Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062717\
Data File : BF096240.D
Acq On : 28 Jun 2017 2:20
Operator : SJ/MA
Sample : I3870-02DL 100X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26D-GWDL

Quant Time: Jun 28 06:08:44 2017
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 27 15:17:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	154836	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	579545	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	207139	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	334232	20.00	ng	0.00
75) Chrysene-d12	13.92	240	285716	20.00	ng	0.00
86) Perylene-d12	15.34	264	197194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1073	0.10	ng	0.00
7) Phenol-d6	6.40	99	2164	0.17	ng	0.00
23) Nitrobenzene-d5	7.33	82	7289	0.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	290	0.18	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	14417	1.27	ng	-0.02
78) Terphenyl-d14	12.87	244	10255	0.90	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.72	122	51346	5.977	ng	92
31) Naphthalene	8.09	128	1388679	49.716	ng	100
37) 2-Methylnaphthalene	8.77	142	70842	3.904	ng	95

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

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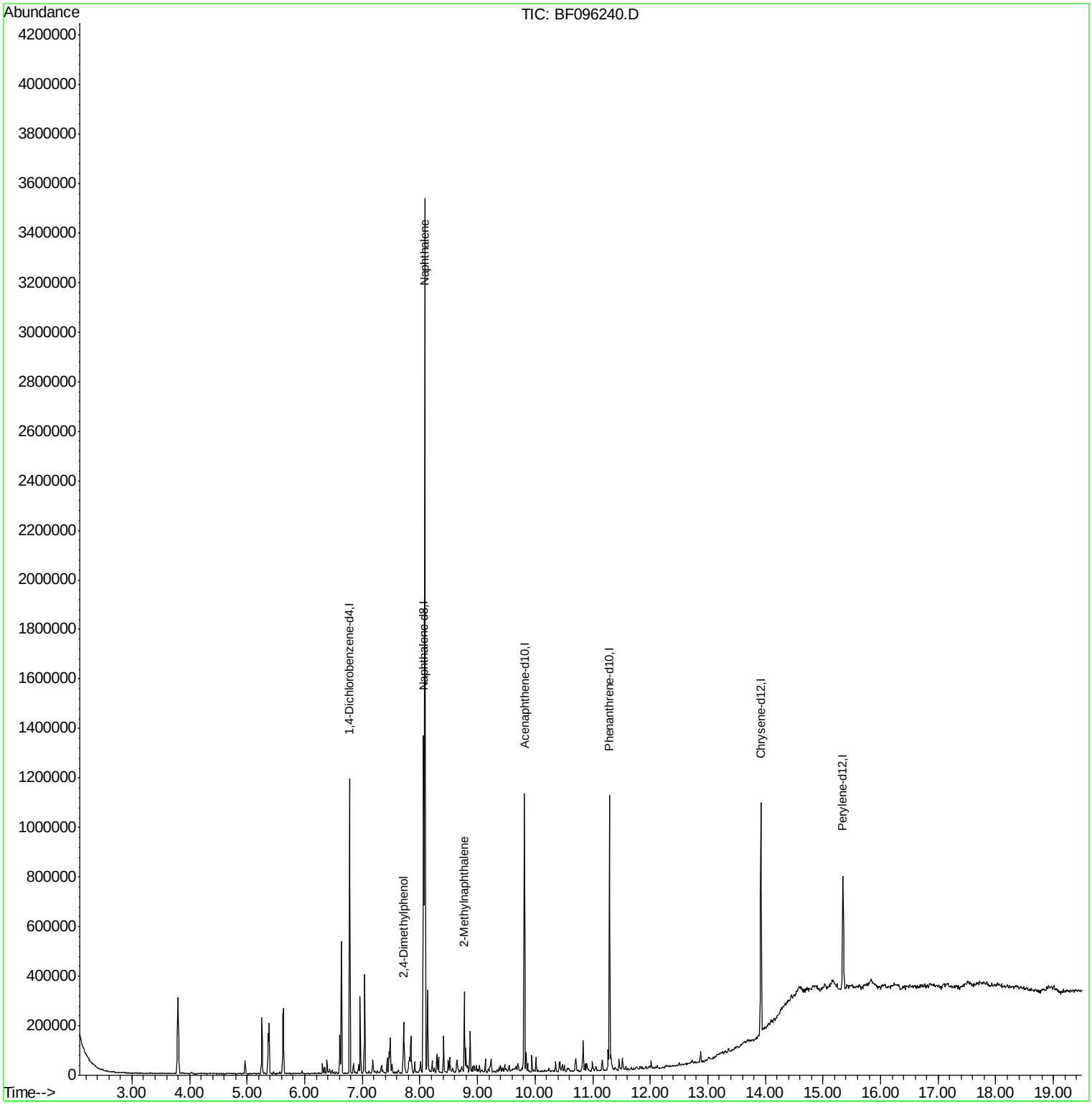
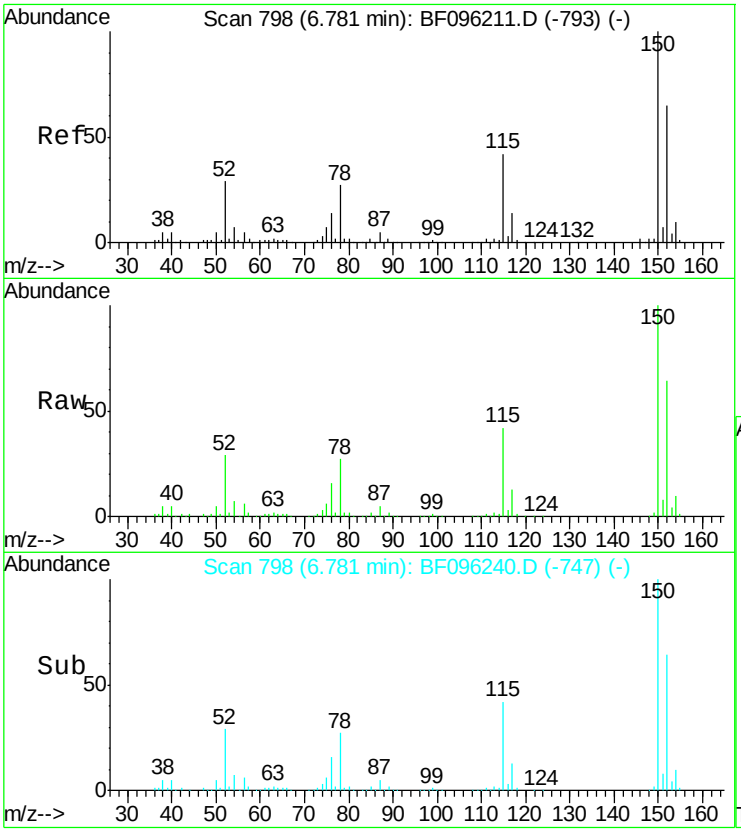


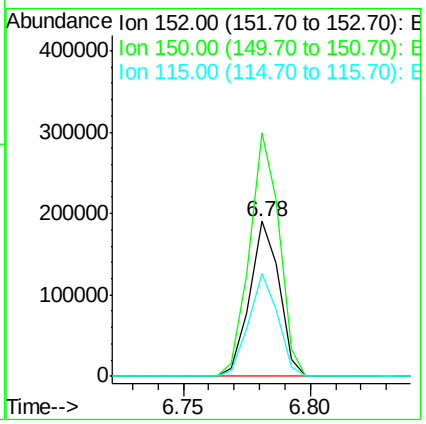


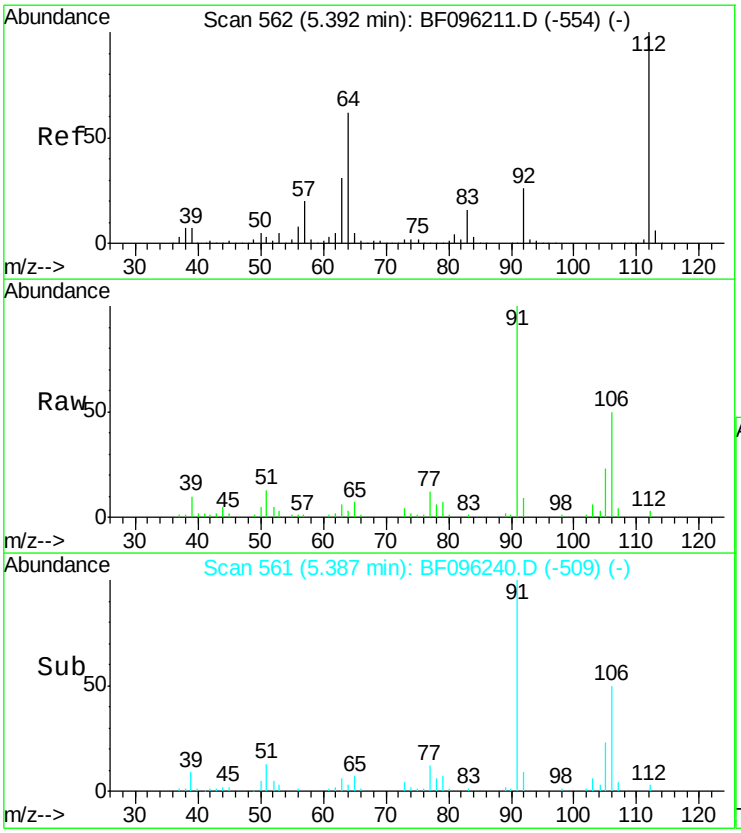
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26D-GWDL

Tgt Ion:152 Resp: 154836

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	66.4	52.2	78.2

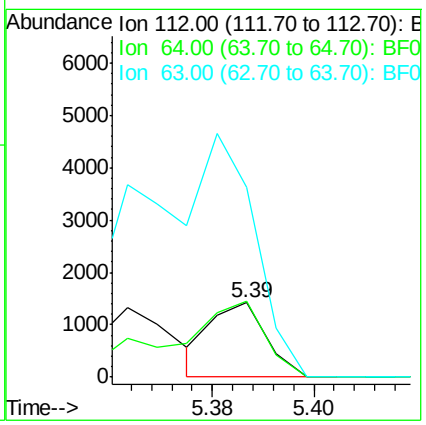


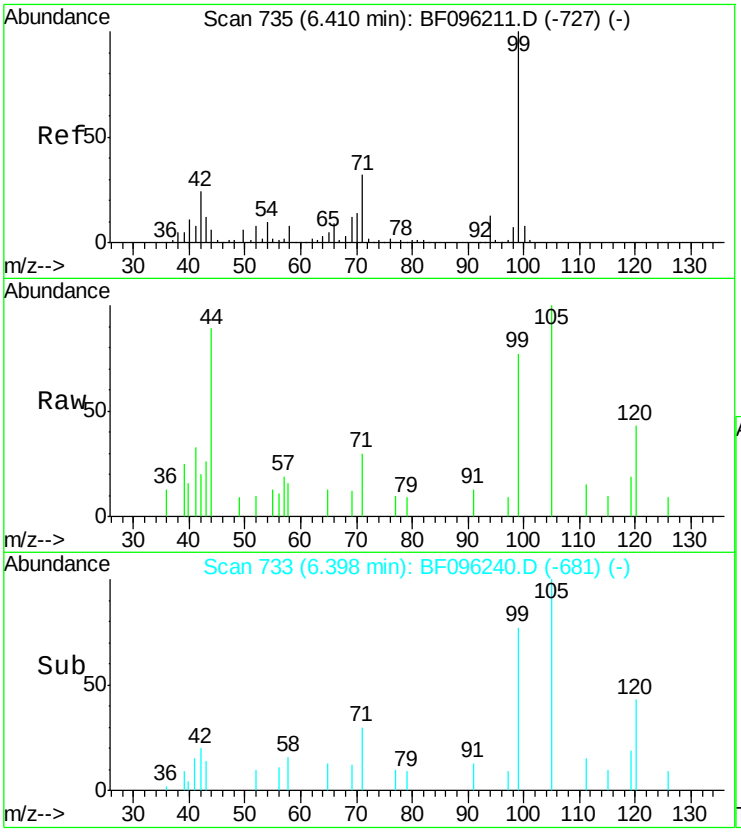


#5
2-Fluorophenol
Concen: 0.100 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Tgt Ion:112 Resp: 1073

Ion	Ratio	Lower	Upper
112	100		
64	101.7	46.0	69.0#
63	254.4	23.4	35.0#



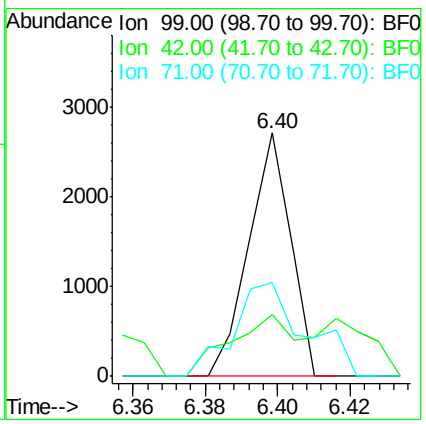


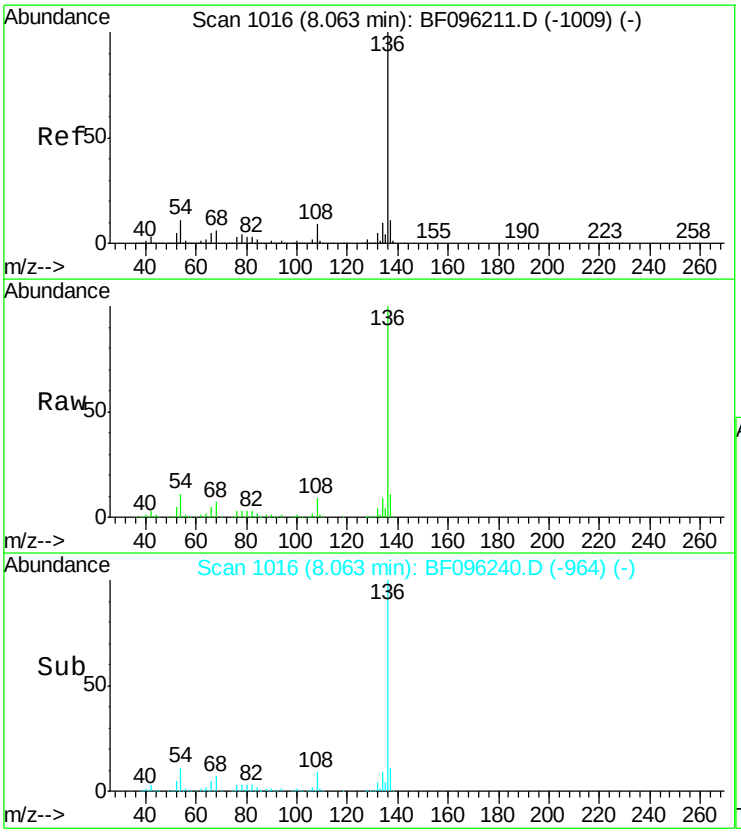
#7
Phenol-d6
Concen: 0.166 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26D-GWDL

Tgt Ion: 99 Resp: 2164

Ion	Ratio	Lower	Upper
99	100		
42	25.6	13.5	20.3#
71	38.6	24.5	36.7#

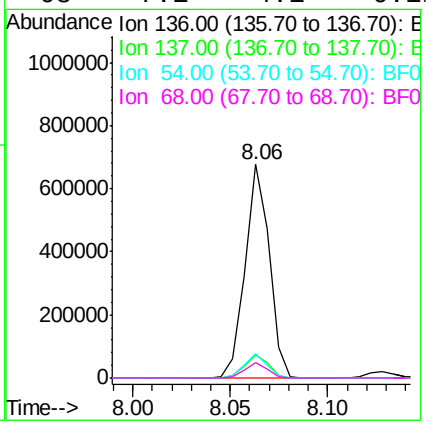


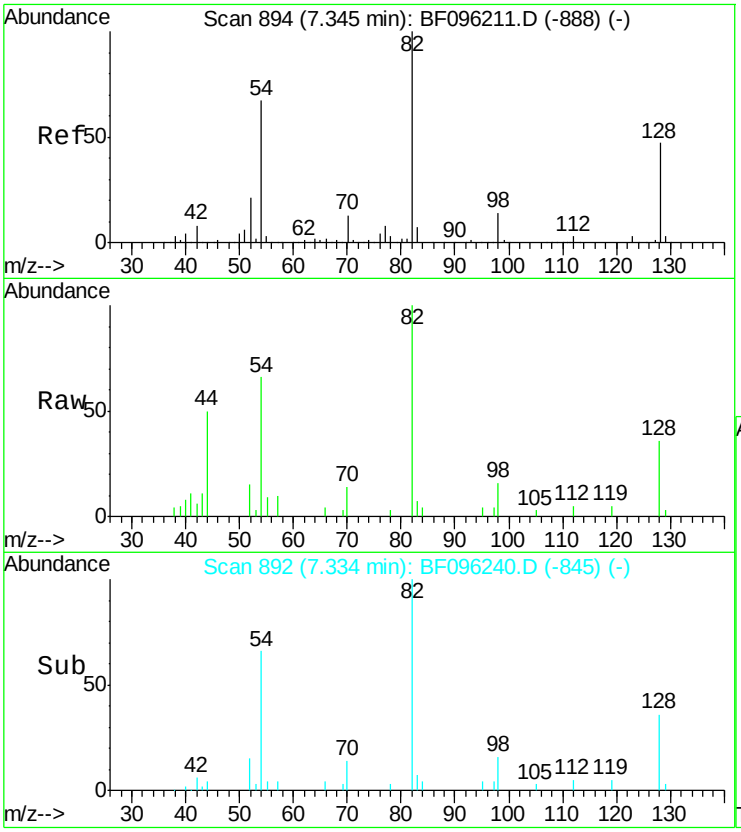


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Tgt Ion:136 Resp: 579545

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.2	4.9	7.3#
68	7.1	4.1	6.1#



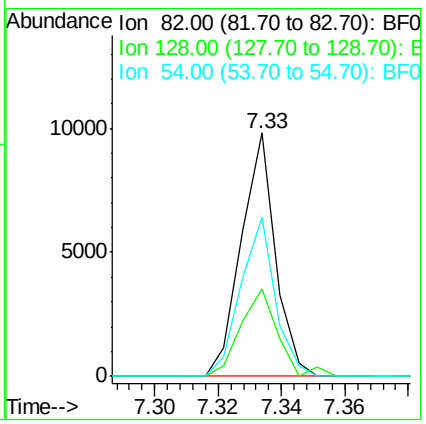


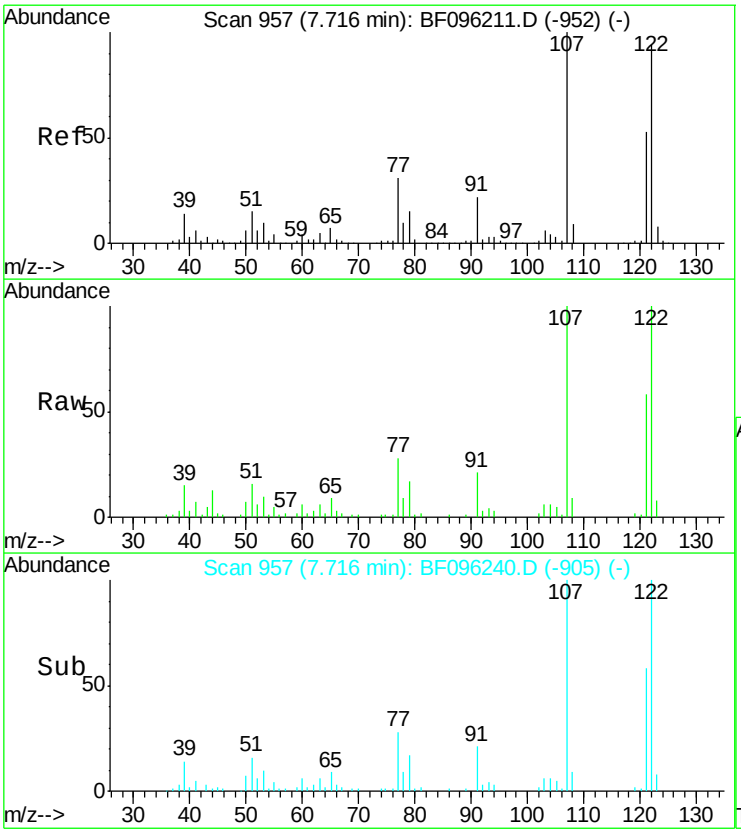
#23
Nitrobenzene-d5
Concen: 0.871 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26D-GWDL

Tgt Ion: 82 Resp: 7289

Ion	Ratio	Lower	Upper
82	100		
128	36.0	34.0	51.0
54	65.6	42.2	63.2#

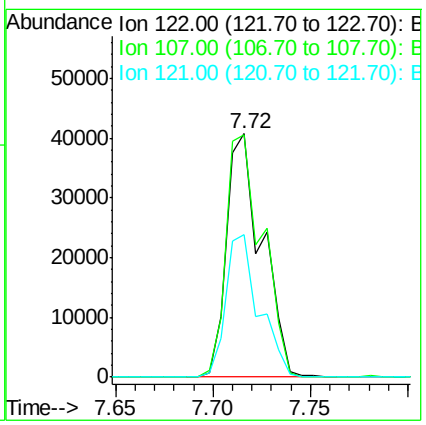


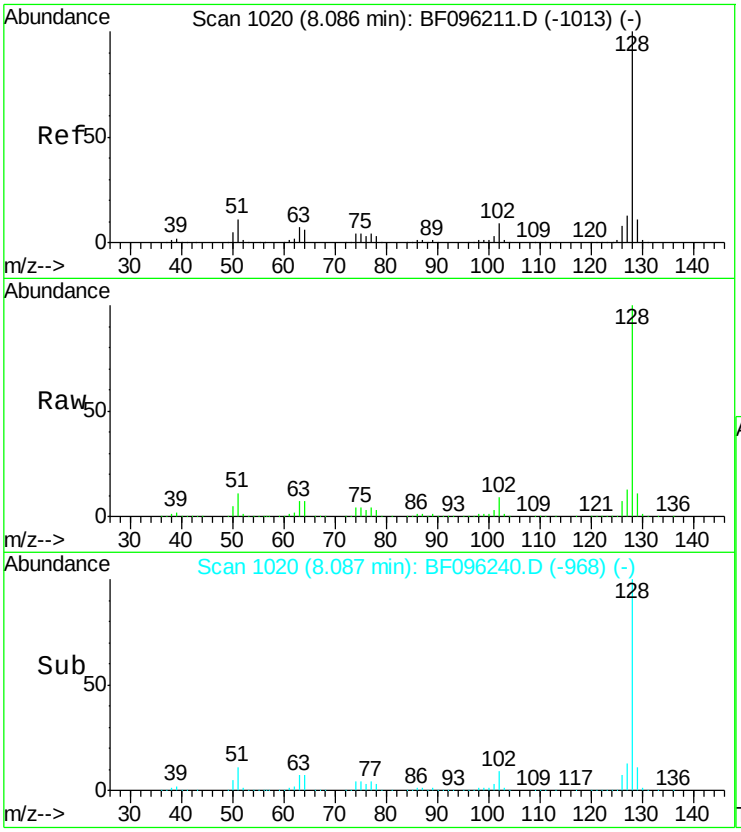


#27
2,4-Dimethylphenol
Concen: 5.977 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Tgt Ion:122 Resp: 51346

Ion	Ratio	Lower	Upper
122	100		
107	99.6	89.2	133.8
121	58.3	45.2	67.8



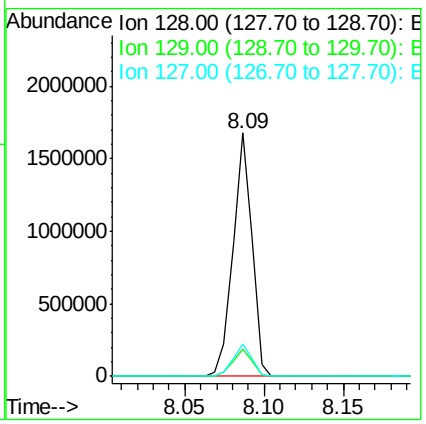


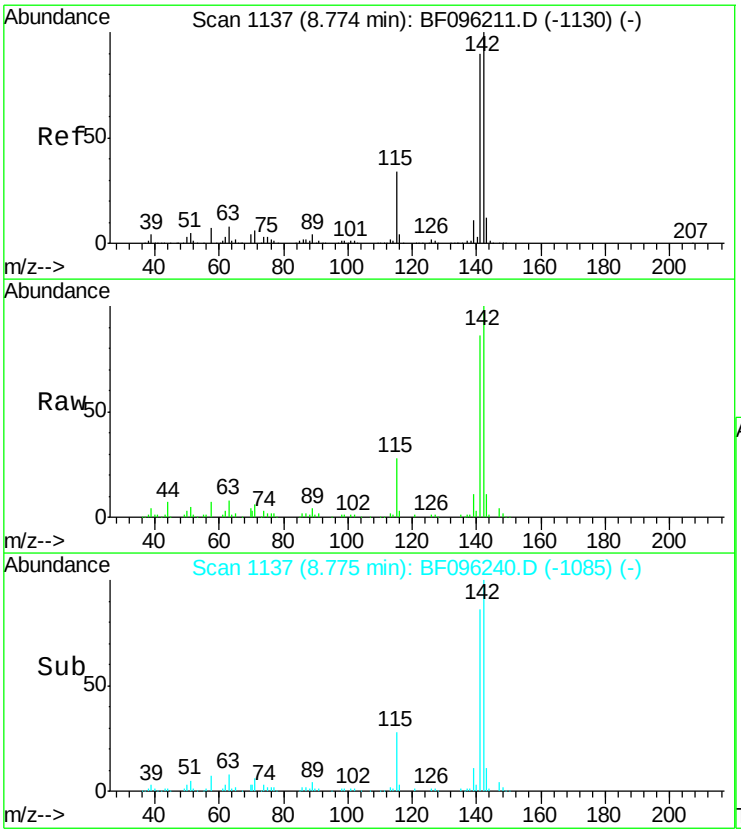
#31
Naphthalene
Concen: 49.716 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26D-GWDL

Tgt Ion:128 Resp: 1388679

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.3	10.8	16.2

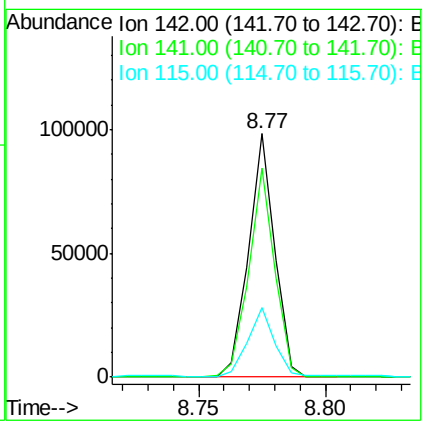


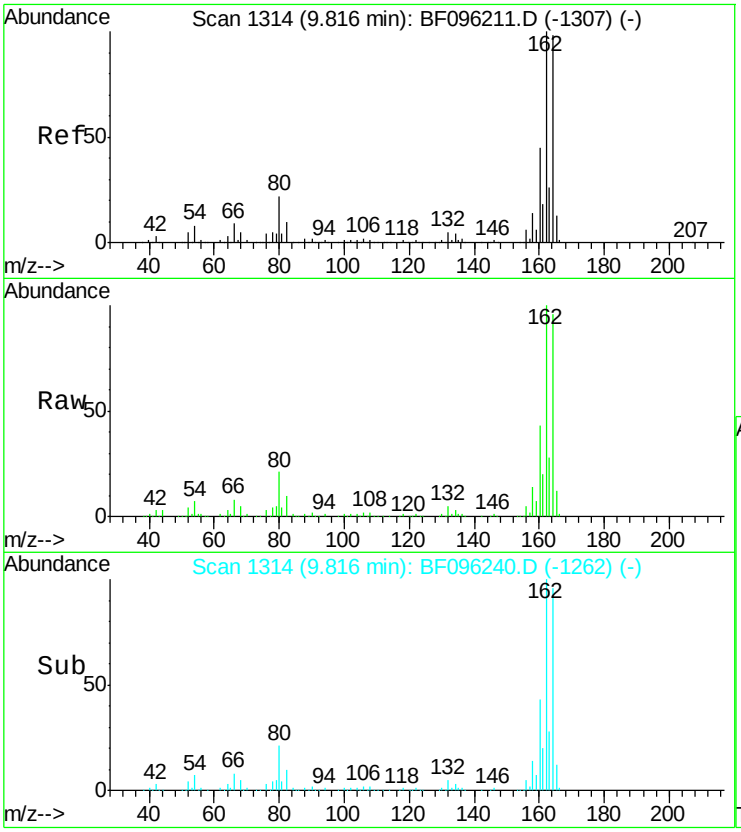


#37
2-Methylnaphthalene
Concen: 3.904 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Tgt Ion:142 Resp: 70842

Ion	Ratio	Lower	Upper
142	100		
141	86.1	71.3	106.9
115	28.4	27.1	40.7



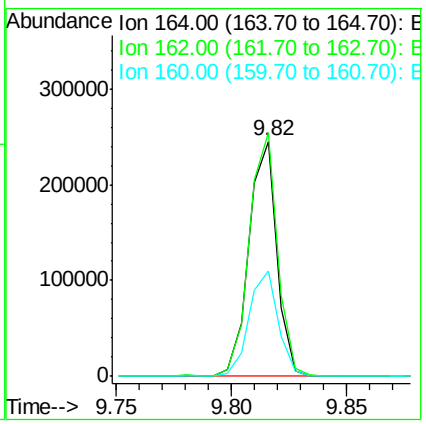


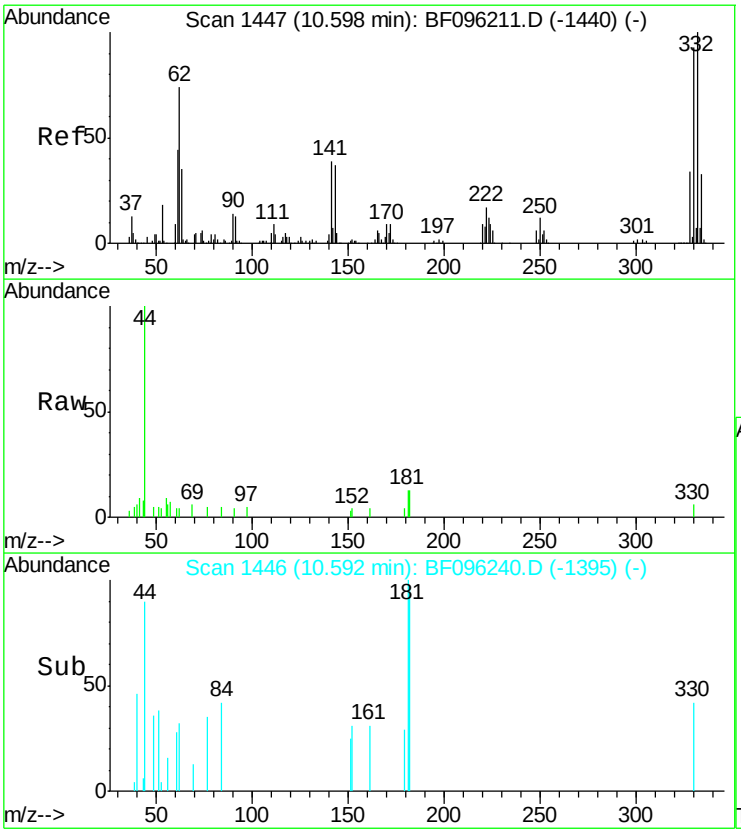
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26D-GWDL

Tgt Ion:164 Resp: 207139

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	44.9	36.2	54.2

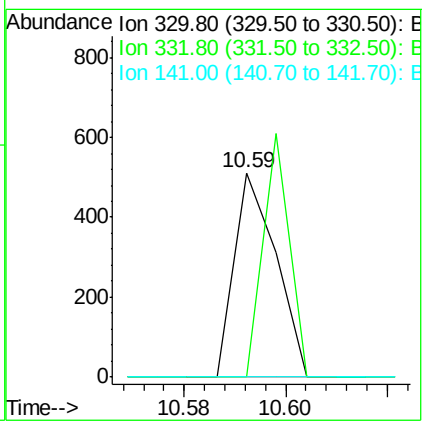


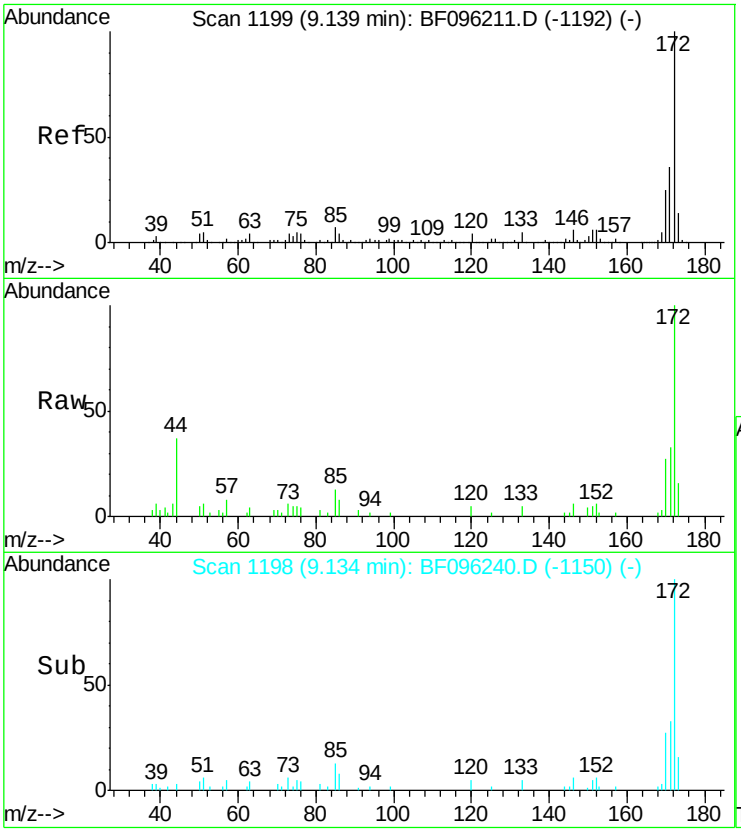


#41
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Tgt Ion:330 Resp: 290

Ion	Ratio	Lower	Upper
330	100		
332	74.1	76.6	115.0#
141	0.0	31.4	47.2#



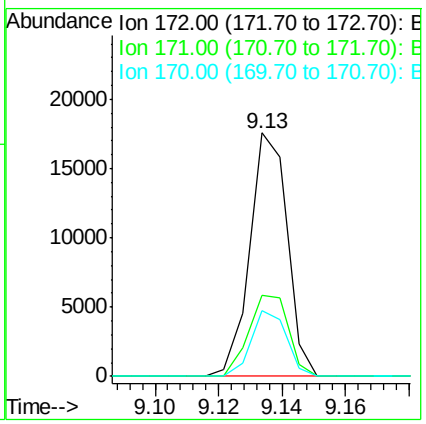


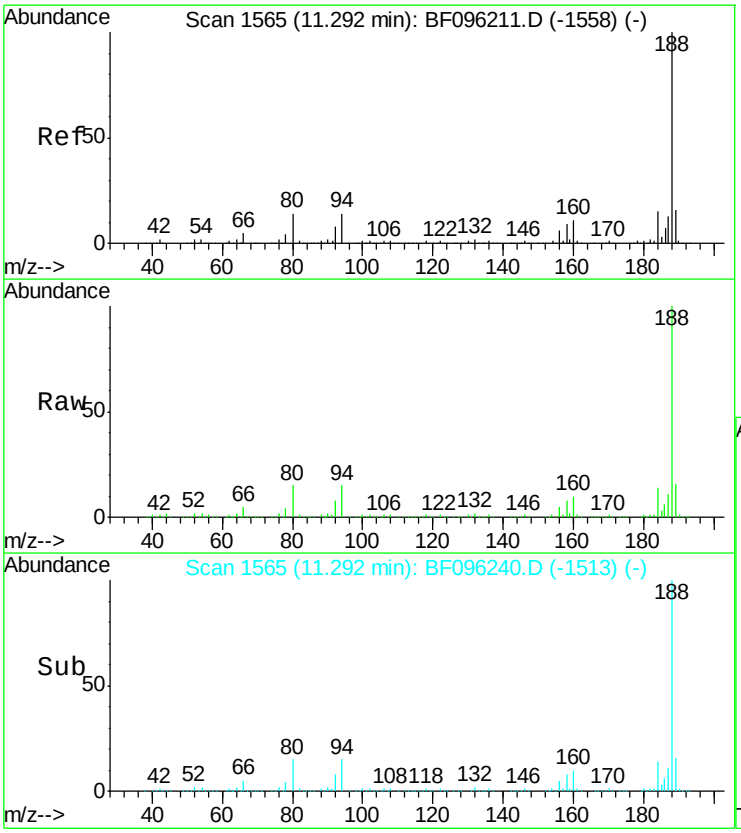
#44
2-Fluorobiphenyl
Concen: 1.275 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26D-GWDL

Tgt Ion:172 Resp: 14417

Ion	Ratio	Lower	Upper
172	100		
171	33.2	29.6	44.4
170	26.7	19.8	29.8

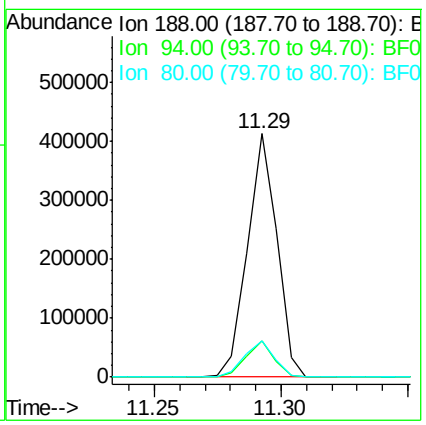


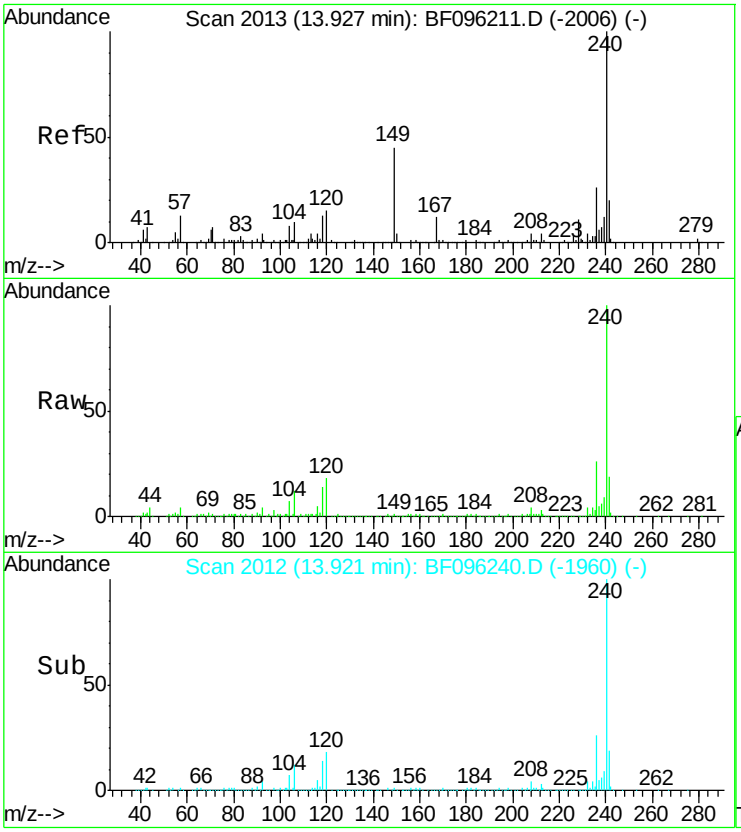


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Tgt Ion:188 Resp: 334232

Ion	Ratio	Lower	Upper
188	100		
94	14.7	9.4	14.2#
80	15.1	10.2	15.2



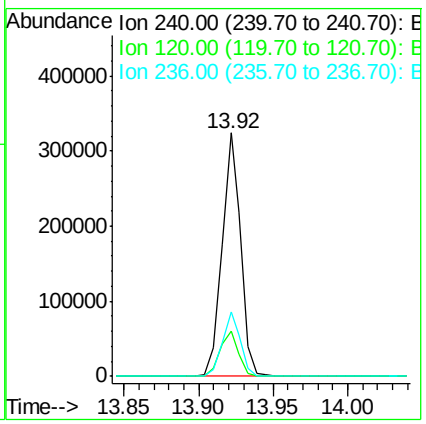


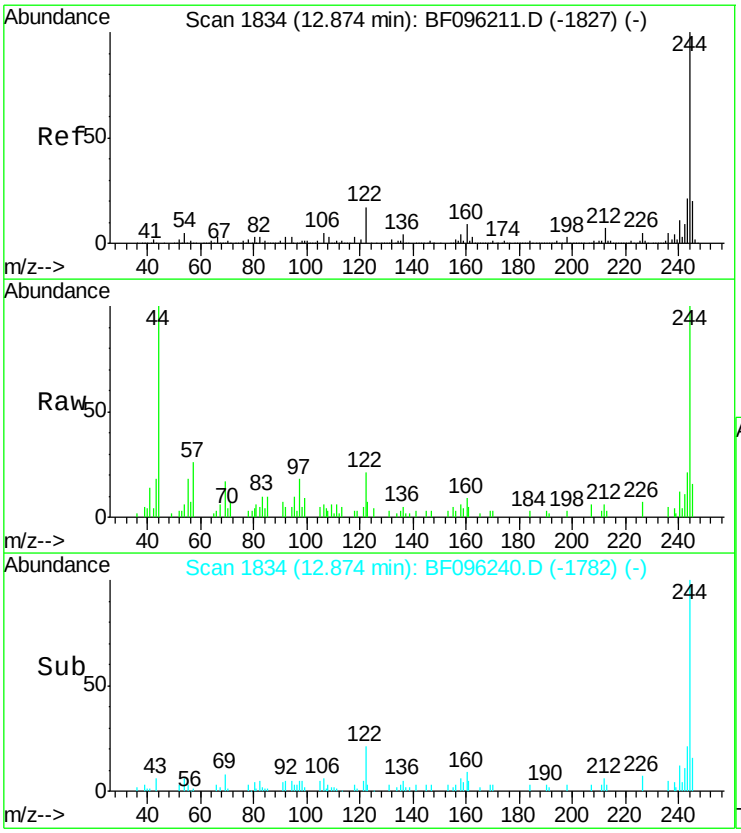
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26D-GWDL

Tgt Ion:240 Resp: 285716

Ion	Ratio	Lower	Upper
240	100		
120	18.4	5.8	8.8#
236	26.2	20.5	30.7

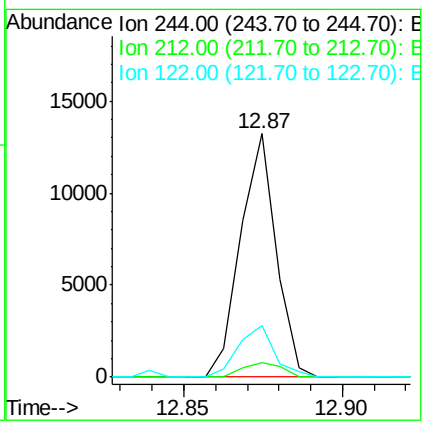


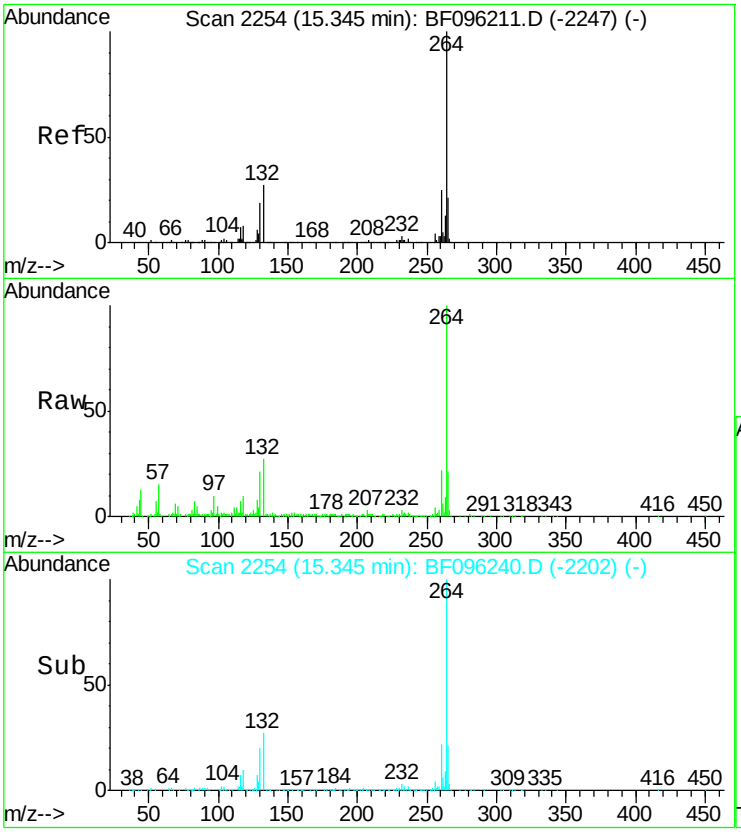


#78
Terphenyl-d14
Concen: 0.896 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Tgt Ion:244 Resp: 10255

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	21.0	10.3	15.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096240.D
Acq: 28 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26D-GWDL

Tgt Ion:264 Resp: 197194

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.1	17.2	25.8