Quantitation Report (LSC Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085349.D
Acq On : 10 Mar 2016 22:52
Operator : UM/SJ
Sample : H1744-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Time: Mar 11 00:59:59 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	143117	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	510409	20.00	ng		-0.01
38) Acenaphthene-d10	9.98	164	197211	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	315141	20.00	ng		0.00
75) Chrysene-d12	14.11	240	238920	20.00	ng		0.00
86) Perylene-d12	15.57	264	250756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	567574	66.52	ng		0.00
7) Phenol-d6	6.56	99	477962	42.76	ng		0.00
23) Nitrobenzene-d5	7.50	82	887016	93.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.77	330	260245	154.22	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	1538891	118.67	ng		0.00
78) Terphenyl-d14	13.05	244	985445	95.75	ng		0.00
Target Compounds							Qvalue
51) Acenaphthene	10.01	154	57518	4.74	ng		97
54) Dibenzofuran	10.18	168	45818	2.88	ng	#	88
57) Fluorene	10.53	166	74702	5.98	ng		99

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

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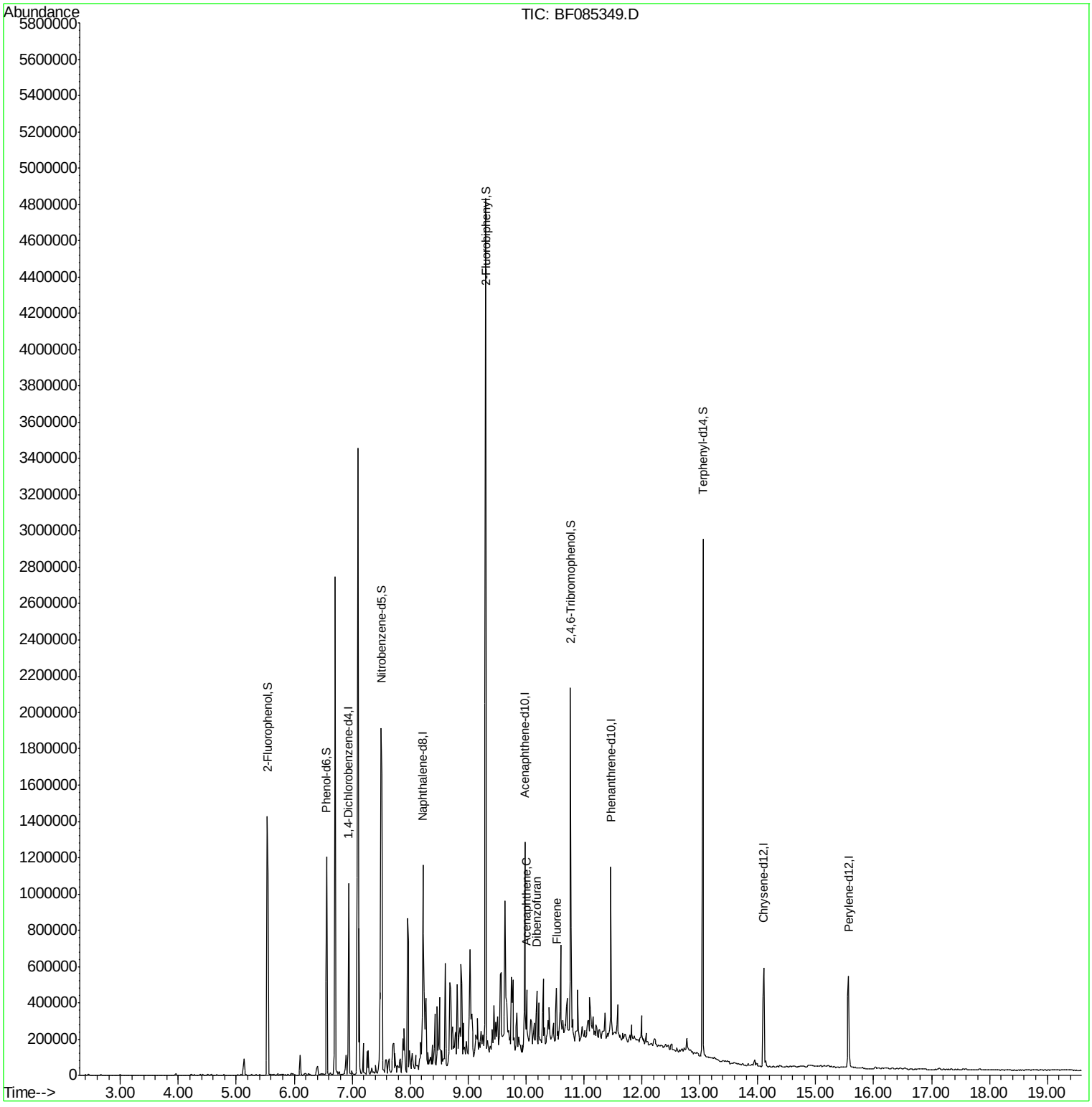
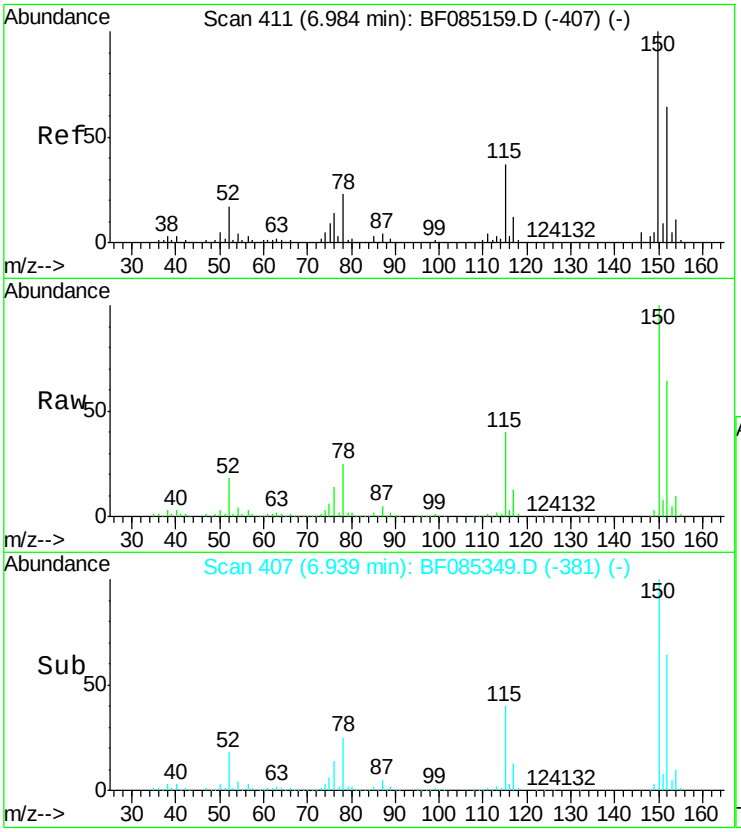


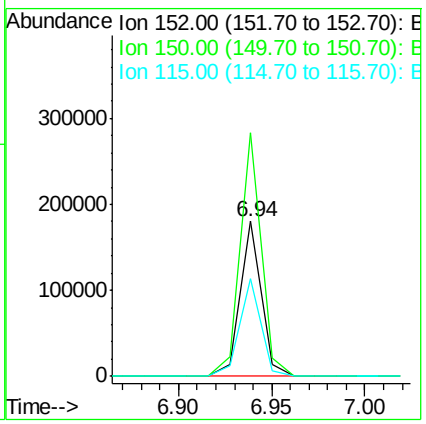


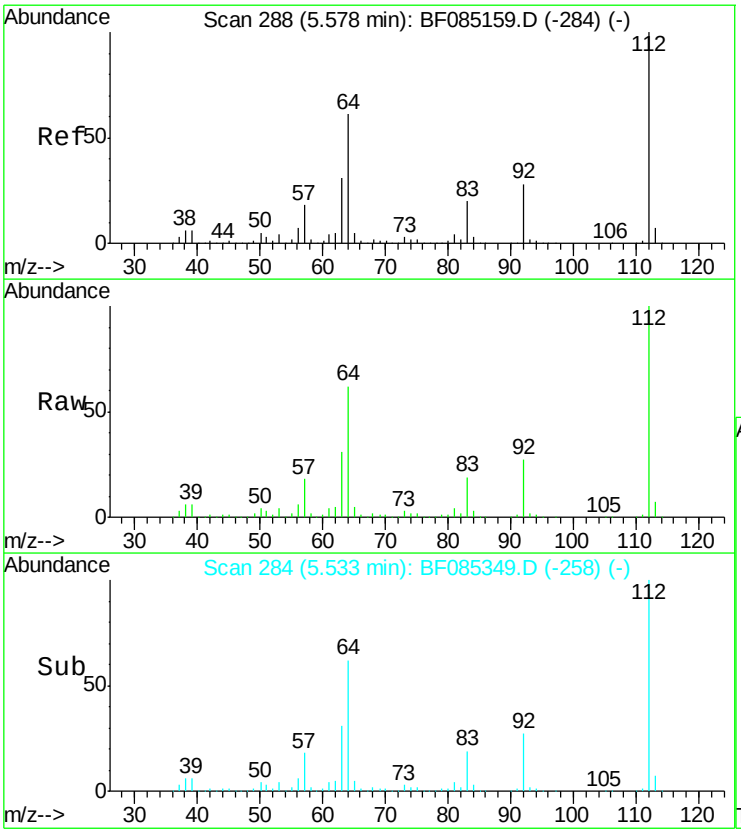
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 143117

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	63.1	46.6	70.0

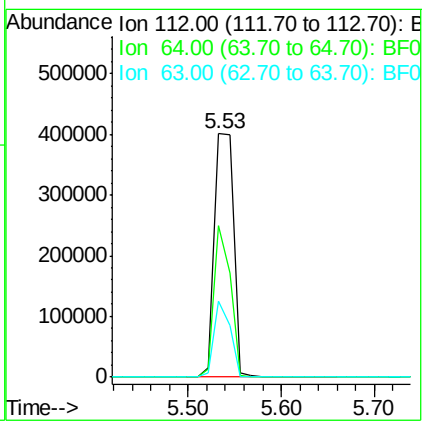


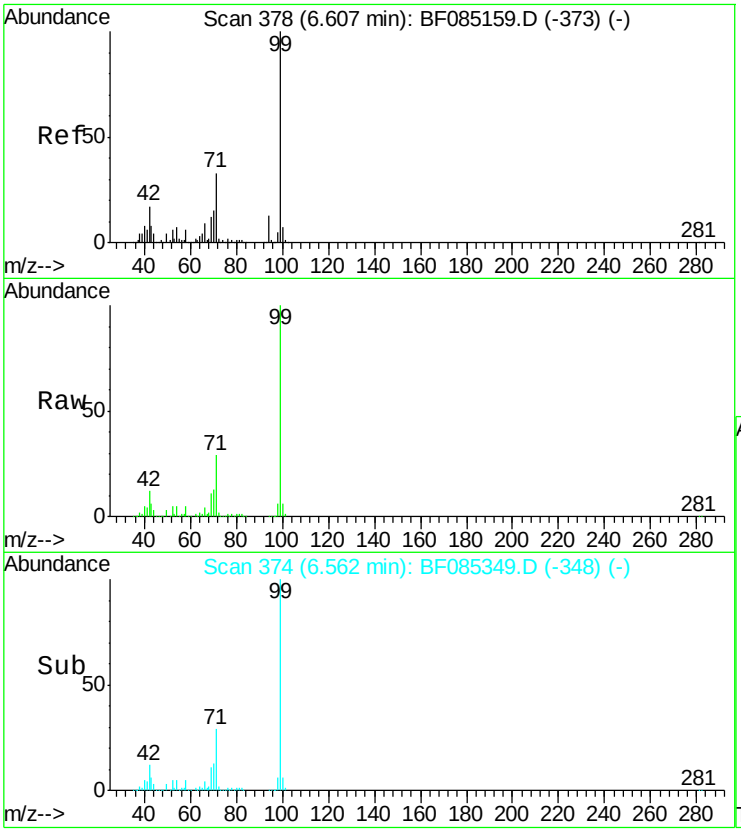


#5
2-Fluorophenol
Concen: 66.52 ng
RT: 5.53 min Scan# 284
Delta R.T. -0.00 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Tgt Ion:112 Resp: 567574

Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.0	73.4
63	31.3	24.8	37.2



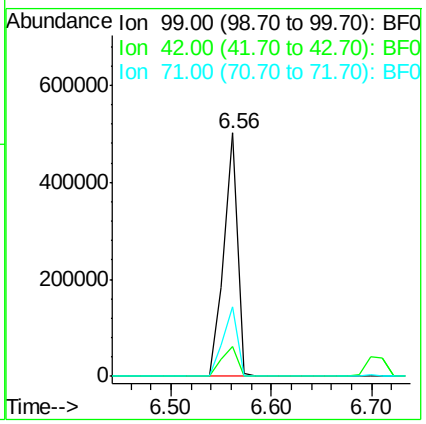


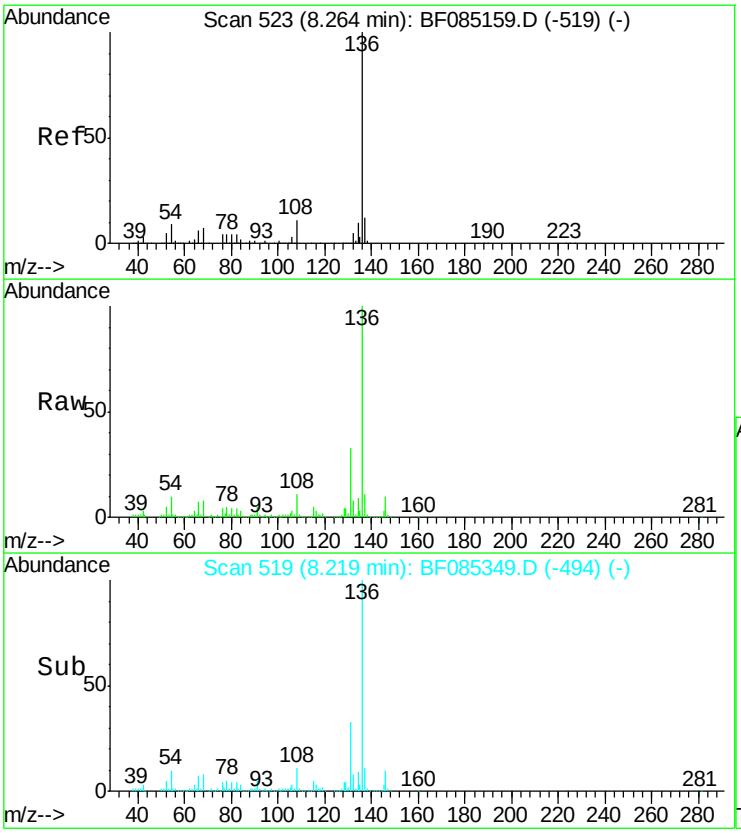
#7
Phenol-d6
Concen: 42.76 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 477962

Ion	Ratio	Lower	Upper
99	100		
42	12.3	13.6	20.4#
71	28.5	26.7	40.1

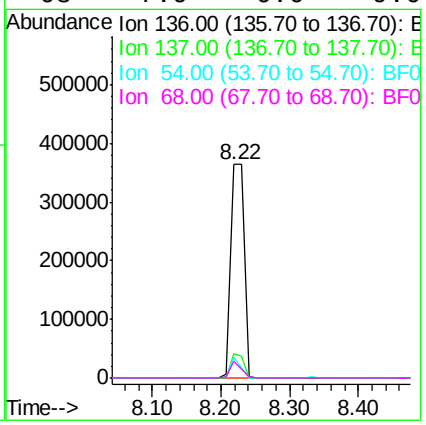


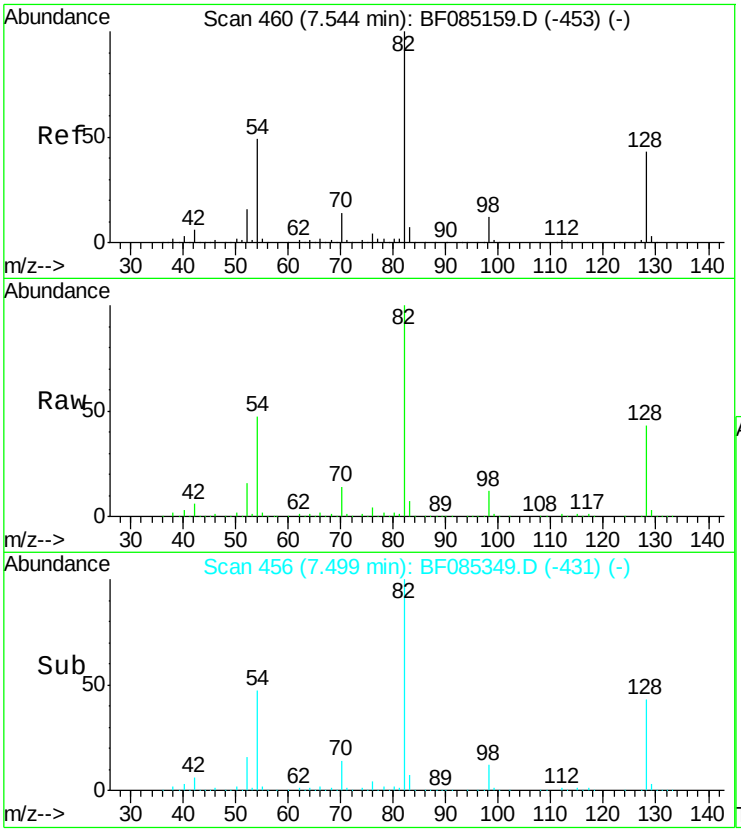


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Tgt Ion:136 Resp: 510409

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	9.6	7.4	11.2
68	7.9	6.0	9.0



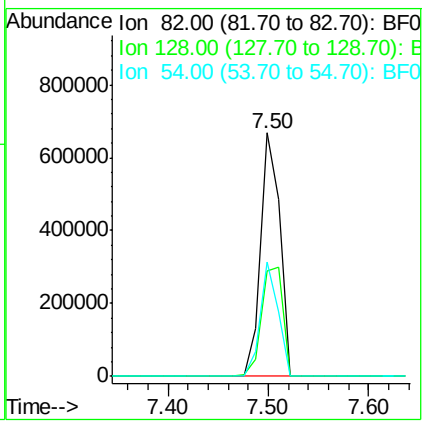


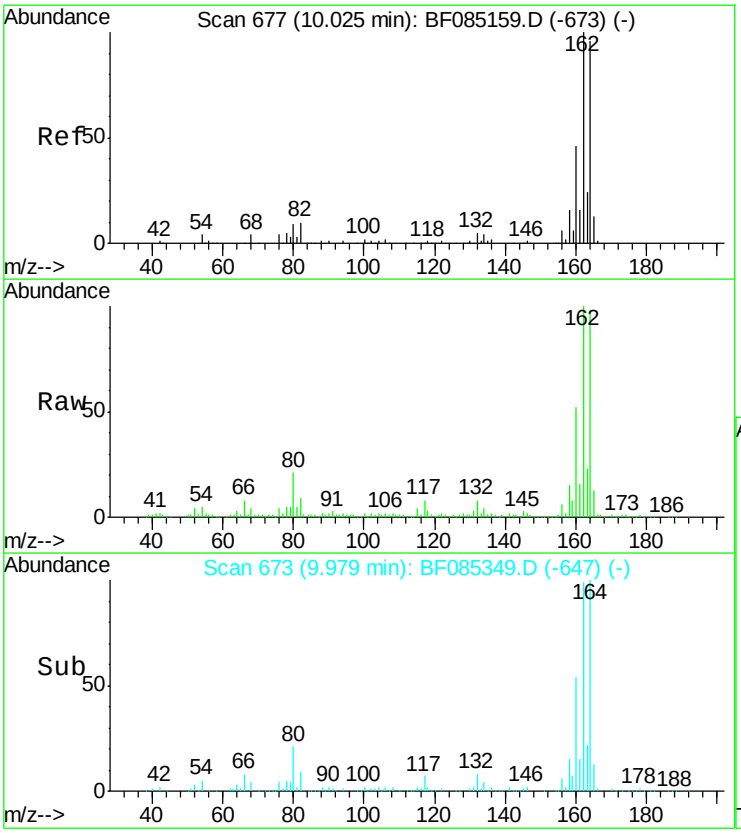
#23
Nitrobenzene-d5
Concen: 93.00 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 887016

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.5	51.7
54	47.2	39.3	58.9

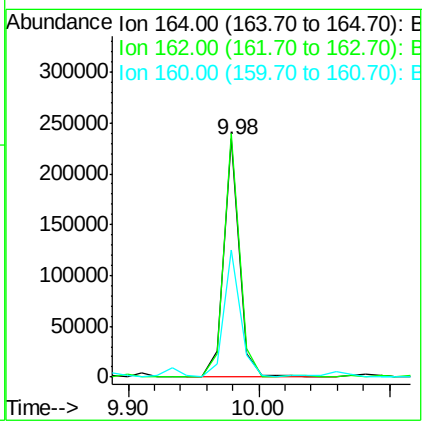


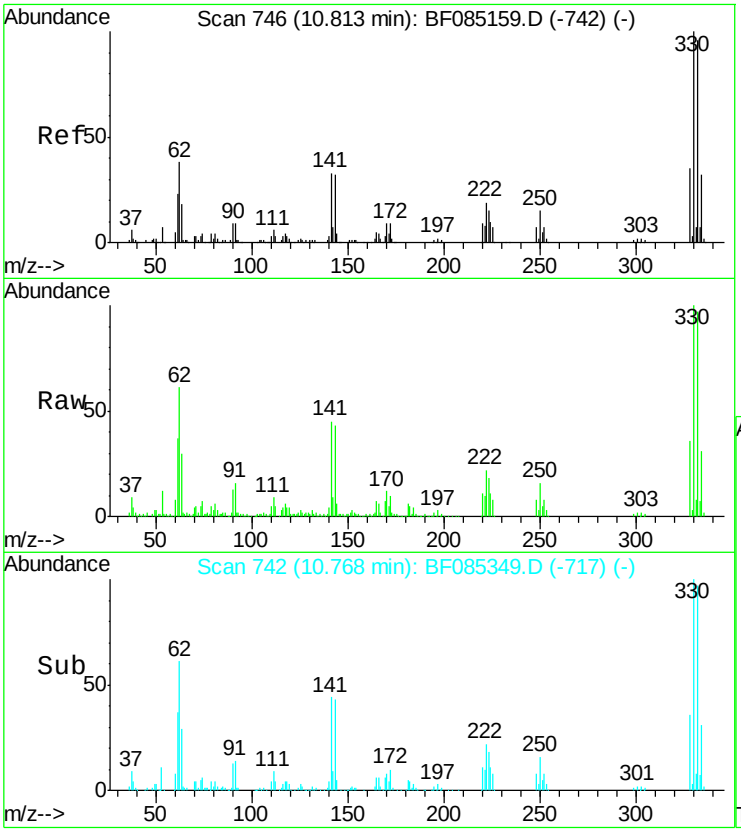


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Tgt Ion:164 Resp: 197211

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.3	124.9
160	53.7	37.9	56.9



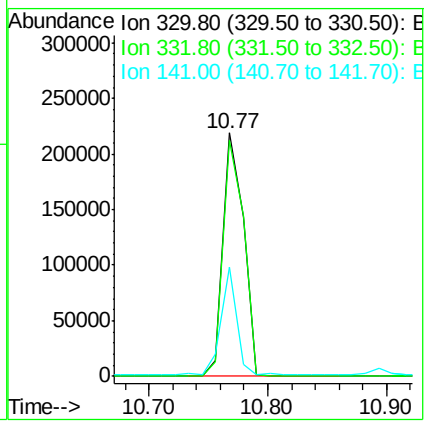


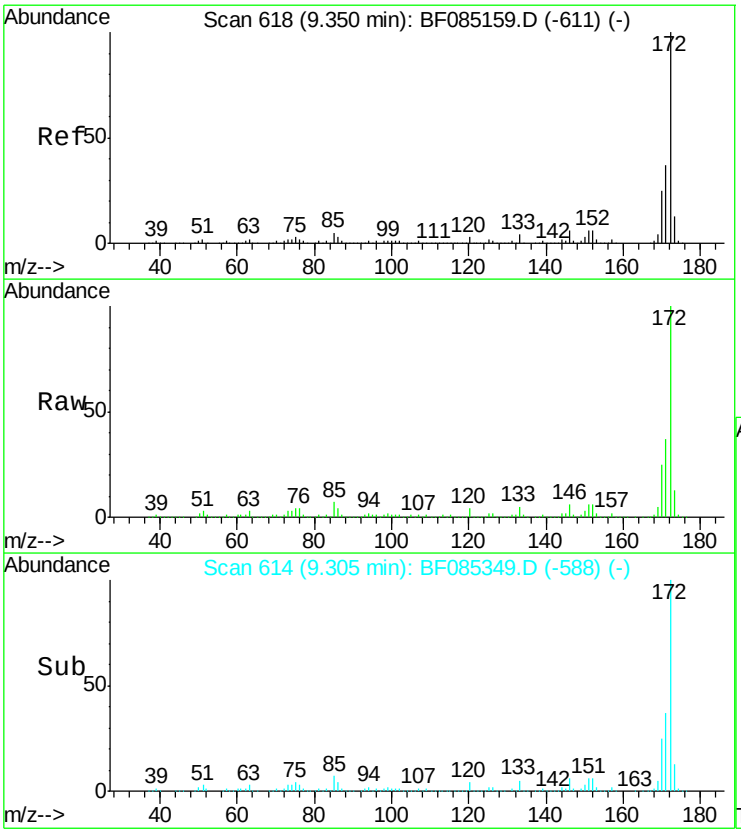
#41
2,4,6-Tribromophenol
Concen: 154.22 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:330 Resp: 260245

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.1	115.7
141	34.1	35.0	52.6#

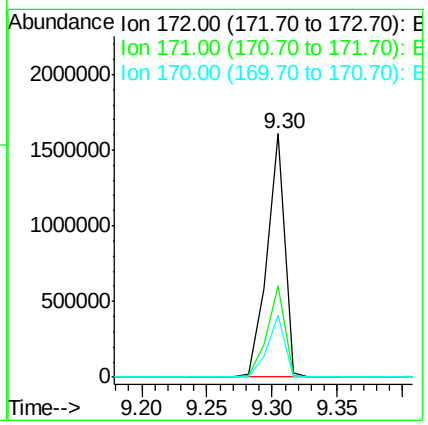


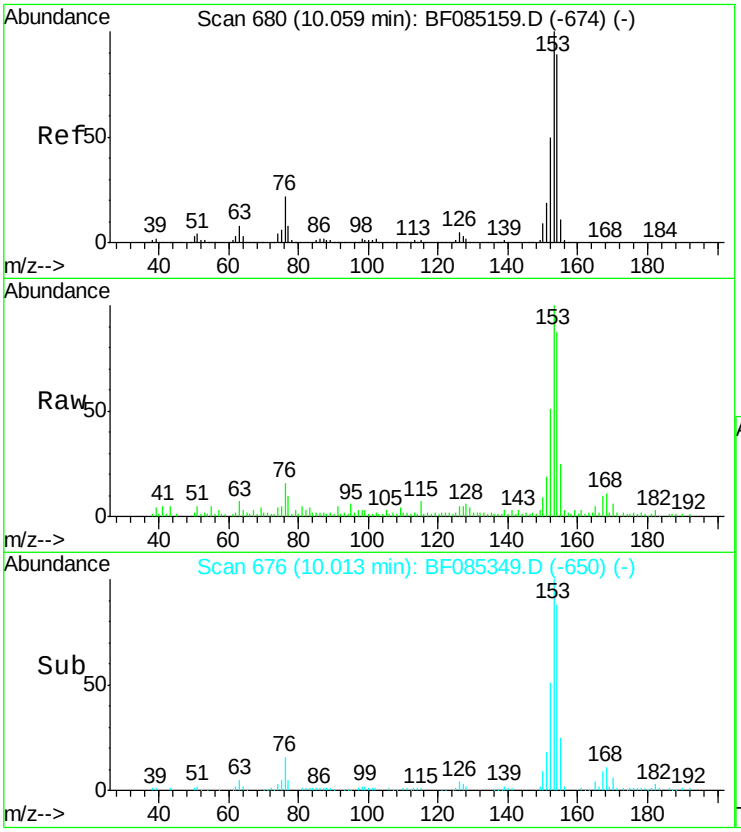


#44
2-Fluorobiphenyl
Concen: 118.67 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Tgt Ion:172 Resp: 1538891

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.3	43.9
170	25.3	20.0	30.0



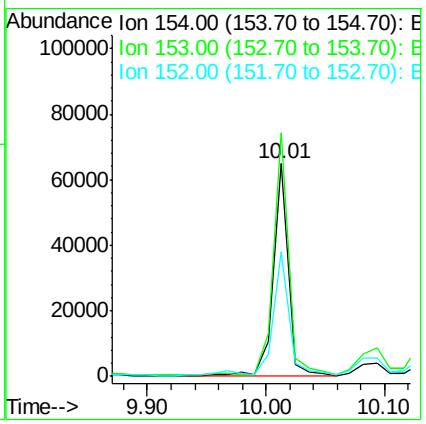


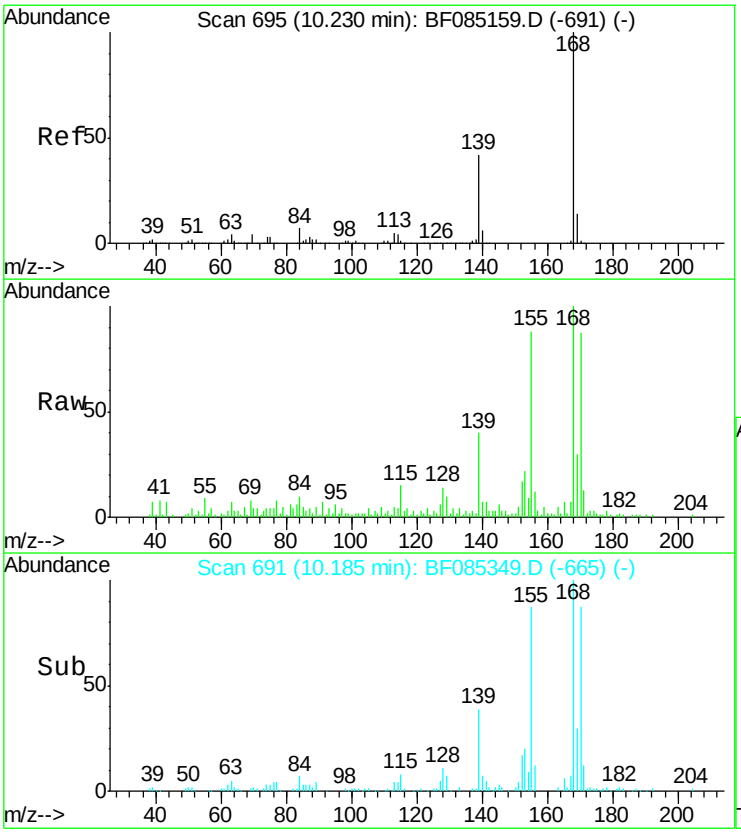
#51
Acenaphthene
Concen: 4.74 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:154 Resp: 57518

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.8	134.8
152	58.7	44.6	66.8

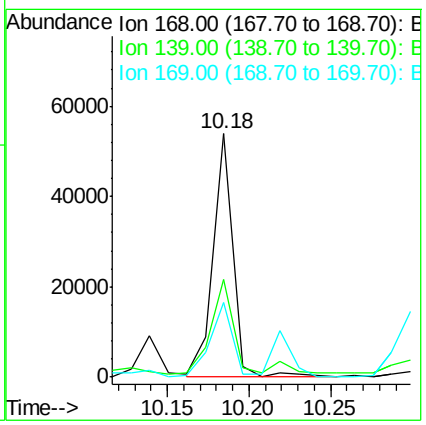


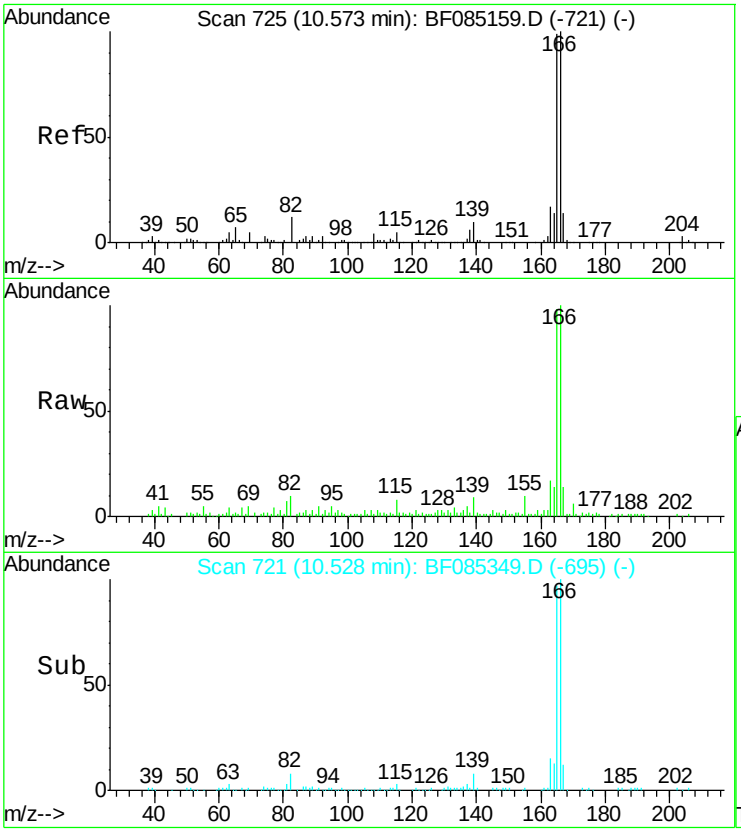


#54
Dibenzofuran
Concen: 2.88 ng
RT: 10.18 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Tgt Ion:168 Resp: 45818

Ion	Ratio	Lower	Upper
168	100		
139	40.1	33.6	50.4
169	30.5	11.2	16.8#



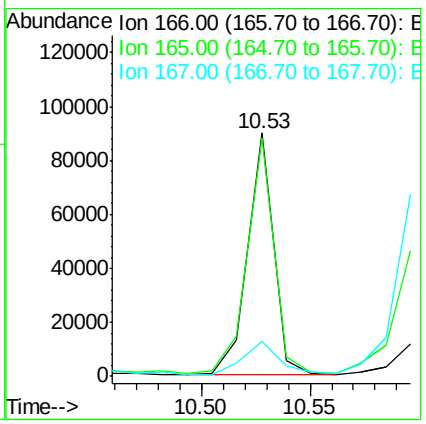


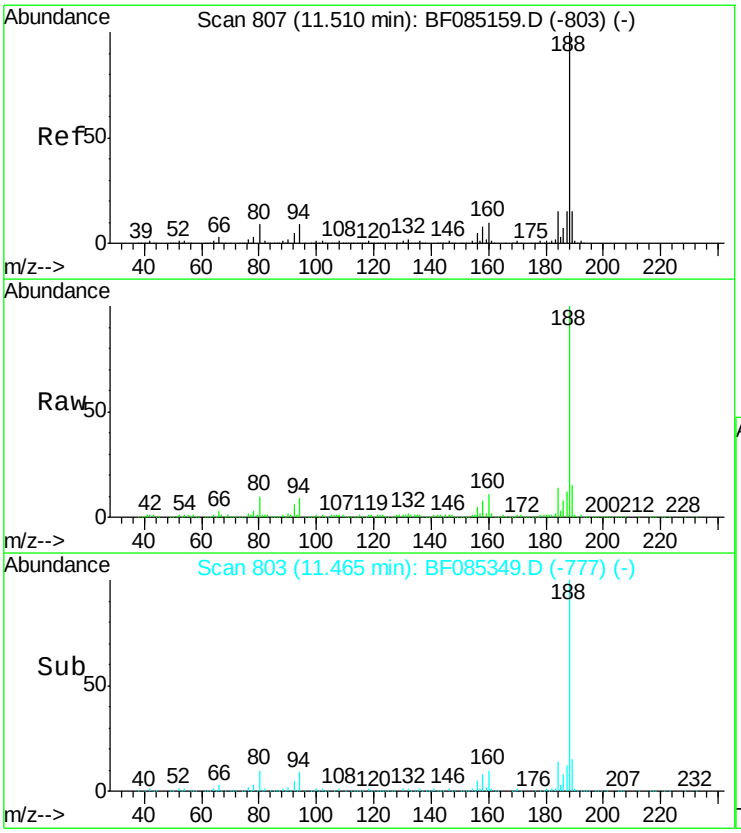
#57
Fluorene
Concen: 5.98 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:166 Resp: 74702

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.4	119.0
167	14.2	11.0	16.6

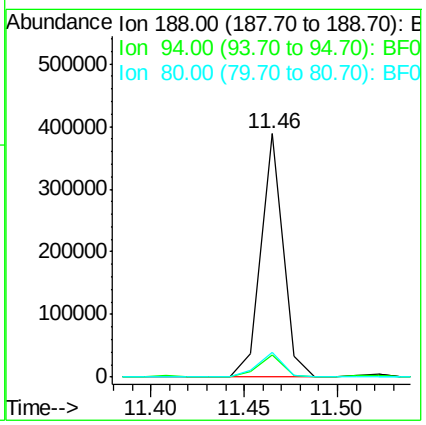


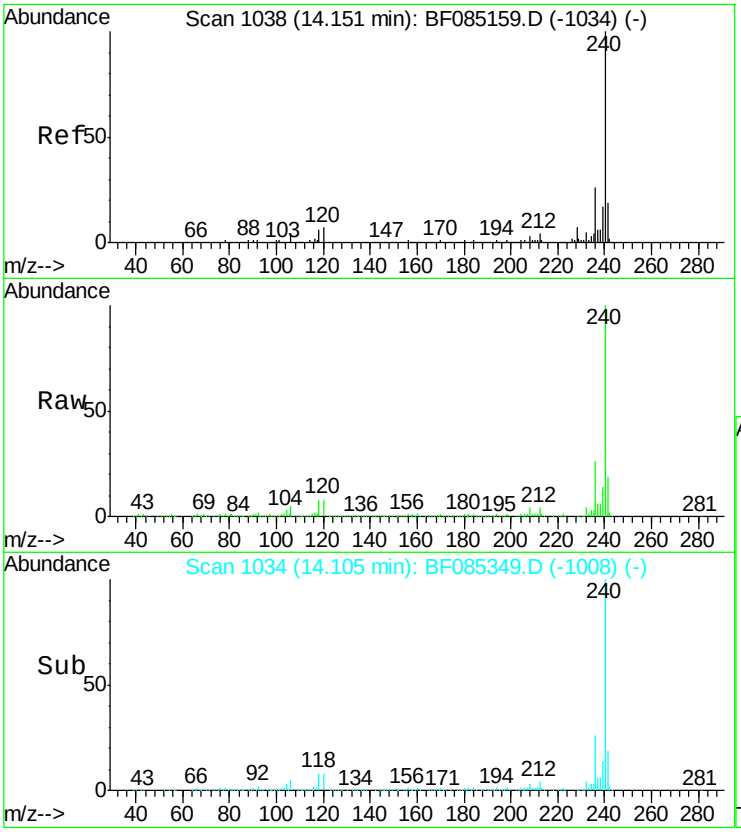


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Tgt Ion:188 Resp: 315141

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.6
80	10.4	7.4	11.0



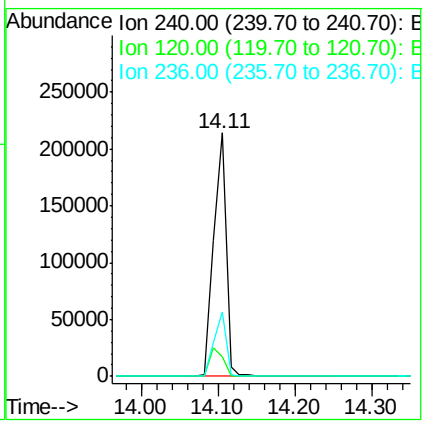


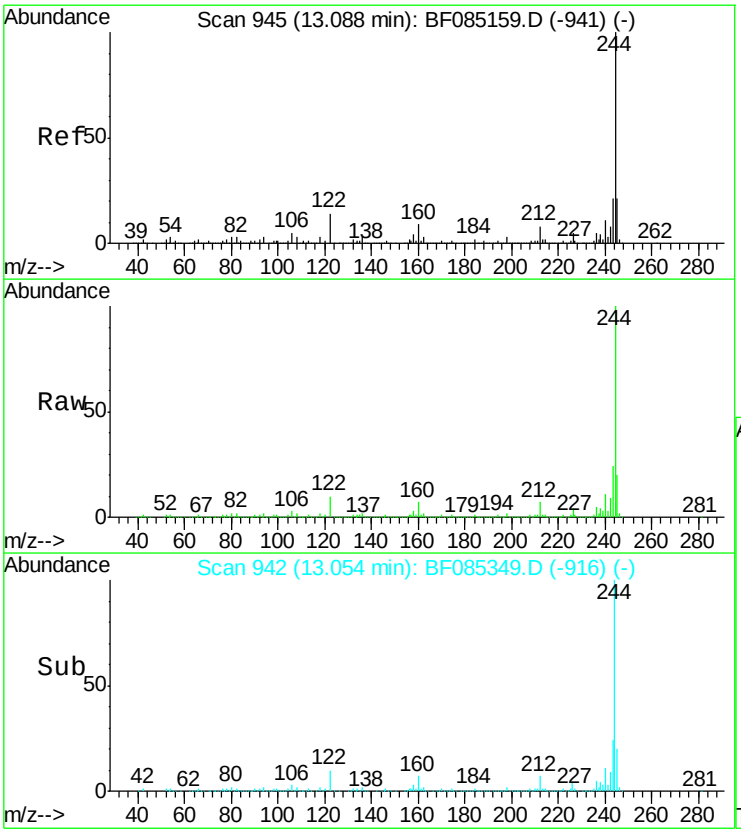
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:240 Resp: 238920

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.3	7.9
236	26.3	20.7	31.1

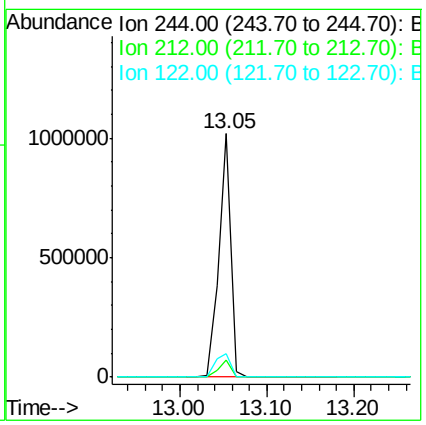


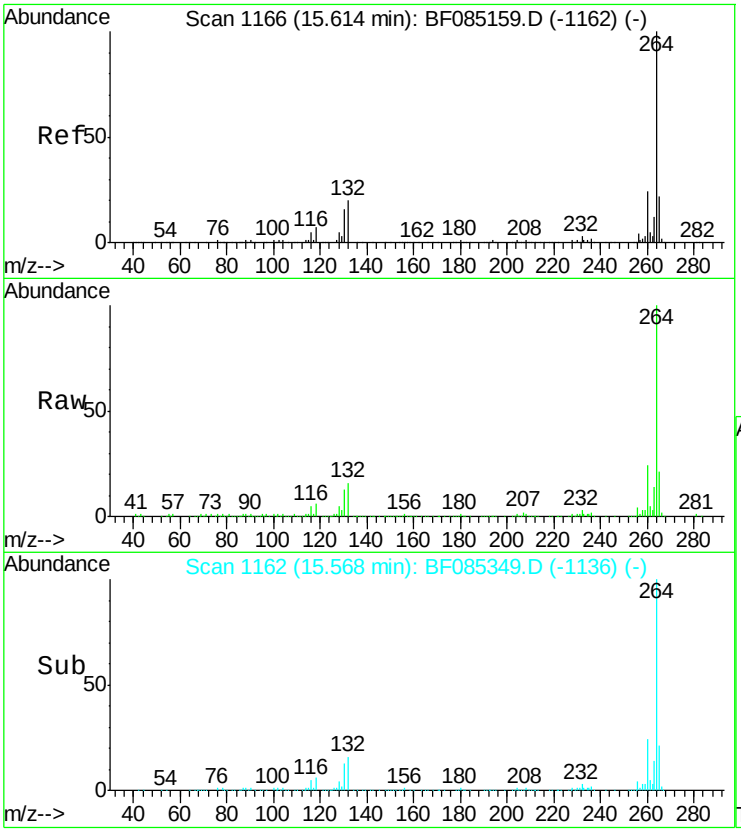


#78
Terphenyl-d14
Concen: 95.75 ng
RT: 13.05 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF085349.D
Acq: 10 Mar 2016 22:52

Tgt Ion:244 Resp: 985445

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	9.7	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: BF085349.D
Acq: 10 Mar 2016 22:52

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 250756

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	17.3	25.9