8	26.6