Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085303.D
Acq On : 9 Mar 2016 17:13
Operator : UM/SJ
Sample : H1623-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-31-022516

Quant Time: Mar 10 00:20:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	195461	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	738354	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	329748	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	663490	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	486360	20.00	ng	-0.05
86) Perylene-d12	15.57	264	297276	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1632921	140.13	ng	0.00
7) Phenol-d6	6.58	99	1825505	119.57	ng	-0.02
23) Nitrobenzene-d5	7.51	82	1194369	86.56	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	480249	170.21	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	2010016	92.70	ng	-0.05
78) Terphenyl-d14	13.06	244	1904428	90.90	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.25	128	186416	5.13	ng	97

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

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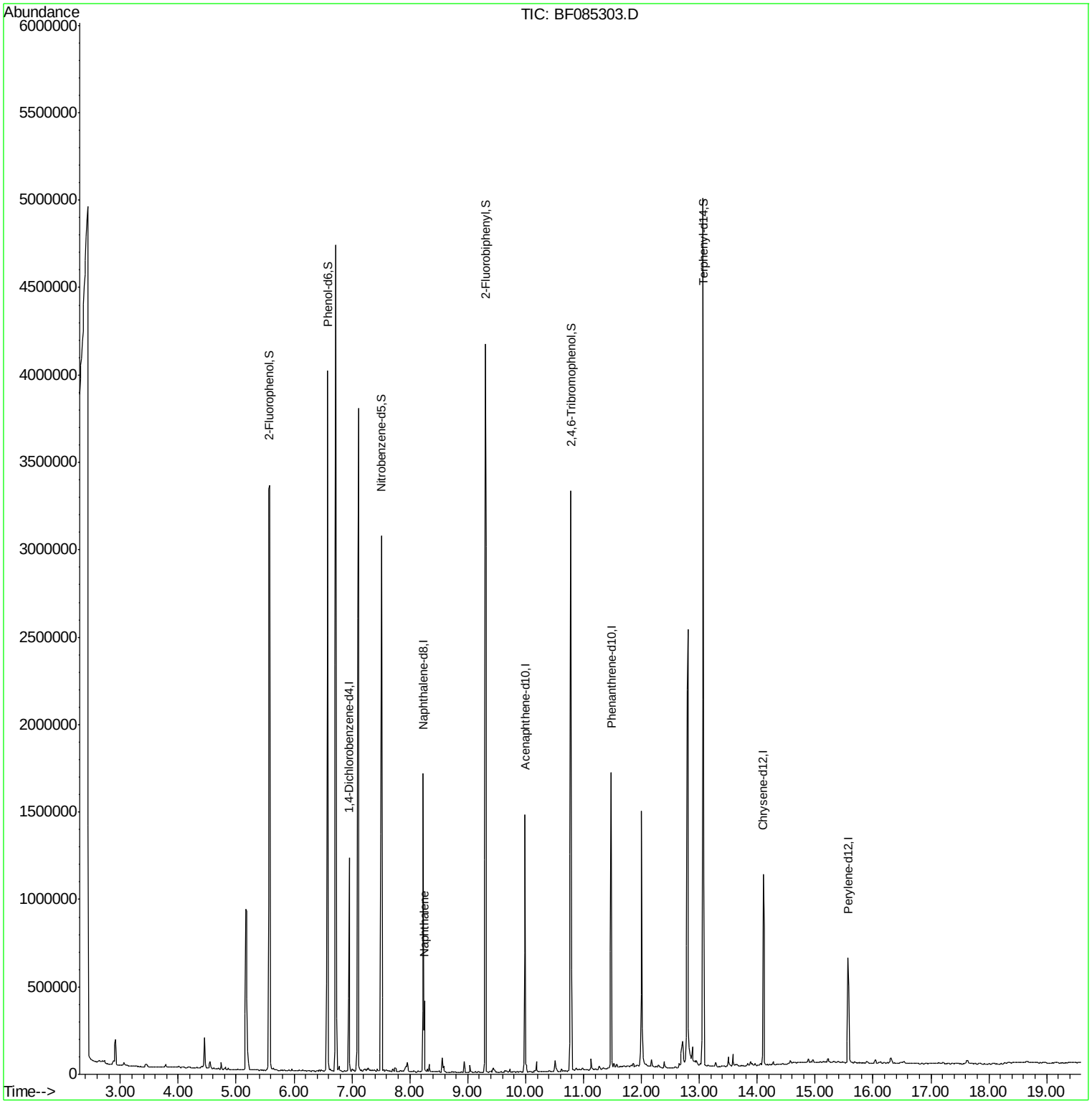
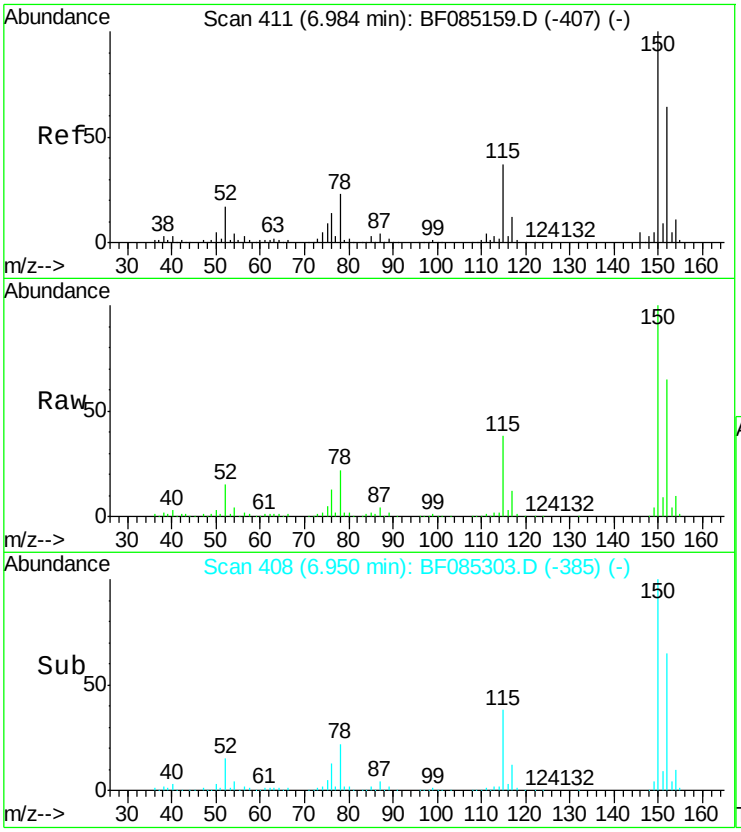


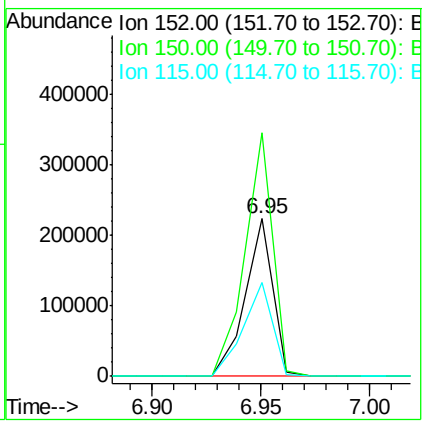


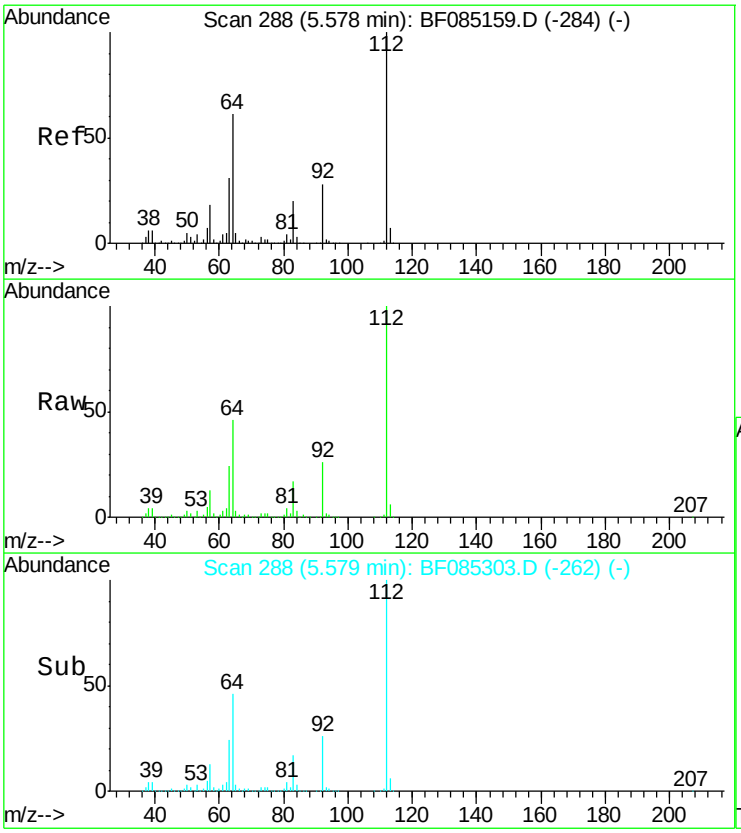
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion:152 Resp: 195461

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	59.2	46.6	70.0

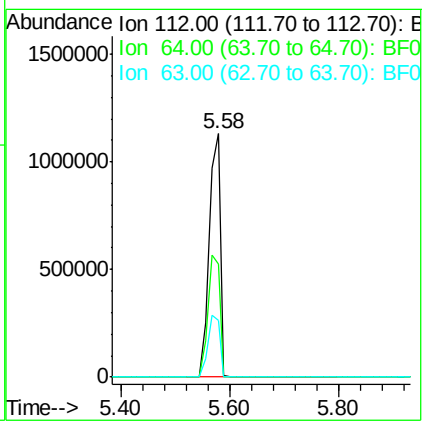


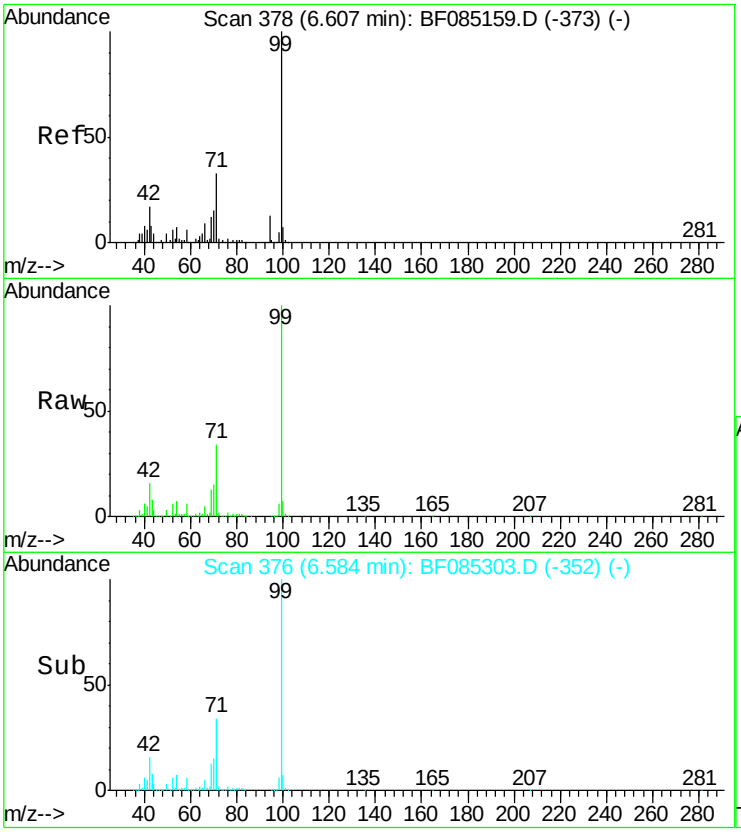


#5
2-Fluorophenol
Concen: 140.13 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Tgt Ion:112 Resp: 1632921

Ion	Ratio	Lower	Upper
112	100		
64	46.2	49.0	73.4#
63	23.5	24.8	37.2#



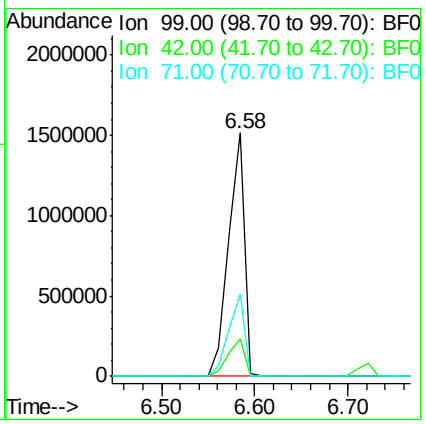


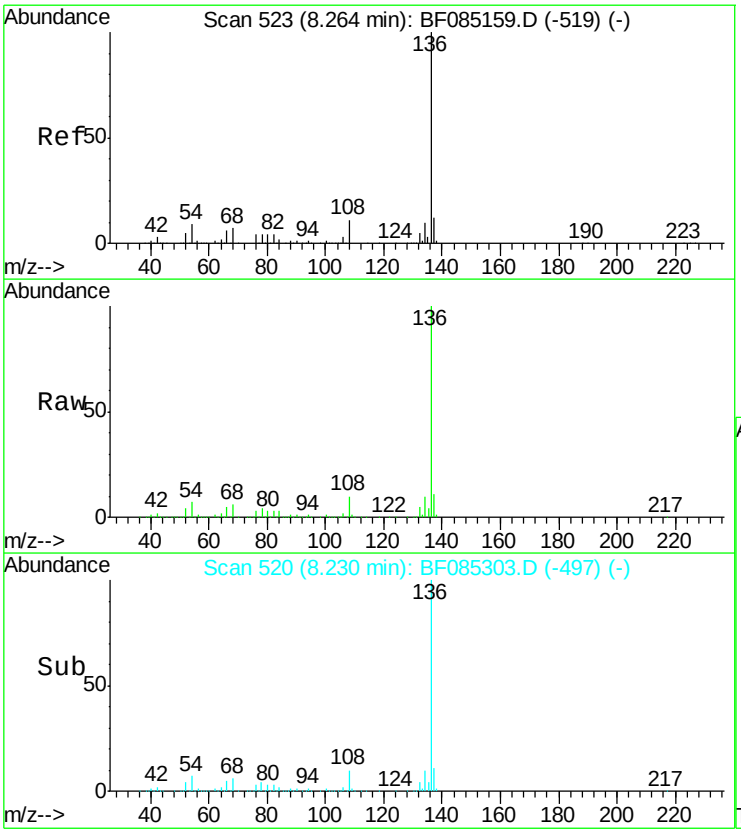
#7
Phenol-d6
Concen: 119.57 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion: 99 Resp: 1825505

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.6	20.4
71	34.0	26.7	40.1

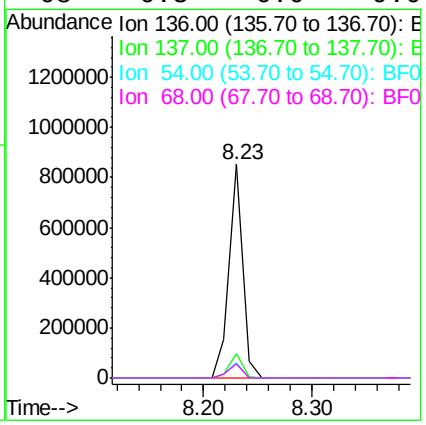


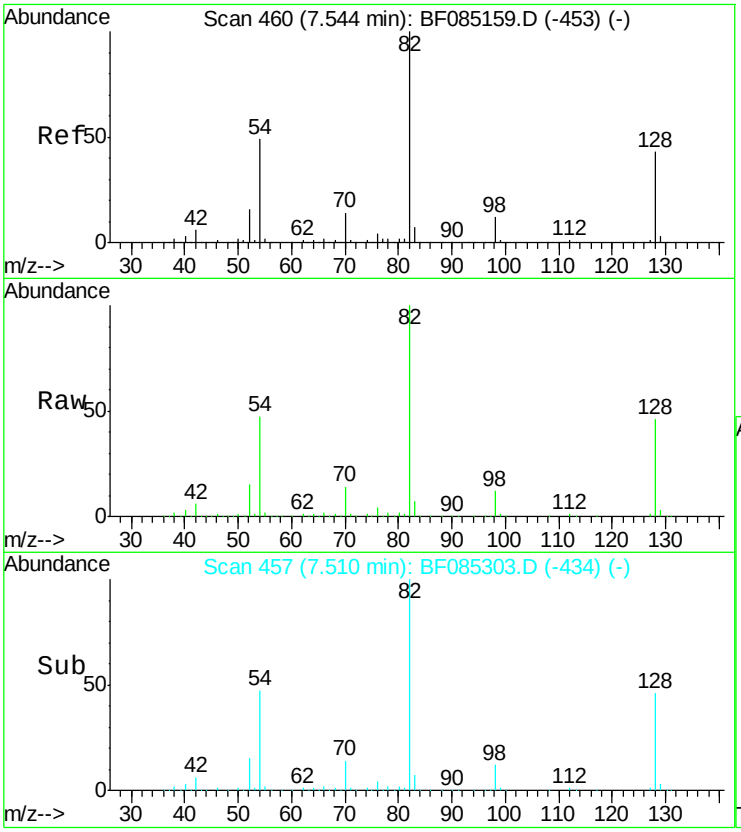


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Tgt Ion:136 Resp: 738354

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.3	7.4	11.2#
68	6.3	6.0	9.0



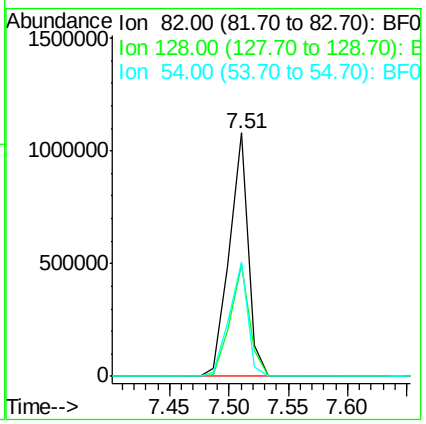


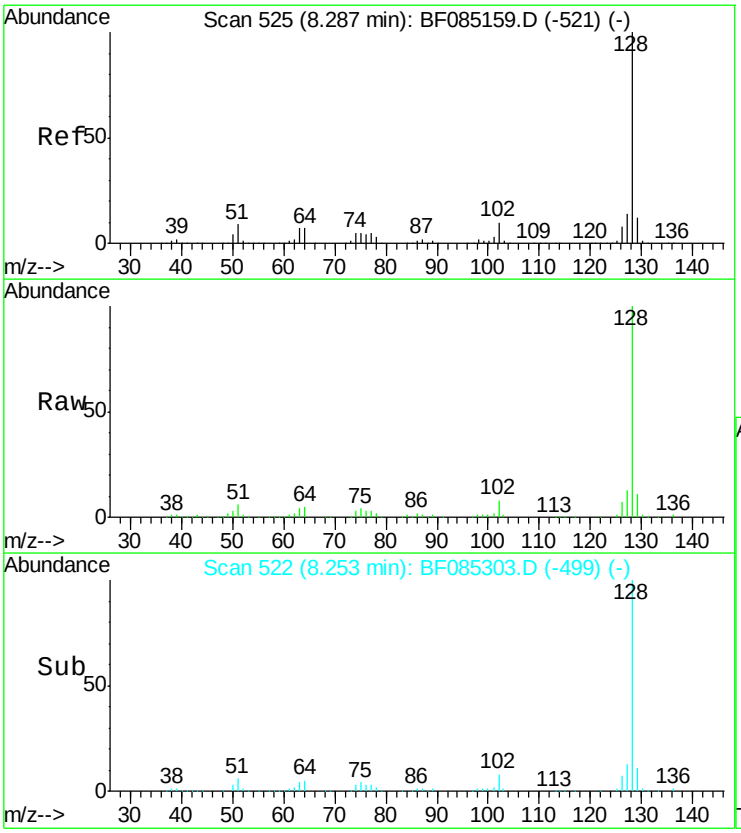
#23
Nitrobenzene-d5
Concen: 86.56 ng
RT: 7.51 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion: 82 Resp: 1194369

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.5	51.7
54	47.0	39.3	58.9

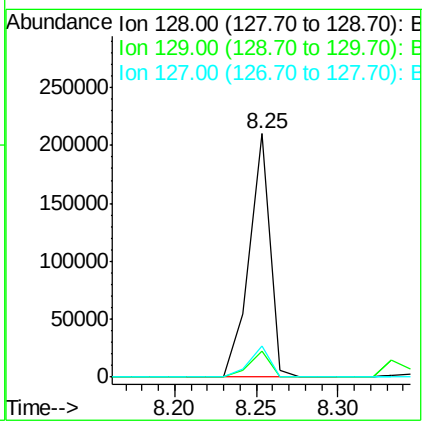


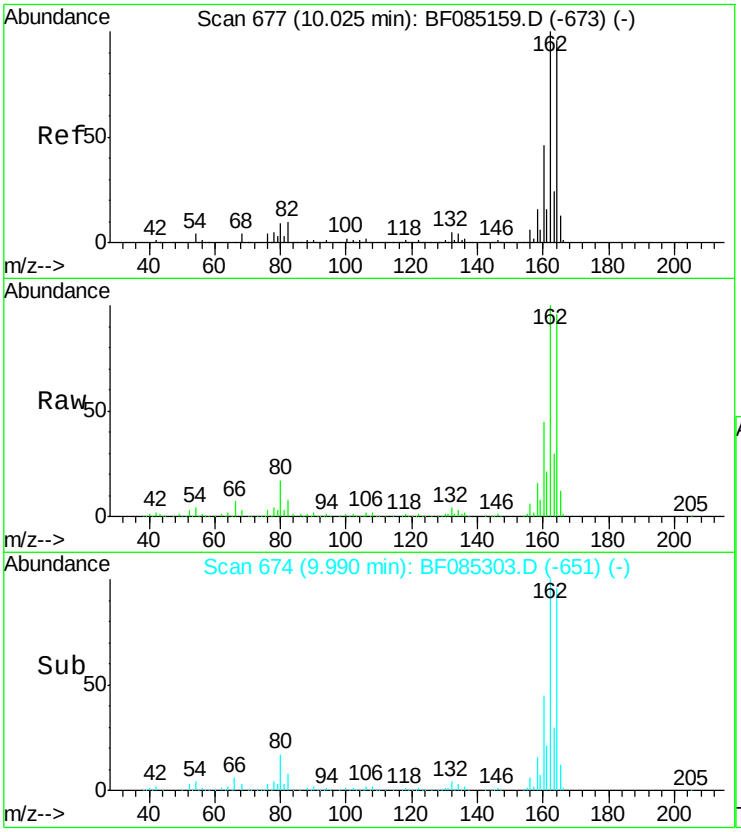


#31
Naphthalene
Concen: 5.13 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Tgt Ion:128 Resp: 186416

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.7	14.5
127	13.0	11.2	16.8



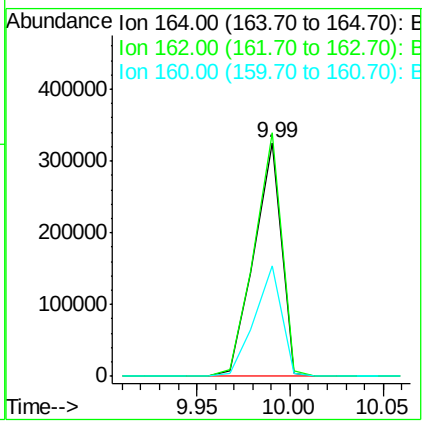


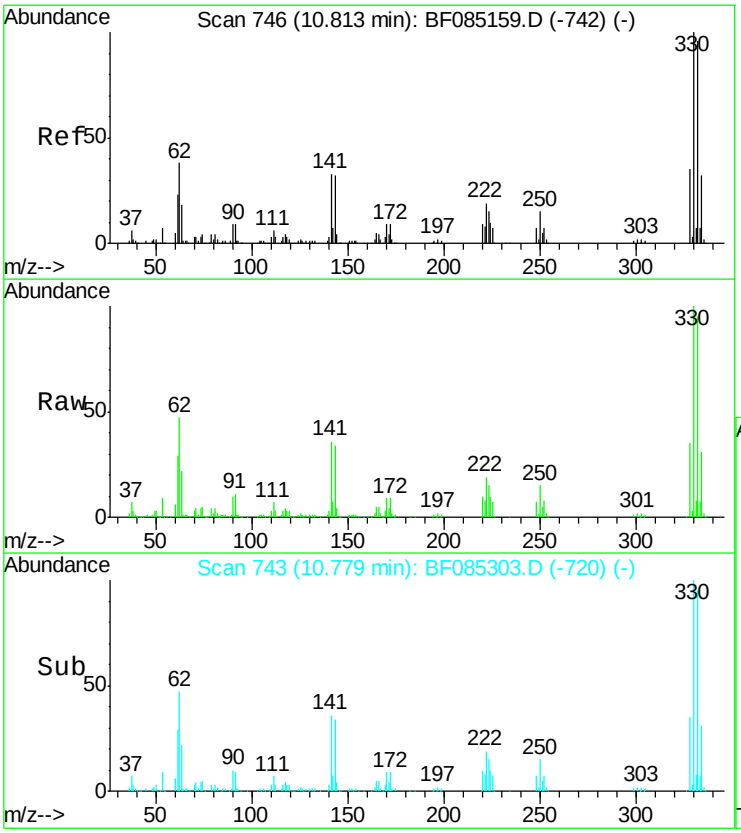
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion:164 Resp: 329748

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.3	124.9
160	47.1	37.9	56.9

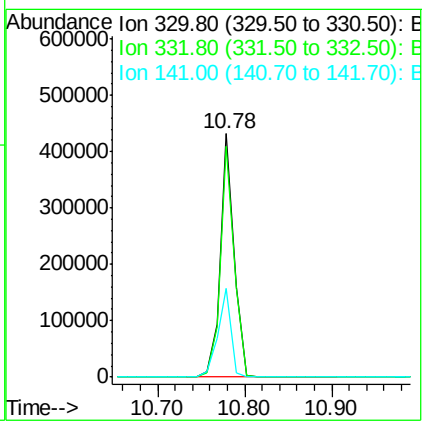


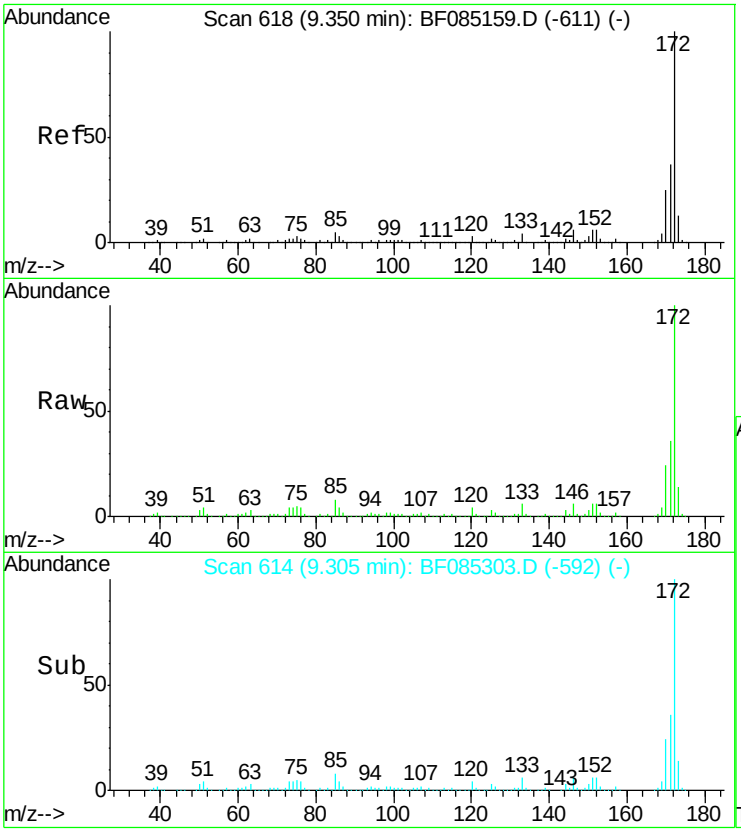


#41
2,4,6-Tribromophenol
Concen: 170.21 ng
RT: 10.78 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Tgt Ion:330 Resp: 480249

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	34.8	35.0	52.6#



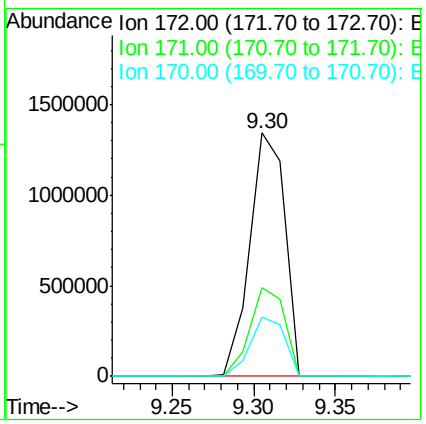


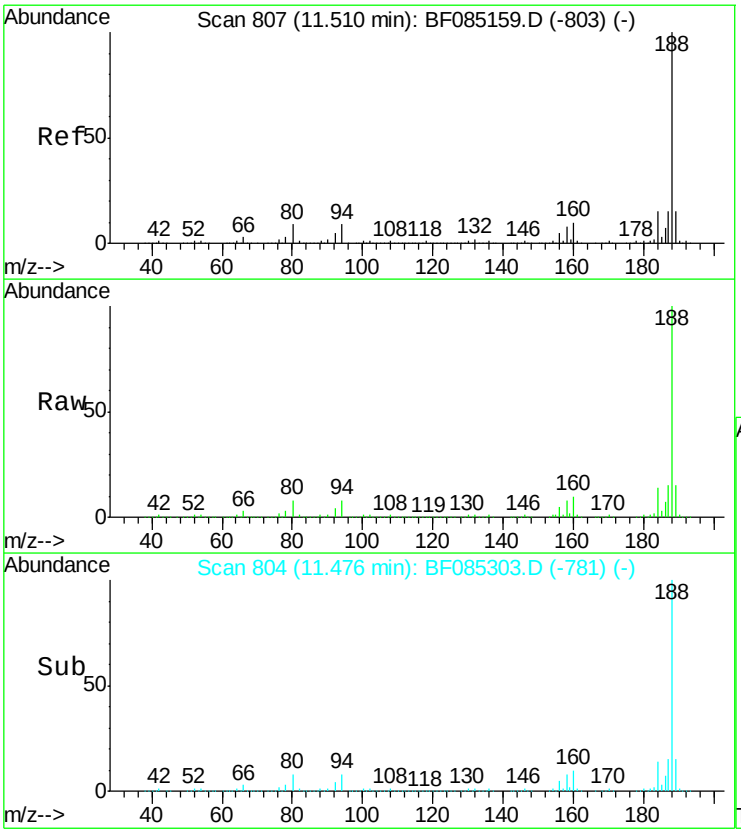
#44
2-Fluorobiphenyl
Concen: 92.70 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion:172 Resp: 2010016

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.3	20.0	30.0

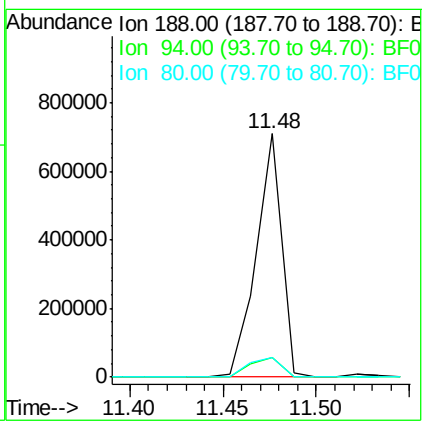


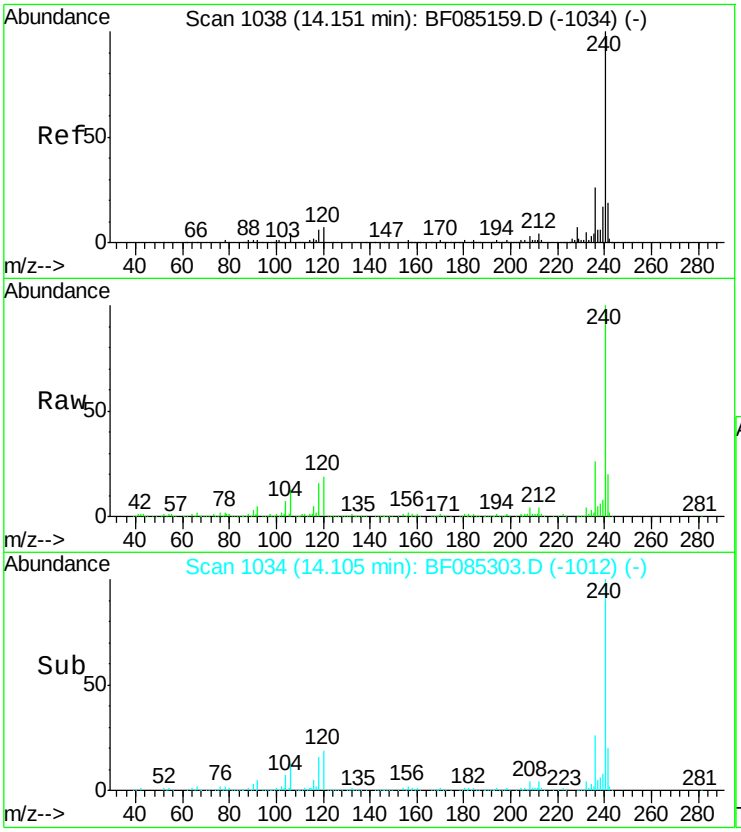


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Tgt Ion:188 Resp: 663490

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.6
80	8.3	7.4	11.0



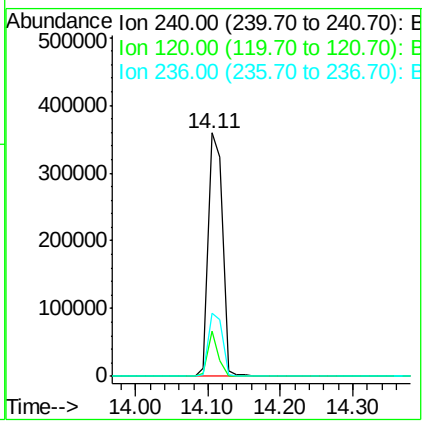


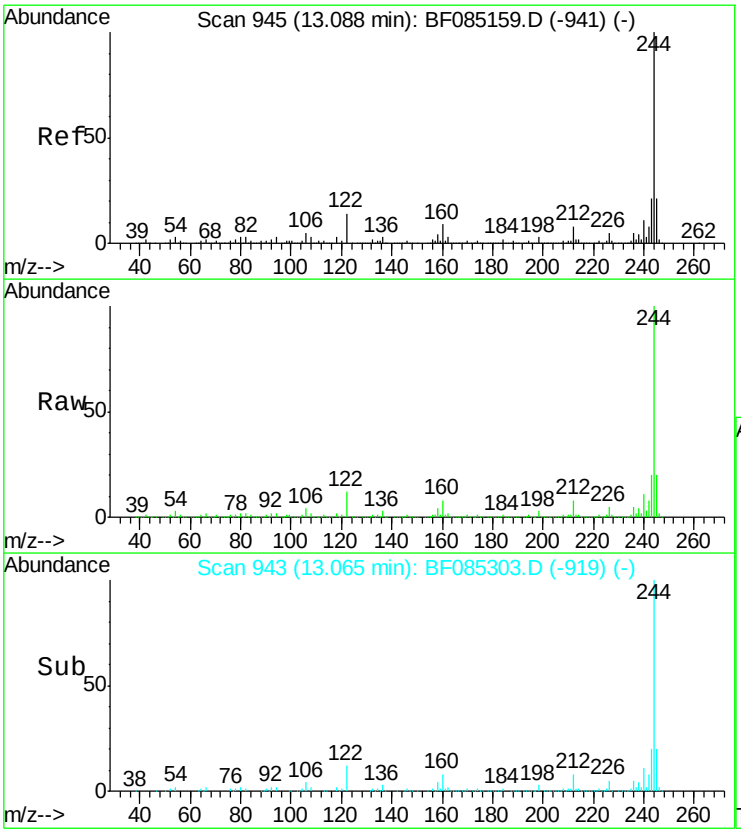
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion:240 Resp: 486360

Ion	Ratio	Lower	Upper
240	100		
120	18.6	5.3	7.9#
236	26.1	20.7	31.1

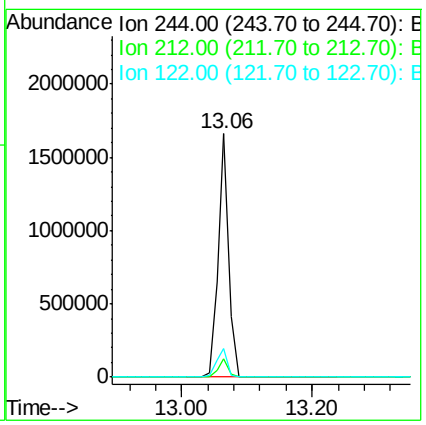


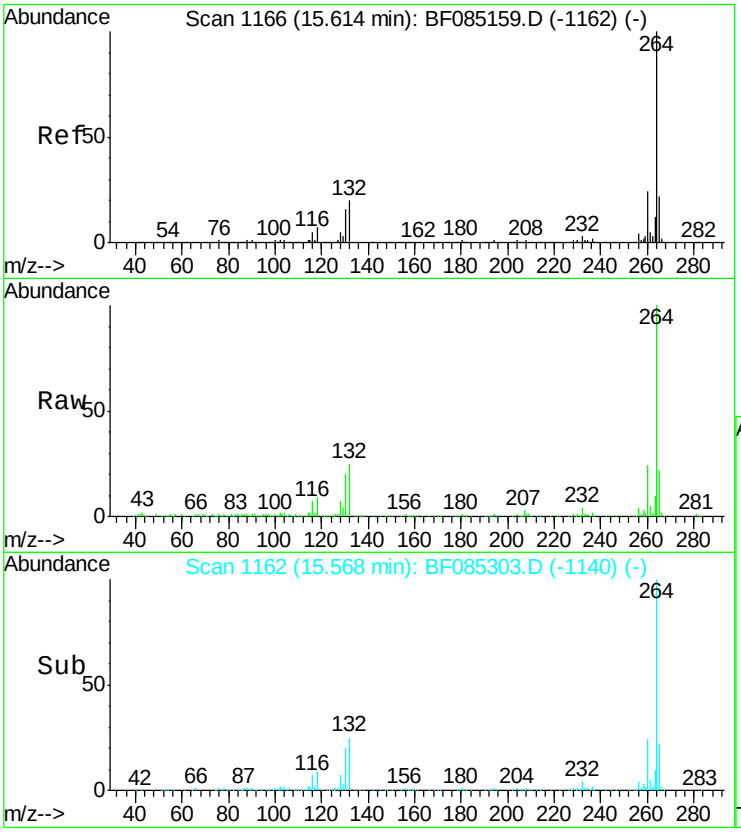


#78
Terphenyl-d14
Concen: 90.90 ng
RT: 13.06 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Tgt Ion:244 Resp: 1904428

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	11.8	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085303.D
Acq: 9 Mar 2016 17:13

Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Tgt Ion:264 Resp: 297276

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.3	25.9