Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
Data File : BF095882.D
Acq On : 12 Jun 2017 20:39
Operator : SJ/MA
Sample : I3594-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-060917-A

Quant Time: Jun 13 06:42:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66497	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	281896	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	134131	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	256973	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	211374	20.00	ng	-0.04
86) Perylene-d12	19.99	264	135297	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	644084	154.34	ng	-0.02
7) Phenol-d6	6.92	99	707171	141.55	ng	-0.04
23) Nitrobenzene-d5	8.27	82	490032	107.96	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	194496	163.89	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	977391	101.40	ng	-0.05
78) Terphenyl-d14	16.98	244	919365	107.94	ng	-0.04
Target Compounds						Qvalue
31) Naphthalene	9.41	128	119290	8.432	ng	98
37) 2-Methylnaphthalene	10.55	142	20138	2.107	ng	95

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

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Misc :
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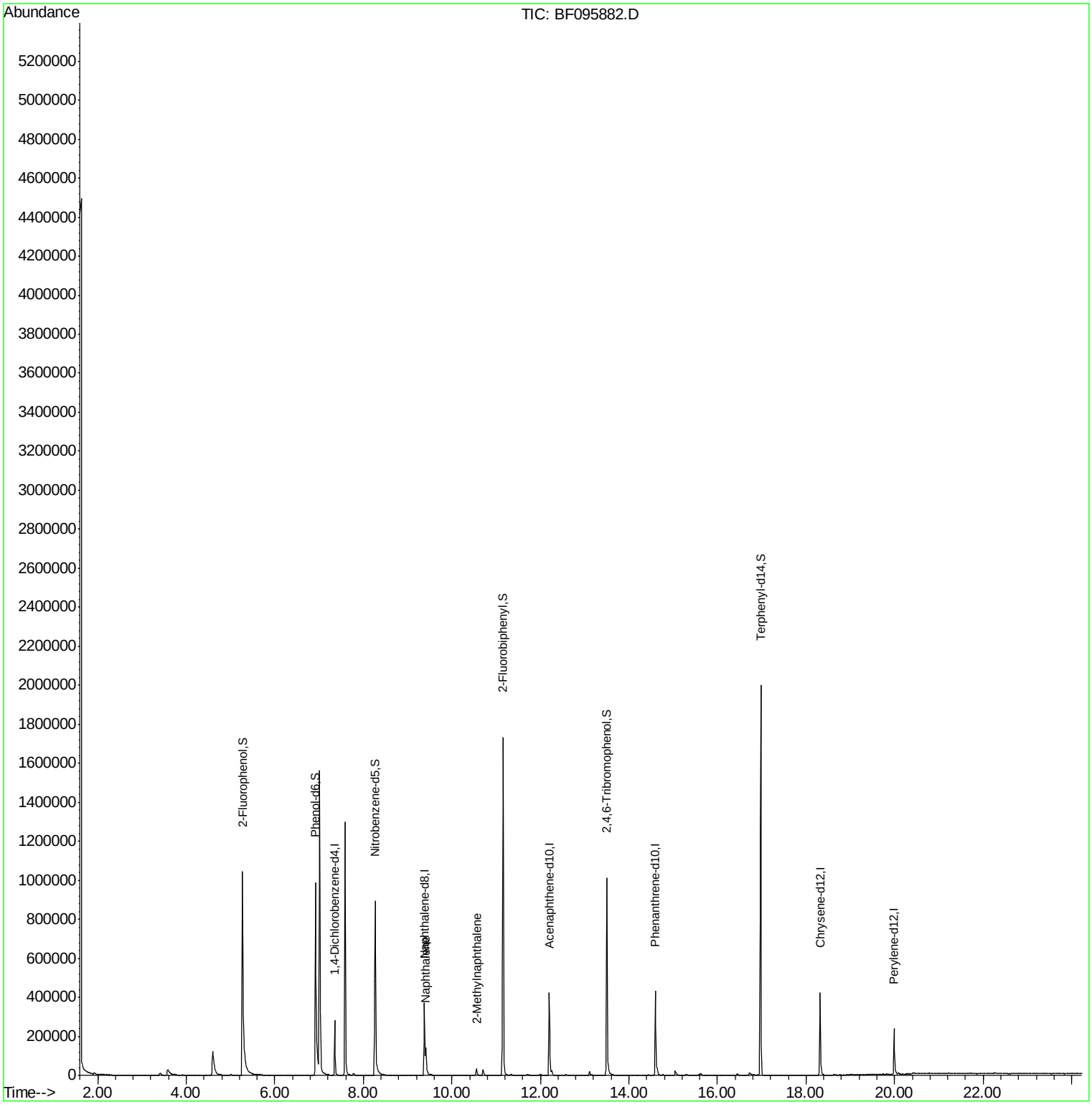
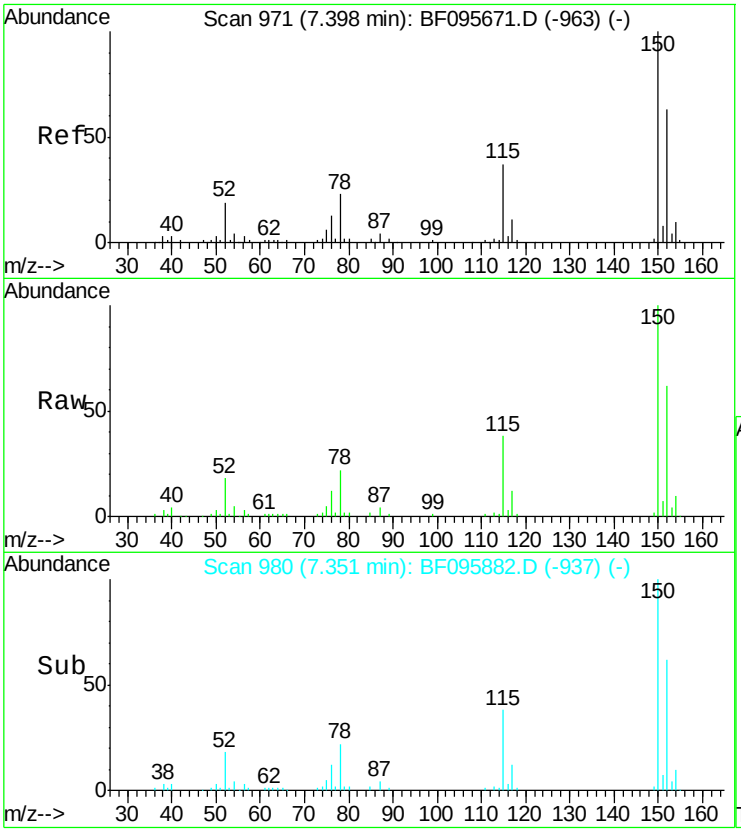


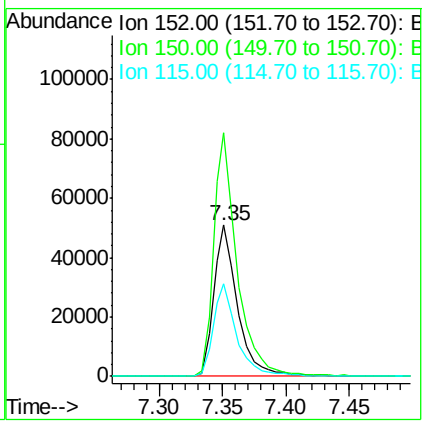


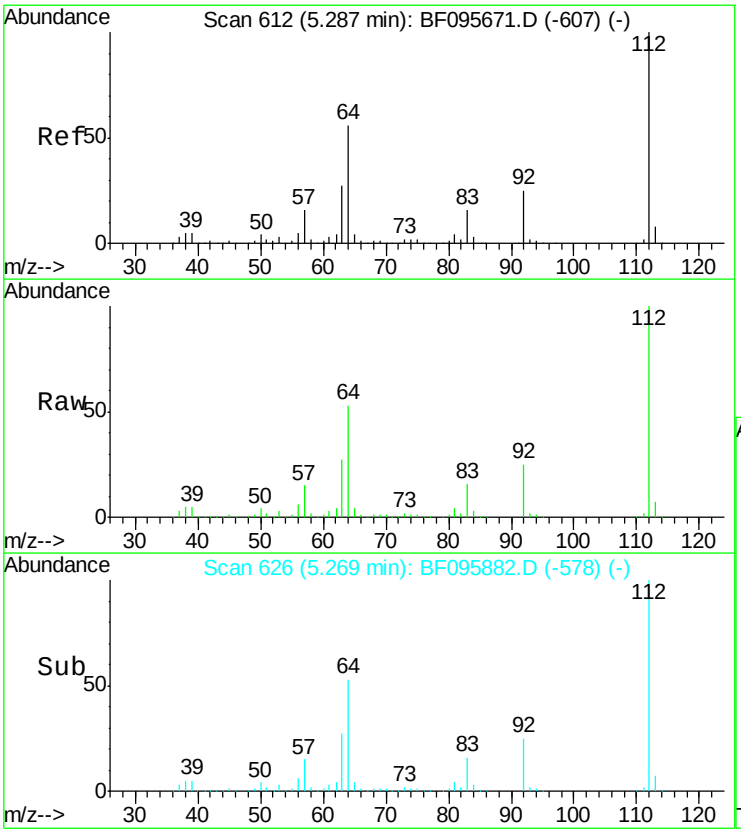
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Instrument :
BNA_F
ClientSampleId :
EO-01-060917-A

Tgt Ion:152 Resp: 66497

Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.2	189.2
115	61.5	52.2	78.2

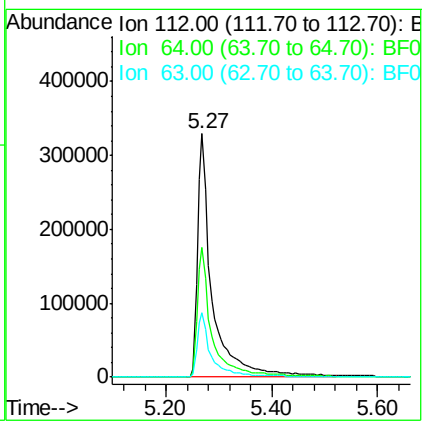


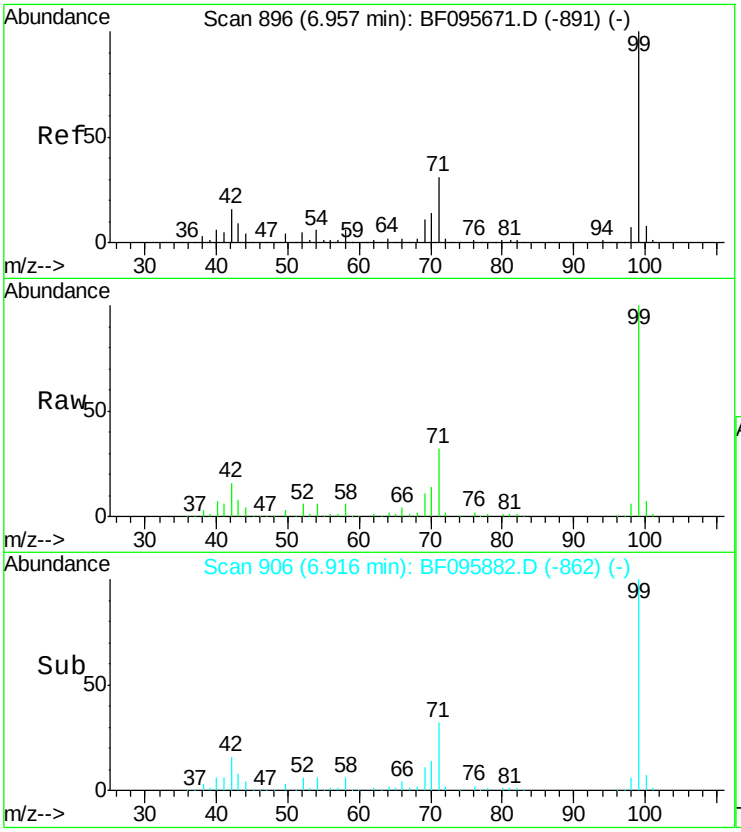


#5
2-Fluorophenol
Concen: 154.340 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:112 Resp: 644084

Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.0	69.0
63	26.6	23.4	35.0



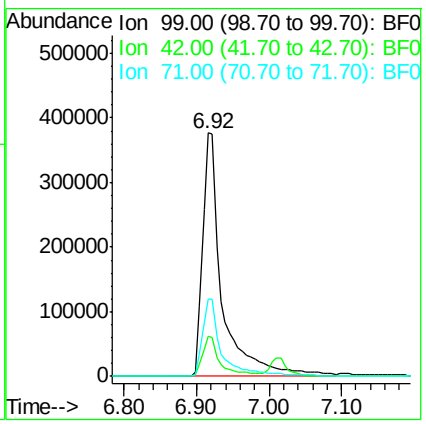


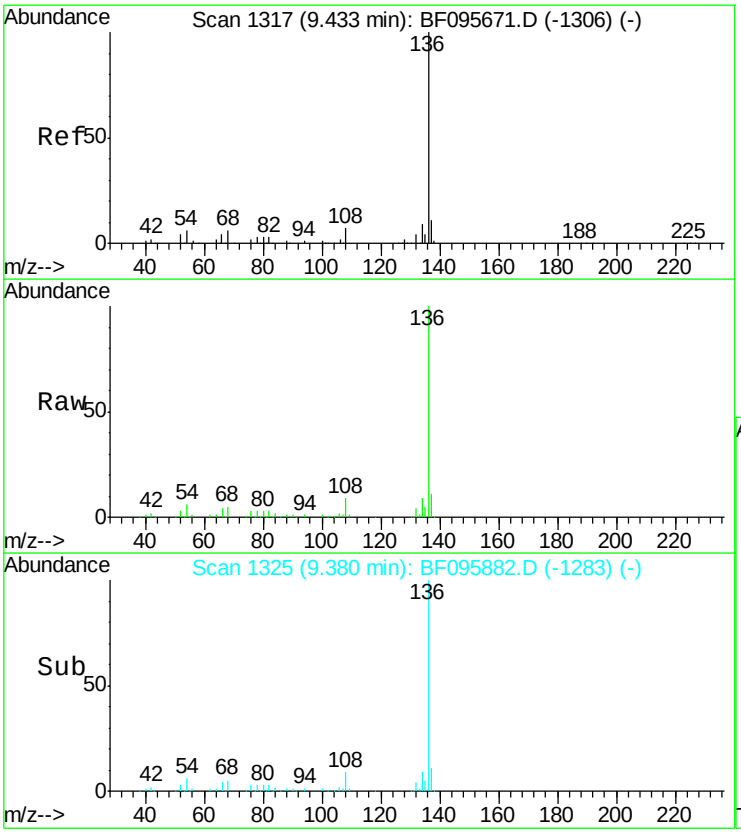
#7
Phenol-d6
Concen: 141.549 ng
RT: 6.92 min Scan# 906
Delta R.T. -0.04 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Instrument :
BNA_F
ClientSampleId :
EO-01-060917-A

Tgt Ion: 99 Resp: 707171

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	31.9	24.5	36.7

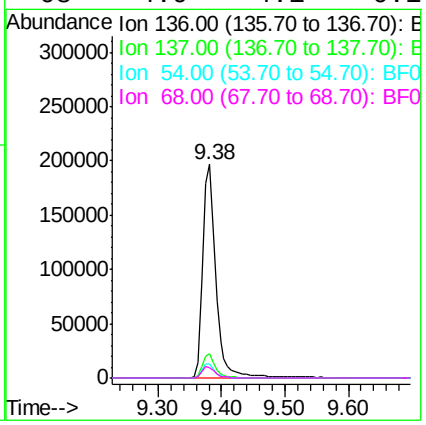


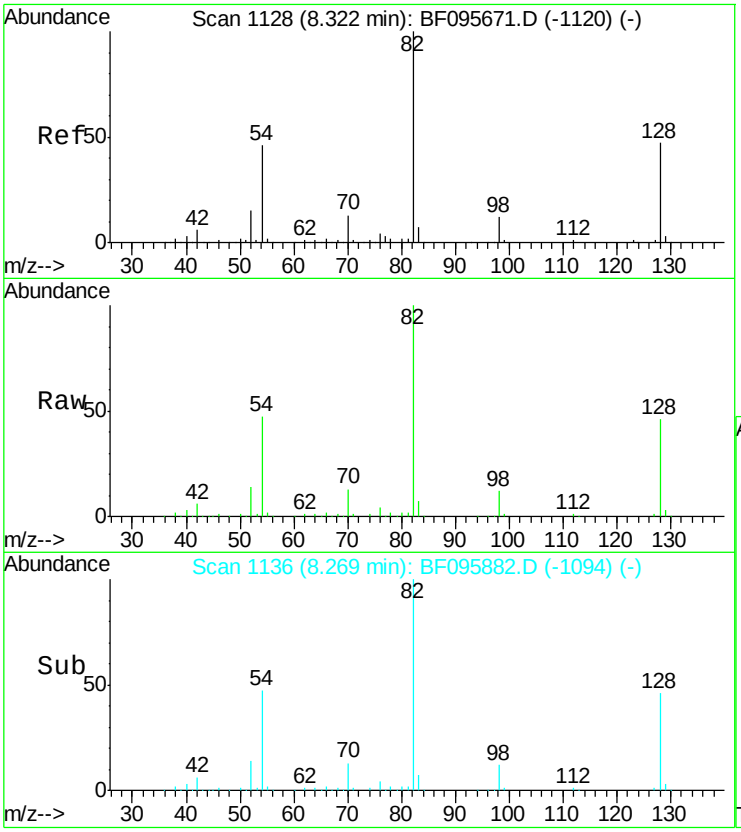


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.38 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:136 Resp: 281896

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	6.3	4.9	7.3
68	4.9	4.1	6.1



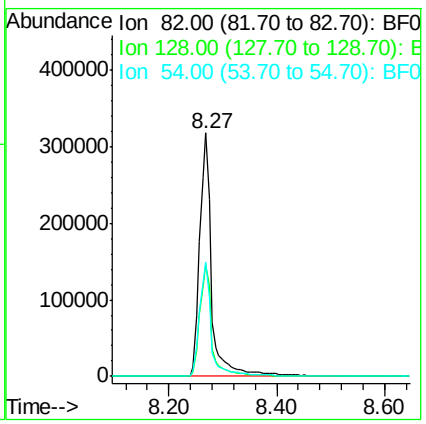


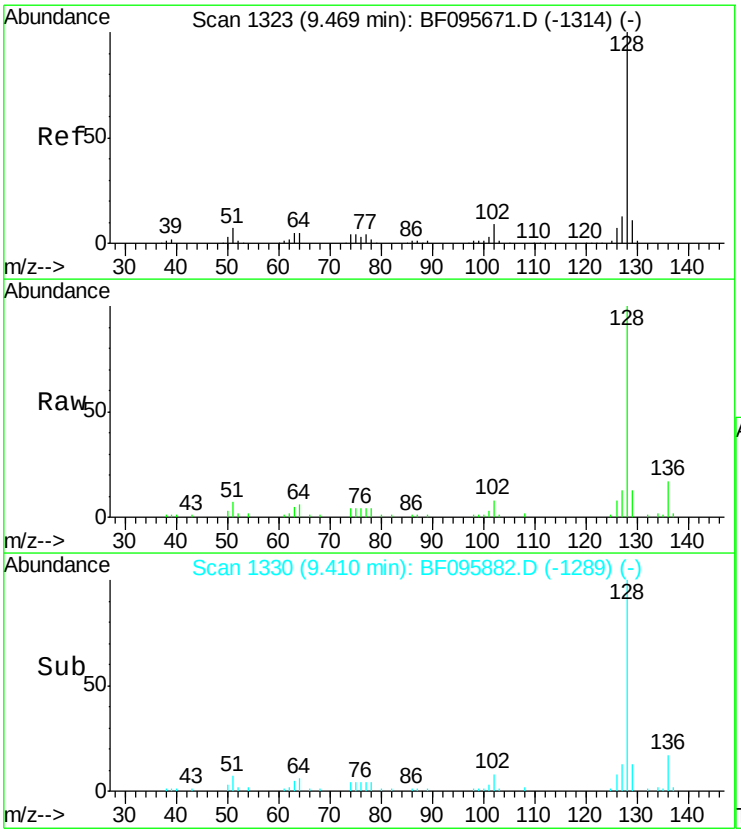
#23
Nitrobenzene-d5
Concen: 107.959 ng
RT: 8.27 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Instrument :
BNA_F
ClientSampleId :
EO-01-060917-A

Tgt Ion: 82 Resp: 490032

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	46.9	42.2	63.2

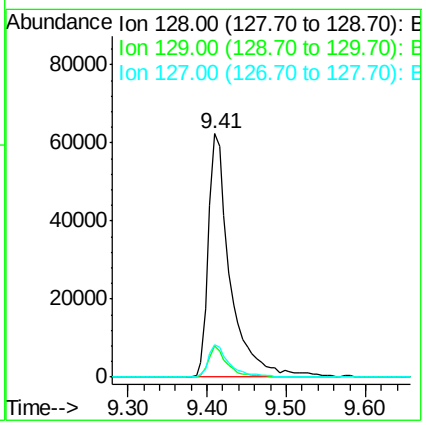


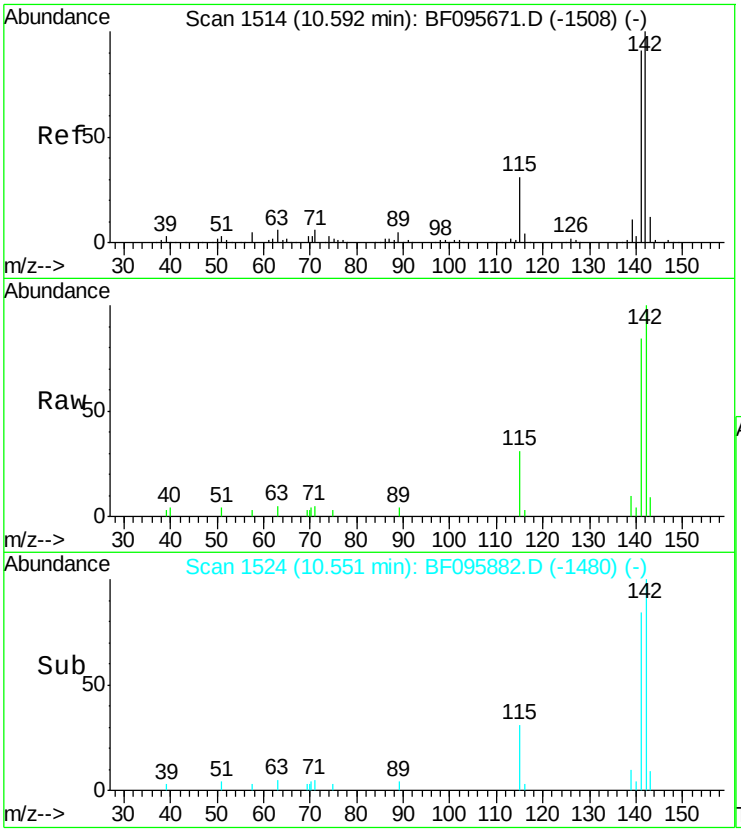


#31
Naphthalene
Concen: 8.432 ng
RT: 9.41 min Scan# 1330
Delta R.T. -0.06 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:128 Resp: 119290

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.0	13.6
127	13.4	10.8	16.2



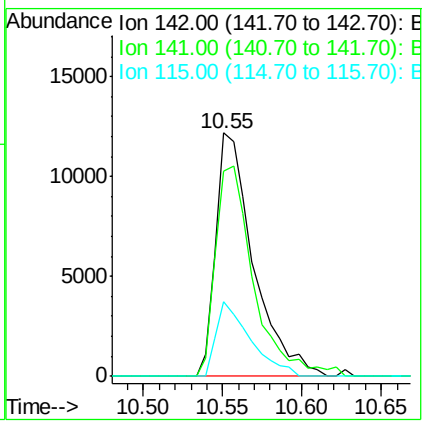


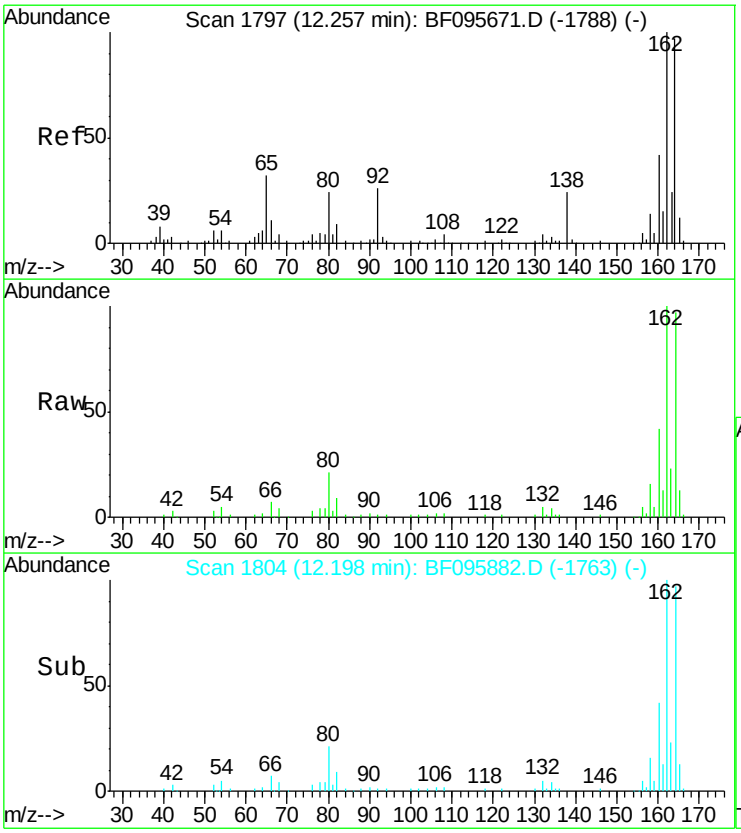
#37
2-Methylnaphthalene
Concen: 2.107 ng
RT: 10.55 min Scan# 1524
Delta R.T. -0.04 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Instrument :
BNA_F
ClientSampleId :
EO-01-060917-A

Tgt Ion:142 Resp: 20138

Ion	Ratio	Lower	Upper
142	100		
141	84.3	71.3	106.9
115	30.6	27.1	40.7

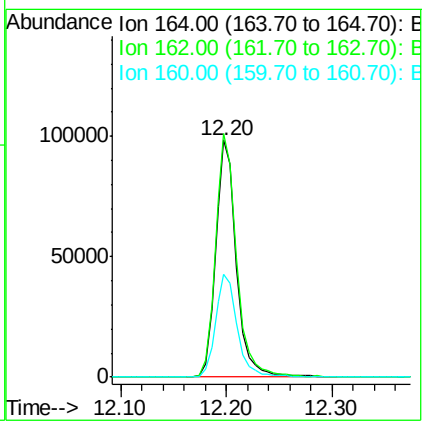


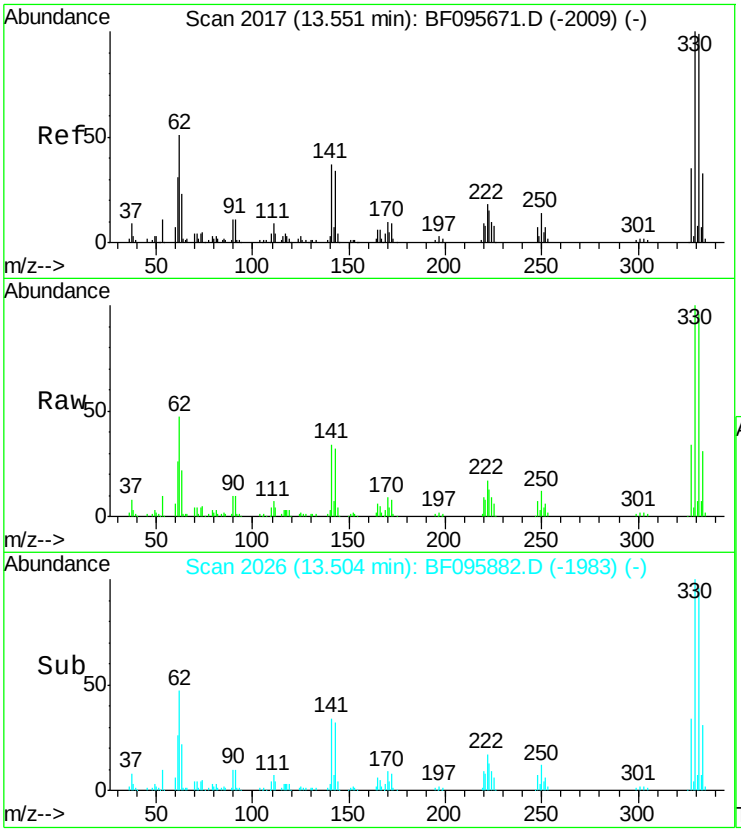


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:164 Resp: 134131

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	43.5	36.2	54.2



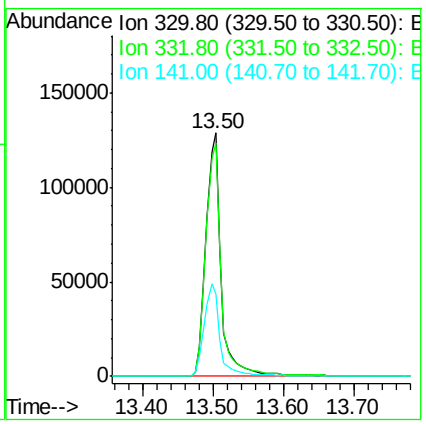


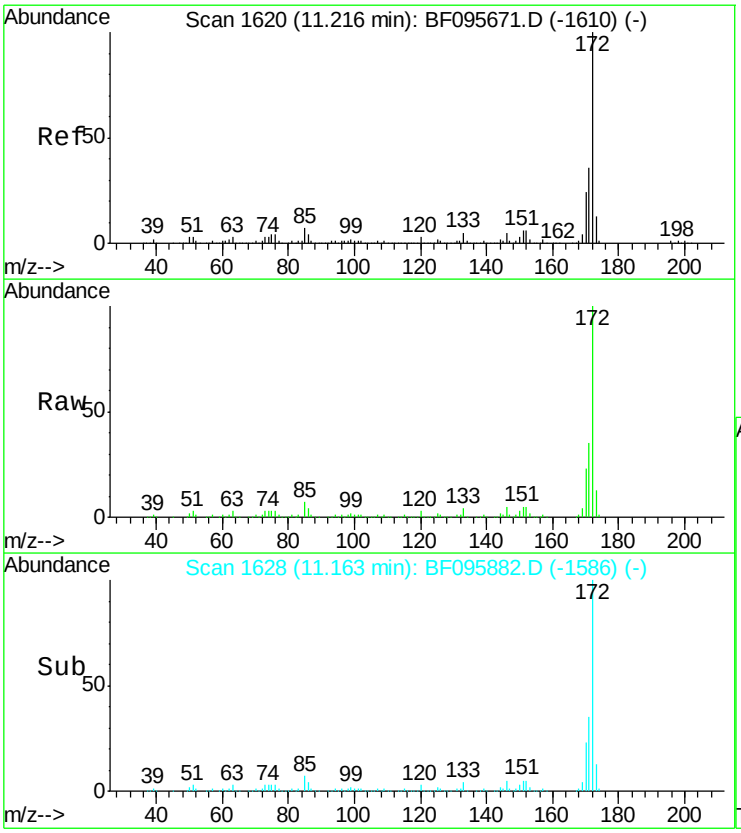
#41
2,4,6-Tribromophenol
Concen: 163.890 ng
RT: 13.50 min Scan# 2026
Delta R.T. -0.05 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Instrument :
BNA_F
ClientSampleId :
EO-01-060917-A

Tgt Ion:330 Resp: 194496

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	39.1	31.4	47.2

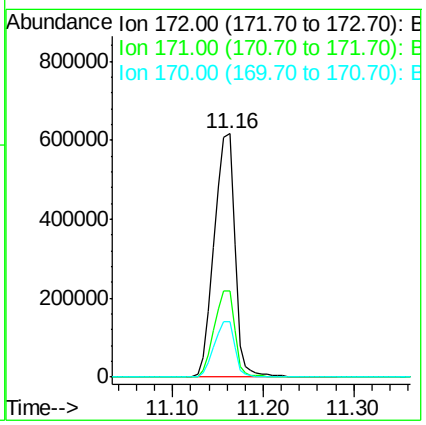


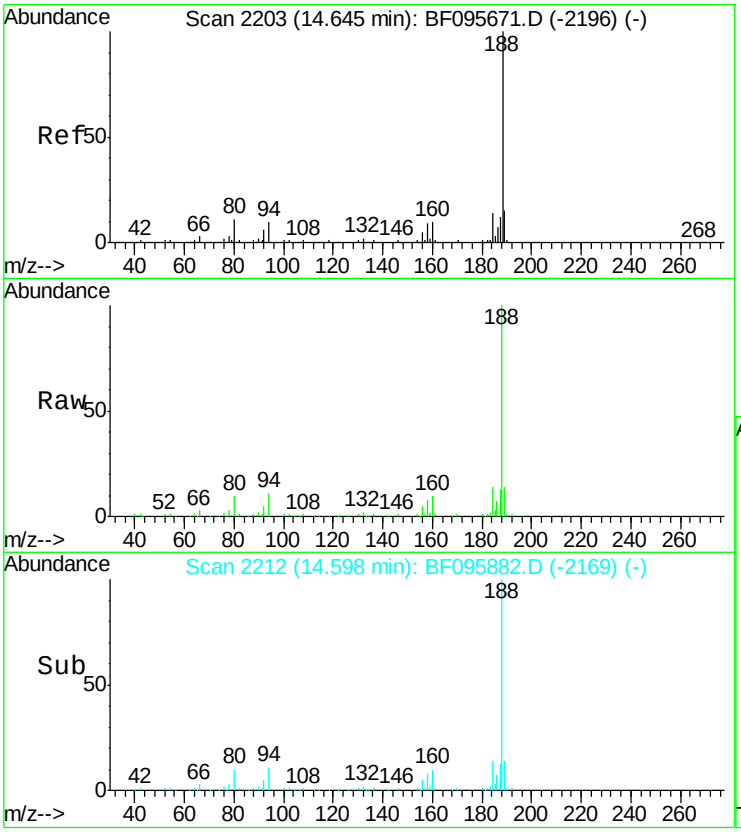


#44
2-Fluorobiphenyl
Concen: 101.402 ng
RT: 11.16 min Scan# 1628
Delta R.T. -0.05 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:172 Resp: 977391

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	22.8	19.8	29.8



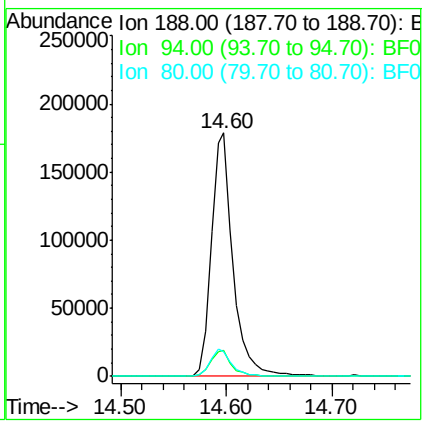


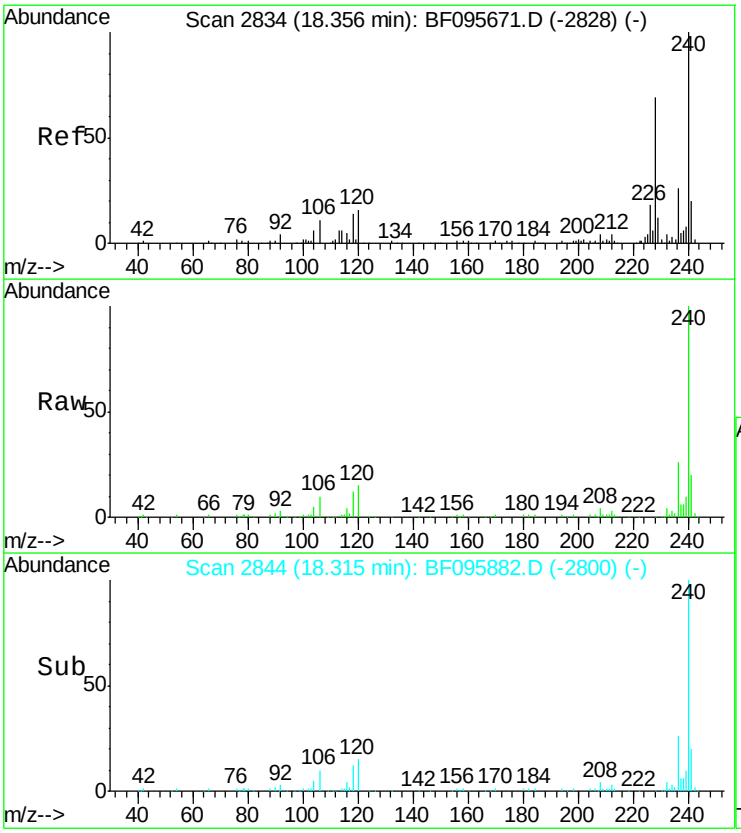
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Instrument :
BNA_F
ClientSampleId :
EO-01-060917-A

Tgt Ion:188 Resp: 256973

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.0	10.2	15.2#

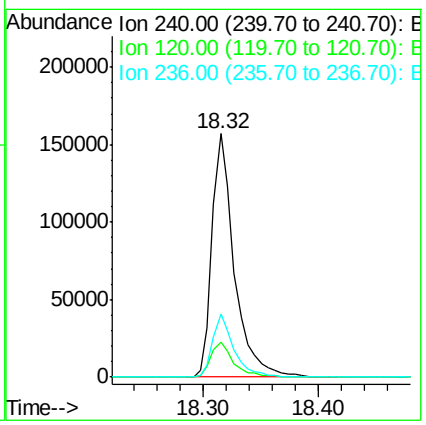


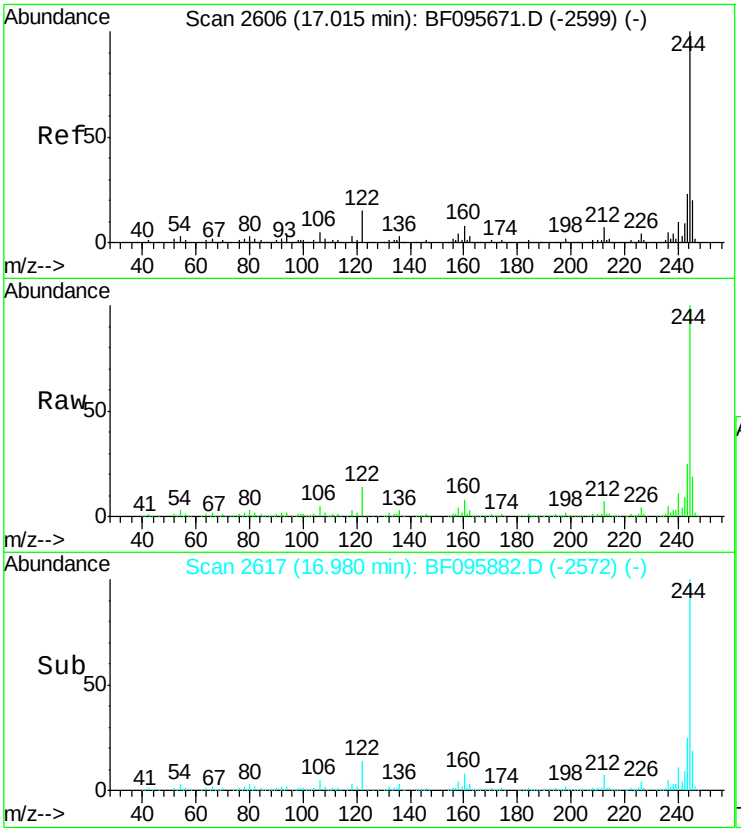


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.32 min Scan# 2844
Delta R.T. -0.04 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:240 Resp: 211374

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.7	20.5	30.7



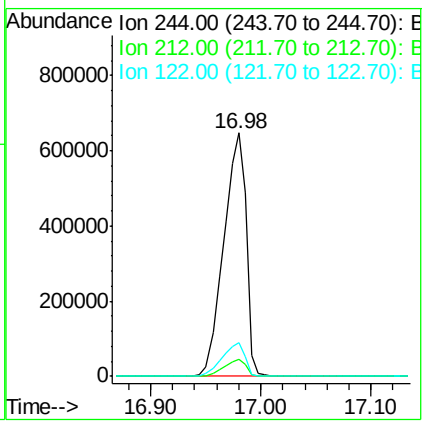


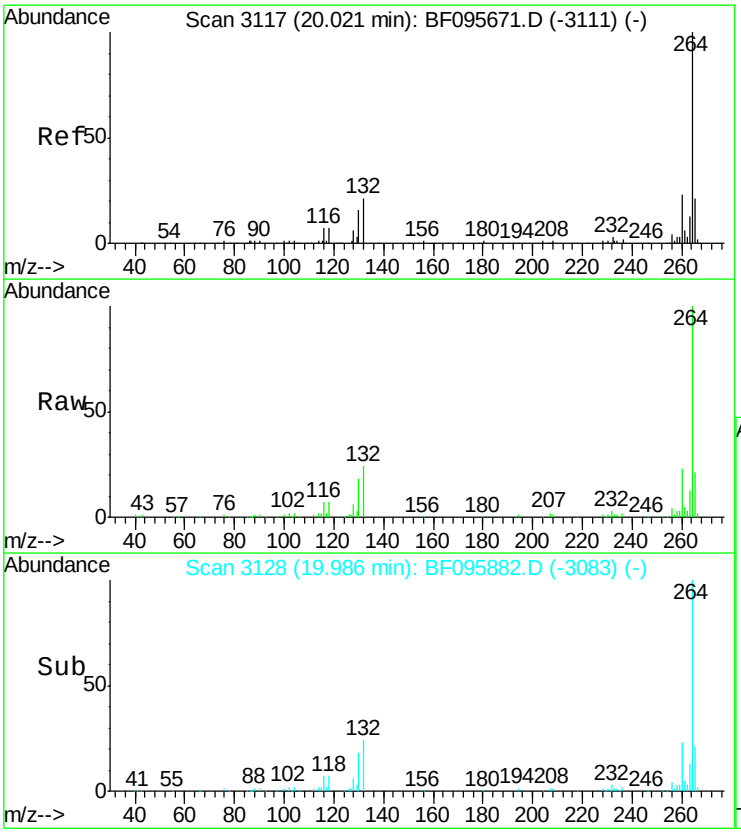
#78
Terphenyl-d14
Concen: 107.942 ng
RT: 16.98 min Scan# 2617
Delta R.T. -0.04 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Instrument :
BNA_F
ClientSampleId :
EO-01-060917-A

Tgt Ion:244 Resp: 919365

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.9	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 19.99 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:264 Resp: 135297

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	20.8	17.2	25.8