Quantitation Report (LSC Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085350.D
Acq On : 10 Mar 2016 23:21
Operator : UM/SJ
Sample : H1744-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Time: Mar 11 01:02:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 00:01:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	146386	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	504882	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	200196	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	330254	20.00	ng	0.00
75) Chrysene-d12	14.11	240	242075	20.00	ng	0.00
86) Perylene-d12	15.57	264	252395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	473875	54.30	ng	0.00
7) Phenol-d6	6.56	99	371983	32.53	ng	0.00
23) Nitrobenzene-d5	7.50	82	744232	78.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	248148	144.86	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1302807	98.97	ng	0.00
78) Terphenyl-d14	13.05	244	965840	92.62	ng	0.00
Target Compounds						Qvalue

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

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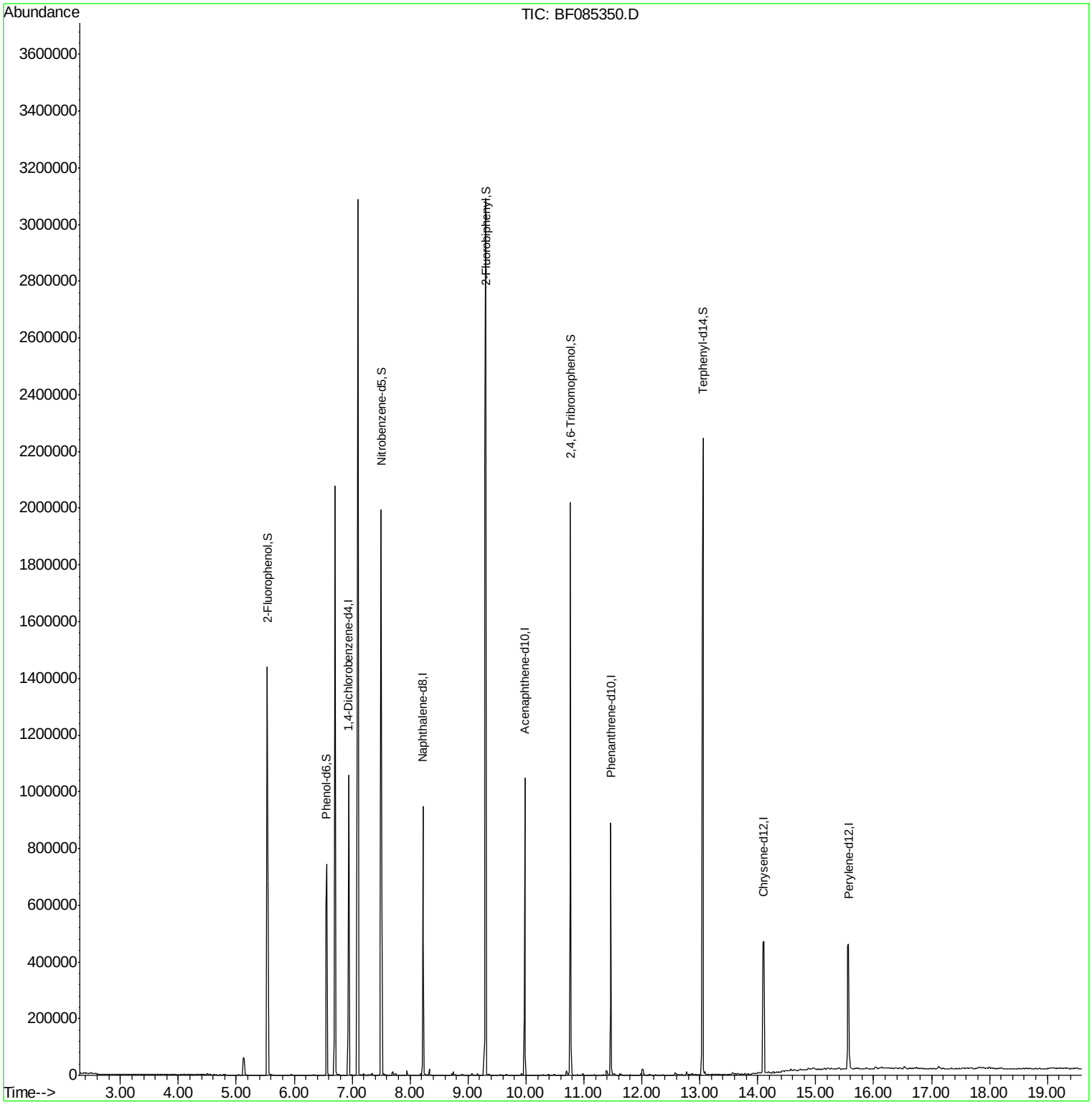
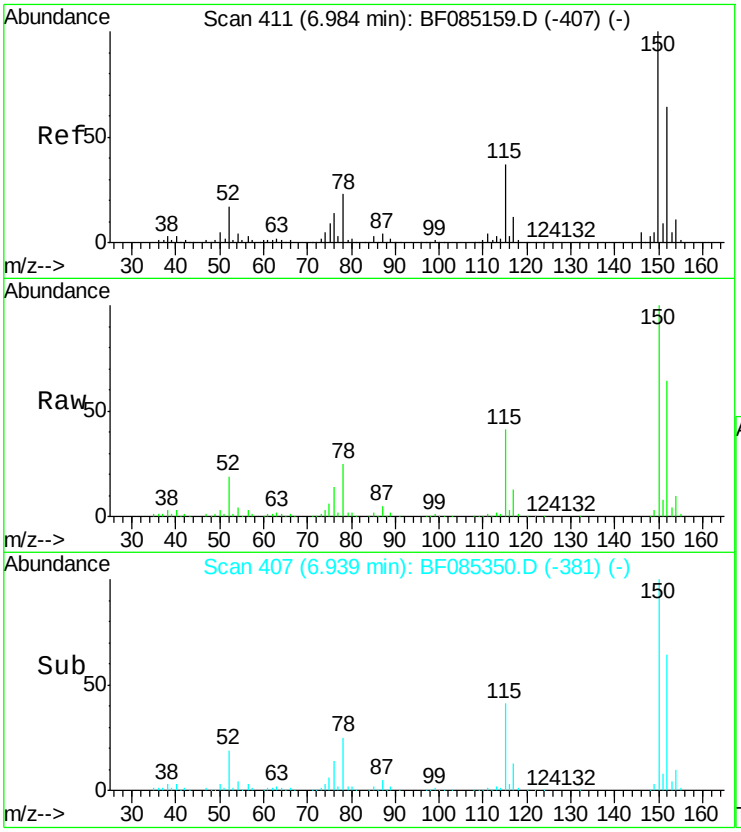


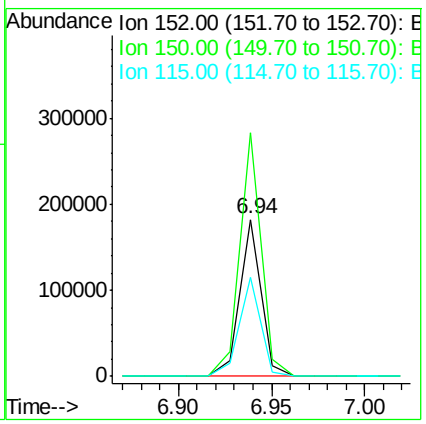


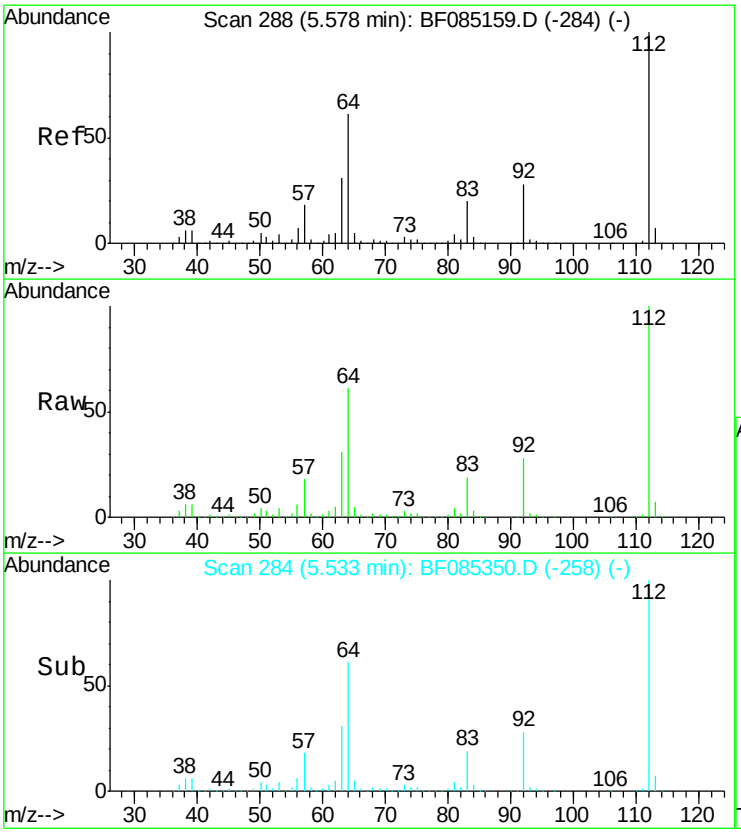
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 146386

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	63.1	46.6	70.0

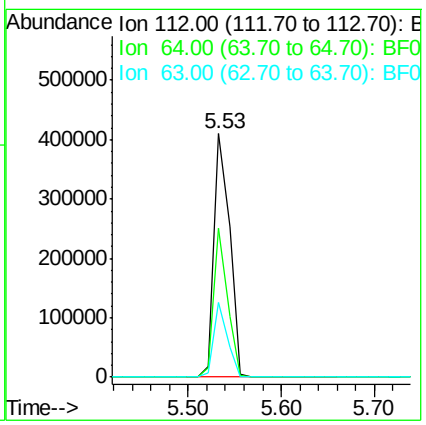


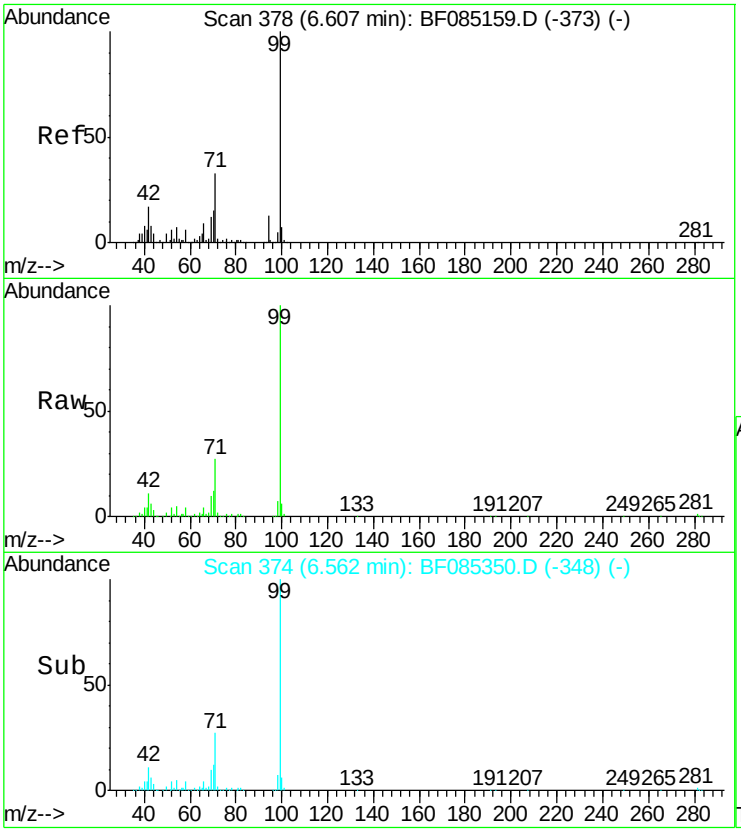


#5
2-Fluorophenol
Concen: 54.30 ng
RT: 5.53 min Scan# 284
Delta R.T. 0.00 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Tgt Ion:112 Resp: 473875

Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.0	73.4
63	30.6	24.8	37.2



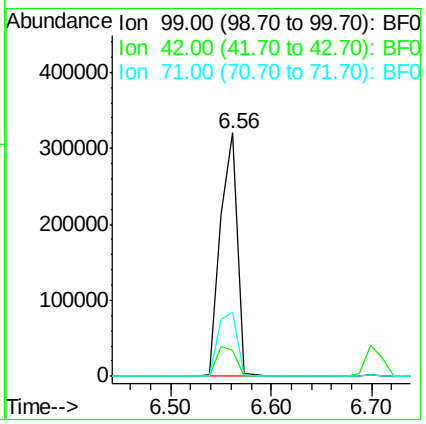


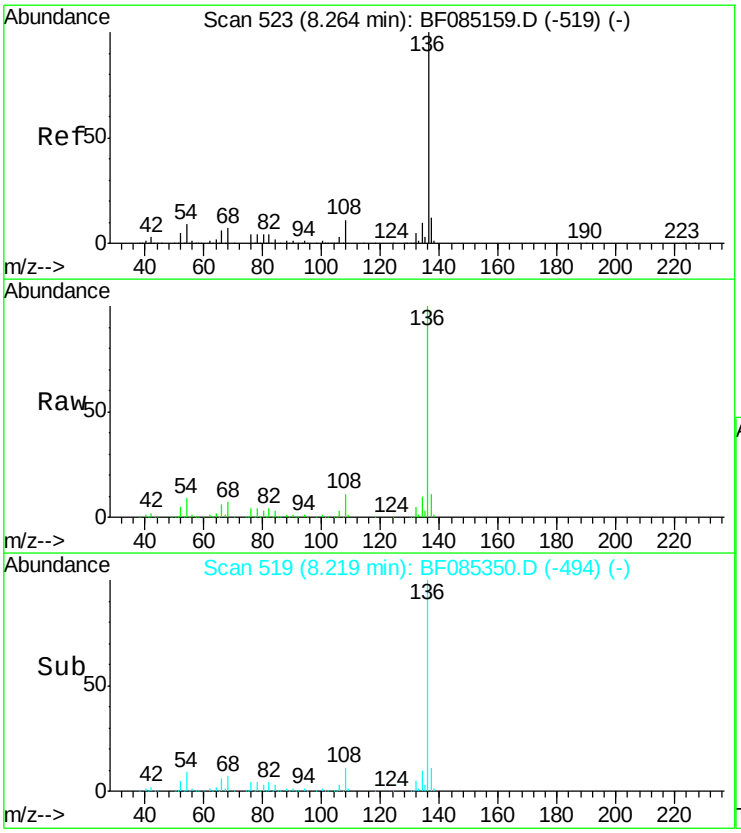
#7
Phenol-d6
Concen: 32.53 ng
RT: 6.56 min Scan# 374
Delta R.T. 0.00 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 99 Resp: 371983

Ion	Ratio	Lower	Upper
99	100		
42	10.9	13.6	20.4#
71	26.6	26.7	40.1#

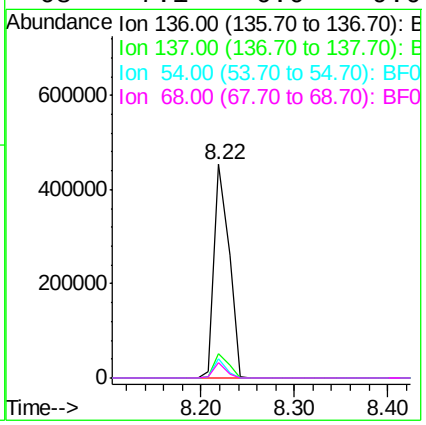


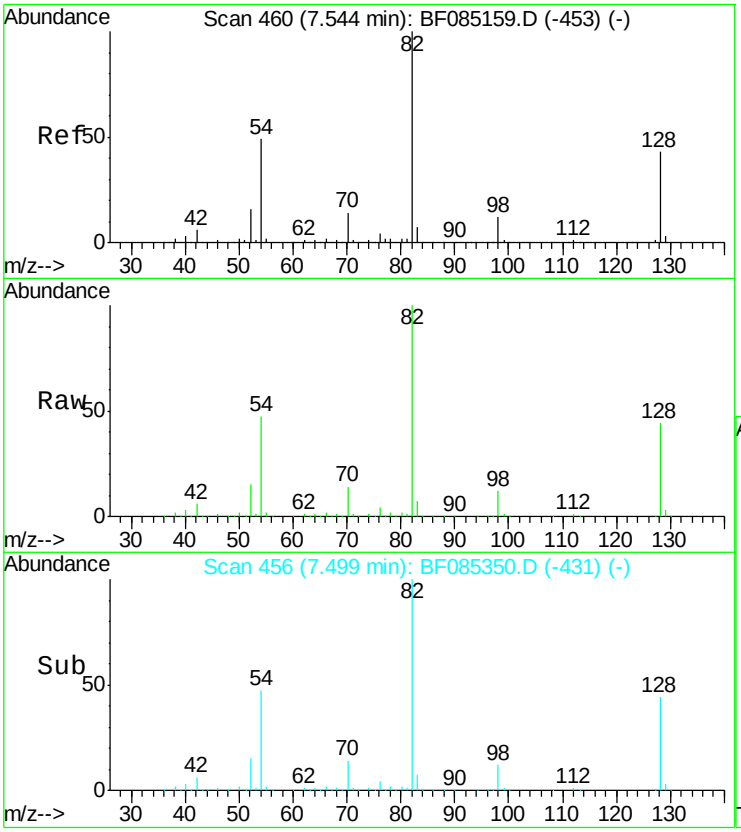


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Tgt Ion:136 Resp: 504882

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.0	7.4	11.2
68	7.1	6.0	9.0



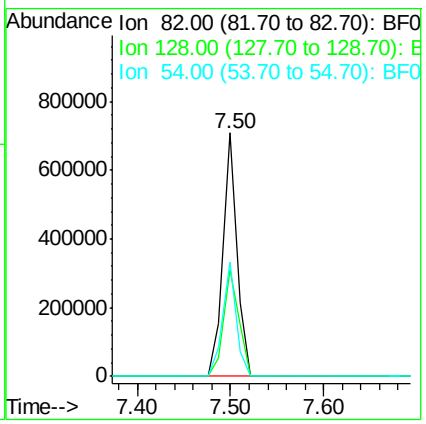


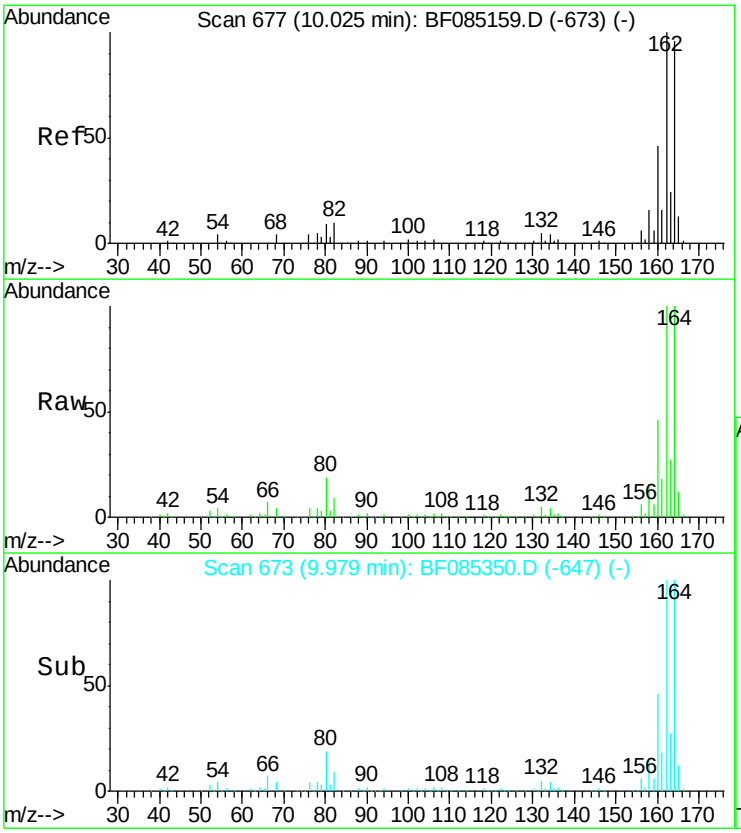
#23
Nitrobenzene-d5
Concen: 78.88 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 82 Resp: 744232

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.5	51.7
54	47.1	39.3	58.9

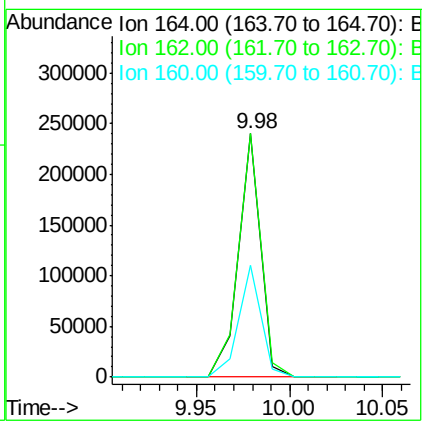


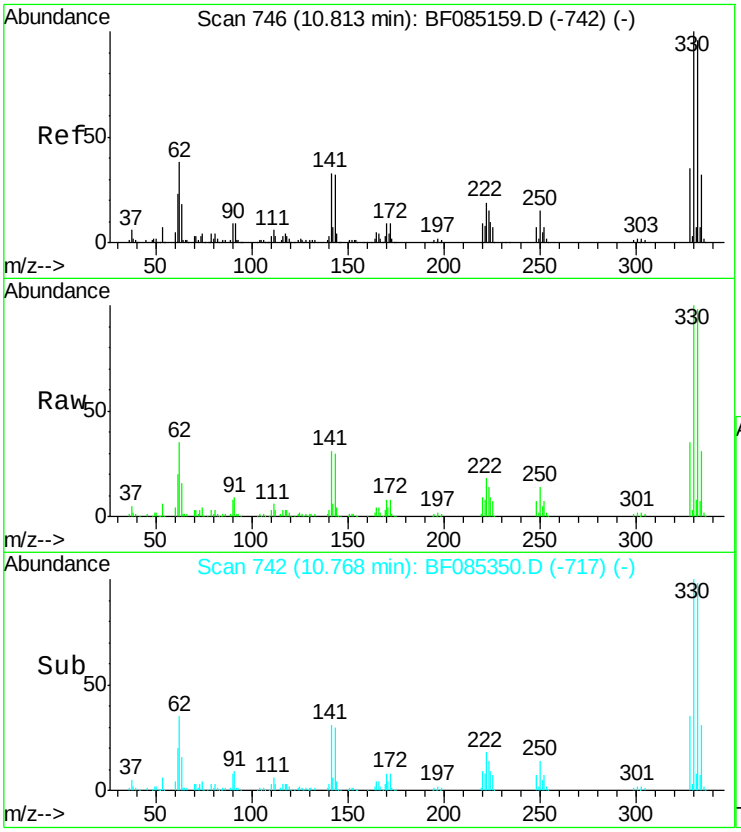


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Tgt Ion:164 Resp: 200196

Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.3	124.9
160	45.9	37.9	56.9



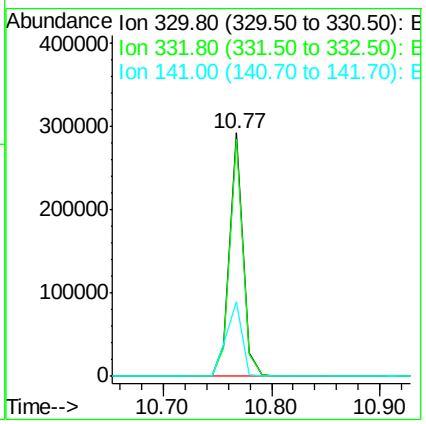


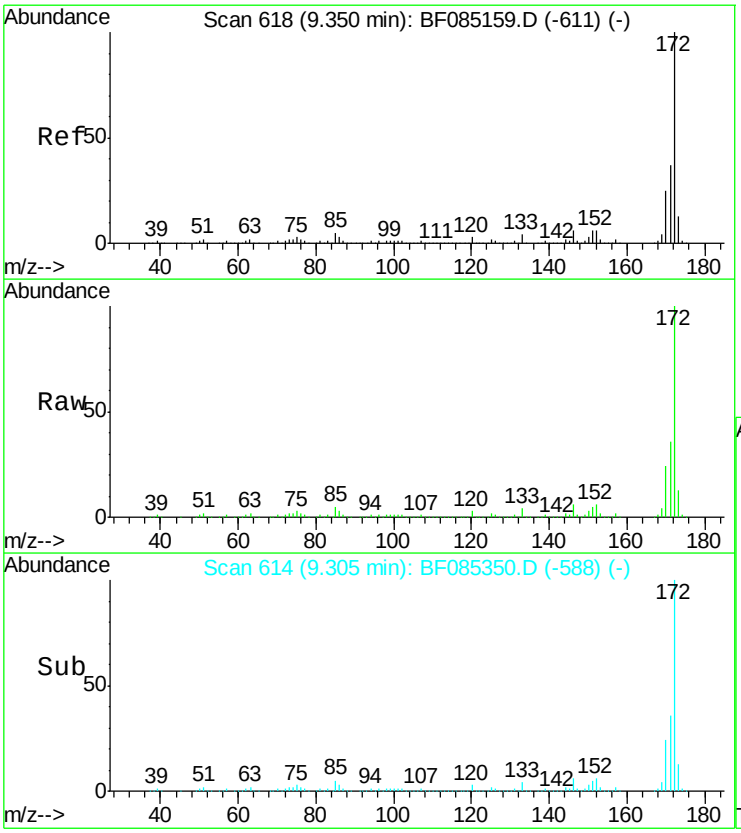
#41
2,4,6-Tribromophenol
Concen: 144.86 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:330 Resp: 248148

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	36.7	35.0	52.6

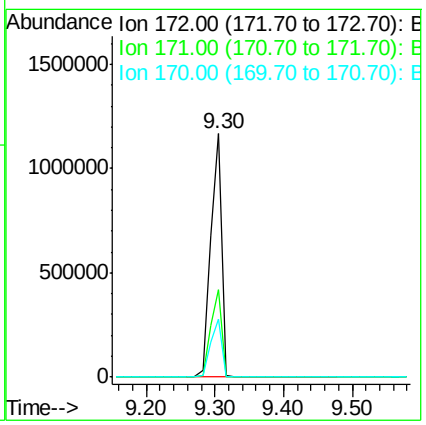


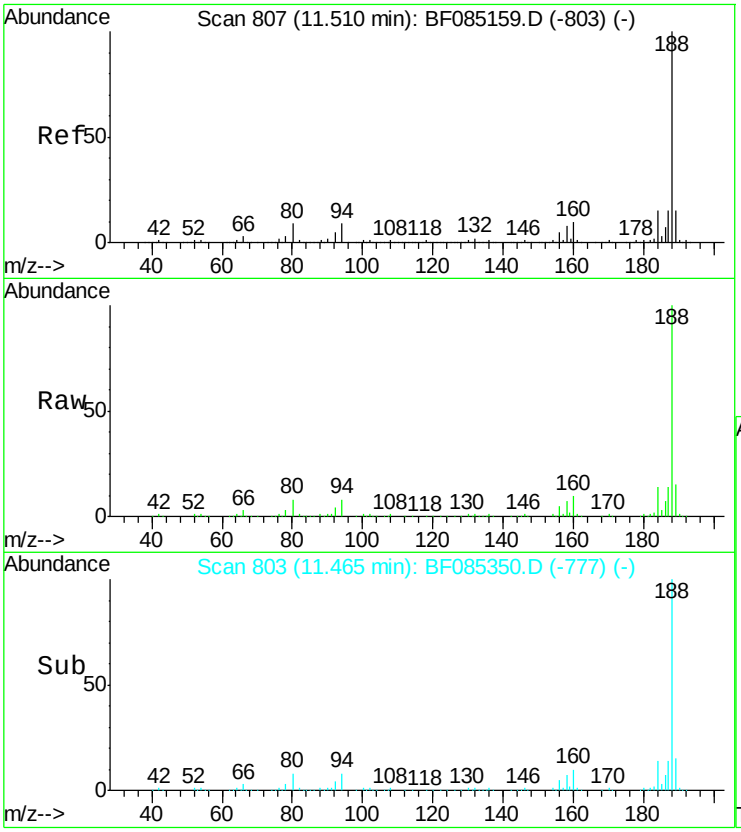


#44
2-Fluorobiphenyl
Concen: 98.97 ng
RT: 9.30 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Tgt Ion:172 Resp: 1302807

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	24.0	20.0	30.0



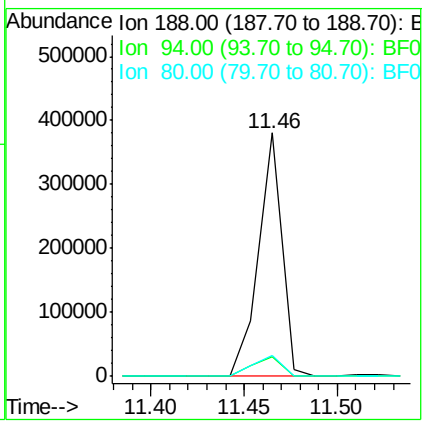


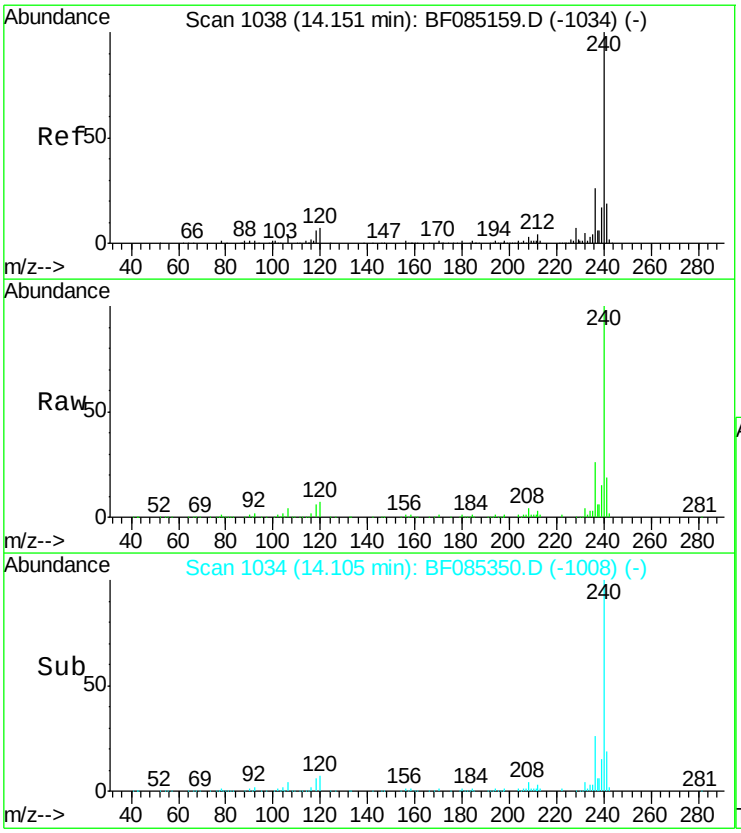
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:188 Resp: 330254

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	8.4	7.4	11.0

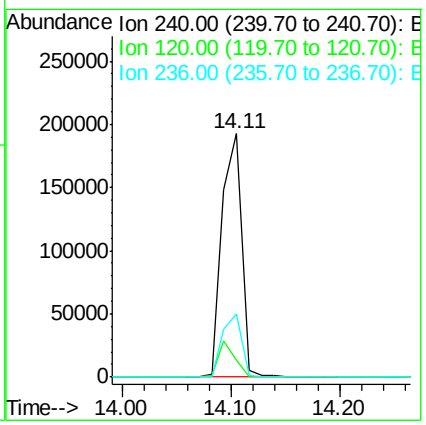


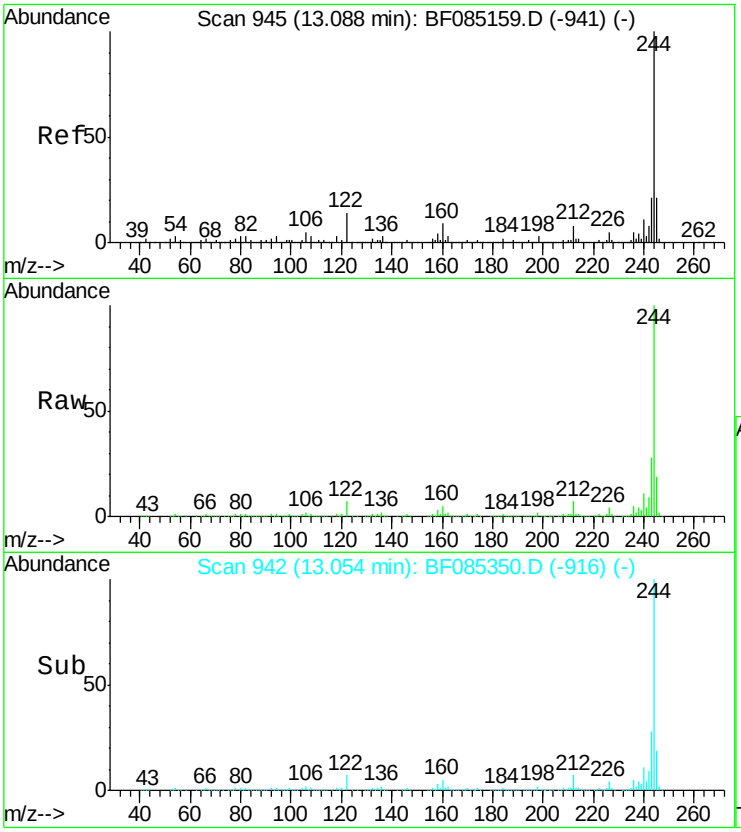


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Tgt Ion:240 Resp: 242075

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.3	7.9
236	26.1	20.7	31.1



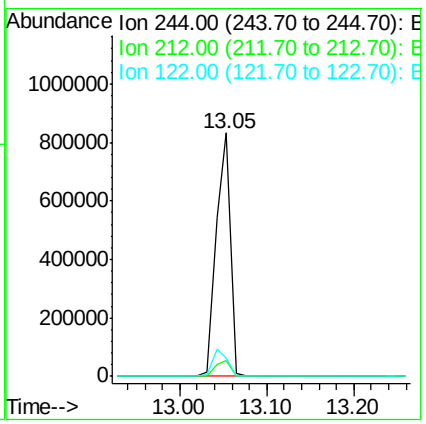


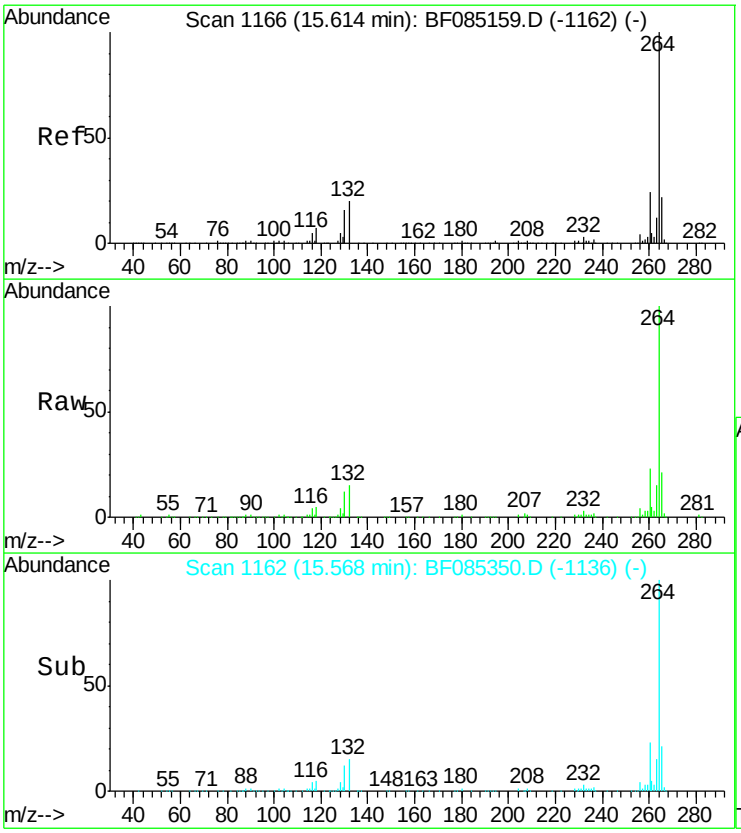
#78
Terphenyl-d14
Concen: 92.62 ng
RT: 13.05 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 965840

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.4	9.6
122	7.5	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085350.D
Acq: 10 Mar 2016 23:21

Tgt Ion:264 Resp: 252395

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.3	25.9