Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083014.D
Acq On : 18 Nov 2015 17:04
Operator : UM/IZ
Sample : PB86689TB
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86689TB

Quant Time: Nov 19 02:41:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148260	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	821369	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	429555	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	770345	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	686561	20.00	ng	-0.02
86) Perylene-d12	15.27	264	522295	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1099043	115.34	ng	0.01
7) Phenol-d6	6.38	99	1526154	120.48	ng	-0.01
23) Nitrobenzene-d5	7.30	82	931700	49.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	453960	92.17	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1905697	63.58	ng	-0.01
78) Terphenyl-d14	12.83	244	1978930	68.36	ng	-0.01

Target Compounds	Qvalue

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

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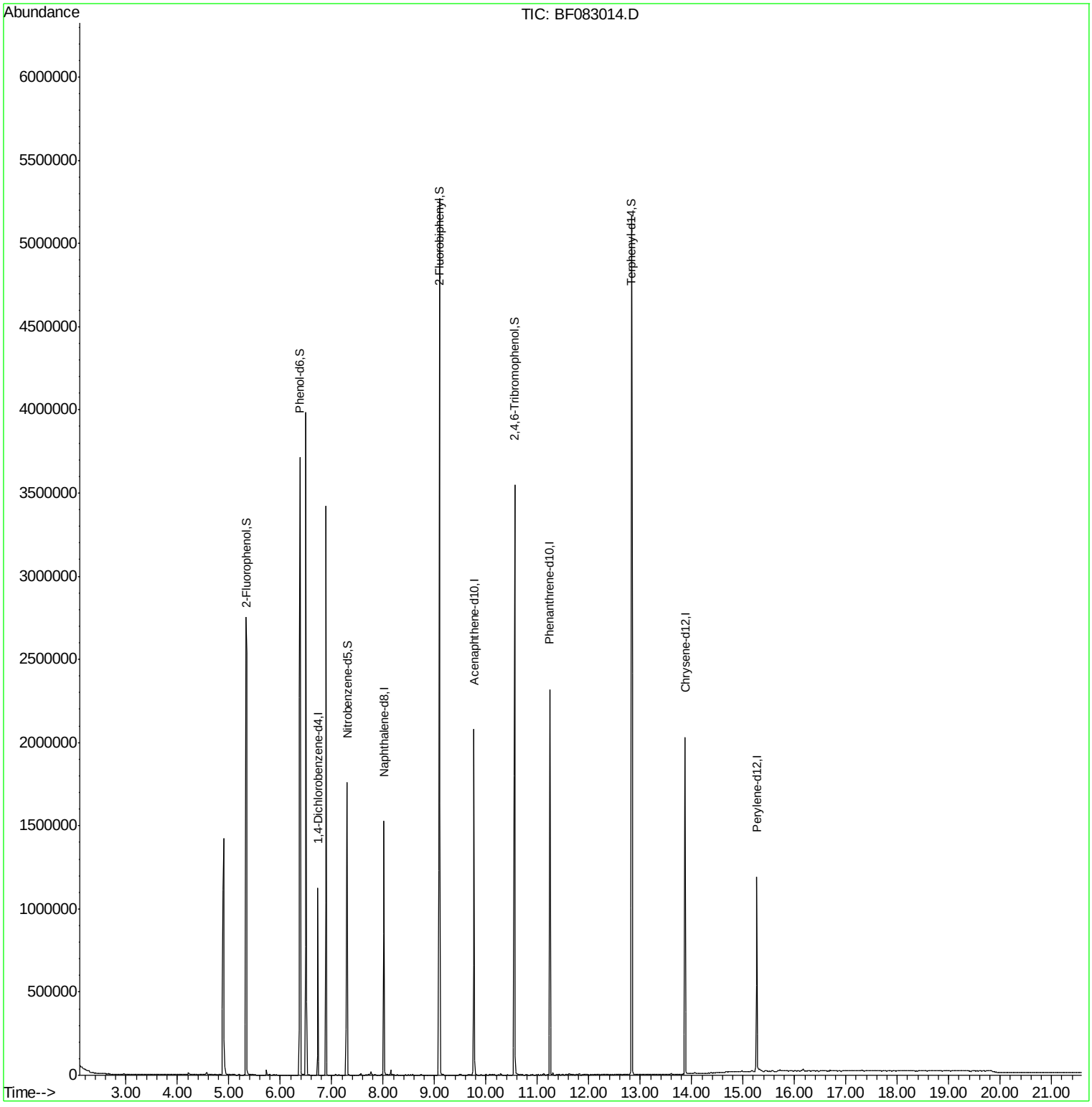
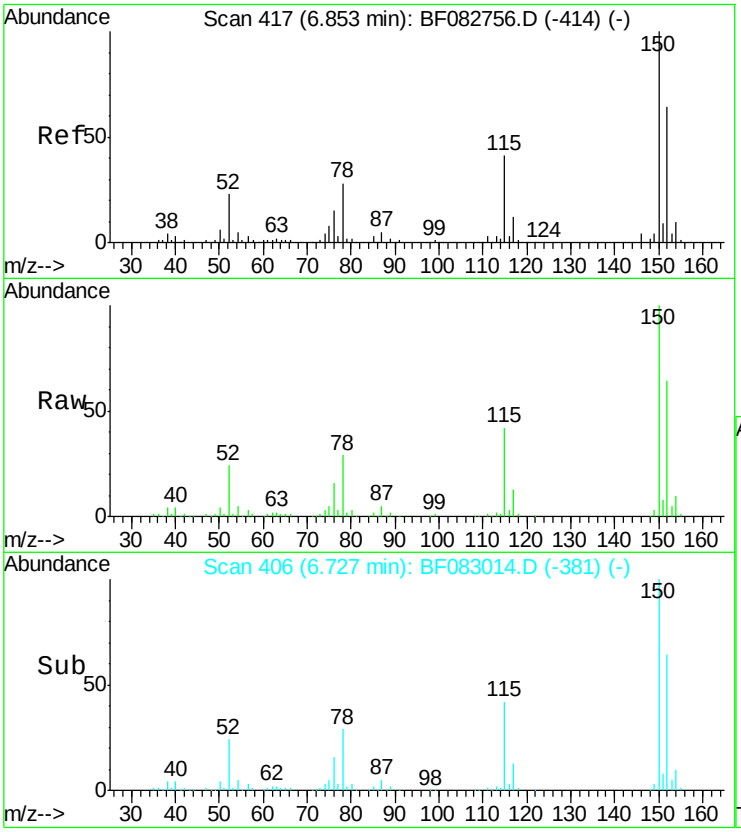


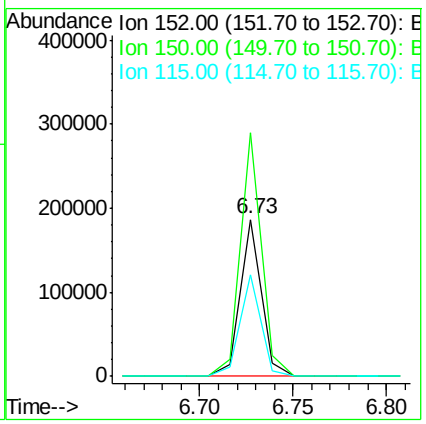


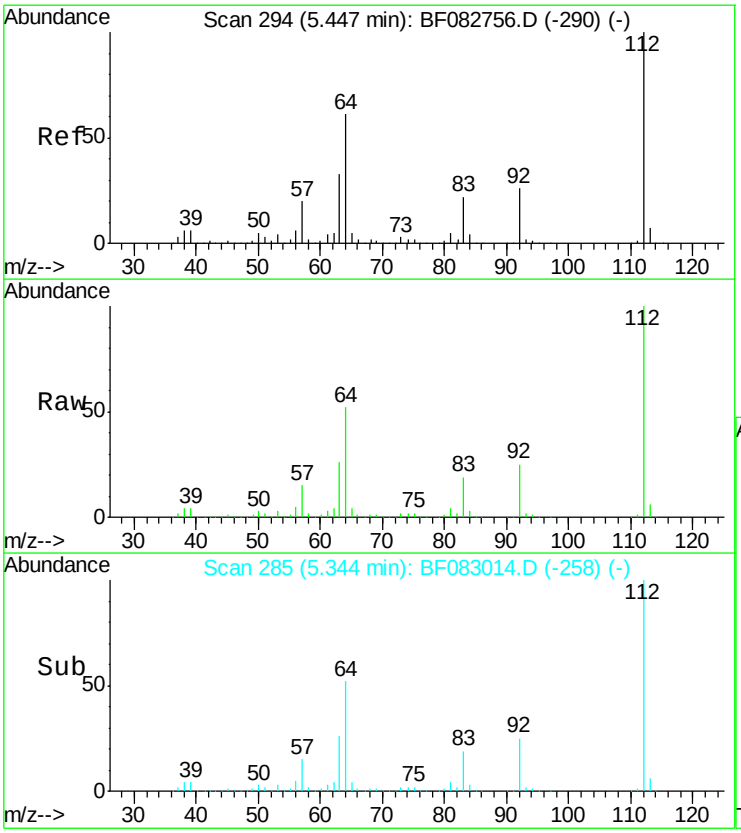
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB86689TB

Tgt Ion:152 Resp: 148260

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.0	190.4
115	65.0	47.0	70.6

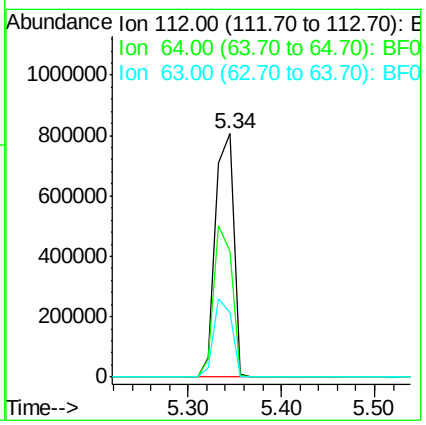


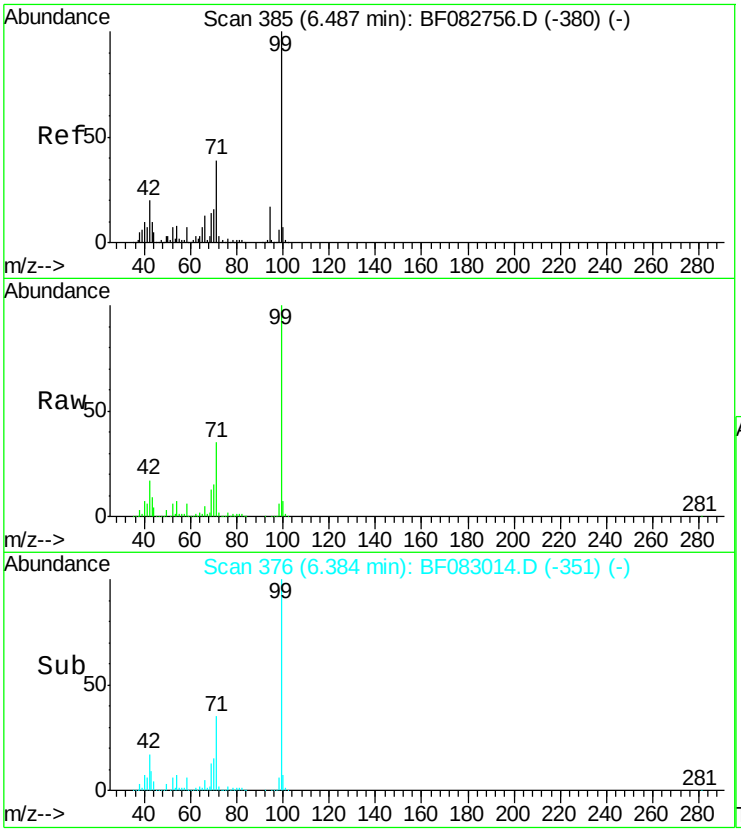


#5
2-Fluorophenol
Concen: 115.34 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Tgt Ion:112 Resp: 1099043

Ion	Ratio	Lower	Upper
112	100		
64	51.7	48.9	73.3
63	26.4	28.1	42.1#



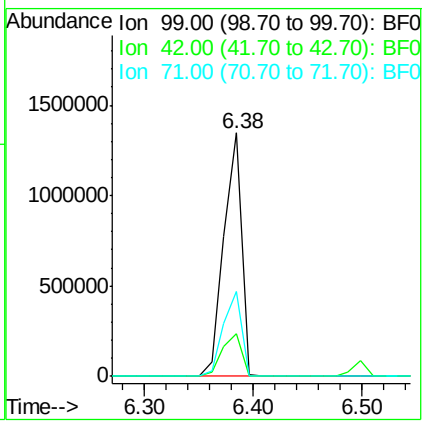


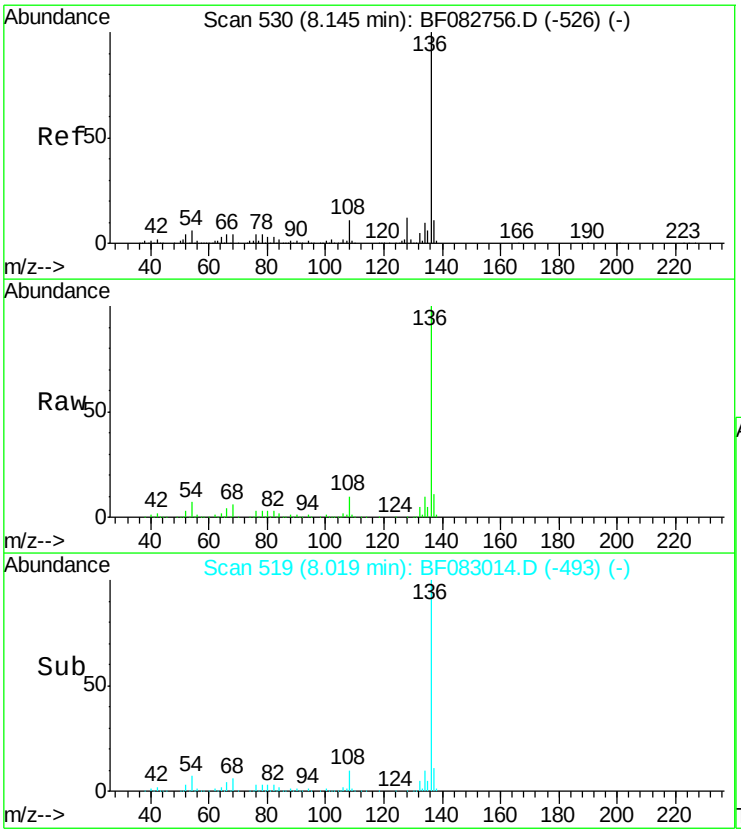
#7
Phenol-d6
Concen: 120.48 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB86689TB

Tgt Ion: 99 Resp: 1526154

Ion	Ratio	Lower	Upper
99	100		
42	17.5	19.2	28.8#
71	34.8	35.0	52.4#

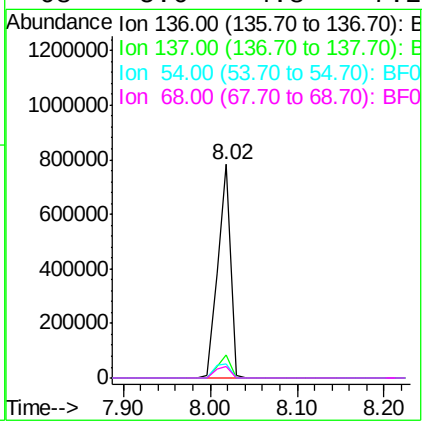


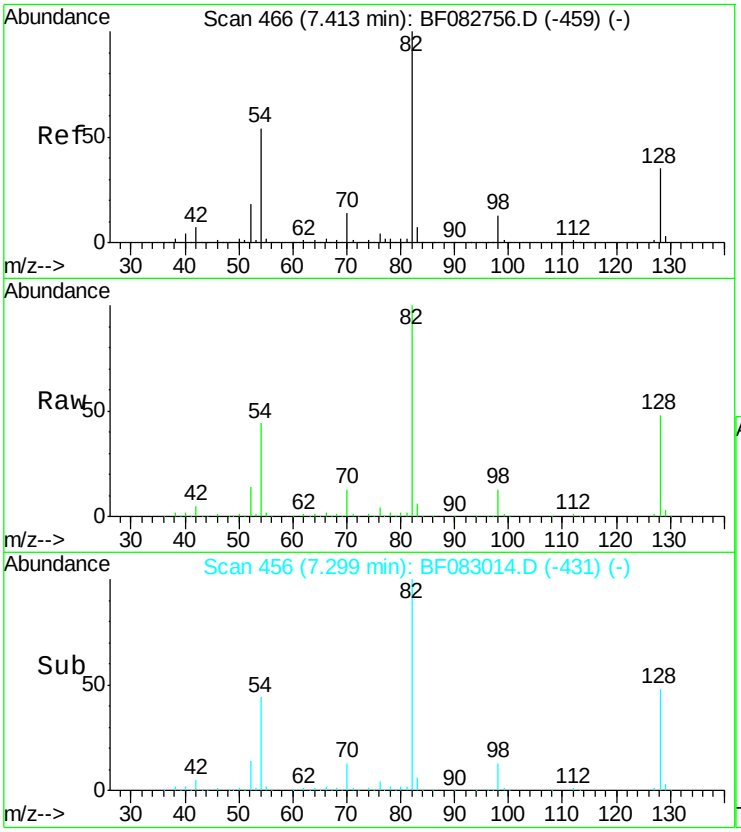


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Tgt Ion:136 Resp: 821369

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.9	9.1	13.7#
68	5.6	4.8	7.2



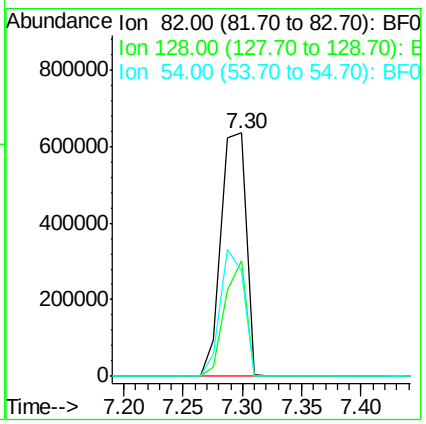


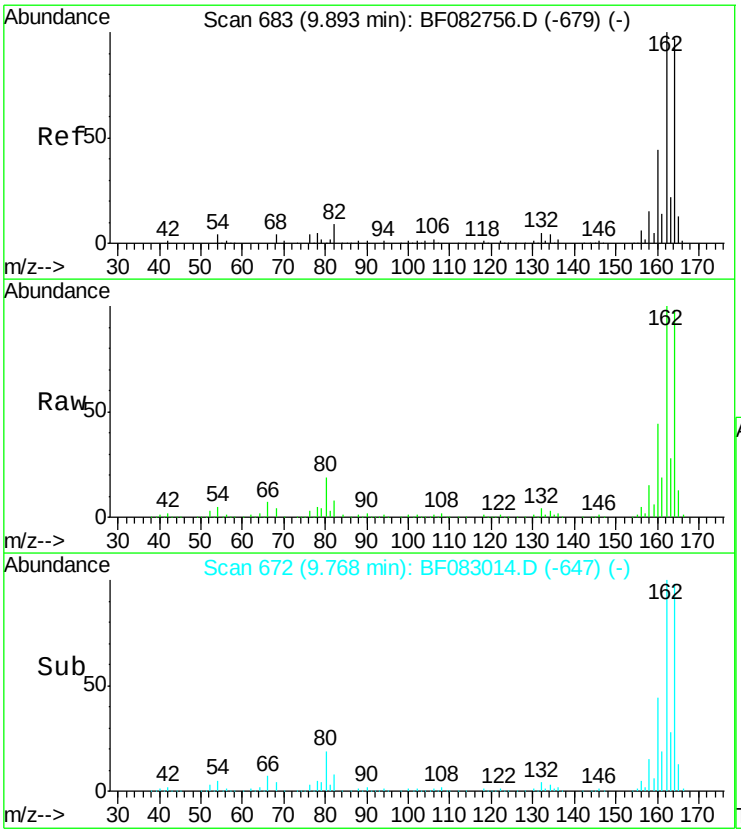
#23
Nitrobenzene-d5
Concen: 49.36 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB86689TB

Tgt Ion: 82 Resp: 931700

Ion	Ratio	Lower	Upper
82	100		
128	47.7	26.8	40.2#
54	43.5	45.7	68.5#

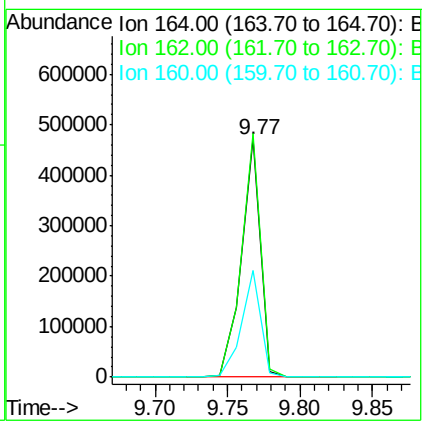


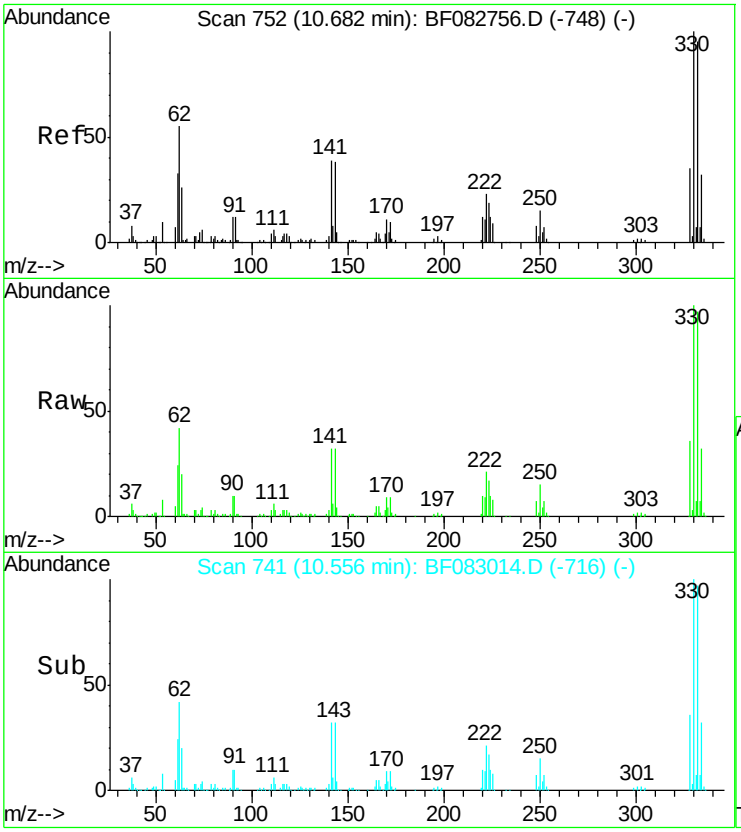


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Tgt Ion:164 Resp: 429555

Ion	Ratio	Lower	Upper
164	100		
162	102.2	84.9	127.3
160	44.8	37.5	56.3



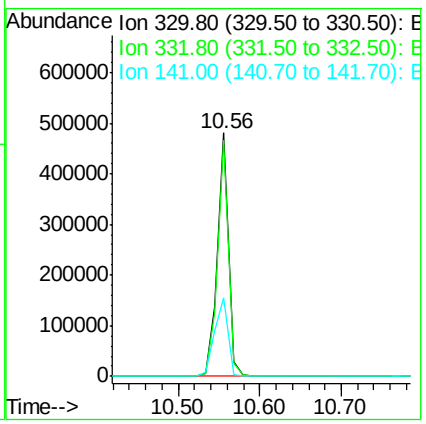


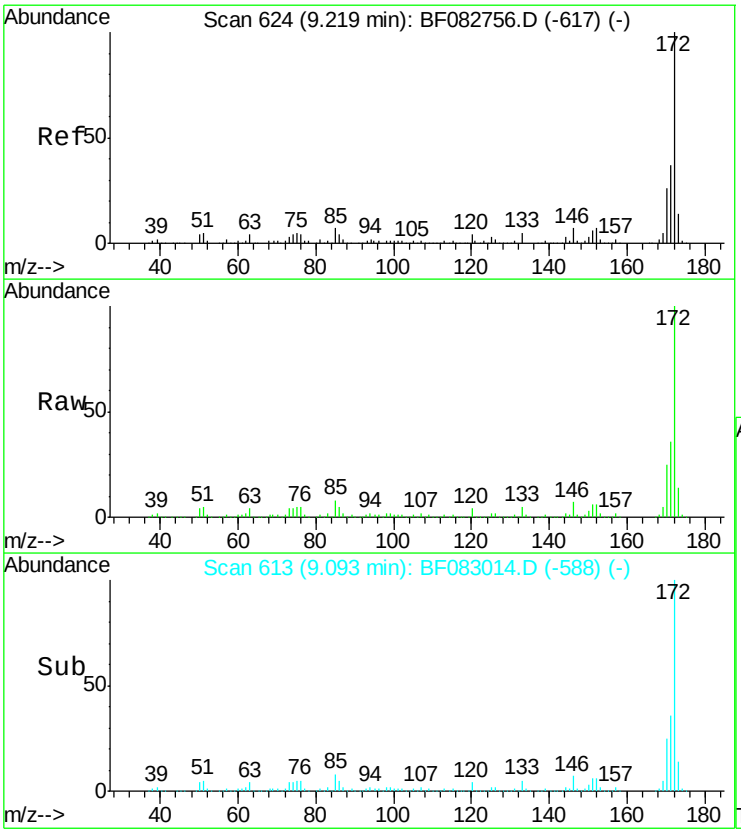
#41
2,4,6-Tribromophenol
Concen: 92.17 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB86689TB

Tgt Ion:330 Resp: 453960

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	38.9	41.2	61.8#

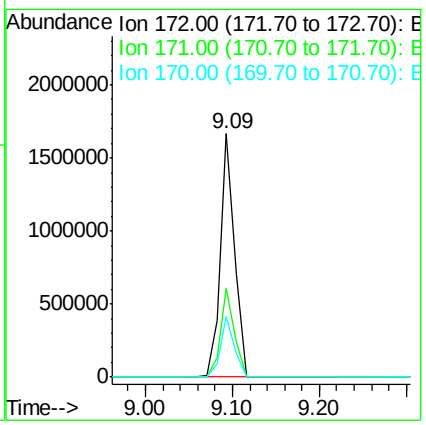


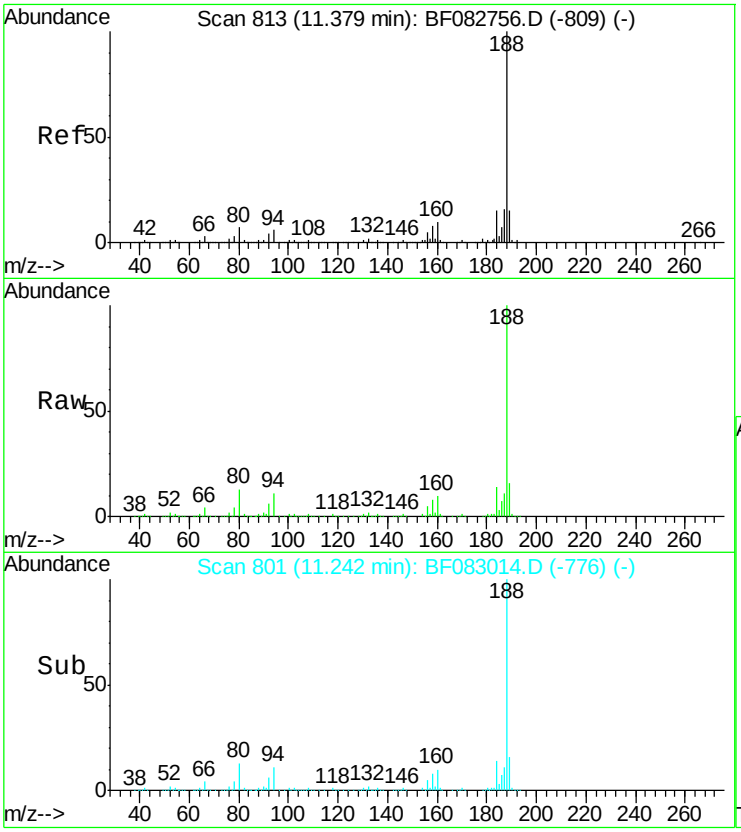


#44
2-Fluorobiphenyl
Concen: 63.58 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Tgt Ion:172 Resp: 1905697

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.8	46.2
170	24.8	21.2	31.8



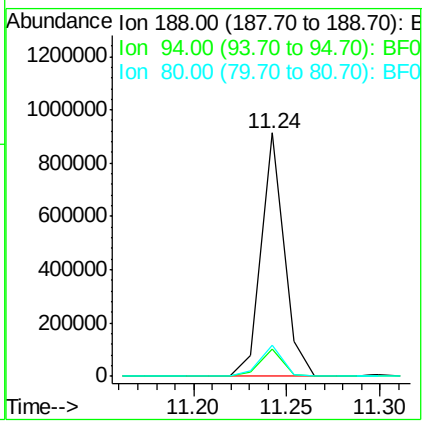


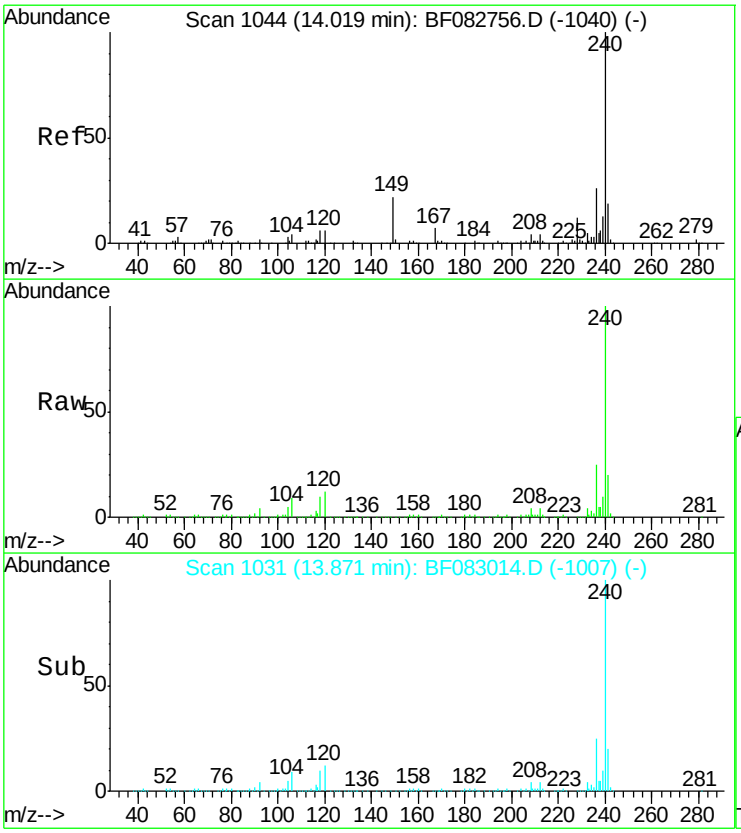
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB86689TB

Tgt Ion:188 Resp: 770345

Ion	Ratio	Lower	Upper
188	100		
94	11.2	6.1	9.1#
80	12.7	7.0	10.6#

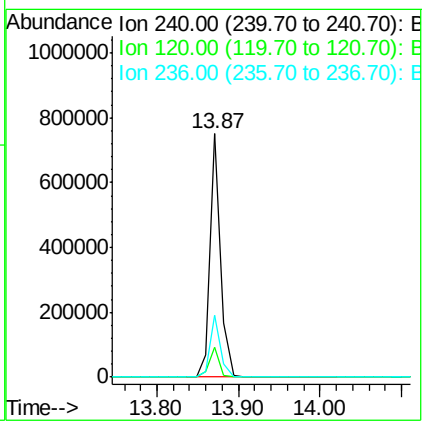


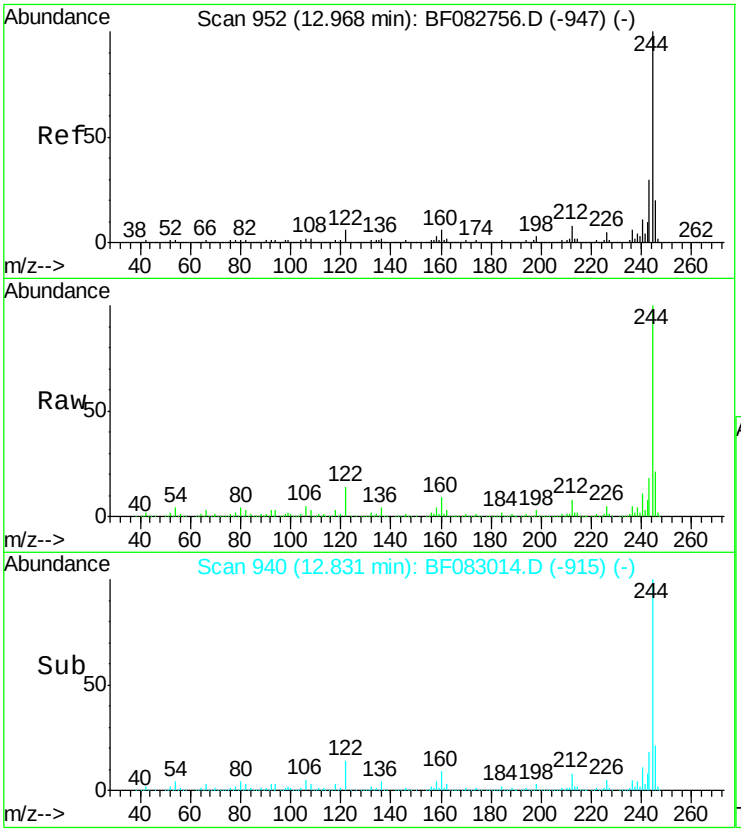


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Tgt Ion:240 Resp: 686561

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.9	16.3
236	25.2	21.6	32.4



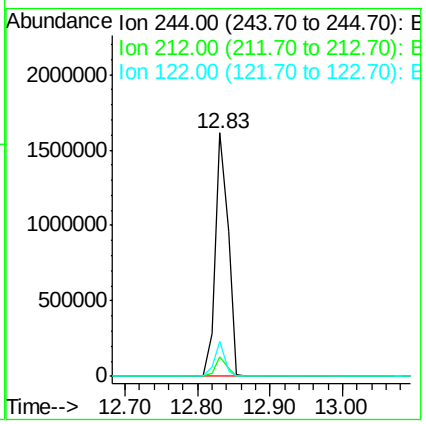


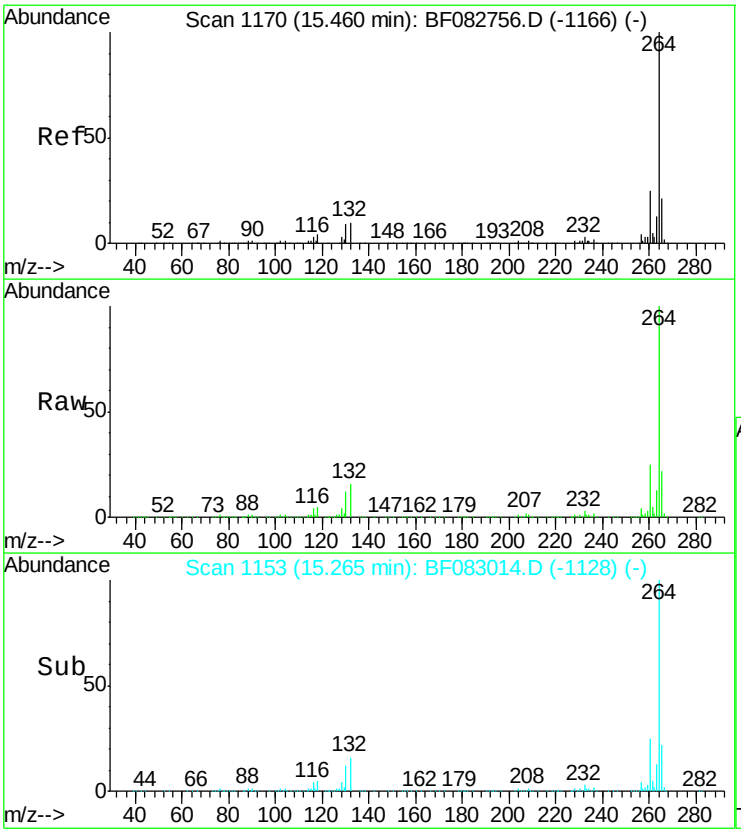
#78
Terphenyl-d14
Concen: 68.36 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB86689TB

Tgt Ion:244 Resp: 1978930

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.6	11.4
122	14.5	11.3	16.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF083014.D
Acq: 18 Nov 2015 17:04

Tgt Ion:264 Resp: 522295

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	21.6	17.4	26.0