Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085658.D
Acq On : 22 Mar 2016 10:20
Operator : UM/SJ
Sample : H1840-01DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-13-17.5-18.0DL

Quant Time: Mar 22 12:46:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108404	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	331515	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	128007	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	217655	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	209744	20.00	ng		-0.02
86) Perylene-d12	15.42	264	219221	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	169534	26.27	ng		-0.02
7) Phenol-d6	6.47	99	234649	28.35	ng		-0.02
23) Nitrobenzene-d5	7.41	82	169875	29.74	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	25184	20.08	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	215164	23.46	ng		-0.01
78) Terphenyl-d14	12.95	244	141656	16.25	ng		-0.01
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.85	142	600727	58.90	ng		96
57) Fluorene	10.44	166	154715	18.61	ng	#	73
70) Phenanthrene	11.40	178	441344	38.46	ng	#	95
74) Fluoranthene	12.57	202	46830	3.90	ng		90
77) Pyrene	12.80	202	69775	4.63	ng	#	95

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

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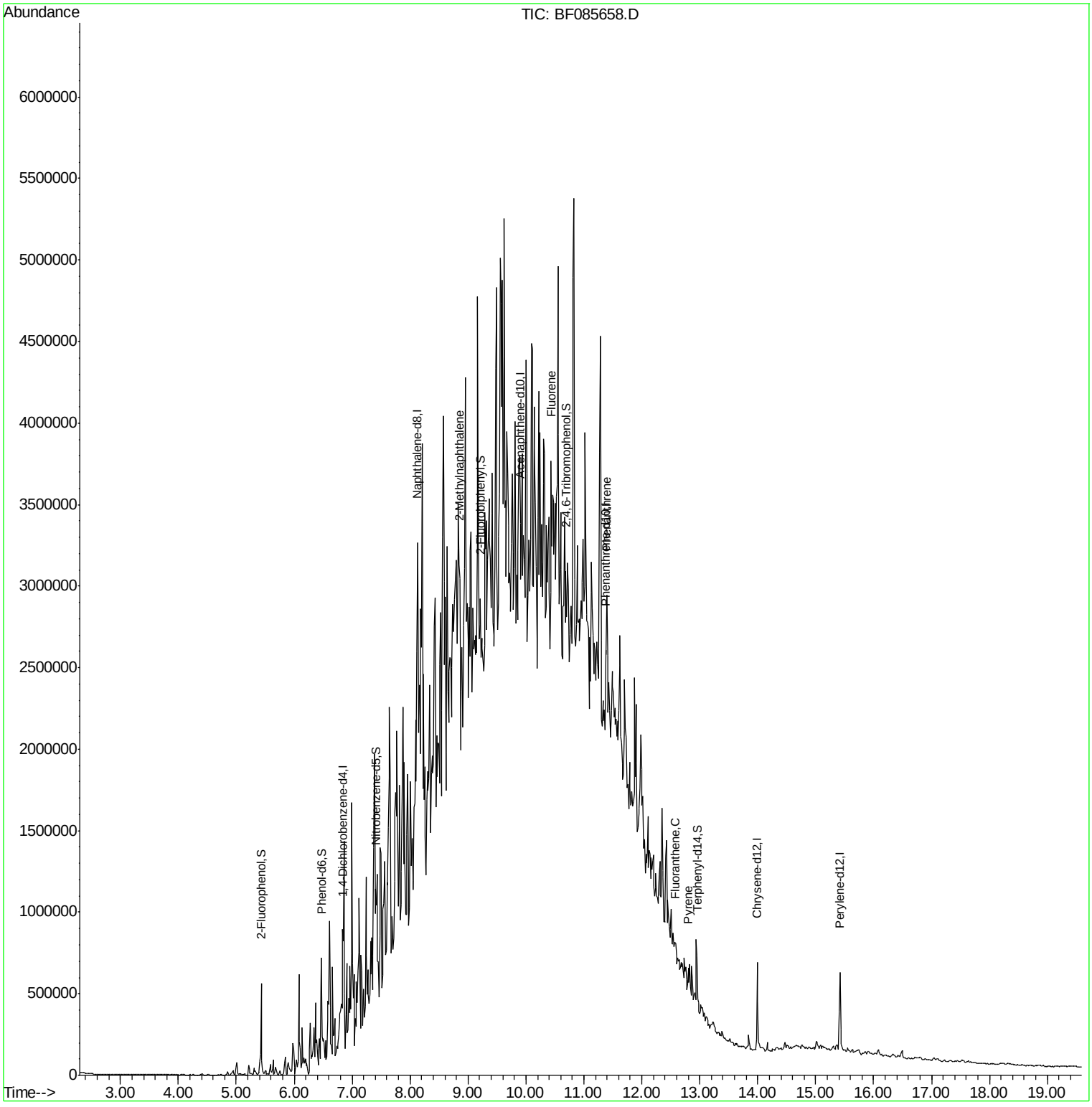
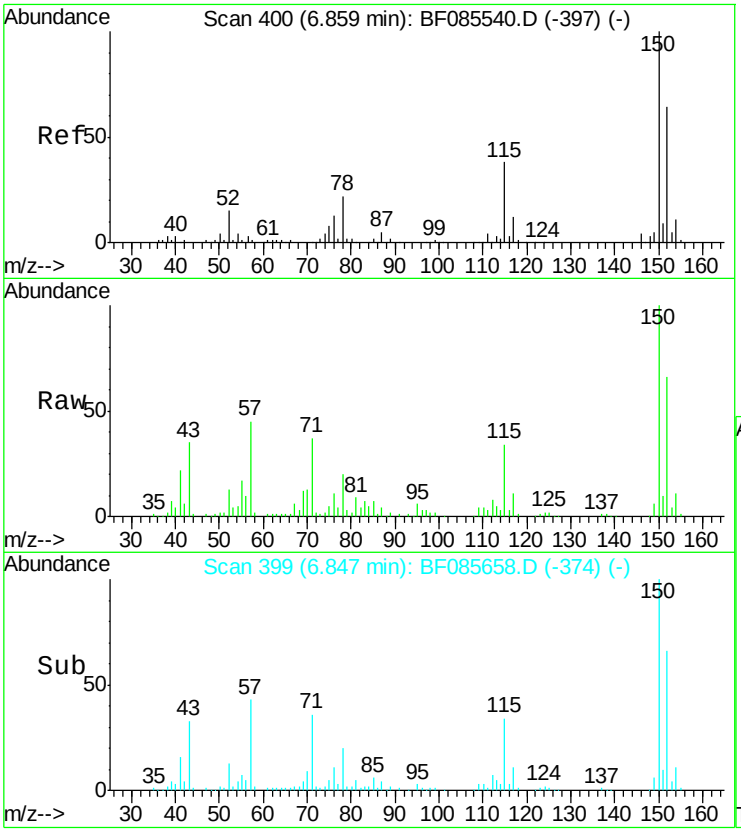


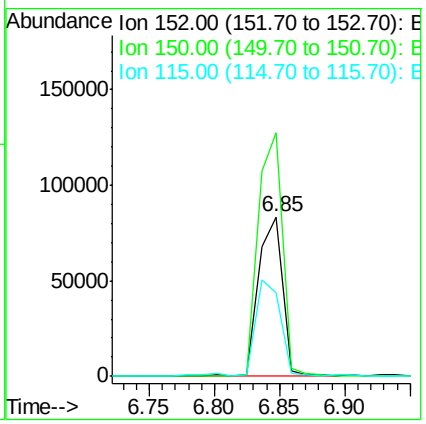


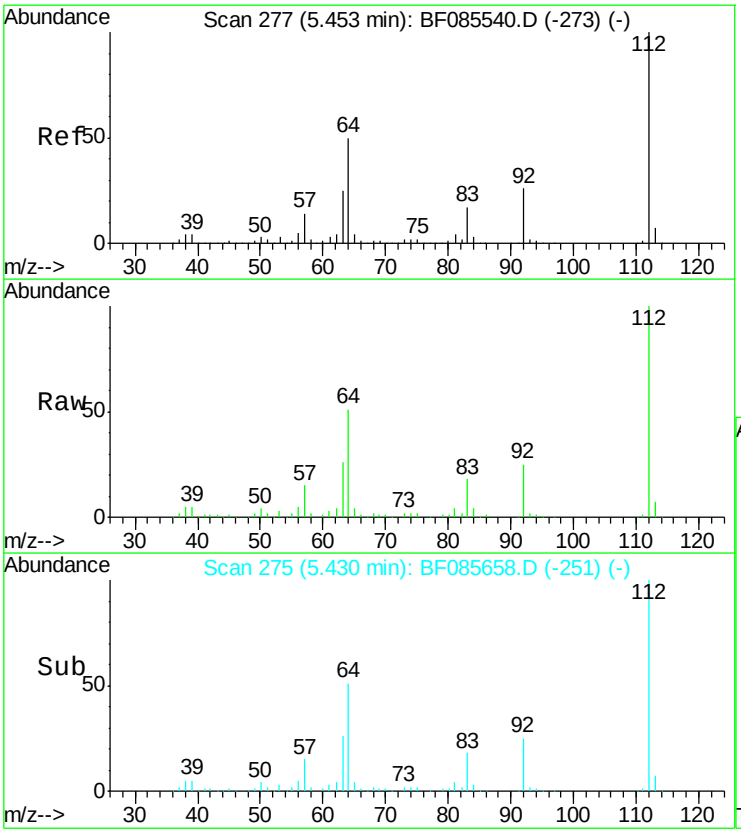
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-17.5-18.0DL

Tgt Ion:152 Resp: 108404

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.2	186.2
115	52.4	47.0	70.6

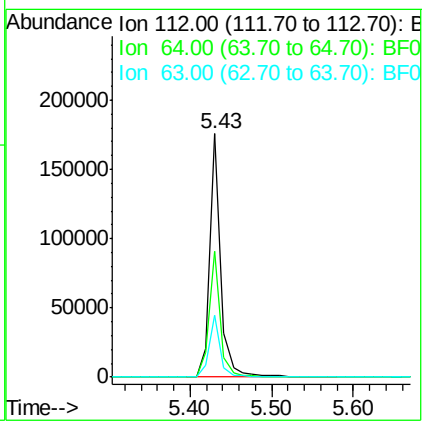


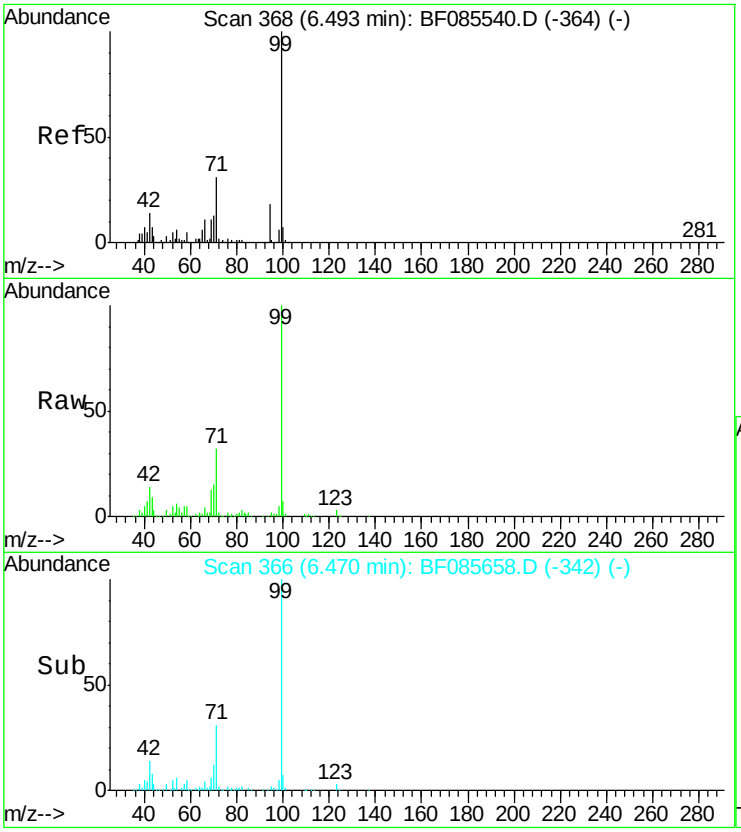


#5
2-Fluorophenol
Concen: 26.27 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.02 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Tgt Ion:112 Resp: 169534

Ion	Ratio	Lower	Upper
112	100		
64	51.5	39.9	59.9
63	25.6	20.2	30.2



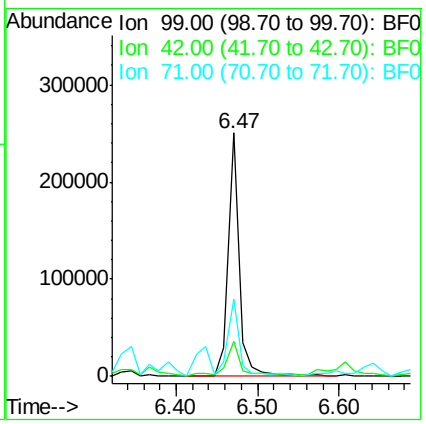


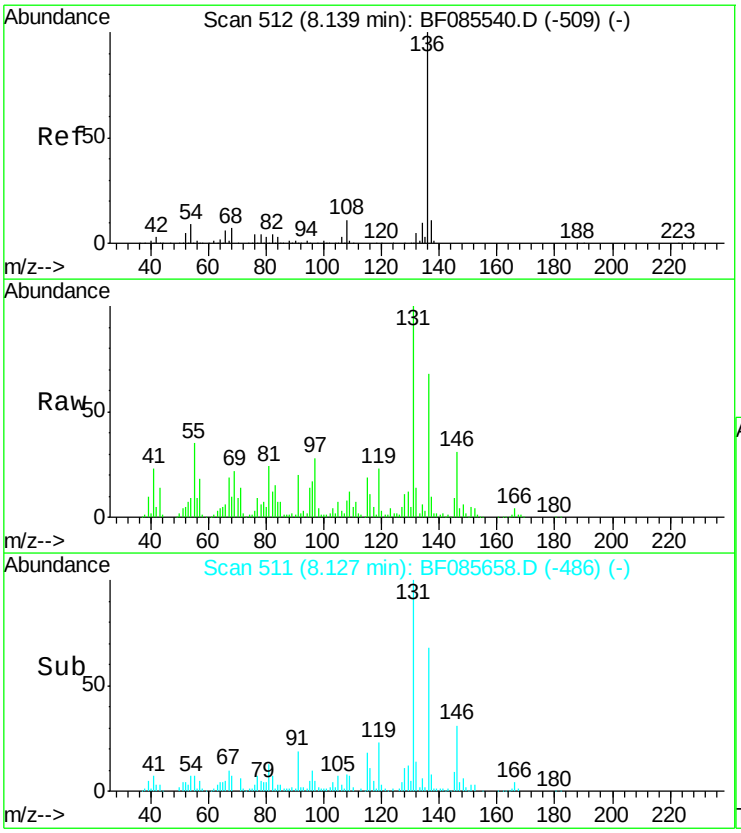
#7
Phenol-d6
Concen: 28.35 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-17.5-18.0DL

Tgt Ion: 99 Resp: 234649

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.1	16.7
71	32.0	24.9	37.3

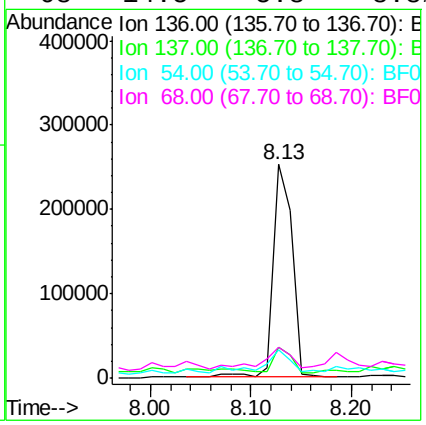


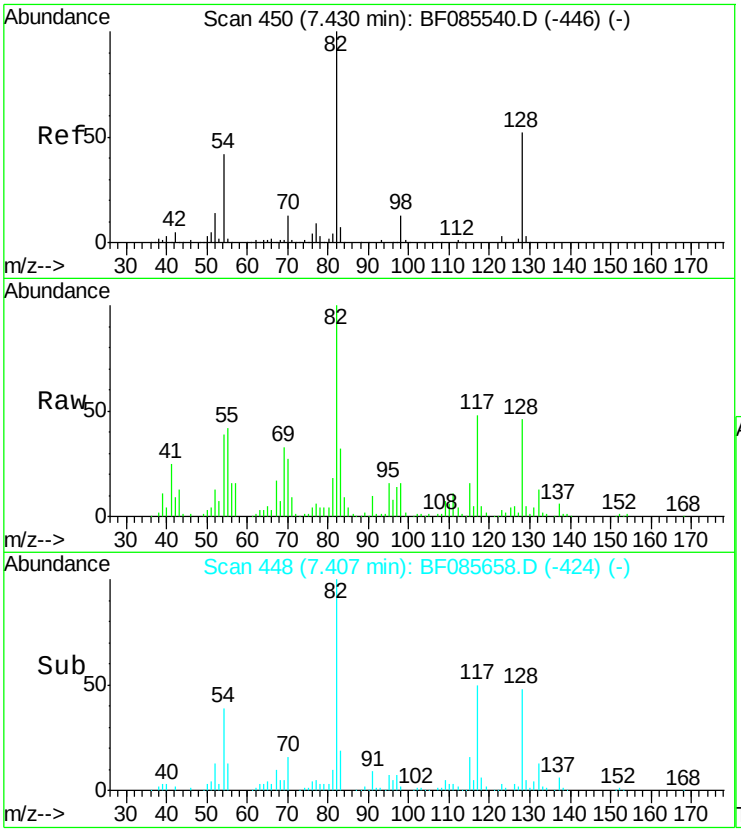


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Tgt Ion:136 Resp: 331515

Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.1	13.7#
54	13.3	7.4	11.0#
68	14.5	5.8	8.8#



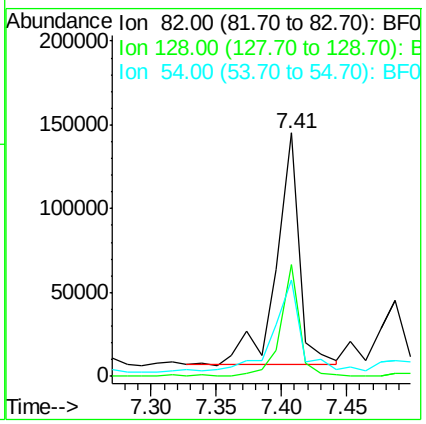


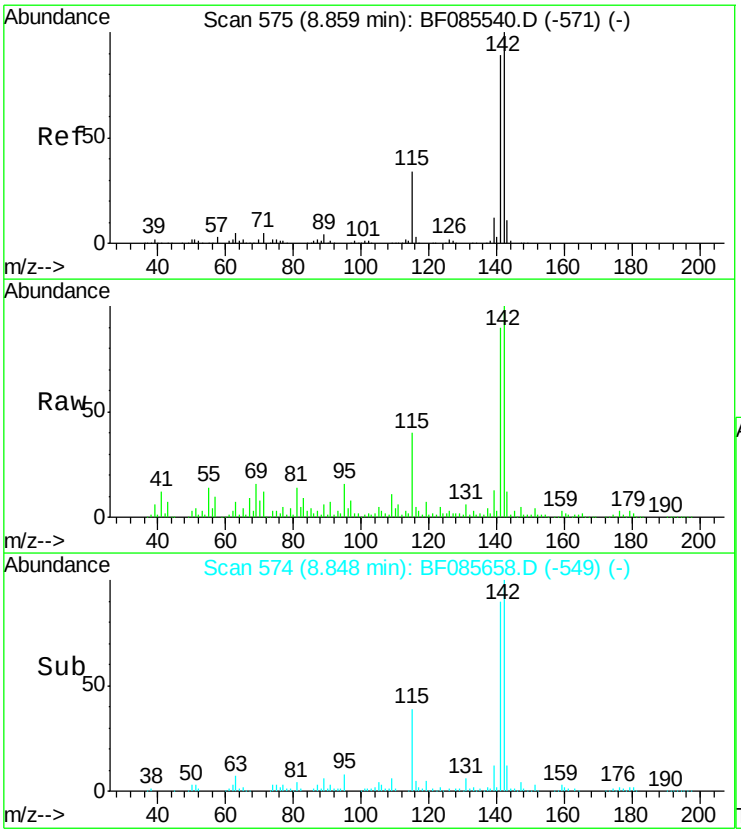
#23
Nitrobenzene-d5
Concen: 29.74 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-17.5-18.0DL

Tgt Ion: 82 Resp: 169875

Ion	Ratio	Lower	Upper
82	100		
128	45.9	41.8	62.8
54	39.4	33.4	50.0

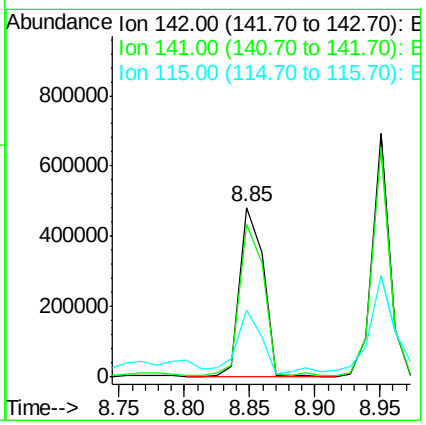


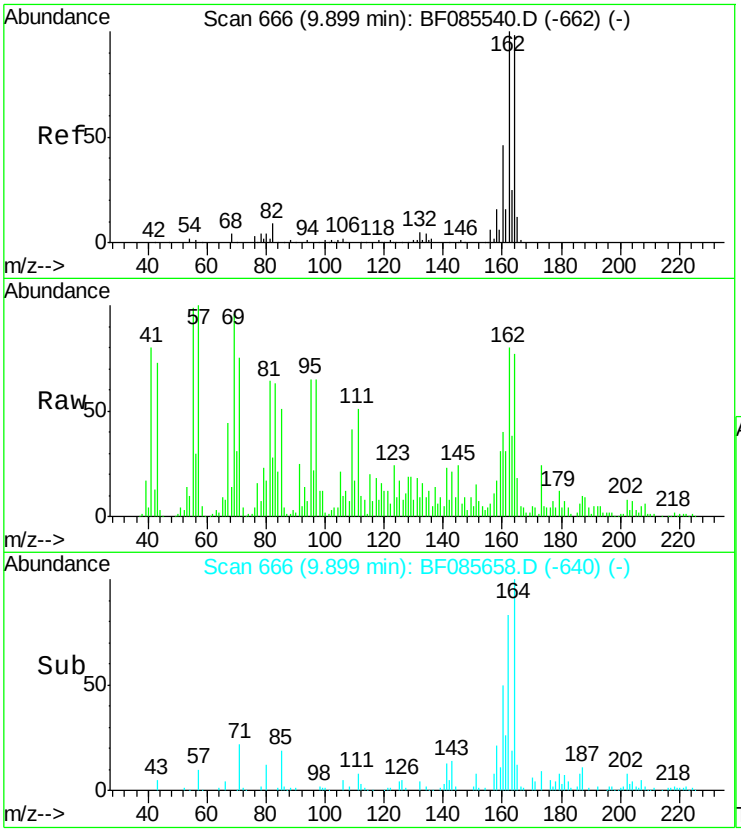


#37
2-Methylnaphthalene
Concen: 58.90 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Tgt Ion:142 Resp: 600727

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.6	107.4
115	39.8	26.8	40.2



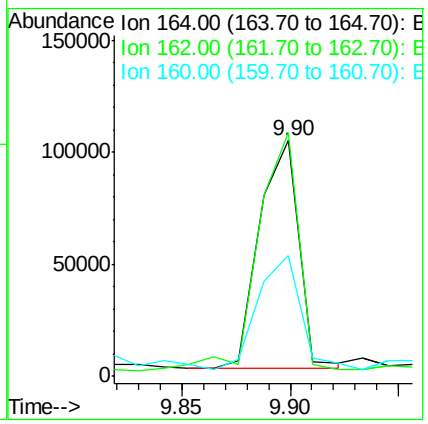


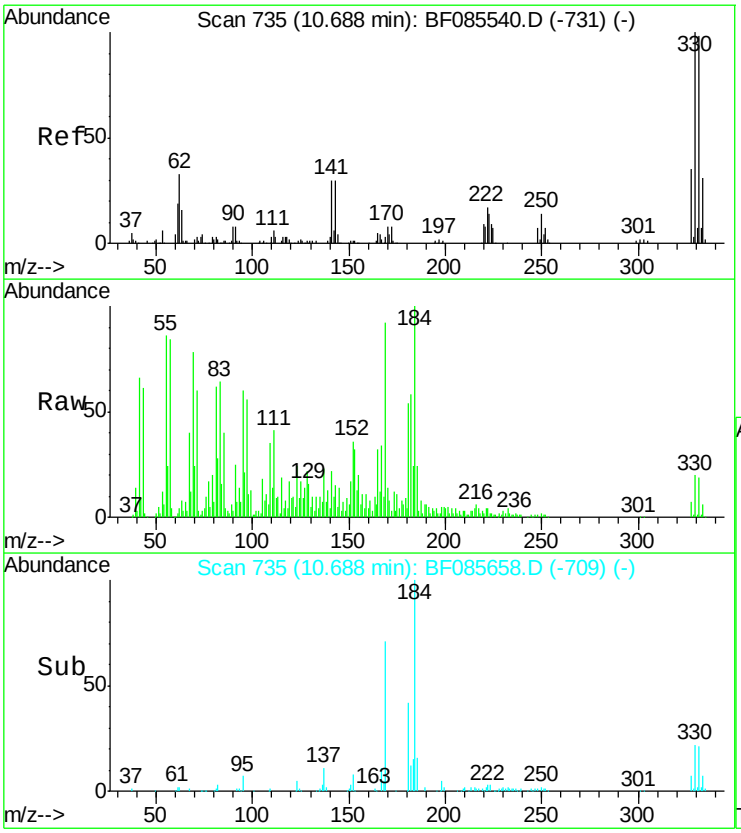
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-17.5-18.0DL

Tgt Ion:164 Resp: 128007

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.1	123.1
160	51.1	37.4	56.2

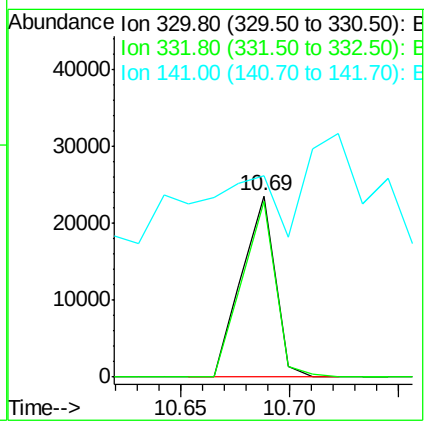


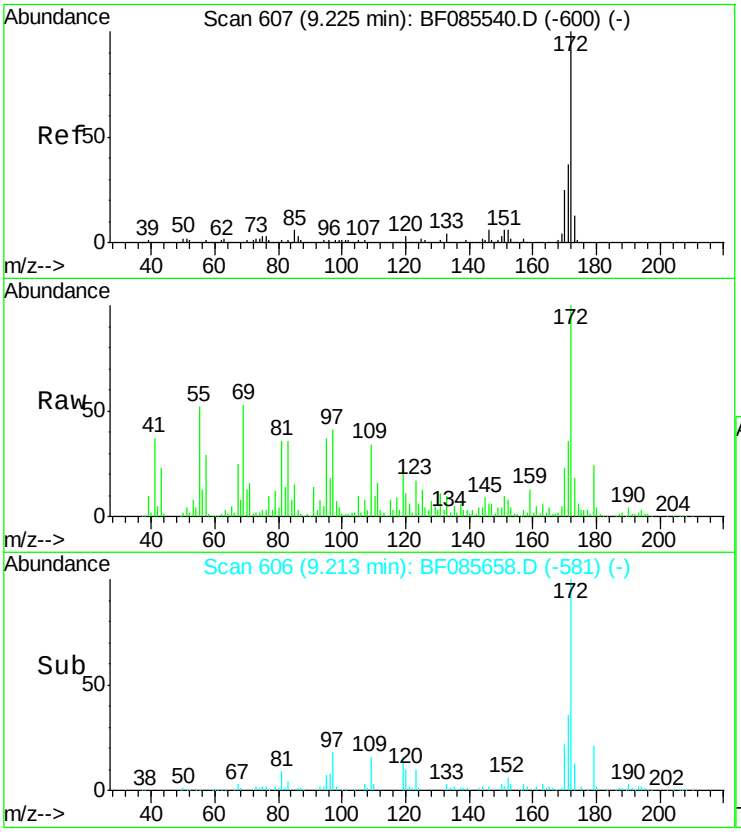


#41
2,4,6-Tribromophenol
Concen: 20.08 ng
RT: 10.69 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Tgt Ion:330 Resp: 25184

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	95.4	31.5	47.3#



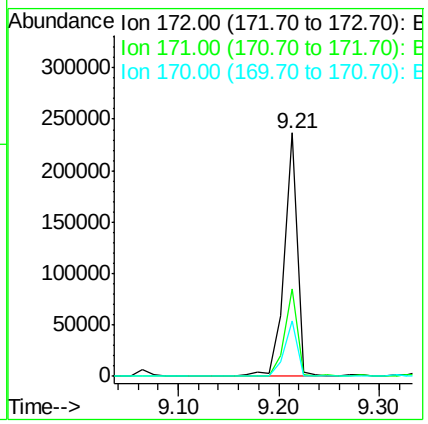


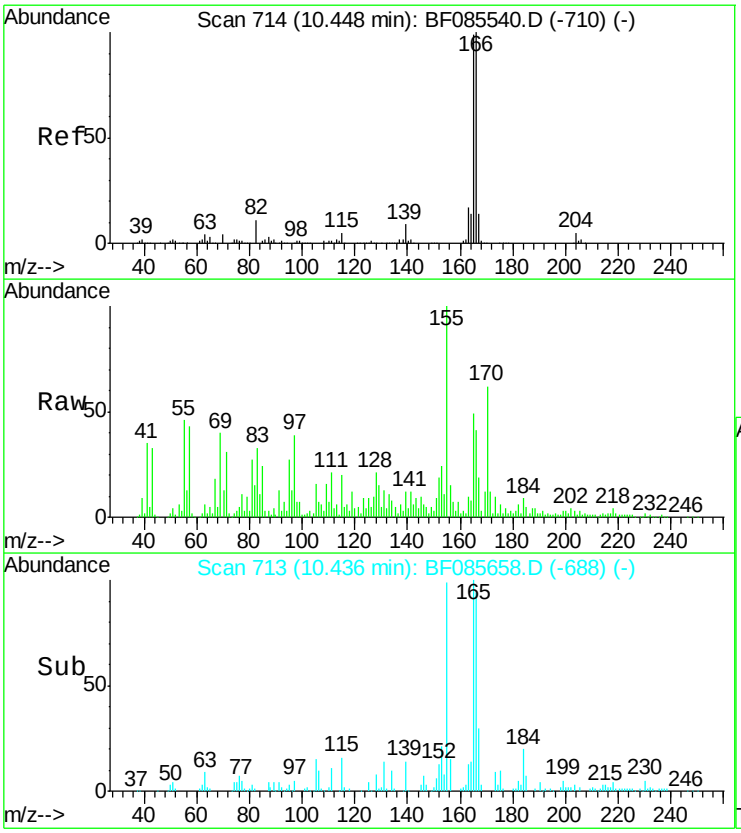
#44
2-Fluorobiphenyl
Concen: 23.46 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-17.5-18.0DL

Tgt Ion:172 Resp: 215164

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	22.8	19.8	29.6

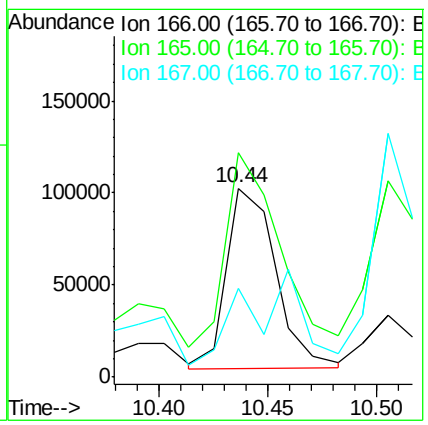


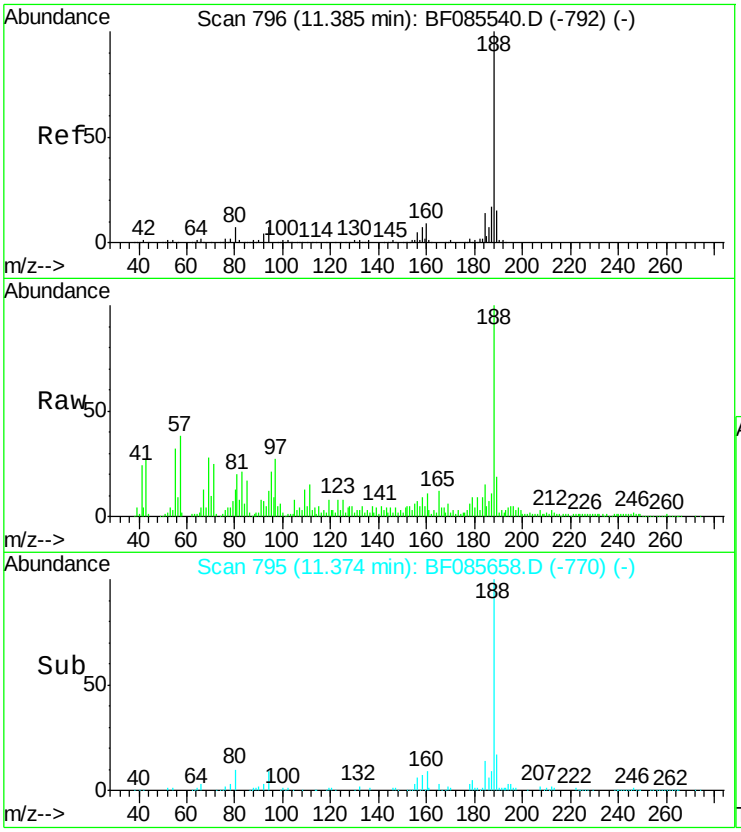


#57
Fluorene
Concen: 18.61 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Tgt Ion:166 Resp: 154715

Ion	Ratio	Lower	Upper
166	100		
165	118.6	79.4	119.0
167	46.8	11.0	16.4#



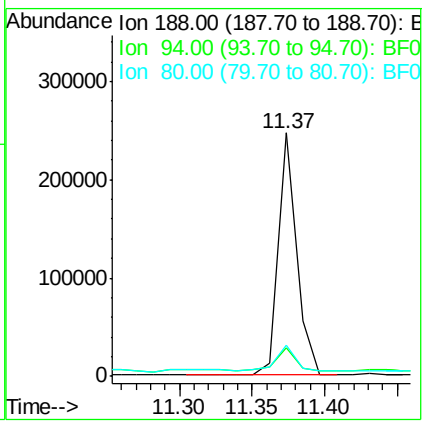


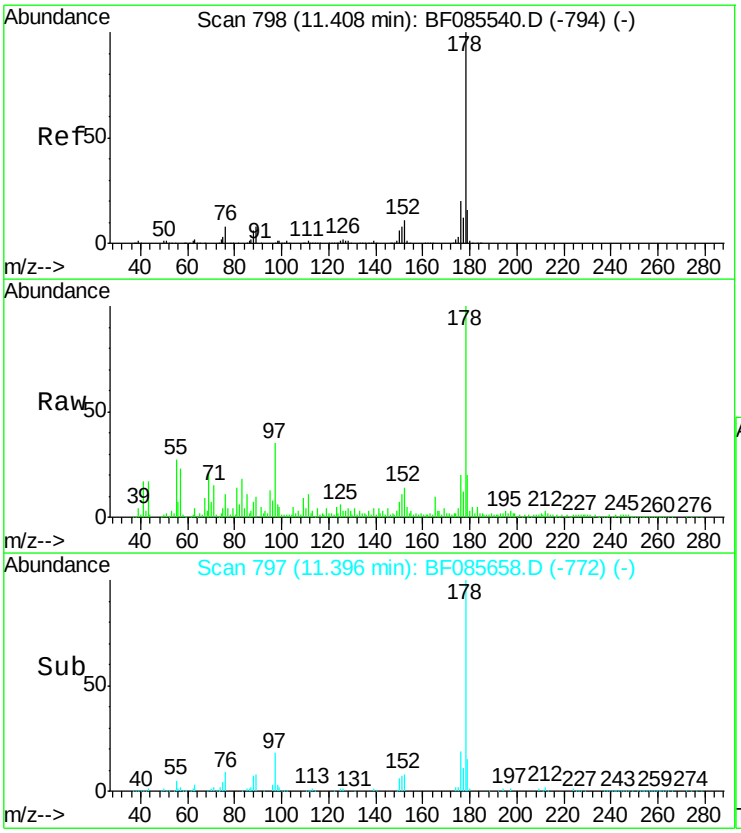
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-17.5-18.0DL

Tgt Ion:188 Resp: 217655

Ion	Ratio	Lower	Upper
188	100		
94	11.8	5.4	8.0#
80	12.8	5.5	8.3#

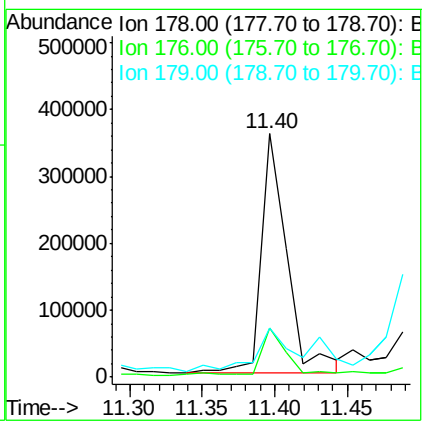


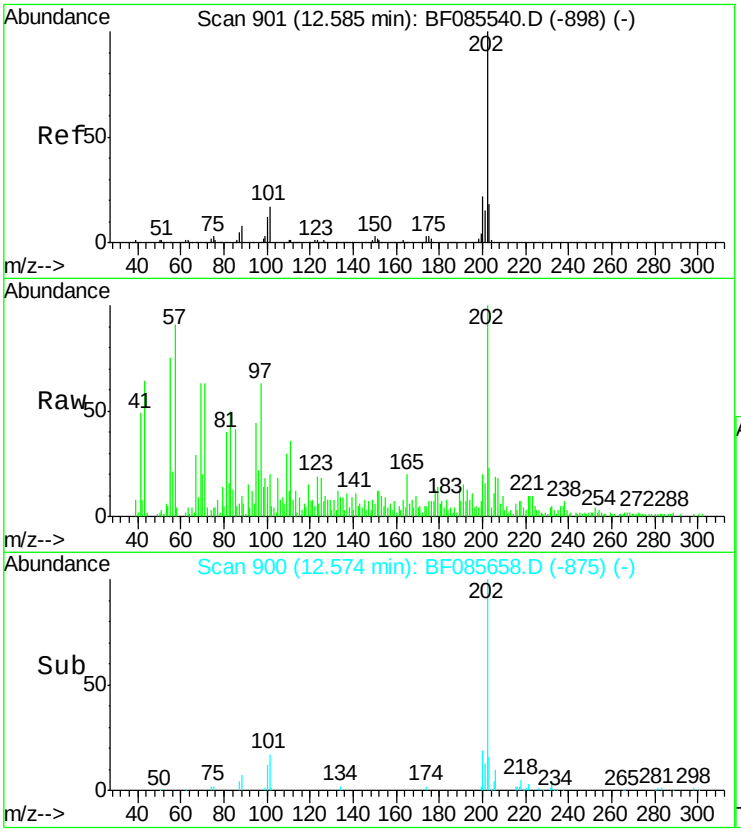


#70
Phenanthrene
Concen: 38.46 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Tgt Ion:178 Resp: 441344

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.3	24.5
179	19.9	12.6	18.8#



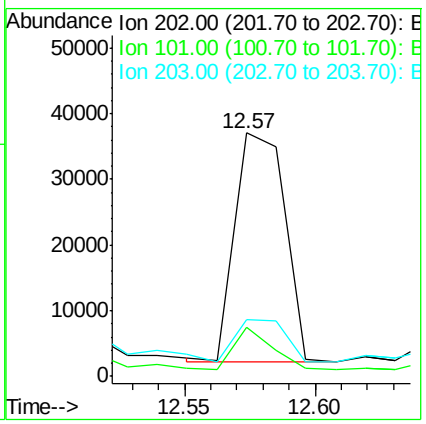


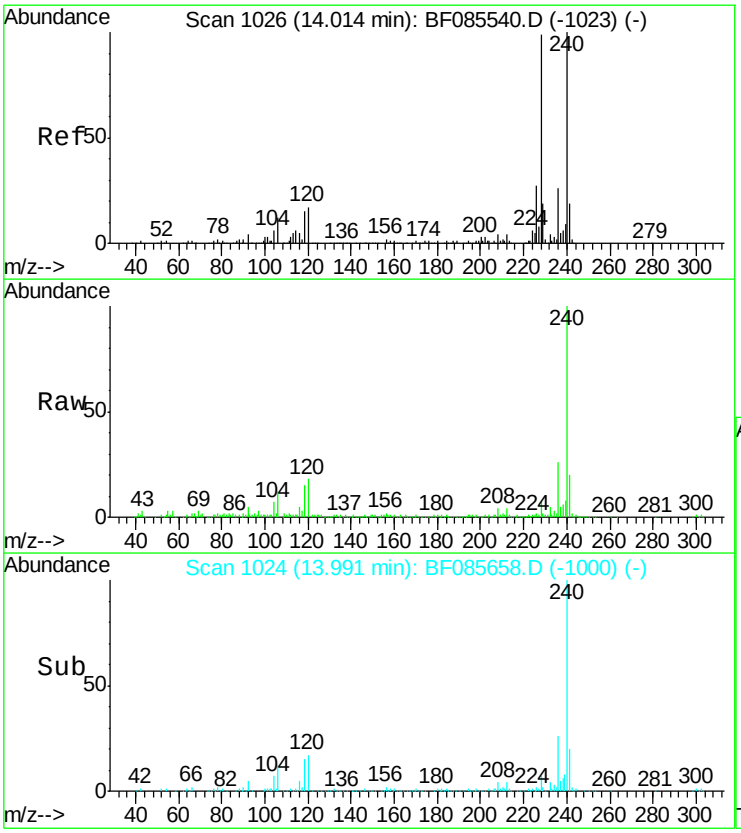
#74
Fluoranthene
Concen: 3.90 ng
RT: 12.57 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-17.5-18.0DL

Tgt Ion:202 Resp: 46830

Ion	Ratio	Lower	Upper
202	100		
101	20.4	0.0	36.6
203	23.4	0.0	38.1

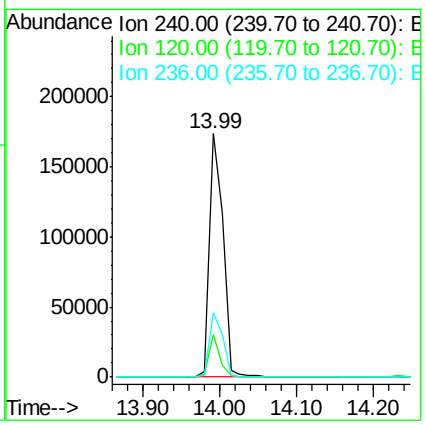


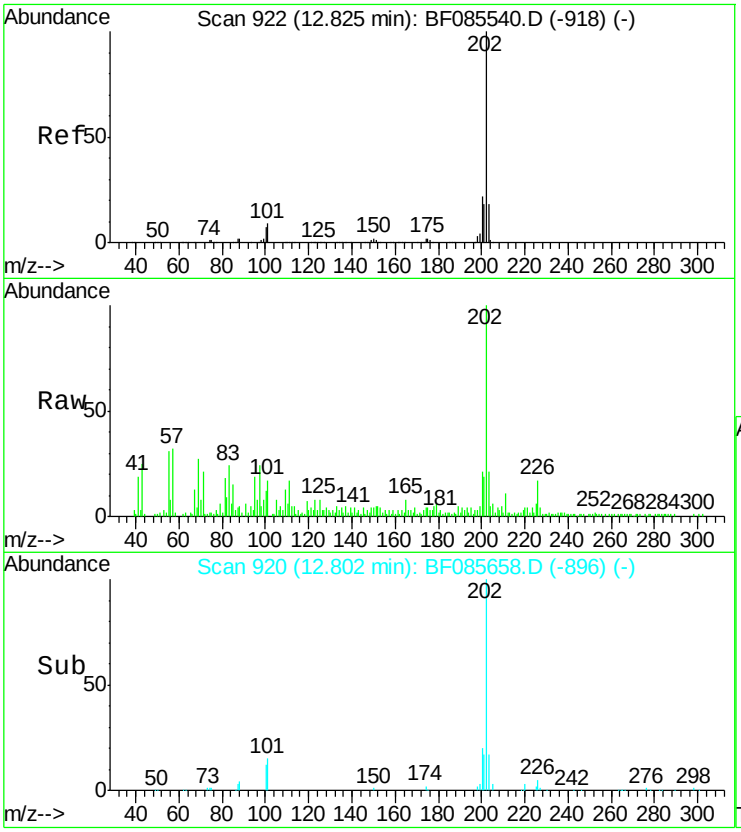


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Tgt Ion:240 Resp: 209744

Ion	Ratio	Lower	Upper
240	100		
120	17.6	13.8	20.8
236	26.5	20.6	30.8



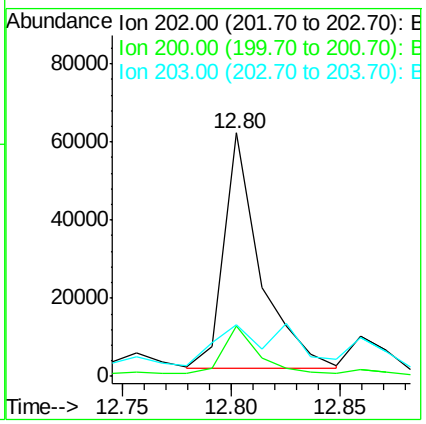


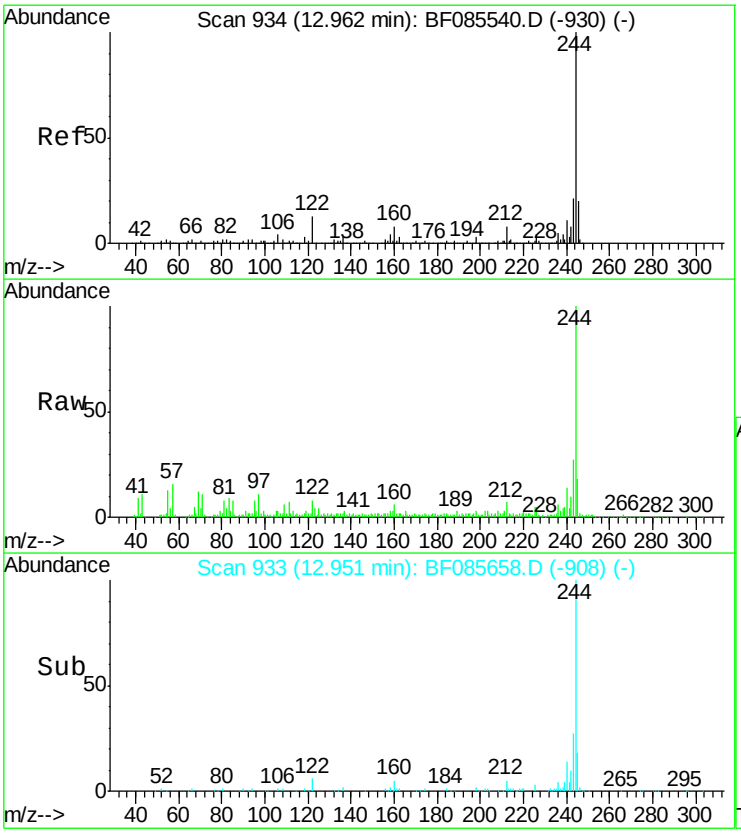
#77
Pyrene
Concen: 4.63 ng
RT: 12.80 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-17.5-18.0DL

Tgt Ion:202 Resp: 69775

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	21.1	14.0	21.0#

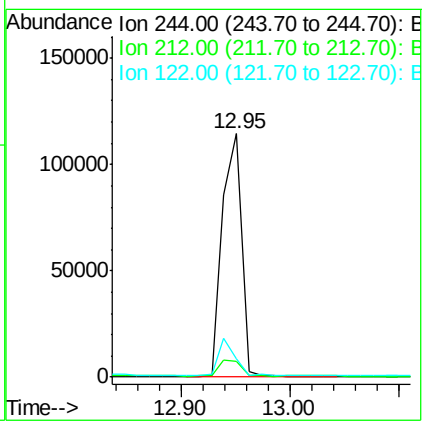


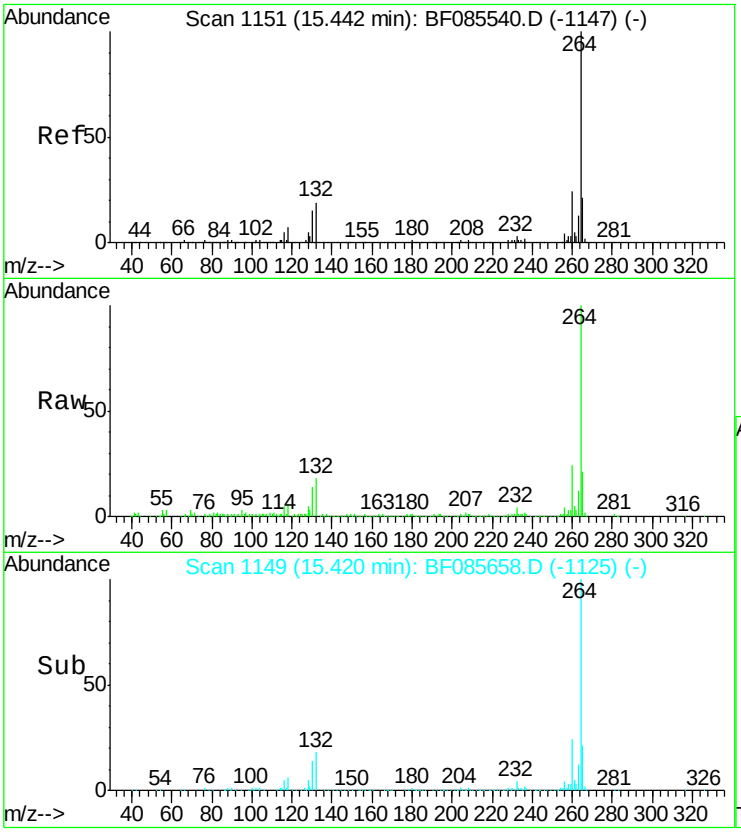


#78
Terphenyl-d14
Concen: 16.25 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Tgt Ion:244 Resp: 141656

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	7.5	10.2	15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085658.D
Acq: 22 Mar 2016 10:20

Instrument :
BNA_F
ClientSampleId :
PJ-SB-13-17.5-18.0DL

Tgt Ion:264 Resp: 219221

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.4	17.2	25.8