Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Time: Jun 13 04:59:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110710	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	452503	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	295146	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	398234	20.00	ng		0.00
75) Chrysene-d12	13.95	240	303350	20.00	ng		-0.01
86) Perylene-d12	15.37	264	245008	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	391304	60.42	ng		-0.01
7) Phenol-d6	6.43	99	389648	49.65	ng		-0.01
23) Nitrobenzene-d5	7.37	82	636033	82.08	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	254040	81.52	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1180499	61.29	ng		0.00
78) Terphenyl-d14	12.91	244	863138	64.75	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.44	94	1240	Below Cal		#	46
18) Hexachloroethane	7.37	117	193095	65.68	ng	#	3
25) Isophorone	7.72	82	29006	2.02	ng	#	10
32) Benzoic acid	7.75	122	11864	2.91	ng		98
35) Caprolactam	8.52	113	9470	4.63	ng	#	24
37) 2-Methylnaphthalene	8.90	142	246932	16.73	ng	#	92
45) 1,1'-Biphenyl	9.26	154	592	Below Cal		#	1
53) 2,4-Dinitrophenol	9.82	184	492	3.33	ng	#	1
57) Fluorene	10.39	166	24901	Below Cal		#	92
64) 4,6-Dinitro-2-methylphenol	10.47	198	2264	3.03	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	17485	4.09	ng	#	1

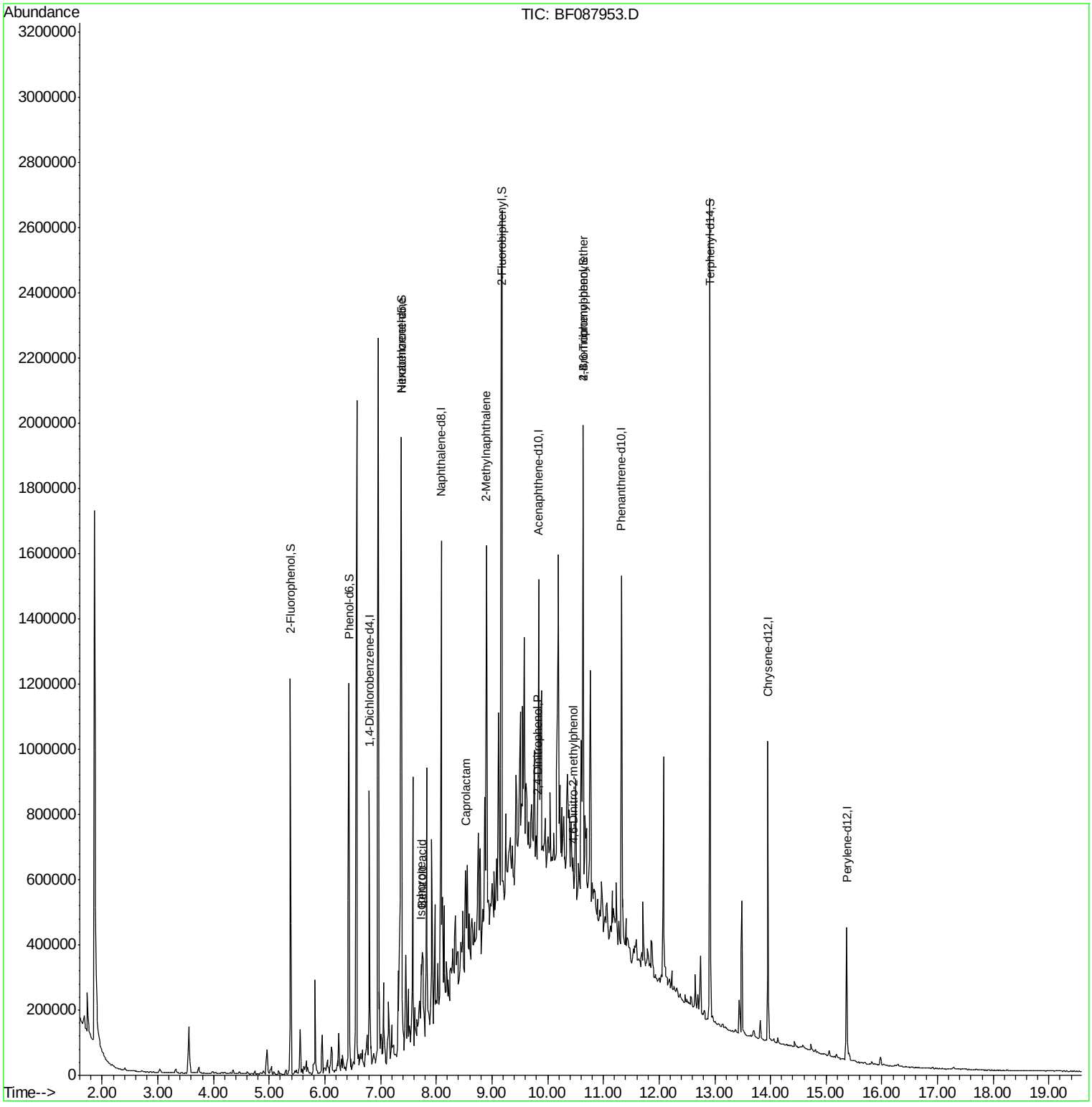
(#) = qualifier out of range (m) = manual integration (+) = signals summed

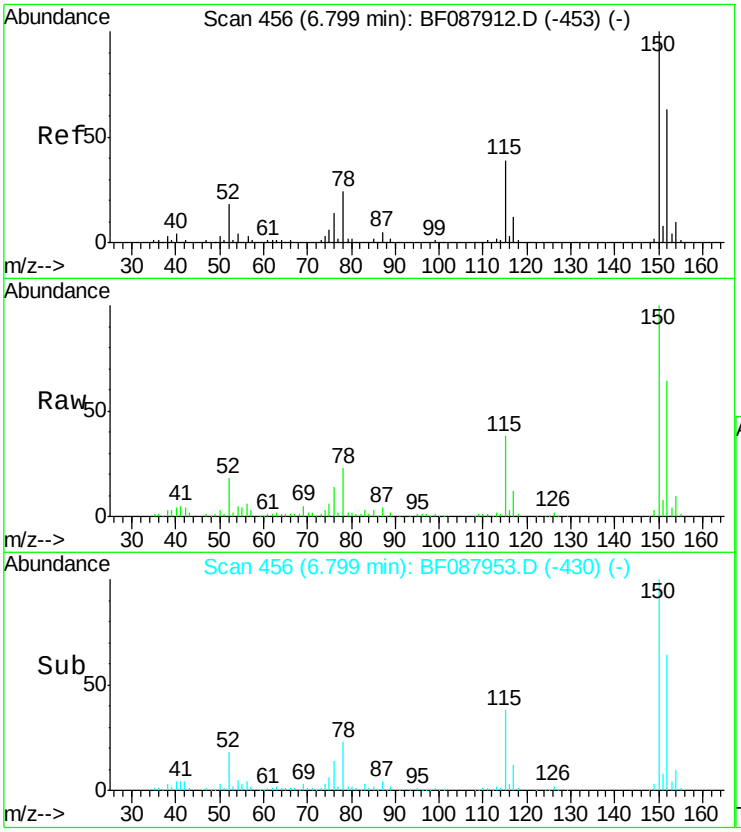
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087953.D
Acq On : 12 Jun 2016 17:35
Operator : UM/SJ
Sample : H3490-04
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-02

Quant Time: Jun 13 04:59:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration



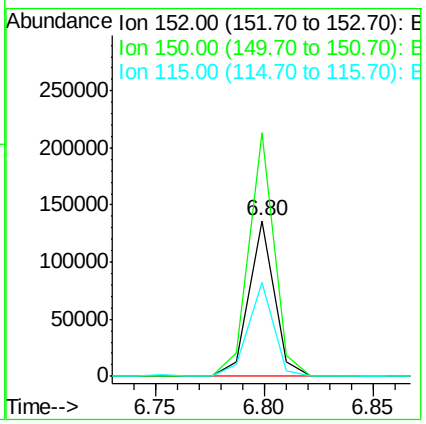


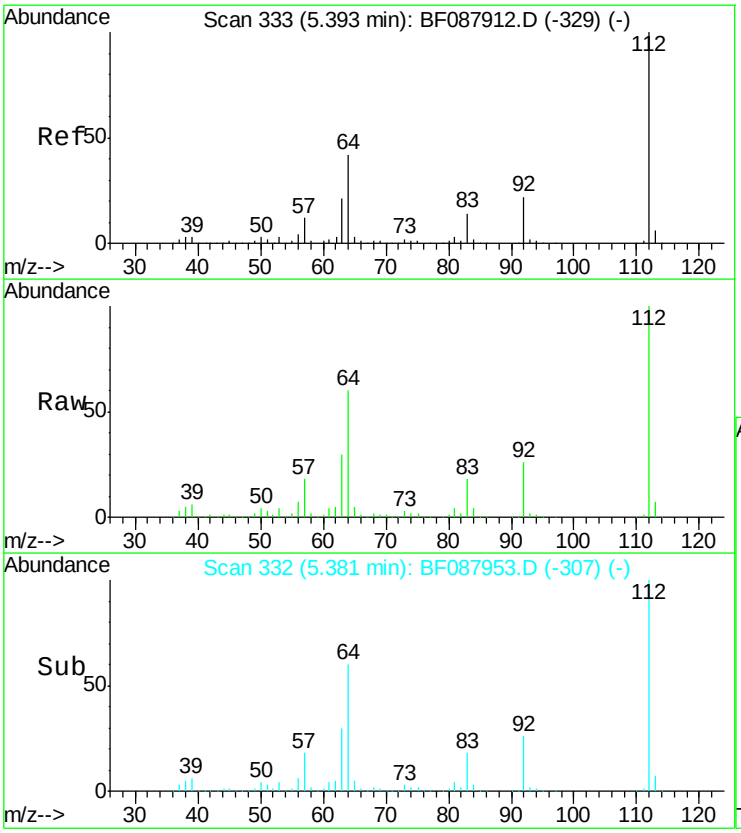
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
W-02

Tgt Ion:152 Resp: 110710

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.8	185.6
115	60.2	39.6	59.4#

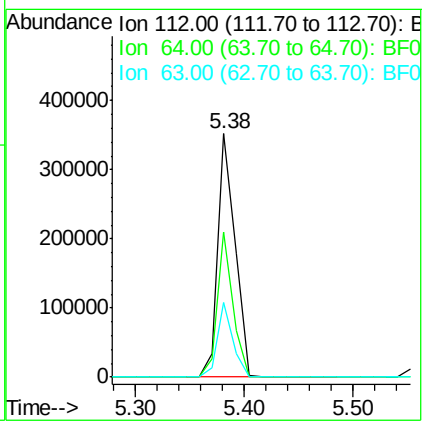


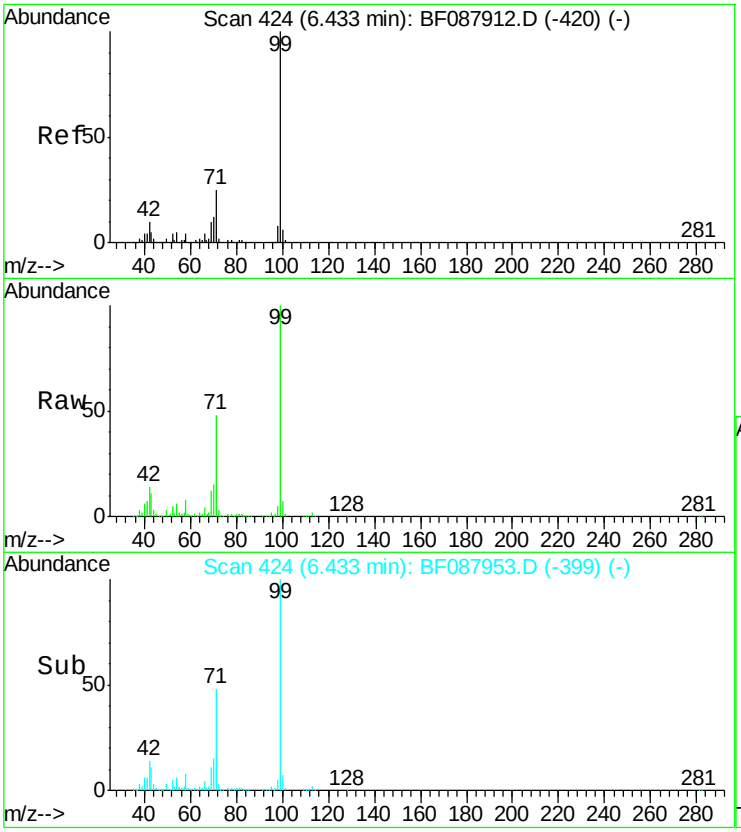


#5
2-Fluorophenol
Concen: 60.42 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.01 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Tgt Ion:112 Resp: 391304

Ion	Ratio	Lower	Upper
112	100		
64	59.7	42.2	63.2
63	30.5	21.8	32.8



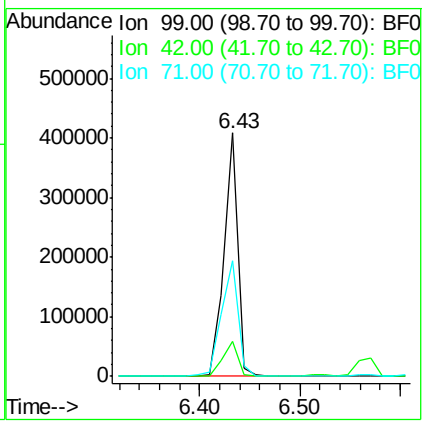


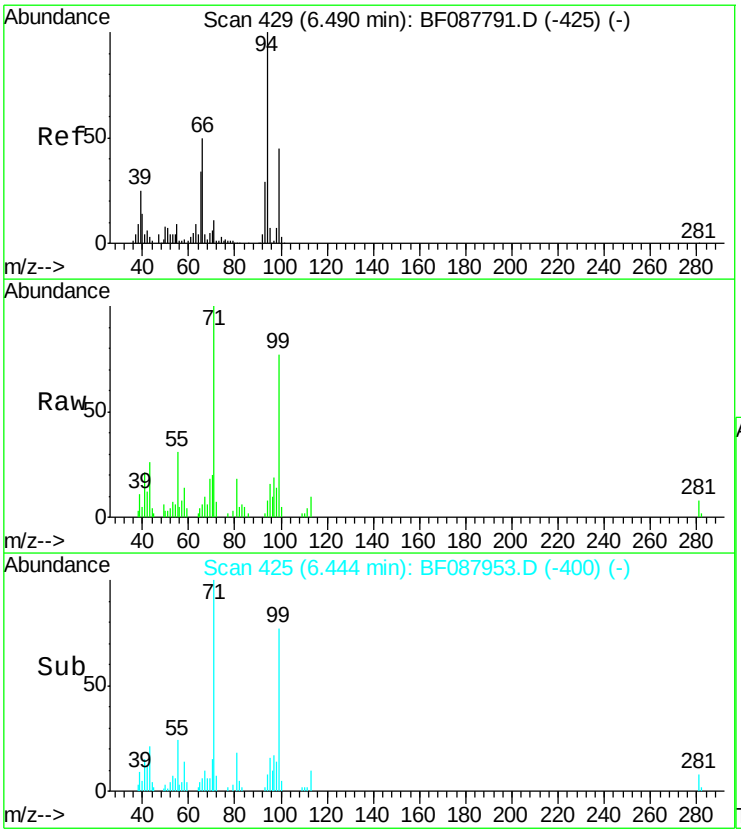
#7
Phenol-d6
Concen: 49.65 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
W-02

Tgt Ion: 99 Resp: 389648

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.2	18.2
71	47.6	23.4	35.0#

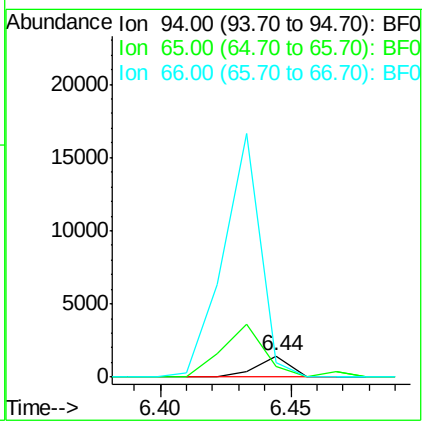


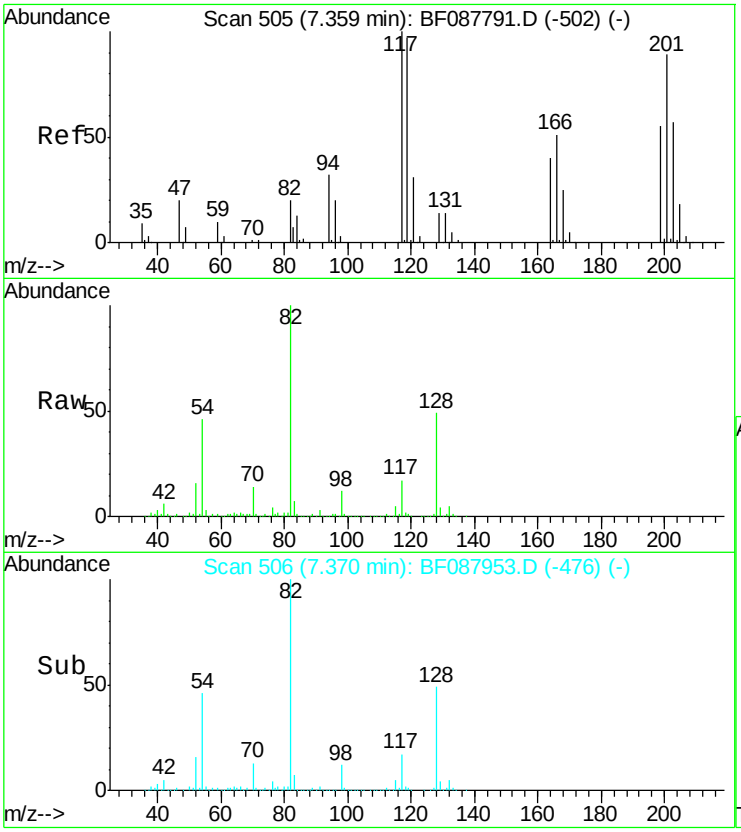


#10
Phenol
Concen: Below Cal
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Tgt Ion: 94 Resp: 1240

Ion	Ratio	Lower	Upper
94	100		
65	51.8	5.9	45.9#
66	66.6	14.0	54.0#



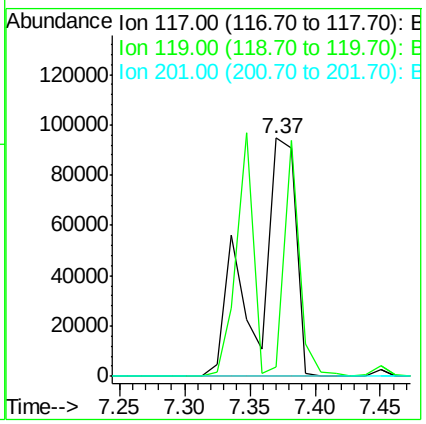


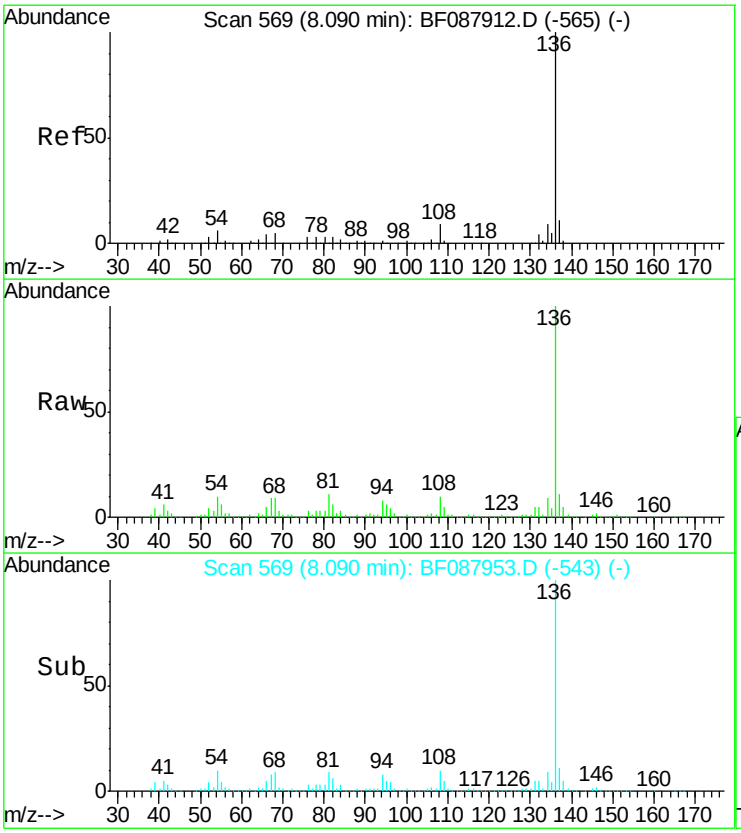
#18
Hexachloroethane
Concen: 65.68 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.05 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
W-02

Tgt Ion:117 Resp: 193095

Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.4	116.2#
201	0.0	80.4	120.6#

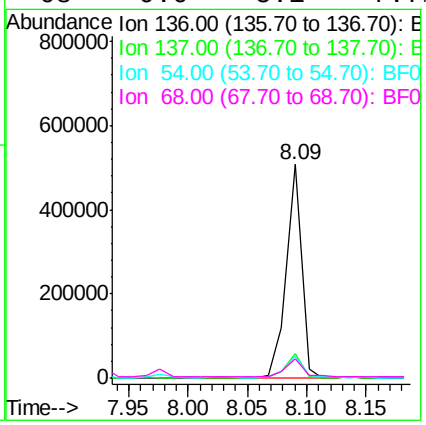


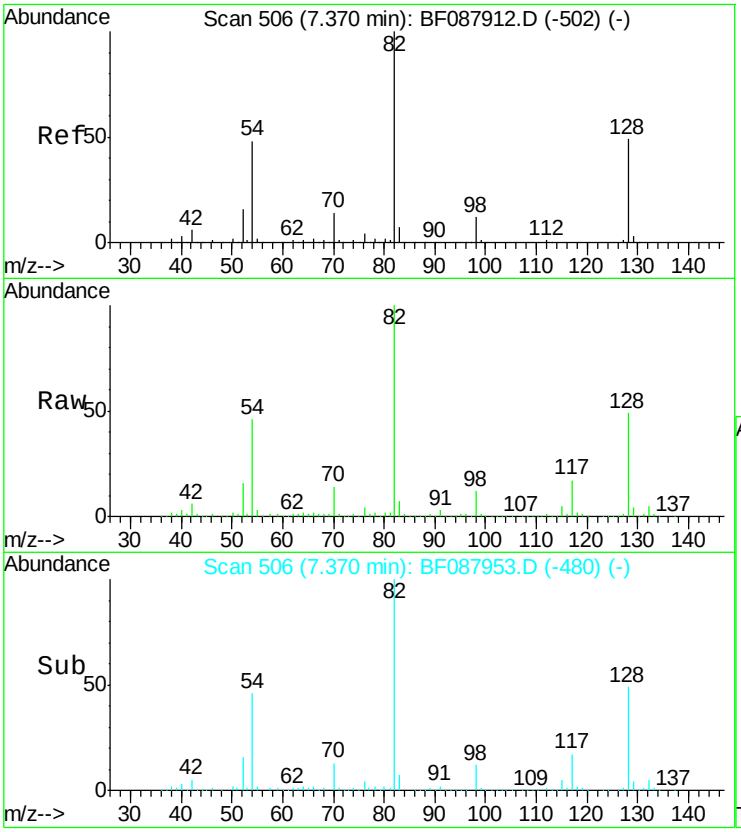


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Tgt Ion:136 Resp: 452503

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.1	6.6	10.0#
68	9.0	5.1	7.7#



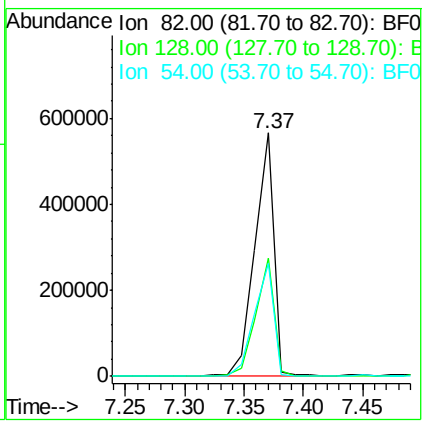


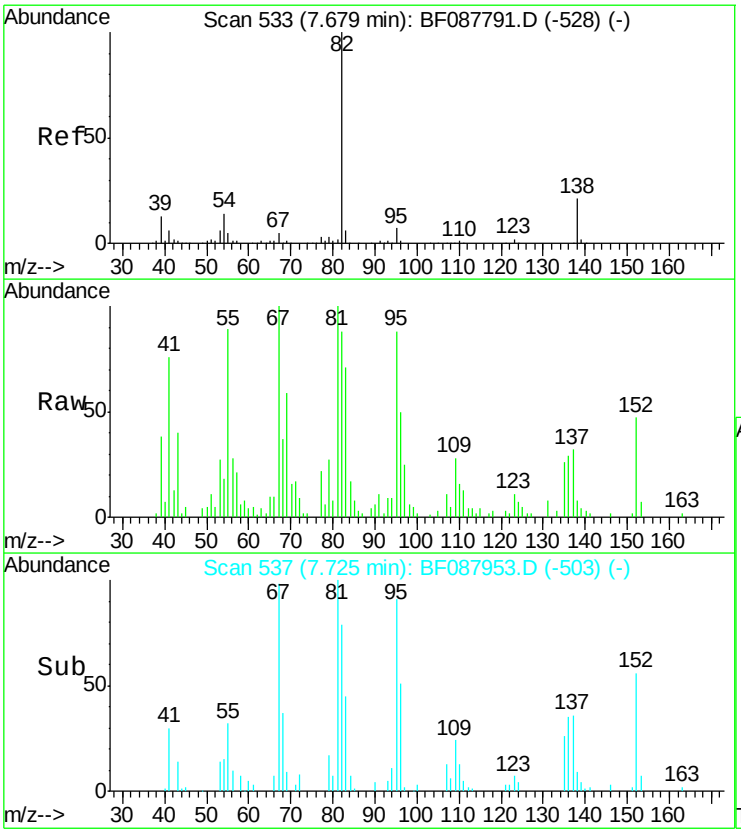
#23
Nitrobenzene-d5
Concen: 82.08 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
W-02

Tgt Ion: 82 Resp: 636033

Ion	Ratio	Lower	Upper
82	100		
128	48.8	35.9	53.9
54	46.4	40.9	61.3

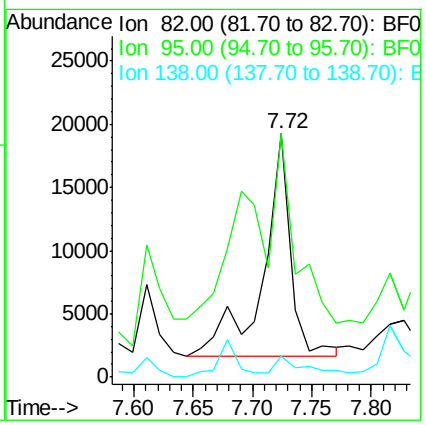


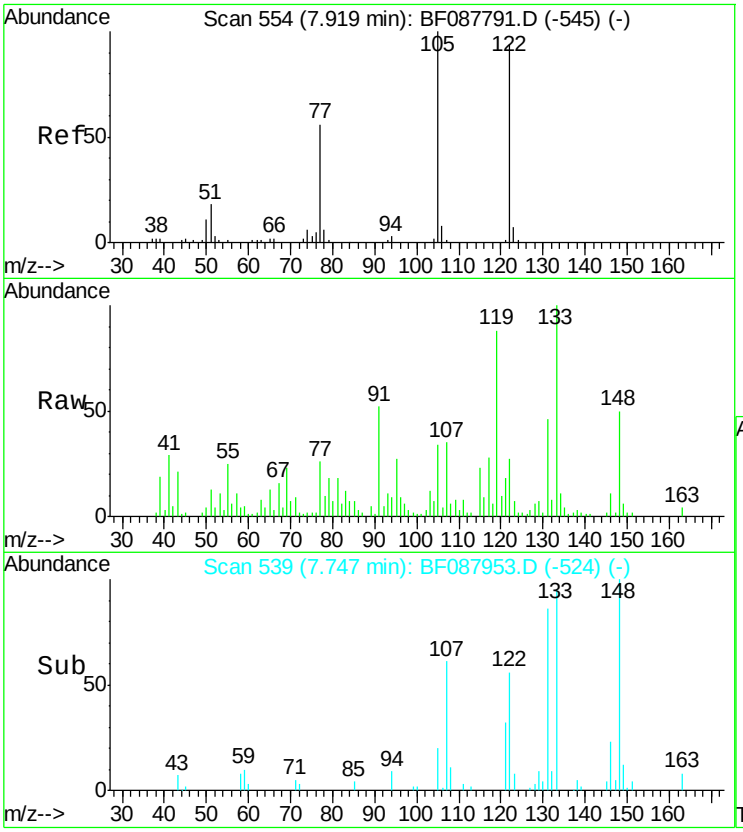


#25
Isophorone
Concen: 2.02 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.09 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Tgt Ion: 82 Resp: 29006

Ion	Ratio	Lower	Upper
82	100		
95	100.1	5.4	8.2#
138	8.6	14.6	21.8#



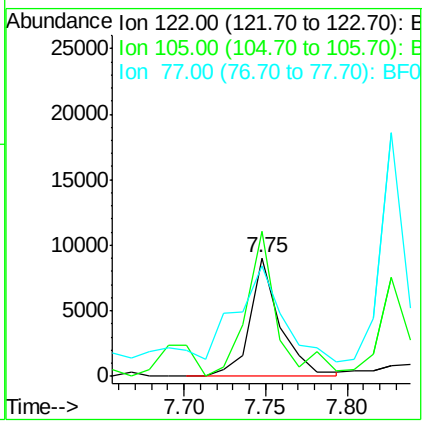


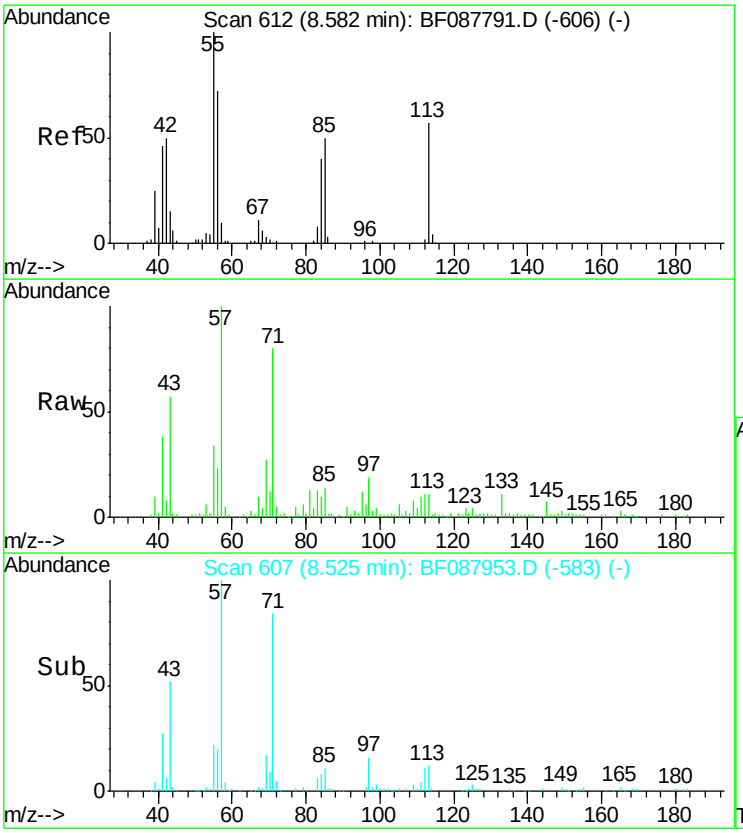
#32
Benzoic acid
Concen: 2.91 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.13 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
W-02

Tgt Ion:122 Resp: 11864

Ion	Ratio	Lower	Upper
122	100		
105	123.2	101.6	141.6
77	93.6	70.6	110.6

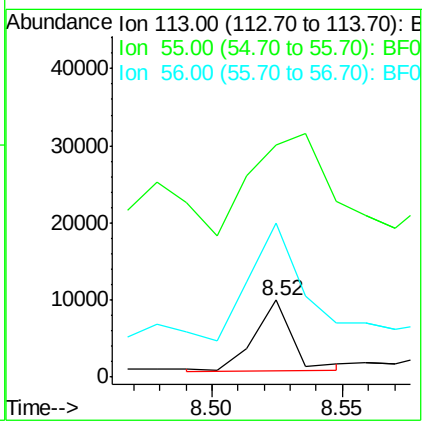


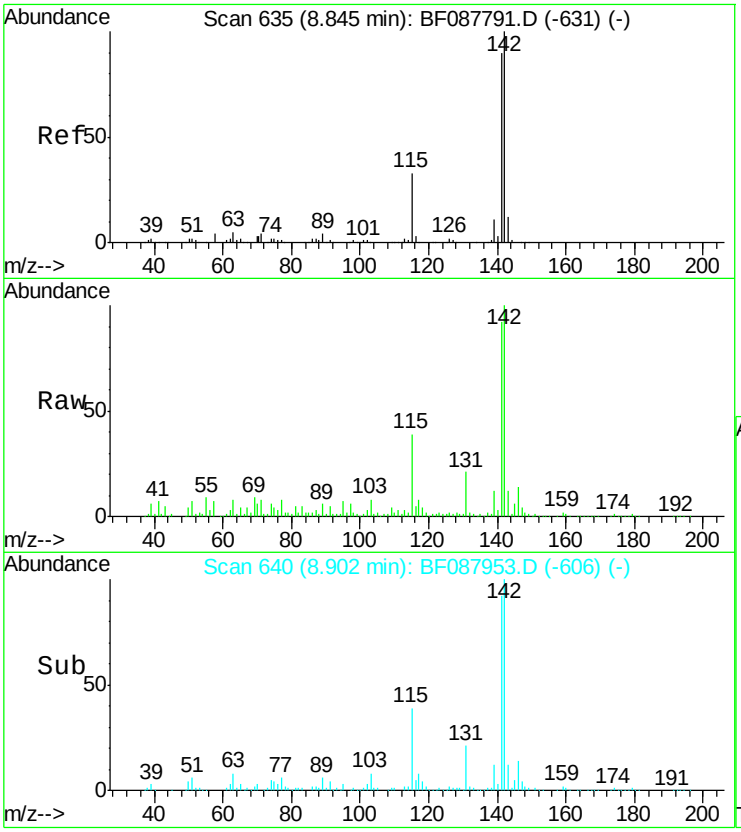


#35
Caprolactam
Concen: 4.63 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Tgt Ion:113 Resp: 9470

Ion	Ratio	Lower	Upper
113	100		
55	302.1	158.6	198.6#
56	200.0	110.6	150.6#



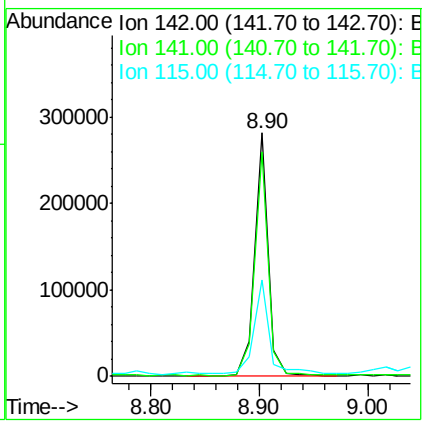


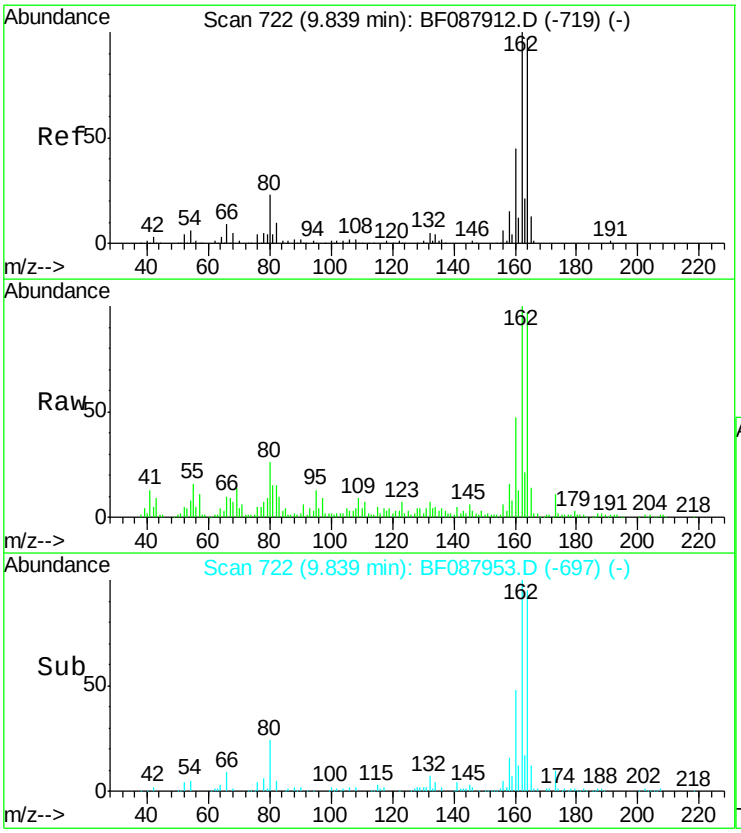
#37
2-Methylnaphthalene
Concen: 16.73 ng
RT: 8.90 min Scan# 640
Delta R.T. 0.09 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
W-02

Tgt Ion:142 Resp: 246932

Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.0	106.6
115	39.3	22.6	33.8#

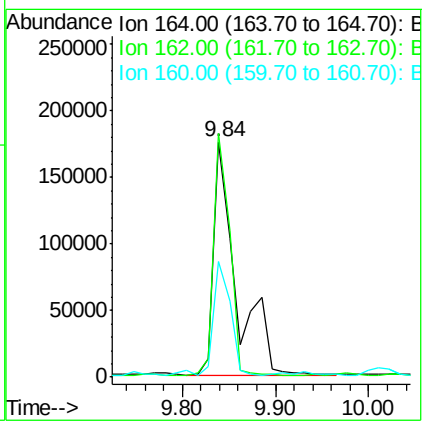


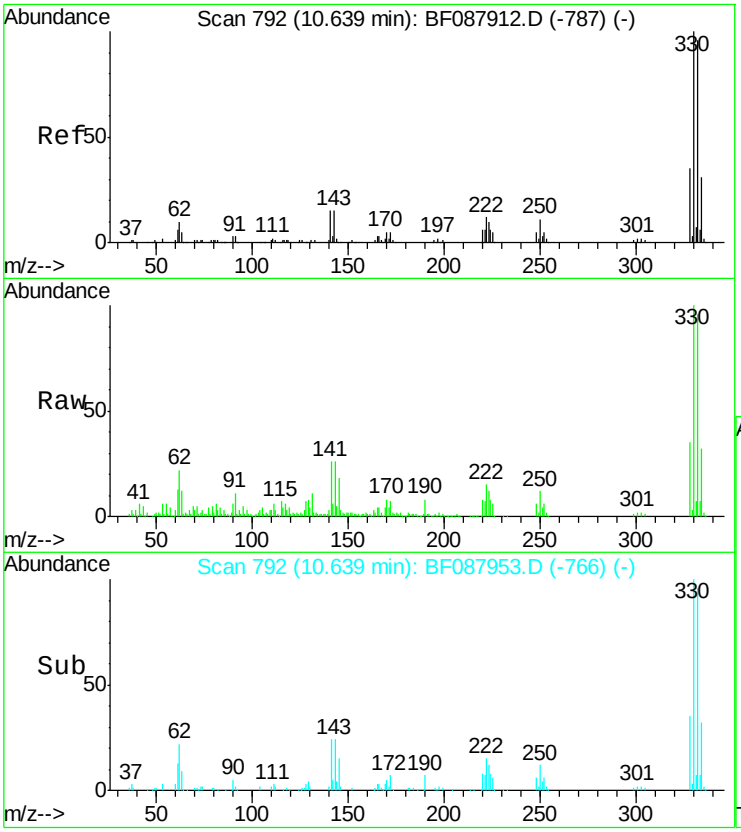


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Tgt Ion:164 Resp: 295146

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	49.0	39.5	59.3



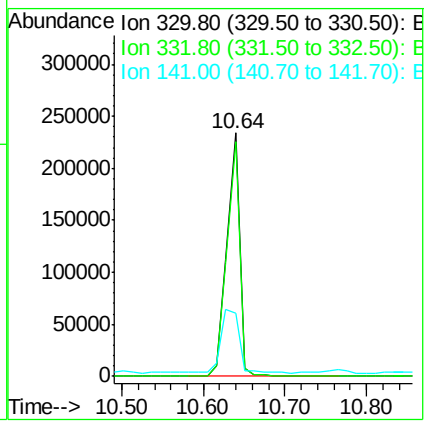


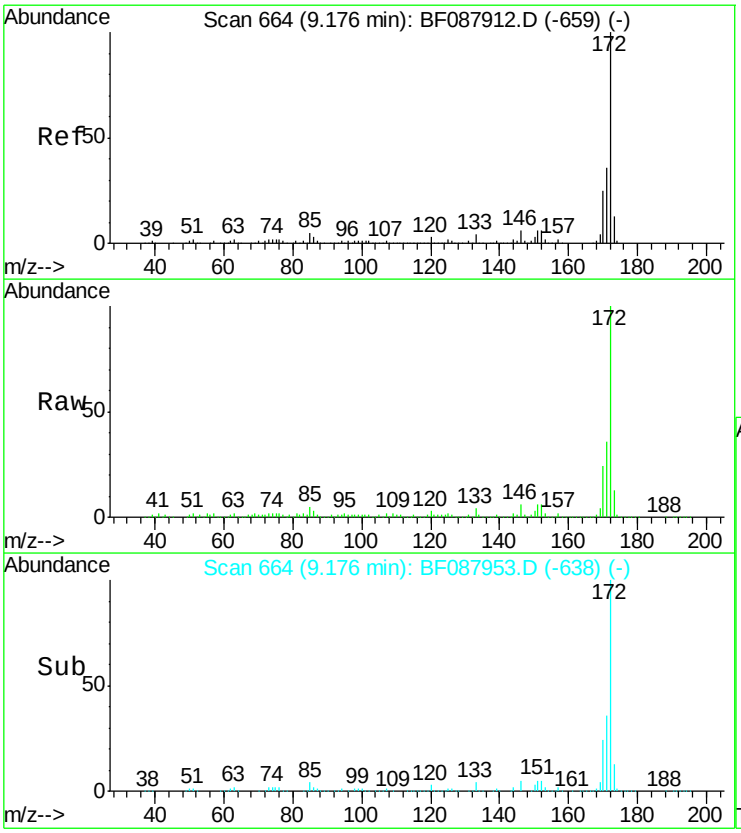
#41
2,4,6-Tribromophenol
Concen: 81.52 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
W-02

Tgt Ion:330 Resp: 254040

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	38.1	0.0	0.0#

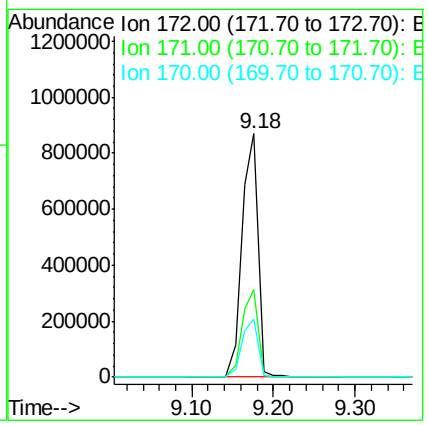


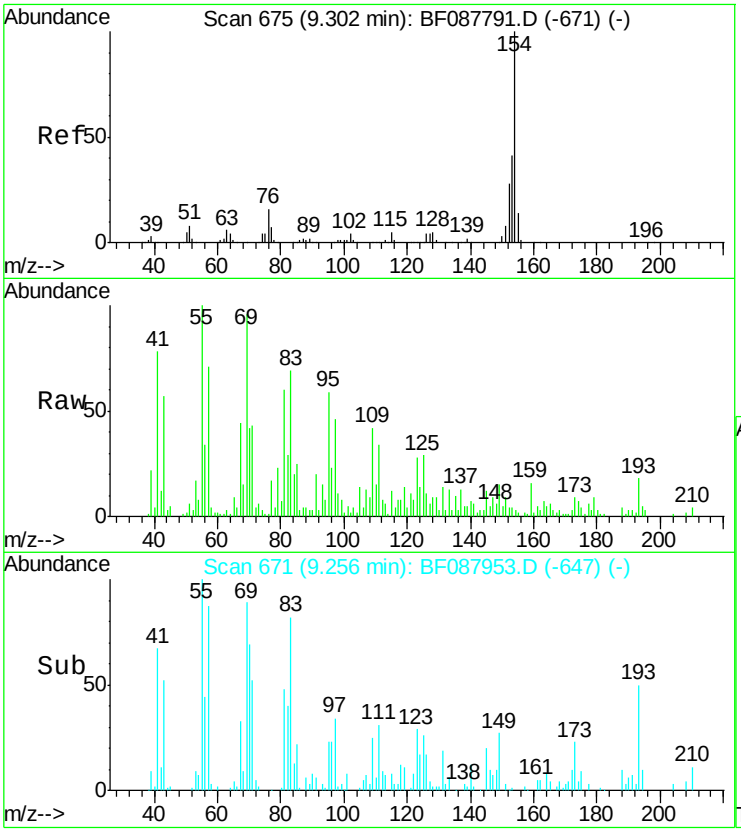


#44
2-Fluorobiphenyl
Concen: 61.29 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Tgt Ion:172 Resp: 1180499

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.0	19.2	28.8



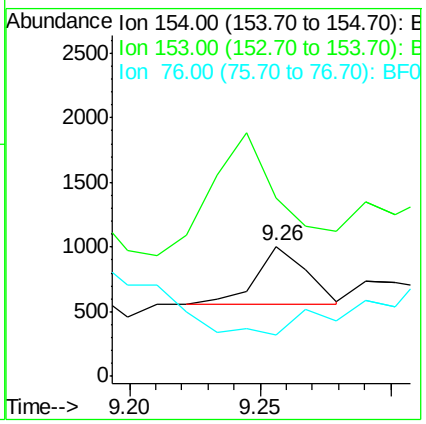


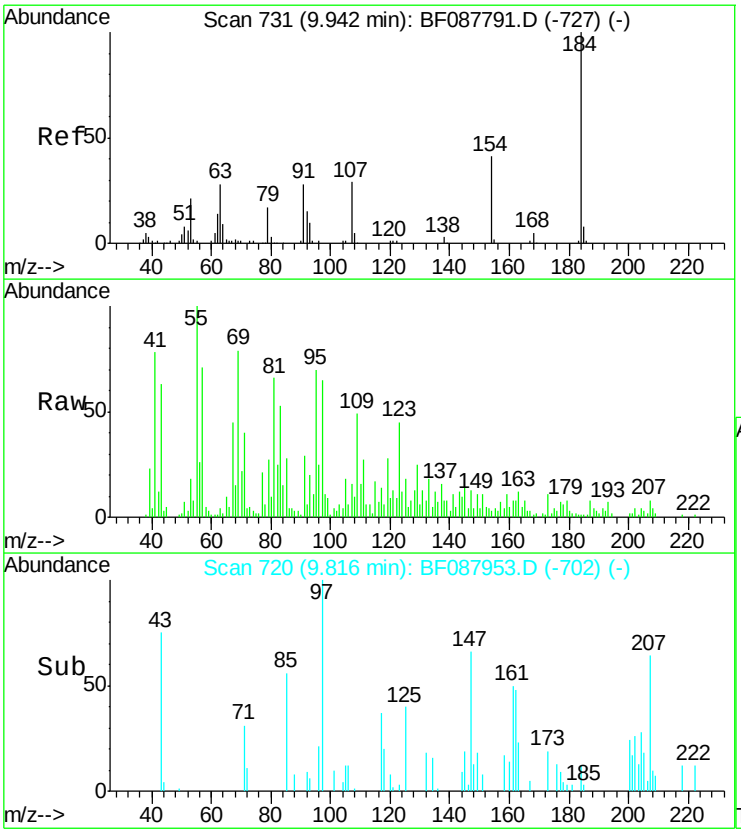
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.26 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
W-02

Tgt Ion:154 Resp: 592

Ion	Ratio	Lower	Upper
154	100		
153	137.6	20.6	60.6#
76	31.7	0.0	35.1

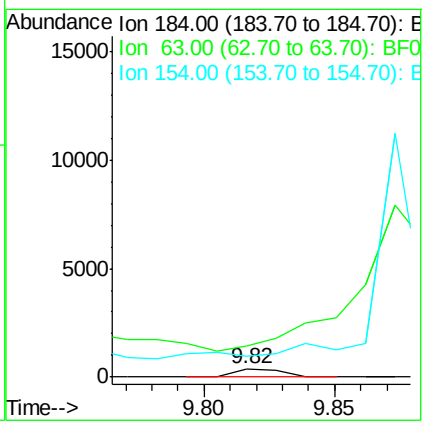


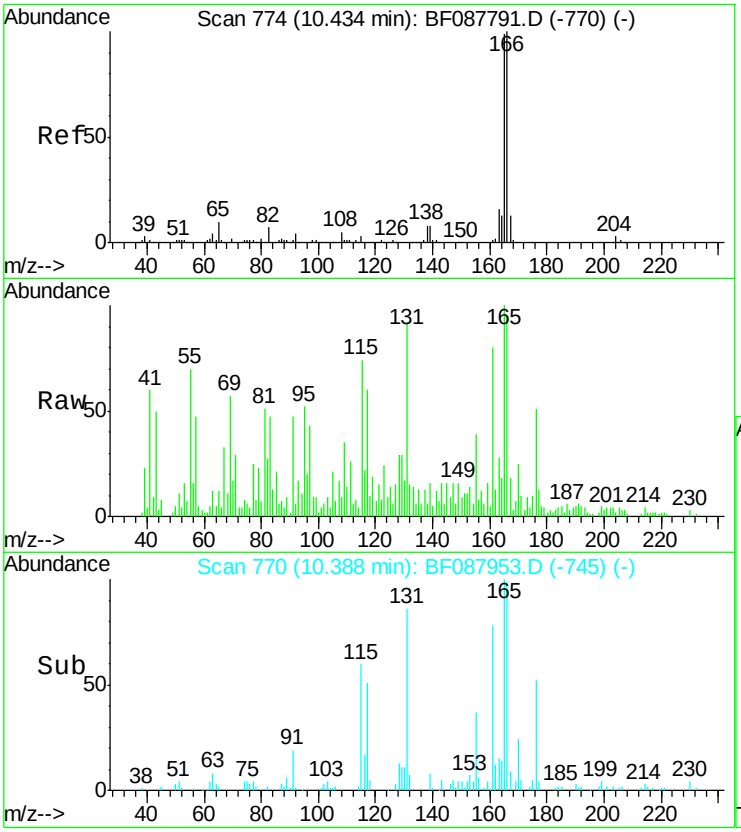


#53
2,4-Dinitrophenol
Concen: 3.33 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.09 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Tgt Ion:184 Resp: 492

Ion	Ratio	Lower	Upper
184	100		
63	369.9	57.6	86.4#
154	247.6	53.5	80.3#



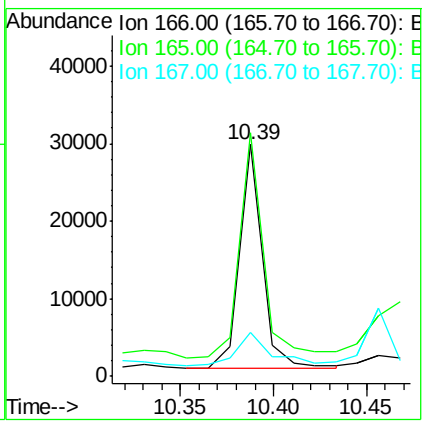


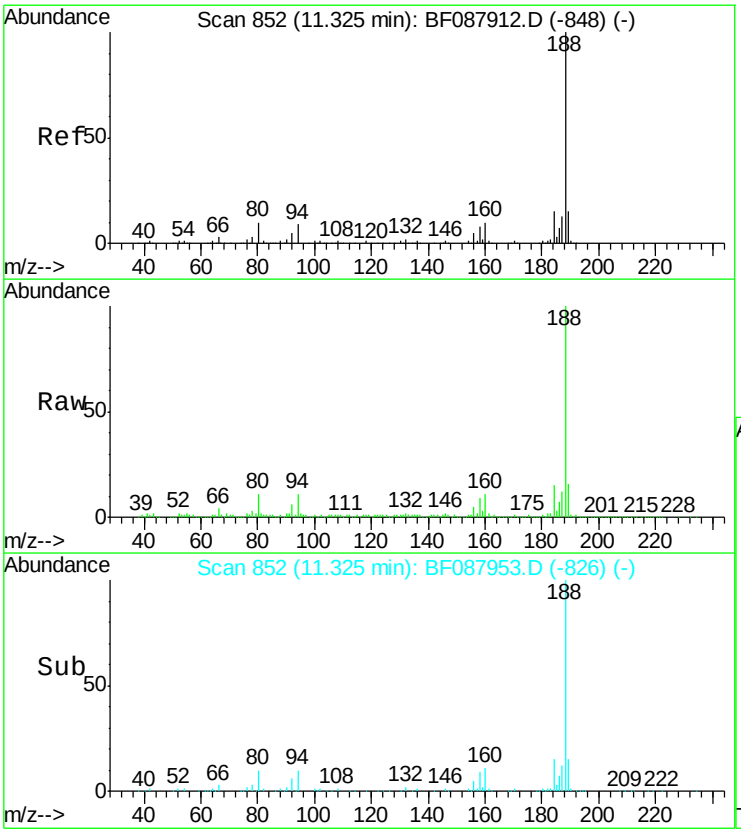
#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
W-02

Tgt Ion:166 Resp: 24901

Ion	Ratio	Lower	Upper
166	100		
165	105.0	77.8	116.8
167	19.0	11.2	16.8#

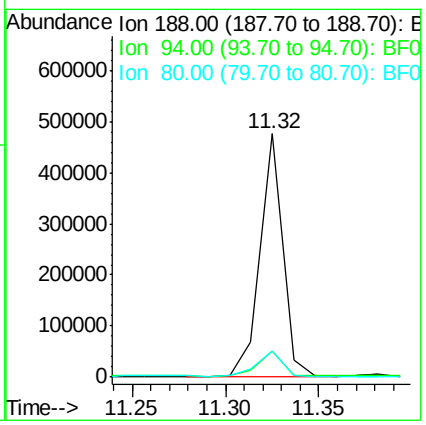


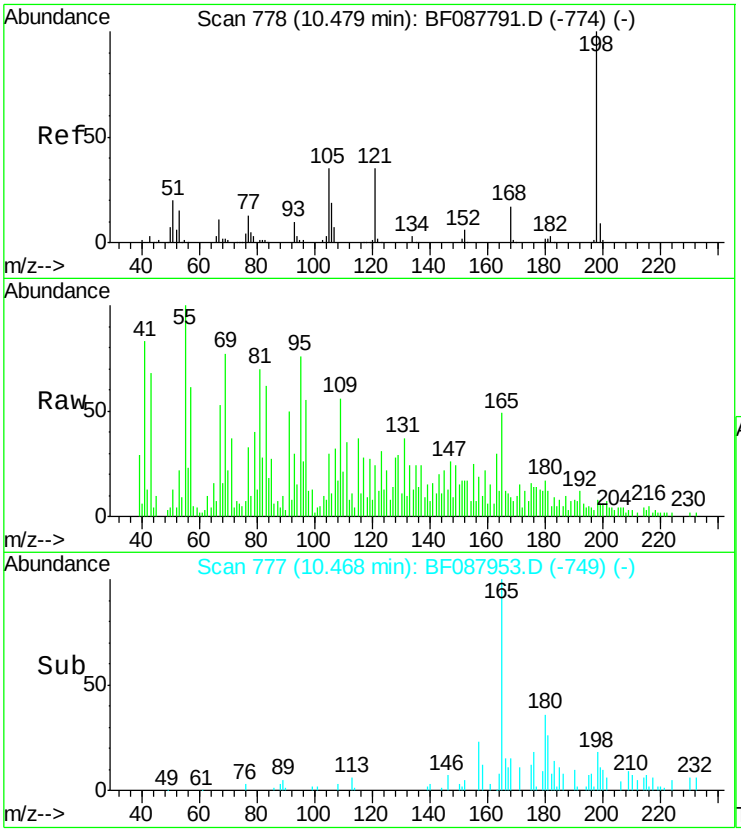


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Tgt Ion:188 Resp: 398234

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.0	13.6
80	10.9	10.0	15.0



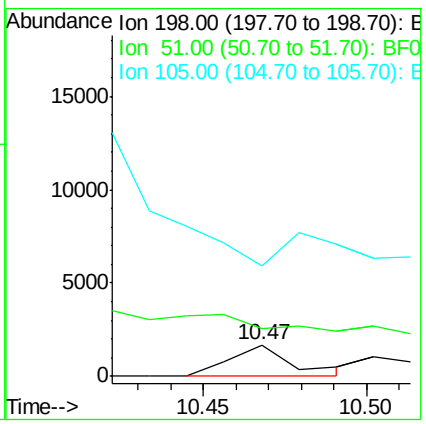


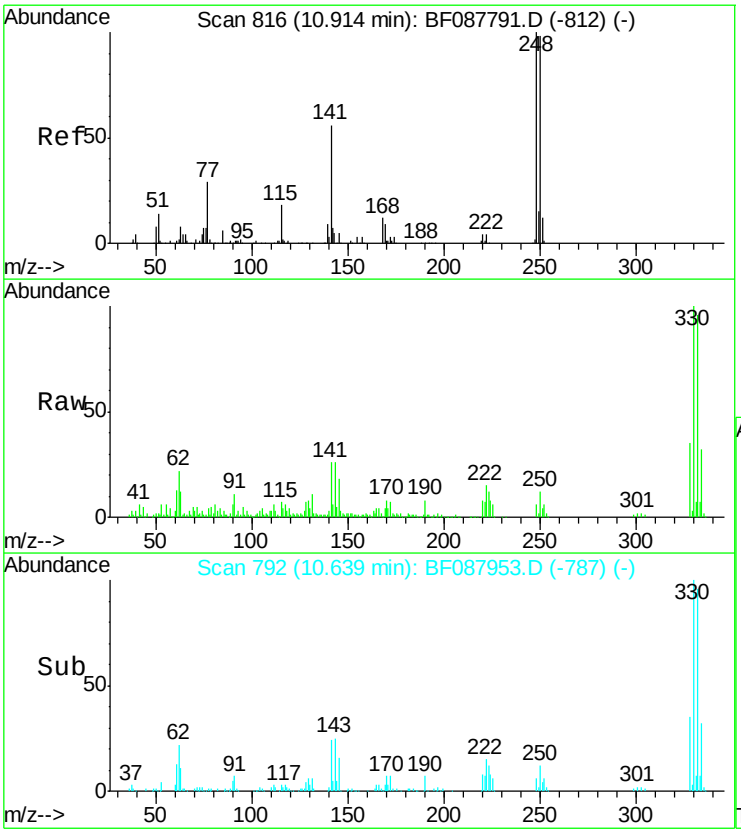
#64
4,6-Dinitro-2-methylphenol
Concen: 3.03 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.02 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
W-02

Tgt Ion:198 Resp: 2264

Ion	Ratio	Lower	Upper
198	100		
51	154.1	39.6	79.6#
105	354.9	36.6	76.6#

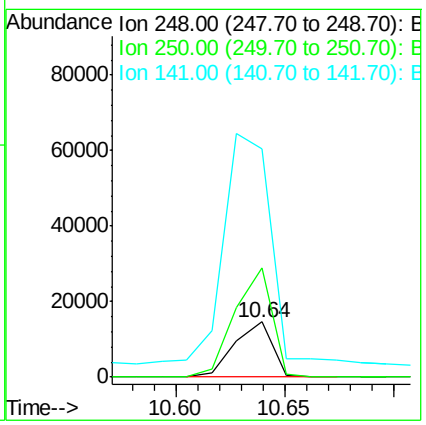


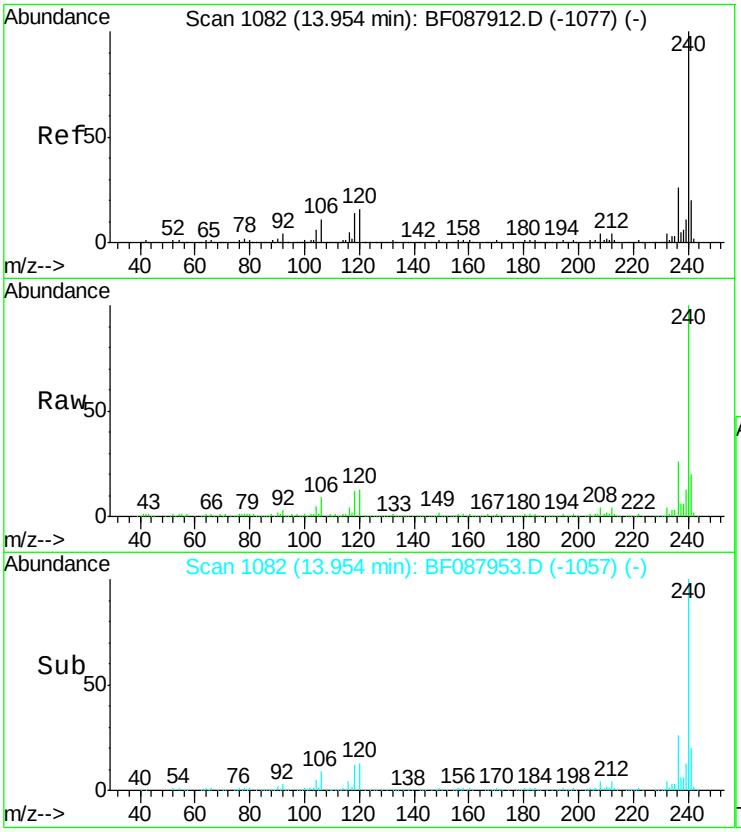


#66
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.24 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Tgt Ion:248 Resp: 17485

Ion	Ratio	Lower	Upper
248	100		
250	197.6	77.1	115.7#
141	414.5	50.6	76.0#



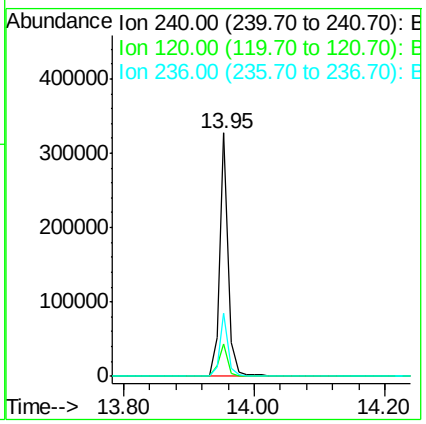


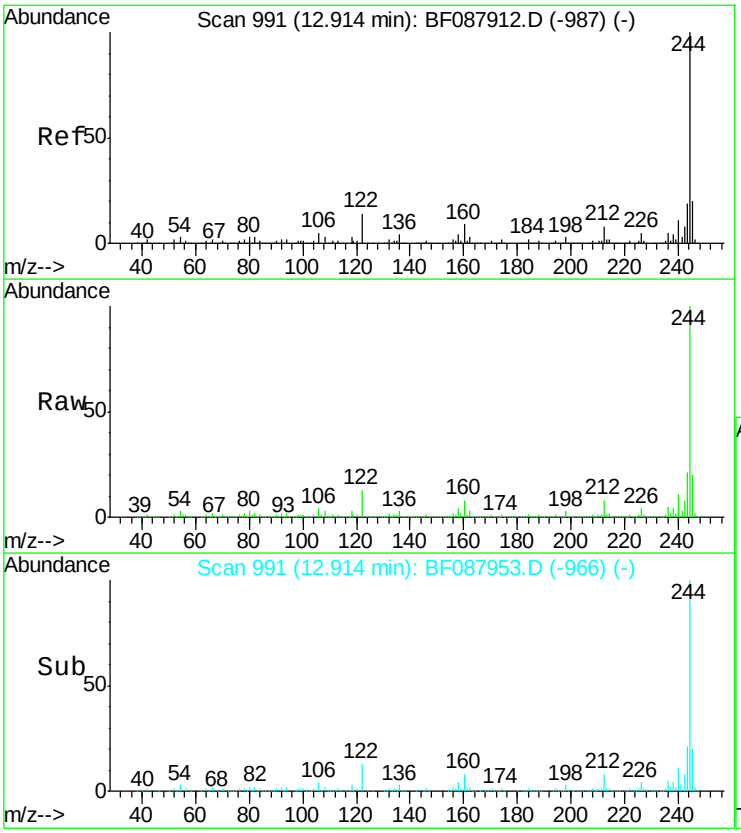
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
W-02

Tgt Ion:240 Resp: 303350

Ion	Ratio	Lower	Upper
240	100		
120	13.2	6.8	10.2#
236	26.0	20.2	30.2

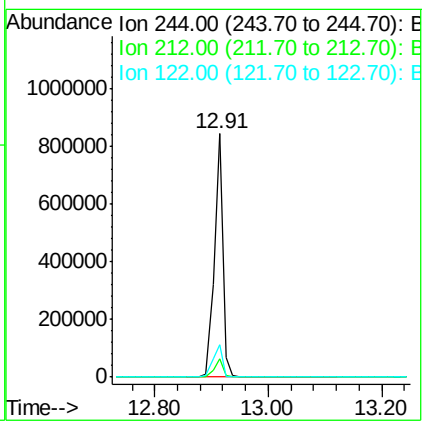


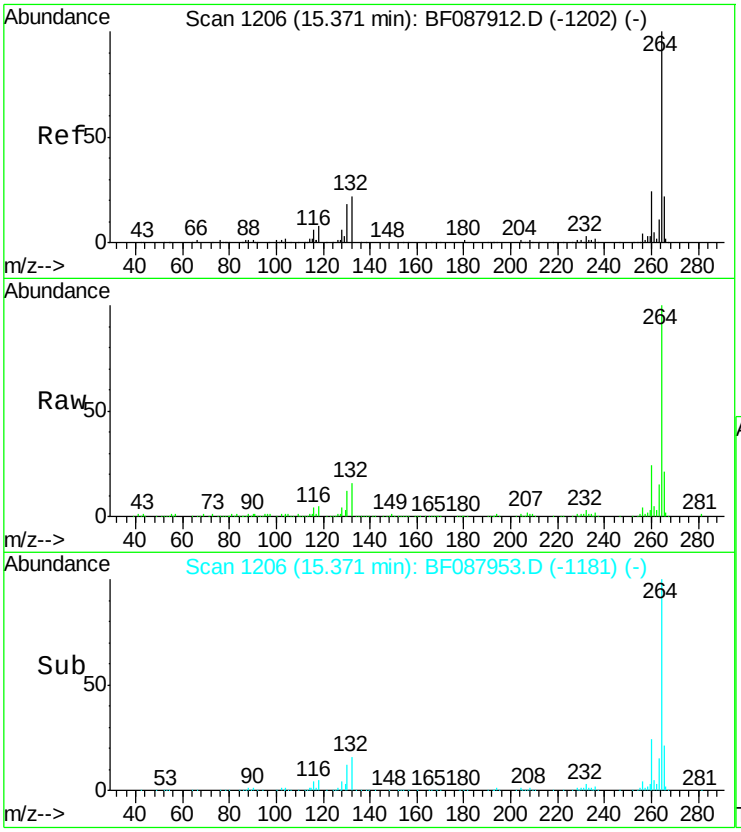


#78
Terphenyl-d14
Concen: 64.75 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Tgt Ion:244 Resp: 863138

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	13.1	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF087953.D
Acq: 12 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
W-02

Tgt Ion:264 Resp: 245008

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	16.9	25.3