Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103305.D
Acq On : 28 Feb 2018 20:44
Operator : SJ/JU
Sample : J1712-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2014-TRANS-LAUREL

Quant Time: Mar 01 00:58:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	153298	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	621772	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	231985	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	279379	20.00	ng	0.00
75) Chrysene-d12	14.06	240	233479	20.00	ng	0.00
86) Perylene-d12	15.55	264	241016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1227045	121.06	ng	0.01
7) Phenol-d6	6.51	99	1481838	119.48	ng	0.00
23) Nitrobenzene-d5	7.44	82	1001439	91.98	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	195301	99.46	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1215246	92.00	ng	0.00
78) Terphenyl-d14	12.99	244	722639	74.40	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	116949	6.284	ng	# 96

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

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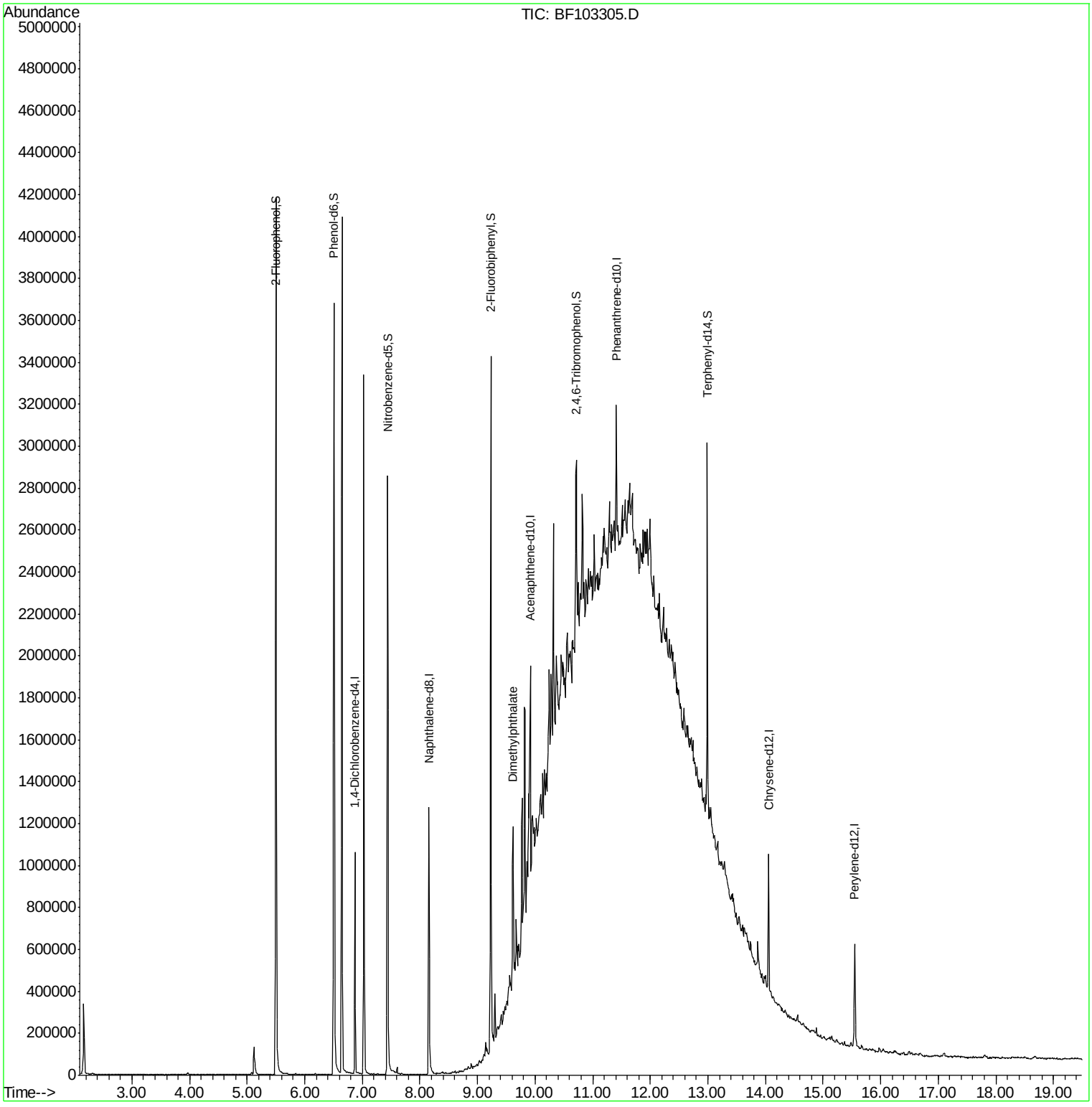
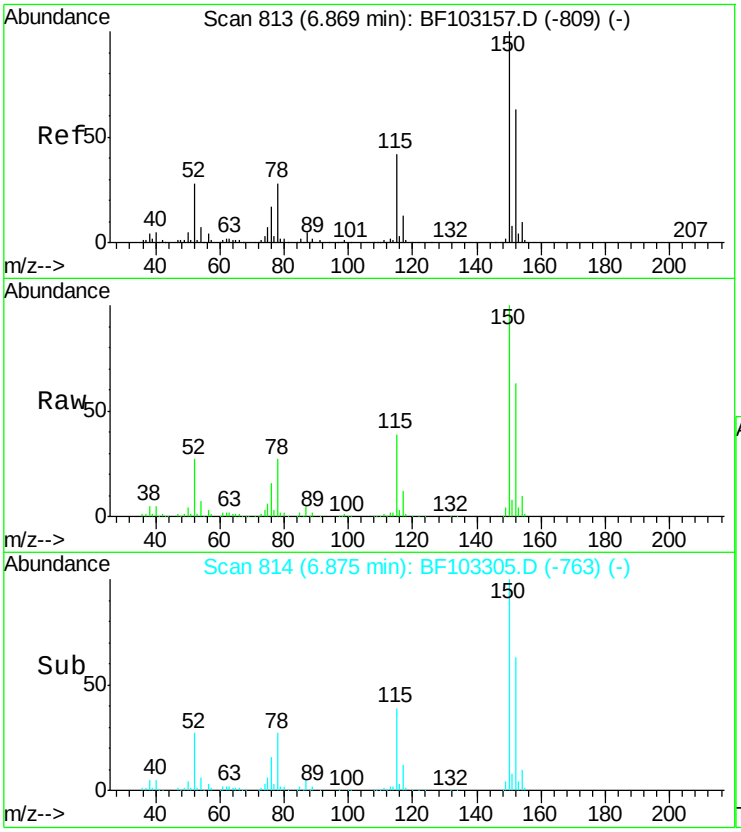


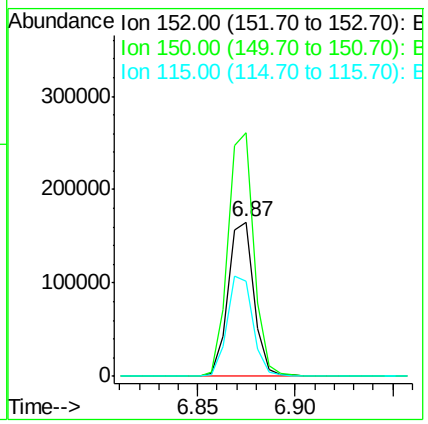


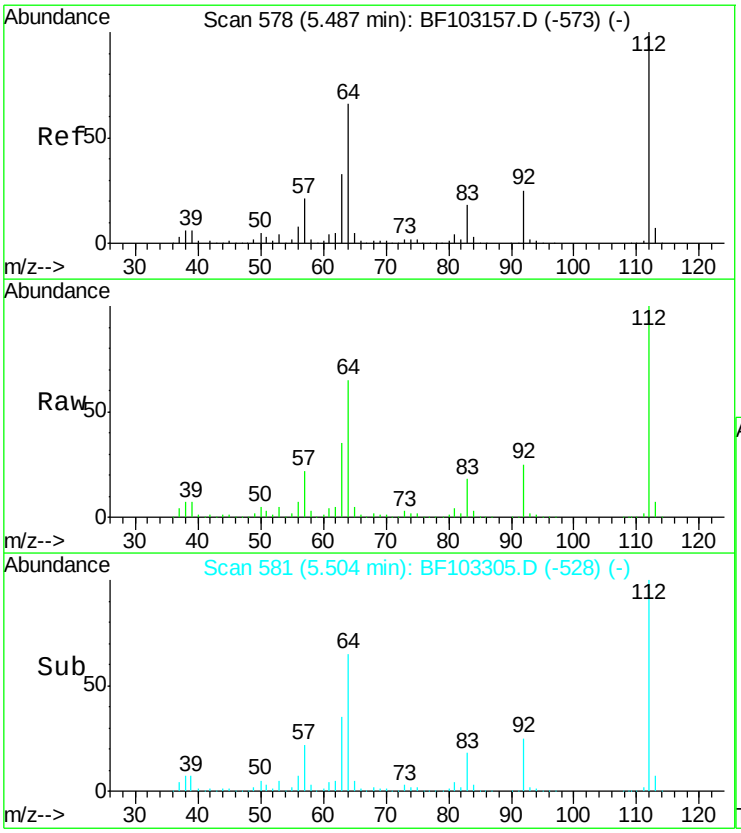
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Instrument :
BNA_F
ClientSampleId :
2014-TRANS-LAUREL

Tgt Ion:152 Resp: 153298

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	61.4	50.1	75.1

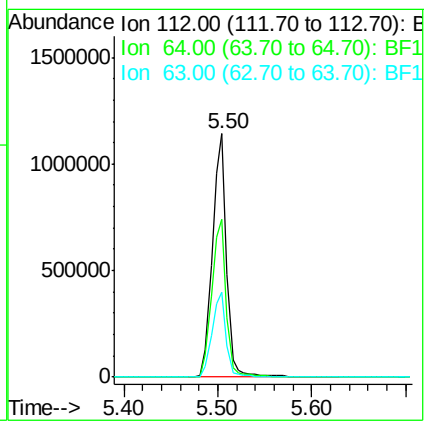


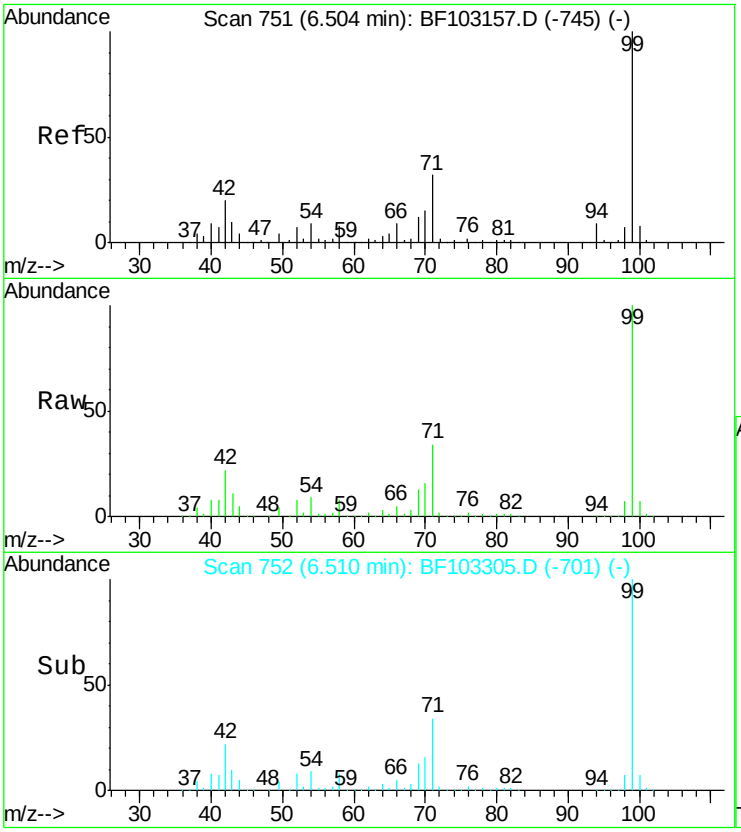


#5
2-Fluorophenol
Concen: 121.060 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Tgt Ion:112 Resp: 1227045

Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	34.7	23.7	35.5



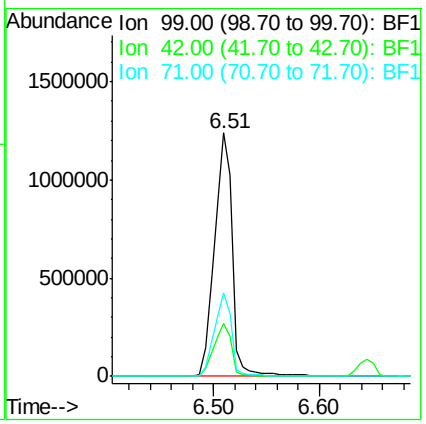


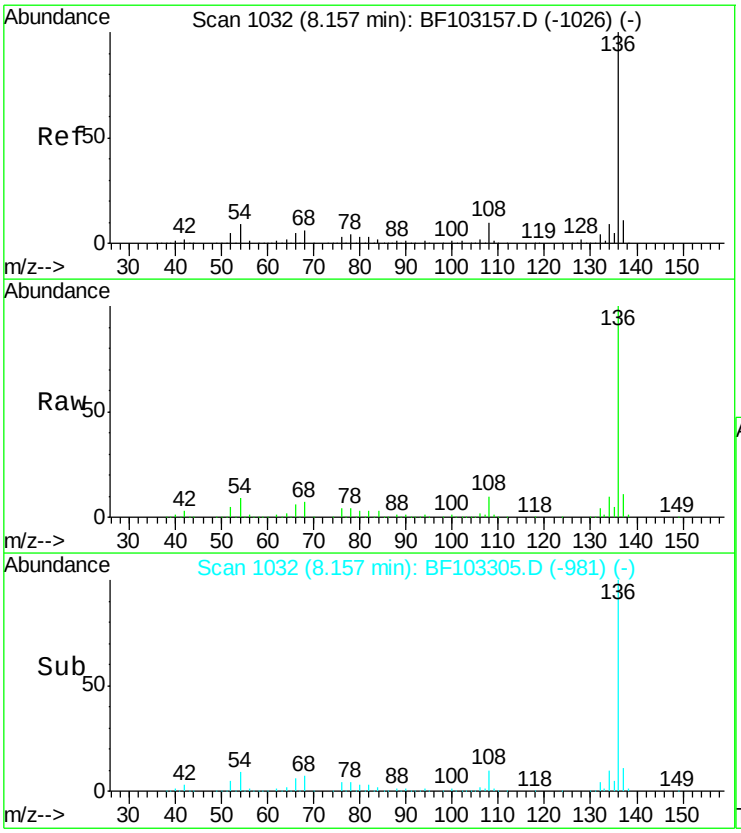
#7
Phenol-d6
Concen: 119.476 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Instrument :
BNA_F
ClientSampleId :
2014-TRANS-LAUREL

Tgt Ion: 99 Resp: 1481838

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.5	21.7
71	34.2	25.4	38.0

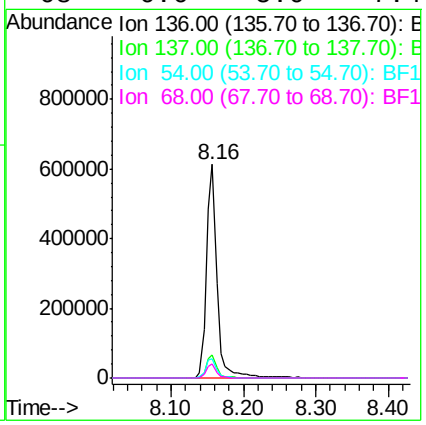


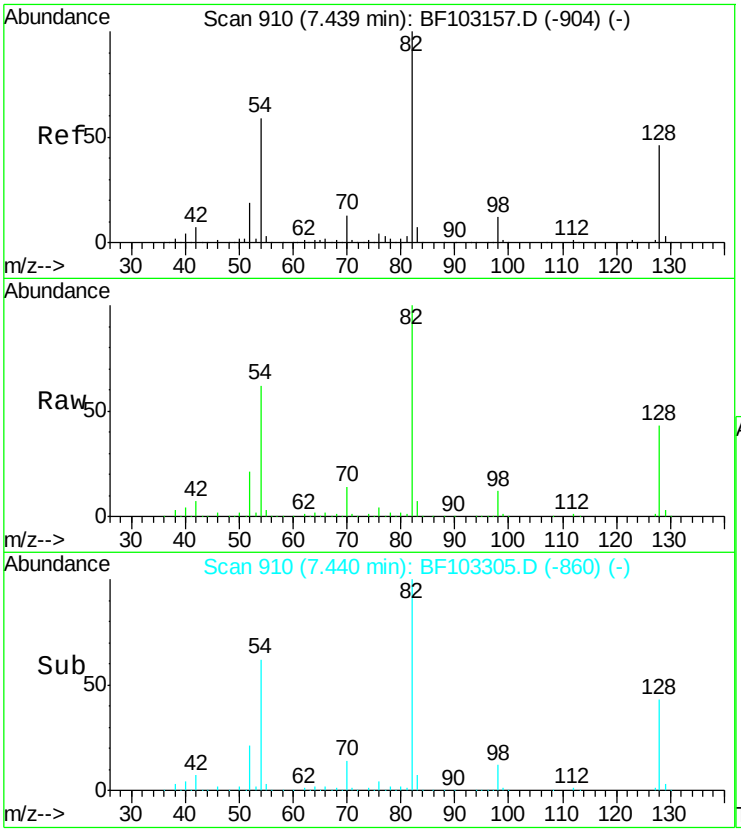


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Tgt Ion:136 Resp: 621772

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	6.6	5.0	7.4



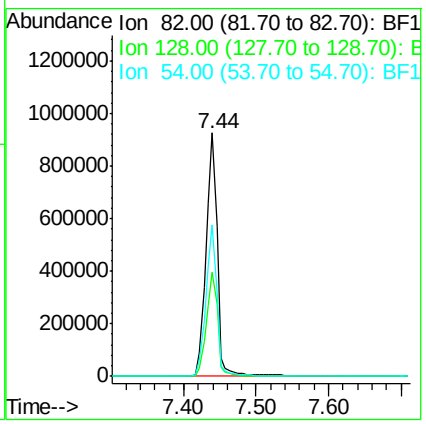


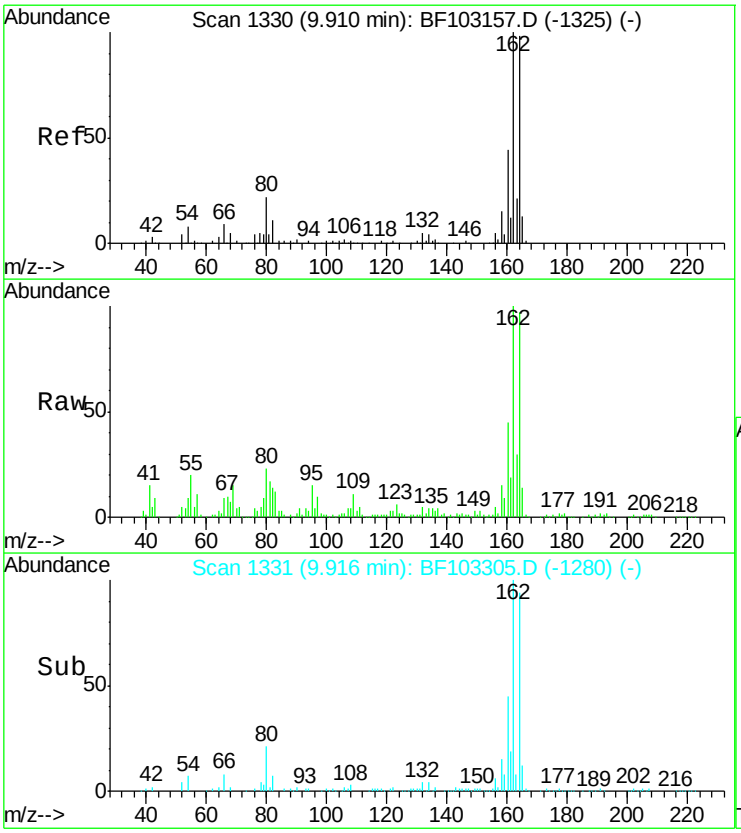
#23
Nitrobenzene-d5
Concen: 91.980 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Instrument :
BNA_F
ClientSampleId :
2014-TRANS-LAUREL

Tgt Ion: 82 Resp: 1001439

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	62.3	41.4	62.2#

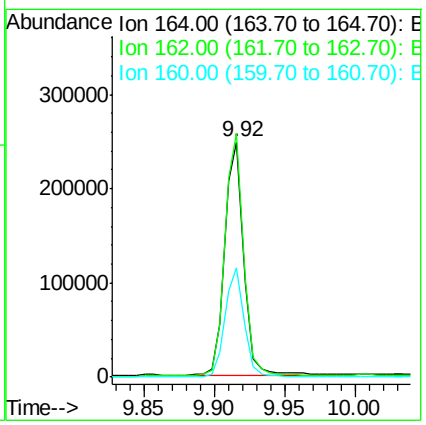


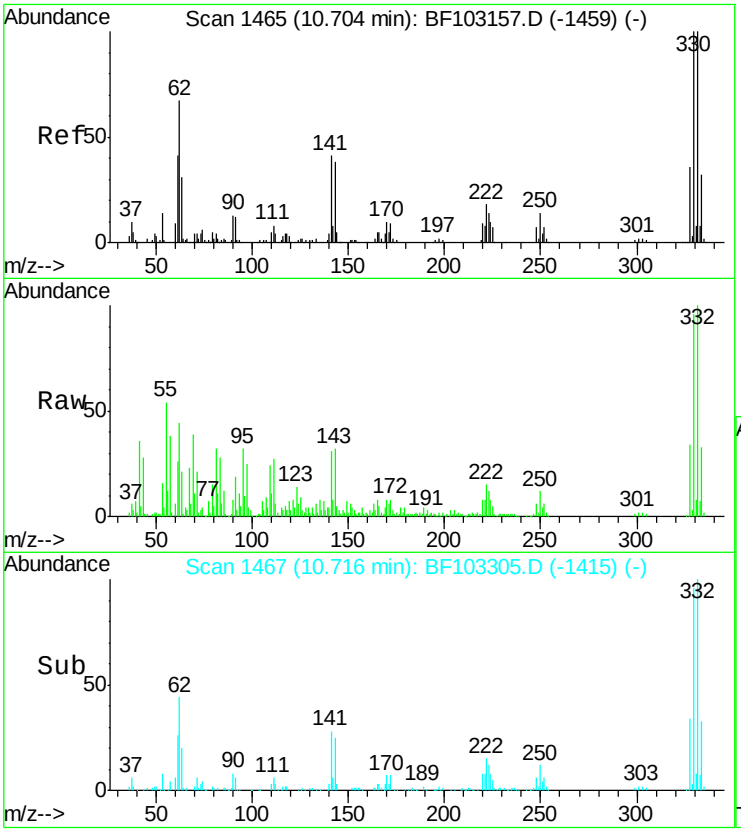


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Tgt Ion:164 Resp: 231985

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.3	38.3	57.5



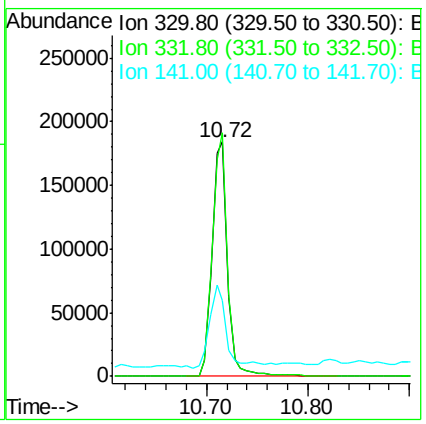


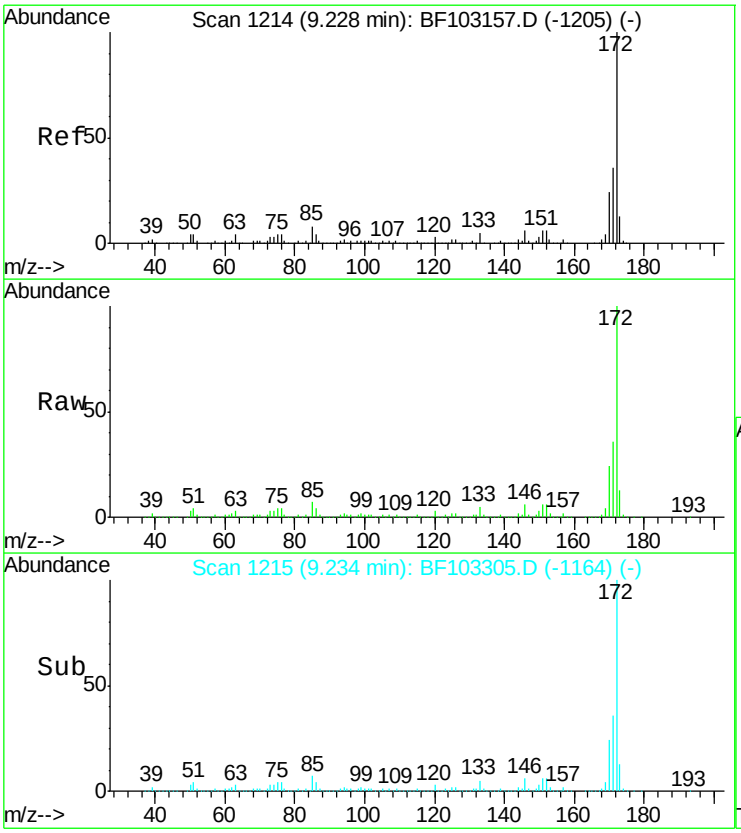
#41
2,4,6-Tribromophenol
Concen: 99.459 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Instrument :
BNA_F
ClientSampleId :
2014-TRANS-LAUREL

Tgt Ion:330 Resp: 195301

Ion	Ratio	Lower	Upper
330	100		
332	101.7	77.0	115.6
141	40.4	29.9	44.9

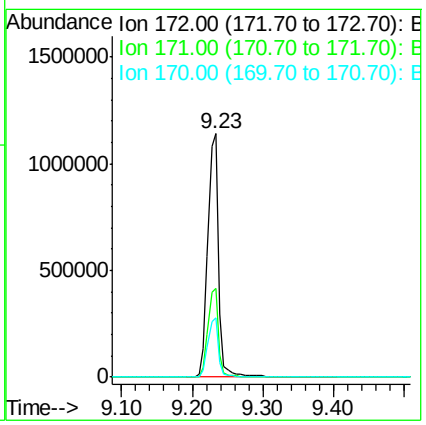


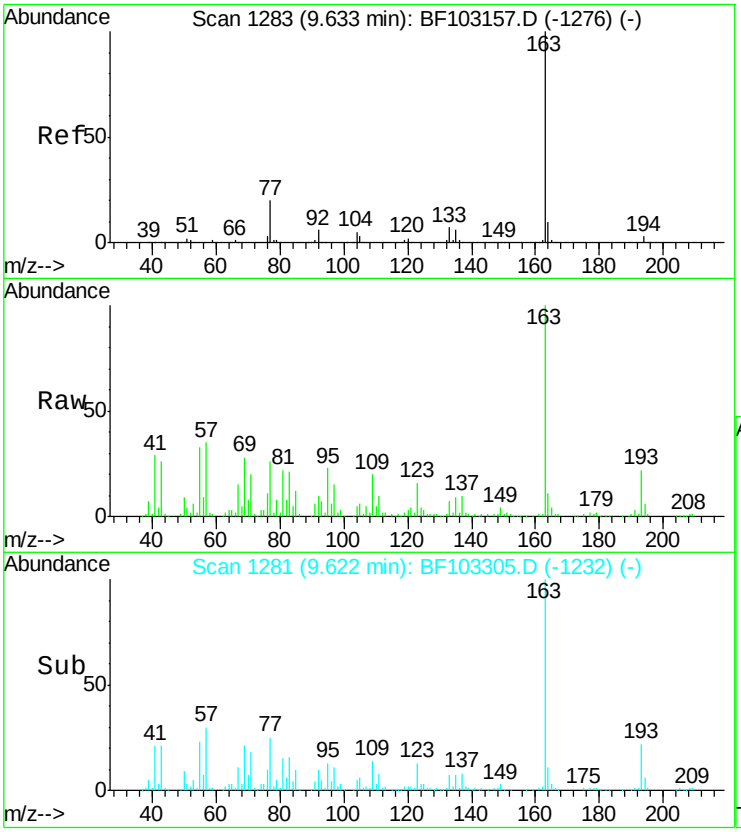


#44
2-Fluorobiphenyl
Concen: 92.001 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Tgt Ion:172 Resp: 1215246

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



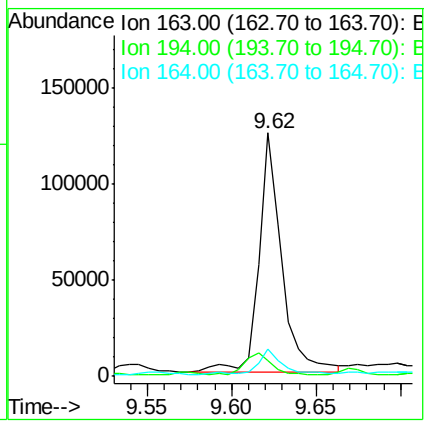


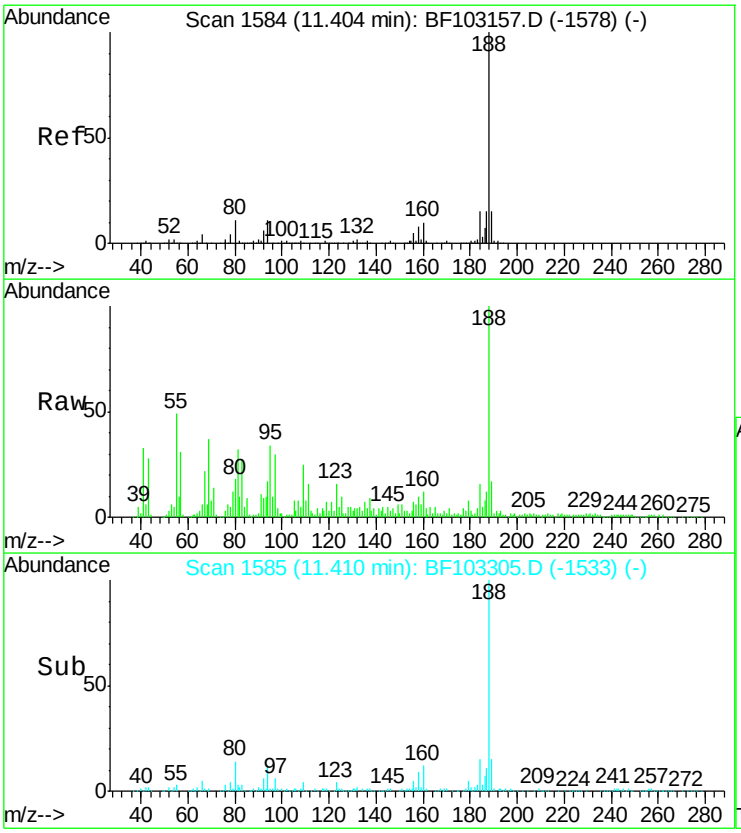
#49
Dimethylphthalate
Concen: 6.284 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Instrument :
BNA_F
ClientSampleId :
2014-TRANS-LAUREL

Tgt Ion:163 Resp: 116949

Ion	Ratio	Lower	Upper
163	100		
194	6.3	2.7	4.1#
164	11.1	8.2	12.2

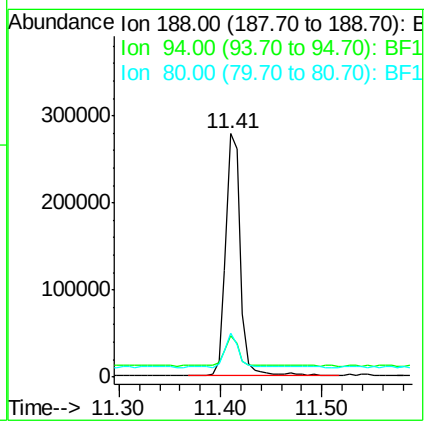


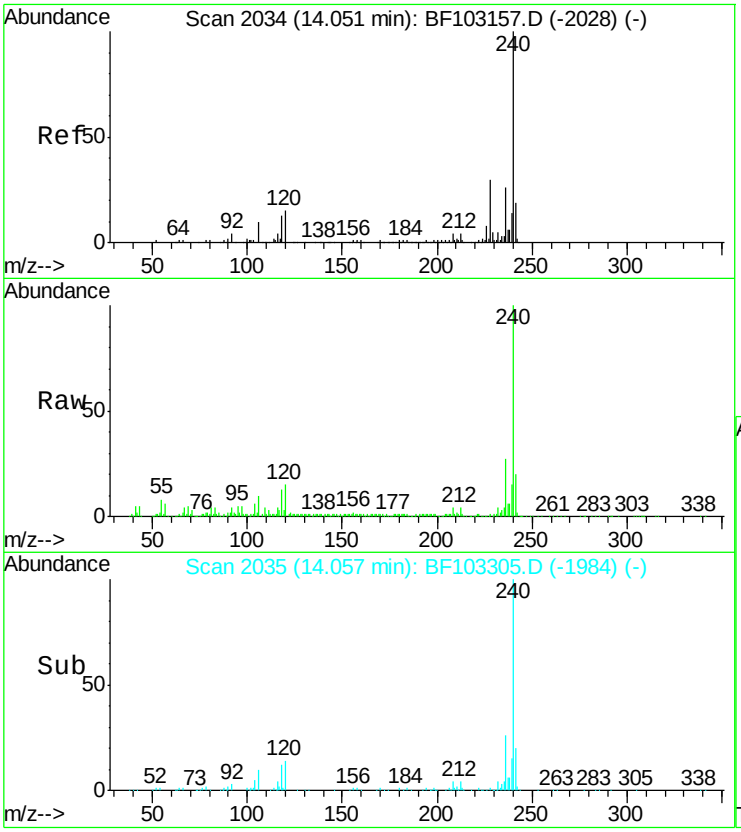


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Tgt Ion:188 Resp: 279379

Ion	Ratio	Lower	Upper
188	100		
94	16.9	8.5	12.7#
80	18.0	9.2	13.8#



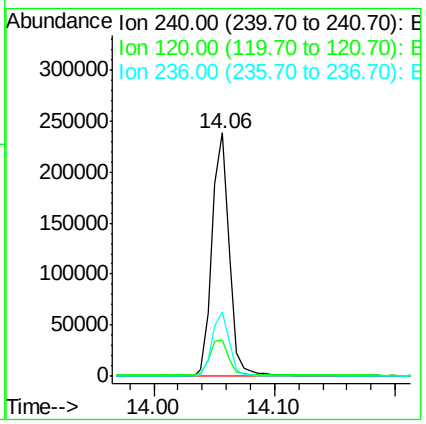


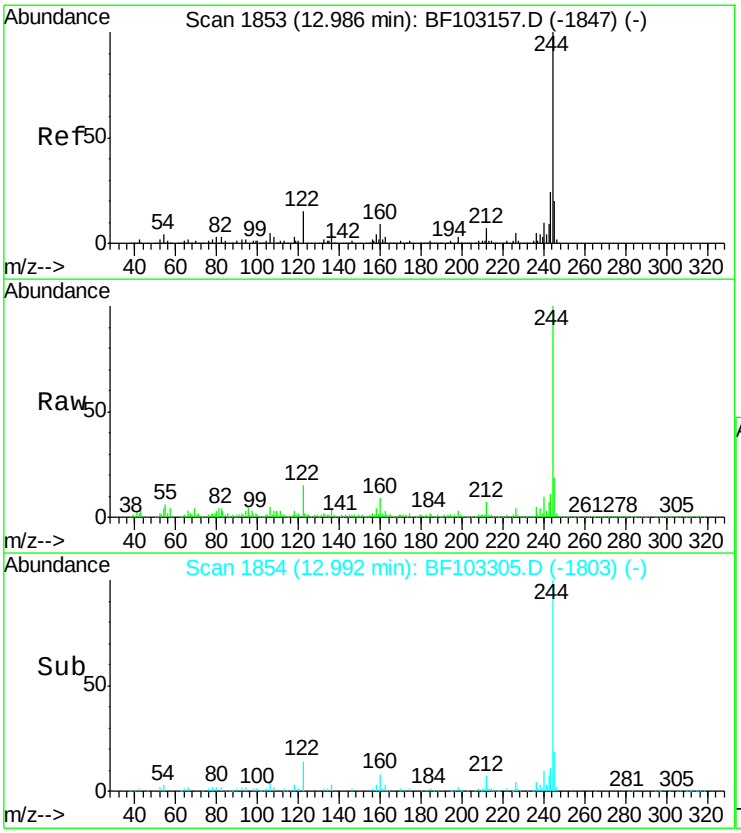
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Instrument :
BNA_F
ClientSampleId :
2014-TRANS-LAUREL

Tgt Ion:240 Resp: 233479

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	26.5	20.7	31.1

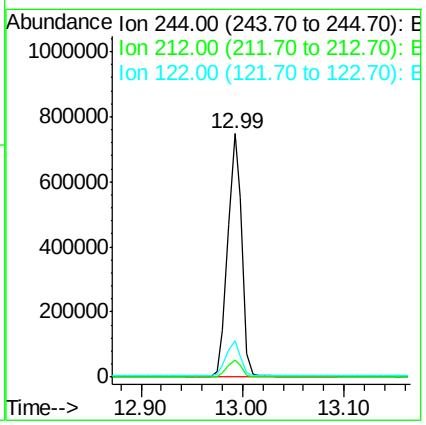


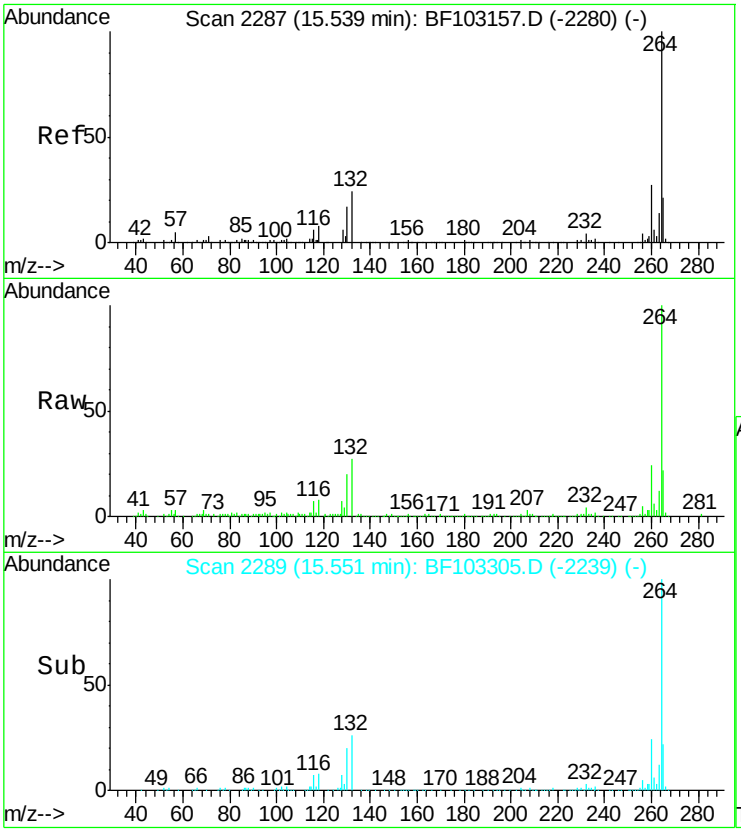


#78
Terphenyl-d14
Concen: 74.402 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Tgt Ion:244 Resp: 722639

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF103305.D
Acq: 28 Feb 2018 20:44

Instrument :
BNA_F
ClientSampleId :
2014-TRANS-LAUREL

Tgt Ion:264 Resp: 241016

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3