Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0405

Quant Time: Jan 09 00:51:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 09:08:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39102	20.00	ng	-0.01
21) Naphthalene-d8	11.04	136	171632	20.00	ng	0.00
38) Acenaphthene-d10	15.18	164	98421	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	161018	20.00	ng	0.00
75) Chrysene-d12	21.39	240	151385	20.00	ng	-0.01
86) Perylene-d12	23.08	264	135504	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	126338	54.78	ng	-0.01
7) Phenol-d6	7.51	99	99211	35.22	ng	-0.01
23) Nitrobenzene-d5	9.43	82	229092	79.38	ng	0.00
41) 2,4,6-Tribromophenol	16.81	330	95674	115.02	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	474611	75.04	ng	-0.01
78) Terphenyl-d14	20.12	244	504178	73.46	ng	0.00
Target Compounds						Qvalue

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

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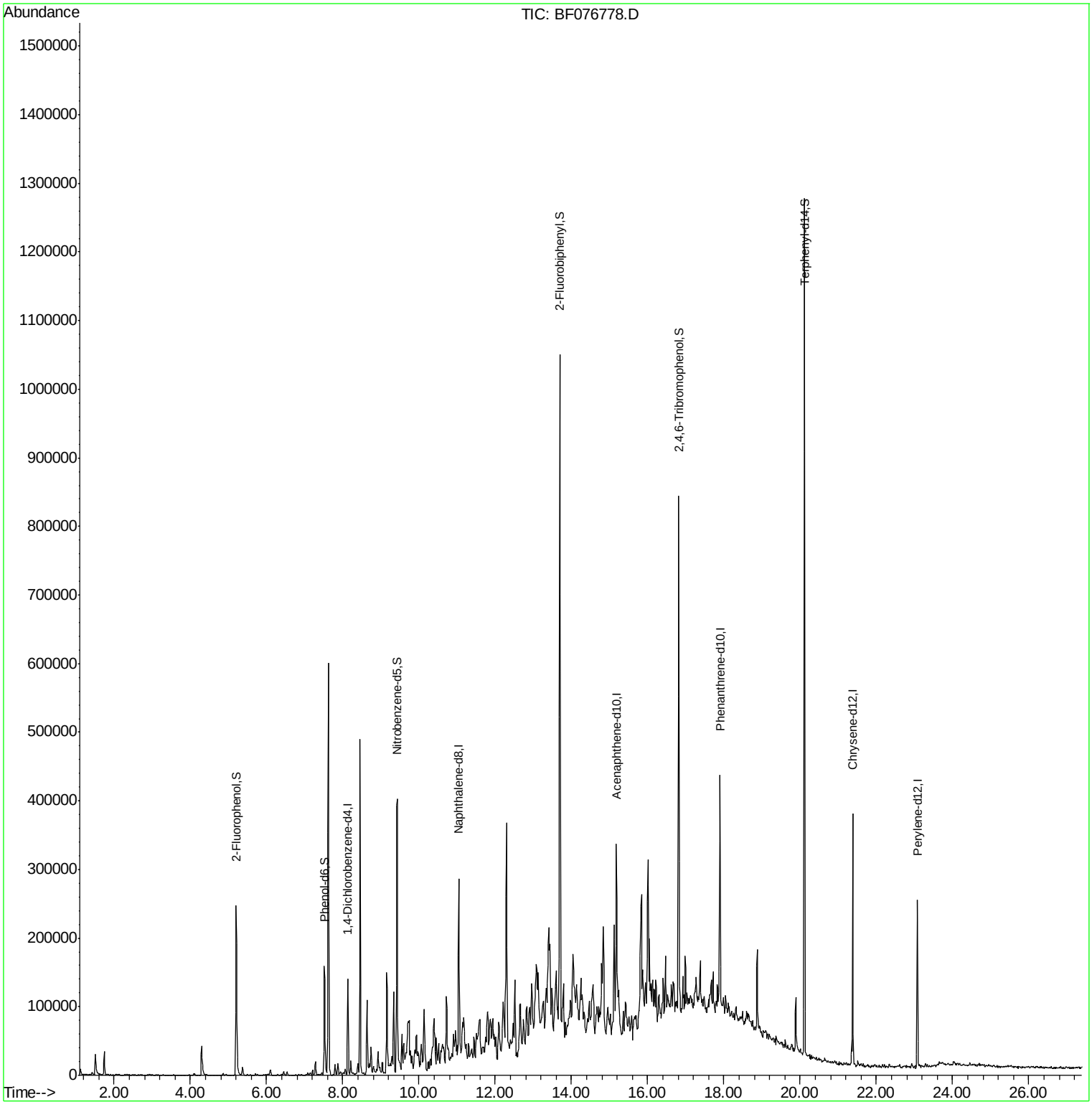
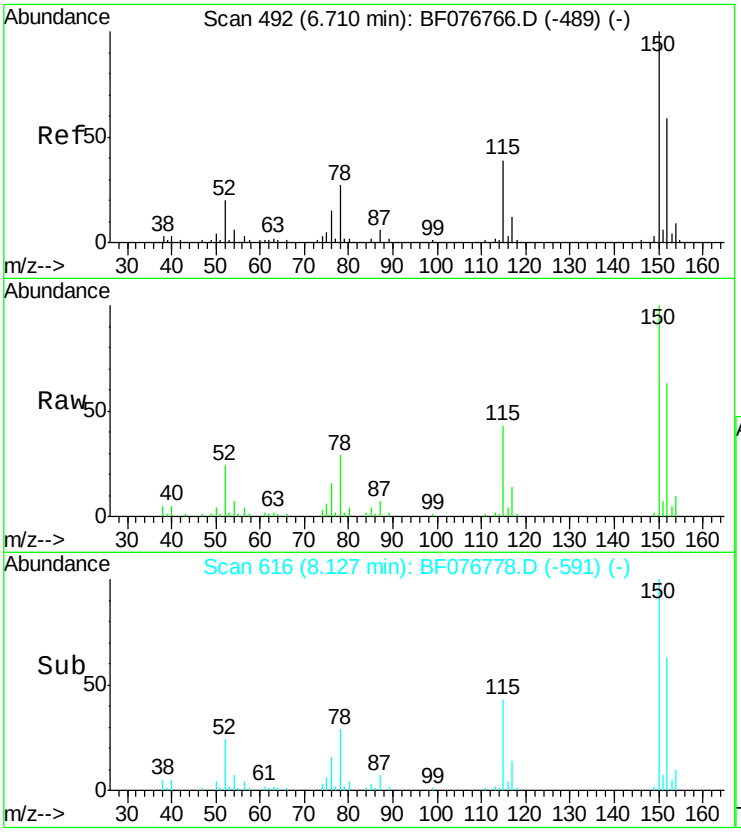


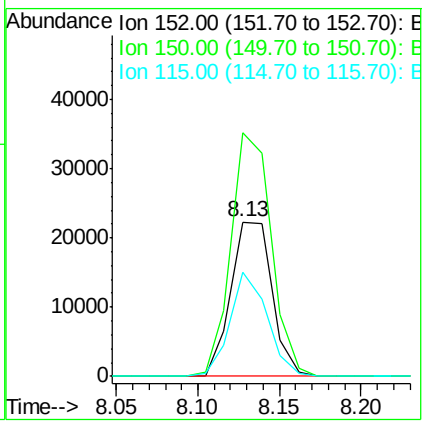


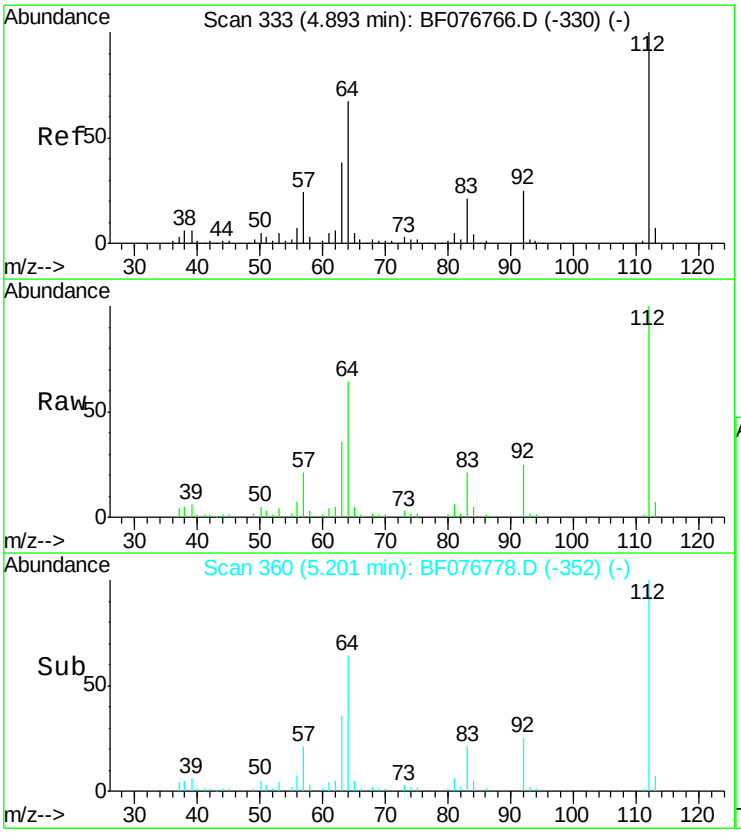
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF076778.D
Acq: 8 Jan 2015 16:22

Instrument :
BNA_F
ClientSampleId :
S8-0405

Tgt Ion:152 Resp: 39102

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.2	187.8
115	67.4	51.4	77.0

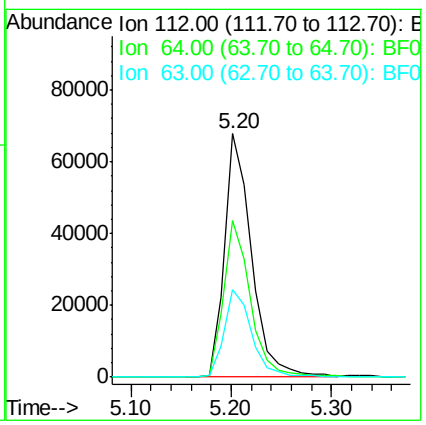


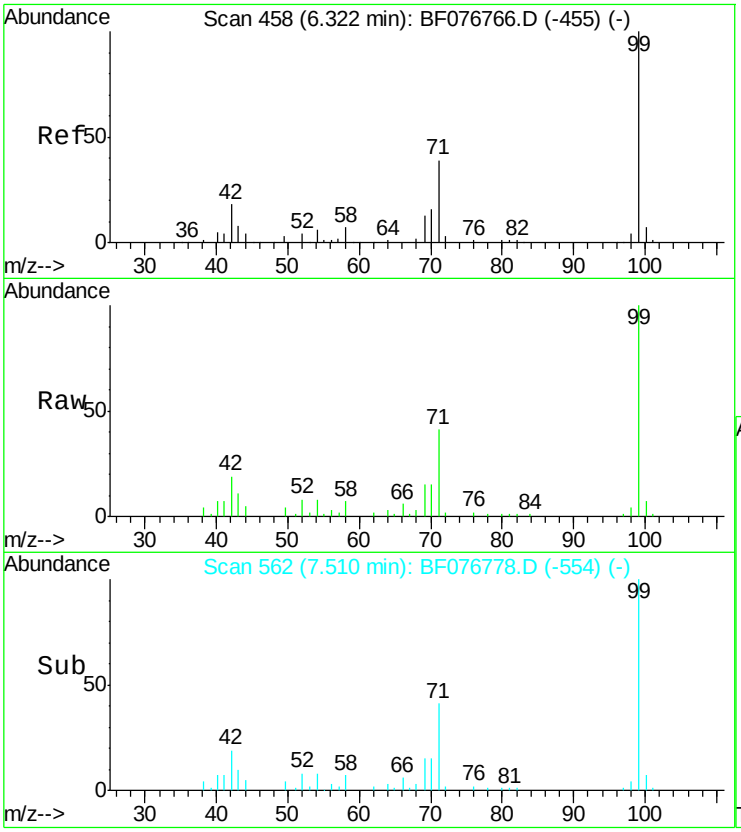


#5
2-Fluorophenol
Concen: 54.78 ng
RT: 5.20 min Scan# 360
Delta R.T. -0.01 min
Lab File: BF076778.D
Acq: 8 Jan 2015 16:22

Tgt Ion:112 Resp: 126338

Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.4	71.0
63	35.7	25.0	37.4



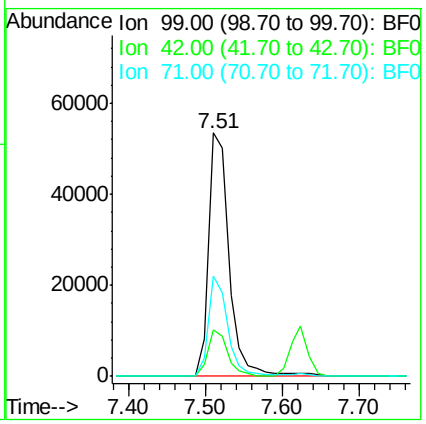


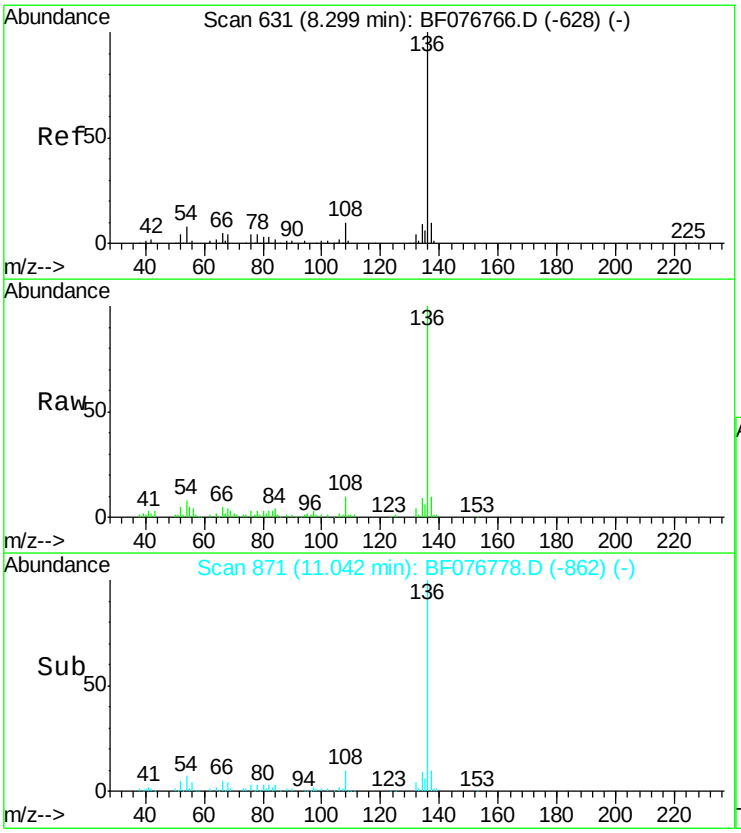
#7
Phenol-d6
Concen: 35.22 ng
RT: 7.51 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF076778.D
Acq: 8 Jan 2015 16:22

Instrument :
BNA_F
ClientSampleId :
S8-0405

Tgt Ion: 99 Resp: 99211

Ion	Ratio	Lower	Upper
99	100		
42	19.2	11.6	17.4#
71	41.0	25.9	38.9#

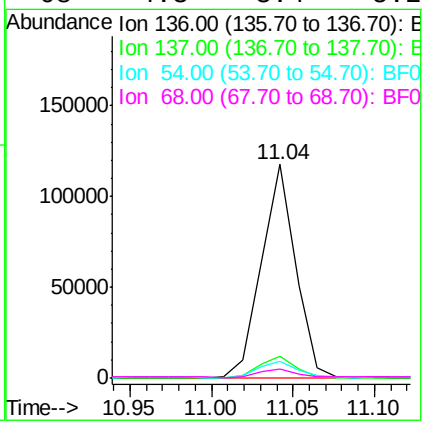


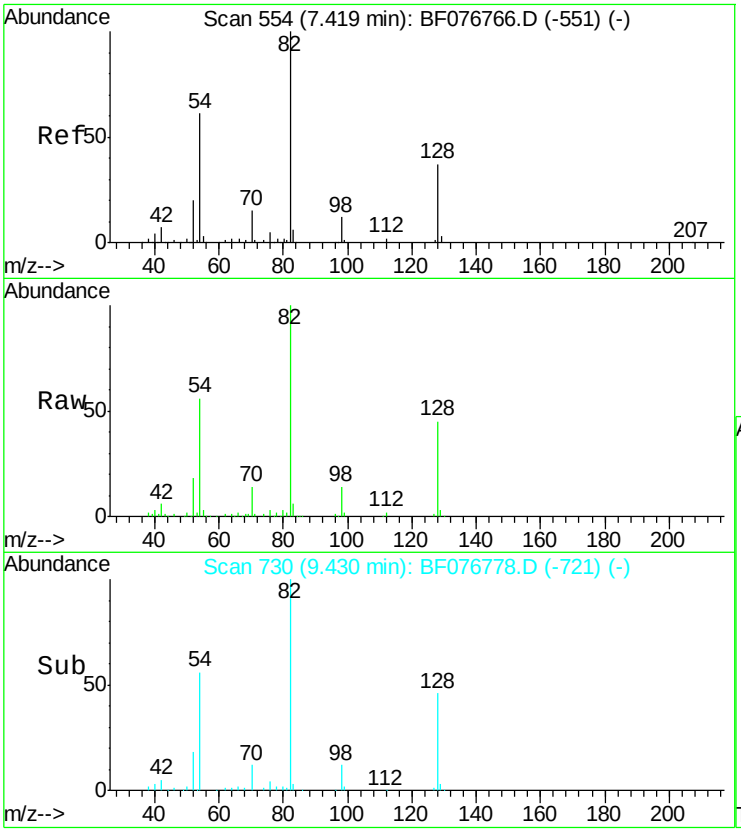


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF076778.D
Acq: 8 Jan 2015 16:22

Tgt Ion:136 Resp: 171632

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.4	12.6
54	7.6	7.8	11.6#
68	4.3	3.4	5.2



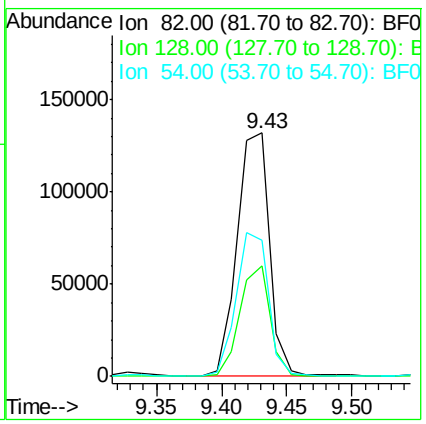


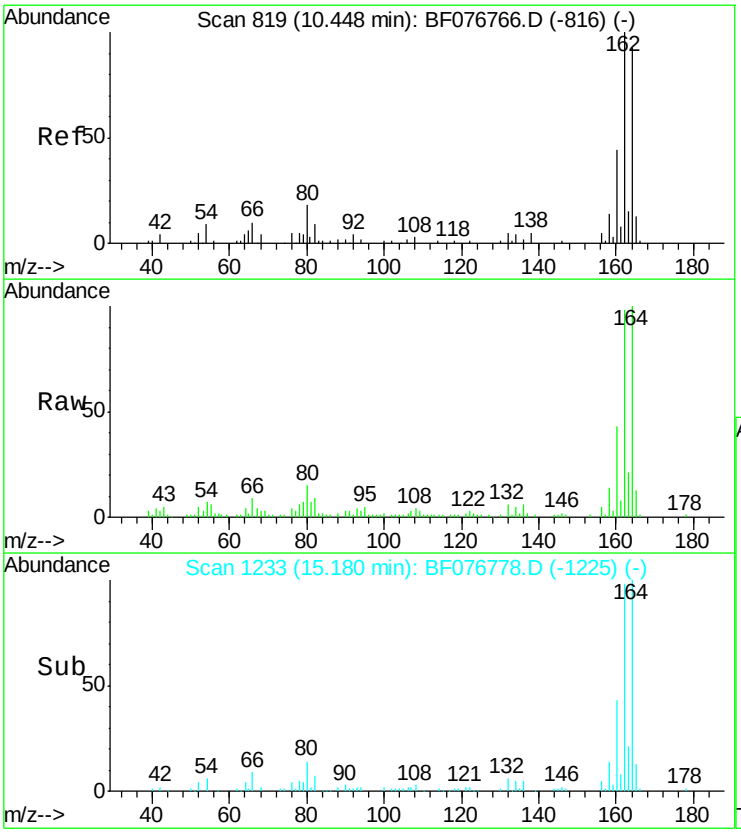
#23
Nitrobenzene-d5
Concen: 79.38 ng
RT: 9.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF076778.D
Acq: 8 Jan 2015 16:22

Instrument :
BNA_F
ClientSampleId :
S8-0405

Tgt Ion: 82 Resp: 229092

Ion	Ratio	Lower	Upper
82	100		
128	45.3	31.9	47.9
54	55.7	47.2	70.8

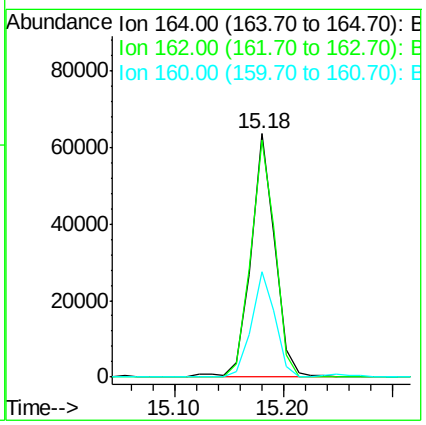


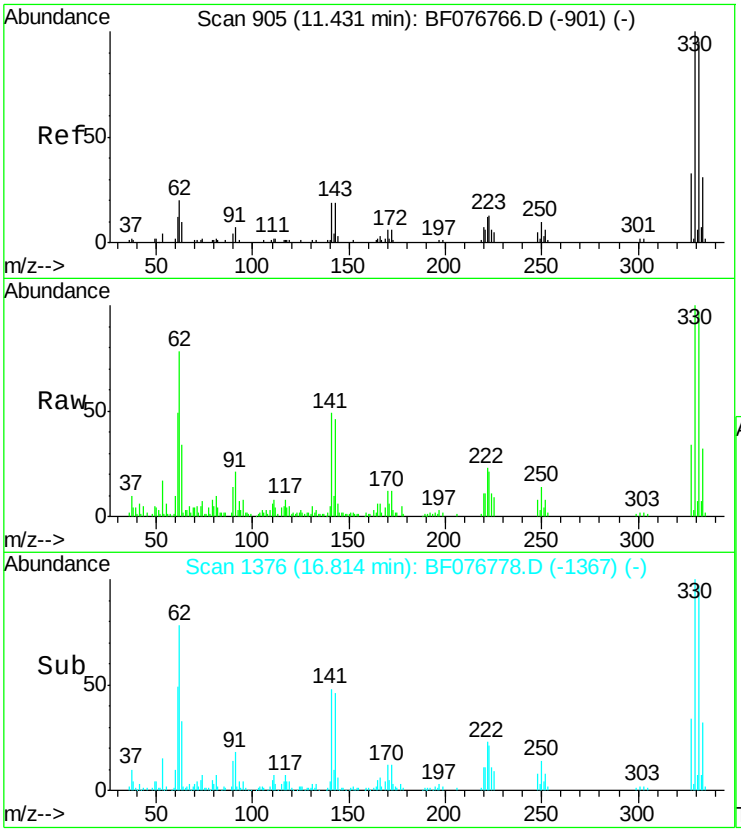


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.18 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF076778.D
Acq: 8 Jan 2015 16:22

Tgt Ion:164 Resp: 98421

Ion	Ratio	Lower	Upper
164	100		
162	97.6	84.2	126.2
160	43.3	35.5	53.3



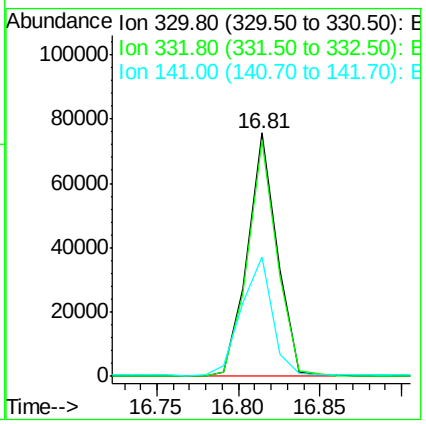


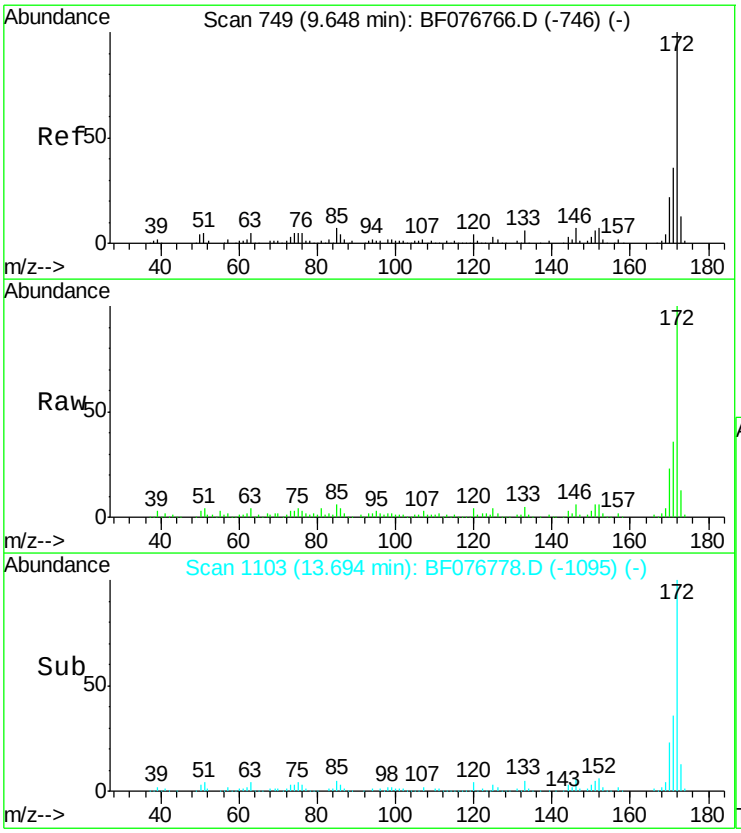
#41
2,4,6-Tribromophenol
Concen: 115.02 ng
RT: 16.81 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF076778.D
Acq: 8 Jan 2015 16:22

Instrument :
BNA_F
ClientSampleId :
S8-0405

Tgt Ion:330 Resp: 95674

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	51.3	0.0	0.0#

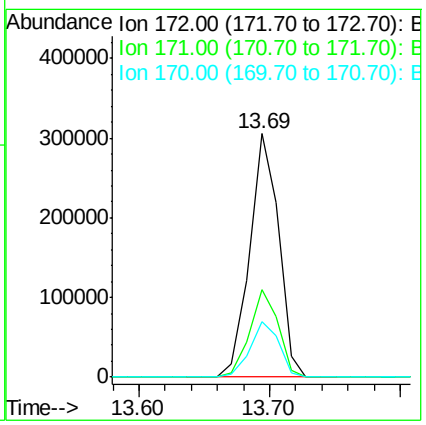


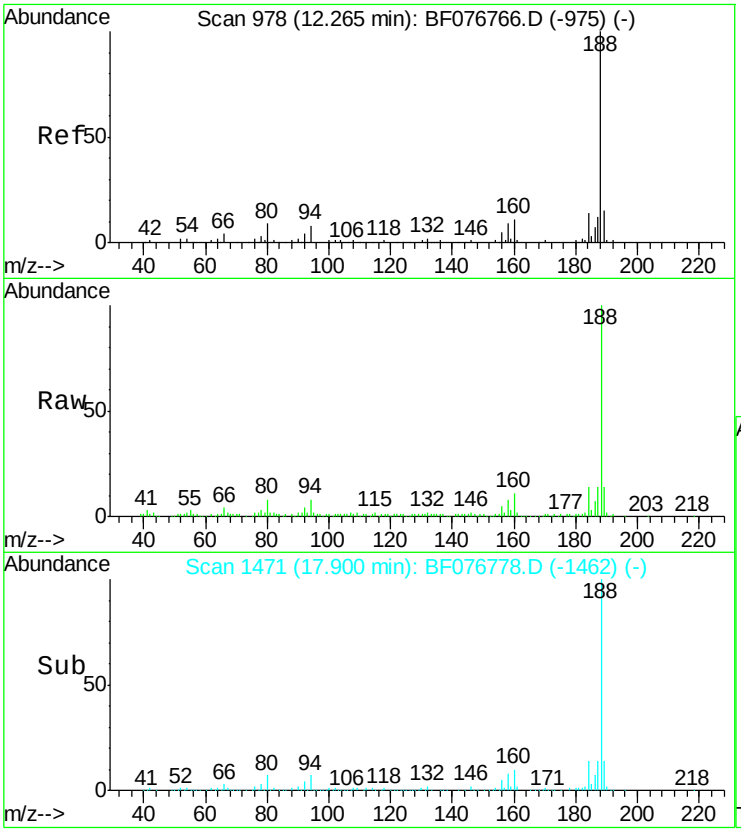


#44
2-Fluorobiphenyl
Concen: 75.04 ng
RT: 13.69 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF076778.D
Acq: 8 Jan 2015 16:22

Tgt Ion:172 Resp: 474611

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.8	41.8
170	22.9	19.0	28.4



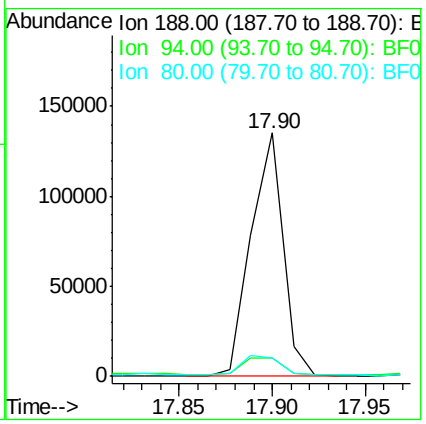


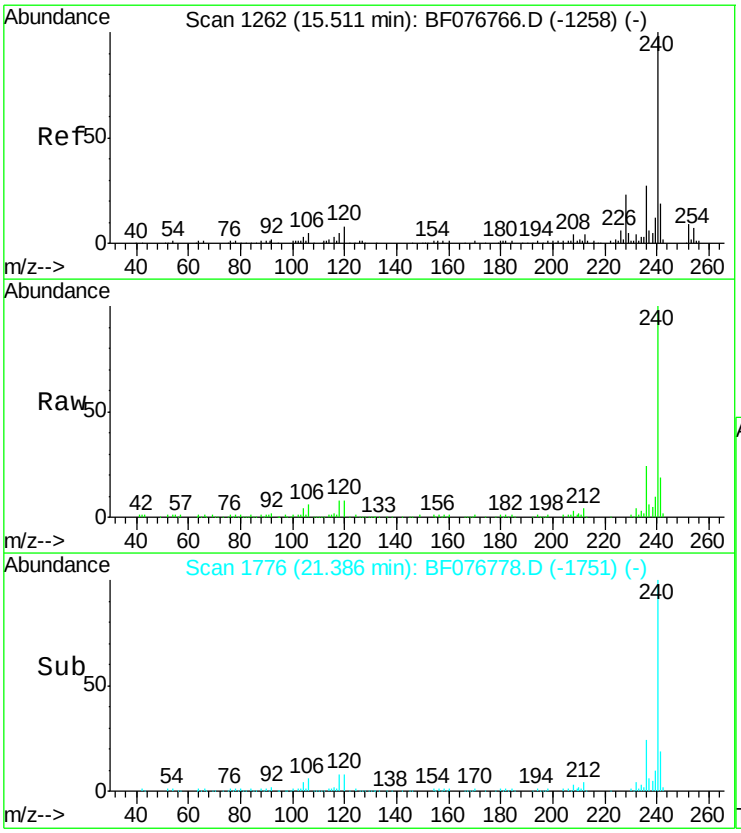
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF076778.D
Acq: 8 Jan 2015 16:22

Instrument :
BNA_F
ClientSampleId :
S8-0405

Tgt Ion:188 Resp: 161018

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.9	11.9#
80	7.7	8.2	12.2#

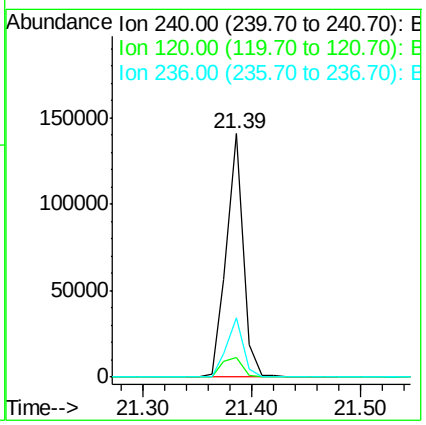


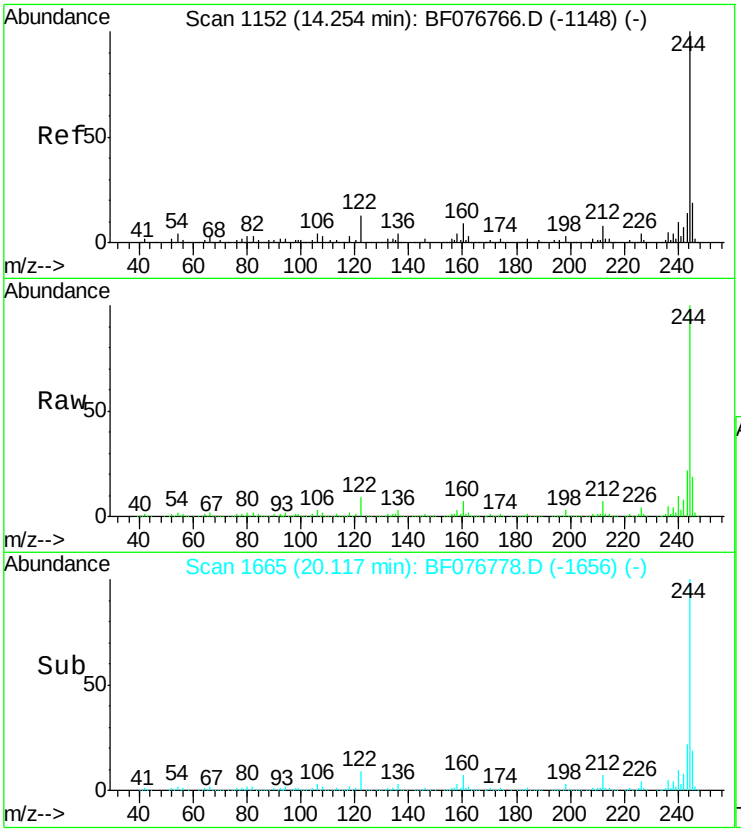


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.39 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF076778.D
Acq: 8 Jan 2015 16:22

Tgt Ion:240 Resp: 151385

Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.0	12.0#
236	24.5	20.6	30.8



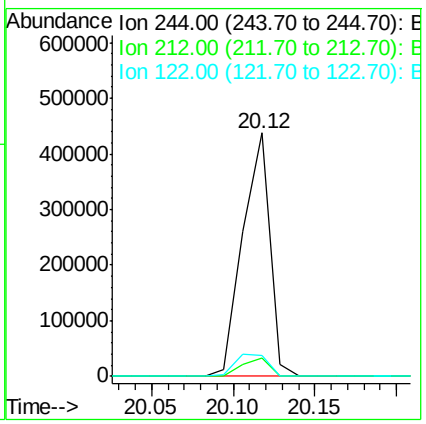


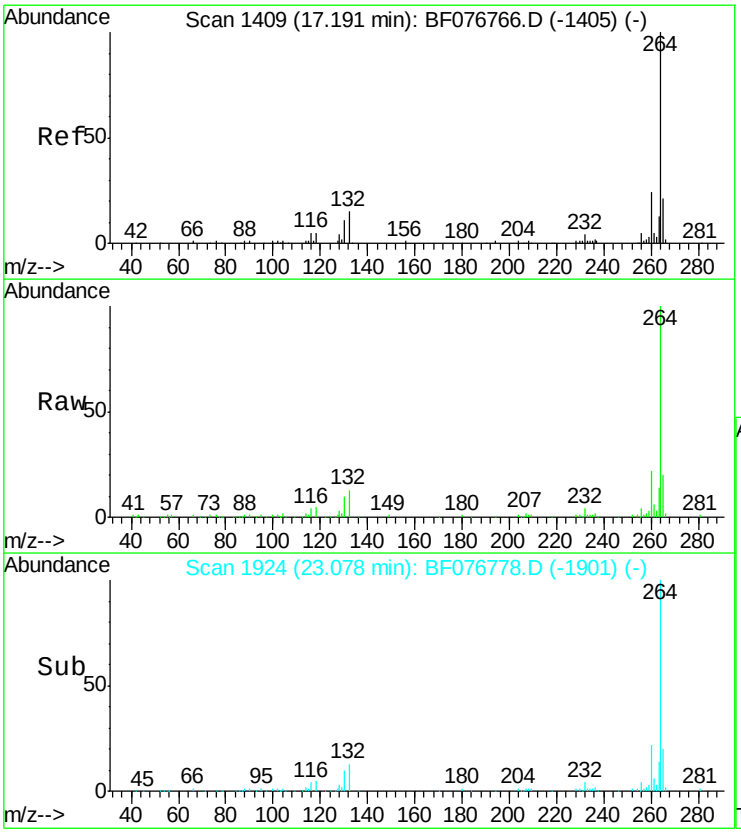
#78
Terphenyl-d14
Concen: 73.46 ng
RT: 20.12 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BF076778.D
Acq: 8 Jan 2015 16:22

Instrument :
BNA_F
ClientSampleId :
S8-0405

Tgt Ion:244 Resp: 504178

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	8.7	8.2	12.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.08 min Scan# 1924
Delta R.T. -0.03 min
Lab File: BF076778.D
Acq: 8 Jan 2015 16:22

Tgt Ion:264 Resp: 135504

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.4	29.2
265	19.6	18.1	27.1