Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095764.D
Acq On : 8 Jun 2017 00:51
Operator : SJ/MA
Sample : I3488-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-RO-45-060517

Quant Time: Jun 08 06:00:42 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	7.38	152	73617	20.00	ng		-0.02
21) Naphthalene-d8	9.42	136	277095	20.00	ng		-0.02
38) Acenaphthene-d10	12.24	164	113149	20.00	ng		-0.02
63) Phenanthrene-d10	14.63	188	172327	20.00	ng		-0.01
75) Chrysene-d12	18.35	240	144940	20.00	ng		0.00
86) Perylene-d12	20.02	264	104096	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	76055	16.46	ng		0.00
7) Phenol-d6	6.96	99	102935	18.61	ng		0.00
23) Nitrobenzene-d5	8.30	82	54208	12.15	ng		-0.02
41) 2,4,6-Tribromophenol	13.54	330	16668	16.65	ng		-0.01
44) 2-Fluorobiphenyl	11.19	172	130977	16.11	ng		-0.02
78) Terphenyl-d14	17.00	244	86636	14.83	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	11.89	163	22583	2.63	ng		96
74) Fluoranthene	16.45	202	22819	2.32	ng	#	55
77) Pyrene	16.76	202	25229	2.33	ng		98

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

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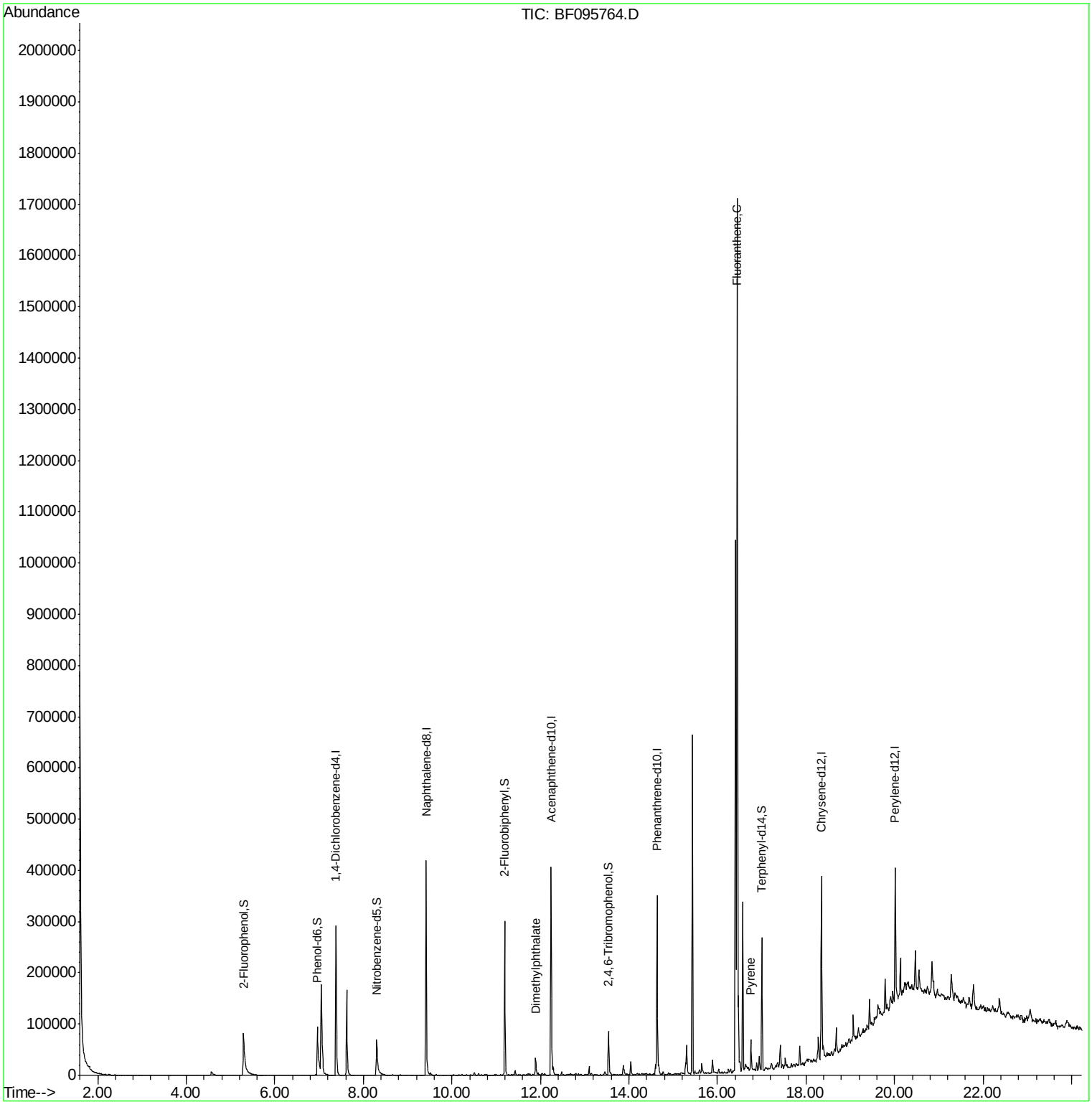
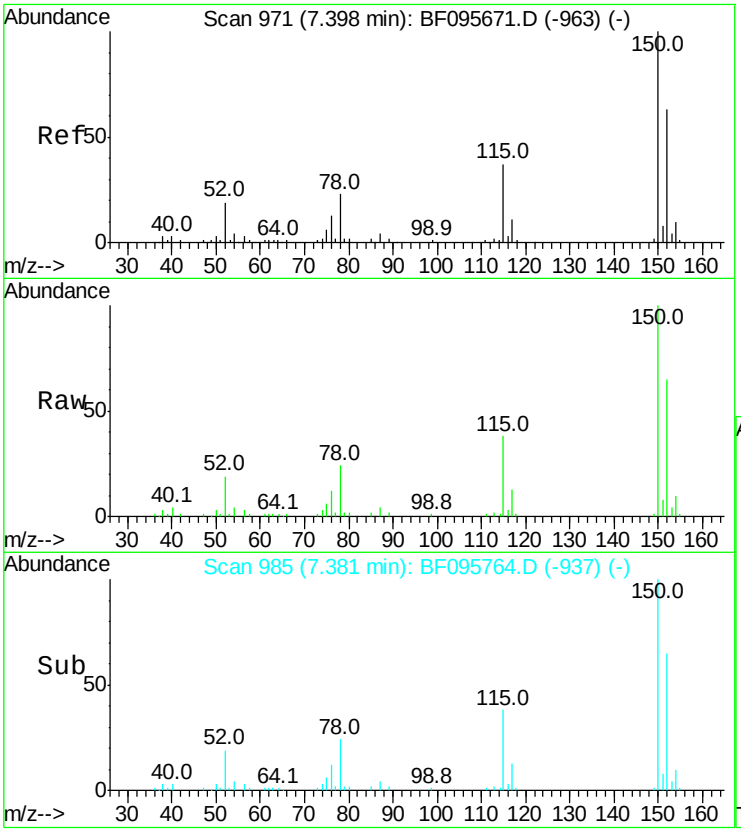


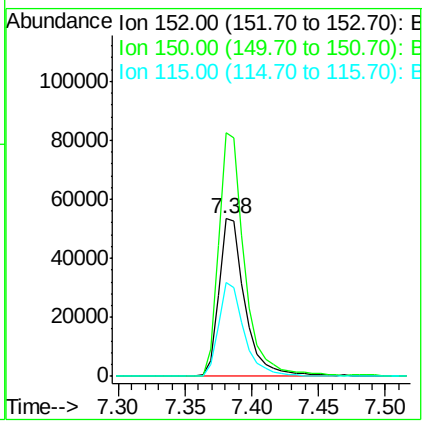


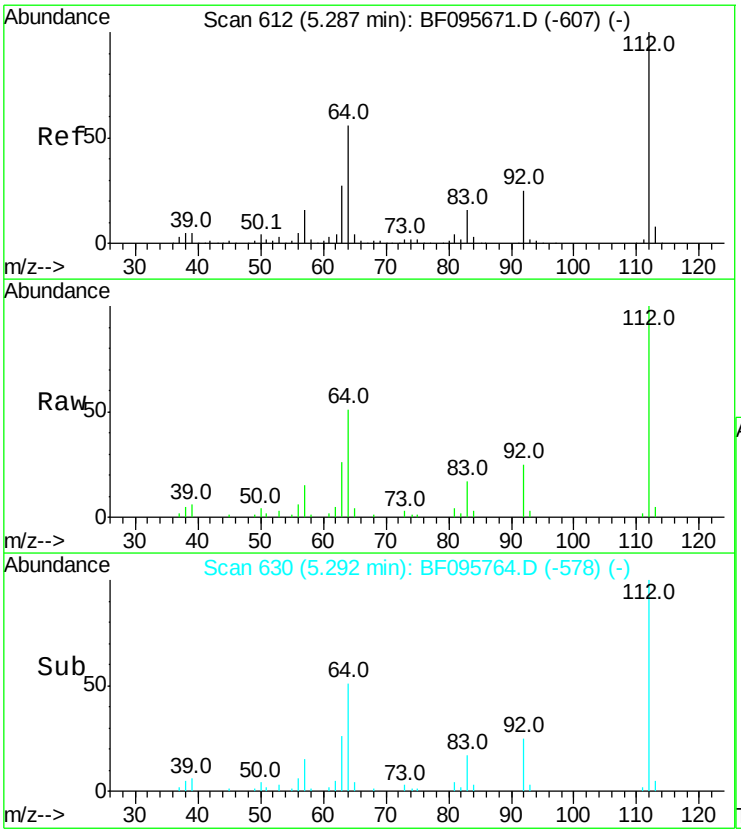
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Instrument :
BNA_F
ClientSampleId :
TR-RO-45-060517

Tgt Ion:152 Resp: 73617

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	59.5	52.2	78.2

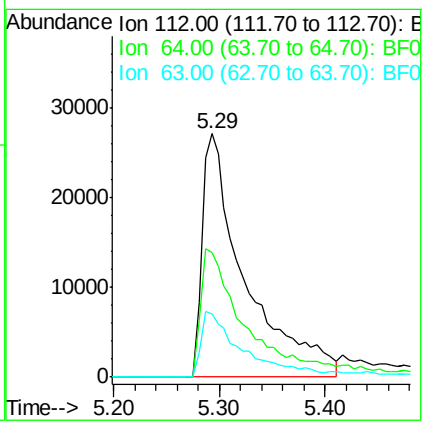


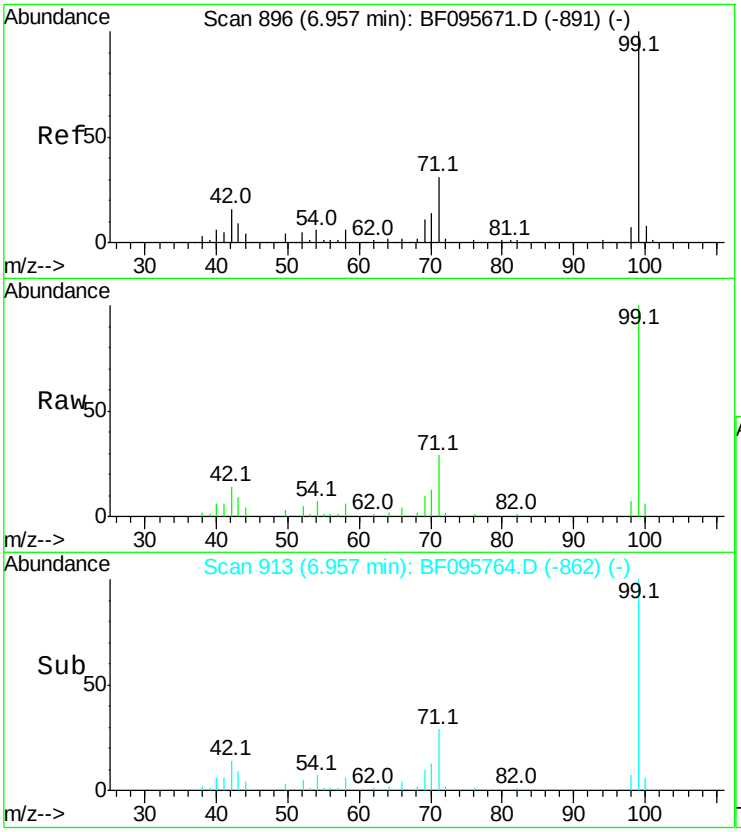


#5
2-Fluorophenol
Concen: 16.46 ng
RT: 5.29 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Tgt Ion:112 Resp: 76055

Ion	Ratio	Lower	Upper
112	100		
64	51.2	46.0	69.0
63	26.1	23.4	35.0



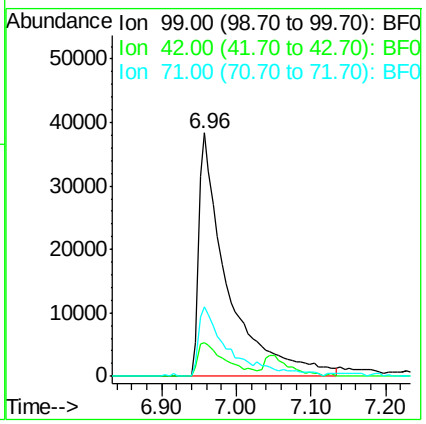


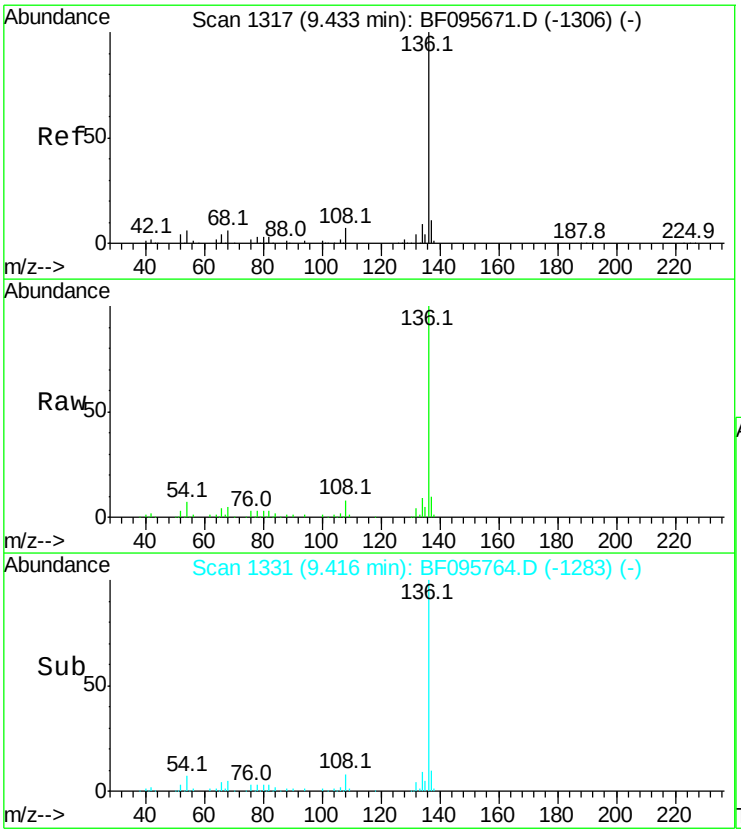
#7
Phenol-d6
Concen: 18.61 ng
RT: 6.96 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Instrument :
BNA_F
ClientSampleId :
TR-RO-45-060517

Tgt Ion: 99 Resp: 102935

Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.5	20.3
71	28.7	24.5	36.7

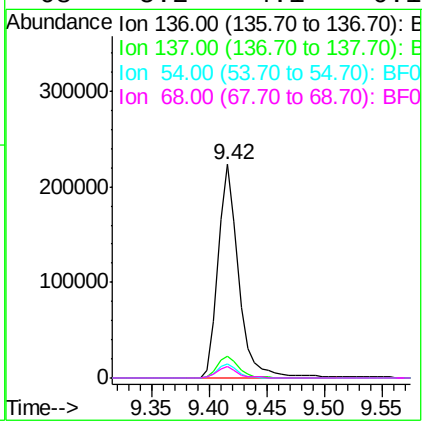


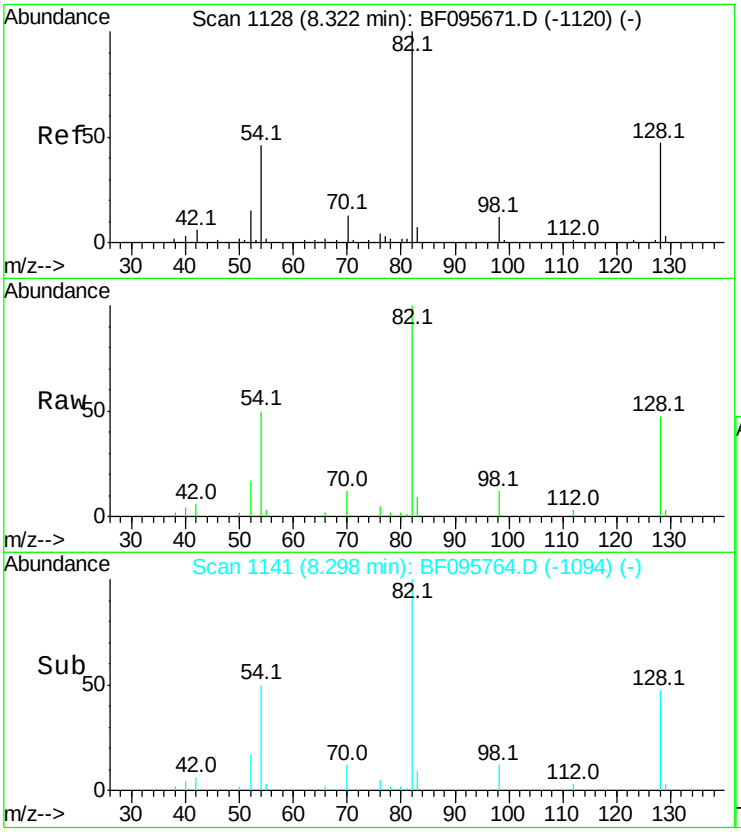


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Tgt Ion:136 Resp: 277095

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.7	4.9	7.3
68	5.2	4.1	6.1



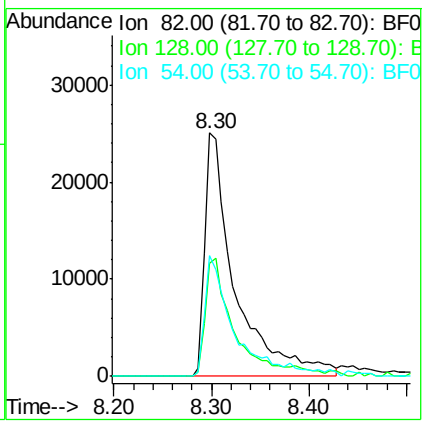


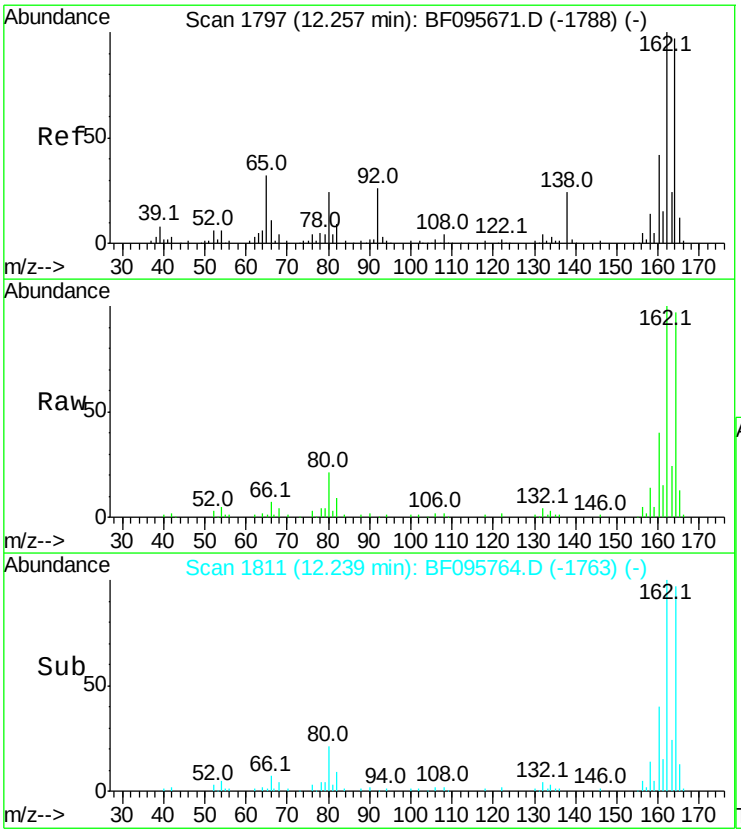
#23
Nitrobenzene-d5
Concen: 12.15 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Instrument :
BNA_F
ClientSampleId :
TR-RO-45-060517

Tgt Ion: 82 Resp: 54208

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	49.7	42.2	63.2

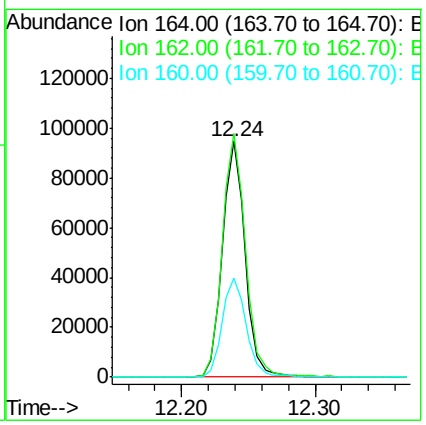


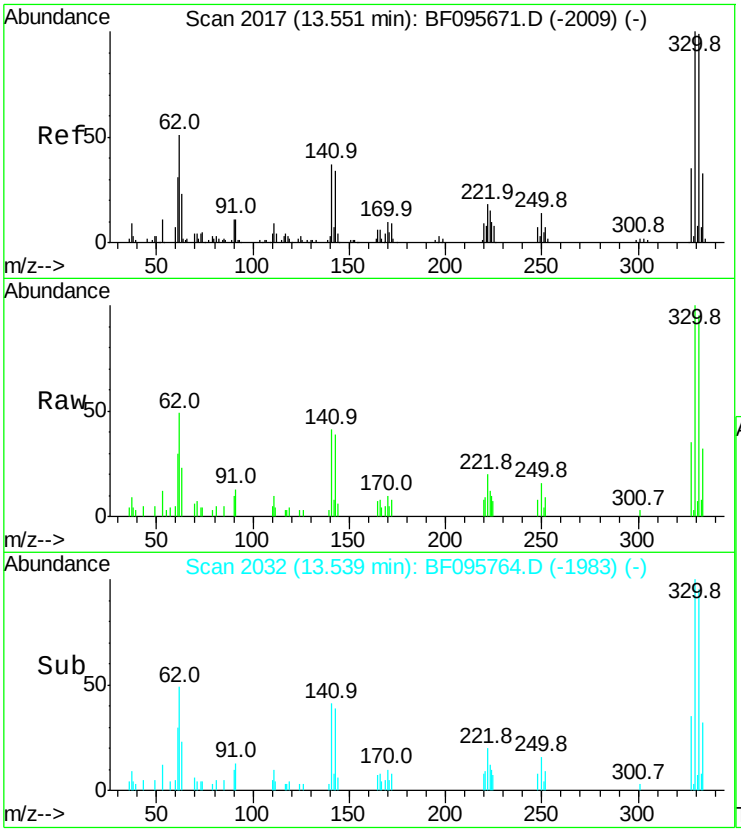


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Tgt Ion:164 Resp: 113149

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	41.8	36.2	54.2



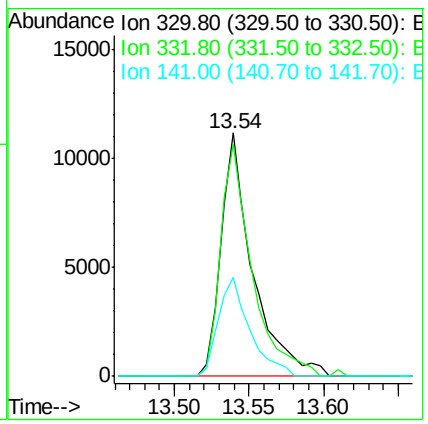


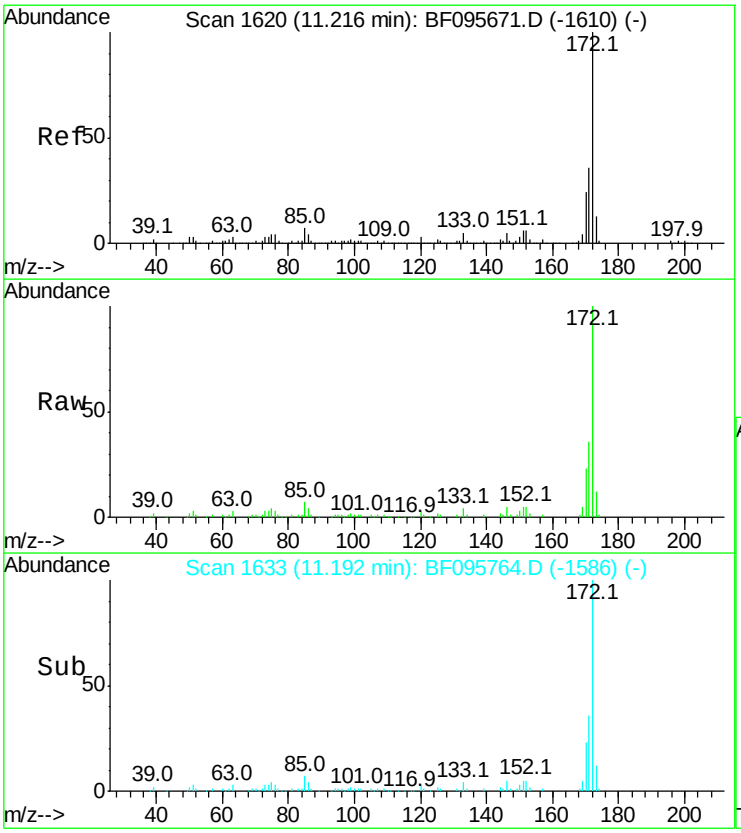
#41
2,4,6-Tribromophenol
Concen: 16.65 ng
RT: 13.54 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Instrument :
BNA_F
ClientSampleId :
TR-RO-45-060517

Tgt Ion:330 Resp: 16668

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	40.3	31.4	47.2

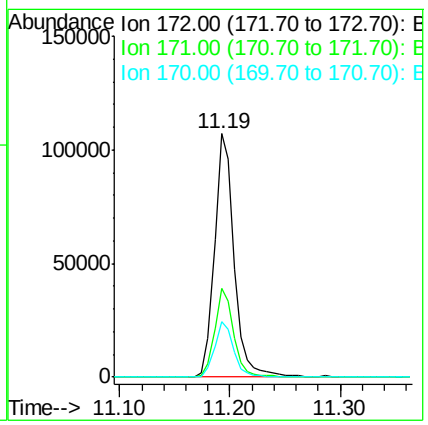


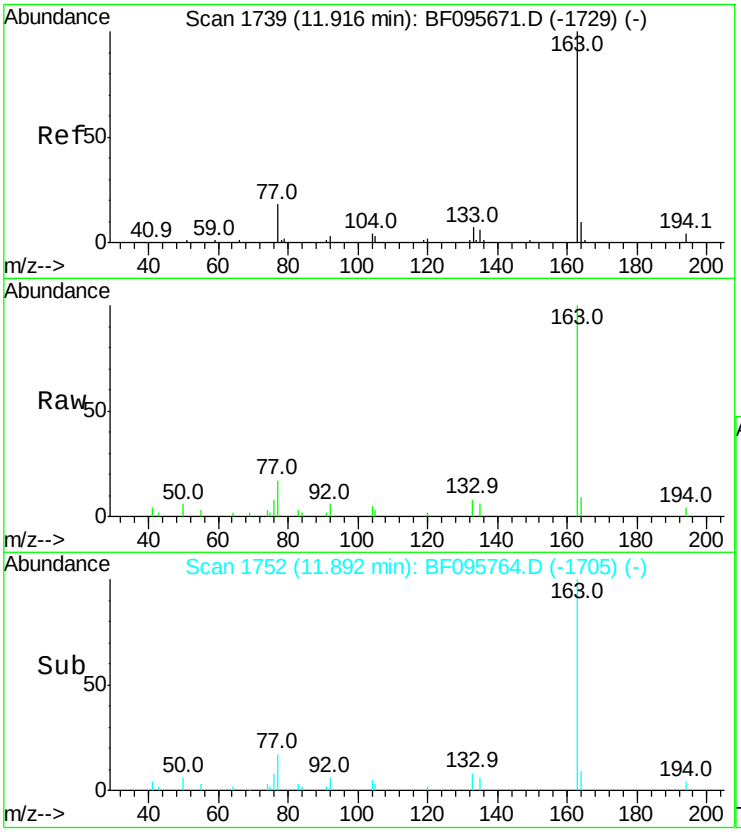


#44
2-Fluorobiphenyl
Concen: 16.11 ng
RT: 11.19 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Tgt Ion:172 Resp: 130977

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.0	19.8	29.8



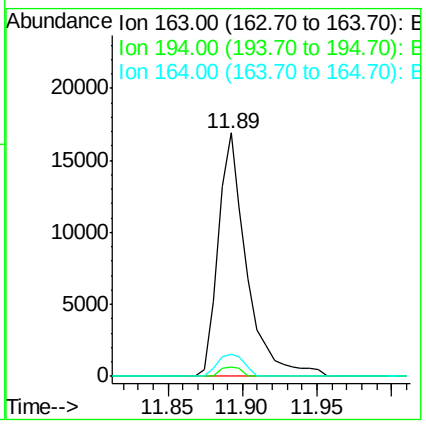


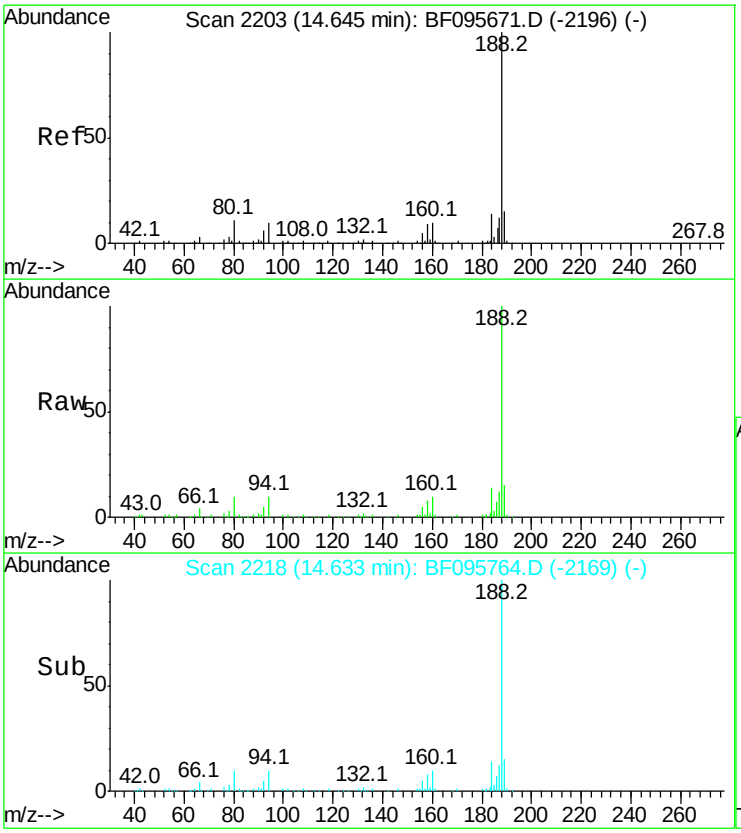
#49
Dimethylphthalate
Concen: 2.63 ng
RT: 11.89 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Instrument :
BNA_F
ClientSampleId :
TR-RO-45-060517

Tgt Ion:163 Resp: 22583

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	8.9	8.4	12.6

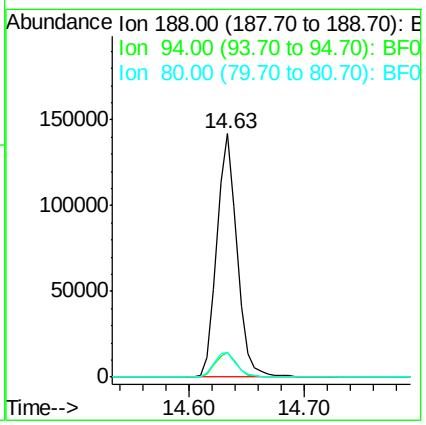


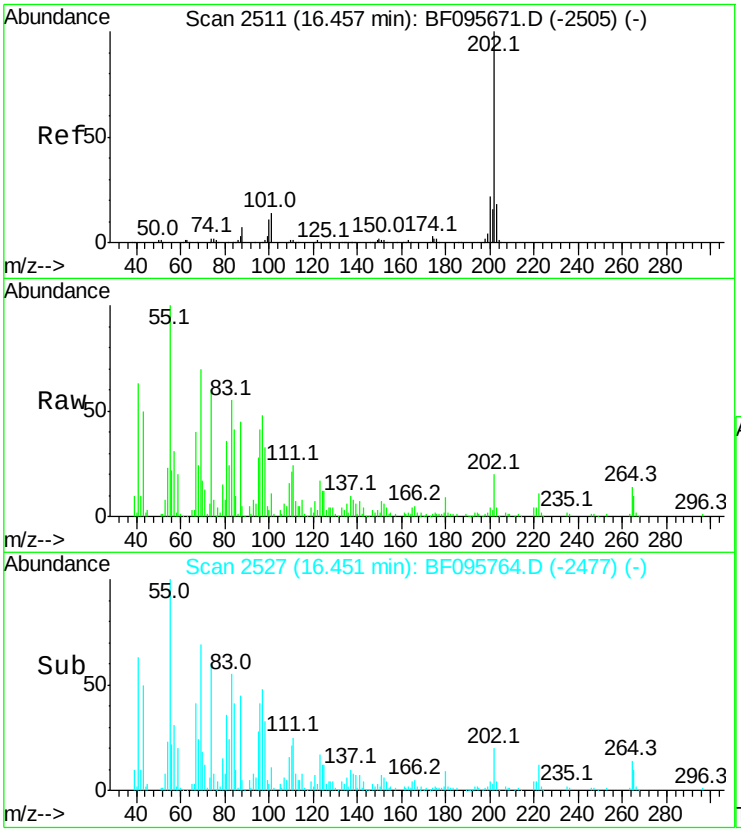


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Tgt Ion:188 Resp: 172327

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.0	10.2	15.2#



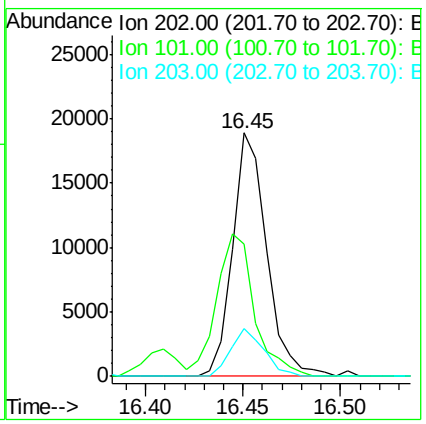


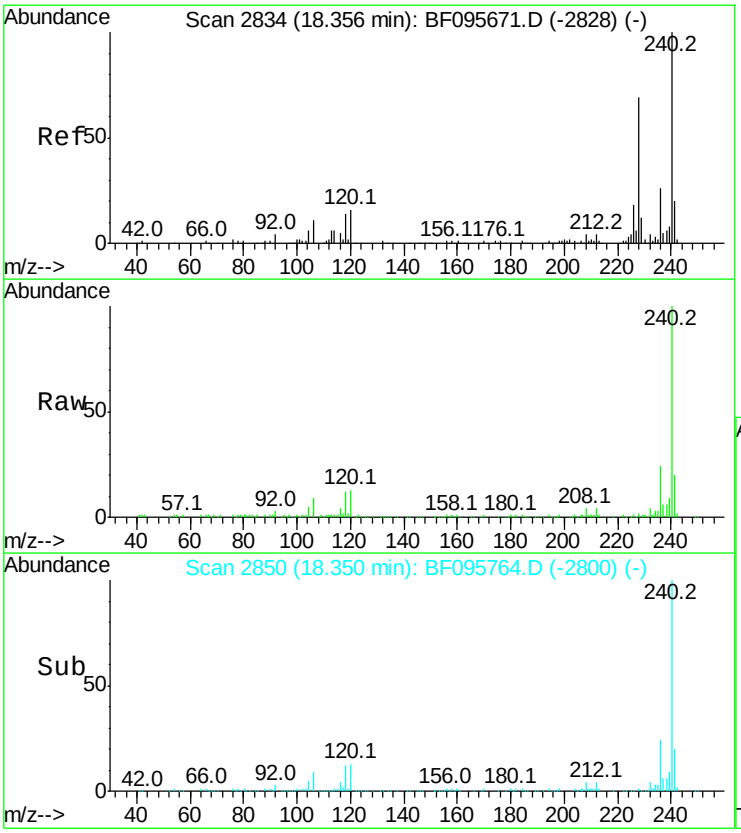
#74
Fluoranthene
Concen: 2.32 ng
RT: 16.45 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Instrument :
BNA_F
ClientSampleId :
TR-RO-45-060517

Tgt Ion:202 Resp: 22819

Ion	Ratio	Lower	Upper
202	100		
101	54.2	0.0	33.2#
203	19.5	0.0	38.1

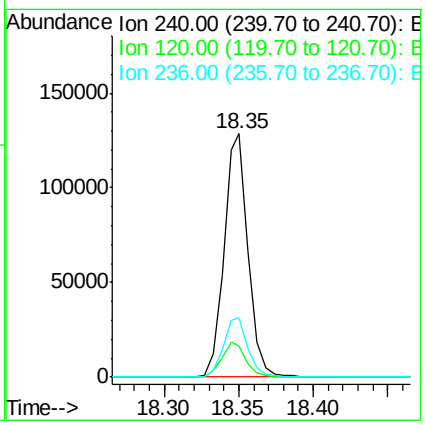


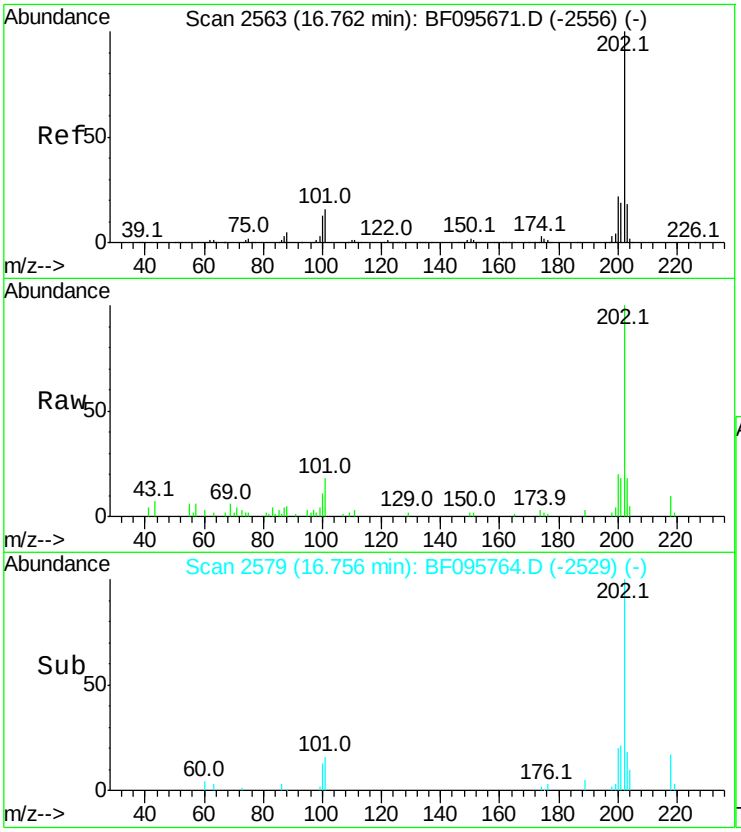


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.35 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Tgt Ion:240 Resp: 144940

Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.8	8.8#
236	24.2	20.5	30.7



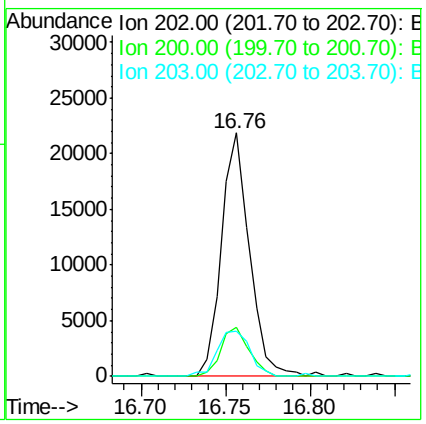


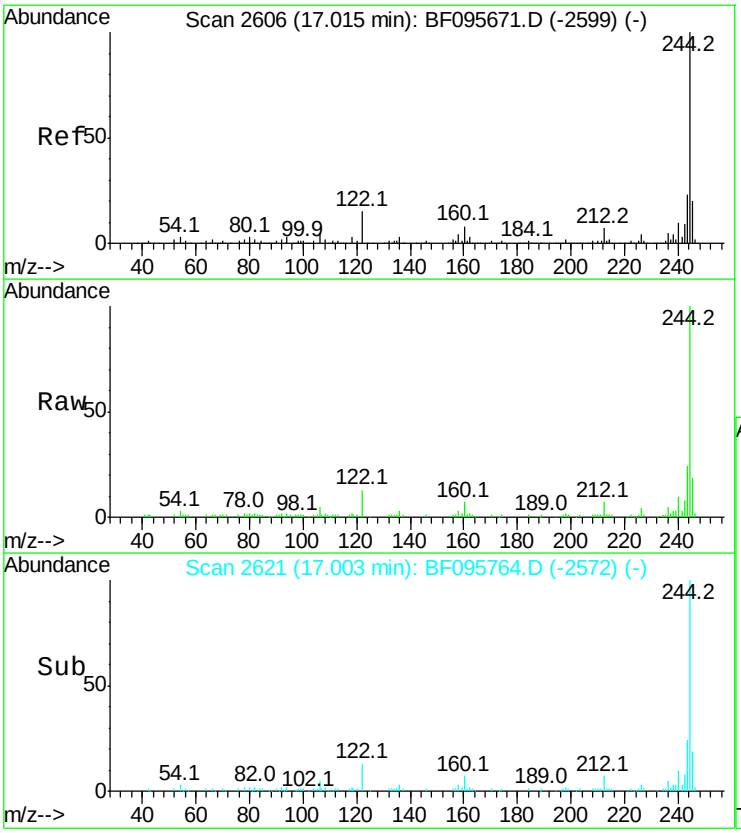
#77
Pyrene
Concen: 2.33 ng
RT: 16.76 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Instrument :
BNA_F
ClientSampleId :
TR-RO-45-060517

Tgt Ion:202 Resp: 25229

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.6	26.4
203	18.5	14.4	21.6

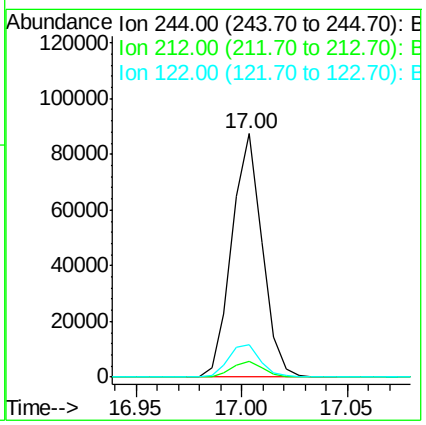


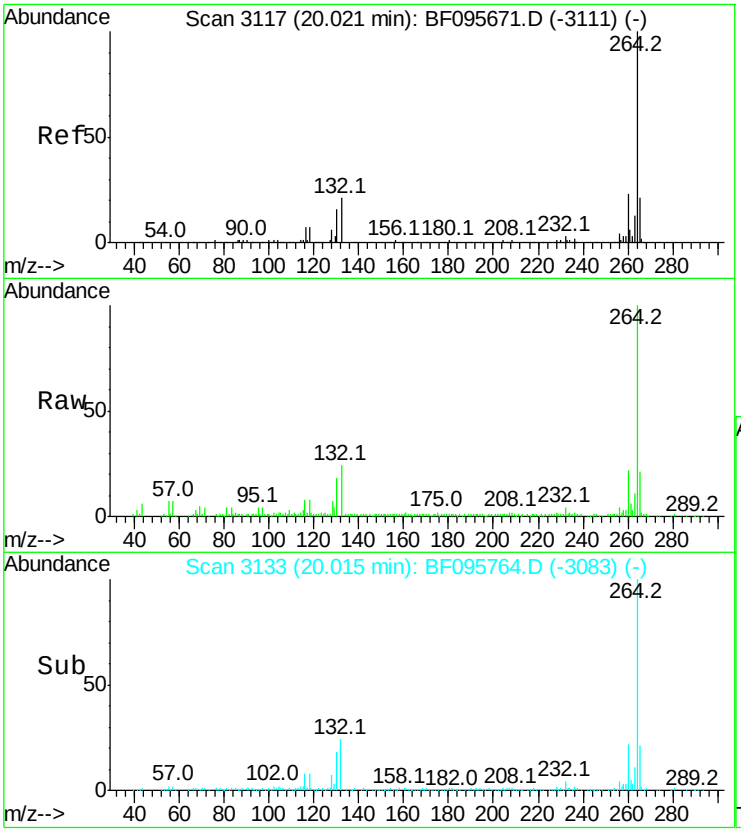


#78
Terphenyl-d14
Concen: 14.83 ng
RT: 17.00 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Tgt Ion:244 Resp: 86636

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.3	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095764.D
Acq: 8 Jun 2017 00:51

Instrument :
BNA_F
ClientSampleId :
TR-RO-45-060517

Tgt Ion:264 Resp: 104096

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	21.1	17.2	25.8