Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099898.D
Acq On : 28 Oct 2017 1:59
Operator : SJ/JU
Sample : I6029-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(10-15)

Quant Time: Oct 28 04:07:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	89401	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	270173	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	89503	20.00	ng		0.04
63) Phenanthrene-d10	11.37	188	141566	20.00	ng		0.04
75) Chrysene-d12	13.99	240	145967	20.00	ng		0.00
86) Perylene-d12	15.46	264	167113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	478197	83.98	ng		0.00
7) Phenol-d6	6.44	99	551278	81.65	ng		0.00
23) Nitrobenzene-d5	7.37	82	285955	68.14	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	61975	75.98	ng		0.04
44) 2-Fluorobiphenyl	9.17	172	420079	72.41	ng		0.02
78) Terphenyl-d14	12.93	244	311330	46.61	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.45	94	30795	4.154	ng		92
49) Dimethylphthalate	9.57	163	54760	7.726	ng	#	48
51) Acenaphthene	9.91	154	46117	8.334	ng	#	58
57) Fluorene	10.43	166	95609	14.783	ng	#	66
74) Fluoranthene	12.58	202	25224	3.038	ng		67
77) Pyrene	12.81	202	101822	9.174	ng	#	81

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

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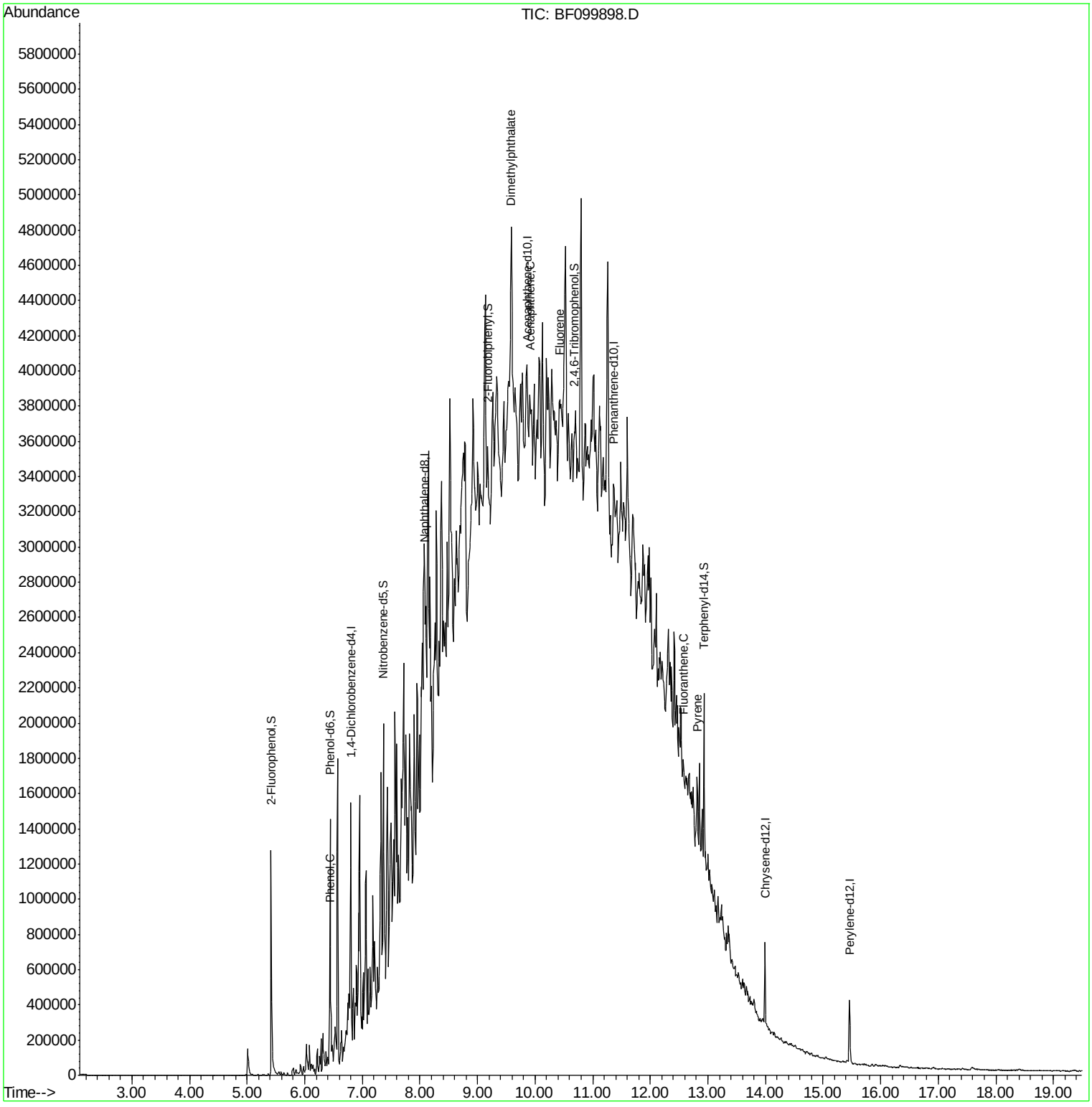
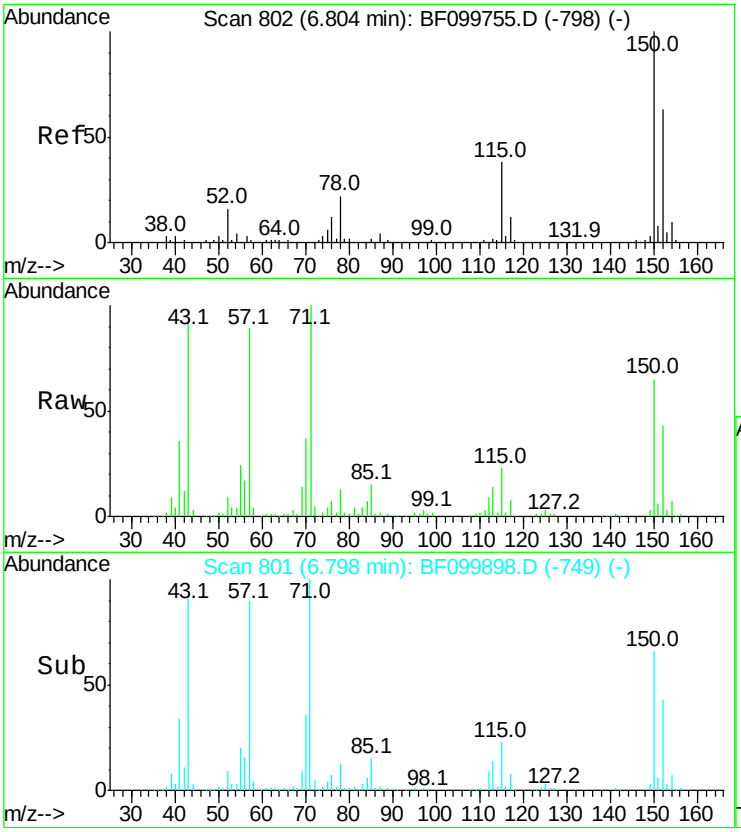


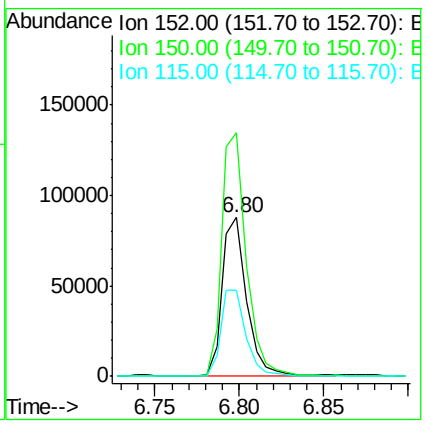


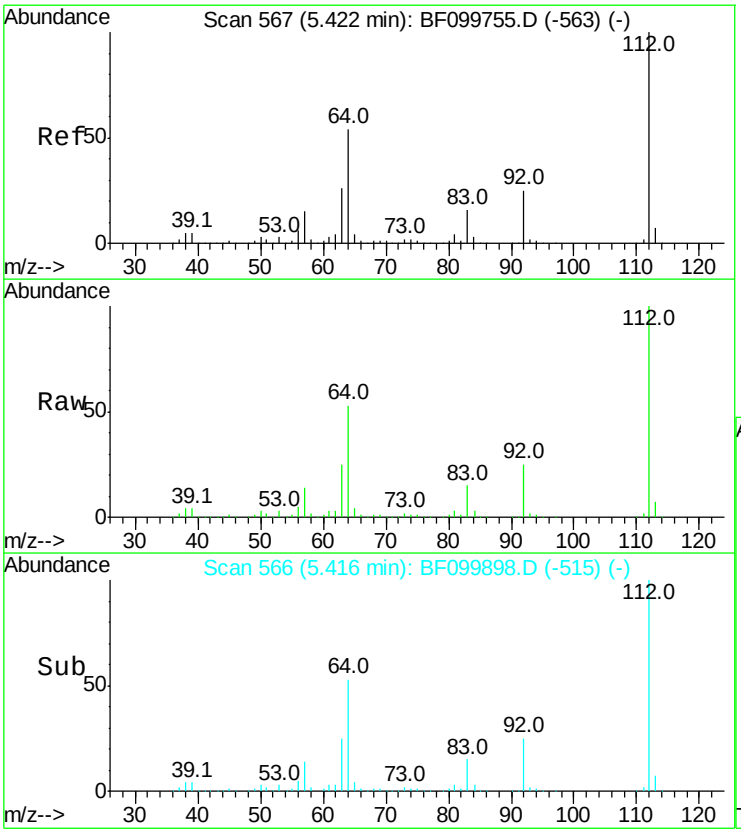
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(10-15)

Tgt Ion:152 Resp: 89401

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	54.0	50.1	75.1

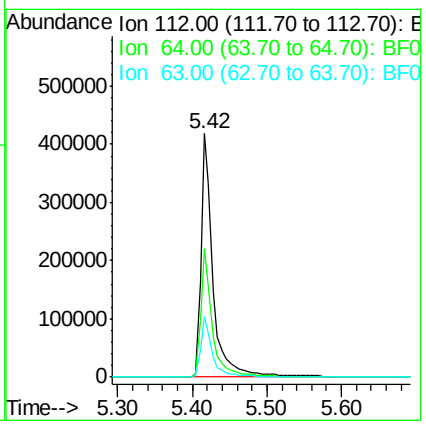


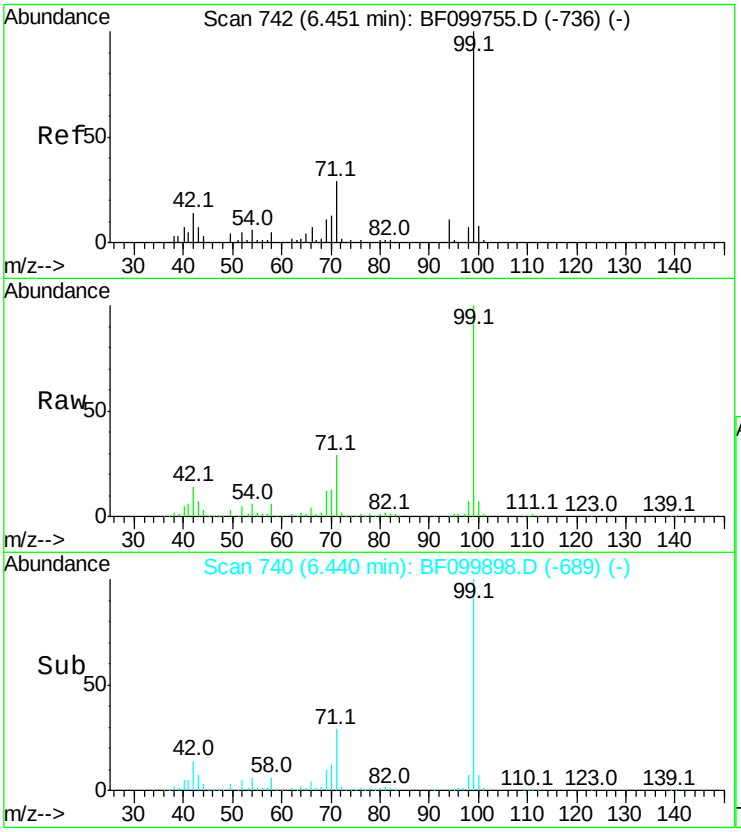


#5
2-Fluorophenol
Concen: 83.976 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:112 Resp: 478197

Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	24.9	23.7	35.5



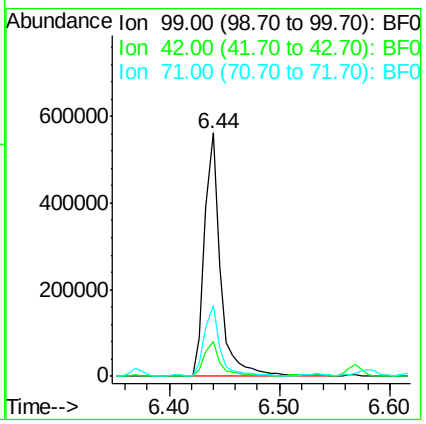


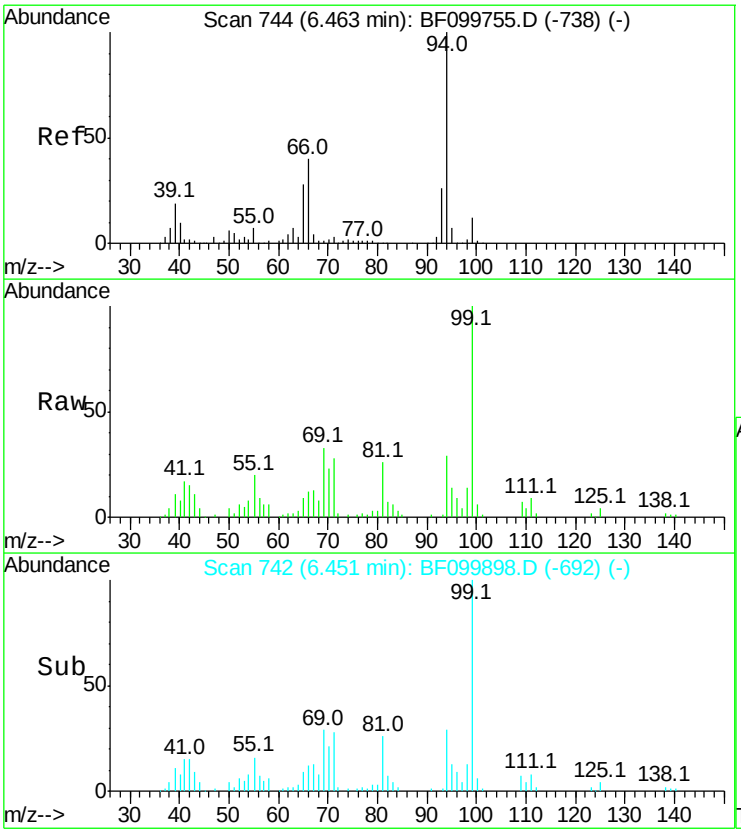
#7
Phenol-d6
Concen: 81.646 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(10-15)

Tgt Ion: 99 Resp: 551278

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	29.0	25.4	38.0

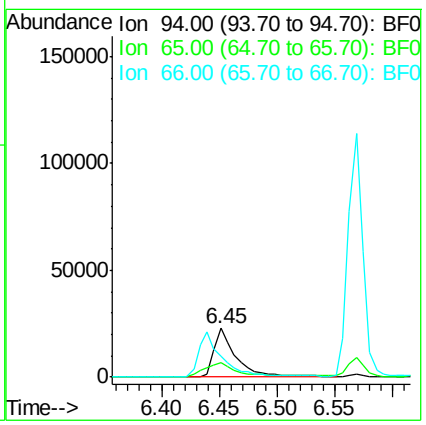


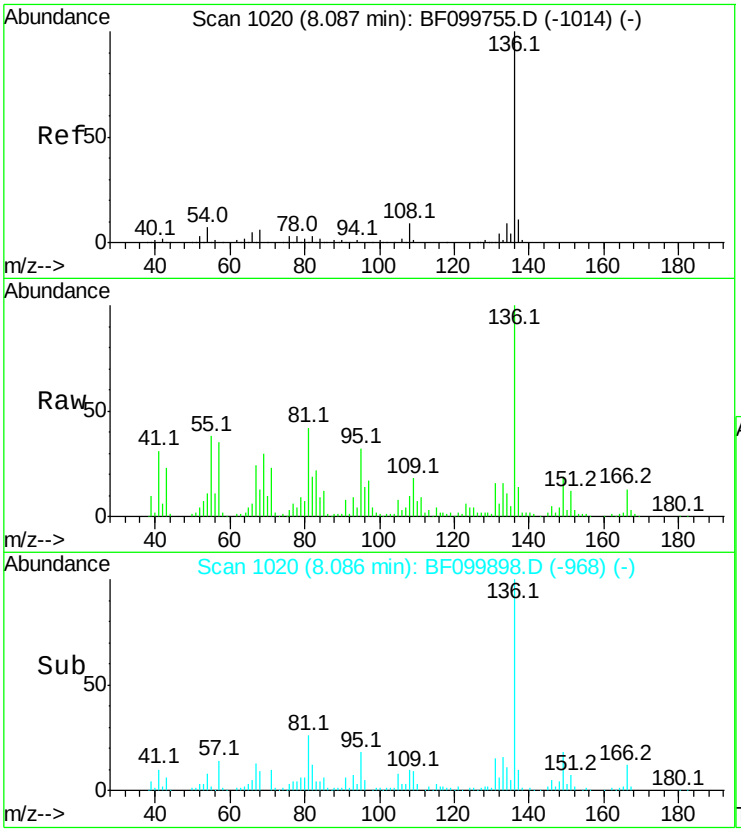


#10
Phenol
Concen: 4.154 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion: 94 Resp: 30795

Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.9	47.9
66	41.9	16.2	56.2



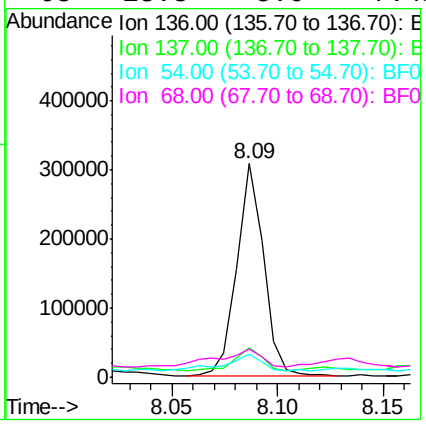


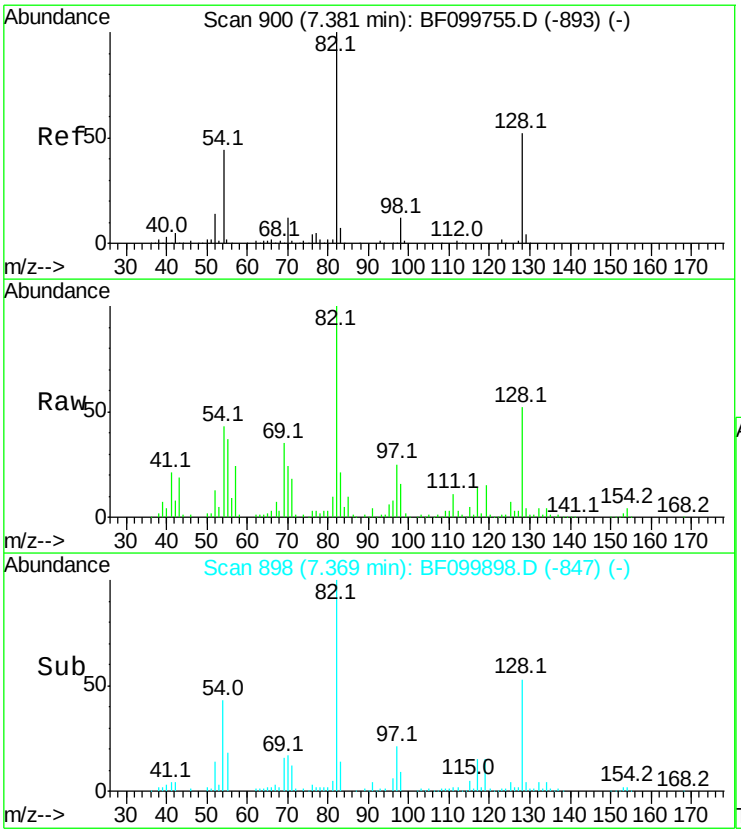
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(10-15)

Tgt Ion:136 Resp: 270173

Ion	Ratio	Lower	Upper
136	100		
137	13.9	8.9	13.3#
54	10.7	6.6	9.8#
68	13.3	5.0	7.4#

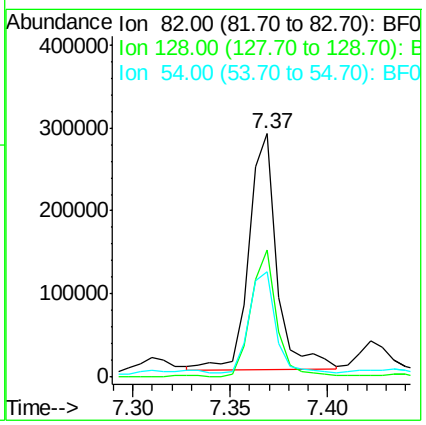


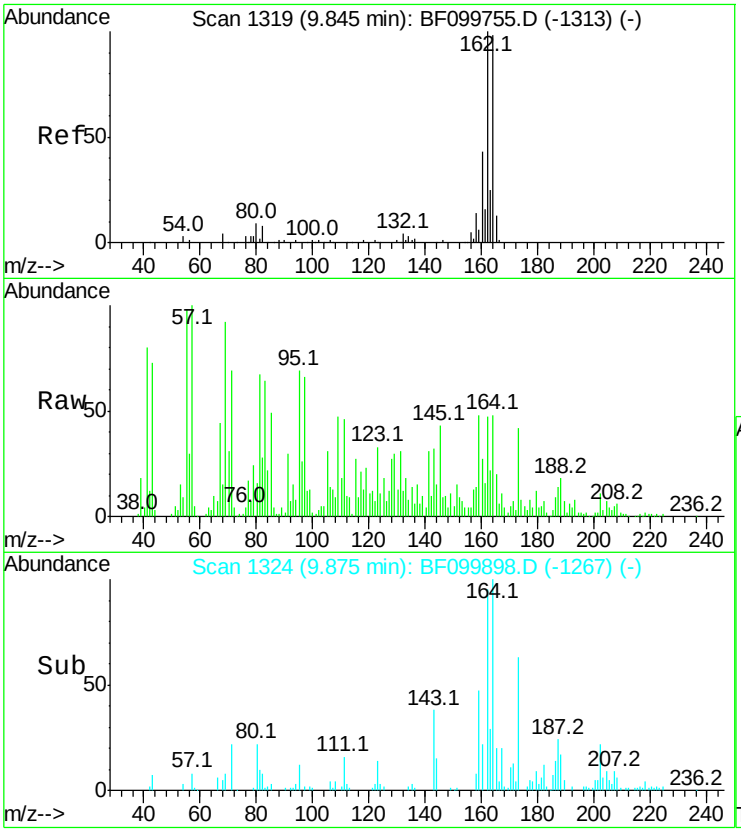


#23
Nitrobenzene-d5
Concen: 68.141 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion: 82 Resp: 285955

Ion	Ratio	Lower	Upper
82	100		
128	52.1	36.1	54.1
54	43.2	41.4	62.2



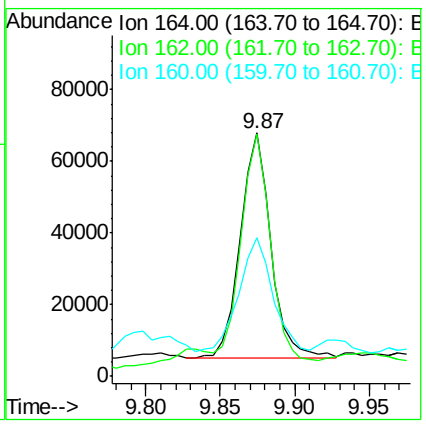


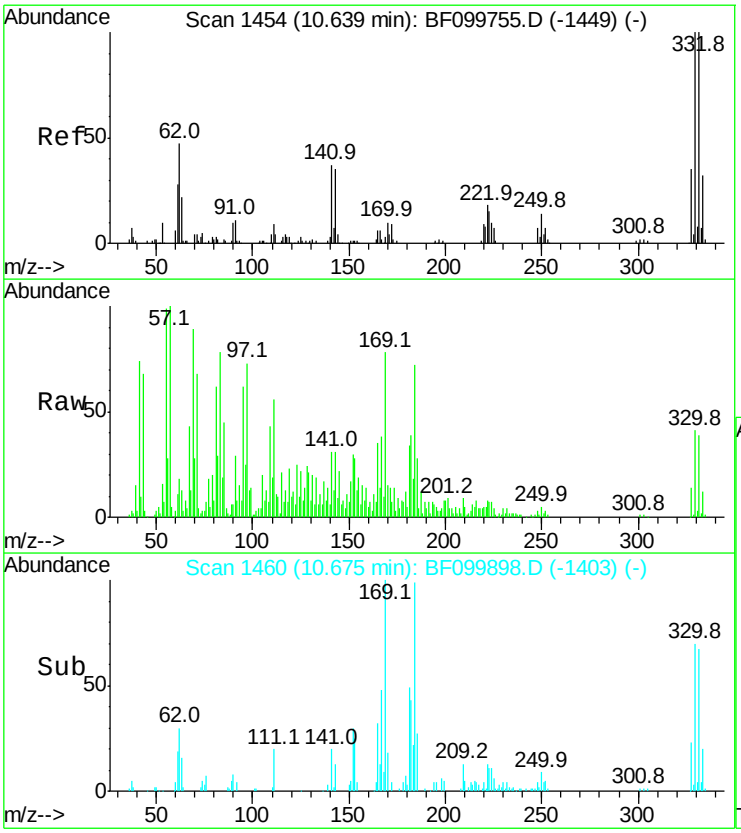
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.04 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(10-15)

Tgt Ion:164 Resp: 89503

Ion	Ratio	Lower	Upper
164	100		
162	99.3	86.1	129.1
160	57.0	38.3	57.5

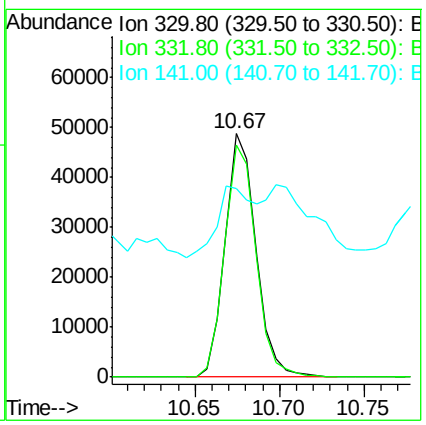


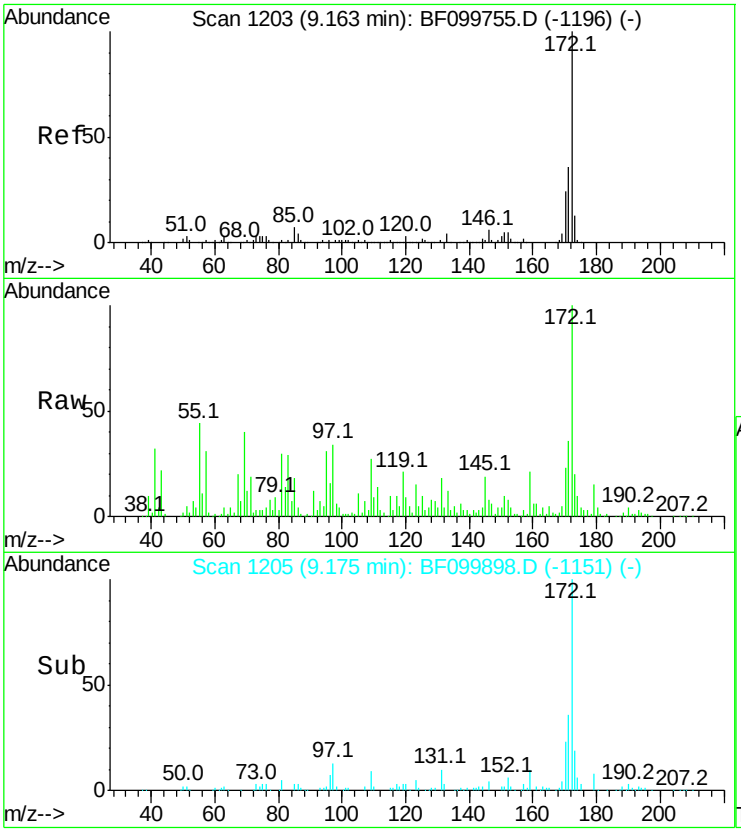


#41
2,4,6-Tribromophenol
Concen: 75.982 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.04 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:330 Resp: 61975

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.9	29.9	44.9



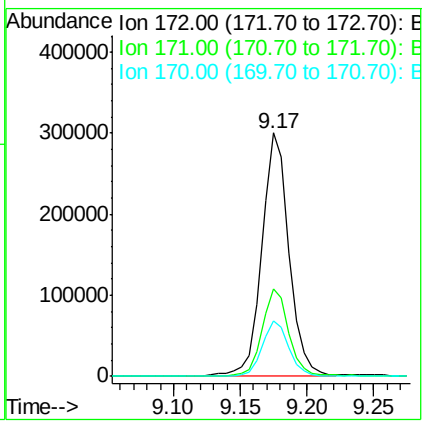


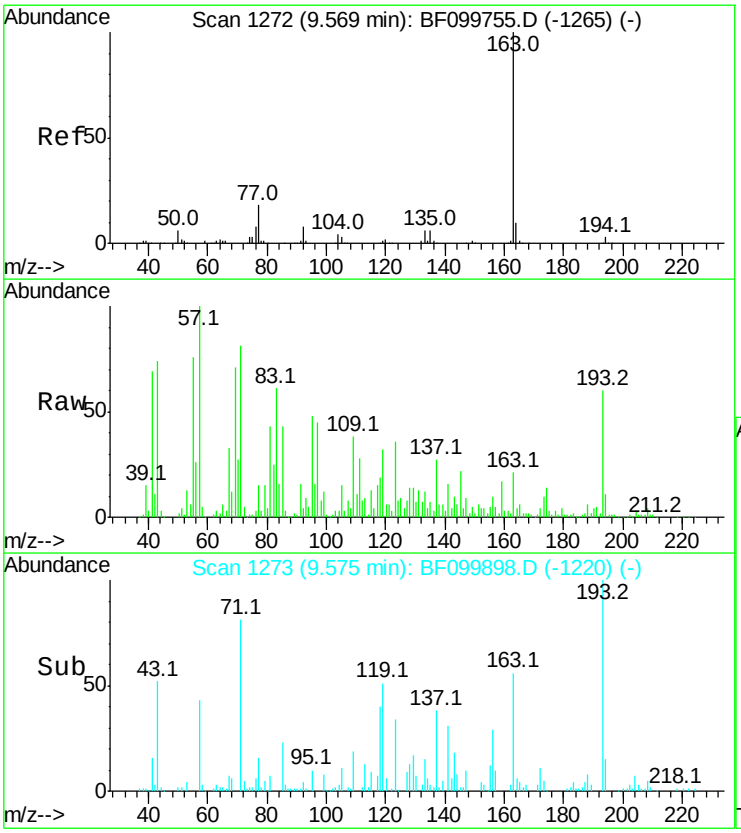
#44
2-Fluorobiphenyl
Concen: 72.413 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(10-15)

Tgt Ion:172 Resp: 420079

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	22.8	19.6	29.4

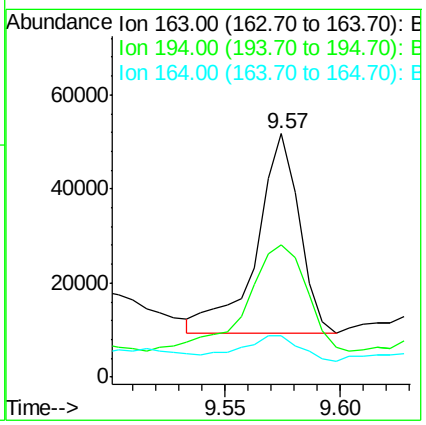


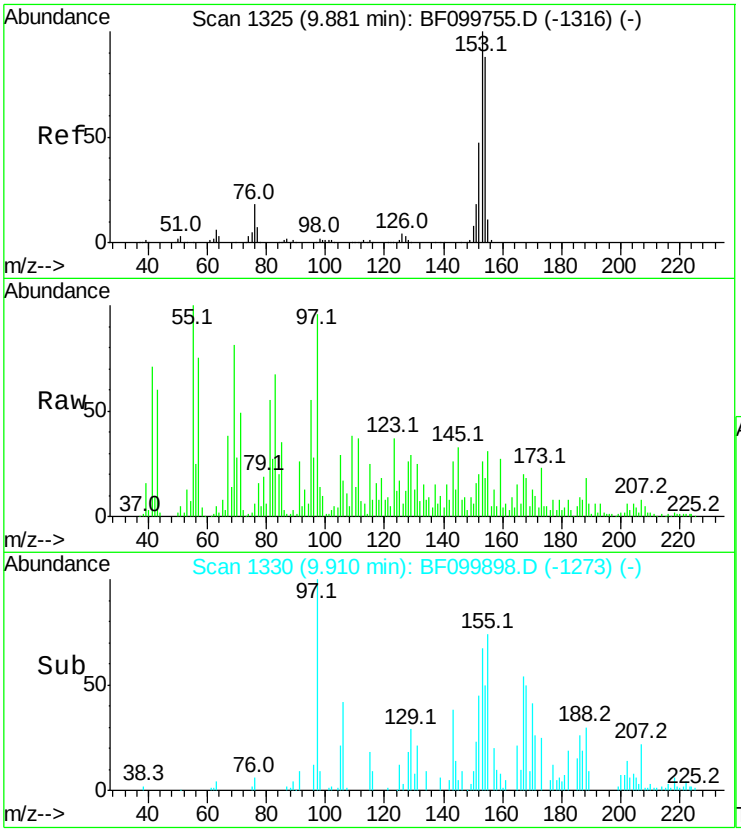


#49
Dimethylphthalate
Concen: 7.726 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:163 Resp: 54760

Ion	Ratio	Lower	Upper
163	100		
194	54.6	2.7	4.1#
164	17.0	8.2	12.2#



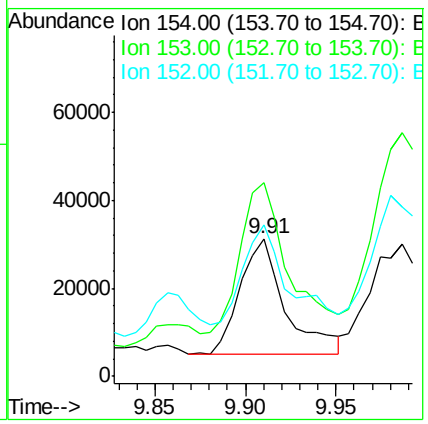


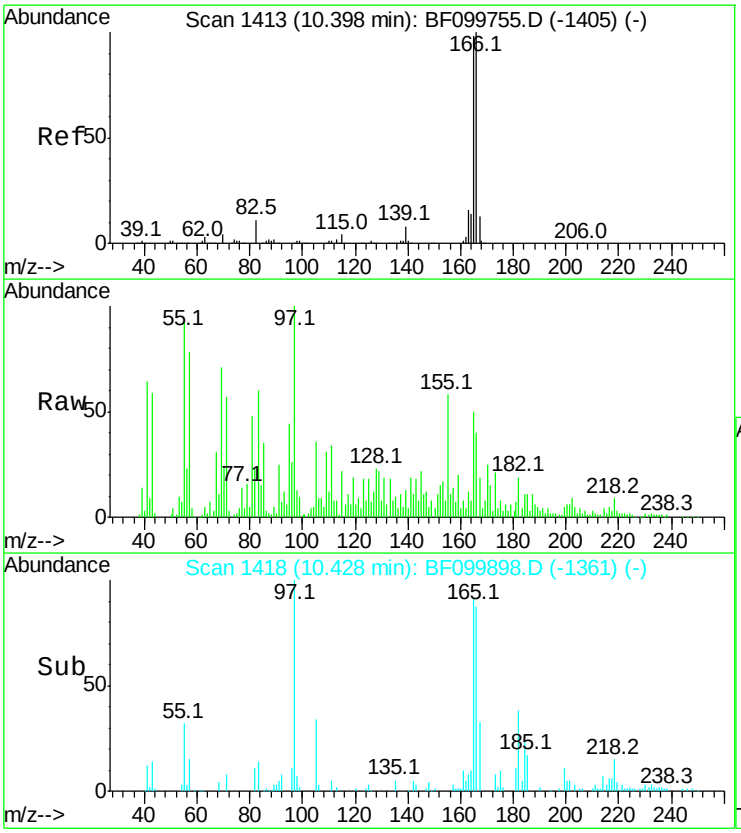
#51
Acenaphthene
Concen: 8.334 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.04 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(10-15)

Tgt Ion:154 Resp: 46117

Ion	Ratio	Lower	Upper
154	100		
153	141.4	91.2	136.8#
152	110.5	43.8	65.8#

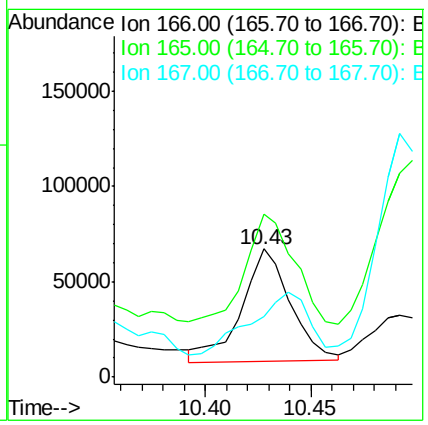


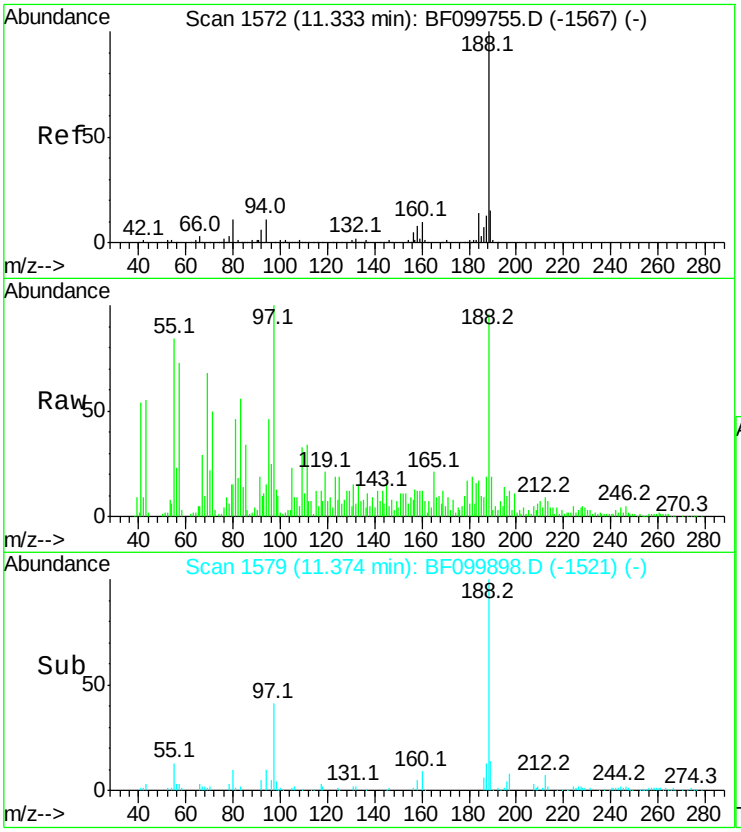


#57
Fluorene
Concen: 14.783 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.04 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:166 Resp: 95609

Ion	Ratio	Lower	Upper
166	100		
165	127.2	79.8	119.8#
167	47.0	10.6	16.0#



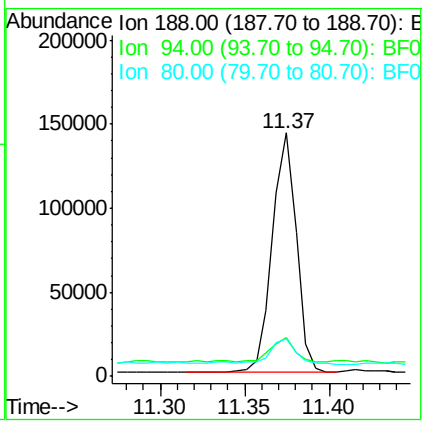


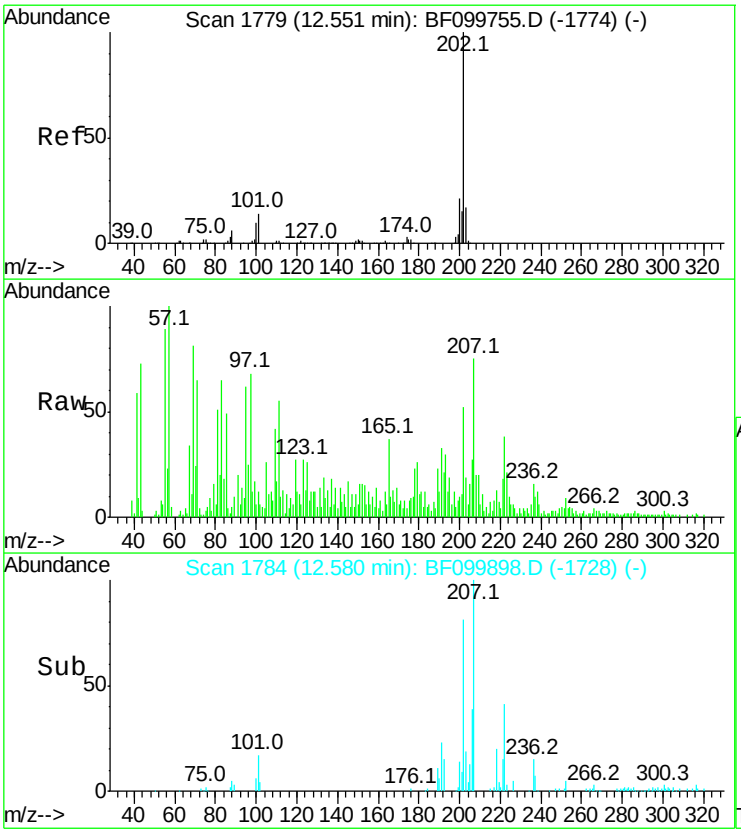
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.04 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(10-15)

Tgt Ion:188 Resp: 141566

Ion	Ratio	Lower	Upper
188	100		
94	15.8	8.5	12.7#
80	15.3	9.2	13.8#

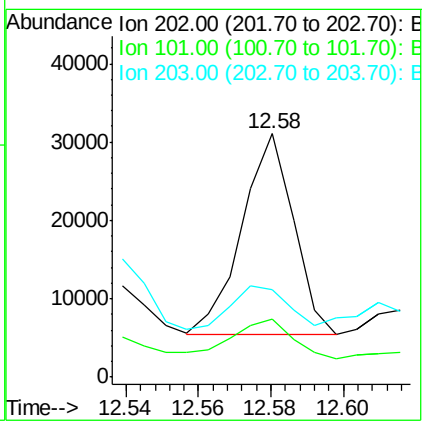


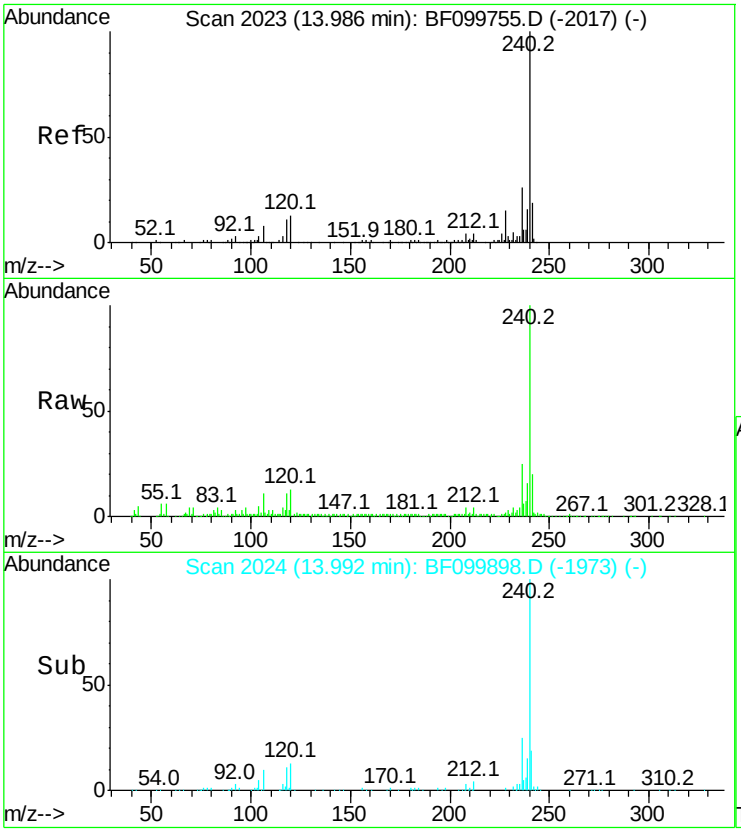


#74
Fluoranthene
Concen: 3.038 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.03 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:202 Resp: 25224

Ion	Ratio	Lower	Upper
202	100		
101	23.8	0.0	34.1
203	36.1	0.0	38.1



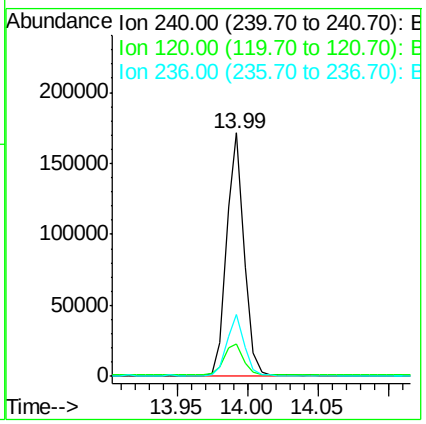


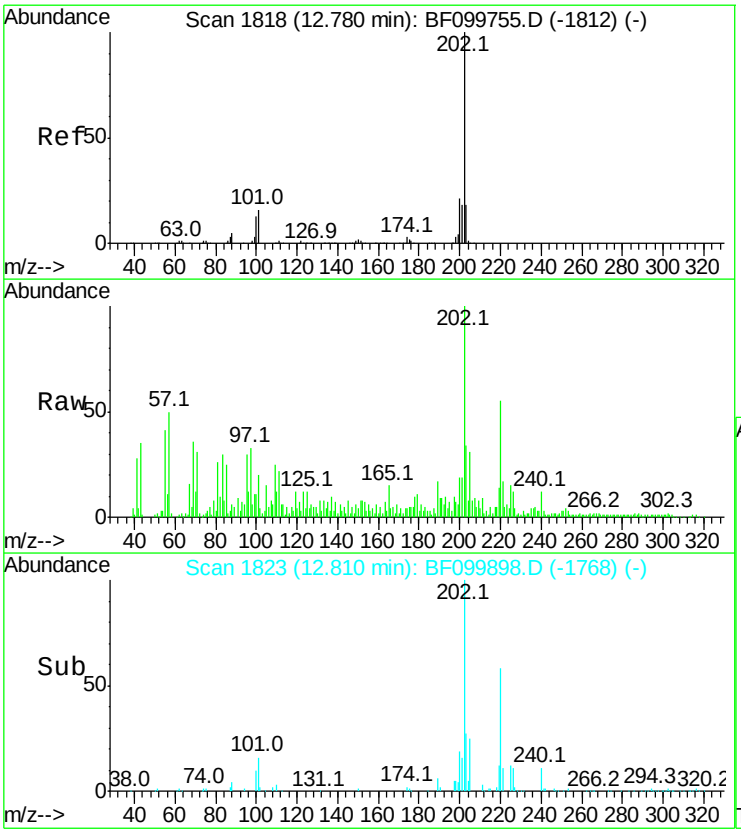
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(10-15)

Tgt Ion:240 Resp: 145967

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.5	20.7	31.1

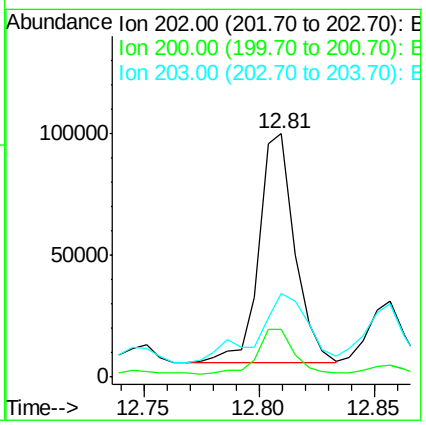


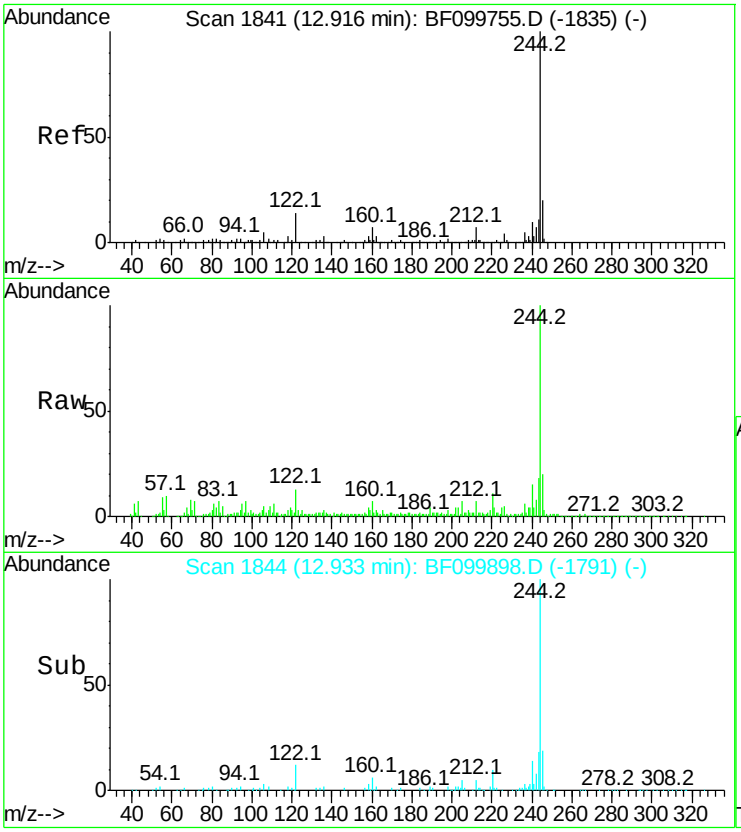


#77
Pyrene
Concen: 9.174 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.02 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:202 Resp: 101822

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.4	26.2
203	34.2	14.3	21.5#



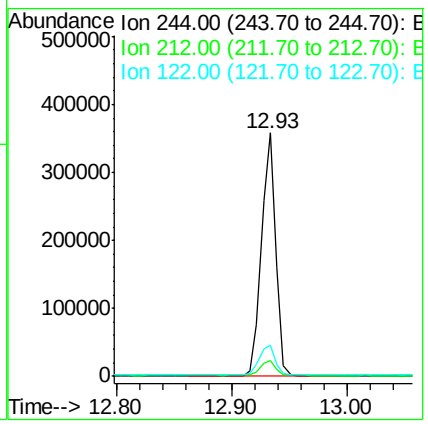


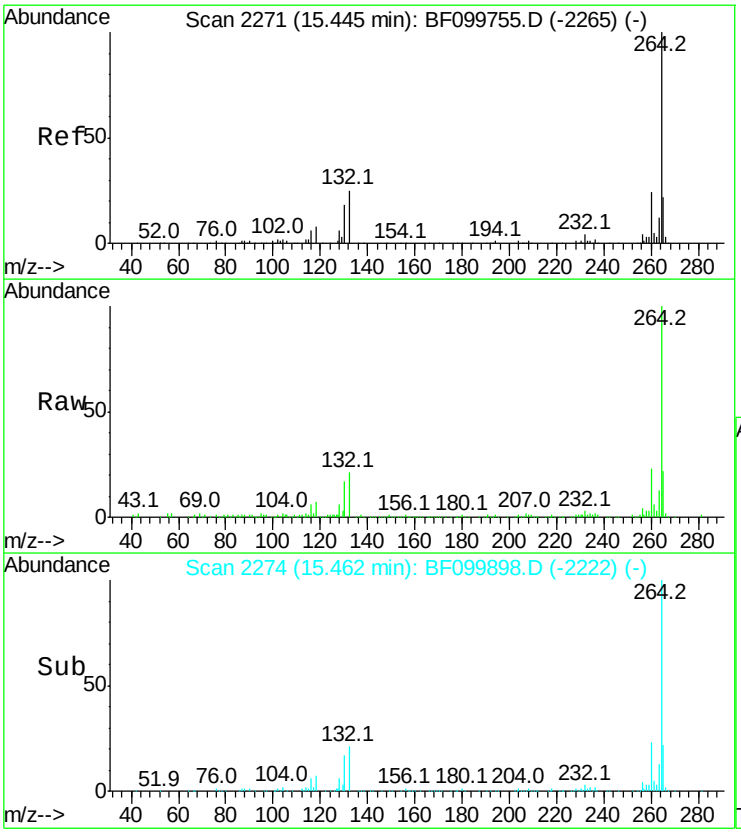
#78
Terphenyl-d14
Concen: 46.611 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Instrument :
BNA_F
ClientSampleId :
ENV-116-6(10-15)

Tgt Ion:244 Resp: 311330

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF099898.D
Acq: 28 Oct 2017 1:59

Tgt Ion:264 Resp: 167113

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.6	17.5	26.3