Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101573.D
Acq On : 20 Dec 2017 17:45
Operator : SJ/JU
Sample : I6682-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-121817-C

Quant Time: Dec 21 04:27:04 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	152239	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	612357	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	267289	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	474728	20.00	ng	0.00
75) Chrysene-d12	13.97	240	280938	20.00	ng	0.00
86) Perylene-d12	15.43	264	306179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1118302	109.42	ng	0.02
7) Phenol-d6	6.44	99	1240270	97.51	ng	0.00
23) Nitrobenzene-d5	7.37	82	990700	90.06	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	322796	125.33	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1546369	89.75	ng	0.00
78) Terphenyl-d14	12.90	244	1247298	107.03	ng	0.00

Target Compounds	Qvalue

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

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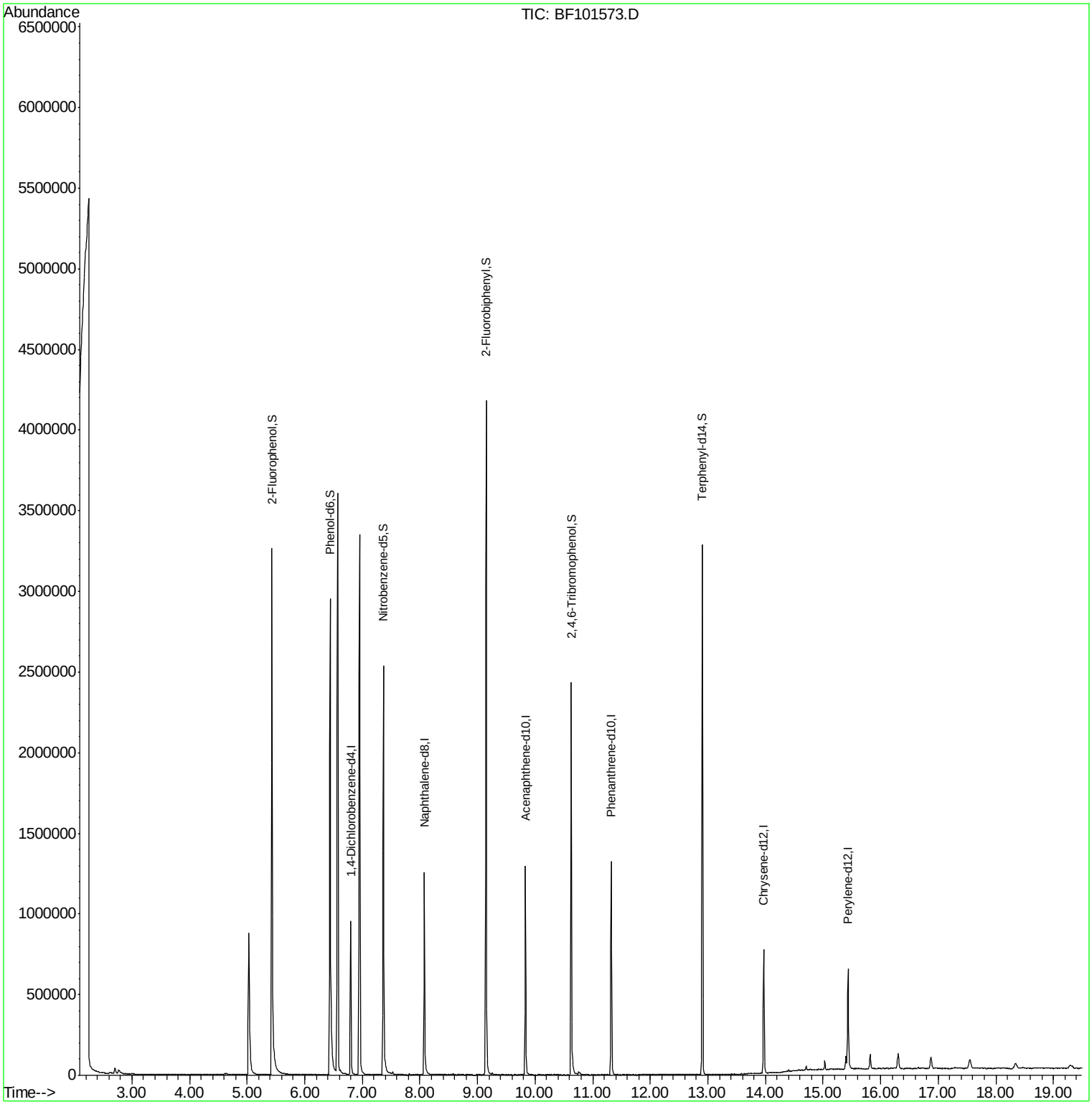
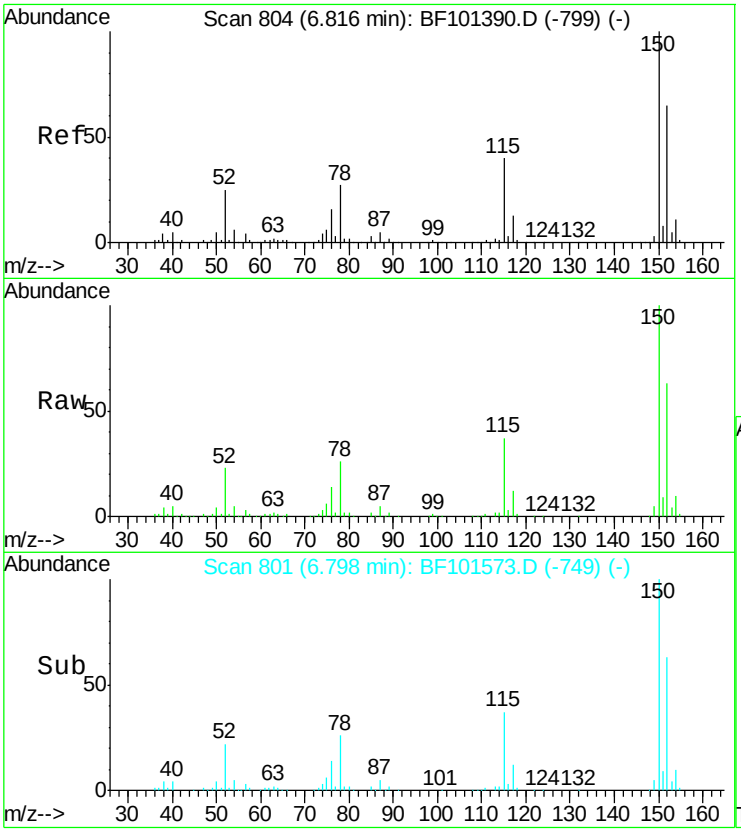


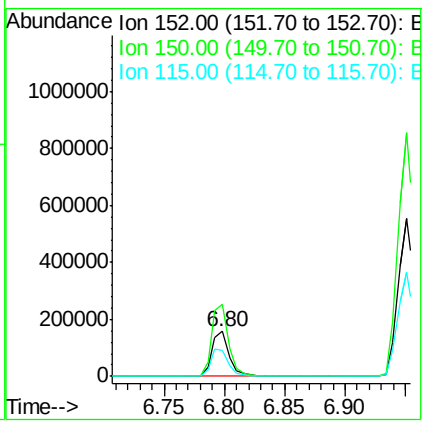


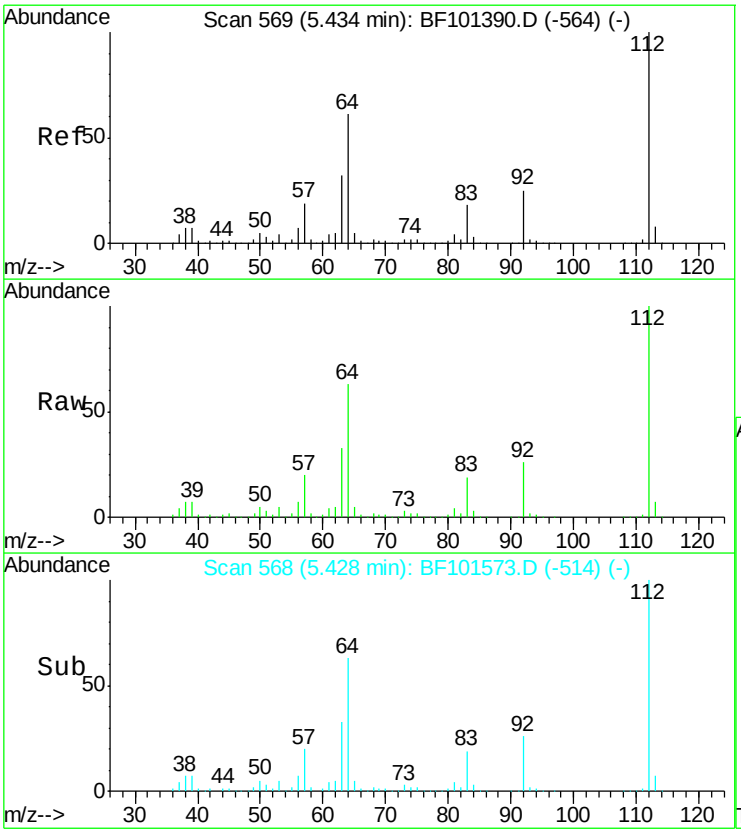
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

Tgt Ion:152 Resp: 152239

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	59.1	50.1	75.1

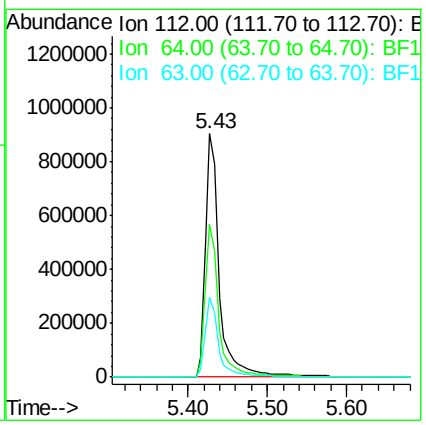


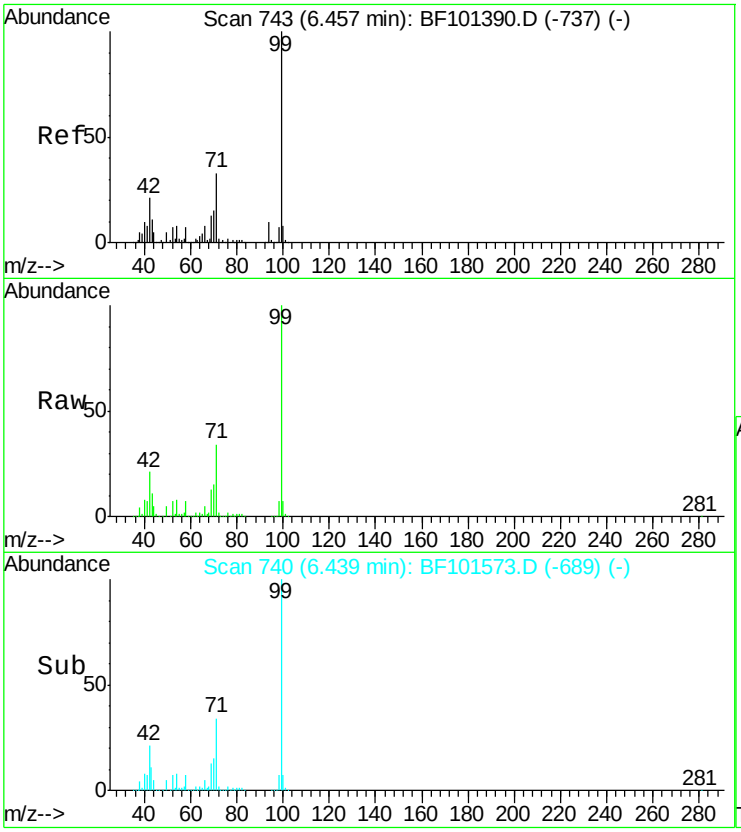


#5
2-Fluorophenol
Concen: 109.420 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Tgt Ion:112 Resp: 1118302

Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	32.5	23.7	35.5



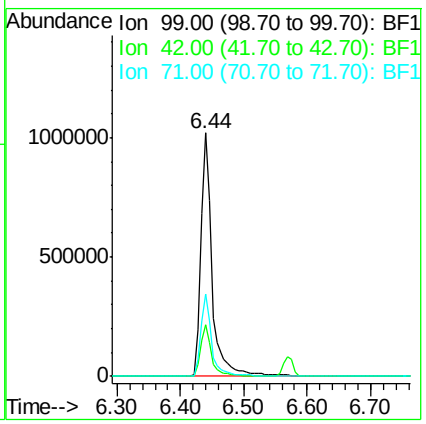


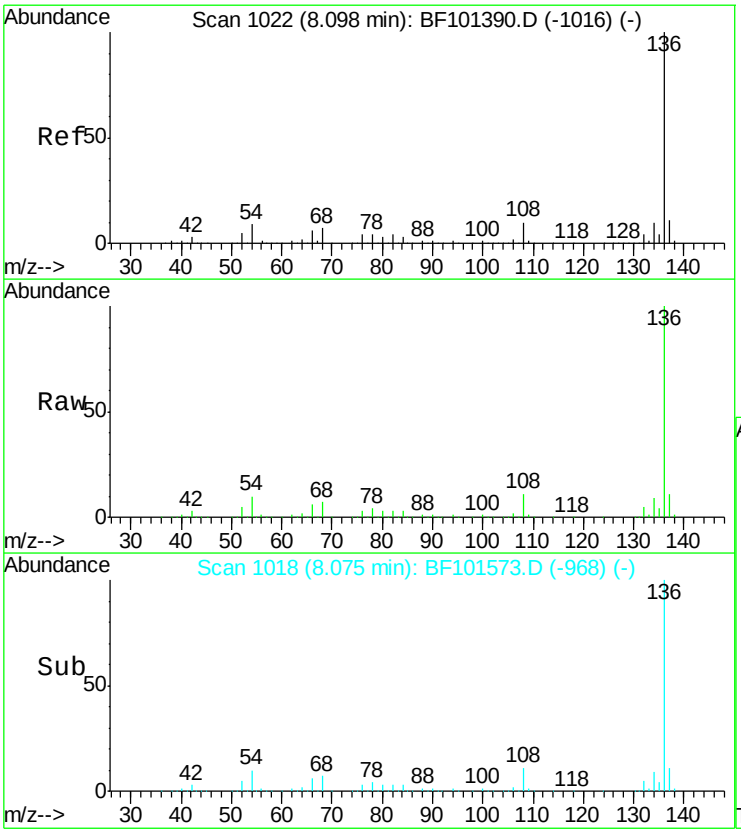
#7
Phenol-d6
Concen: 97.509 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

Tgt Ion: 99 Resp: 1240270

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	33.7	25.4	38.0

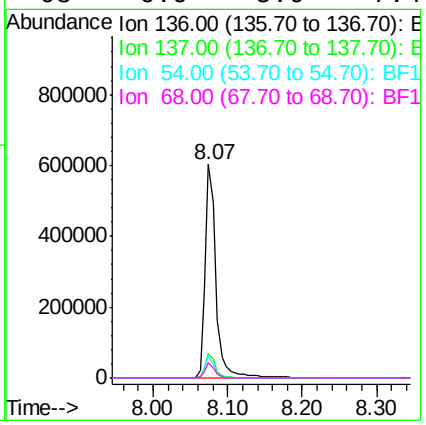


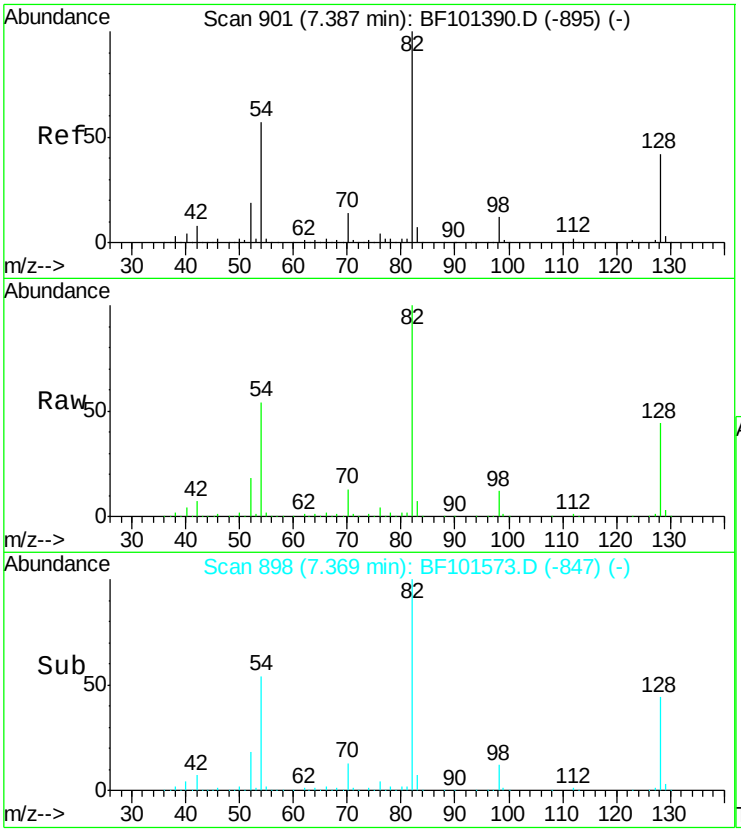


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Tgt Ion:136 Resp: 612357

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.9	6.6	9.8#
68	6.9	5.0	7.4



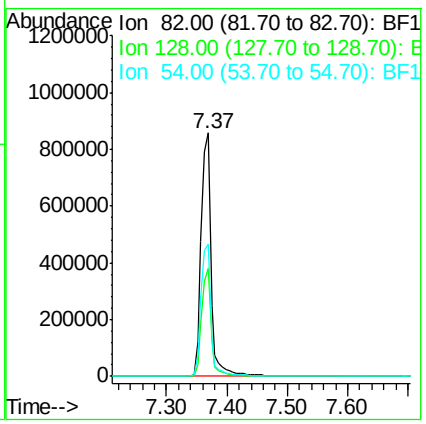


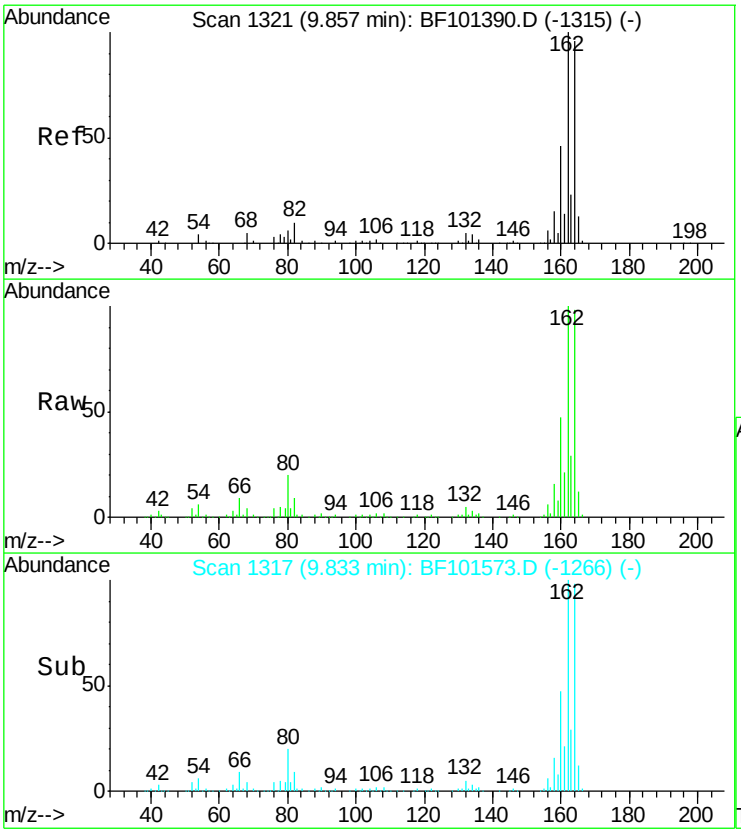
#23
Nitrobenzene-d5
Concen: 90.059 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

Tgt Ion: 82 Resp: 990700

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	54.1	41.4	62.2

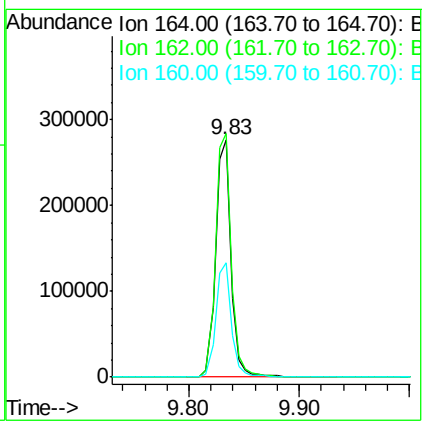


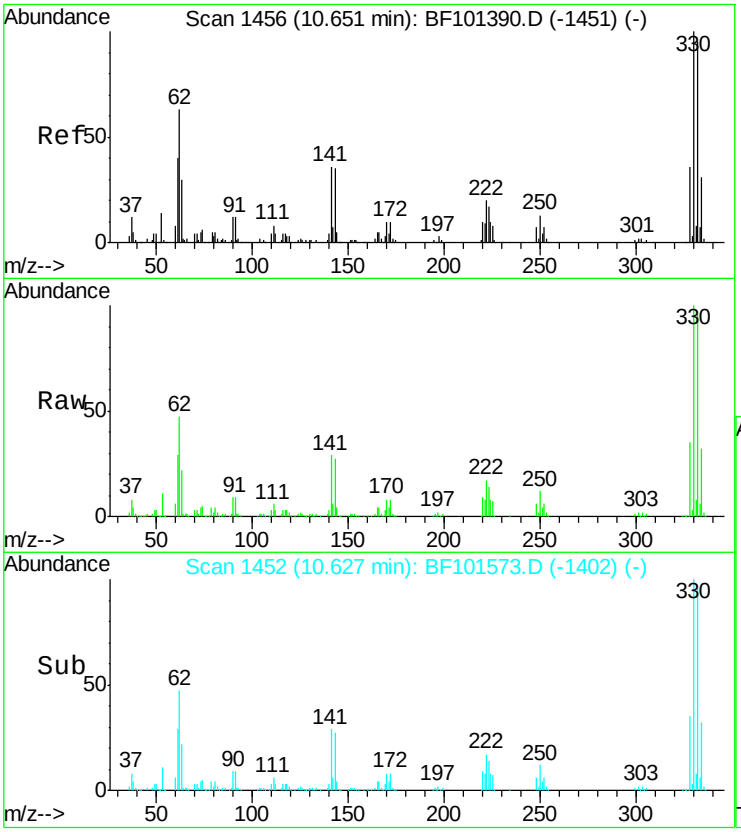


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Tgt Ion:164 Resp: 267289

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	47.9	38.3	57.5



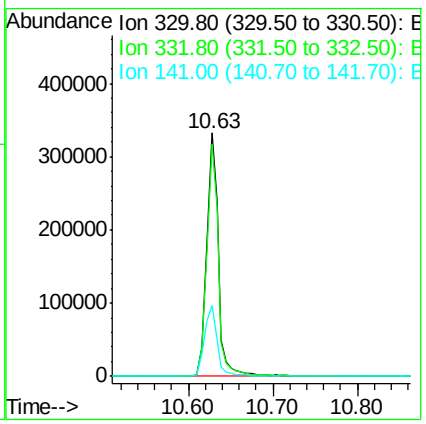


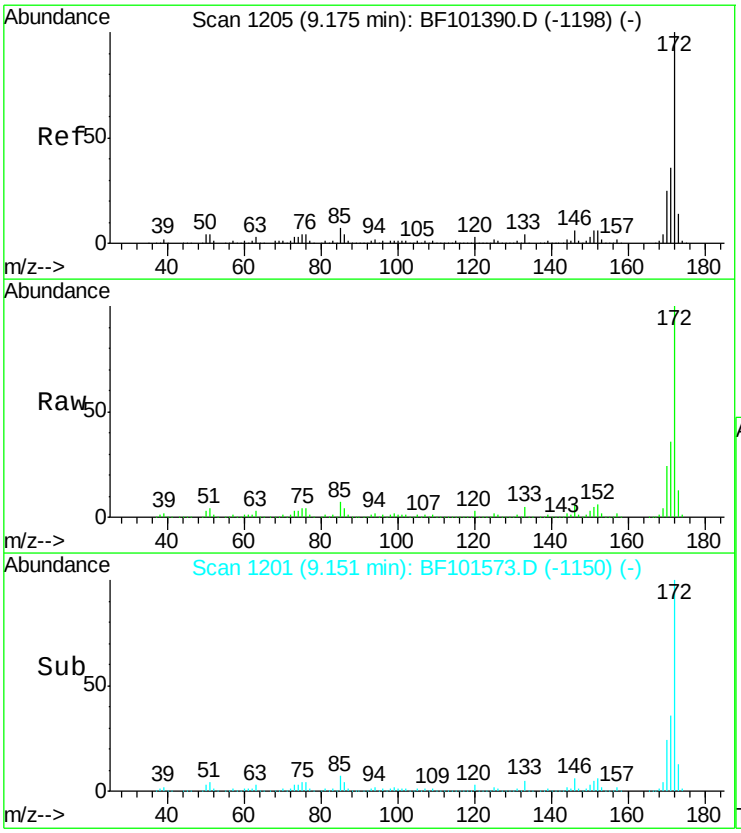
#41
2,4,6-Tribromophenol
Concen: 125.331 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

Tgt Ion:330 Resp: 322796

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	31.6	29.9	44.9

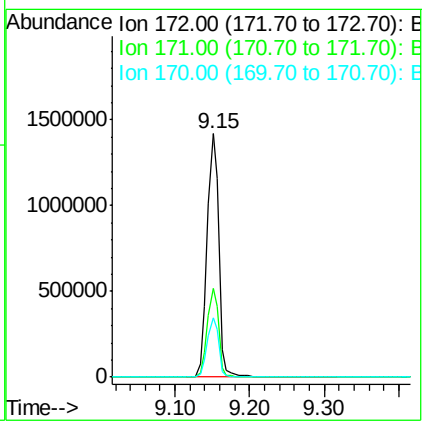


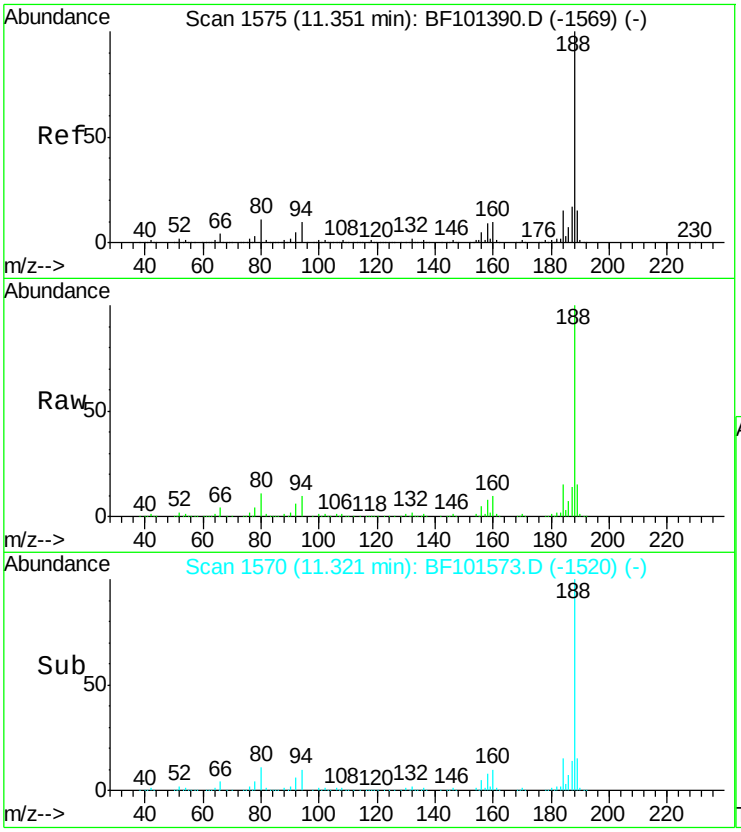


#44
2-Fluorobiphenyl
Concen: 89.745 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Tgt Ion:172 Resp: 1546369

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4



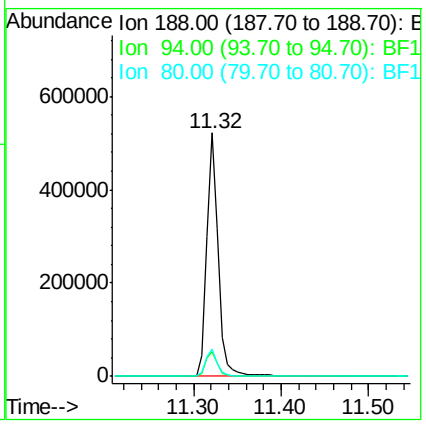


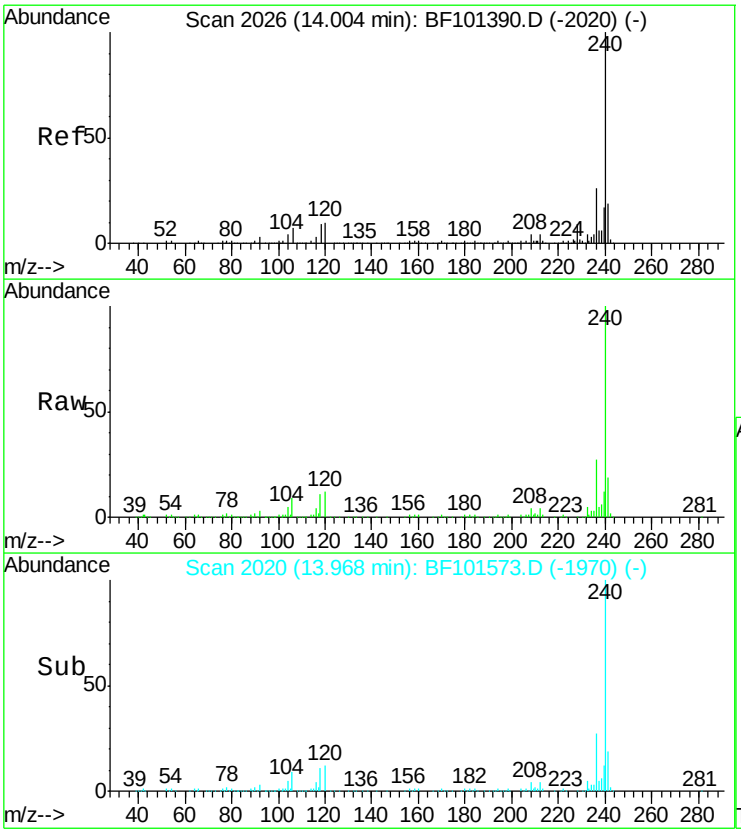
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

Tgt Ion:188 Resp: 474728

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.4	9.2	13.8

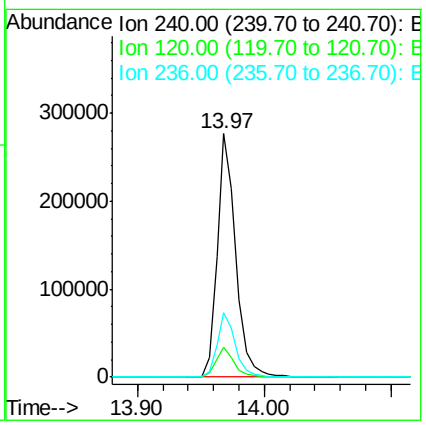


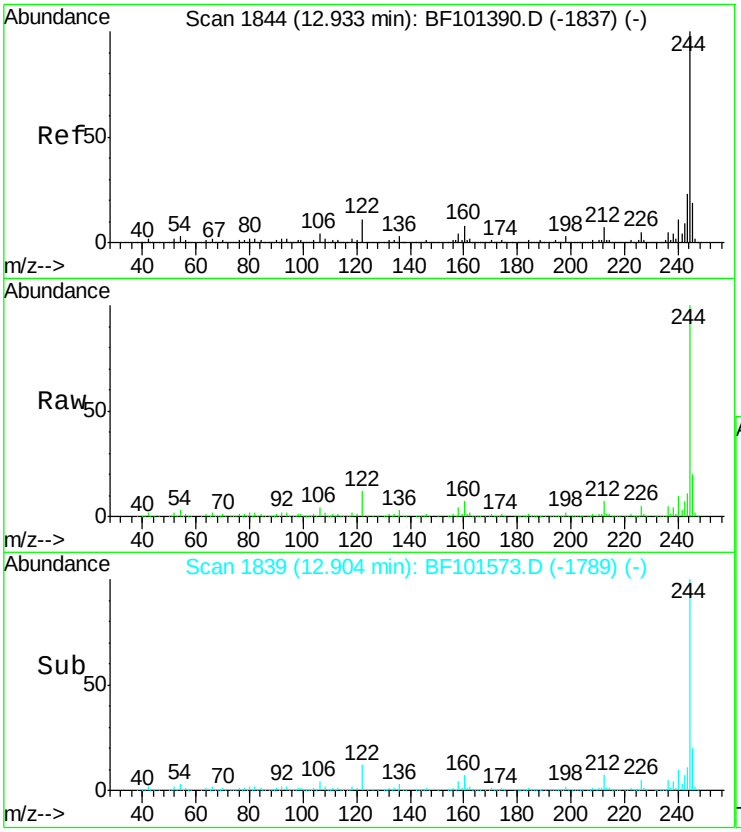


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Tgt Ion:240 Resp: 280938

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.5	20.7	31.1



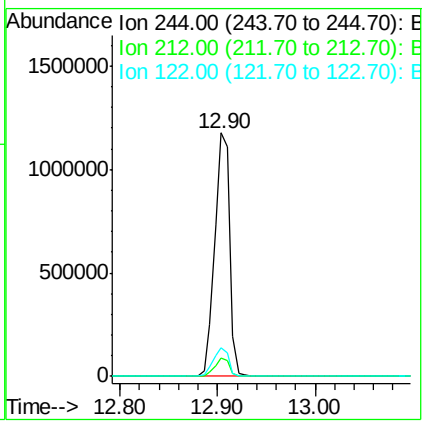


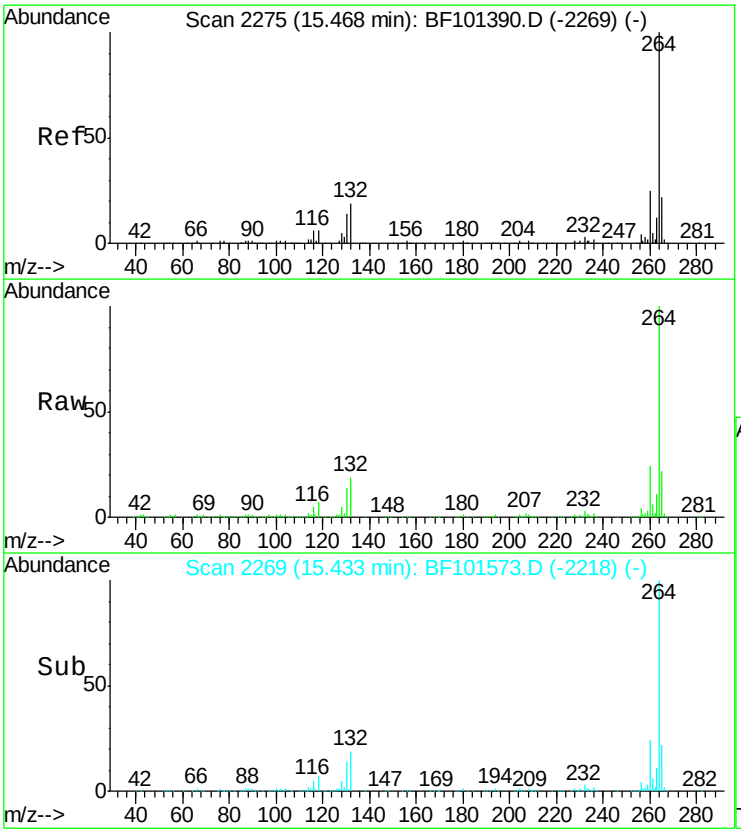
#78
Terphenyl-d14
Concen: 107.032 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-C

Tgt Ion:244 Resp: 1247298

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101573.D
Acq: 20 Dec 2017 17:45

Tgt Ion:264 Resp: 306179

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.5	26.3