Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087056.D
Acq On : 15 May 2016 8:43
Operator : UM/SJ
Sample : H3053-05
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Time: May 16 07:12:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 05:03:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	147469	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	585409	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	296907	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	514406	20.00	ng		-0.01
75) Chrysene-d12	13.75	240	333782	20.00	ng		-0.01
86) Perylene-d12	15.11	264	334815	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	626654	71.96	ng		0.01
7) Phenol-d6	6.28	99	476599	40.95	ng		0.00
23) Nitrobenzene-d5	7.19	82	1005200	86.22	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	383698	122.07	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1733514	98.13	ng		0.00
78) Terphenyl-d14	12.71	244	1252781	79.63	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.92	128	506907	17.29	ng		97
35) Caprolactam	8.35	113	70483	26.21	ng	#	50
37) 2-Methylnaphthalene	8.62	142	233882	13.64	ng		98

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

Quantitation Report (LSC Reviewed)

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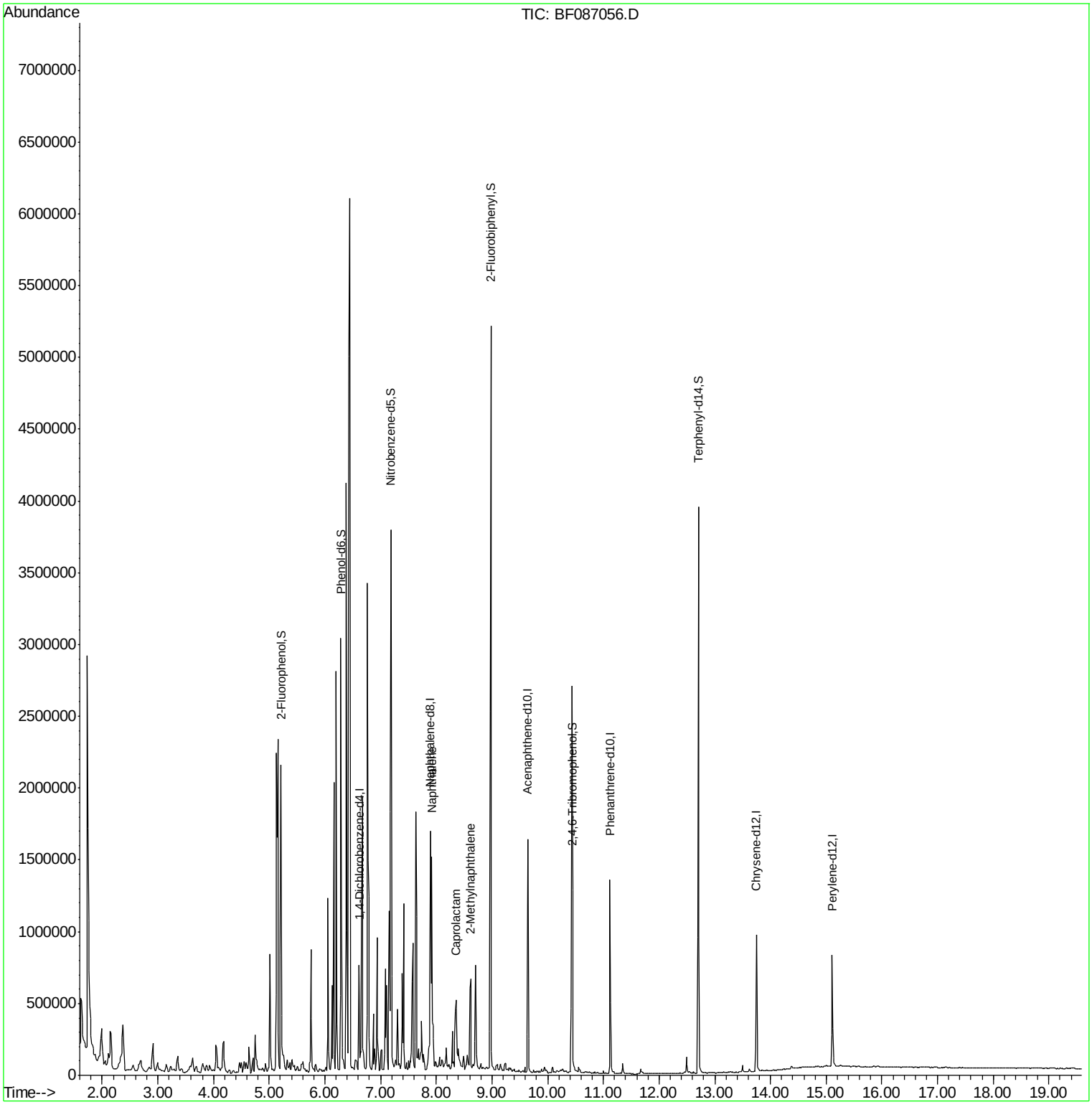
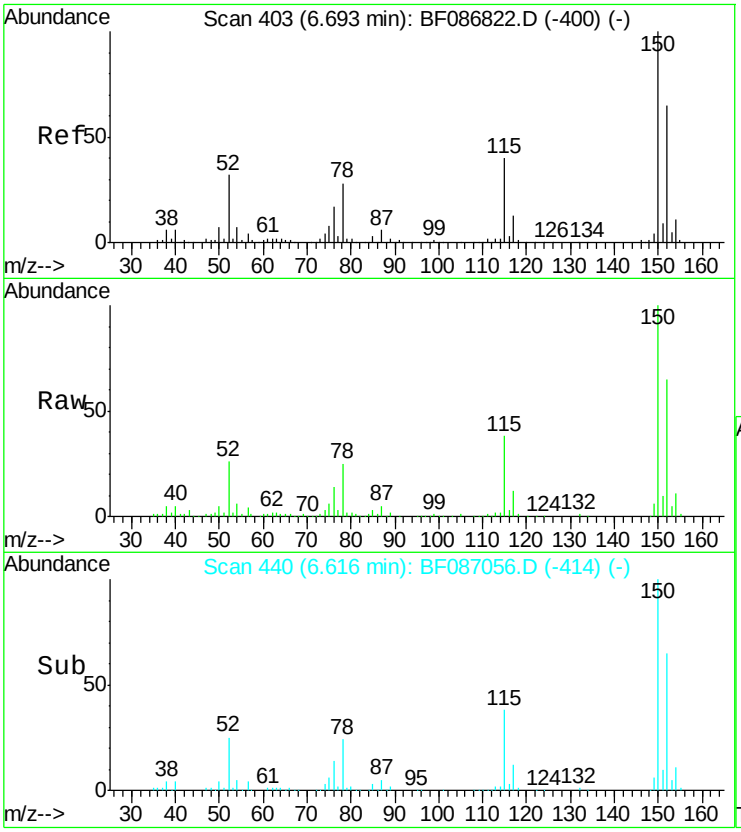


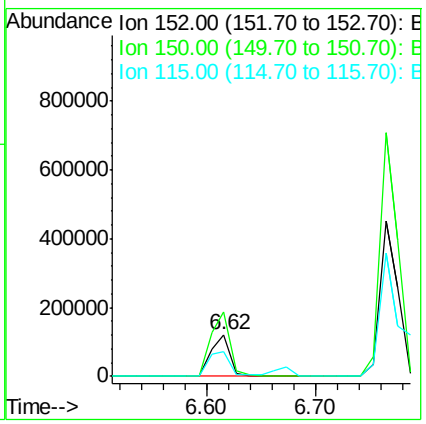


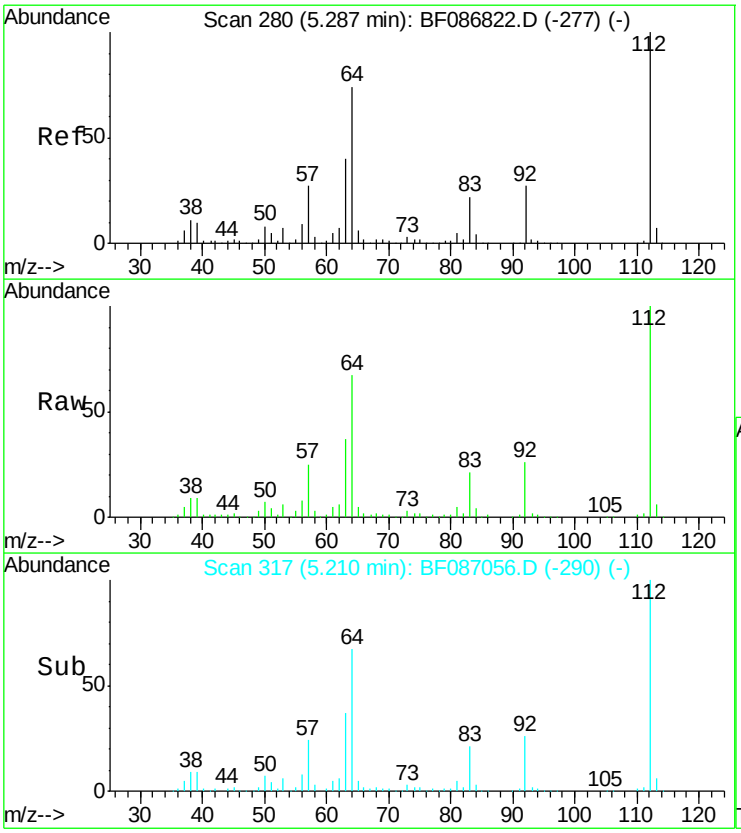
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:152 Resp: 147469

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.8	188.6
115	58.4	51.5	77.3

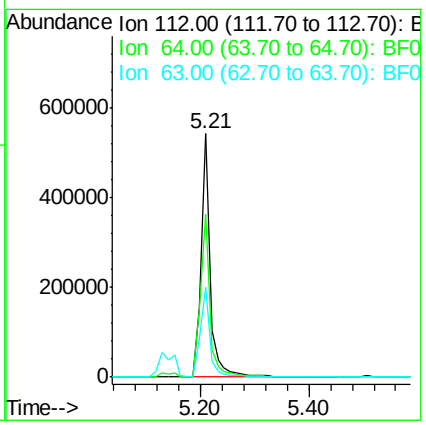


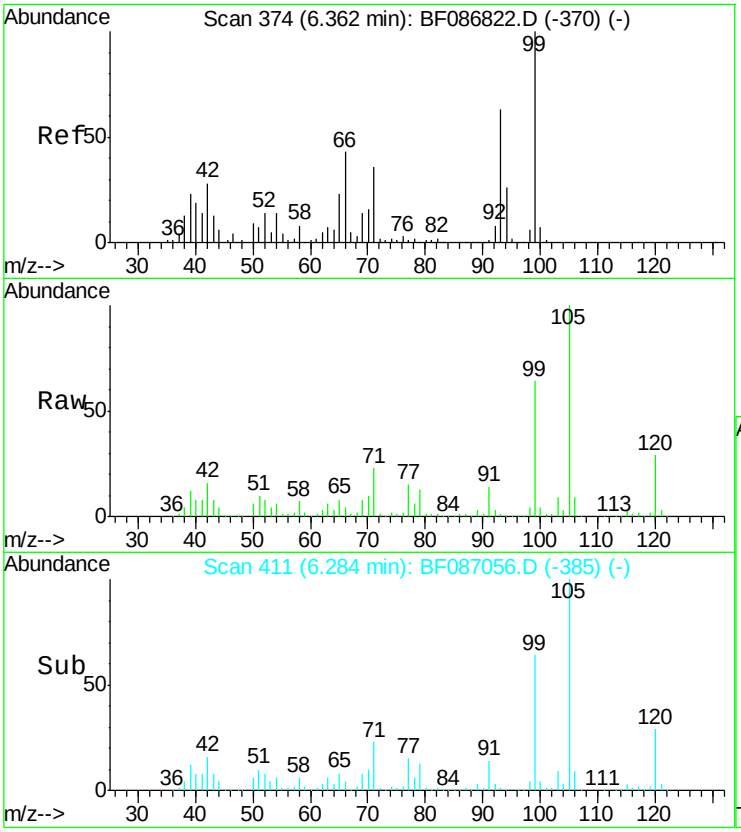


#5
2-Fluorophenol
Concen: 71.96 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:112 Resp: 626654

Ion	Ratio	Lower	Upper
112	100		
64	66.7	52.1	78.1
63	36.8	25.7	38.5



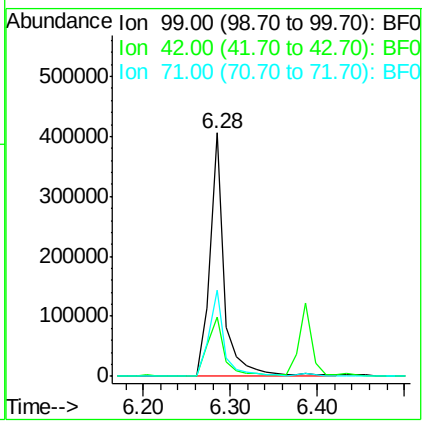


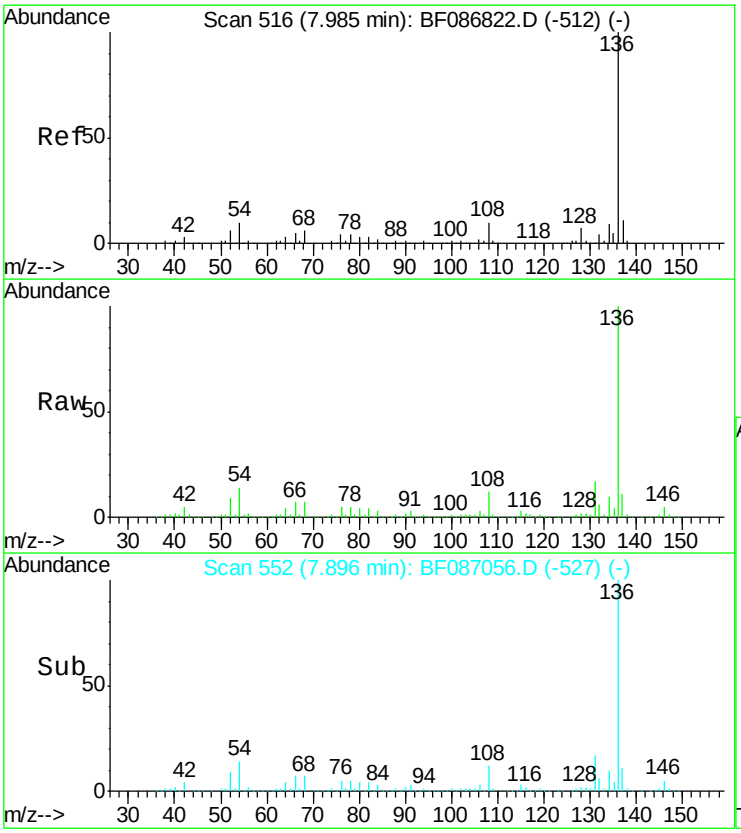
#7
Phenol-d6
Concen: 40.95 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion: 99 Resp: 476599

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.6	20.4#
71	35.4	24.6	36.8

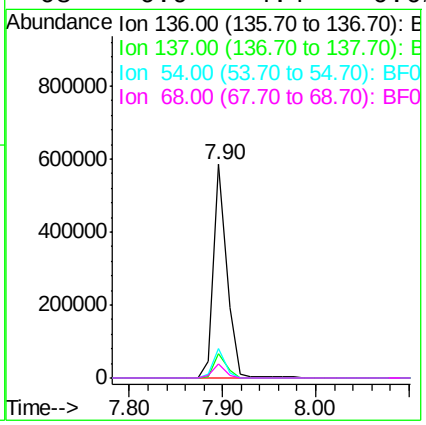


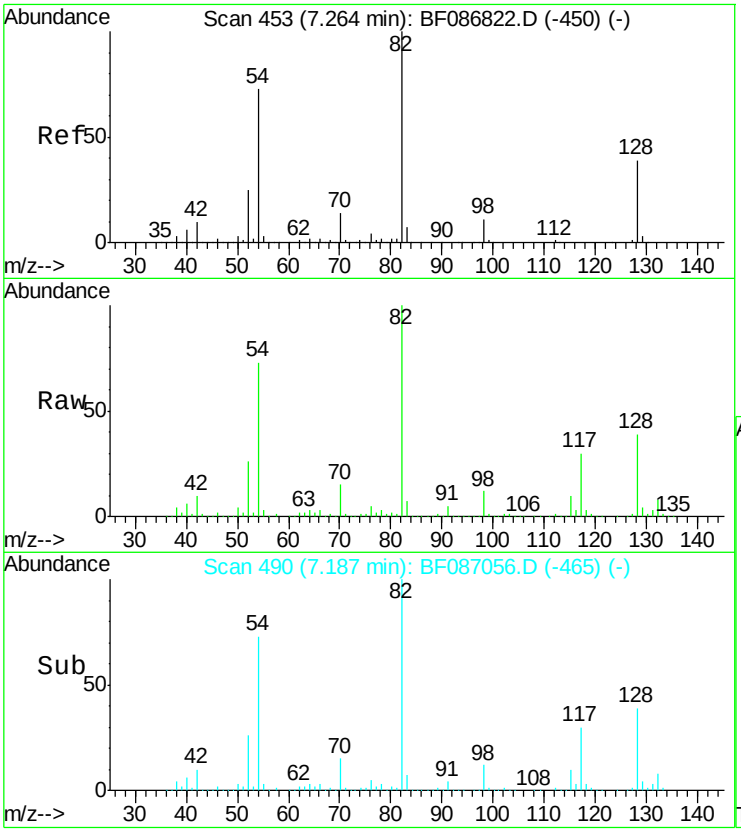


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:136 Resp: 585409

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	13.8	5.0	7.4#
68	6.9	4.4	6.6#



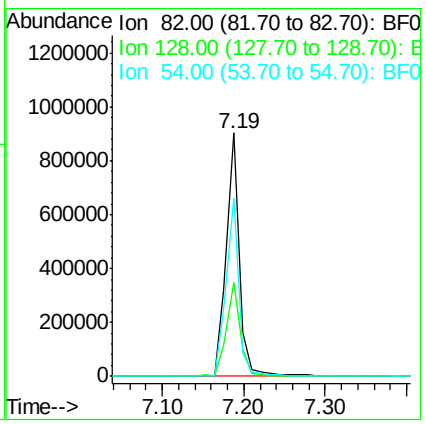


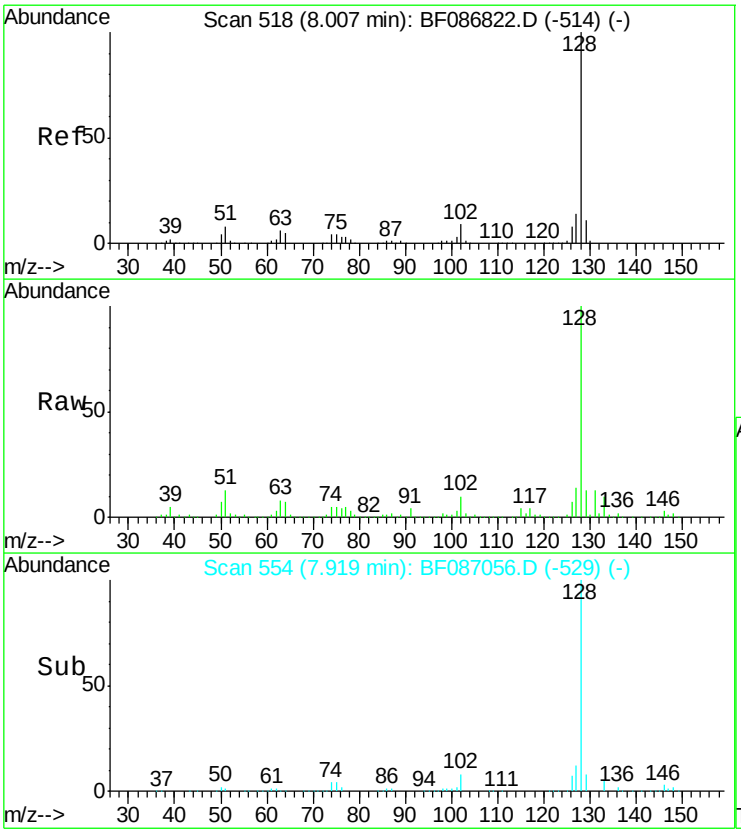
#23
Nitrobenzene-d5
Concen: 86.22 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion: 82 Resp: 1005200

Ion	Ratio	Lower	Upper
82	100		
128	38.6	40.6	61.0#
54	73.3	38.1	57.1#

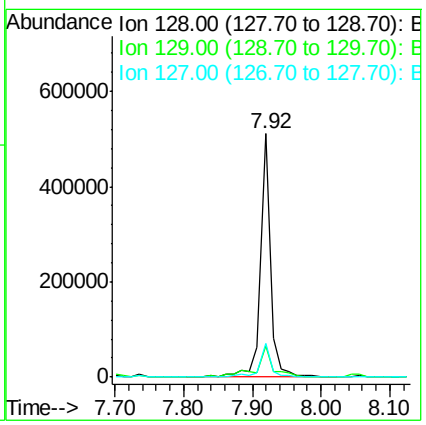


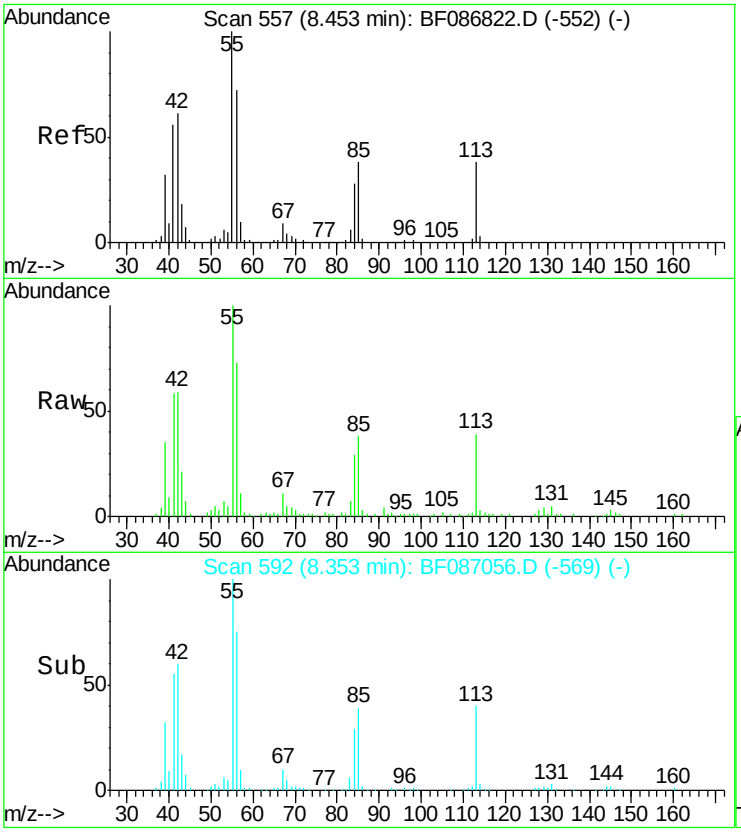


#31
Naphthalene
Concen: 17.29 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:128 Resp: 506907

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.6	13.0
127	13.7	10.8	16.2



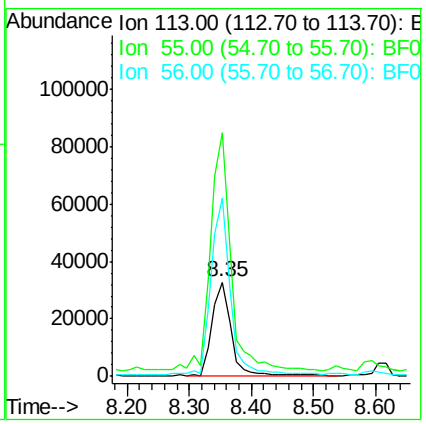


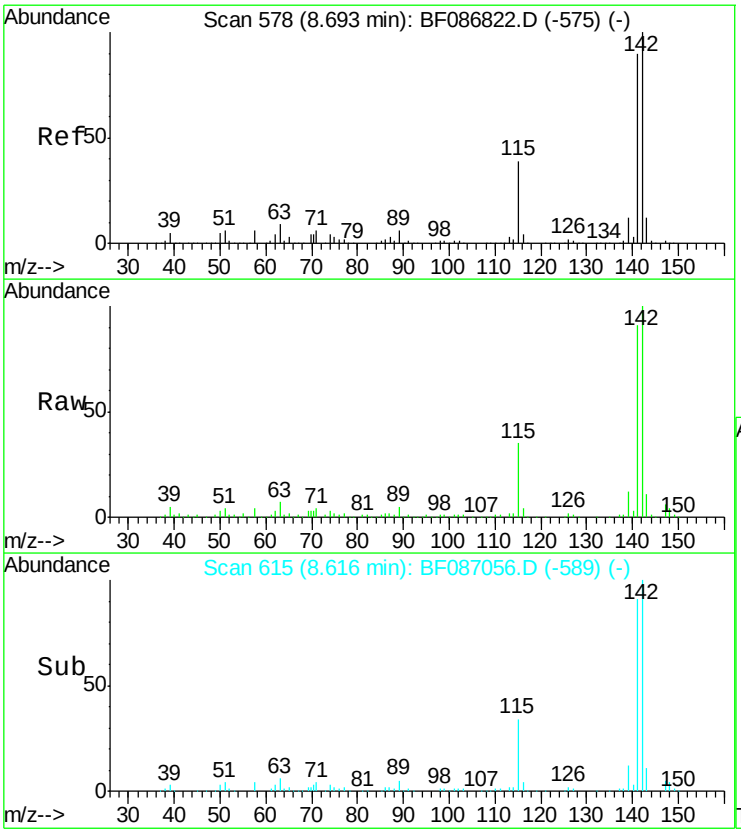
#35
Caprolactam
Concen: 26.21 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:113 Resp: 70483

Ion	Ratio	Lower	Upper
113	100		
55	258.0	162.0	202.0#
56	188.6	115.3	155.3#

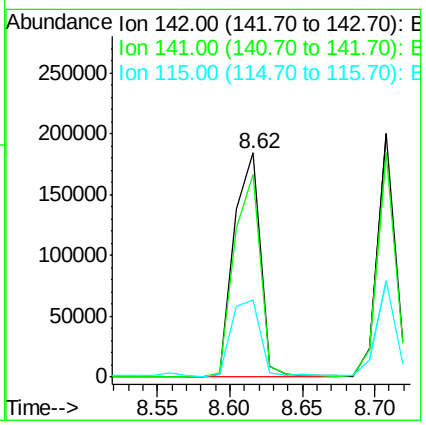


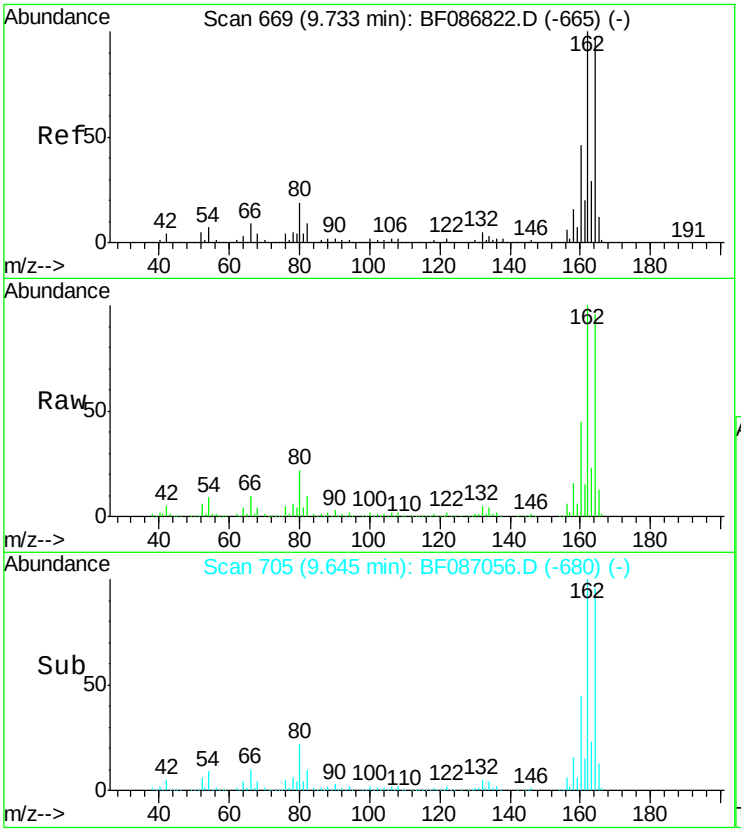


#37
2-Methylnaphthalene
Concen: 13.64 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:142 Resp: 233882

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.0	106.6
115	34.6	26.6	39.8



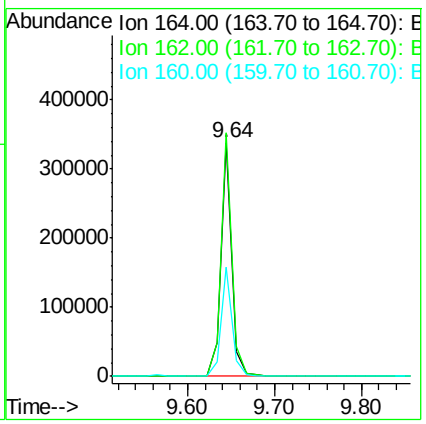


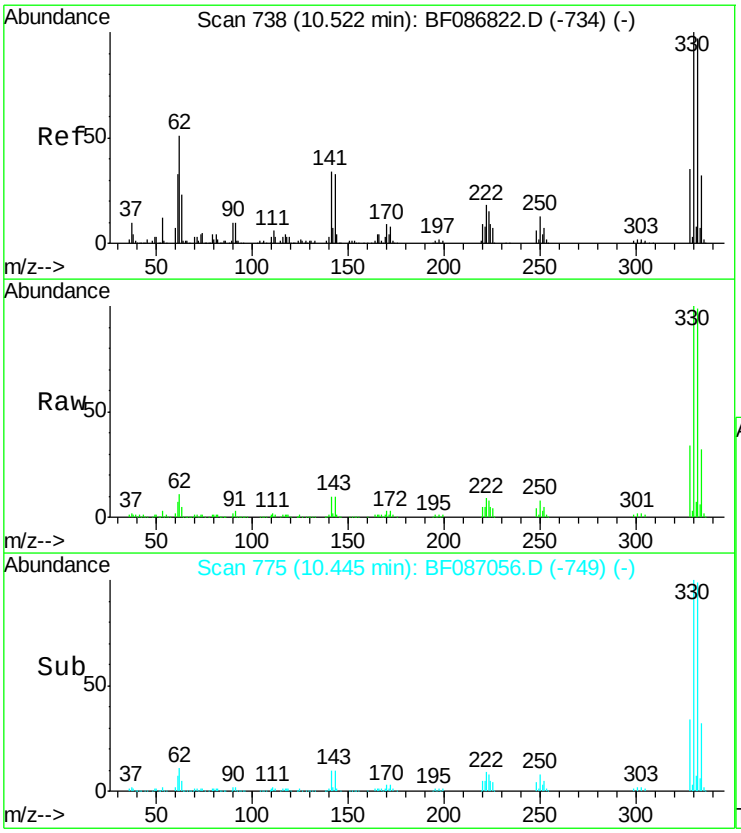
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:164 Resp: 296907

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.8	124.2
160	47.0	36.9	55.3

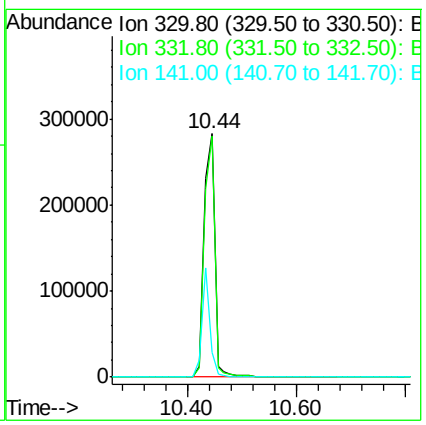


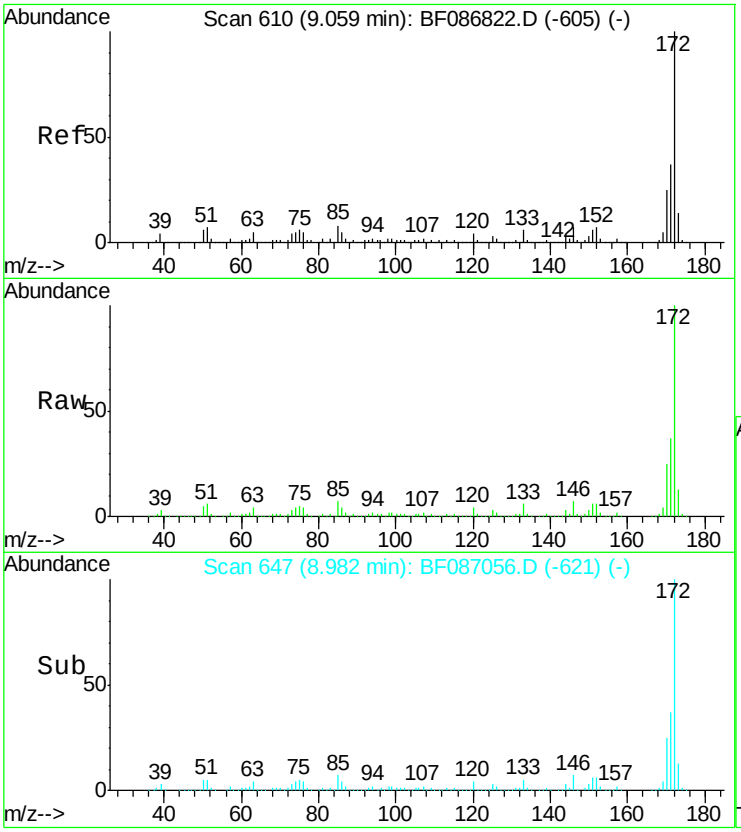


#41
2,4,6-Tribromophenol
Concen: 122.07 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:330 Resp: 383698

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	33.7	31.2	46.8



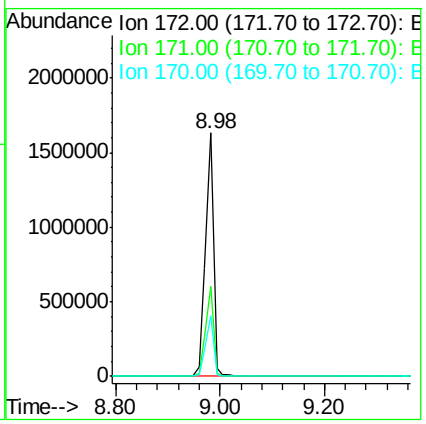


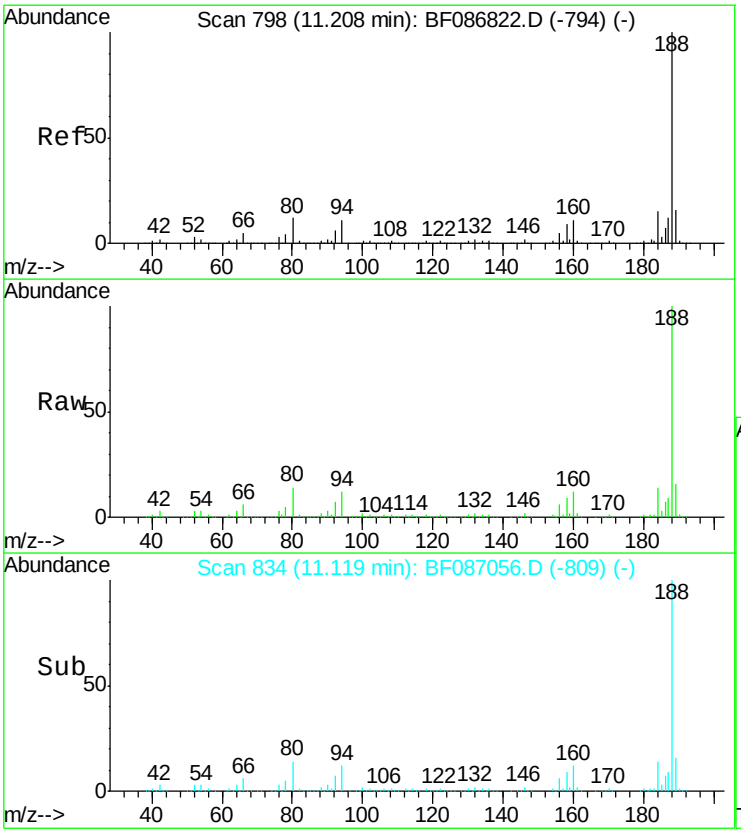
#44
2-Fluorobiphenyl
Concen: 98.13 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:172 Resp: 1733514

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.8	19.8	29.8

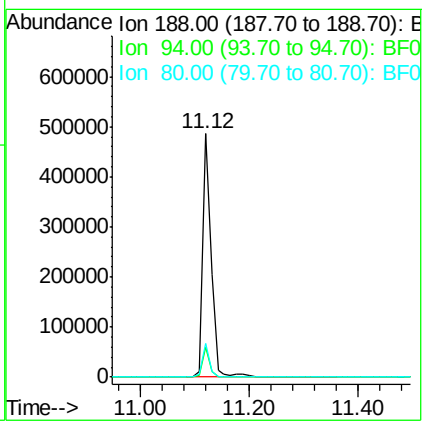


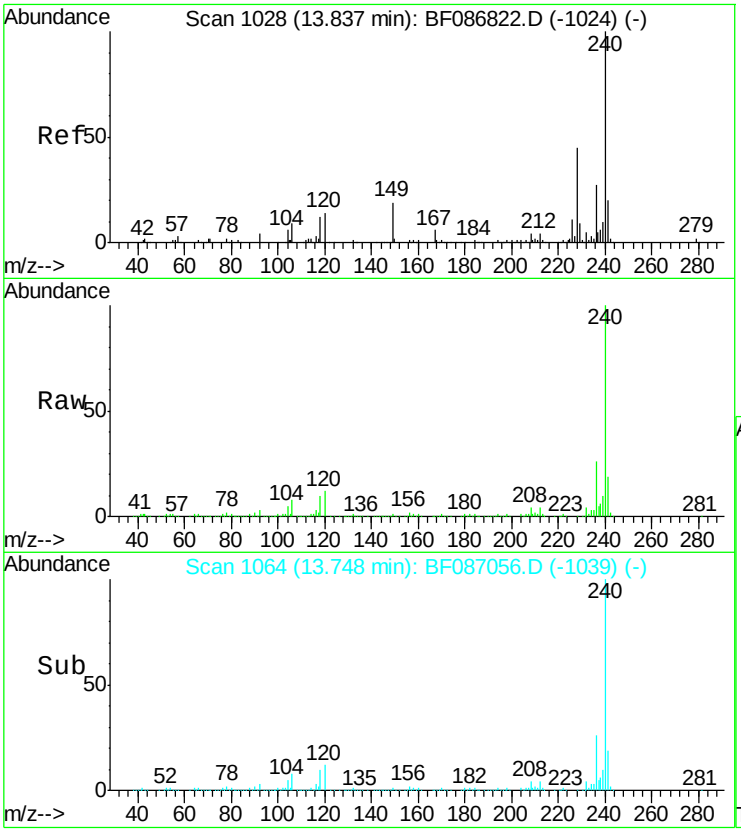


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:188 Resp: 514406

Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.8	10.2#
80	14.0	7.1	10.7#



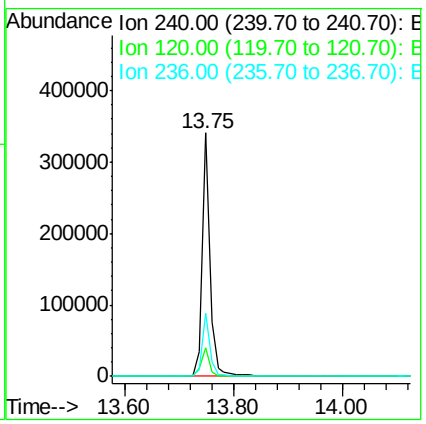


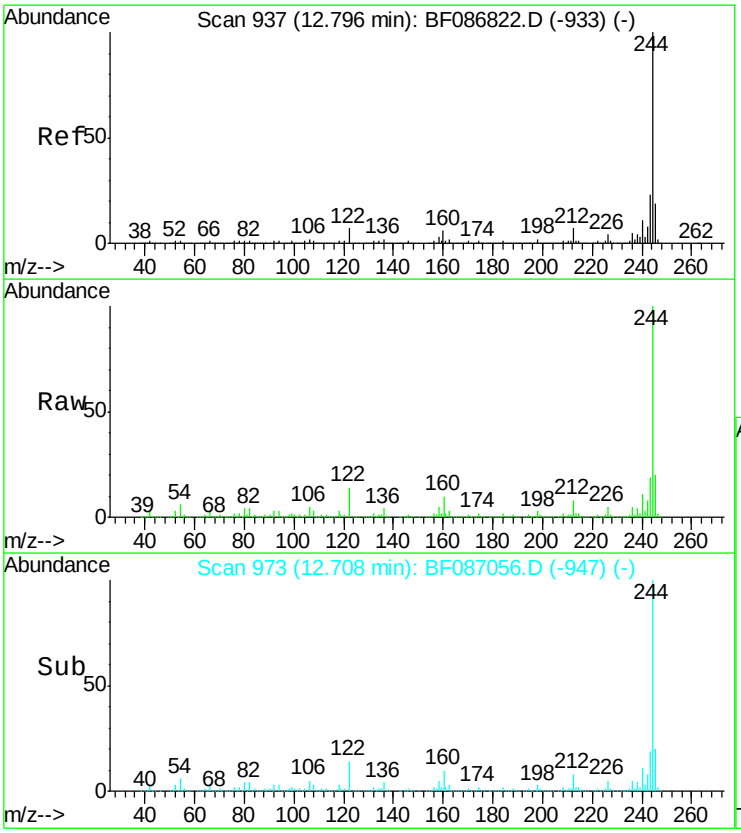
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:240 Resp: 333782

Ion	Ratio	Lower	Upper
240	100		
120	11.5	11.2	16.8
236	26.0	21.2	31.8

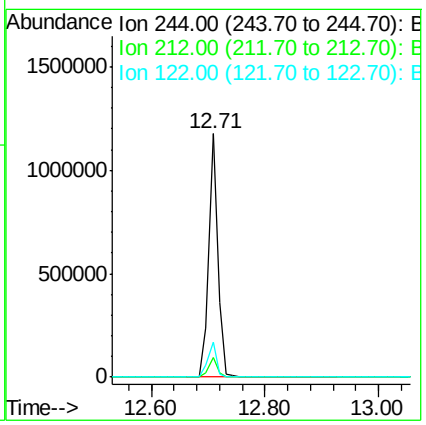


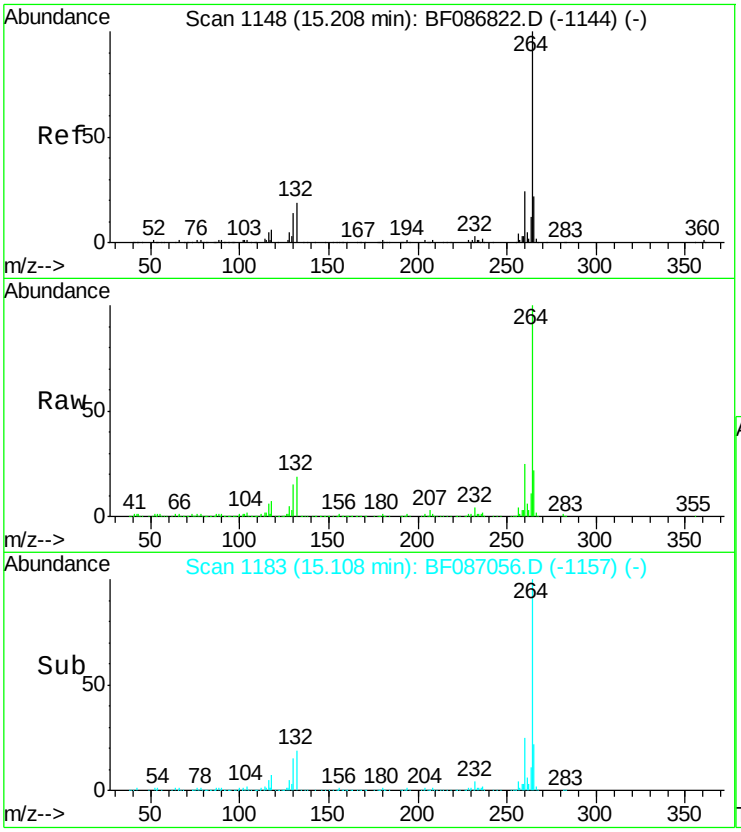


#78
Terphenyl-d14
Concen: 79.63 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Tgt Ion:244 Resp: 1252781

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.1	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087056.D
Acq: 15 May 2016 8:43

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:264 Resp: 334815

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.2	17.3	25.9