Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090029.D
Acq On : 8 Sep 2016 17:26
Operator : UM/SJ
Sample : H4704-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-7.0-8.0

Quant Time: Sep 09 05:00:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	196982	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	823761	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	415877	20.00	ng		0.00
63) Phenanthrene-d10	11.10	188	724444	20.00	ng		-0.01
75) Chrysene-d12	13.71	240	513956	20.00	ng		-0.01
86) Perylene-d12	15.05	264	458033	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1659505	134.85	ng		0.02
7) Phenol-d6	6.25	99	1915396	128.09	ng		0.00
23) Nitrobenzene-d5	7.16	82	1236480	87.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	516742	125.94	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	2291810	90.46	ng		0.00
78) Terphenyl-d14	12.68	244	1705397	81.97	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.26	94	41447	2.38	ng		91
49) Dimethylphthalate	9.37	163	1072717	35.69	ng	#	98

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

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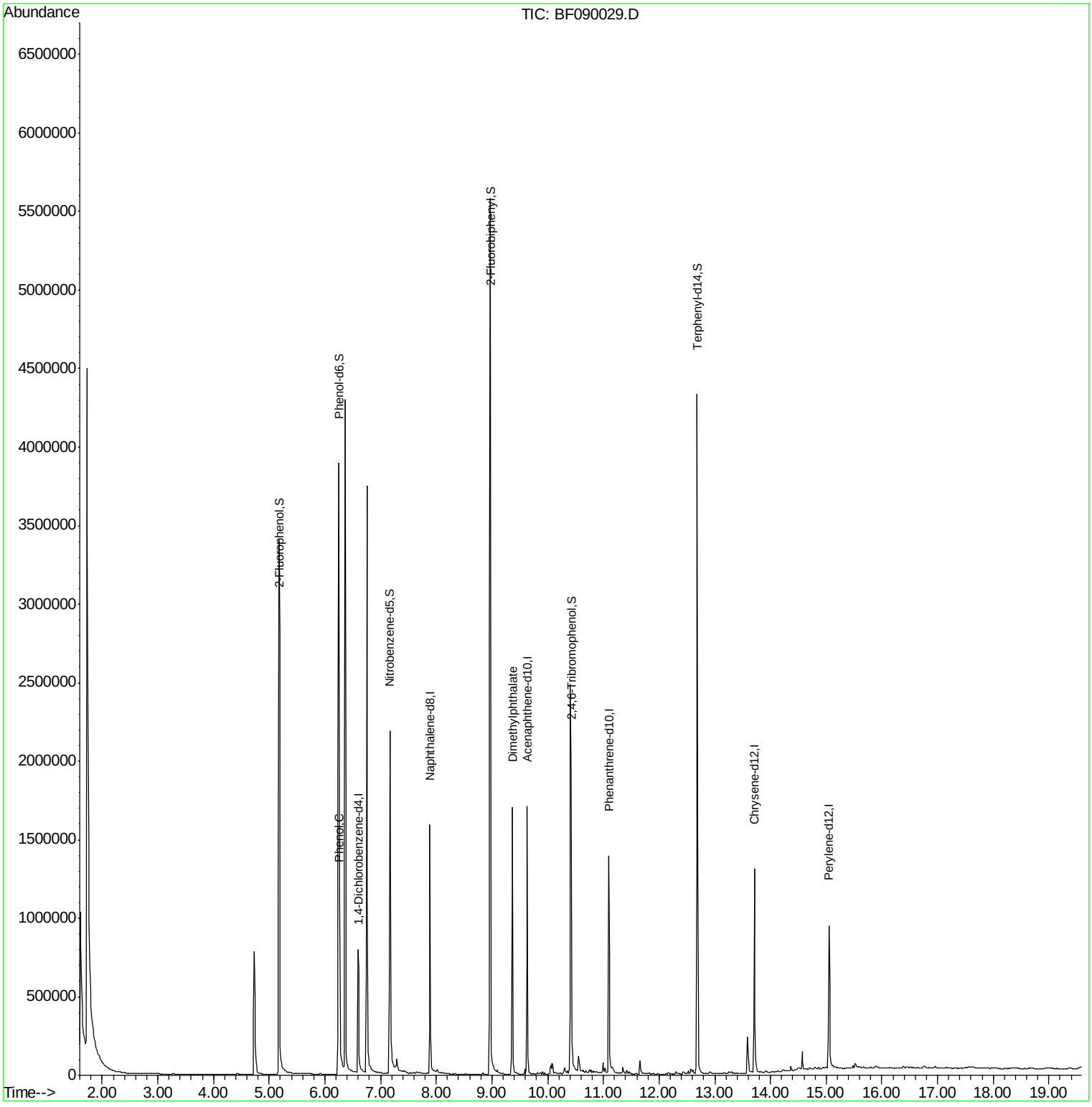
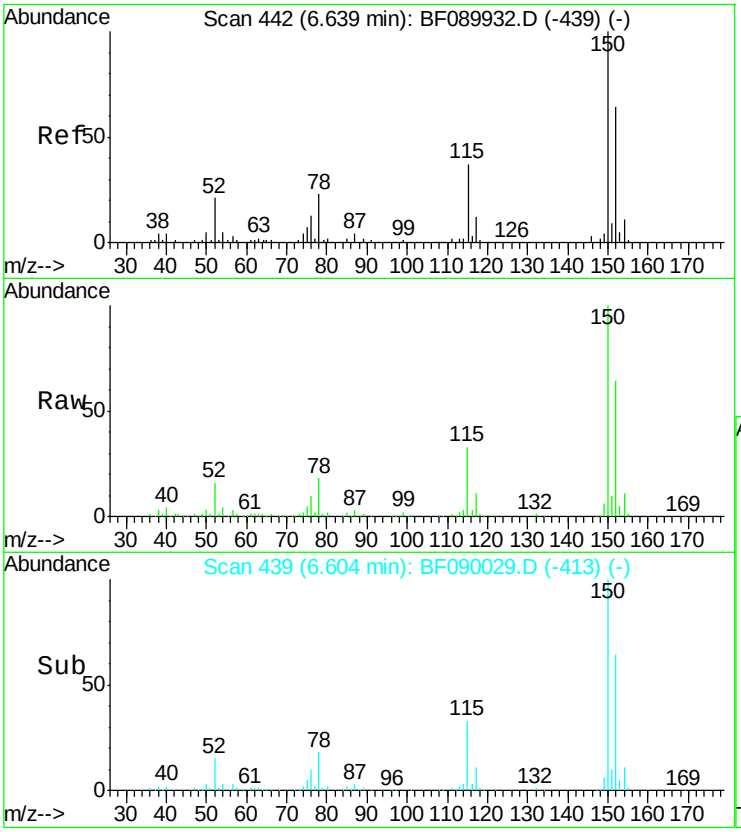


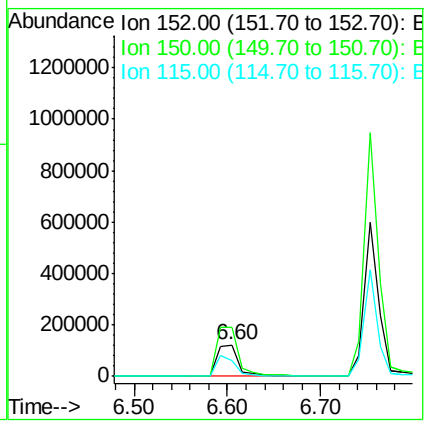


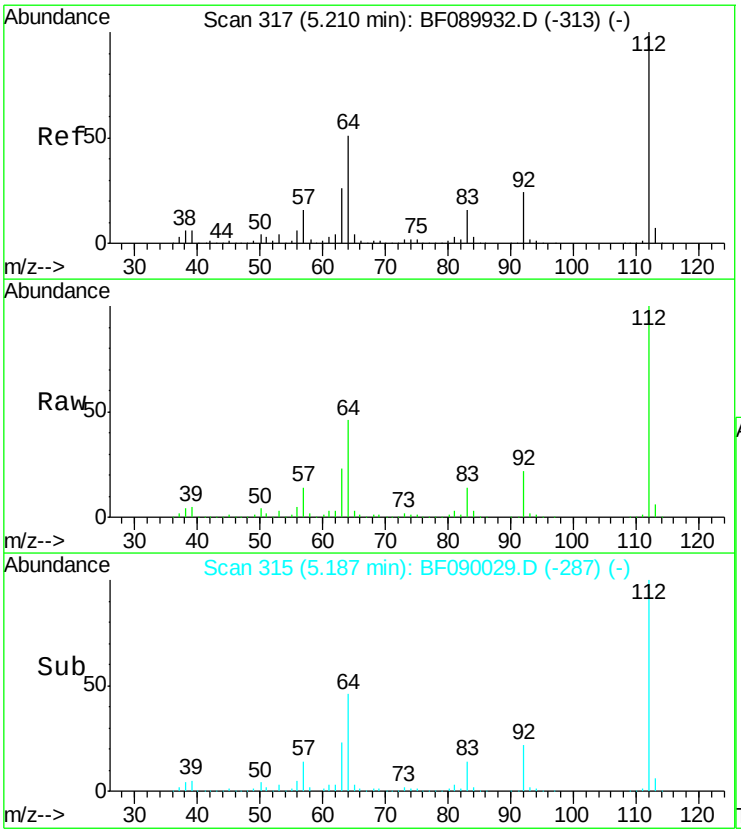
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SB-2-7.0-8.0

Tgt Ion:152 Resp: 196982

Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.4	191.2
115	51.7	46.3	69.5

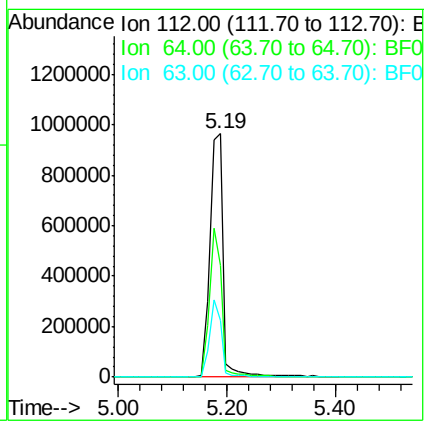


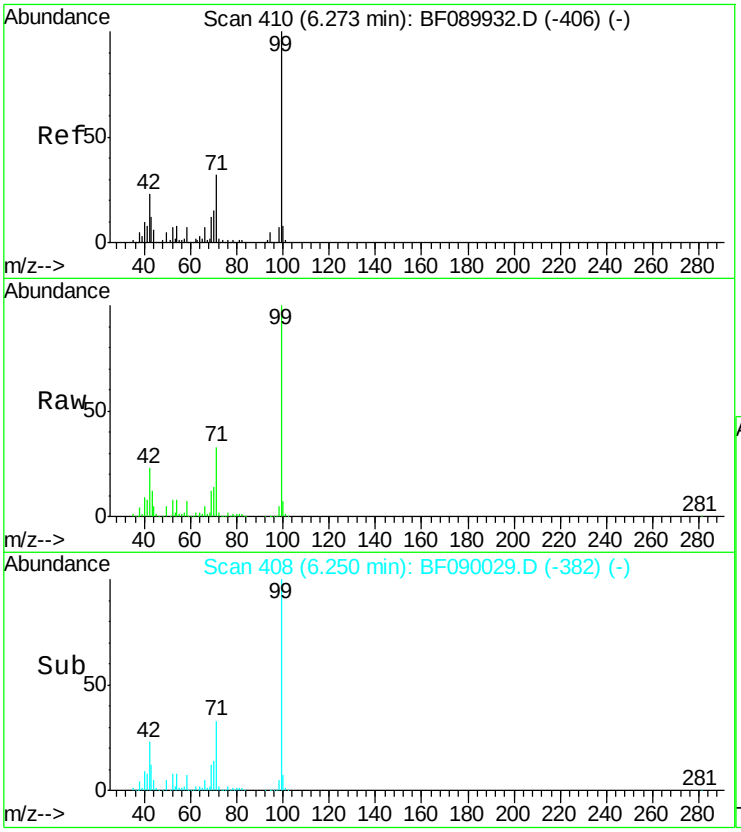


#5
2-Fluorophenol
Concen: 134.85 ng
RT: 5.19 min Scan# 315
Delta R.T. 0.02 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Tgt Ion:112 Resp: 1659505

Ion	Ratio	Lower	Upper
112	100		
64	45.8	41.1	61.7
63	23.4	21.2	31.8



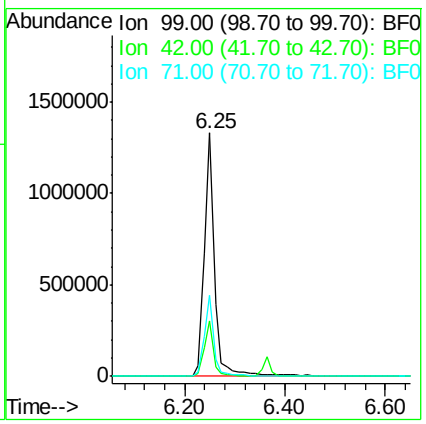


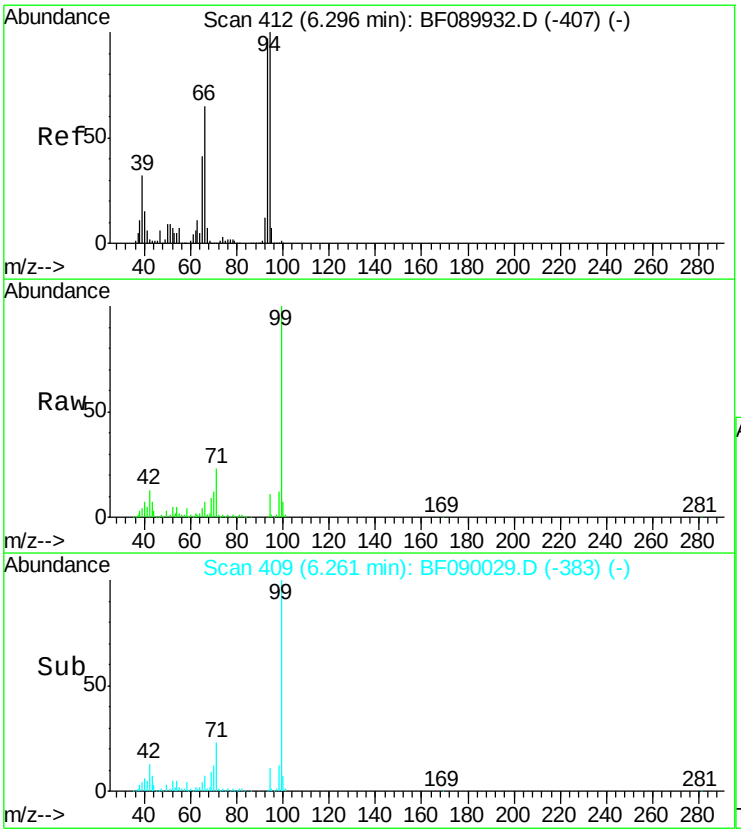
#7
Phenol-d6
Concen: 128.09 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SB-2-7.0-8.0

Tgt Ion: 99 Resp: 1915396

Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.6	27.8
71	33.2	25.8	38.6

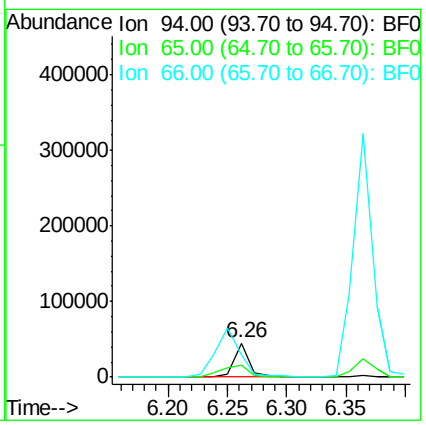


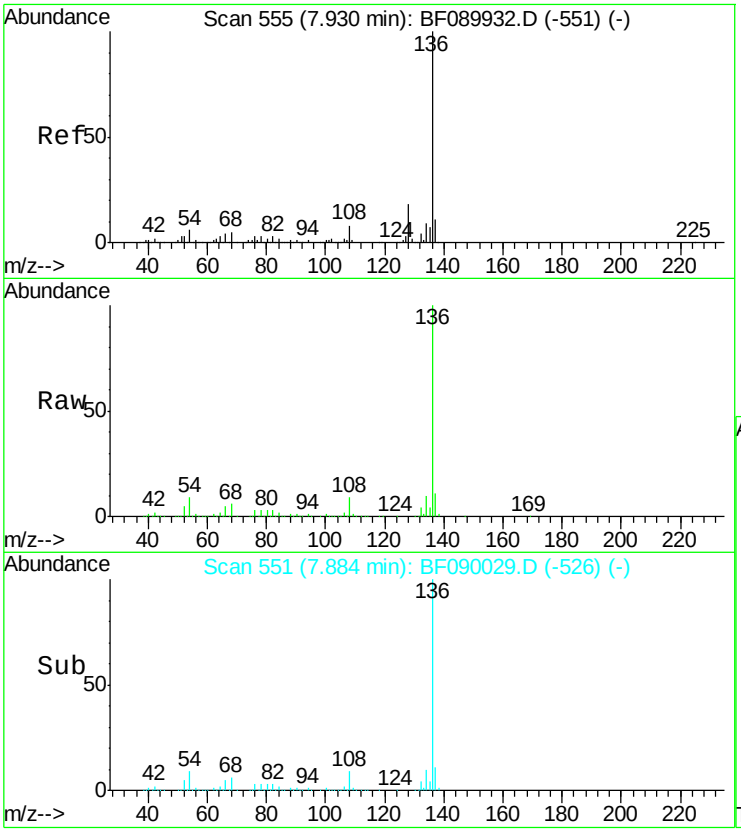


#10
Phenol
Concen: 2.38 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Tgt Ion: 94 Resp: 41447

Ion	Ratio	Lower	Upper
94	100		
65	35.2	23.2	63.2
66	64.0	49.2	89.2



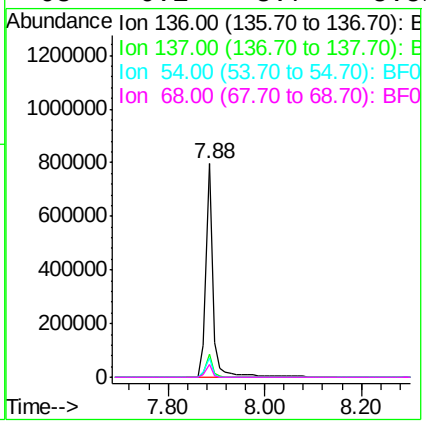


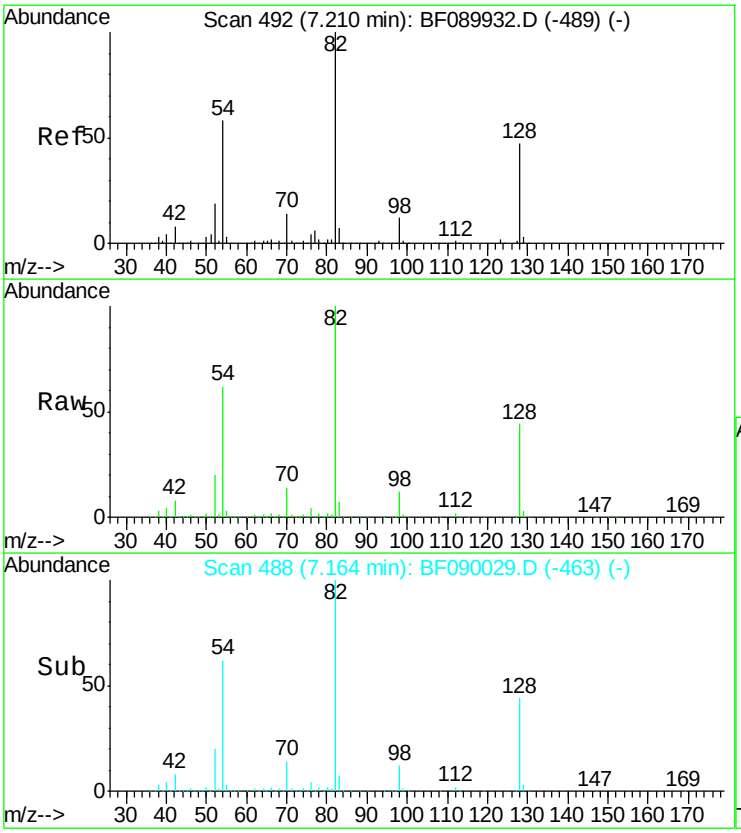
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SB-2-7.0-8.0

Tgt Ion:136 Resp: 823761

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.3	12.5
54	8.9	4.8	7.2#
68	6.1	3.7	5.5#

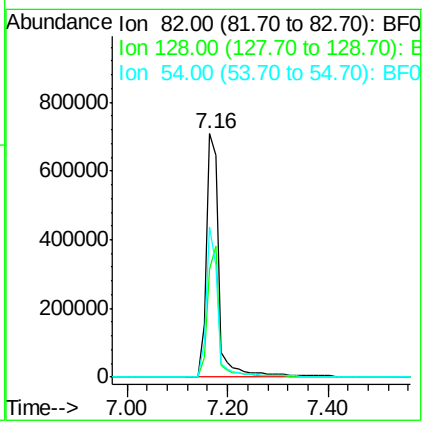


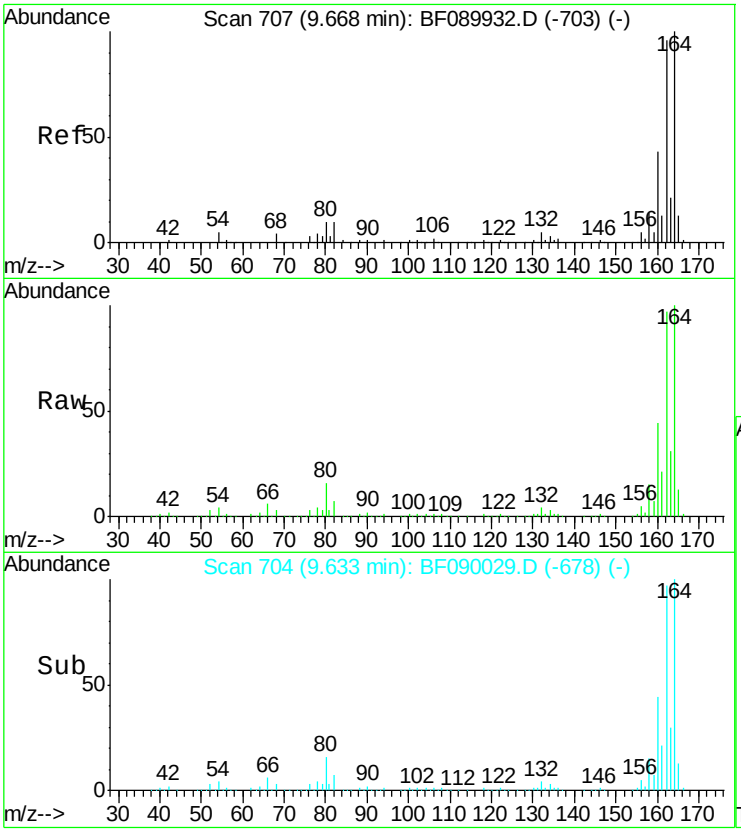


#23
Nitrobenzene-d5
Concen: 87.05 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Tgt Ion: 82 Resp: 1236480

Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.8	56.8
54	61.6	46.9	70.3



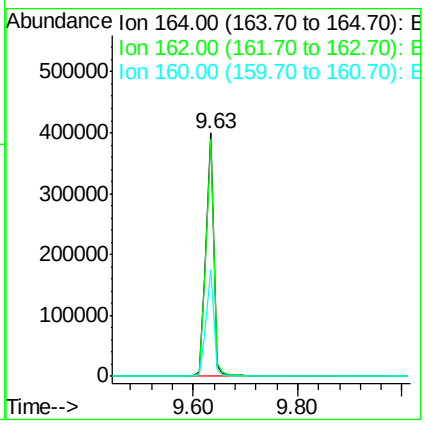


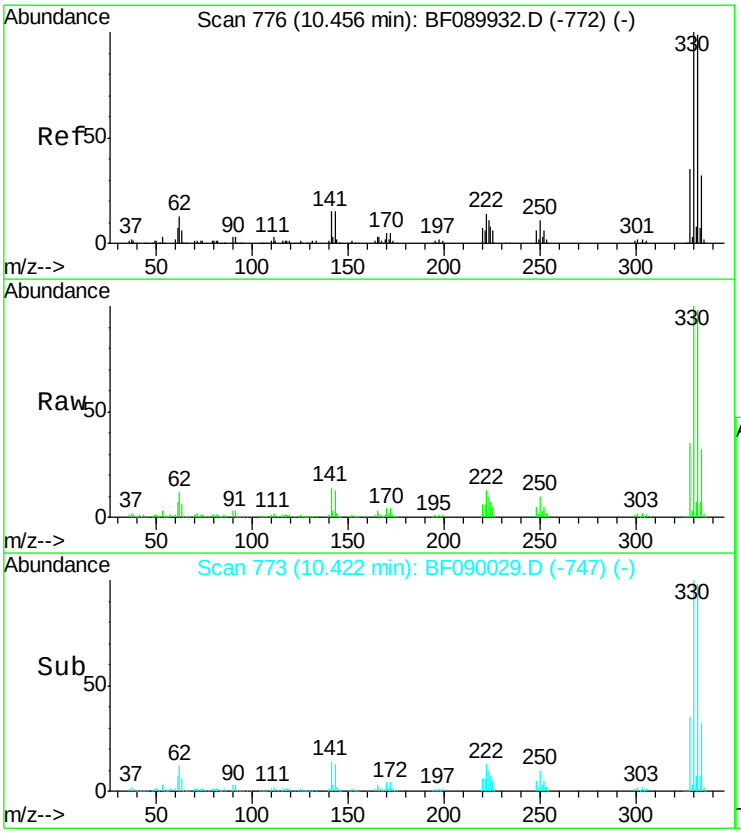
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SB-2-7.0-8.0

Tgt Ion:164 Resp: 415877

Ion	Ratio	Lower	Upper
164	100		
162	97.3	77.1	115.7
160	44.0	35.3	52.9

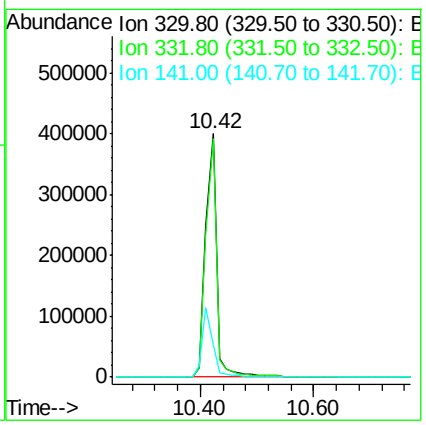


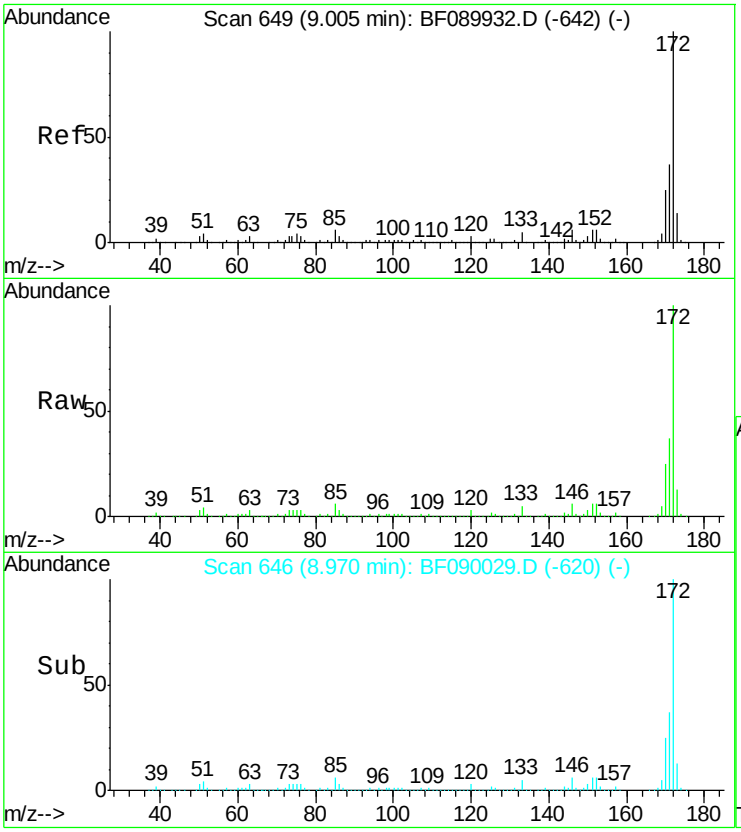


#41
2,4,6-Tribromophenol
Concen: 125.94 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Tgt Ion:330 Resp: 516742

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	117.8
141	27.7	23.3	34.9



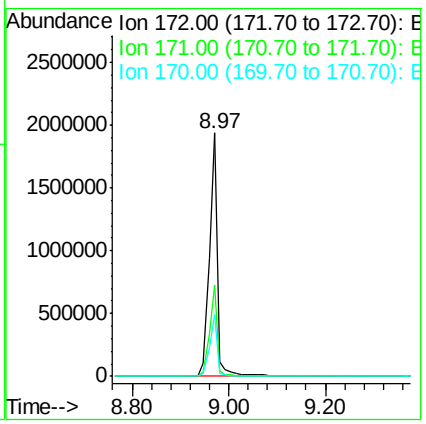


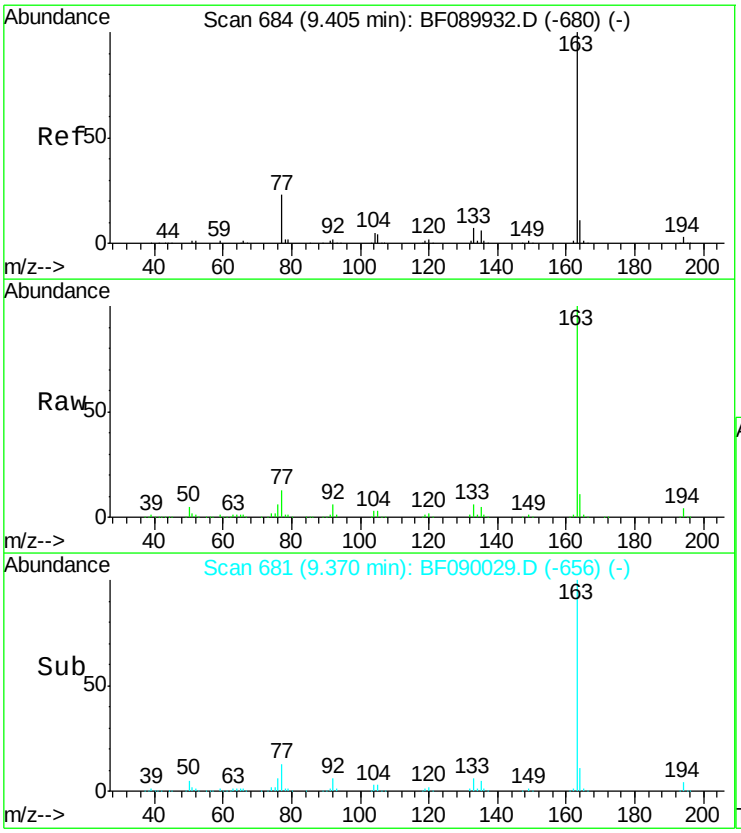
#44
2-Fluorobiphenyl
Concen: 90.46 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SB-2-7.0-8.0

Tgt Ion:172 Resp: 2291810

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.2
170	25.3	20.1	30.1

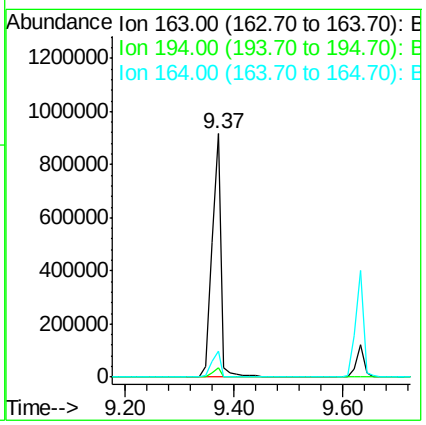


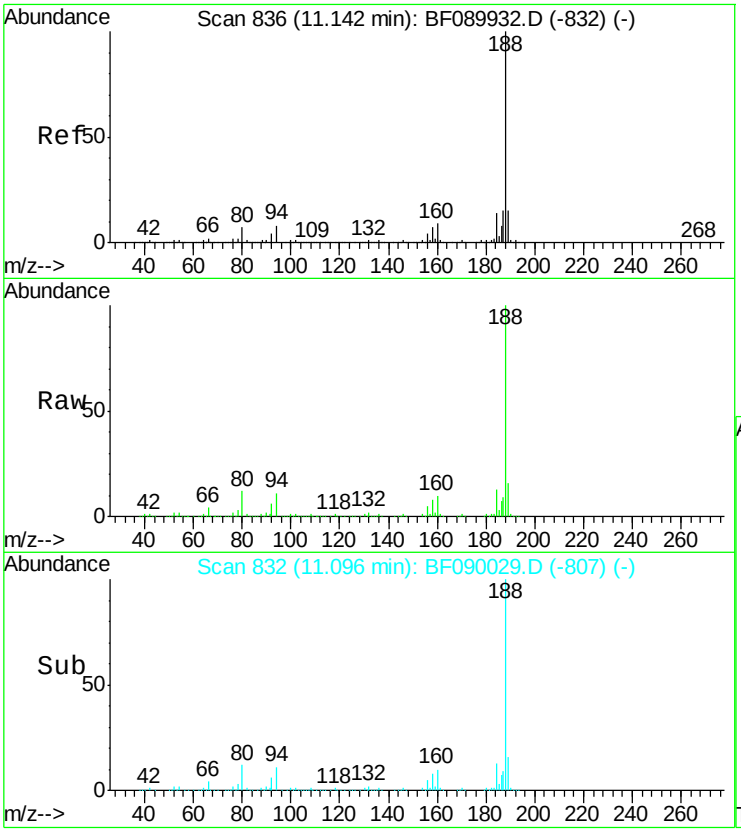


#49
Dimethylphthalate
Concen: 35.69 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Tgt Ion:163 Resp: 1072717

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.6	9.0	13.4



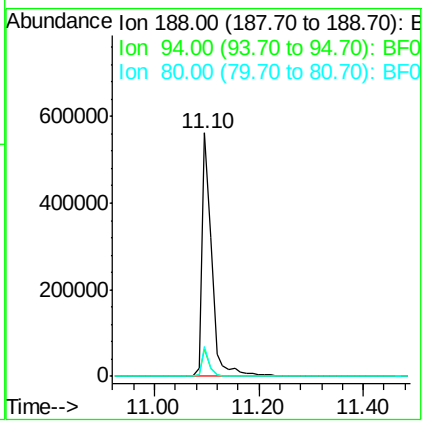


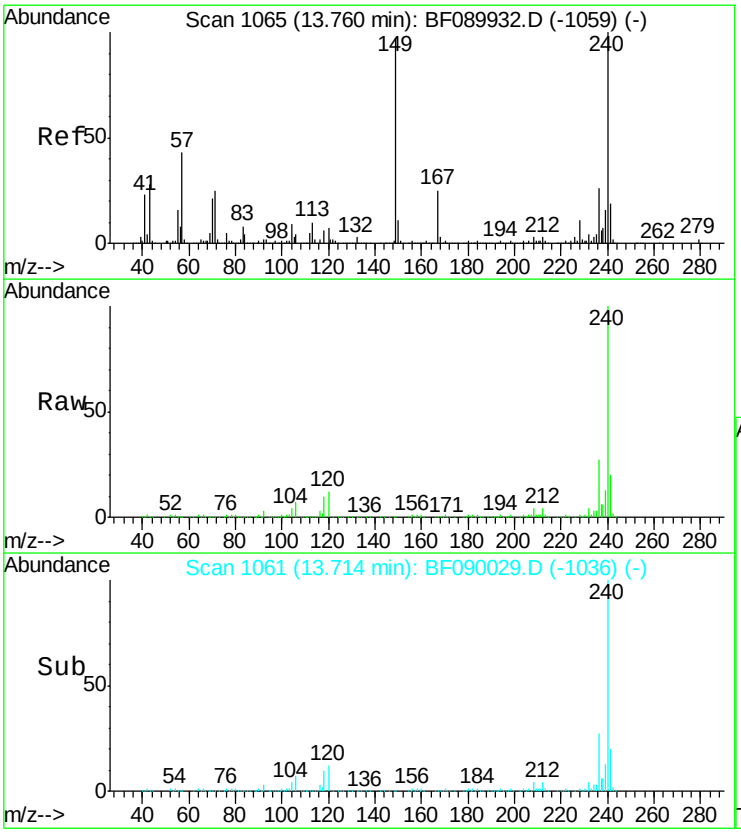
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SB-2-7.0-8.0

Tgt Ion:188 Resp: 724444

Ion	Ratio	Lower	Upper
188	100		
94	11.5	5.9	8.9#
80	12.2	5.8	8.8#

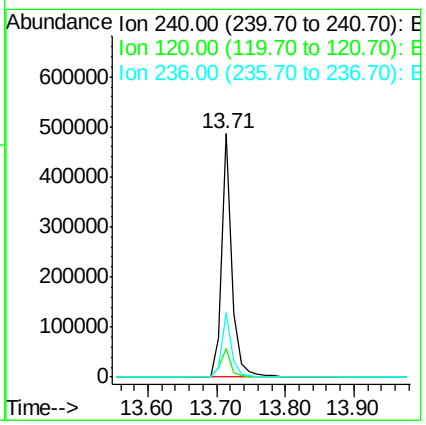


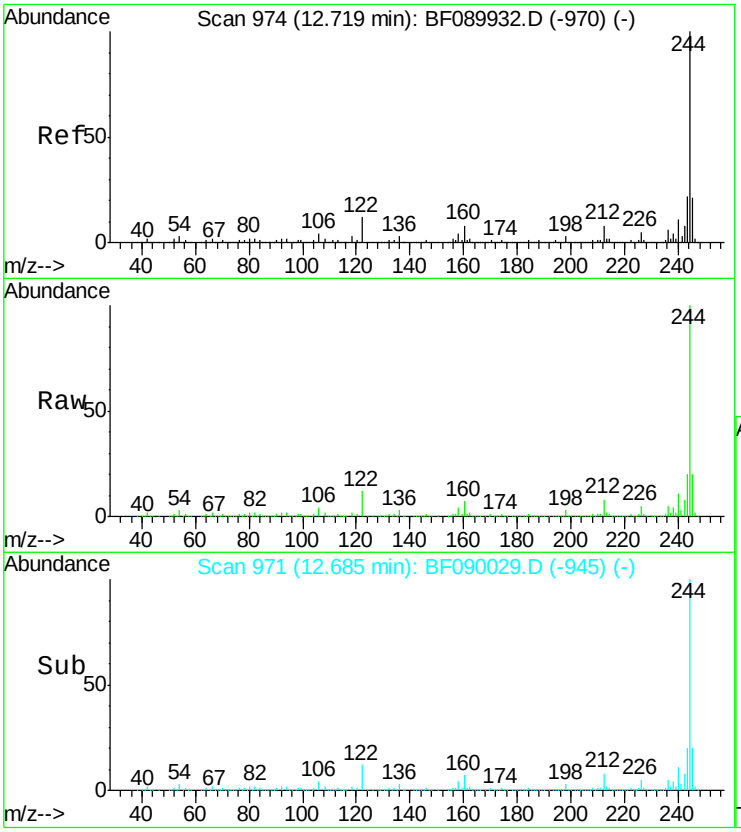


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Tgt Ion:240 Resp: 513956

Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.7	8.5#
236	26.5	21.3	31.9



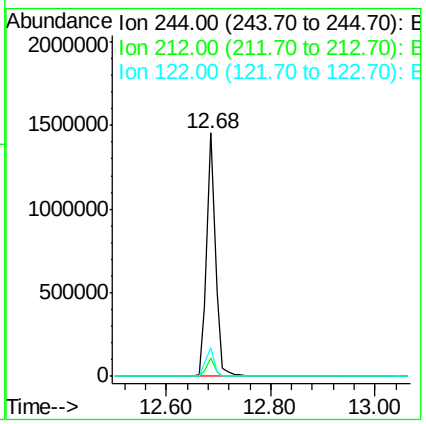


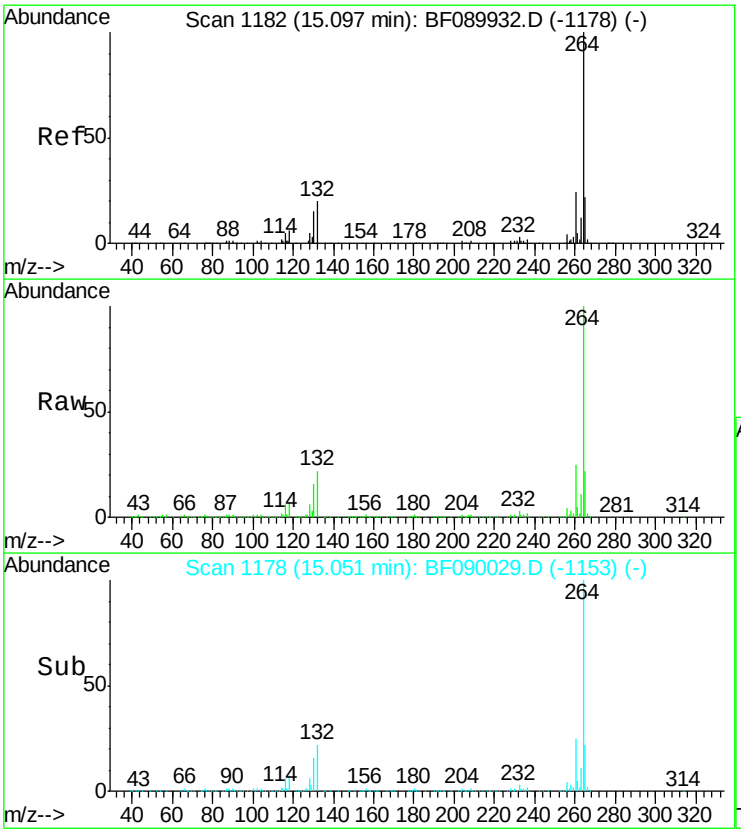
#78
Terphenyl-d14
Concen: 81.97 ng
RT: 12.68 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Instrument :
BNA_F
ClientSampleId :
SB-2-7.0-8.0

Tgt Ion:244 Resp: 1705397

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	12.0	9.6	14.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF090029.D
Acq: 8 Sep 2016 17:26

Tgt Ion:264 Resp: 458033

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.0	17.4	26.2