Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096773.D
Acq On : 14 Jul 2017 14:03
Operator : SJ/JU
Sample : I4172-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-05-ESW

Quant Time: Jul 14 18:15:21 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	106120	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	435687	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	181905	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	258469	20.00	ng	0.00
75) Chrysene-d12	13.77	240	175407	20.00	ng	0.00
86) Perylene-d12	15.16	264	179987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	868305	123.03	ng	0.02
7) Phenol-d6	6.29	99	1115119	131.66	ng	0.00
23) Nitrobenzene-d5	7.20	82	624654	88.81	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	143237	92.25	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	985339	85.58	ng	0.00
78) Terphenyl-d14	12.73	244	563751	55.74	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.39	163	187985	13.725	ng	98
85) Indeno(1,2,3-cd)pyrene	16.46	276	6808	3.987	ng #	89

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

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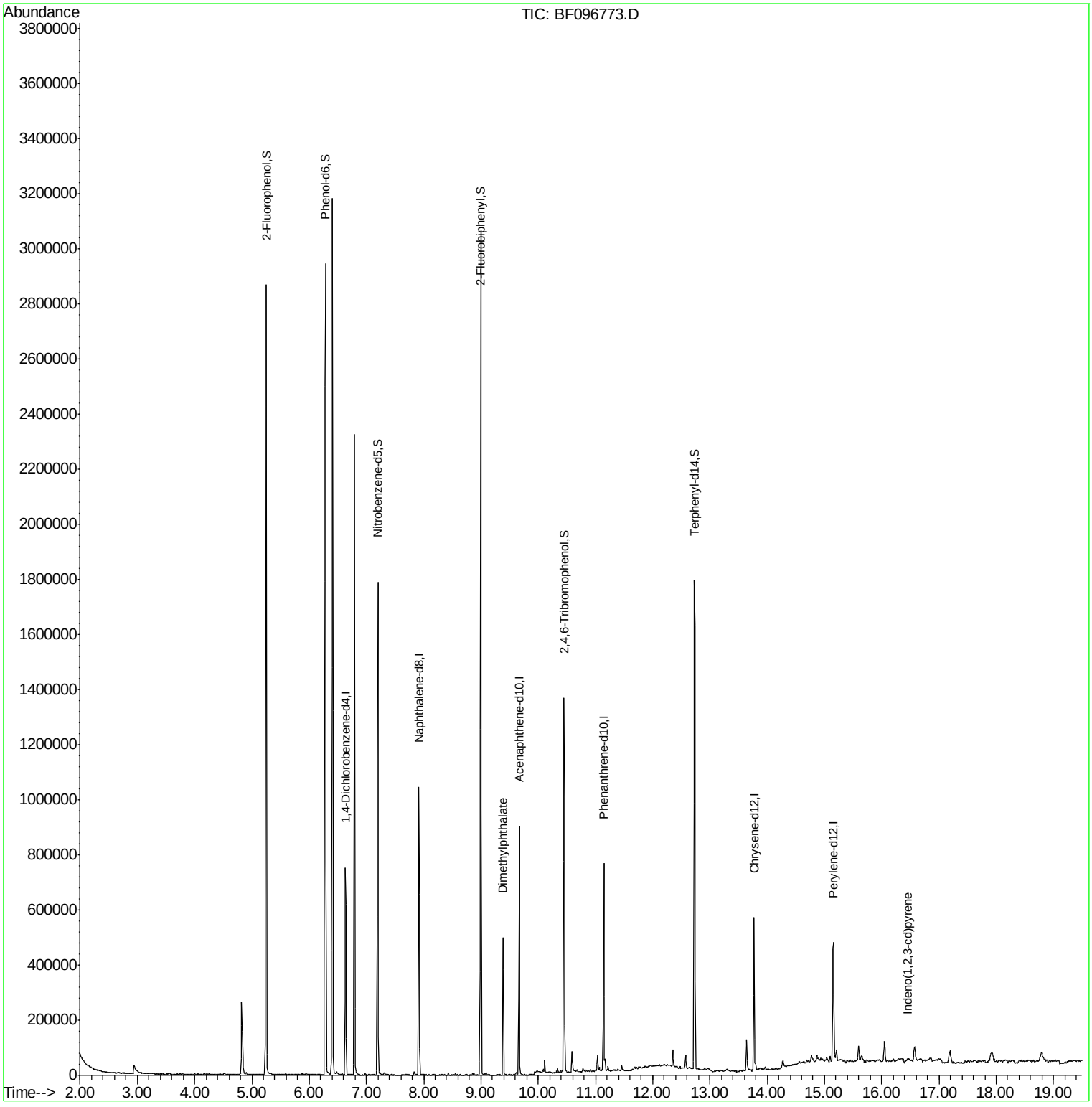
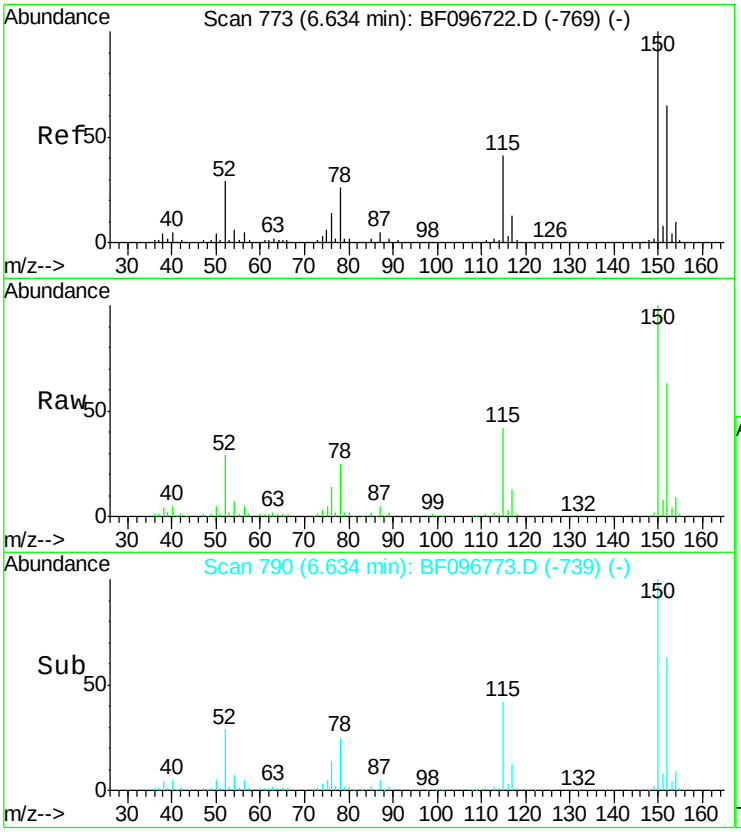


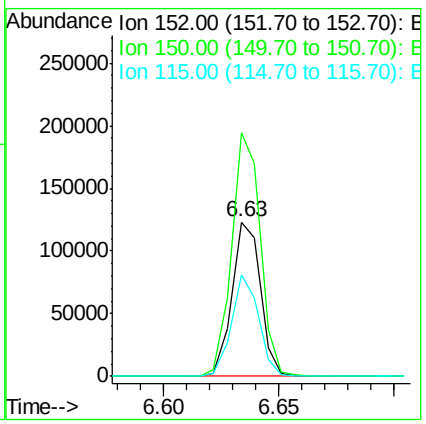


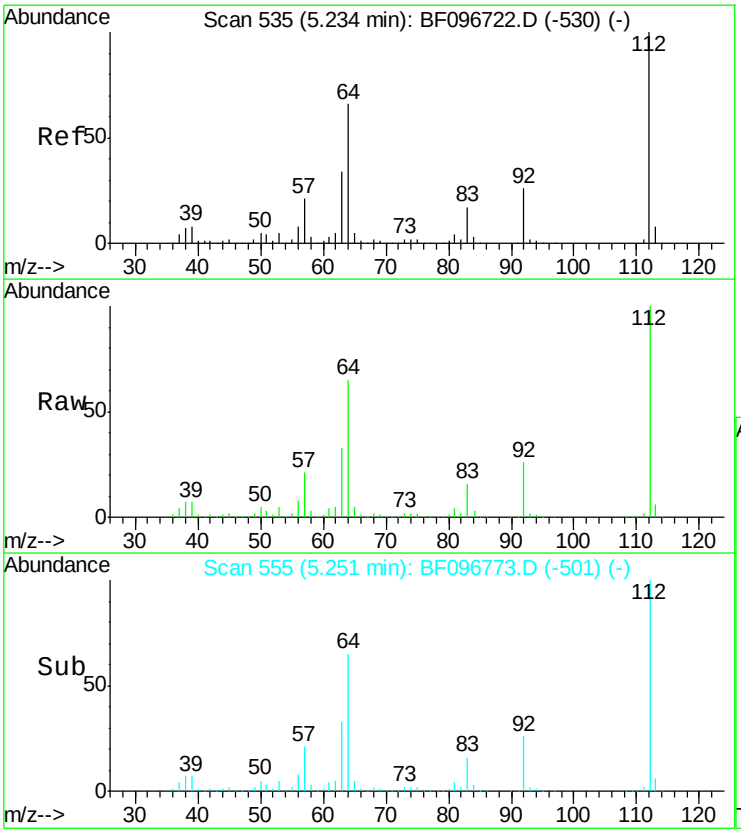
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :
E2-05-ESW

Tgt Ion:152 Resp: 106120

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	65.7	52.2	78.2

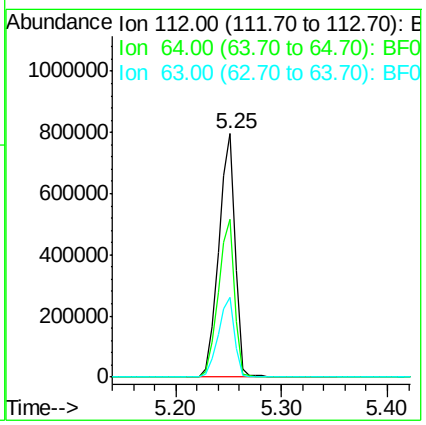


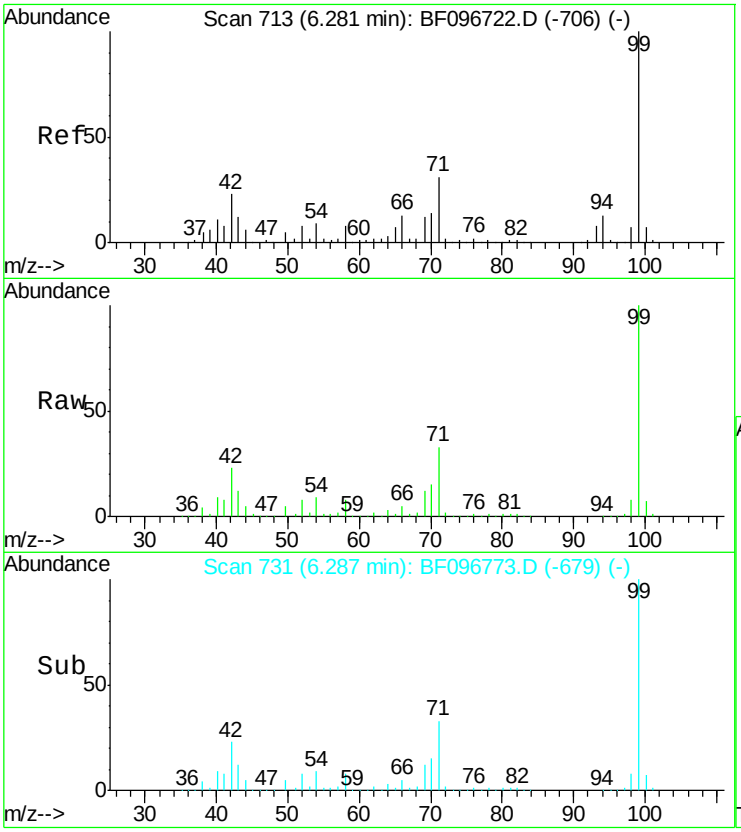


#5
2-Fluorophenol
Concen: 123.028 ng
RT: 5.25 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:112 Resp: 868305

Ion	Ratio	Lower	Upper
112	100		
64	65.0	46.0	69.0
63	33.0	23.4	35.0



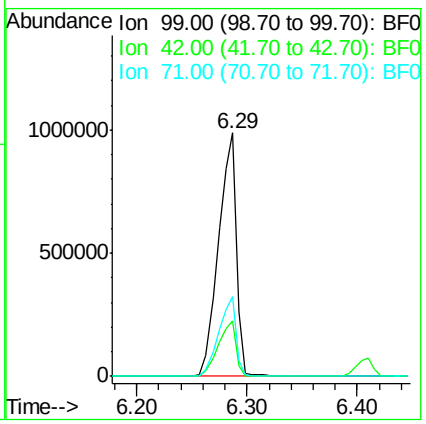


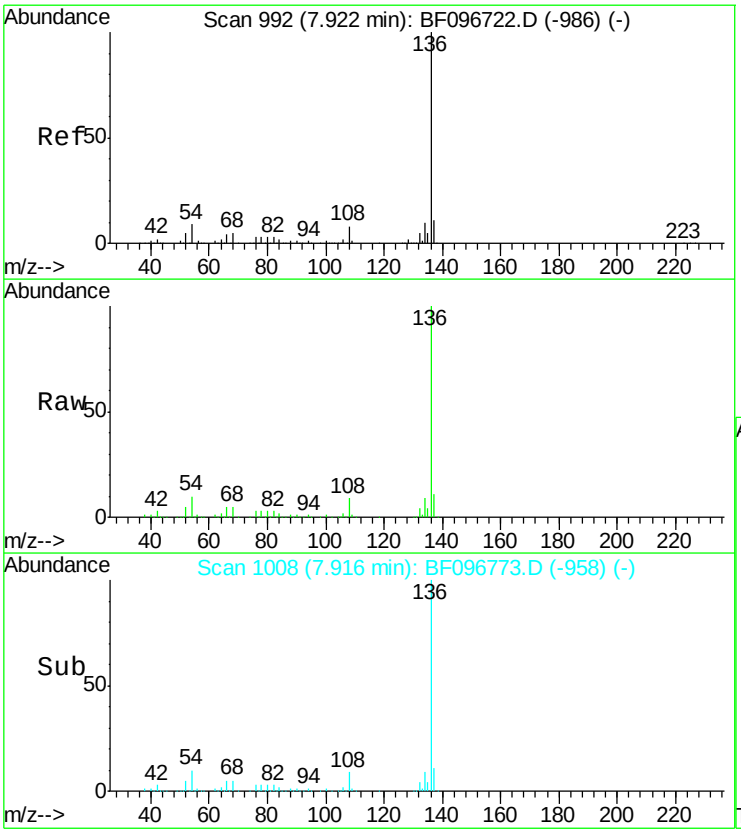
#7
Phenol-d6
Concen: 131.662 ng
RT: 6.29 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :
E2-05-ESW

Tgt Ion: 99 Resp: 1115119

Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	32.7	24.5	36.7

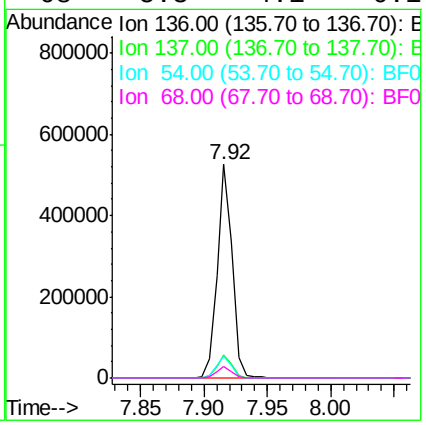


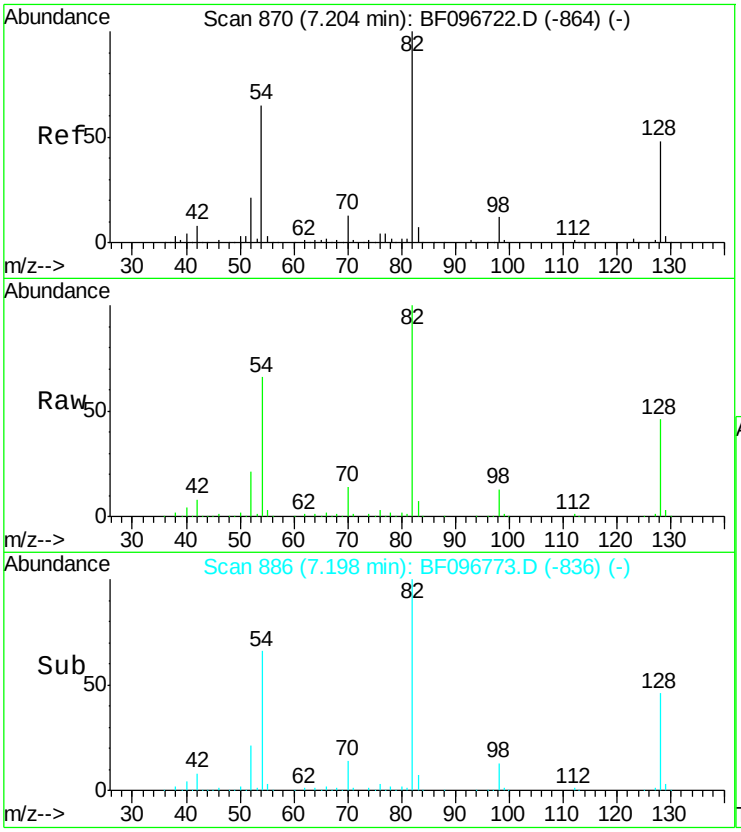


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:136 Resp: 435687

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.4	4.9	7.3#
68	5.3	4.1	6.1



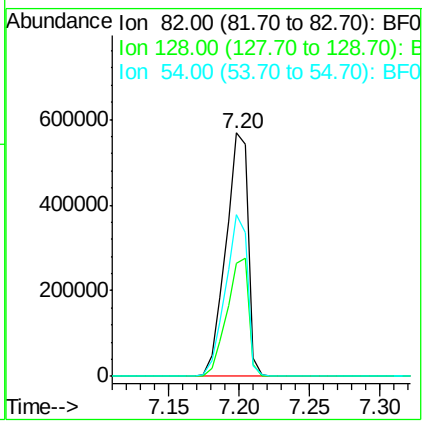


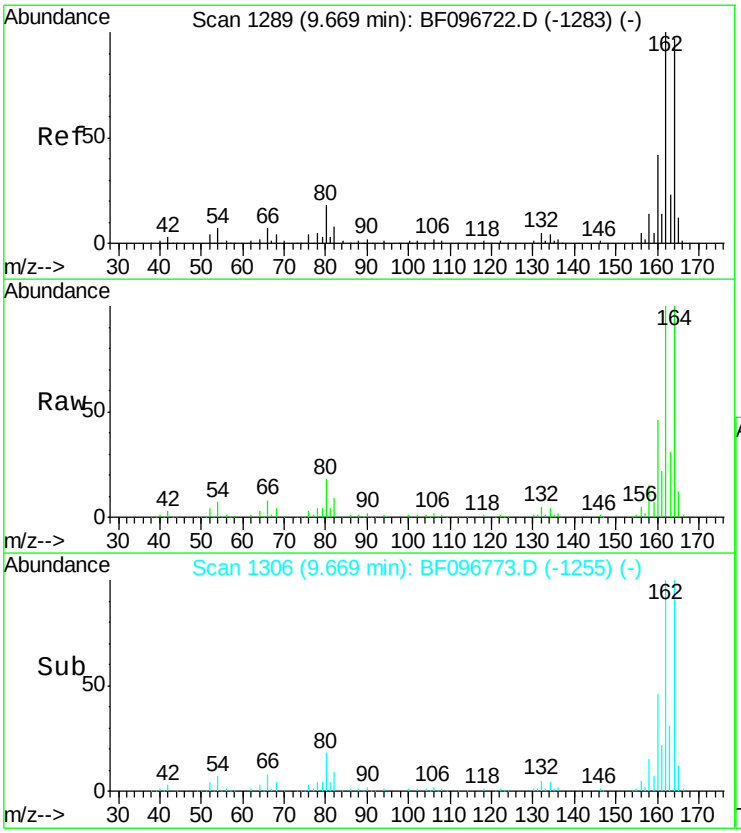
#23
Nitrobenzene-d5
Concen: 88.806 ng
RT: 7.20 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :
E2-05-ESW

Tgt Ion: 82 Resp: 624654

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	66.3	42.2	63.2#

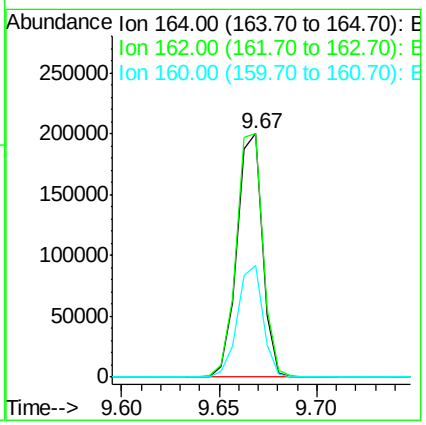


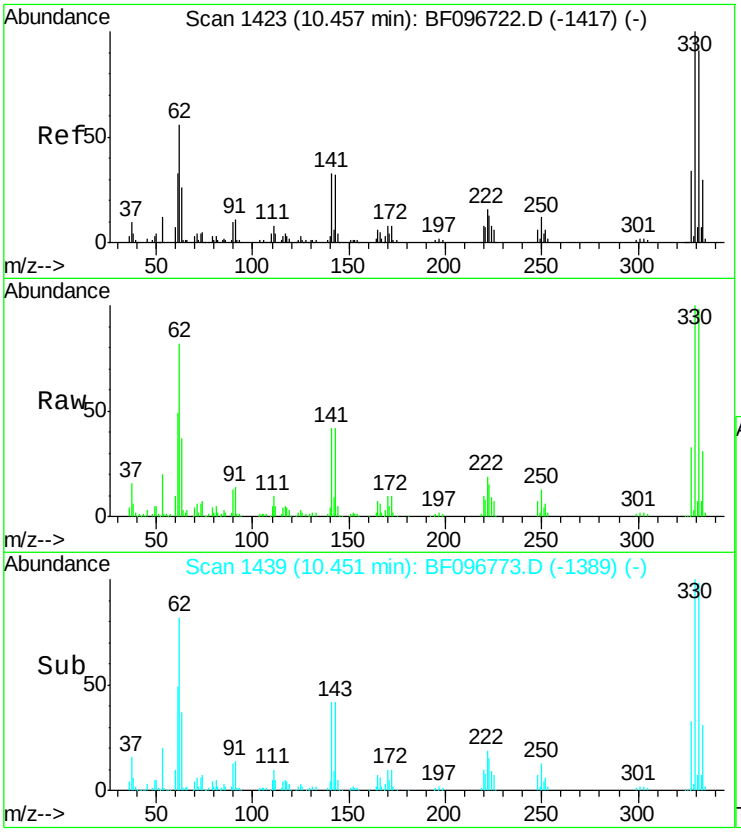


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:164 Resp: 181905

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.6	123.8
160	45.8	36.2	54.2



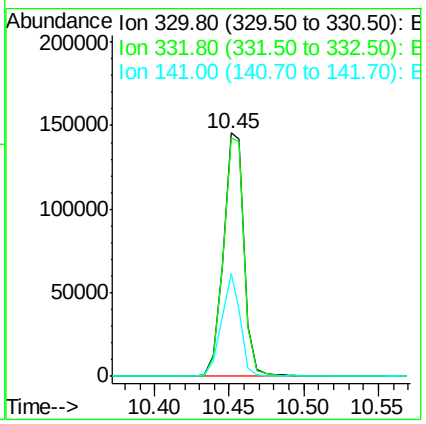


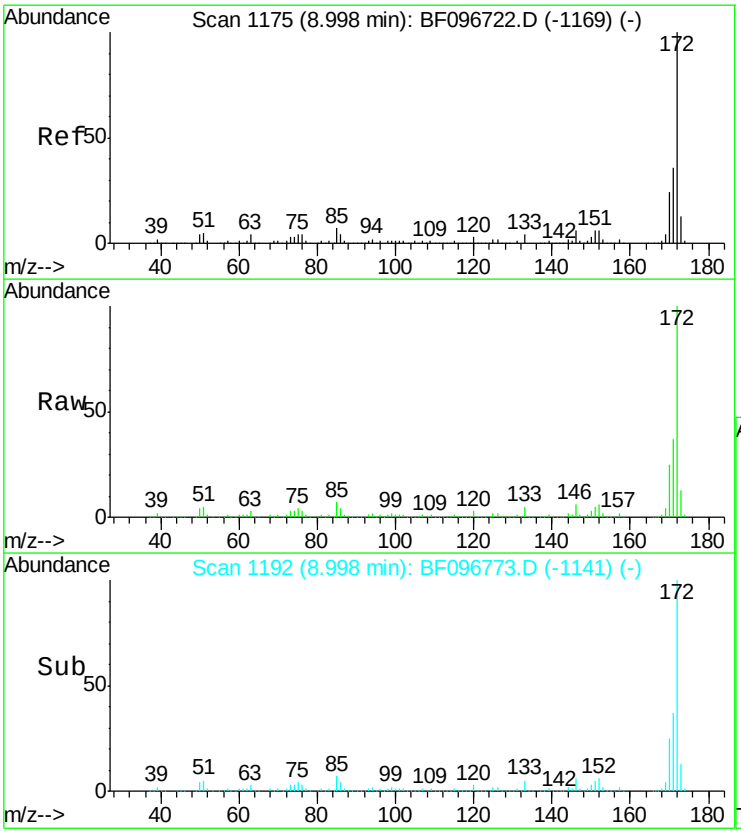
#41
2,4,6-Tribromophenol
Concen: 92.249 ng
RT: 10.45 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :
E2-05-ESW

Tgt Ion:330 Resp: 143237

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	38.3	31.4	47.2

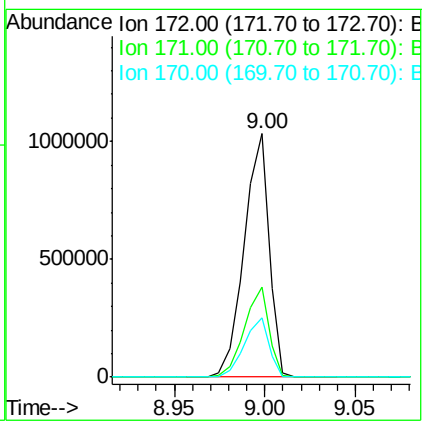


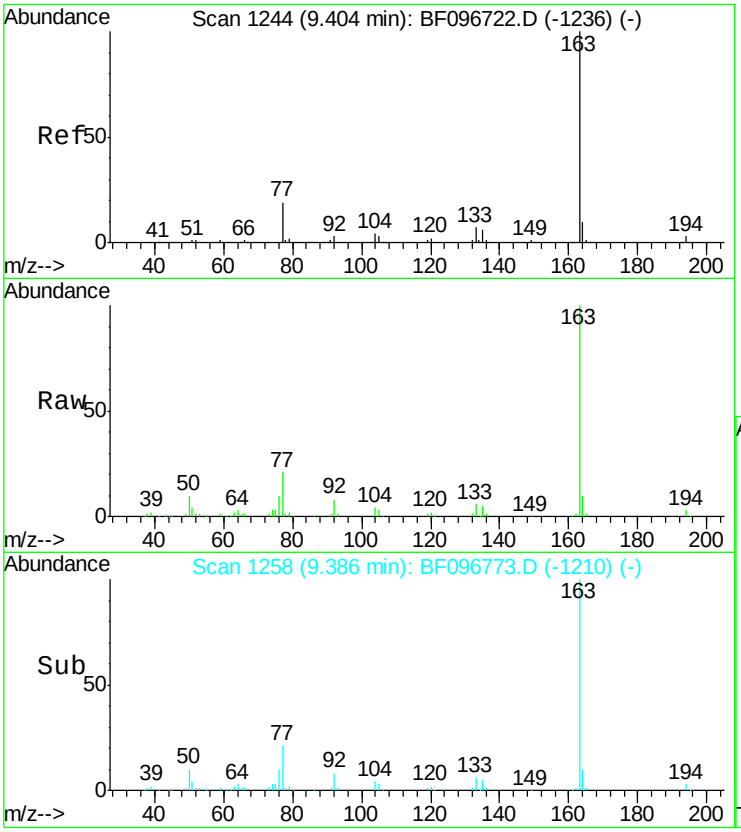


#44
2-Fluorobiphenyl
Concen: 85.581 ng
RT: 9.00 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:172 Resp: 985339

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.5	19.8	29.8



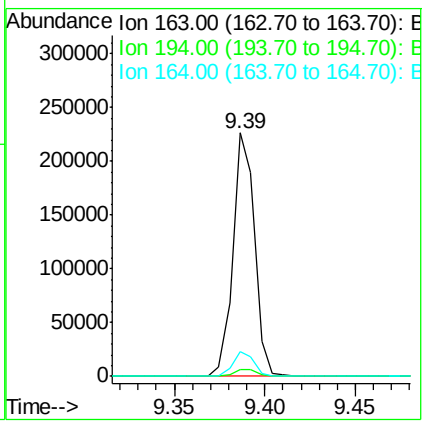


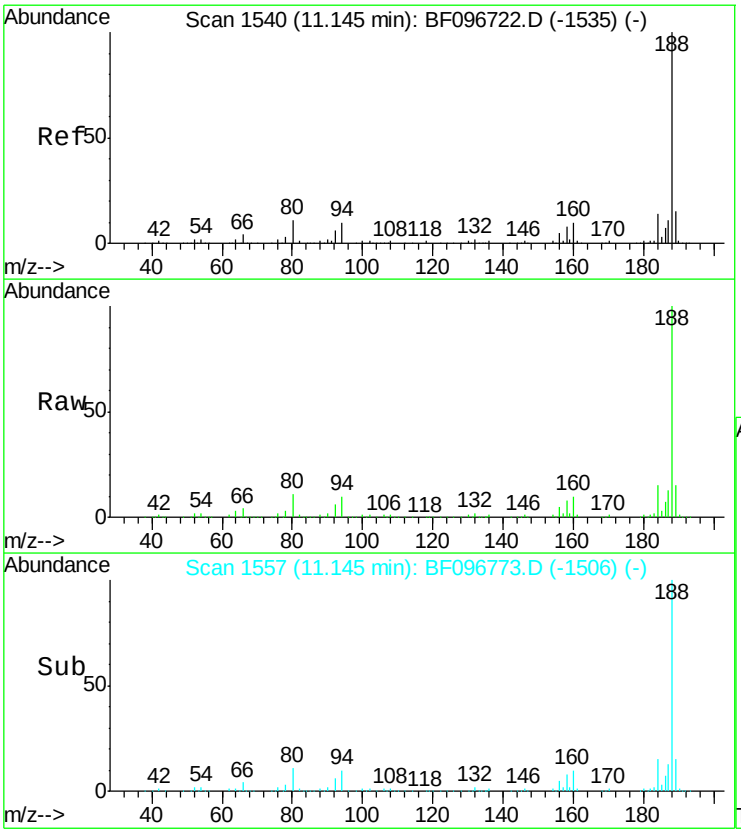
#49
Dimethylphthalate
Concen: 13.725 ng
RT: 9.39 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :
E2-05-ESW

Tgt Ion:163 Resp: 187985

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	4.0
164	9.9	8.4	12.6

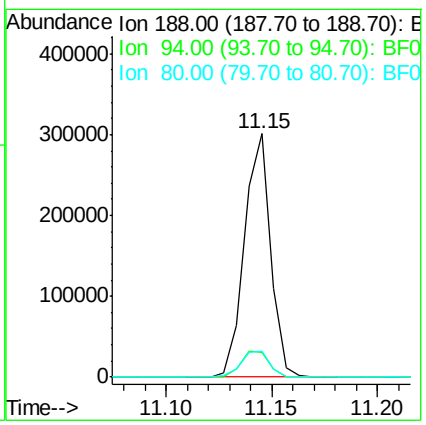


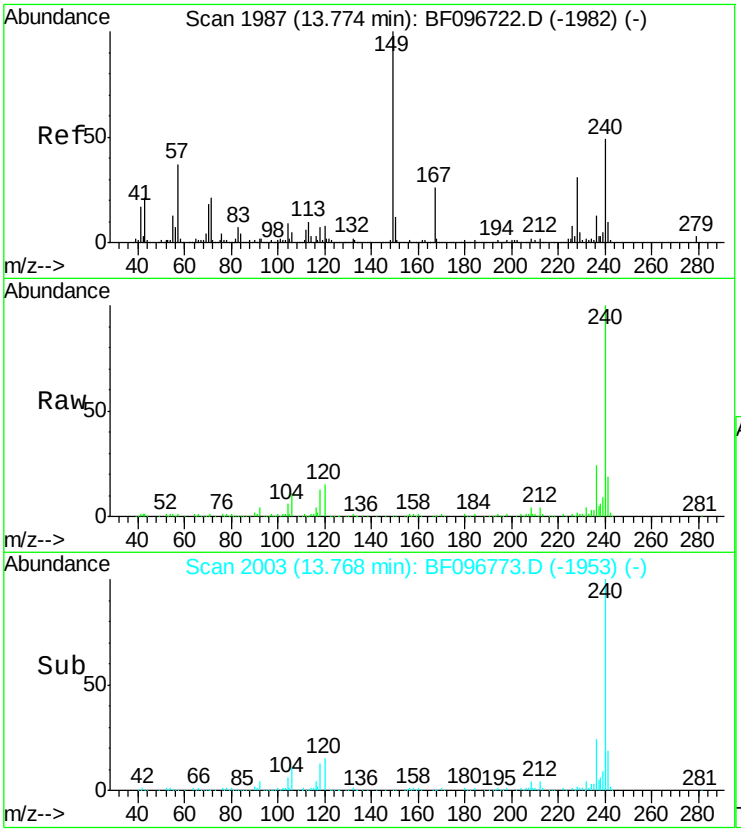


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:188 Resp: 258469

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.7	10.2	15.2



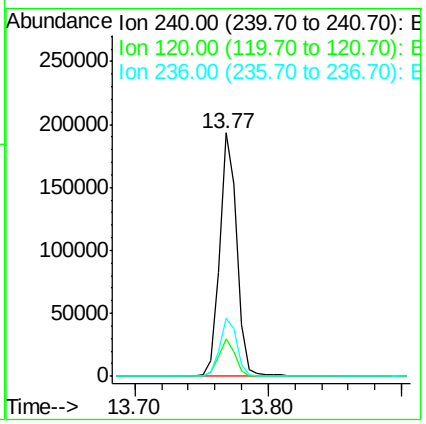


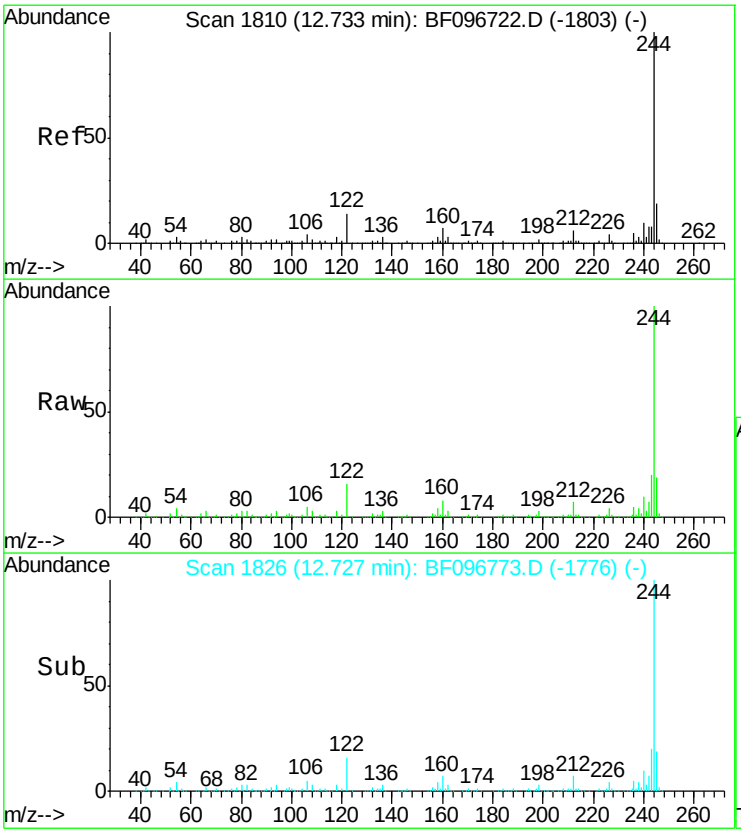
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :
E2-05-ESW

Tgt Ion:240 Resp: 175407

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	24.1	20.5	30.7

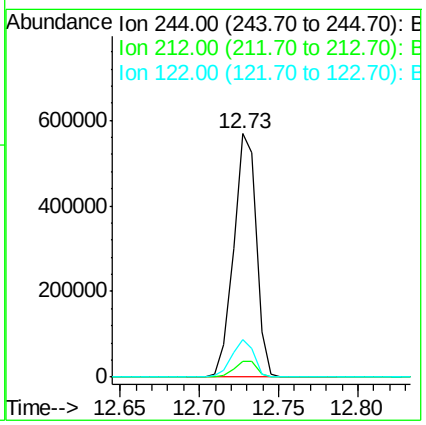


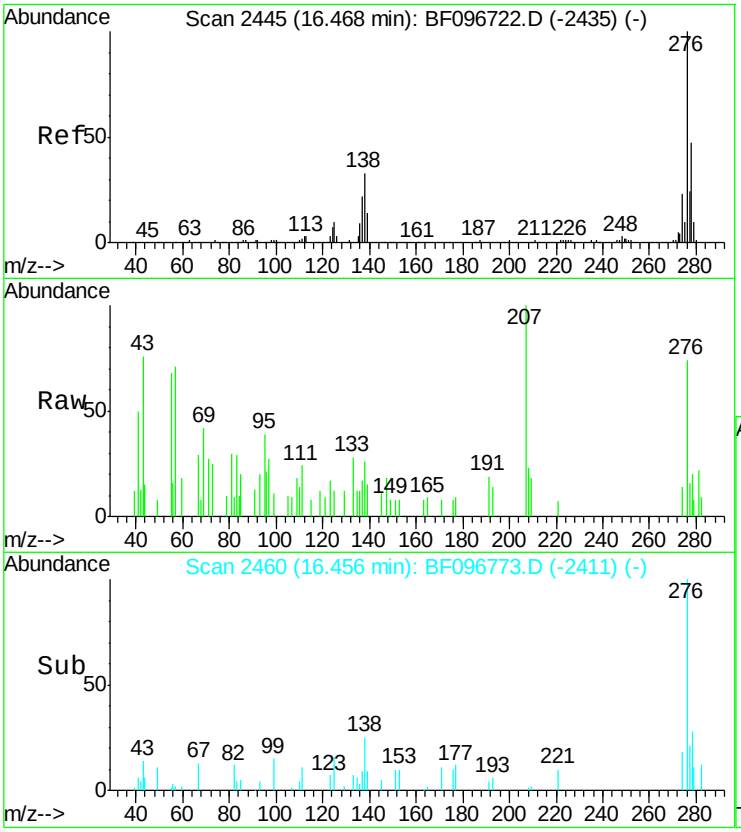


#78
Terphenyl-d14
Concen: 55.738 ng
RT: 12.73 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:244 Resp: 563751

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.7	10.3	15.5#



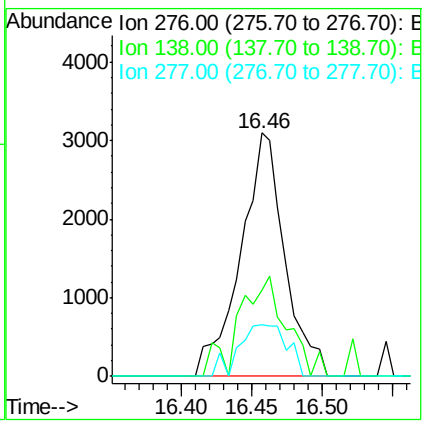


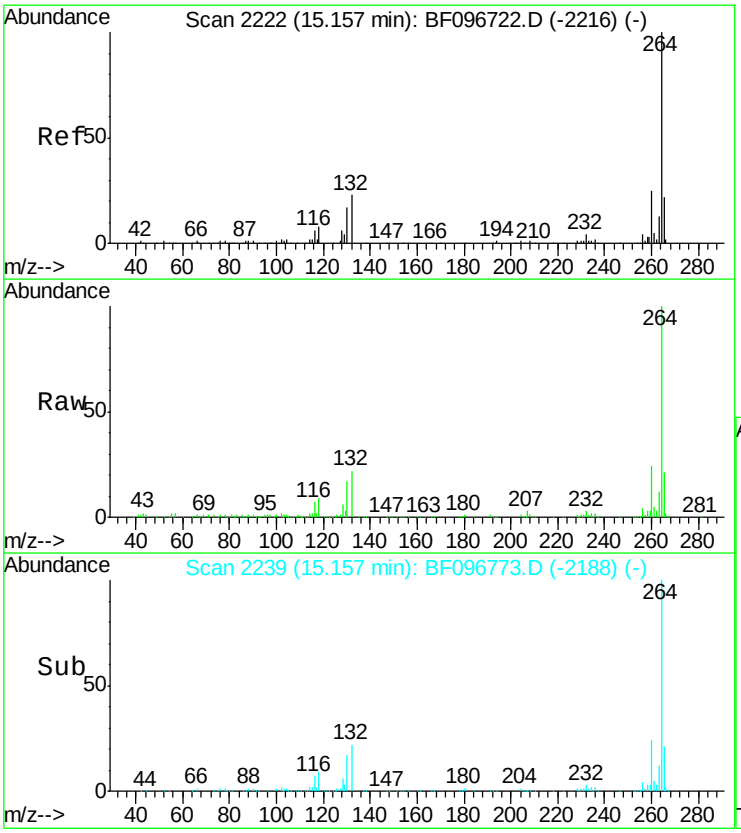
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.987 ng
RT: 16.46 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :
E2-05-ESW

Tgt Ion:276 Resp: 6808

Ion	Ratio	Lower	Upper
276	100		
138	44.3	27.8	41.6#
277	23.1	20.2	30.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF096773.D
Acq: 14 Jul 2017 14:03

Tgt Ion:264 Resp: 179987

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.4	17.2	25.8