Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
Data File : BF095714.D
Acq On : 6 Jun 2017 17:53
Operator : SJ/MA
Sample : PB99510BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB99510BL

Quant Time: Jun 07 03:01:05 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	96699	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	403806	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	197670	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	365850	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	252579	20.00	ng	-0.02
86) Perylene-d12	20.01	264	166562	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	675558	111.32	ng	0.00
7) Phenol-d6	6.94	99	796235	109.60	ng	-0.02
23) Nitrobenzene-d5	8.30	82	475310	73.10	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	176415	100.87	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	1017977	71.66	ng	-0.02
78) Terphenyl-d14	17.00	244	833067	81.85	ng	-0.01

Target Compounds	Qvalue

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

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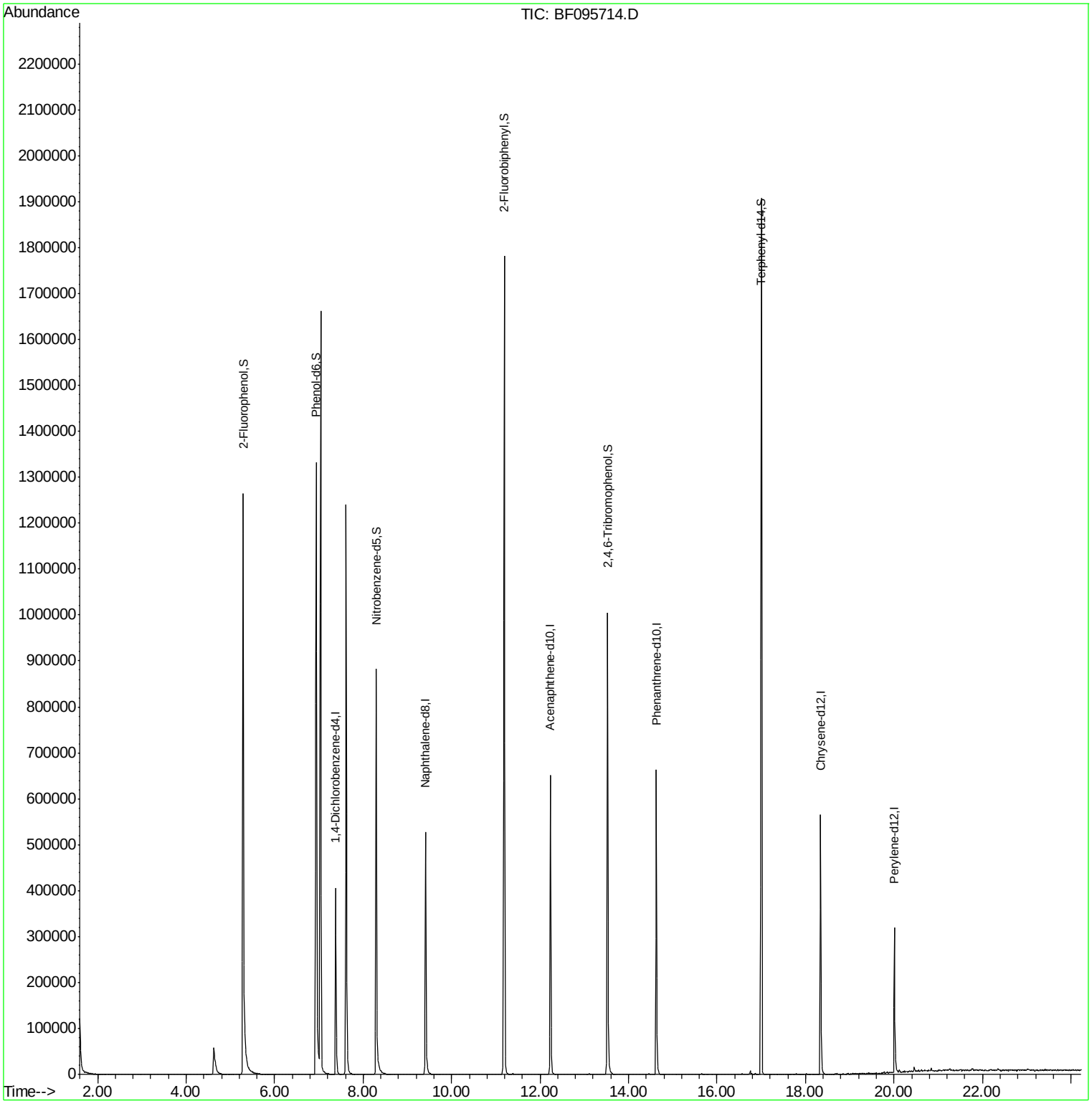
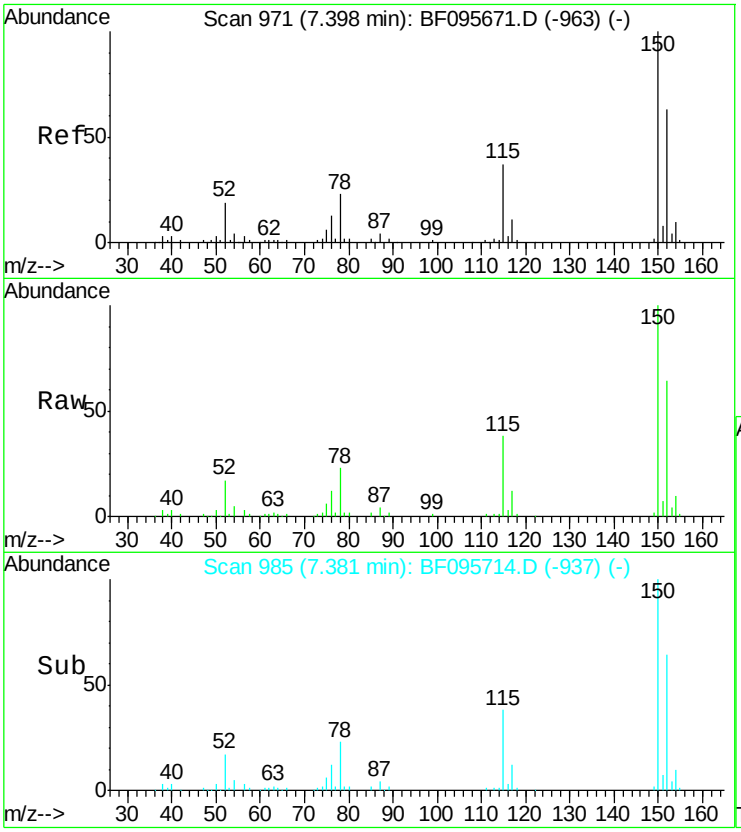


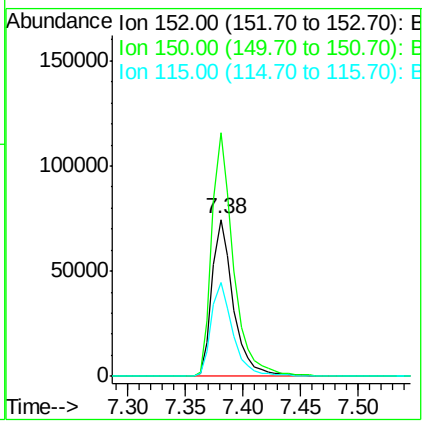


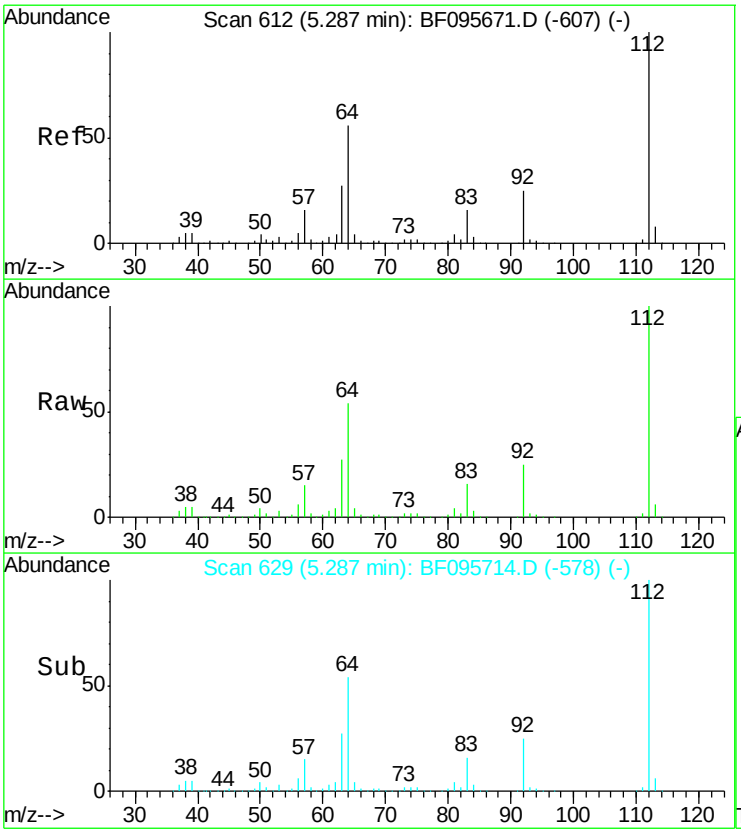
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Instrument :
BNA_F
ClientSampleId :
PB99510BL

Tgt Ion:152 Resp: 96699

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	59.6	52.2	78.2

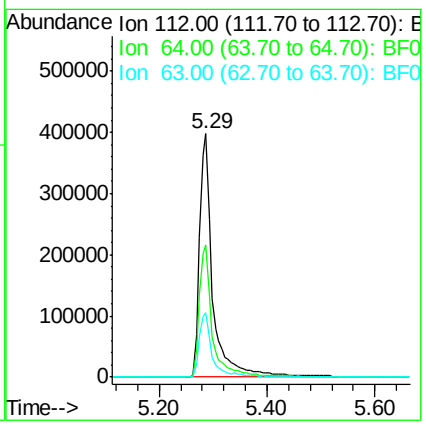


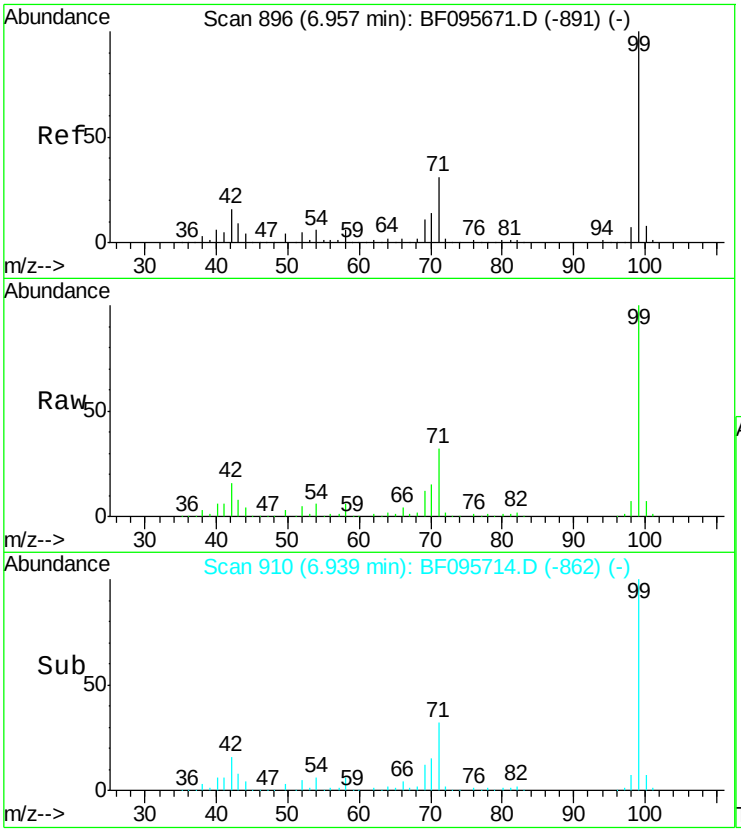


#5
2-Fluorophenol
Concen: 111.322 ng
RT: 5.29 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Tgt Ion:112 Resp: 675558

Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.0	69.0
63	26.7	23.4	35.0



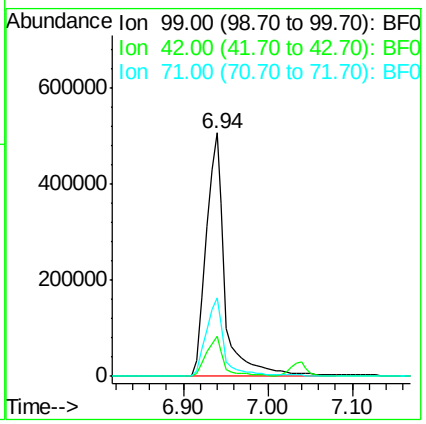


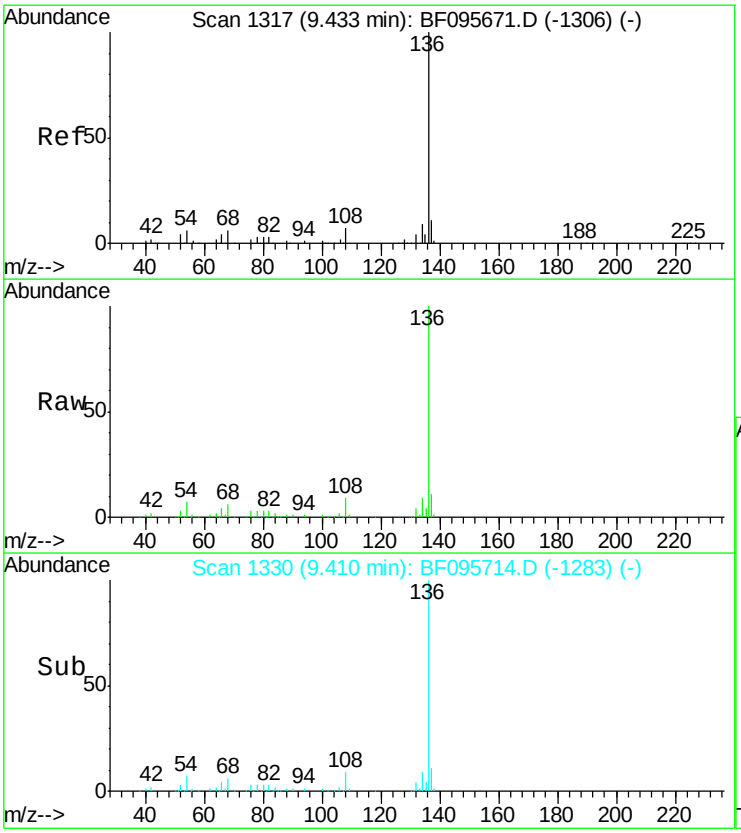
#7
Phenol-d6
Concen: 109.598 ng
RT: 6.94 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Instrument :
BNA_F
ClientSampleId :
PB99510BL

Tgt Ion: 99 Resp: 796235

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	32.4	24.5	36.7

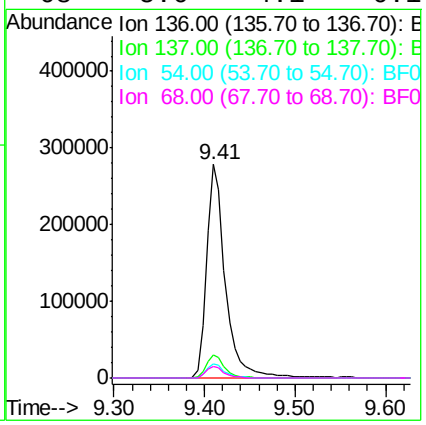


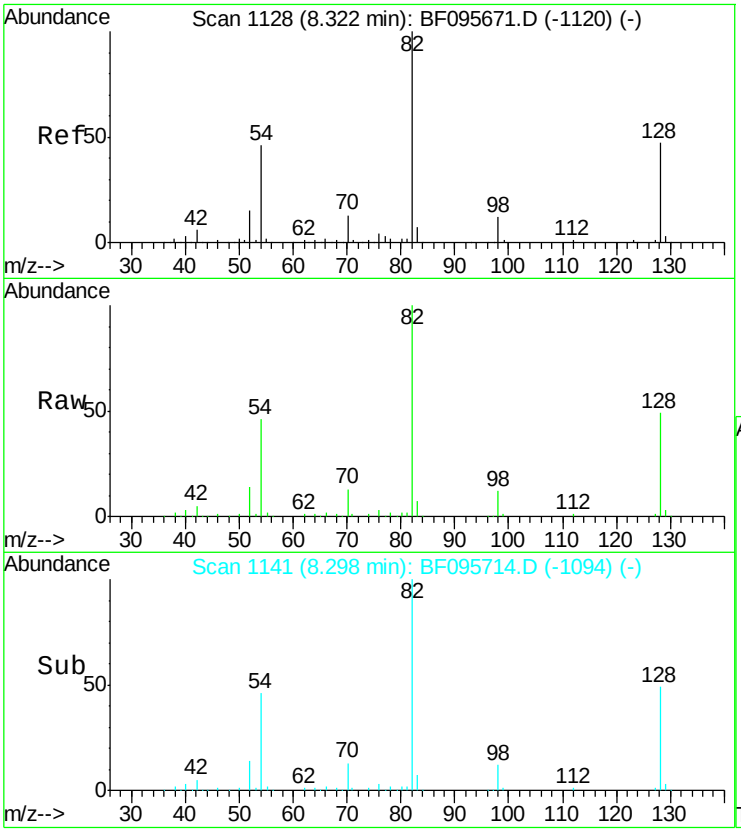


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.41 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Tgt Ion:136 Resp: 403806

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.7	4.9	7.3
68	5.6	4.1	6.1



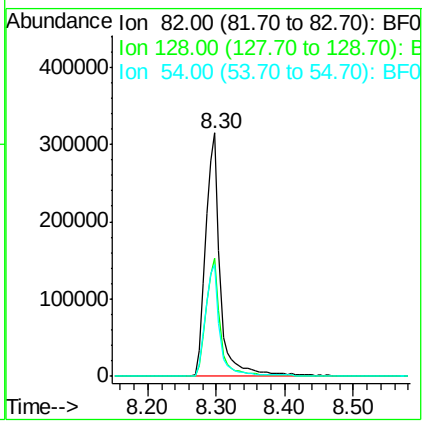


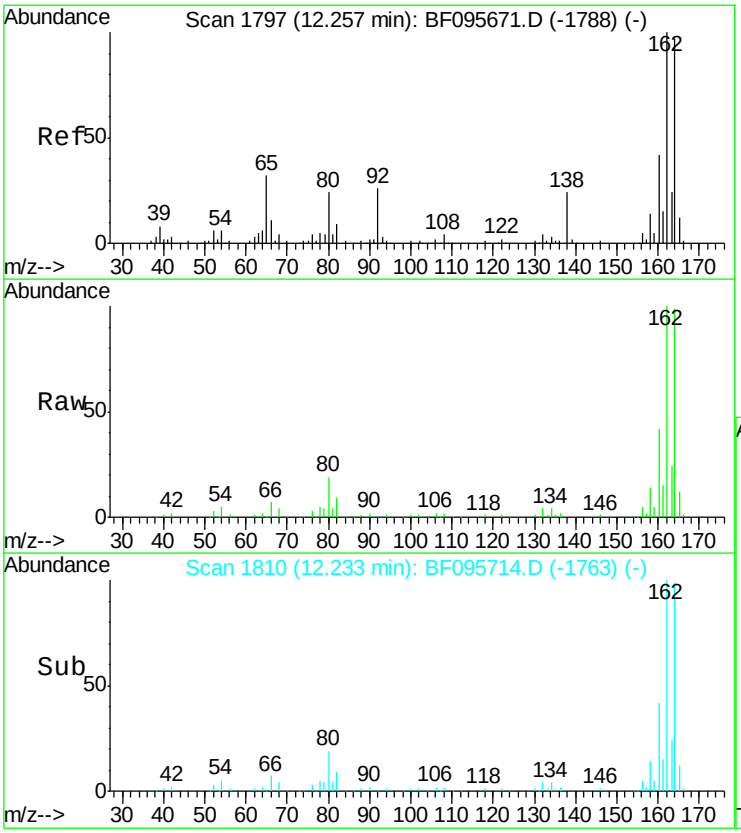
#23
Nitrobenzene-d5
Concen: 73.102 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Instrument :
BNA_F
ClientSampleId :
PB99510BL

Tgt Ion: 82 Resp: 475310

Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	45.8	42.2	63.2

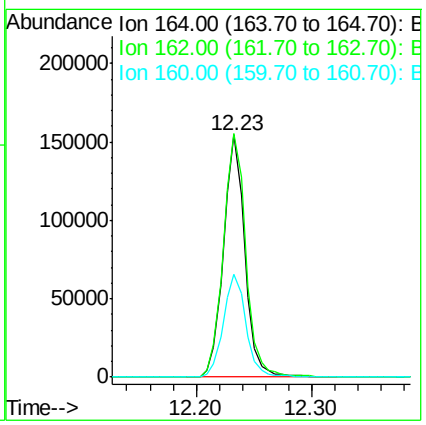


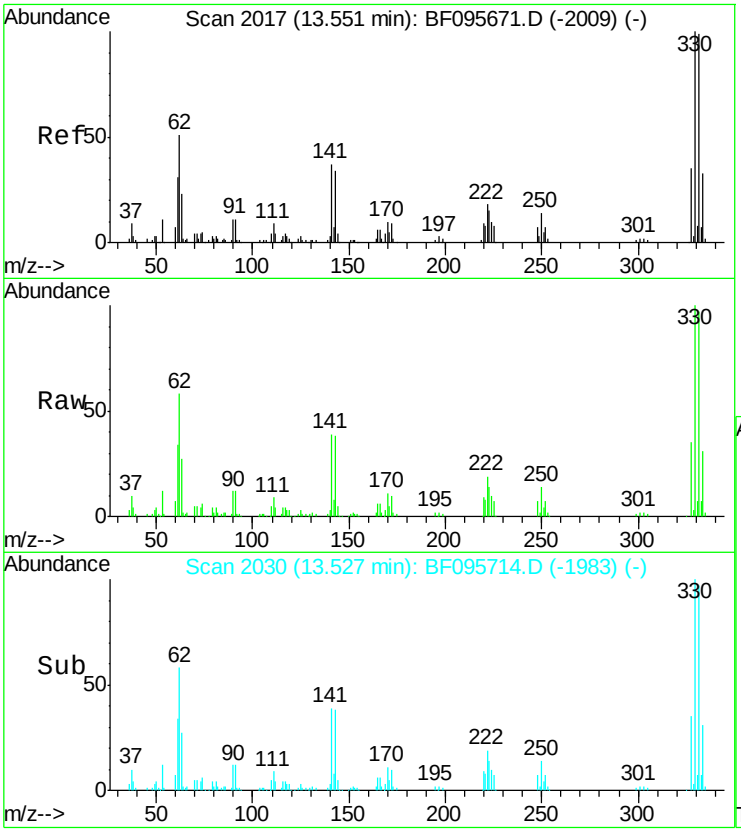


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.23 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Tgt Ion:164 Resp: 197670

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	123.8
160	42.7	36.2	54.2



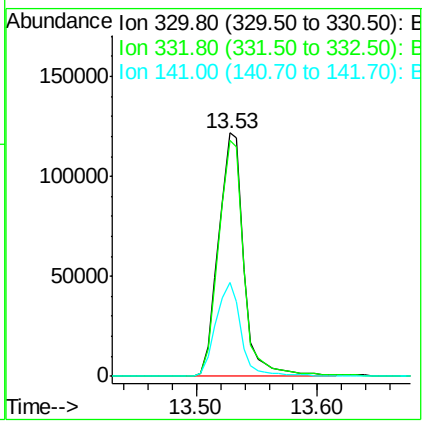


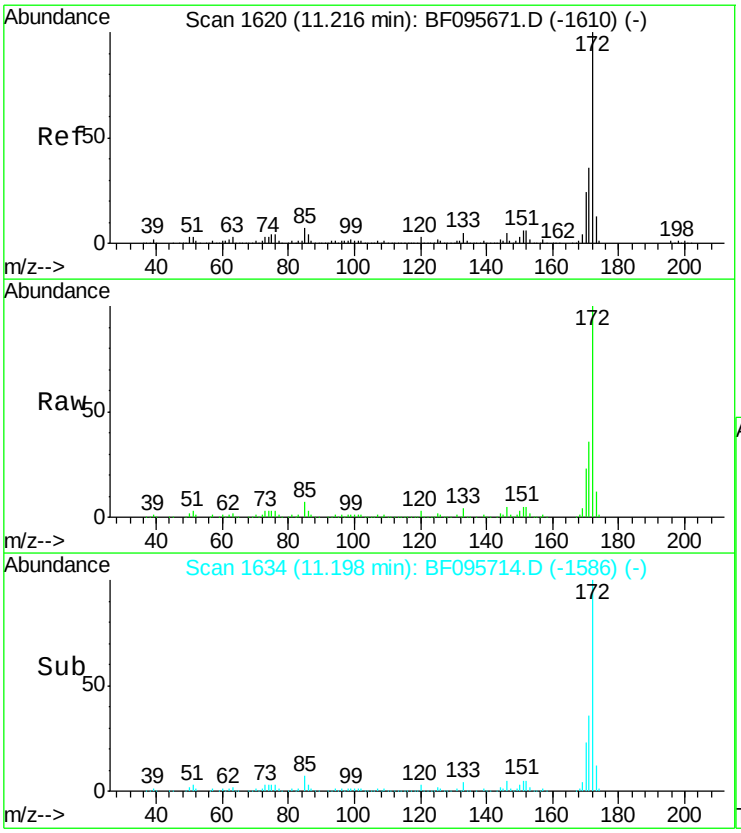
#41
2,4,6-Tribromophenol
Concen: 100.871 ng
RT: 13.53 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Instrument :
BNA_F
ClientSampleId :
PB99510BL

Tgt Ion:330 Resp: 176415

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	38.6	31.4	47.2

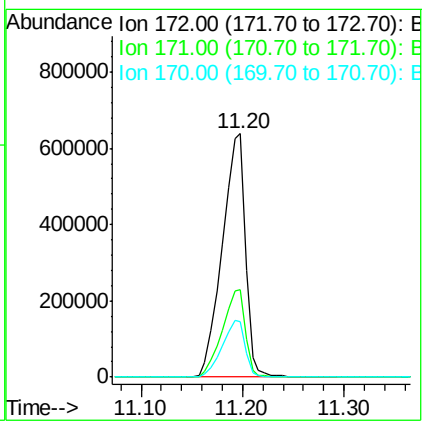


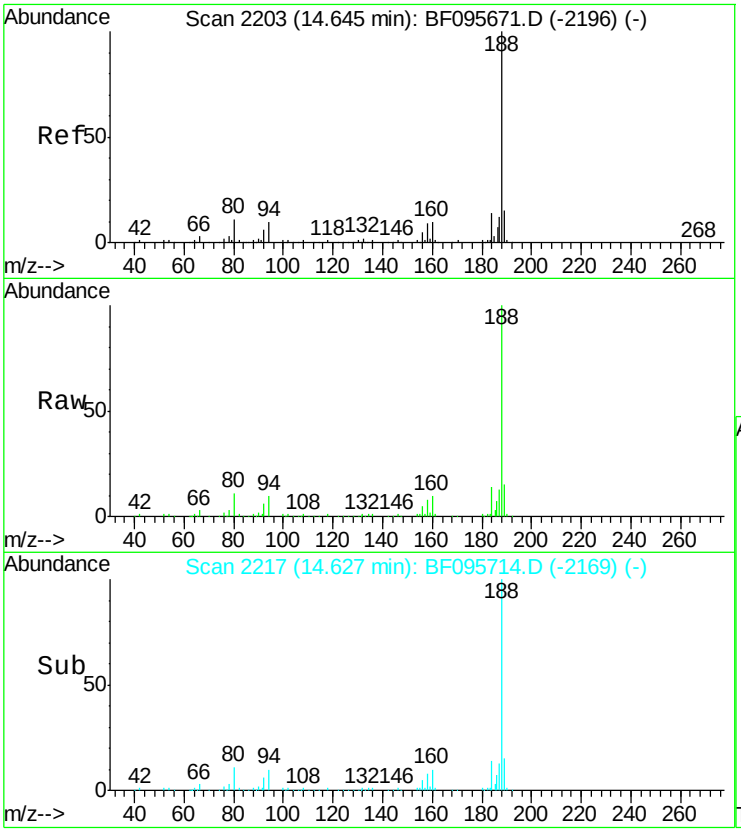


#44
2-Fluorobiphenyl
Concen: 71.664 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Tgt Ion:172 Resp: 1017977

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	22.9	19.8	29.8



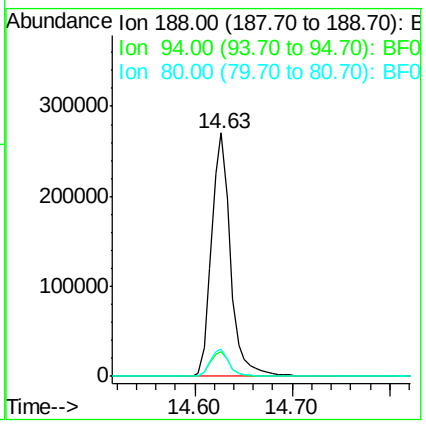


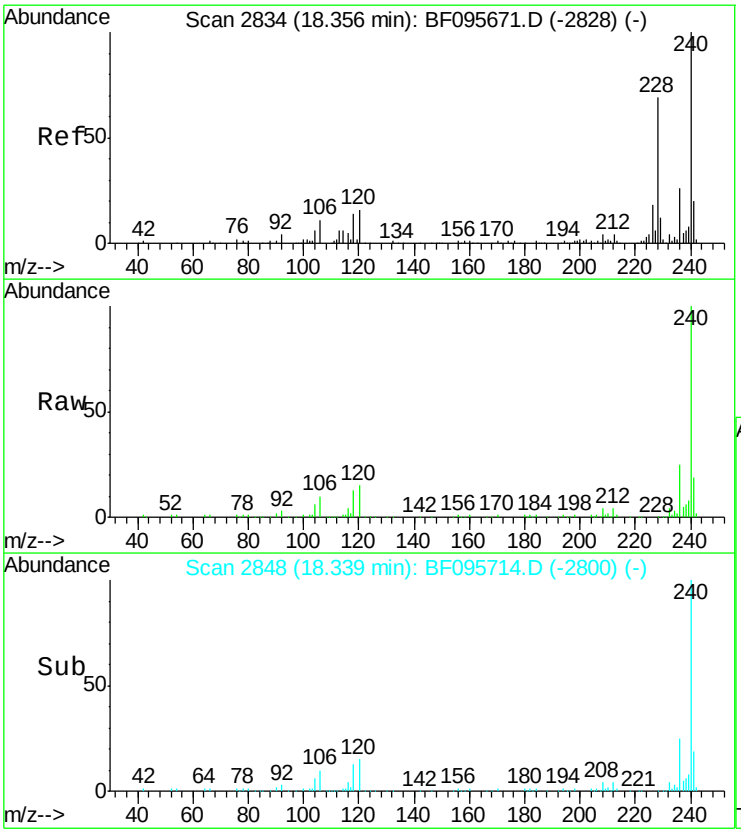
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Instrument :
BNA_F
ClientSampleId :
PB99510BL

Tgt Ion:188 Resp: 365850

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.4	10.2	15.2

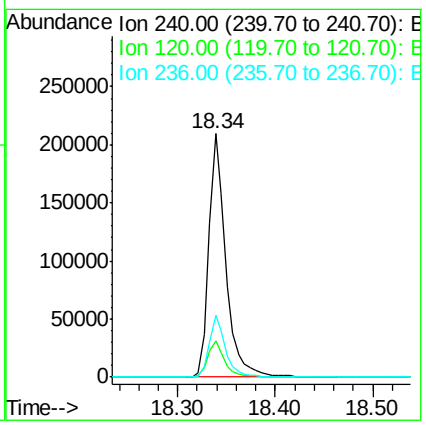


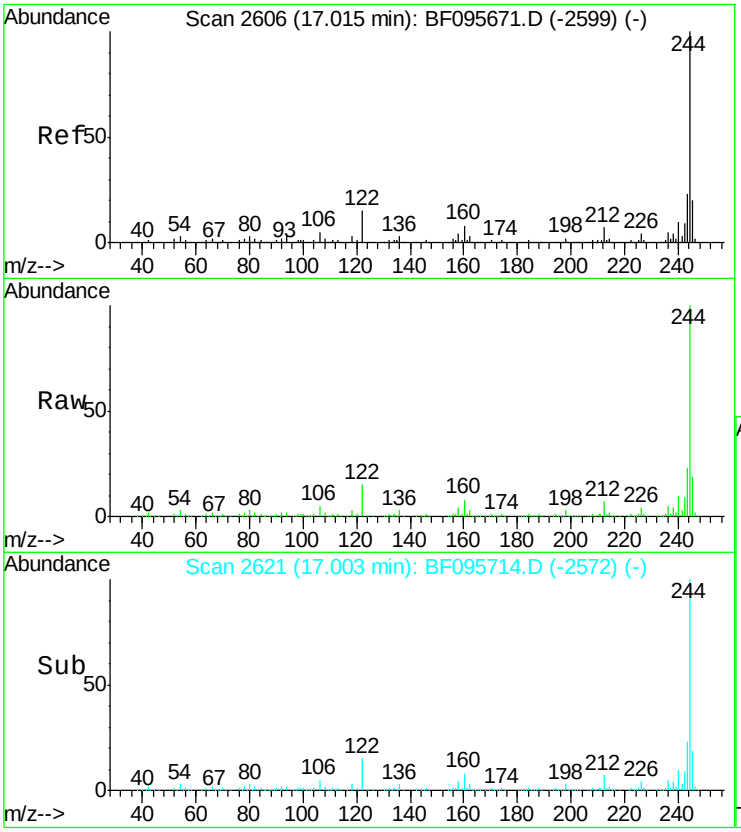


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Tgt Ion:240 Resp: 252579

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.3	20.5	30.7



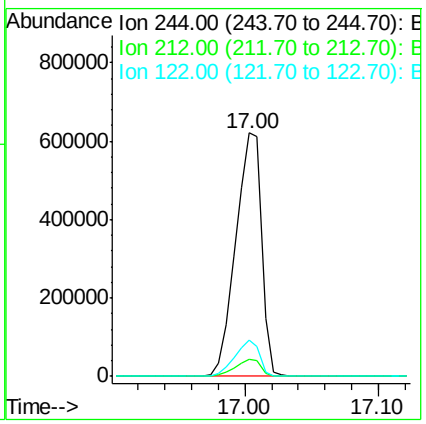


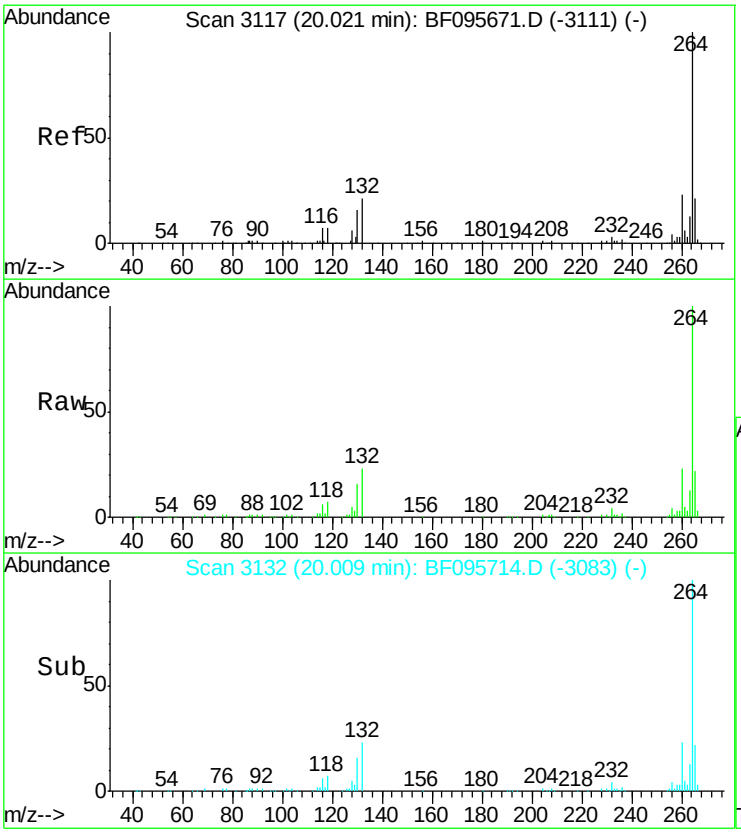
#78
Terphenyl-d14
Concen: 81.854 ng
RT: 17.00 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Instrument :
BNA_F
ClientSampleId :
PB99510BL

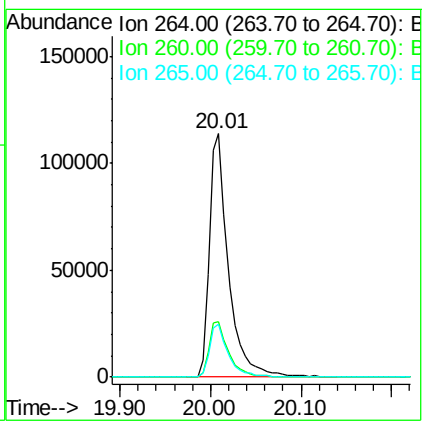
Tgt Ion:244 Resp: 833067

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.8	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 20.01 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Tgt Ion:264 Resp: 166562

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.6	17.2	25.8