Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086736.D
Acq On : 6 May 2016 21:01
Operator : UM/SJ
Sample : H2802-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP

Quant Time: May 07 03:59:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 03:18:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	168594	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	702960	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	326562	40.00	ng		0.00
63) Phenanthrene-d10	11.22	188	540331	40.00	ng		-0.01
75) Chrysene-d12	13.85	240	434848	40.00	ng		-0.01
86) Perylene-d12	15.23	264	323173	40.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	579832	56.94	ng		-0.01
7) Phenol-d6	6.37	99	465698	33.95	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1233437	90.17	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	450239	140.94	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	1821849	91.45	ng		-0.01
78) Terphenyl-d14	12.81	244	1335382	62.06	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.26	77	37170	5.43	ng		95
22) Acetophenone	7.13	105	41621	2.54	ng	#	87
32) Benzoic acid	7.80	122	40679	16.18	ng	#	77

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

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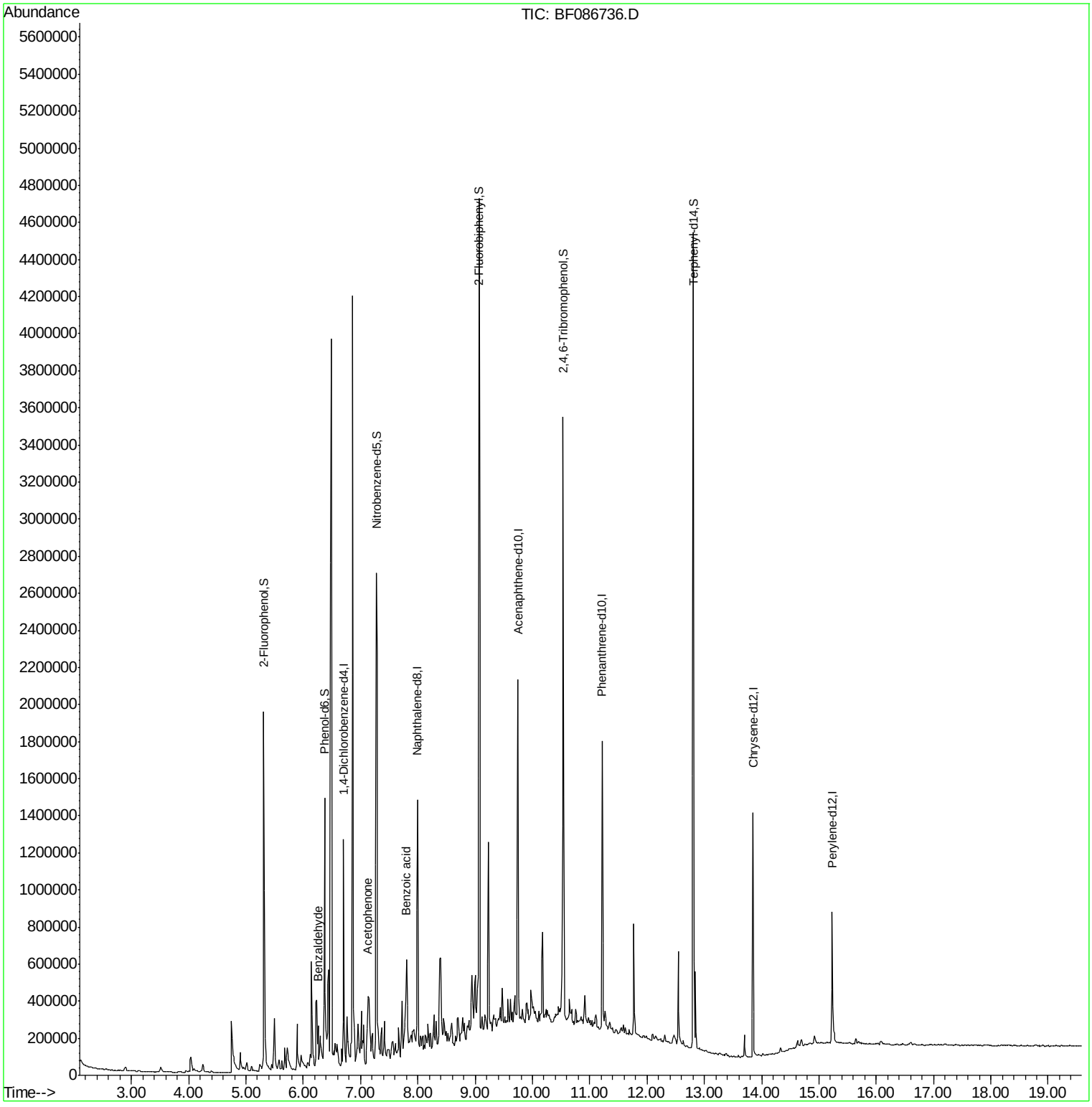
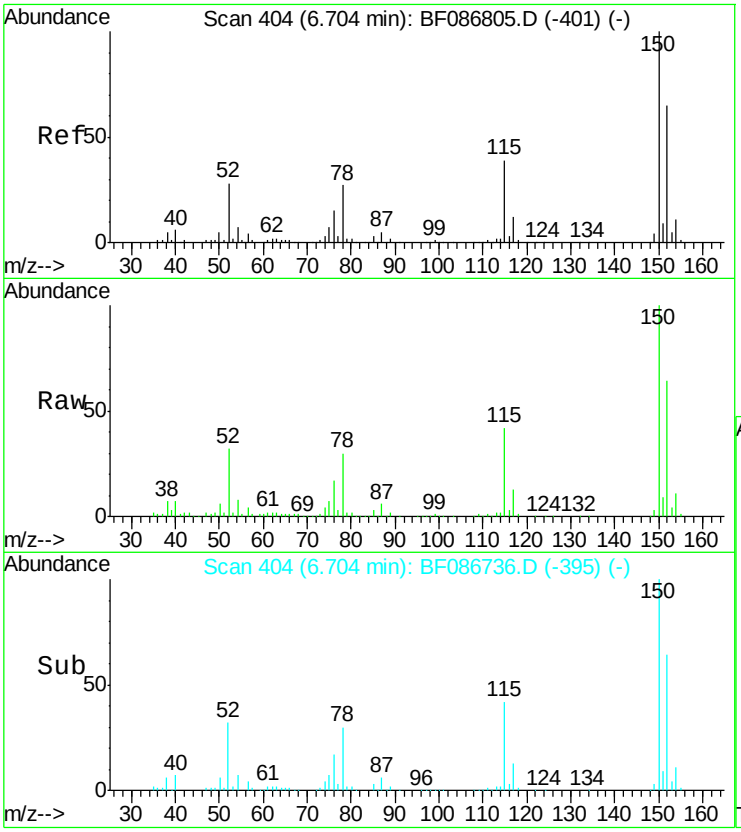


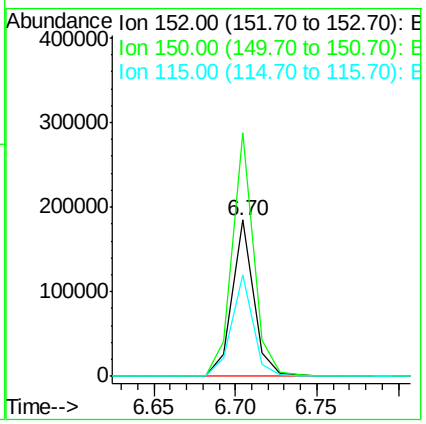


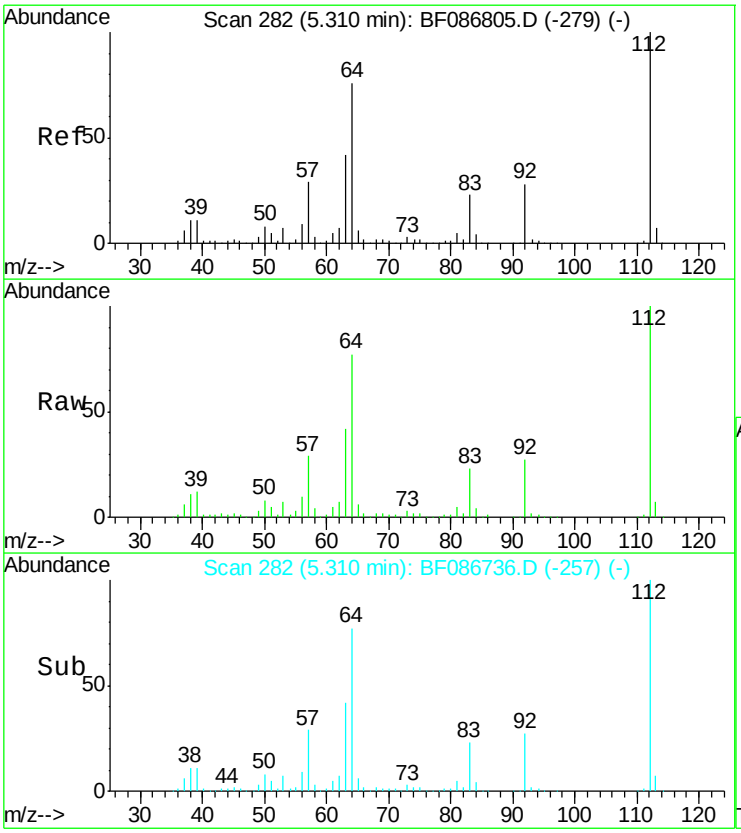
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion:152 Resp: 168594

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.8	188.6
115	64.8	51.5	77.3

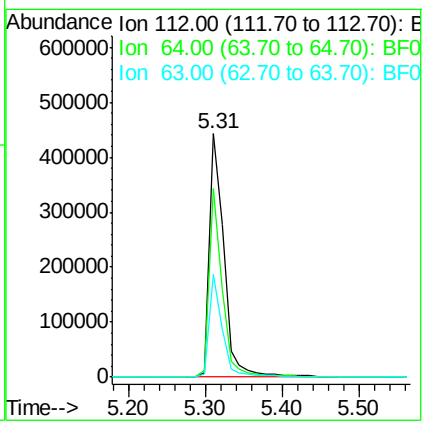


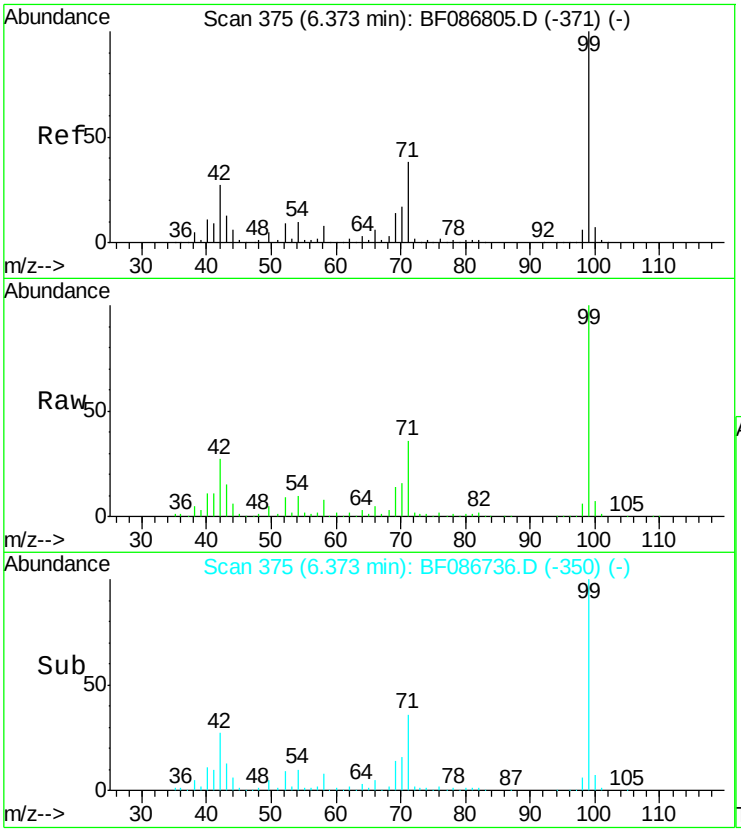


#5
2-Fluorophenol
Concen: 56.94 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Tgt Ion:112 Resp: 579832

Ion	Ratio	Lower	Upper
112	100		
64	77.2	52.1	78.1
63	42.3	25.7	38.5#



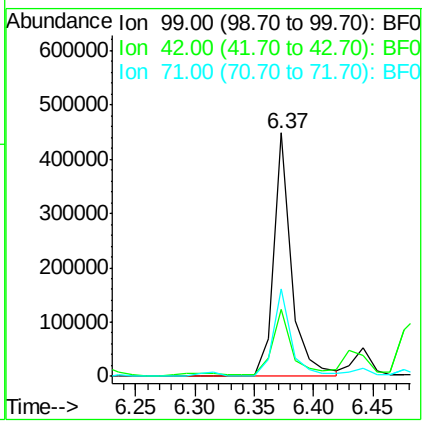


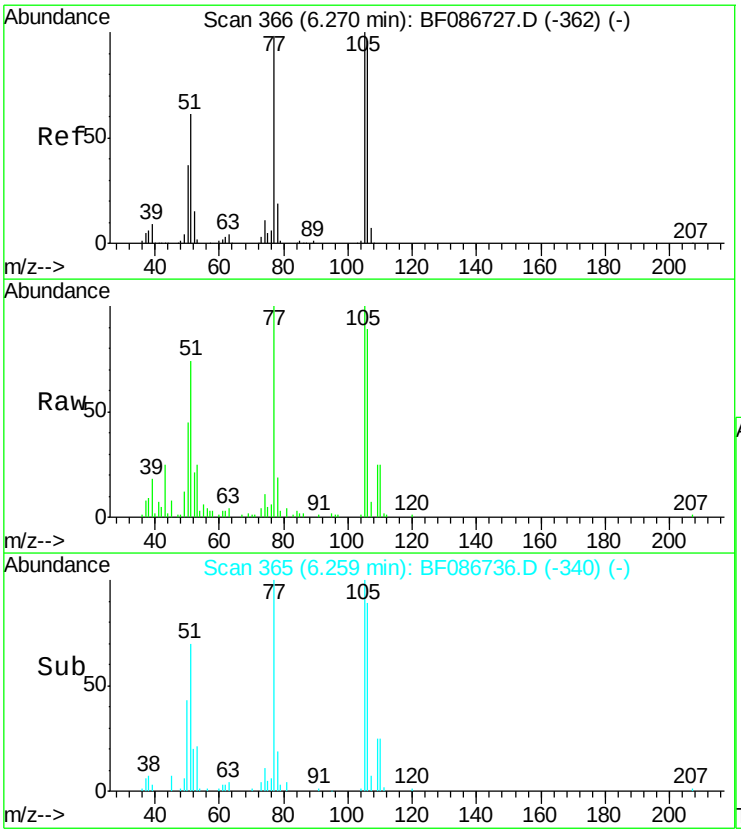
#7
Phenol-d6
Concen: 33.95 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion: 99 Resp: 465698

Ion	Ratio	Lower	Upper
99	100		
42	27.3	13.6	20.4#
71	36.1	24.6	36.8

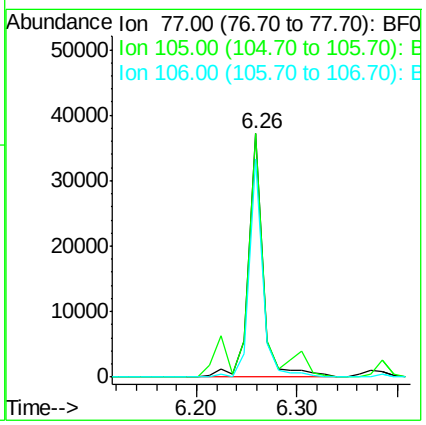


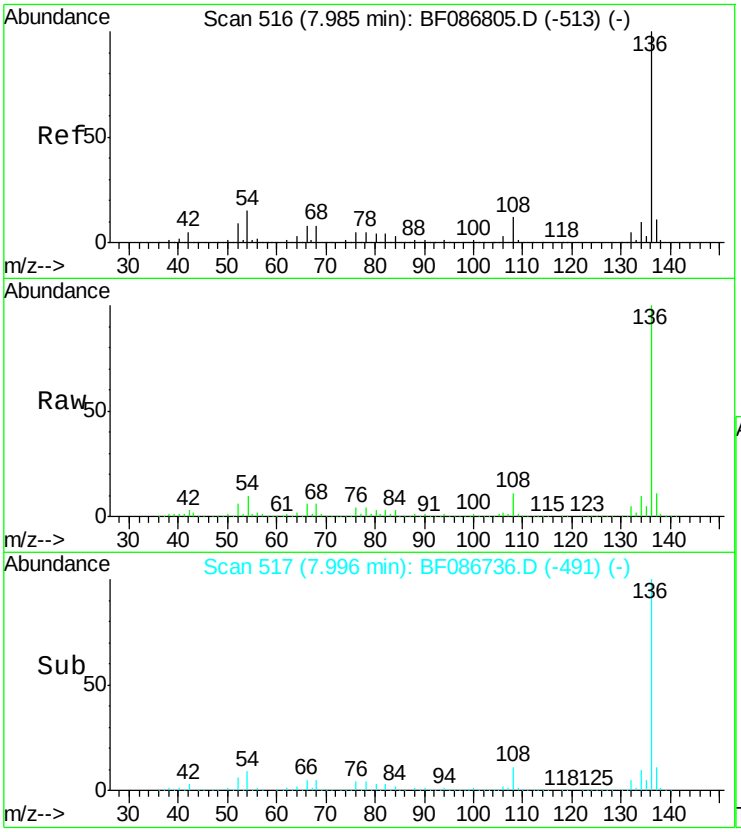


#9
Benzaldehyde
Concen: 5.43 ng
RT: 6.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Tgt Ion: 77 Resp: 37170

Ion	Ratio	Lower	Upper
77	100		
105	99.8	72.7	112.7
106	89.3	70.8	110.8



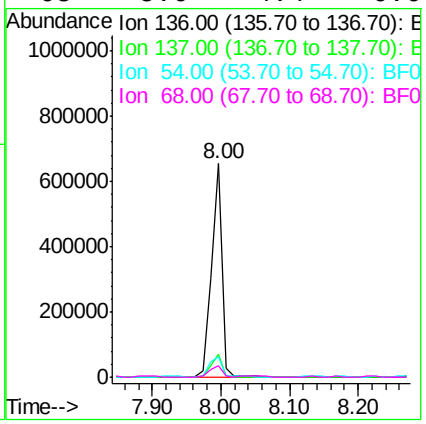


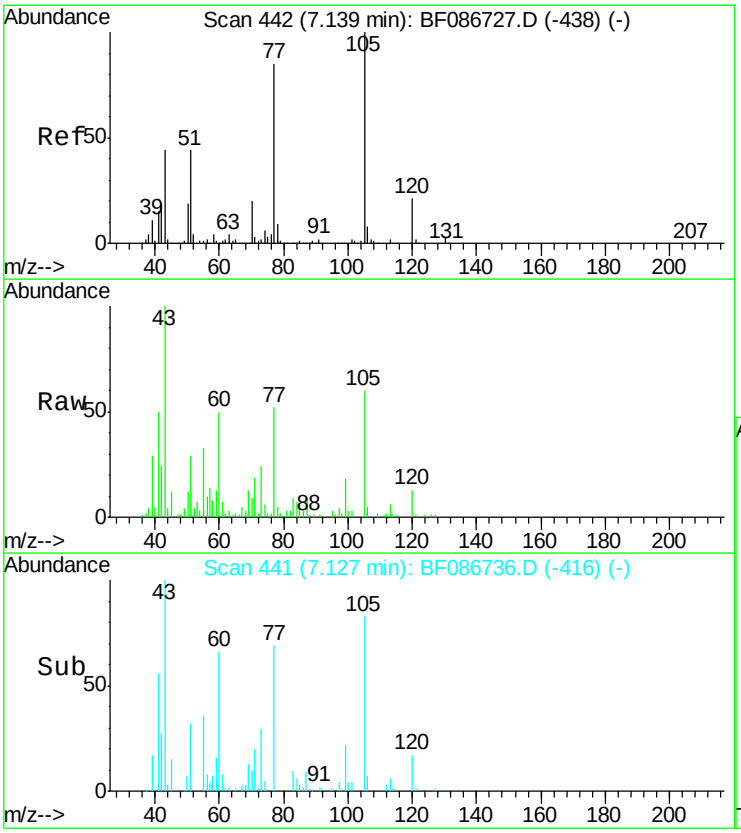
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion:136 Resp: 702960

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.5	5.0	7.4#
68	5.6	4.4	6.6

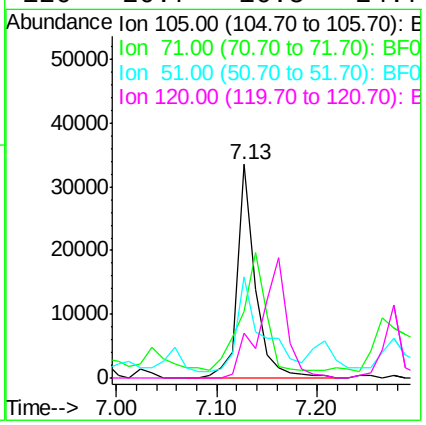


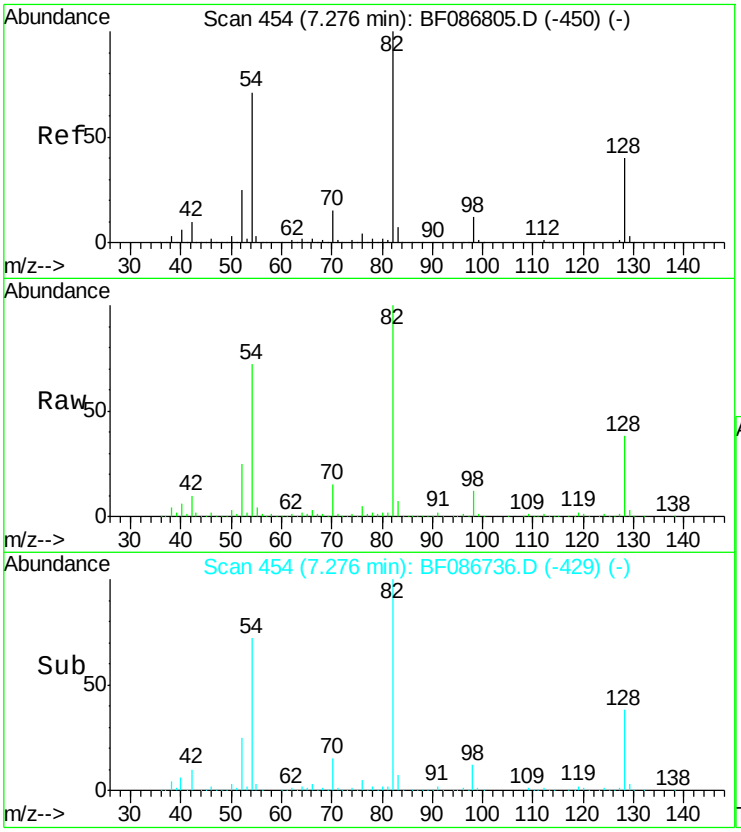


#22
Acetophenone
Concen: 2.54 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Tgt Ion:105 Resp: 41621

Ion	Ratio	Lower	Upper
105	100		
71	31.1	4.8	7.2#
51	47.6	32.6	49.0
120	20.7	16.5	24.7



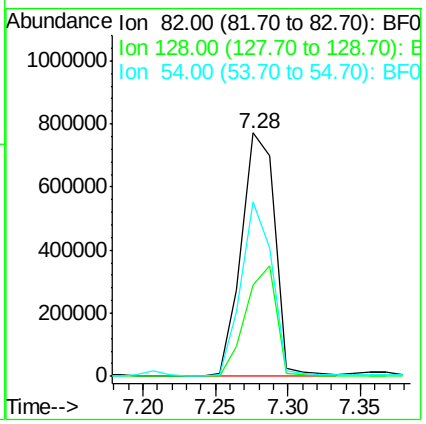


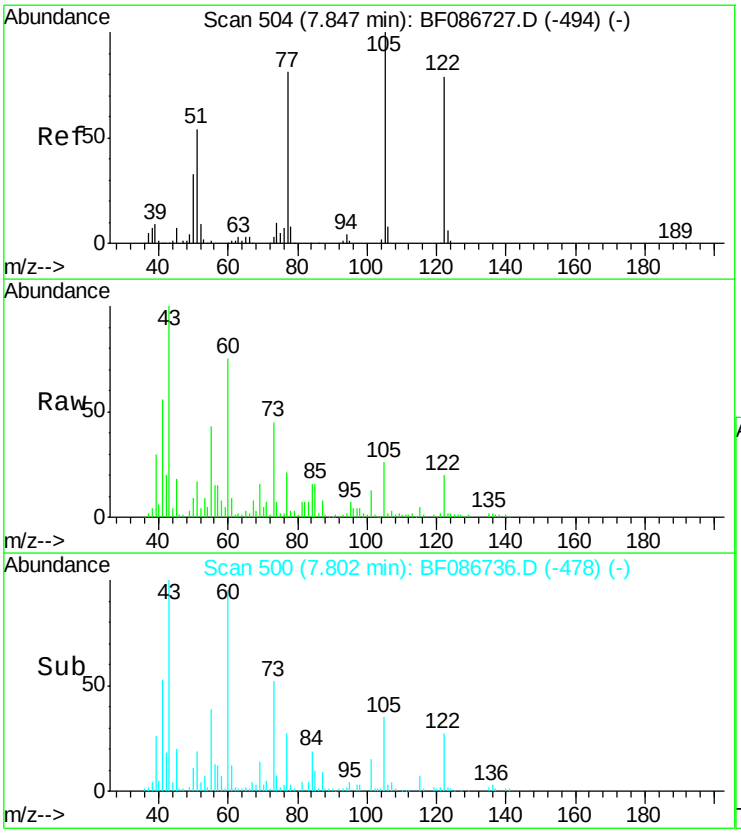
#23
Nitrobenzene-d5
Concen: 90.17 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion: 82 Resp: 1233437

Ion	Ratio	Lower	Upper
82	100		
128	37.7	40.6	61.0#
54	71.8	38.1	57.1#

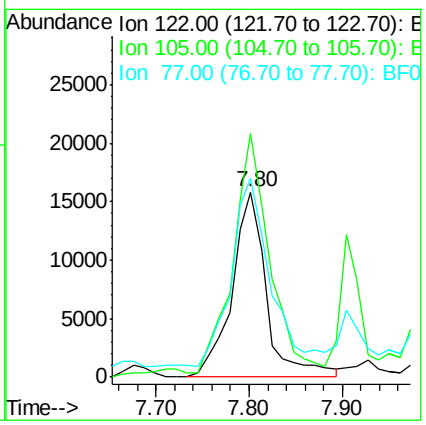


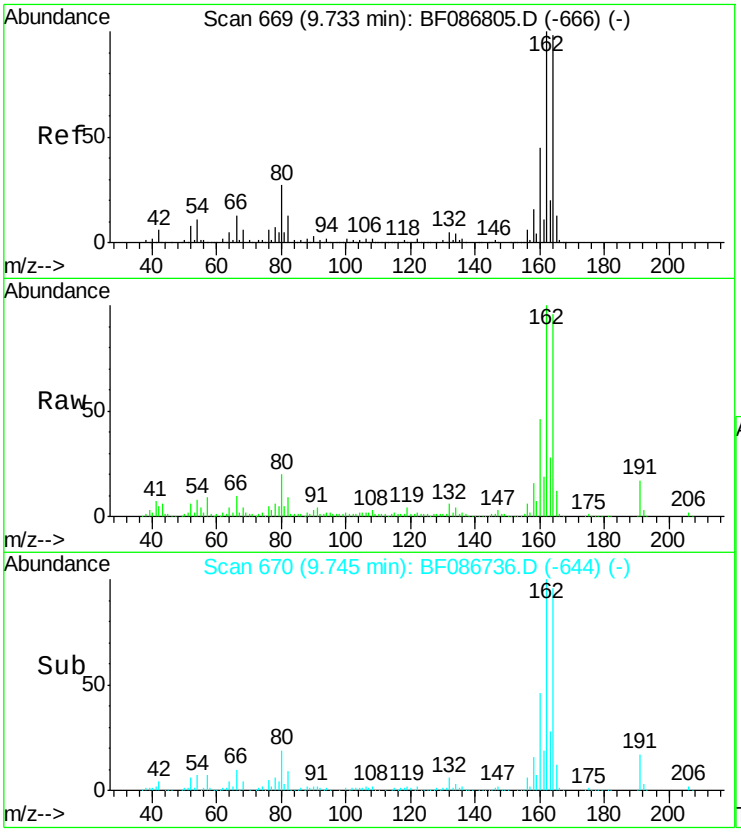


#32
Benzoic acid
Concen: 16.18 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Tgt Ion:122 Resp: 40679

Ion	Ratio	Lower	Upper
122	100		
105	131.6	92.6	132.6
77	107.7	60.0	100.0#



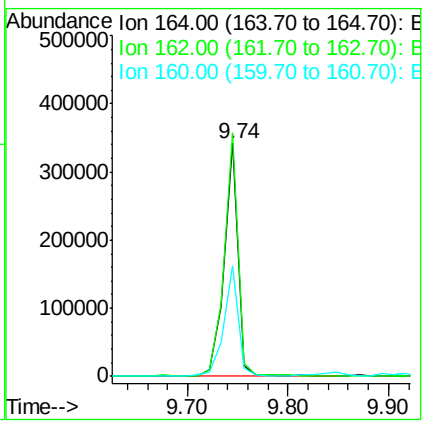


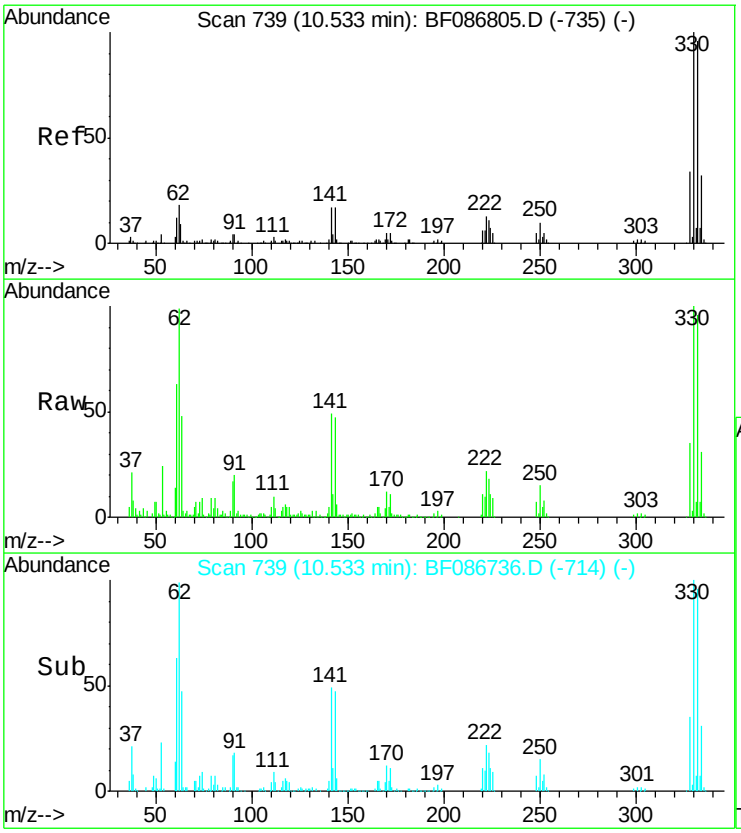
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion:164 Resp: 326562

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.8	124.2
160	47.6	36.9	55.3

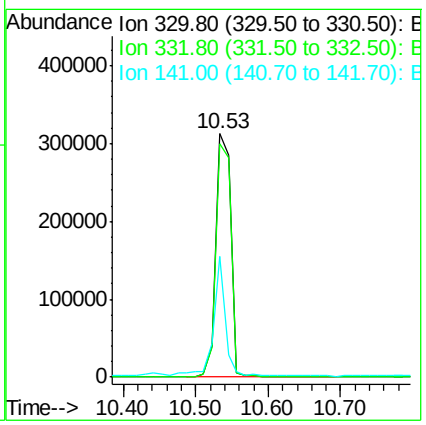


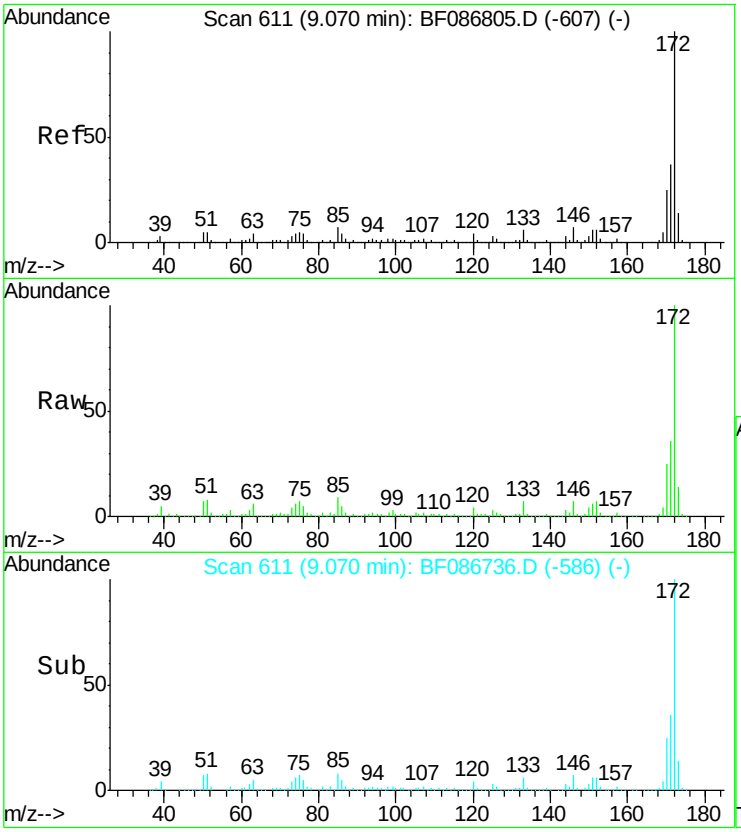


#41
2,4,6-Tribromophenol
Concen: 140.94 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Tgt Ion:330 Resp: 450239

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	38.3	31.2	46.8



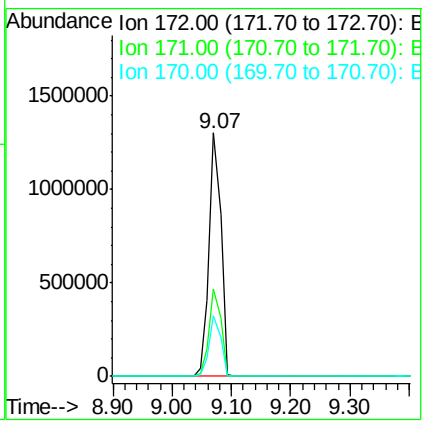


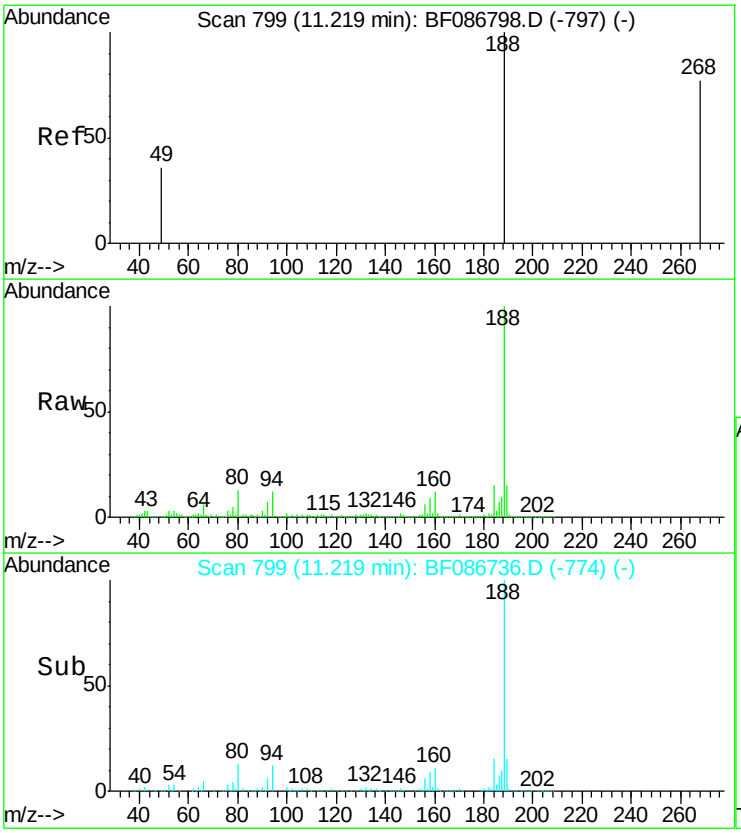
#44
2-Fluorobiphenyl
Concen: 91.45 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion:172 Resp: 1821849

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.8	19.8	29.8

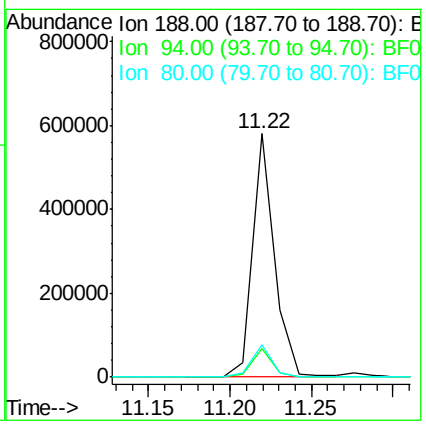


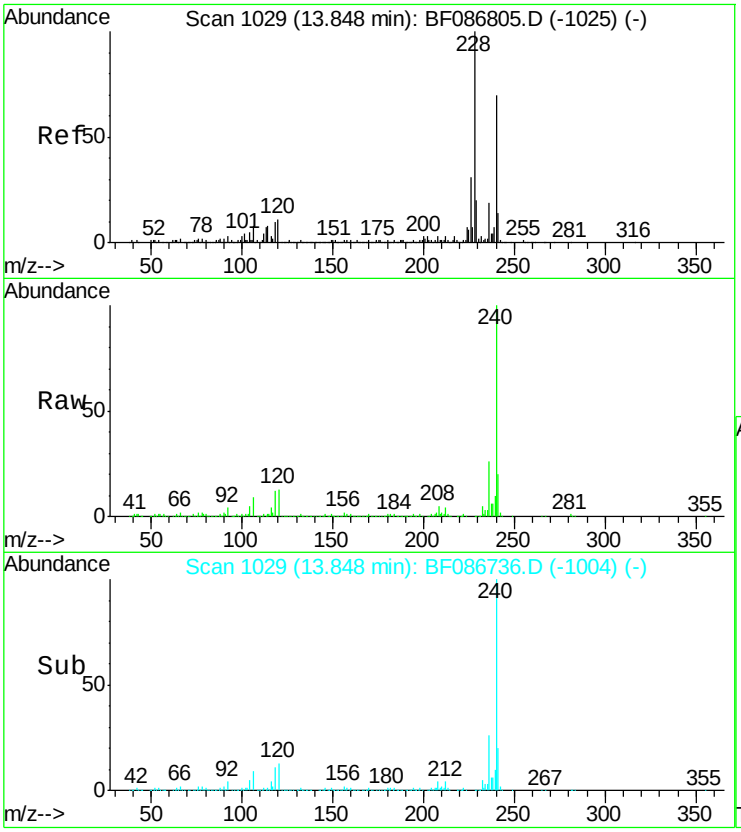


#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Tgt Ion:188 Resp: 540331

Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.8	10.2#
80	13.1	7.1	10.7#



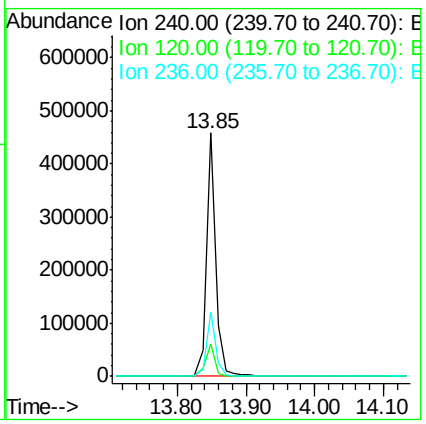


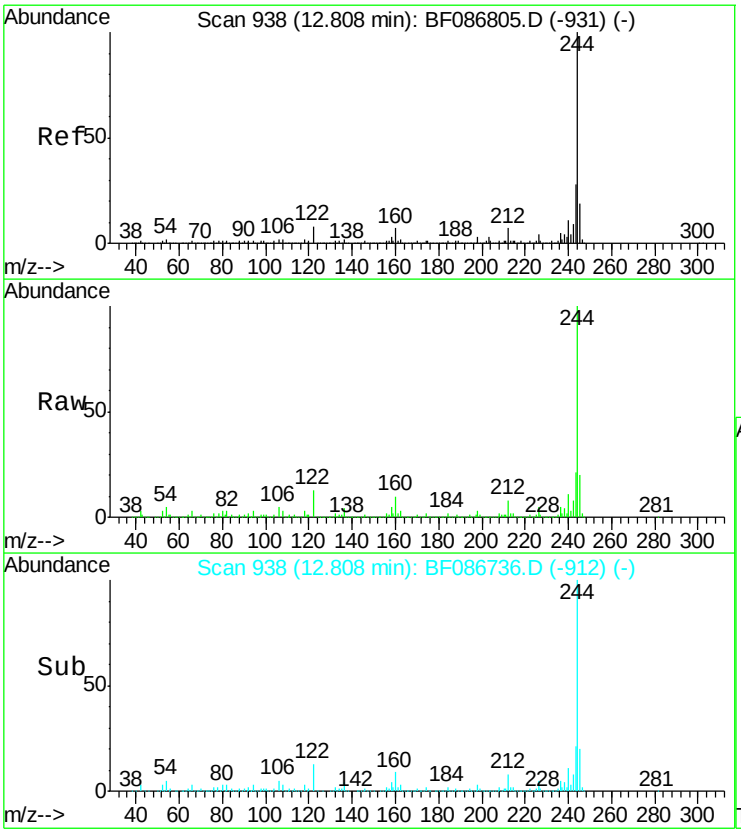
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion:240 Resp: 434848

Ion	Ratio	Lower	Upper
240	100		
120	13.1	11.2	16.8
236	26.2	21.2	31.8

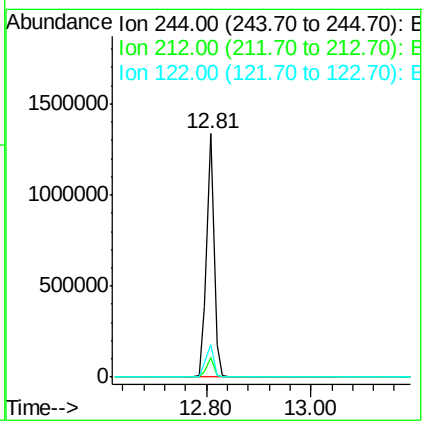


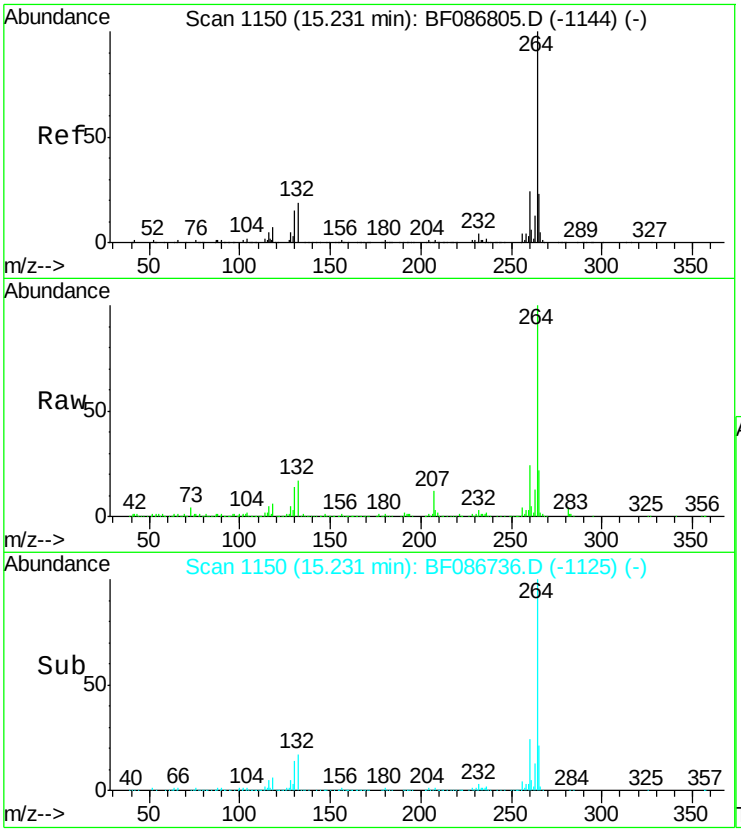


#78
Terphenyl-d14
Concen: 62.06 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Tgt Ion:244 Resp: 1335382

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	13.1	12.0	18.0





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF086736.D
Acq: 6 May 2016 21:01

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion:264 Resp: 323173

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.6	17.3	25.9