Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111988.D
Acq On : 10 Jan 2019 15:39
Operator : JU/SJ
Sample : K1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010918-C

Quant Time: Jan 11 01:14:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	113788	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	428570	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	187417	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	298158	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	258699	20.00	ng	-0.02
87) Perylene-d12	15.52	264	250997	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	502754	75.59	ng	-0.02
7) Phenol-d6	6.51	99	642714	74.97	ng	-0.02
23) Nitrobenzene-d5	7.43	82	404728	50.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	159738	65.53	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	611469	47.58	ng	-0.02
79) Terphenyl-d14	12.98	244	468000	34.34	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.62	163	107314	7.622	ng	99

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

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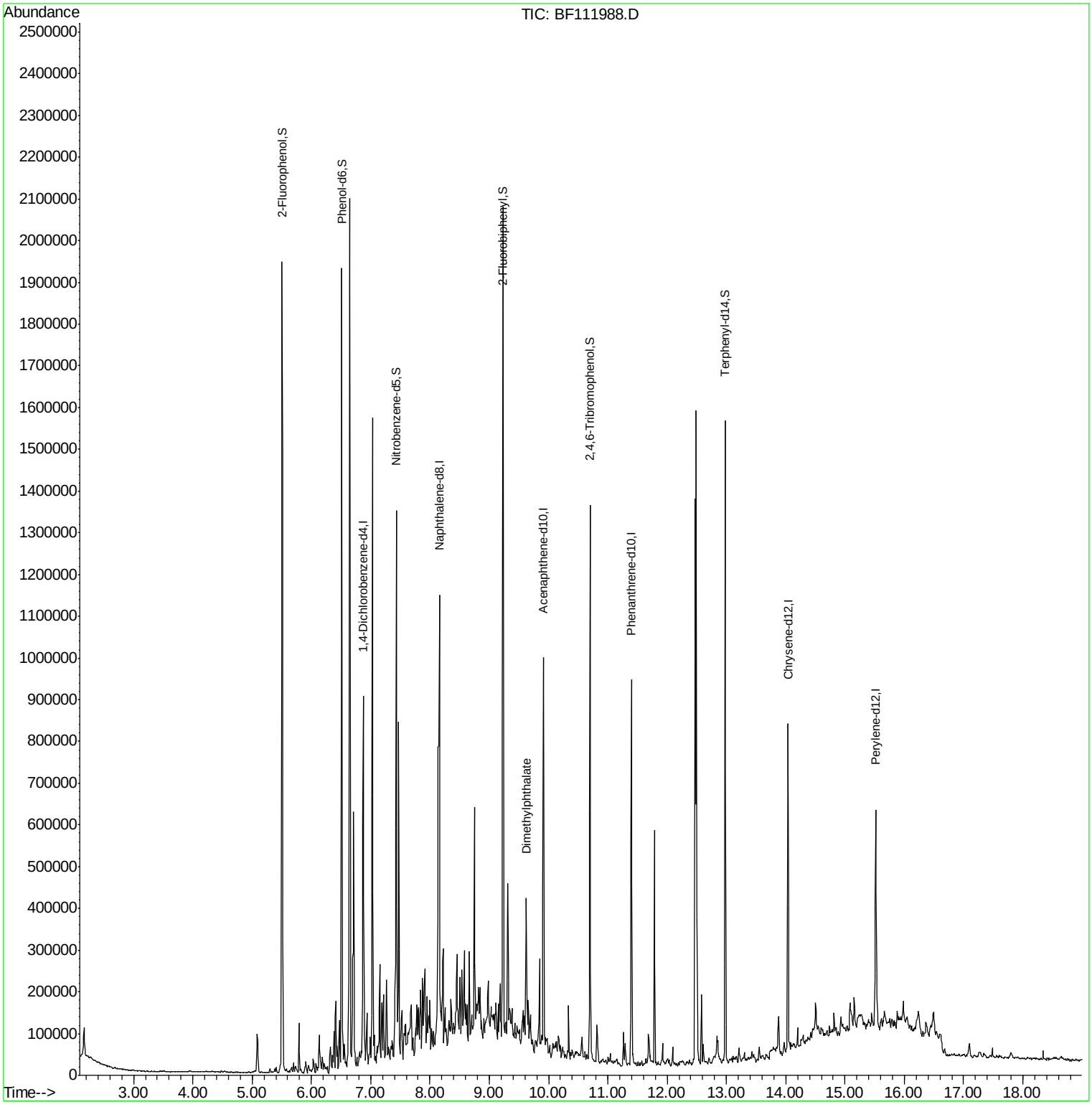
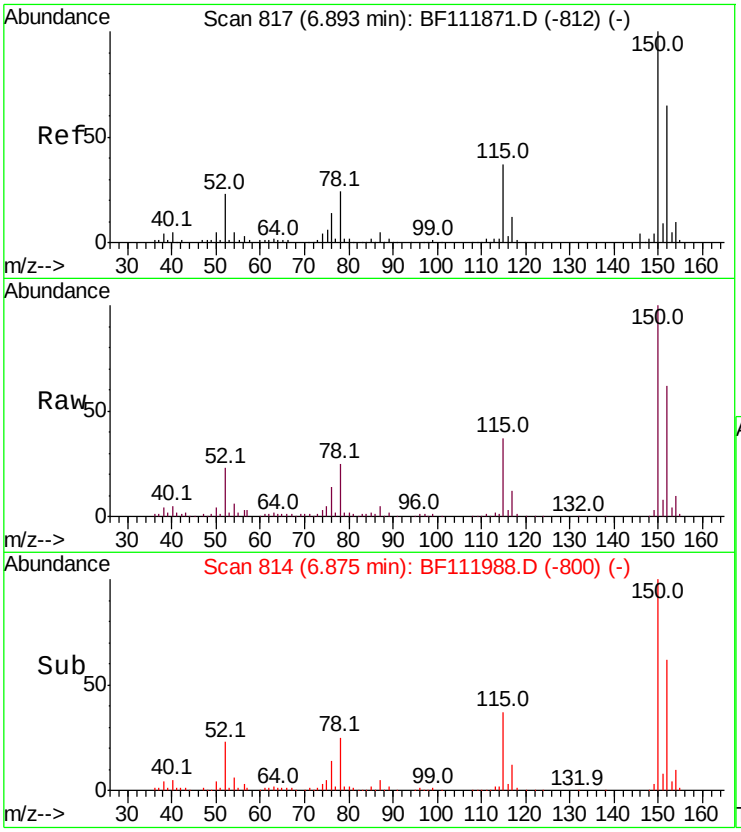


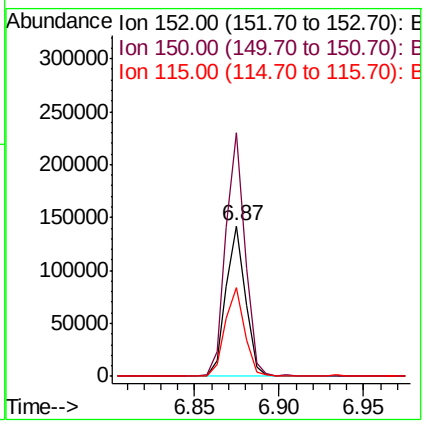


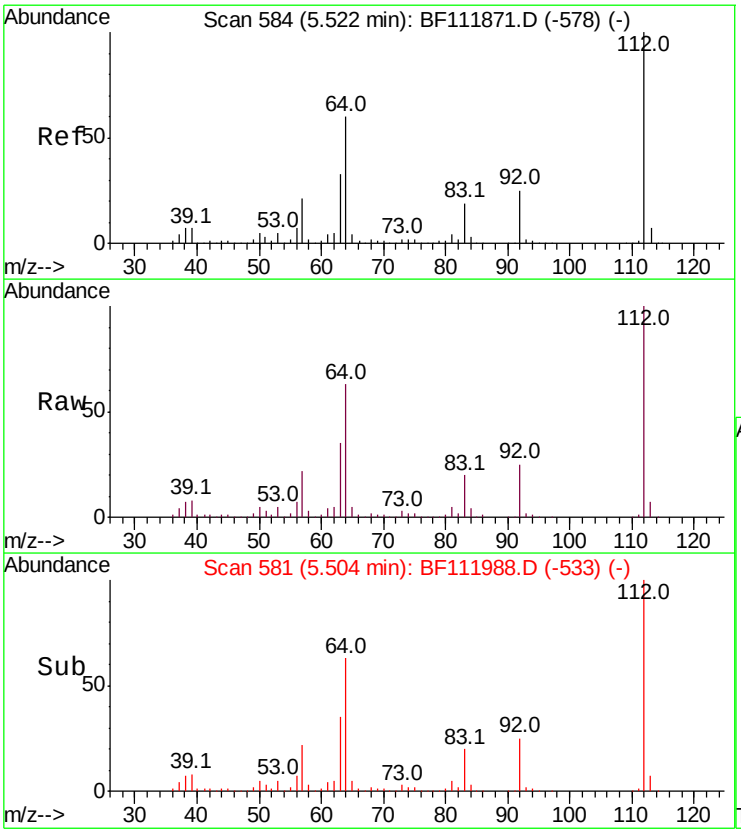
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
HR-06-010918-C

Tgt Ion:152 Resp: 113788

Ion	Ratio	Lower	Upper
152	100		
150	161.9	122.7	184.1
115	59.4	45.2	67.8

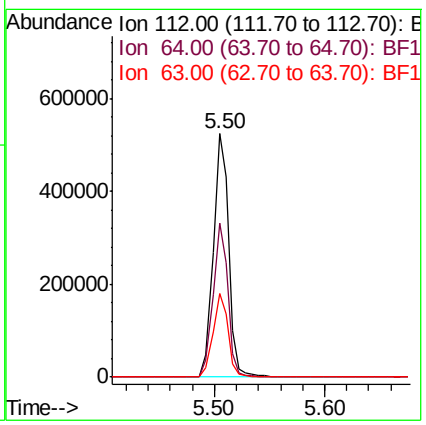


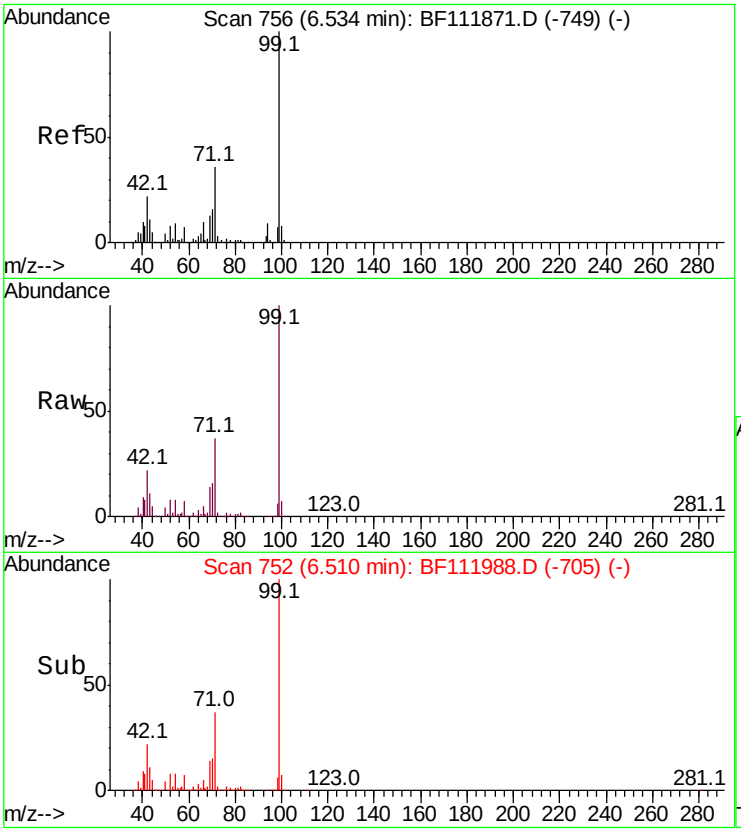


#5
2-Fluorophenol
Concen: 75.590 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Tgt Ion:112 Resp: 502754

Ion	Ratio	Lower	Upper
112	100		
64	63.4	48.3	72.5
63	34.5	26.1	39.1



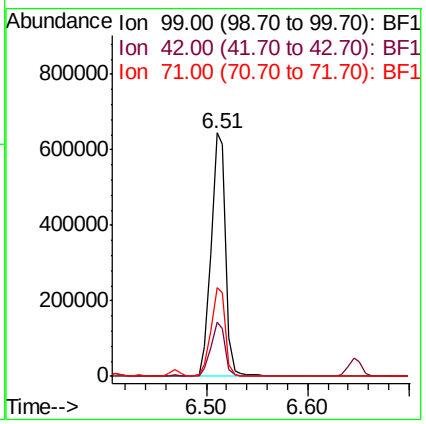


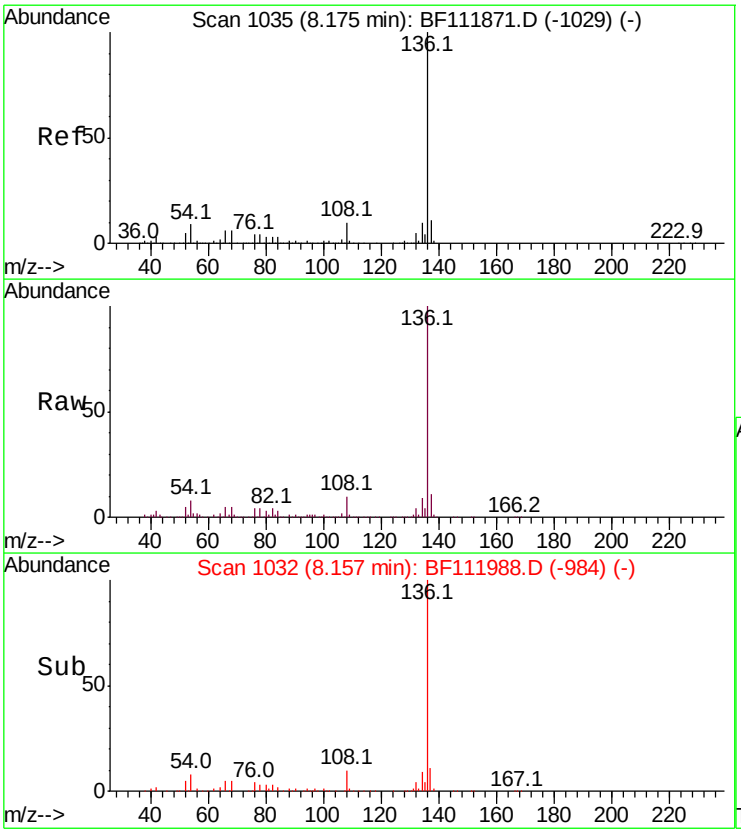
#7
Phenol-d6
Concen: 74.974 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
HR-06-010918-C

Tgt Ion: 99 Resp: 642714

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.9	26.9
71	36.7	28.7	43.1

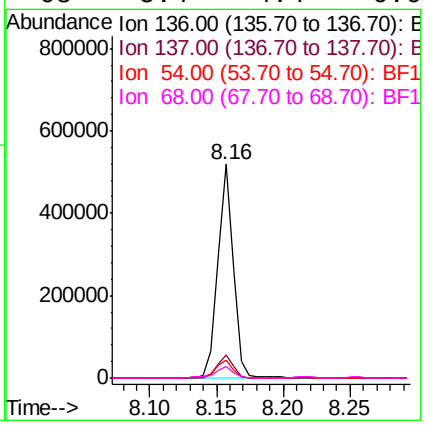


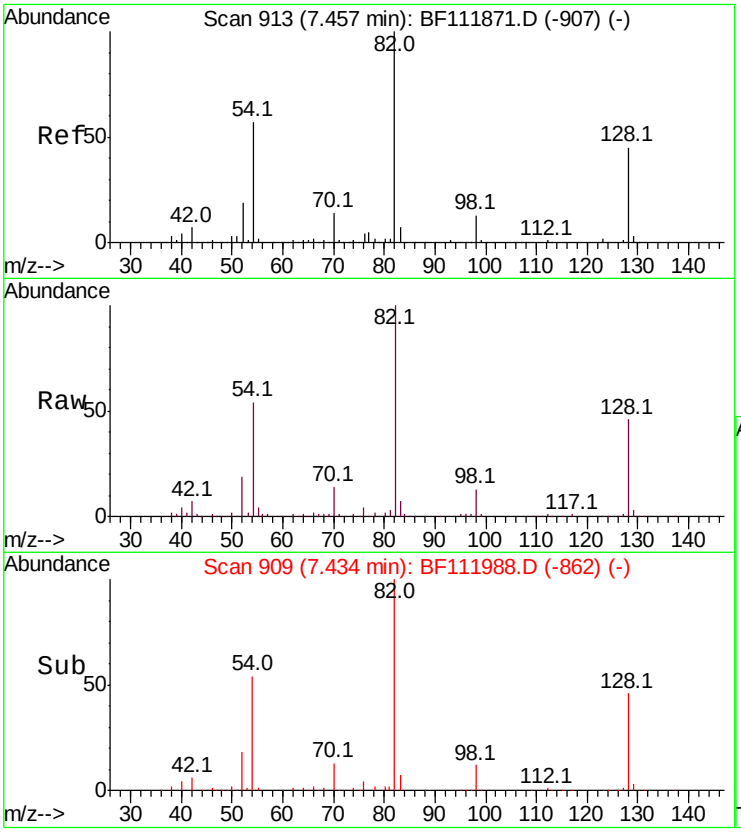


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Tgt Ion:136 Resp: 428570

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.3	7.2	10.8
68	5.4	4.4	6.6



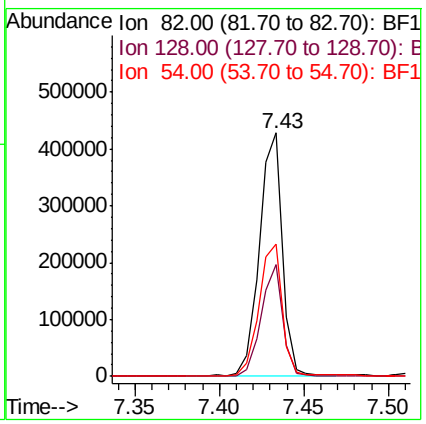


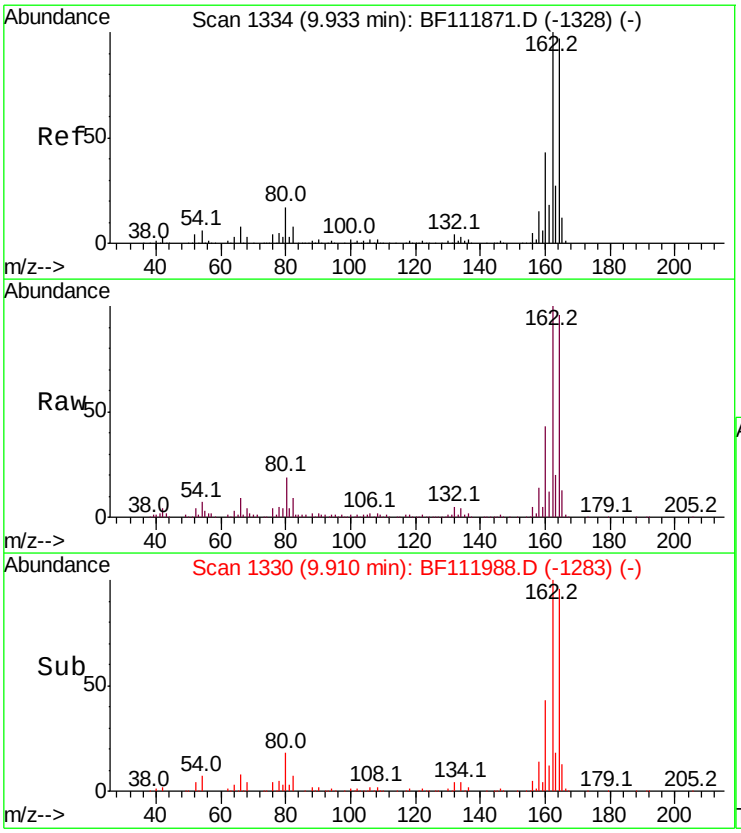
#23
Nitrobenzene-d5
Concen: 50.472 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
HR-06-010918-C

Tgt Ion: 82 Resp: 404728

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.7	53.5
54	54.5	45.8	68.8

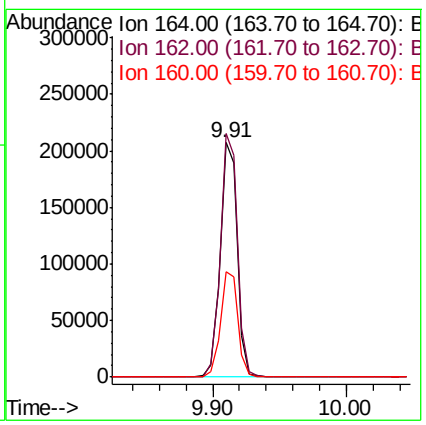


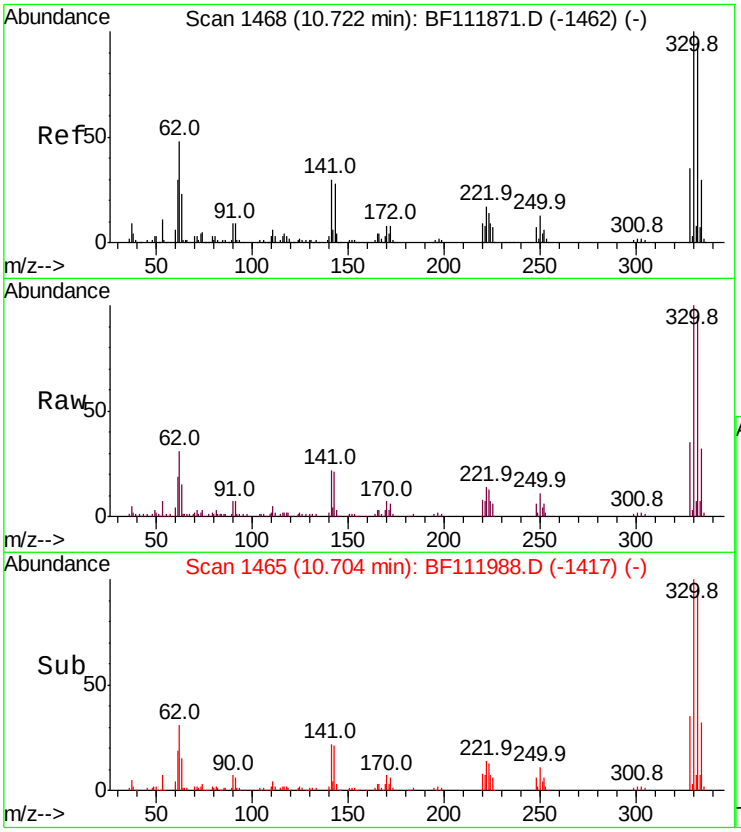


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Tgt Ion:164 Resp: 187417

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.2	123.2
160	44.7	35.5	53.3



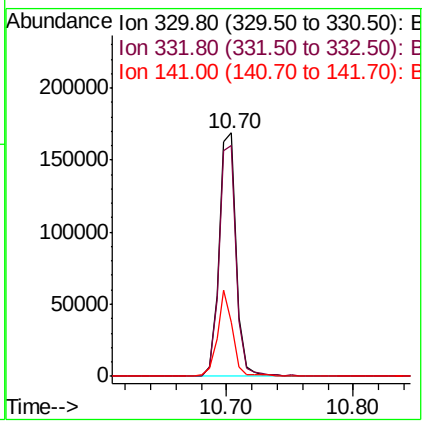


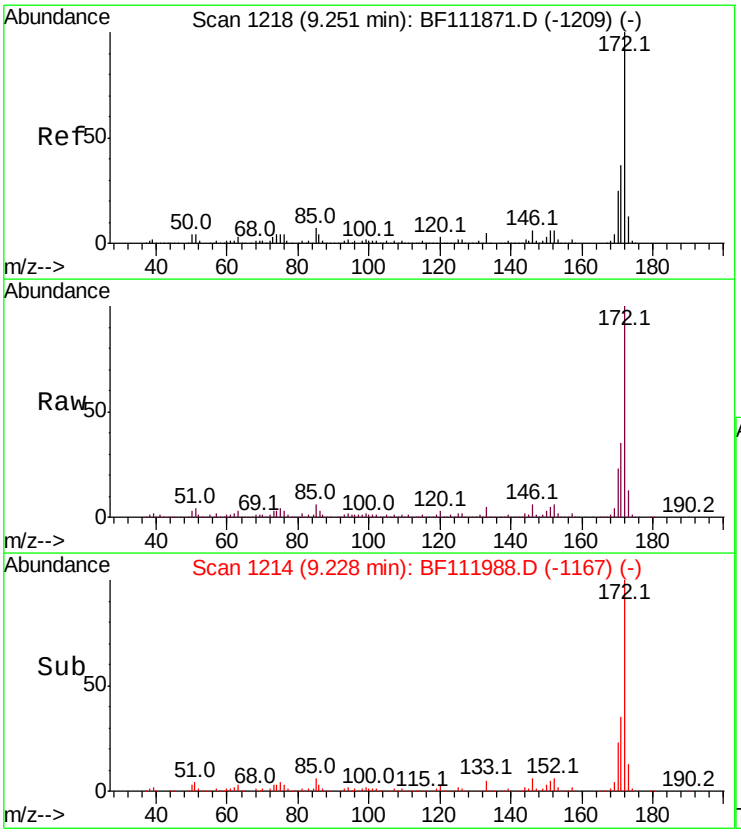
#42
2,4,6-Tribromophenol
Concen: 65.527 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
HR-06-010918-C

Tgt Ion:330 Resp: 159738

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	31.7	23.7	35.5

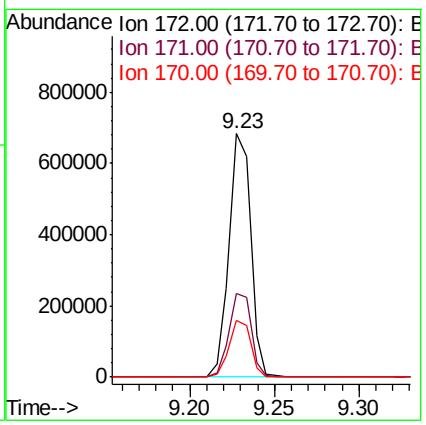


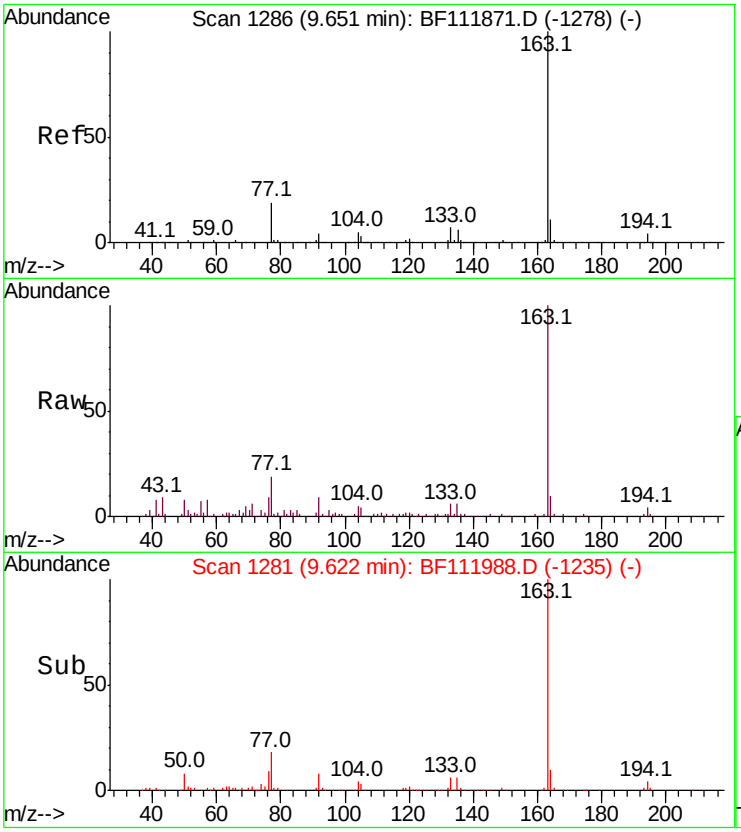


#45
2-Fluorobiphenyl
Concen: 47.575 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Tgt Ion:172 Resp: 611469

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.3	19.8	29.8



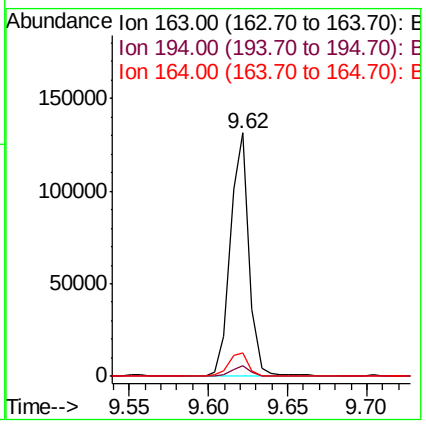


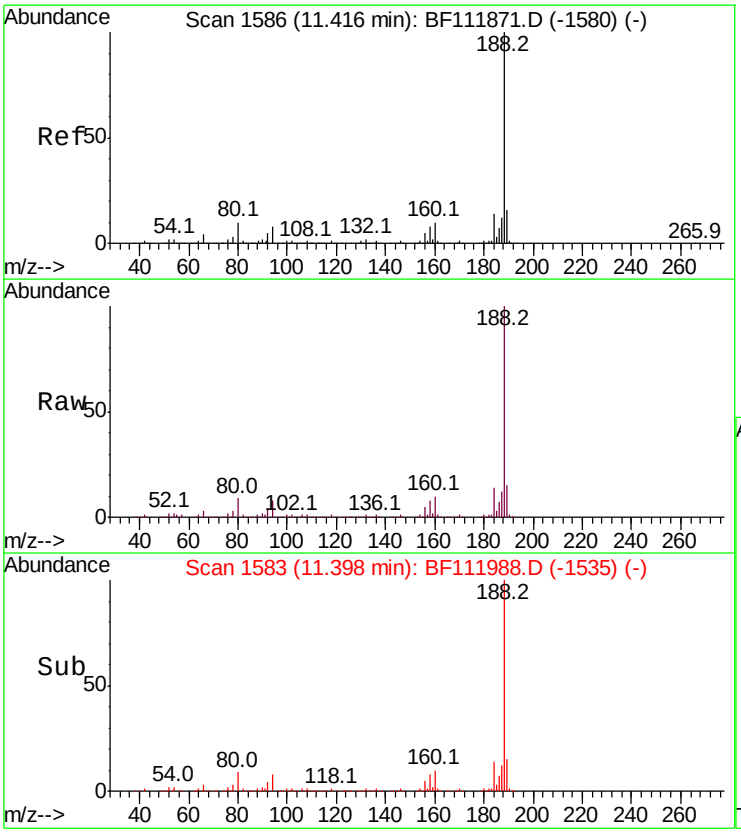
#50
Dimethylphthalate
Concen: 7.622 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
HR-06-010918-C

Tgt Ion:163 Resp: 107314

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.9	8.5	12.7

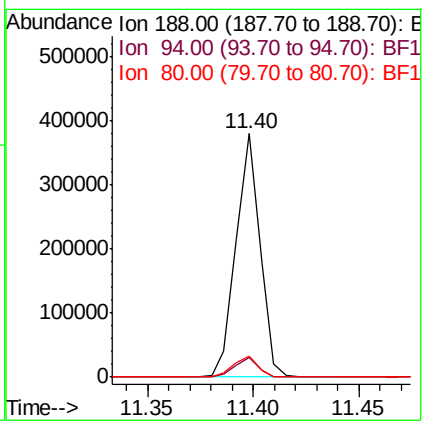


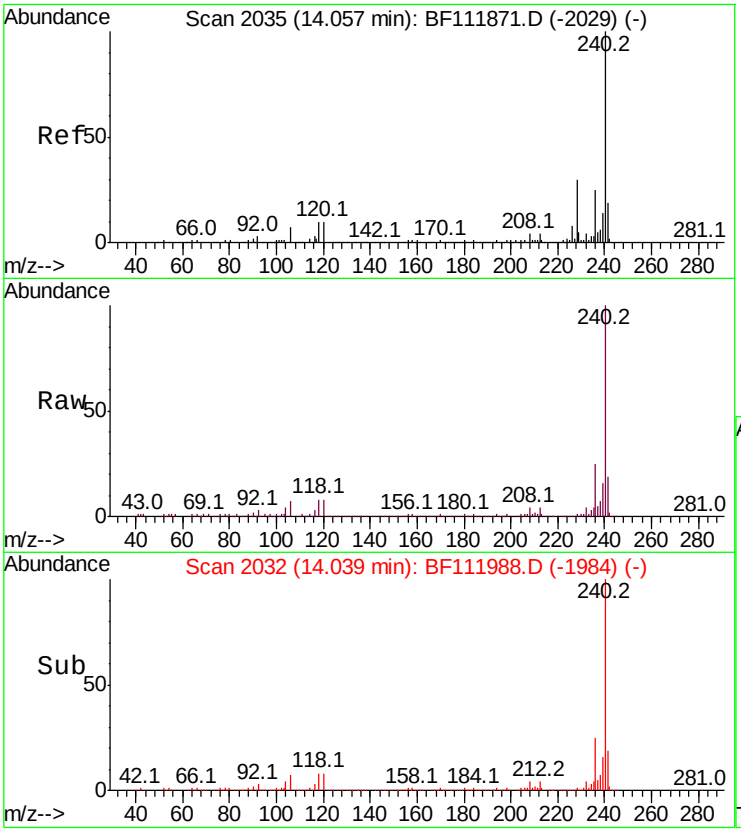


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Tgt Ion:188 Resp: 298158

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.8	7.7	11.5



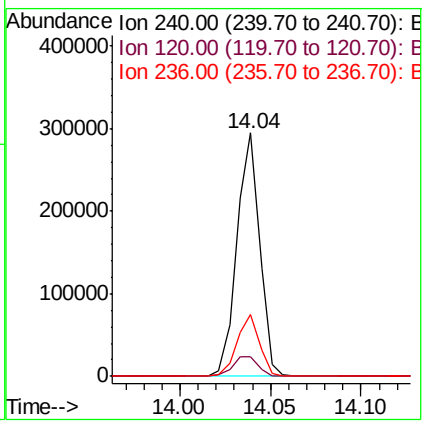


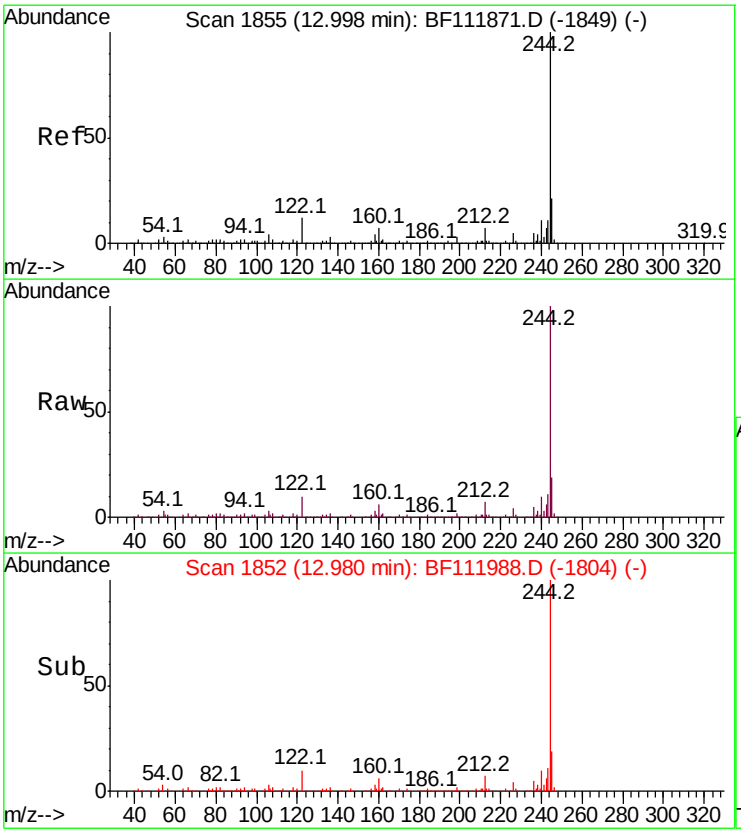
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
HR-06-010918-C

Tgt Ion:240 Resp: 258699

Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2
236	25.5	20.2	30.4

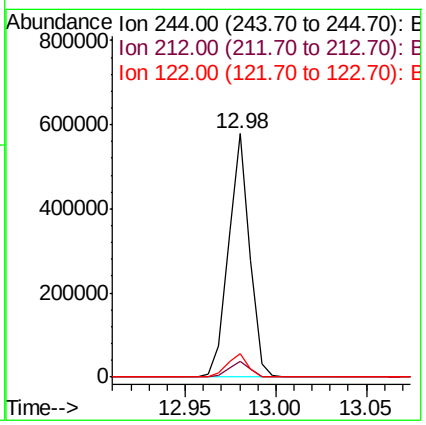


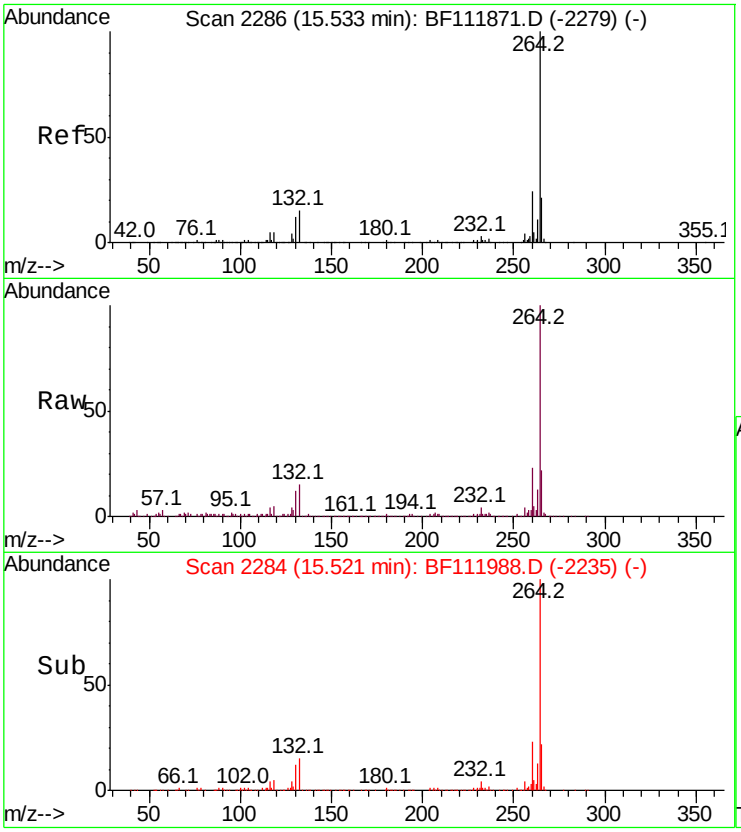


#79
Terphenyl-d14
Concen: 34.340 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Tgt Ion:244 Resp: 468000

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.6	9.5	14.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF111988.D
Acq: 10 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
HR-06-010918-C

Tgt Ion:264 Resp: 250997

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	17.1	25.7