Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122815\
Data File : BF084160.D
Acq On : 28 Dec 2015 17:22
Operator : UM/SJ
Sample : G4960-05 25X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-300(16.0-16.5)

Quant Time: Dec 29 03:48:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	48111	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	173981	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	79157	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	130834	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	96640	20.00	ng	-0.02
86) Perylene-d12	15.37	264	104356	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	17685	6.23	ng	0.00
7) Phenol-d6	6.44	99	25917	7.38	ng	-0.01
23) Nitrobenzene-d5	7.36	82	11906	4.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	4004	4.74	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	28655	4.95	ng	-0.01
78) Terphenyl-d14	12.89	244	17293	3.24	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.78	142	194701	33.60	ng	# 95
51) Acenaphthene	9.86	154	42161	8.12	ng	# 87
70) Phenanthrene	11.33	178	211012	27.21	ng	# 95

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

Quantitation Report (LSC Reviewed)

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Quant Time: Dec 29 03:48:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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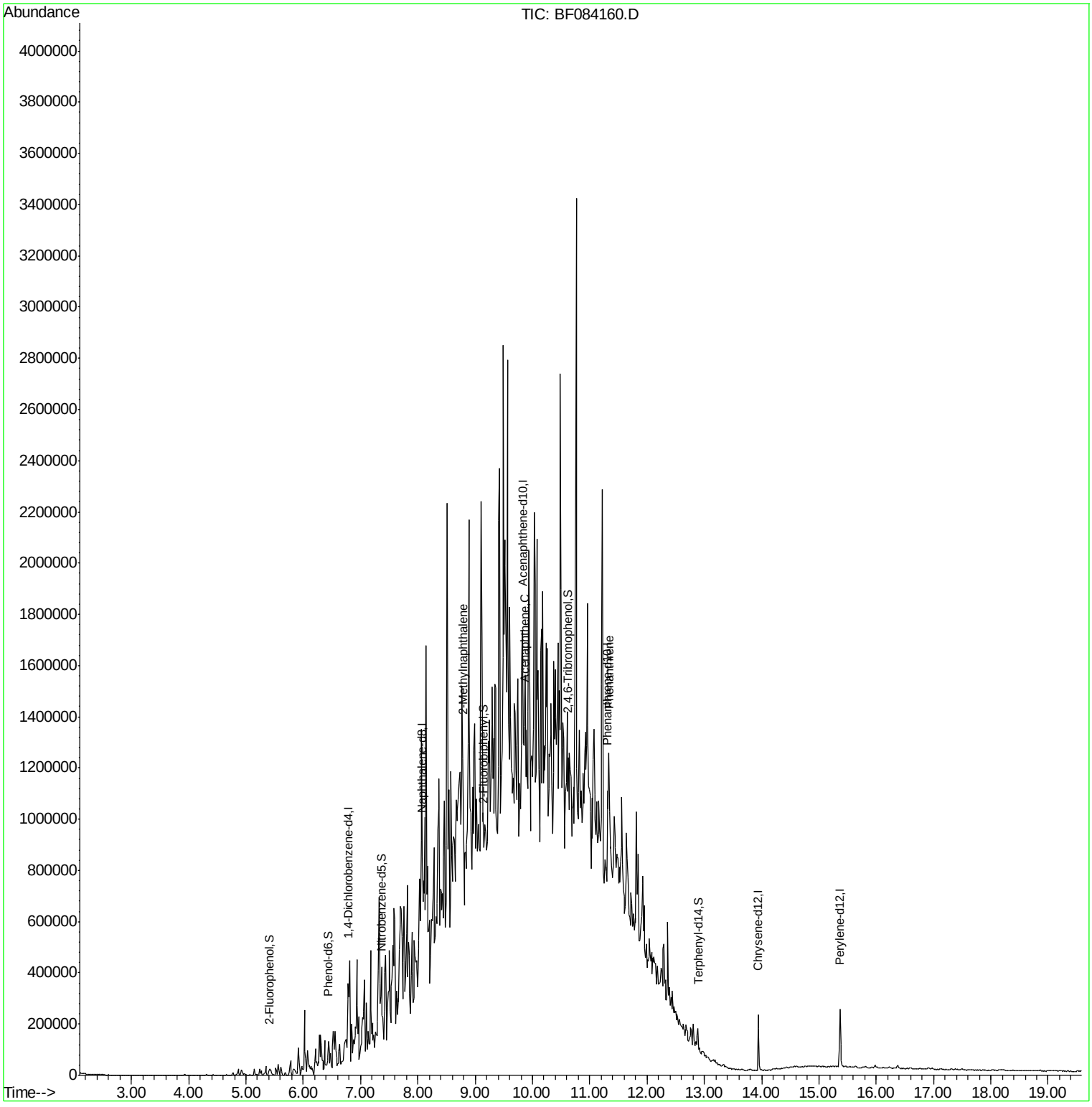
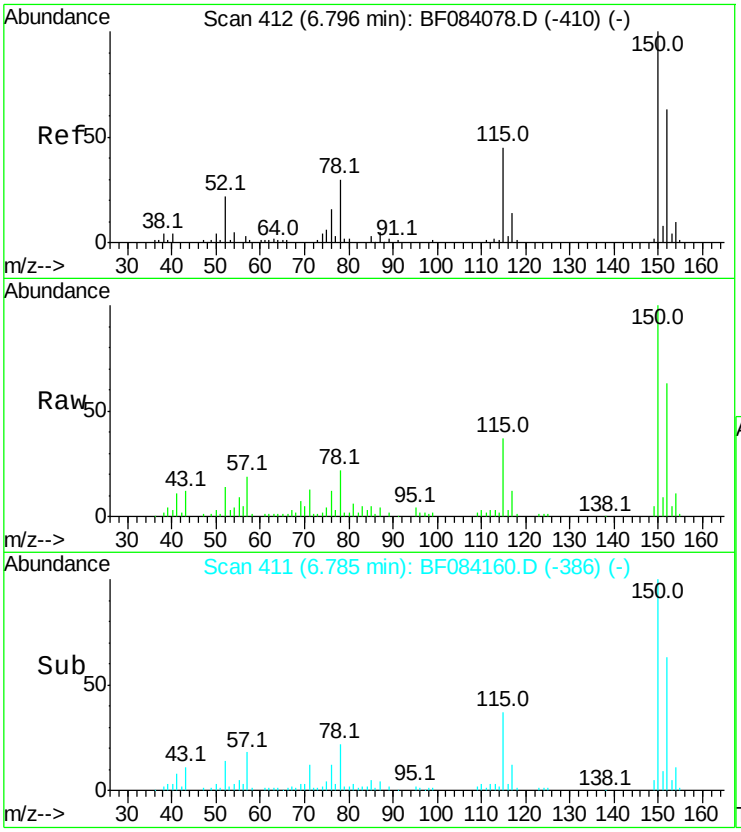


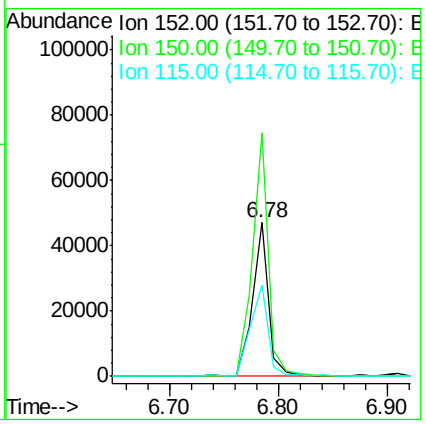


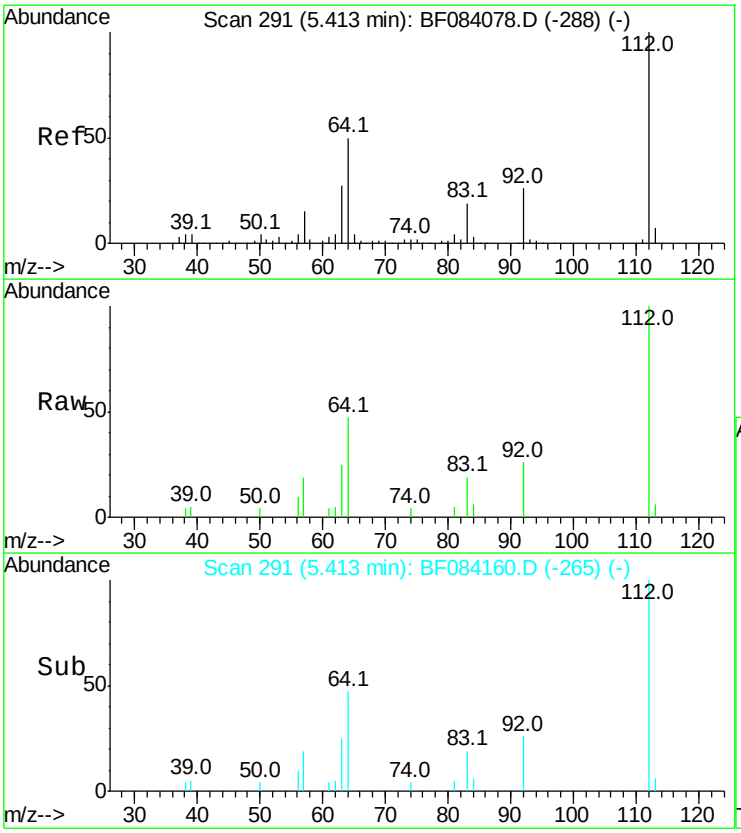
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:152 Resp: 48111

Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.0	184.4
115	59.3	51.4	77.2

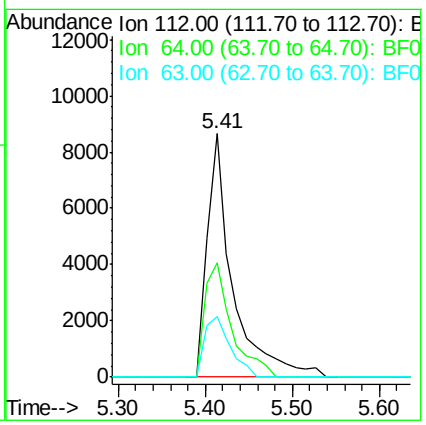


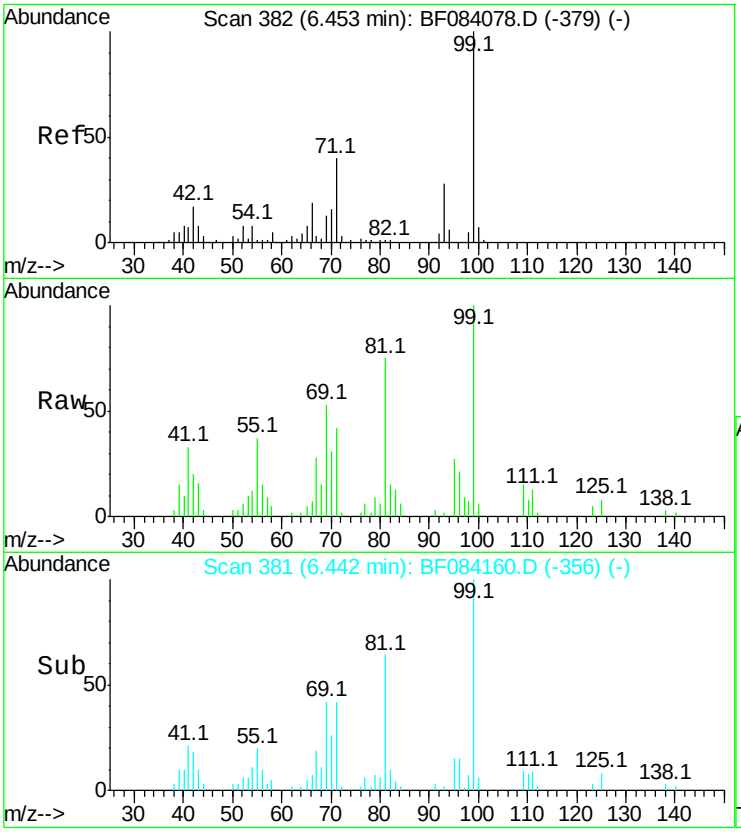


#5
2-Fluorophenol
Concen: 6.23 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Tgt Ion:112 Resp: 17685

Ion	Ratio	Lower	Upper
112	100		
64	46.9	36.6	55.0
63	25.1	19.4	29.0



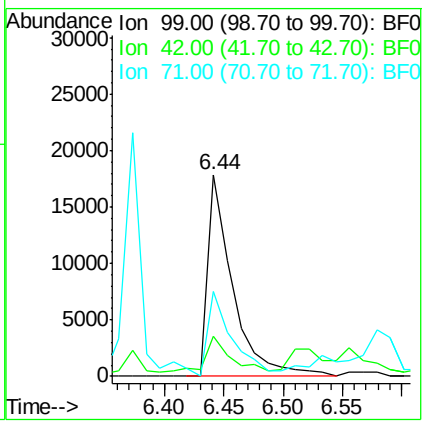


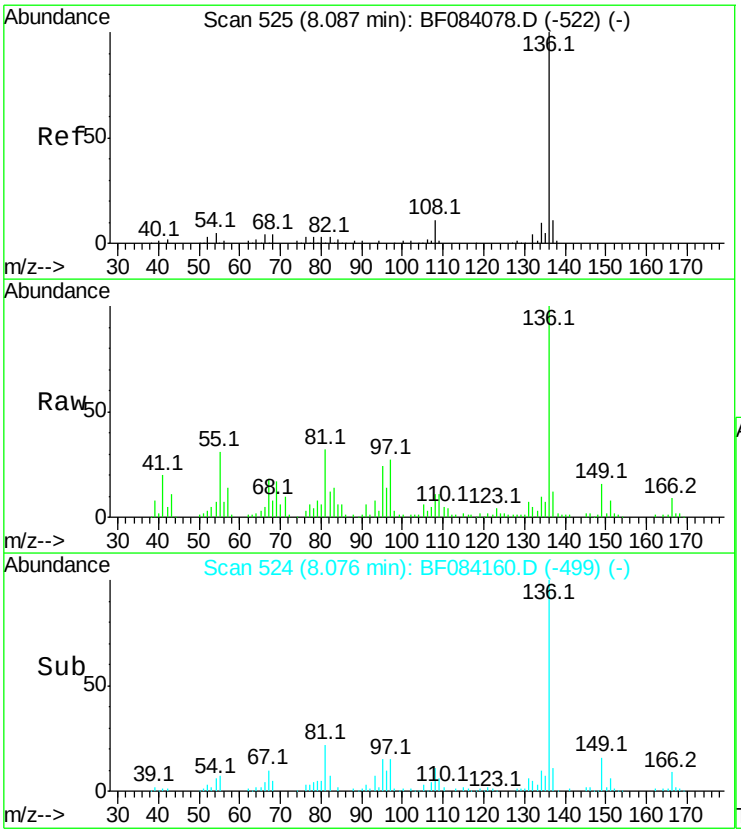
#7
Phenol-d6
Concen: 7.38 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion: 99 Resp: 25917

Ion	Ratio	Lower	Upper
99	100		
42	19.7	12.8	19.2#
71	42.2	30.9	46.3

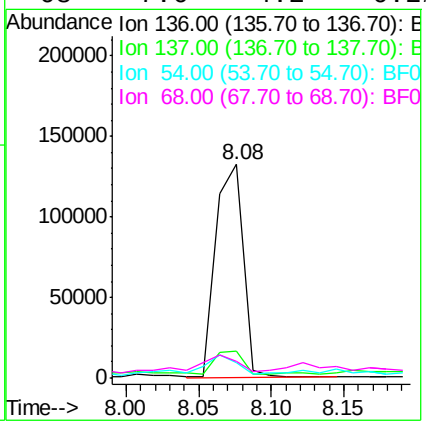


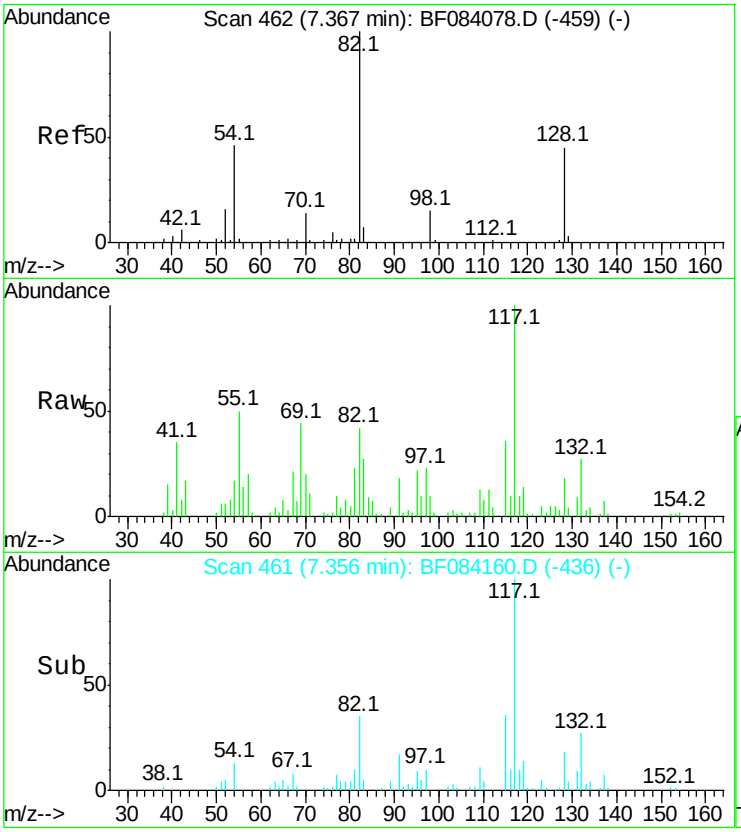


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Tgt Ion:136 Resp: 173981

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.7	13.1
54	7.3	5.8	8.8
68	7.6	4.2	6.2#



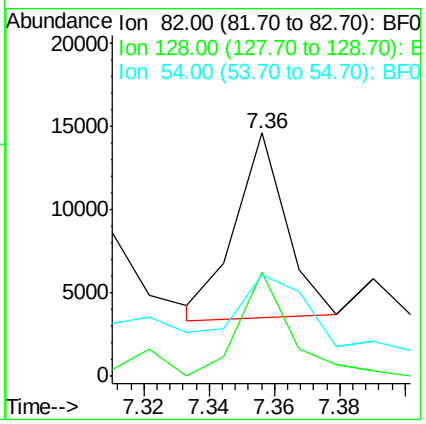


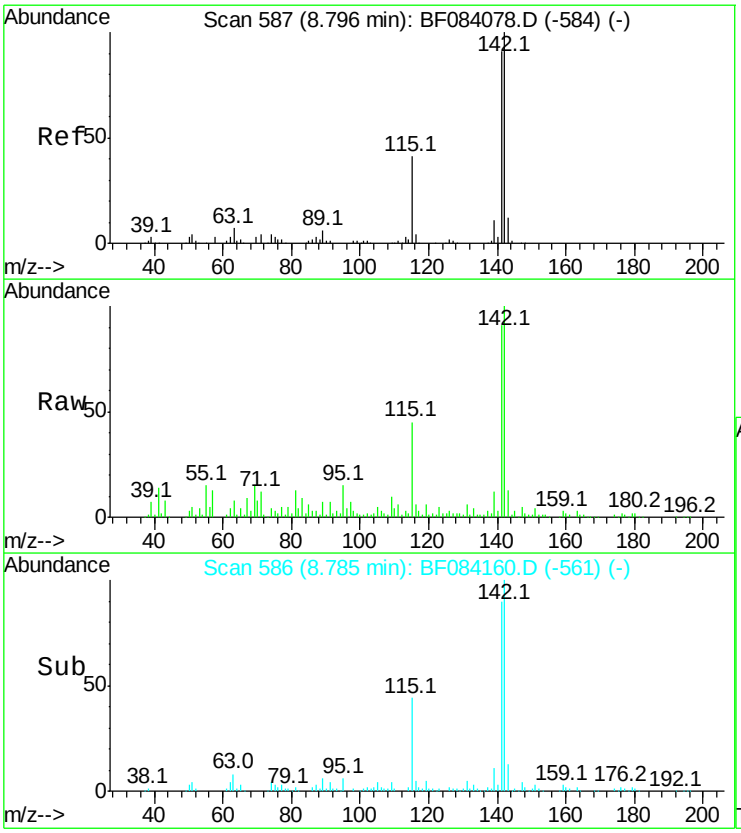
#23
Nitrobenzene-d5
Concen: 4.01 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion: 82 Resp: 11906

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	41.7	38.4	57.6

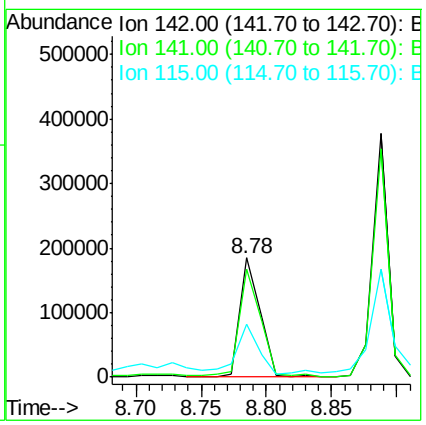


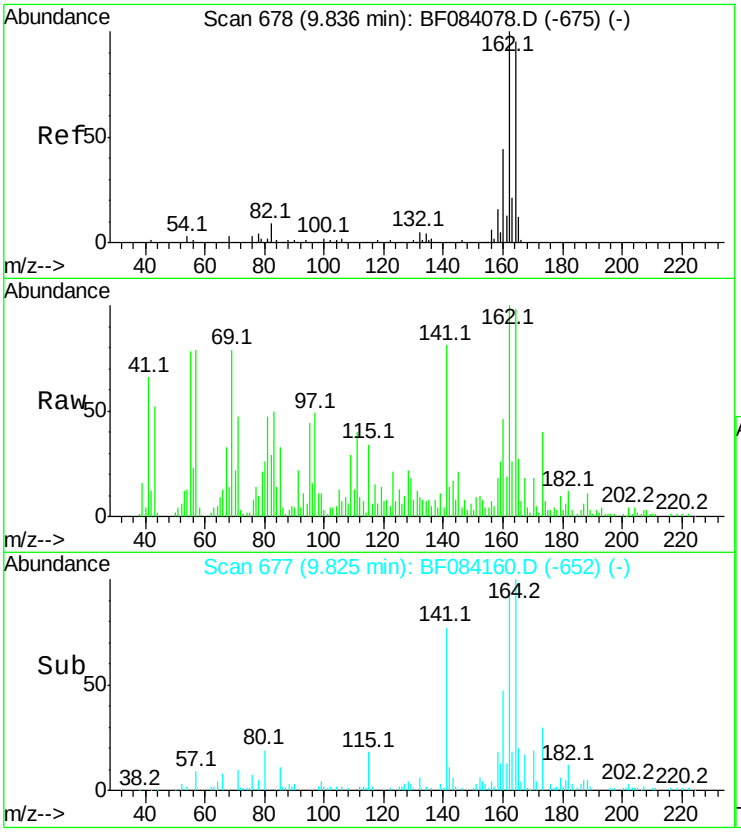


#37
2-Methylnaphthalene
Concen: 33.60 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Tgt Ion:142 Resp: 194701

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.4	108.6
115	44.6	27.9	41.9#



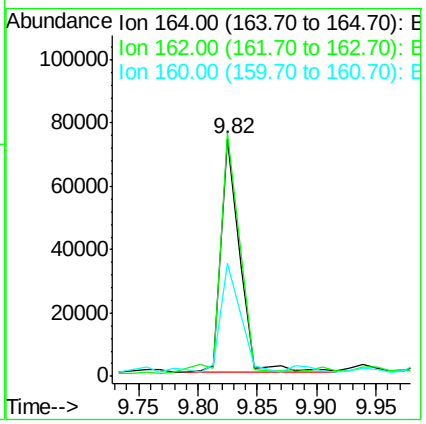


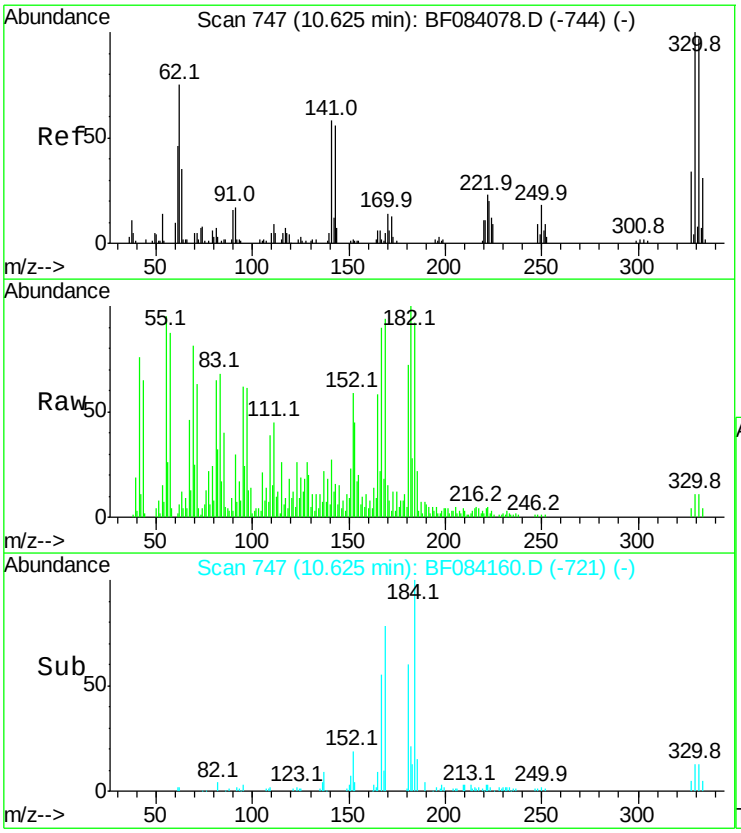
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:164 Resp: 79157

Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.1	127.7
160	47.5	37.5	56.3

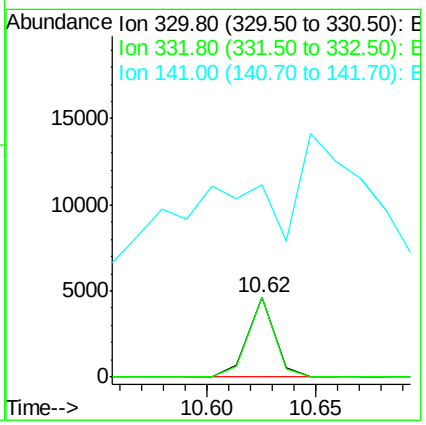


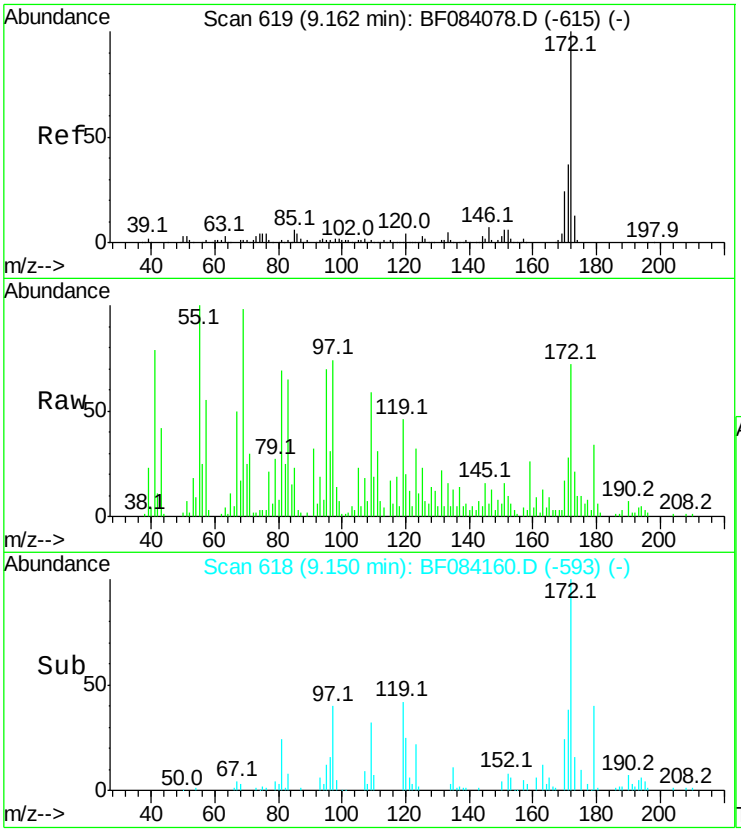


#41
2,4,6-Tribromophenol
Concen: 4.74 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Tgt Ion:330 Resp: 4004

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	205.8	27.8	41.6#



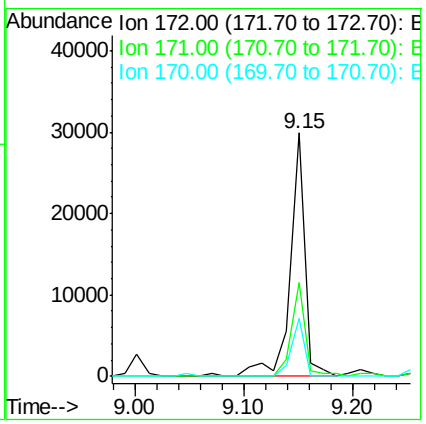


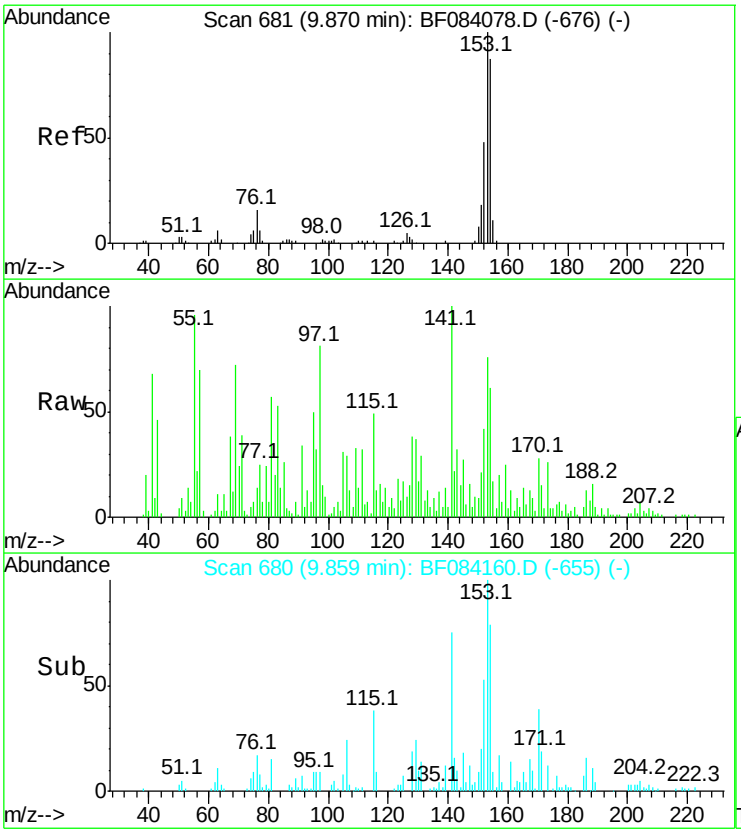
#44
2-Fluorobiphenyl
Concen: 4.95 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:172 Resp: 28655

Ion	Ratio	Lower	Upper
172	100		
171	38.5	28.9	43.3
170	23.7	18.6	27.8

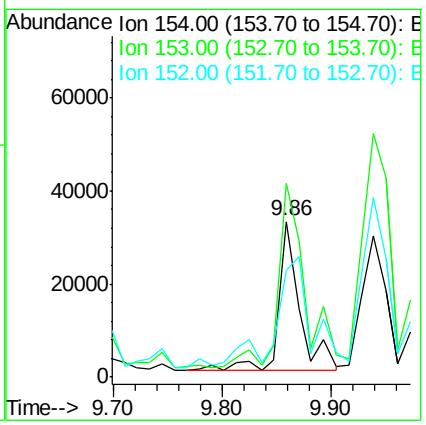


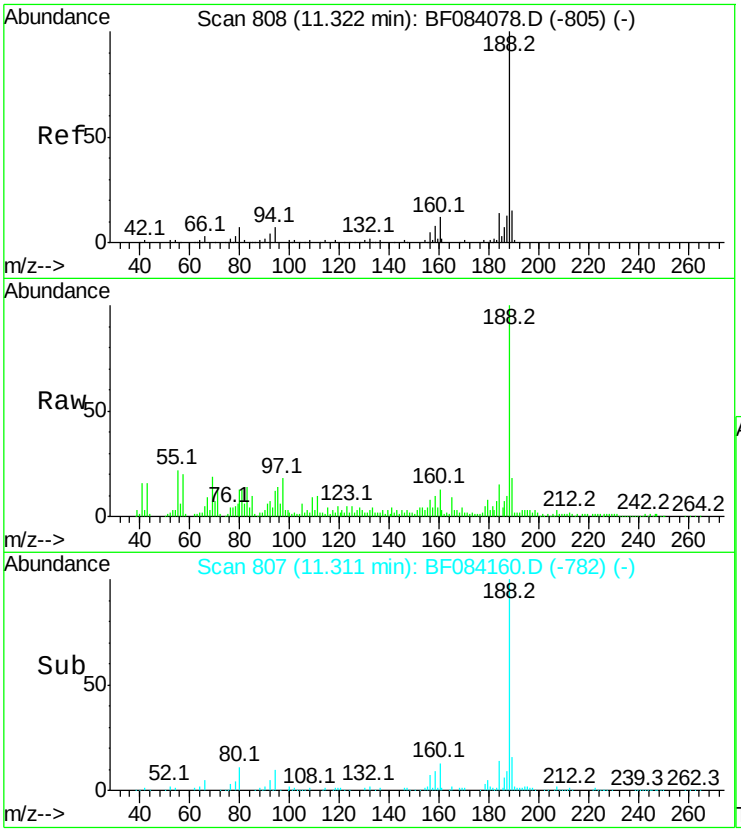


#51
Acenaphthene
Concen: 8.12 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Tgt Ion:154 Resp: 42161

Ion	Ratio	Lower	Upper
154	100		
153	124.3	91.5	137.3
152	68.6	43.0	64.6#



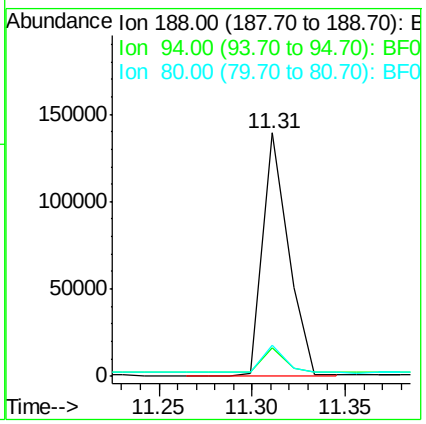


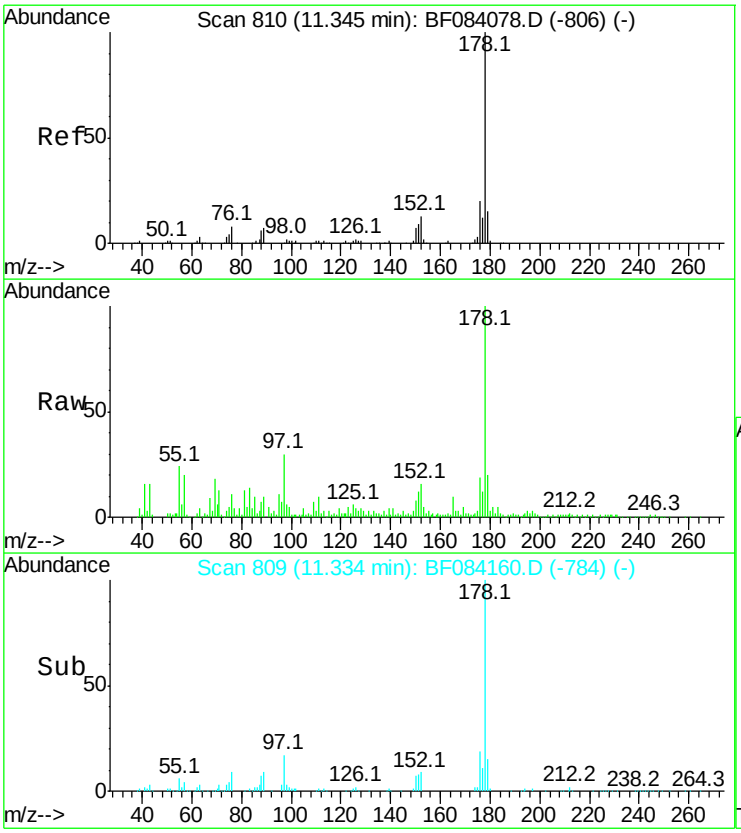
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:188 Resp: 130834

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.0	13.4
80	13.0	9.6	14.4

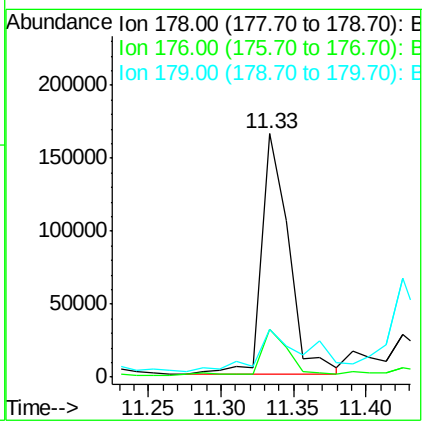


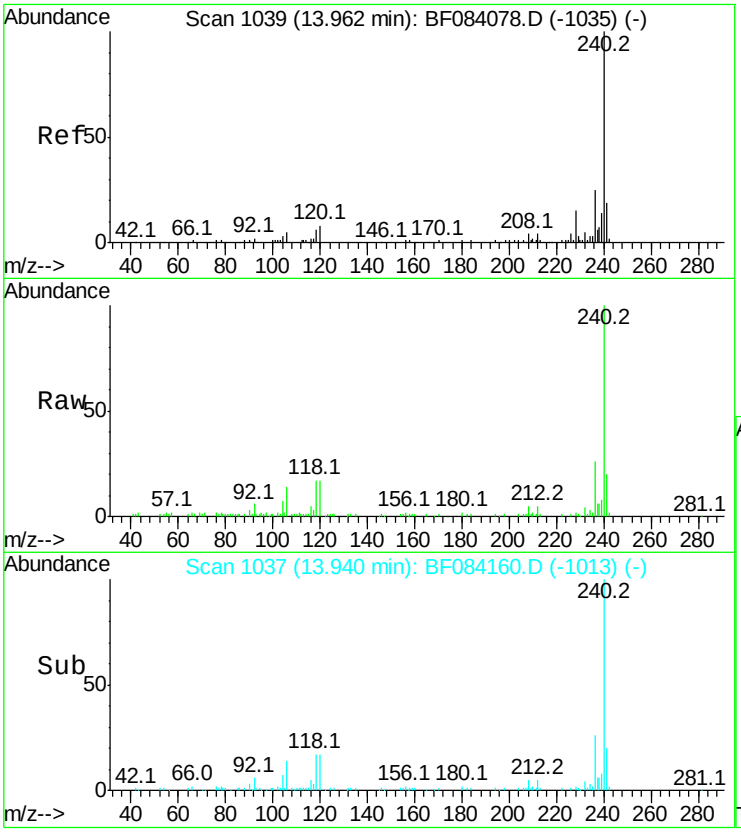


#70
Phenanthrene
Concen: 27.21 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Tgt Ion:178 Resp: 211012

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	19.5	12.0	18.0#



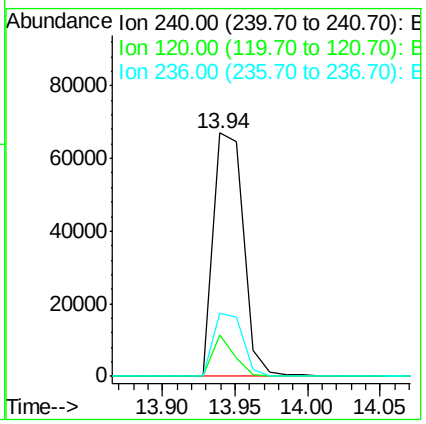


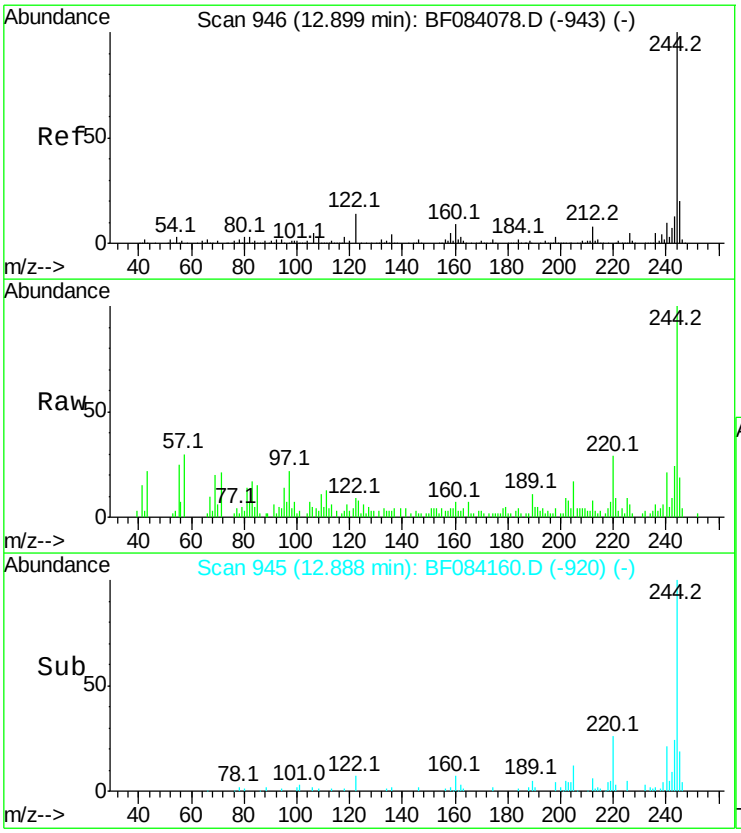
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:240 Resp: 96640

Ion	Ratio	Lower	Upper
240	100		
120	17.3	9.5	14.3#
236	25.7	20.6	31.0

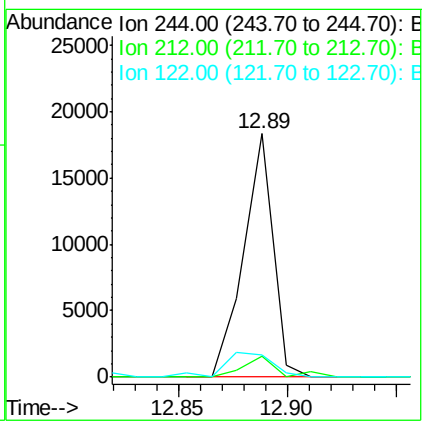


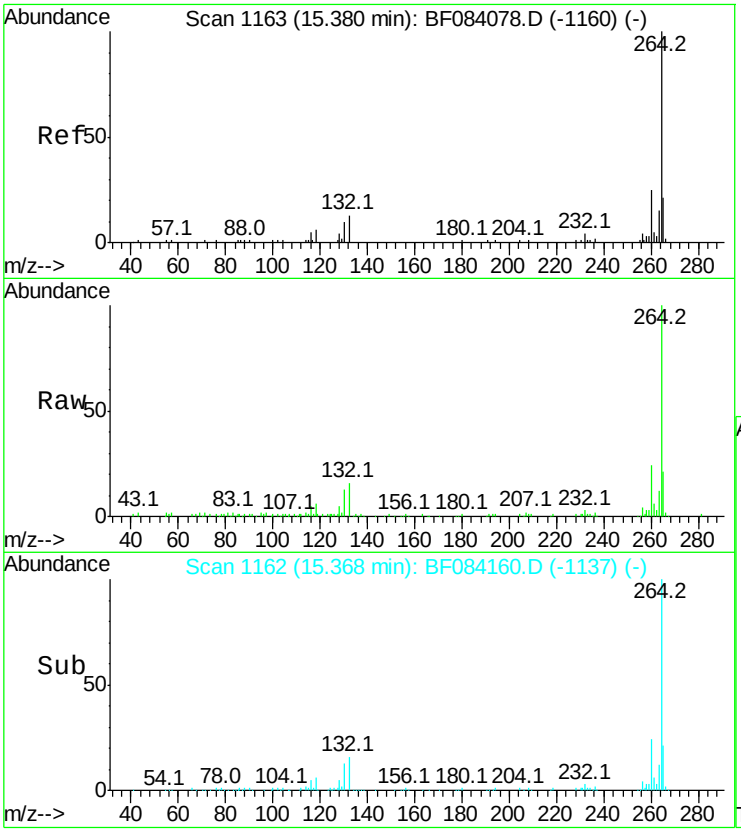


#78
Terphenyl-d14
Concen: 3.24 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Tgt Ion:244 Resp: 17293

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.7	8.5
122	8.9	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF084160.D
Acq: 28 Dec 2015 17:22

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:264 Resp: 104356

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	20.8	17.8	26.6