Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
Data File : BF102390.D
Acq On : 24 Jan 2018 15:35
Operator : SJ/JU
Sample : J1235-07 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 25 00:07:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	131040	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	546816	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	254332	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	448650	20.00	ng	0.00
75) Chrysene-d12	13.87	240	391396	20.00	ng	0.00
86) Perylene-d12	15.29	264	332782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	205502	23.78	ng	-0.01
7) Phenol-d6	6.35	99	252538	24.24	ng	-0.01
23) Nitrobenzene-d5	7.27	82	147011	15.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	59063	23.44	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	264931	15.32	ng	-0.01
78) Terphenyl-d14	12.82	244	275102	15.85	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.27	82	145350	8.568	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	32542	7.180	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	32542	5.839	ng	# 24
59) Diethylphthalate	10.16	149	108712	5.322	ng	99
74) Fluoranthene	12.45	202	86084	3.229	ng	97
77) Pyrene	12.67	202	72996	2.412	ng	98
87) Benzo(b)fluoranthene	14.89	252	71904	3.334	ng	# 95
88) Benzo(k)fluoranthene	14.89	252	71904	3.528	ng	95
91) Benzo(g,h,i)perylene	17.09	276	36162	2.324	ng	99

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
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Acq On : 24 Jan 2018 15:35
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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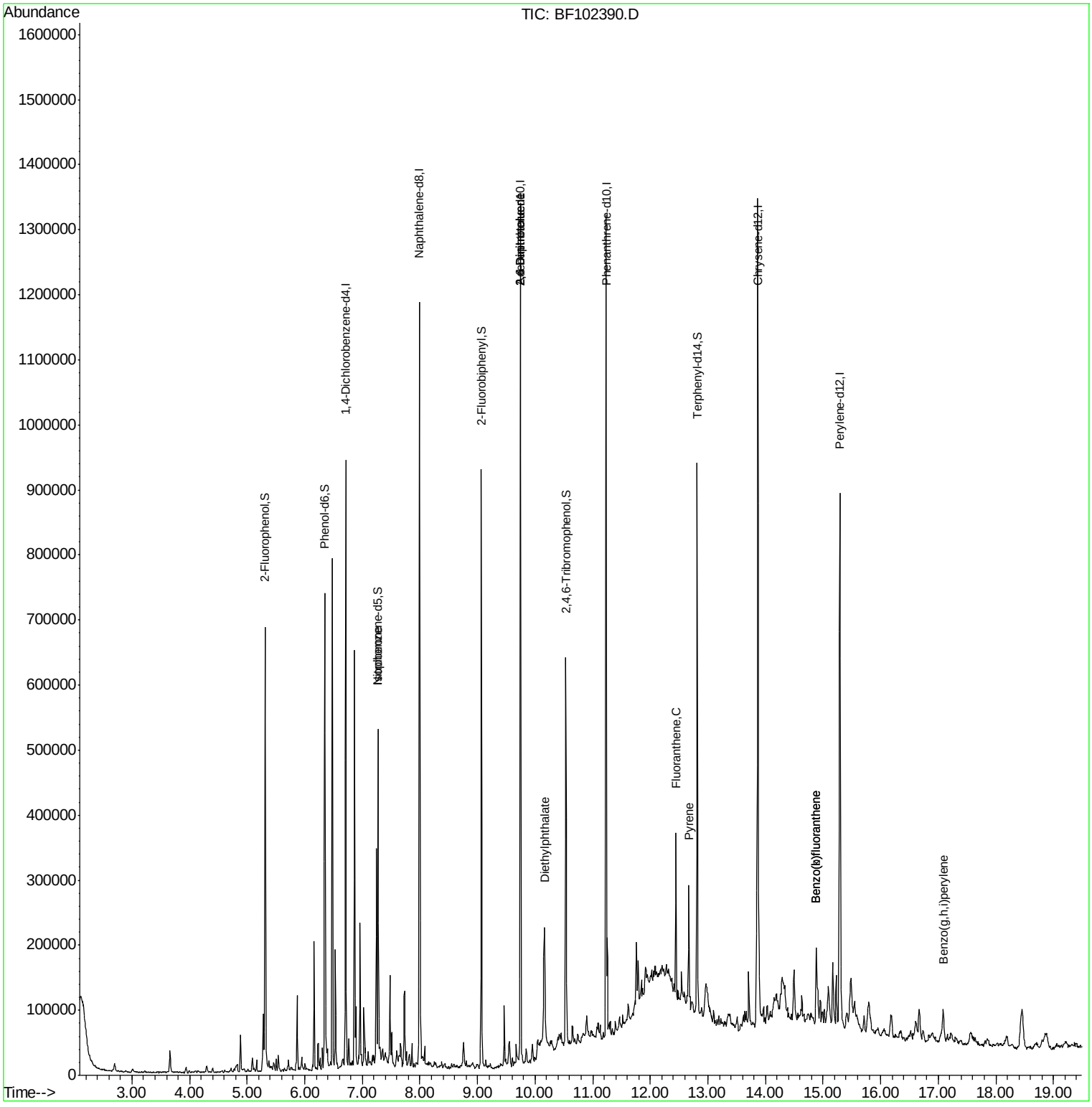
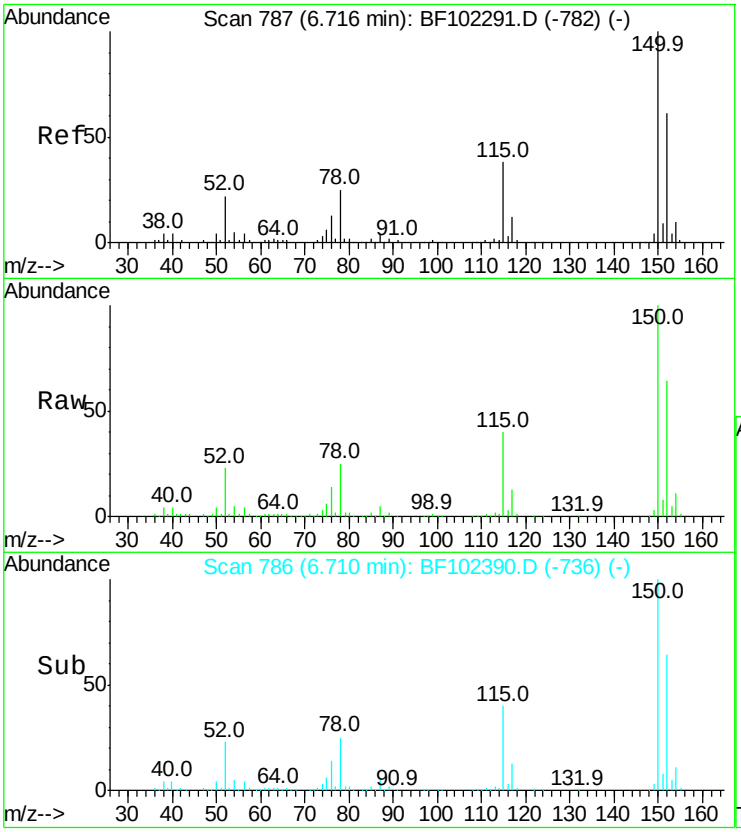


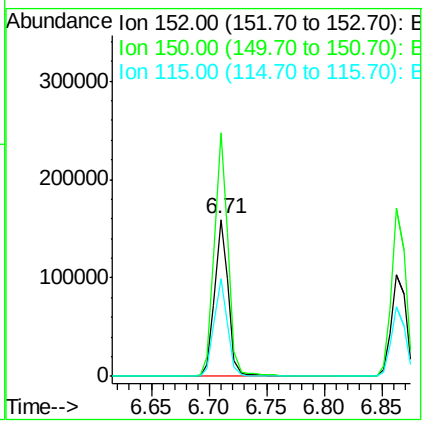


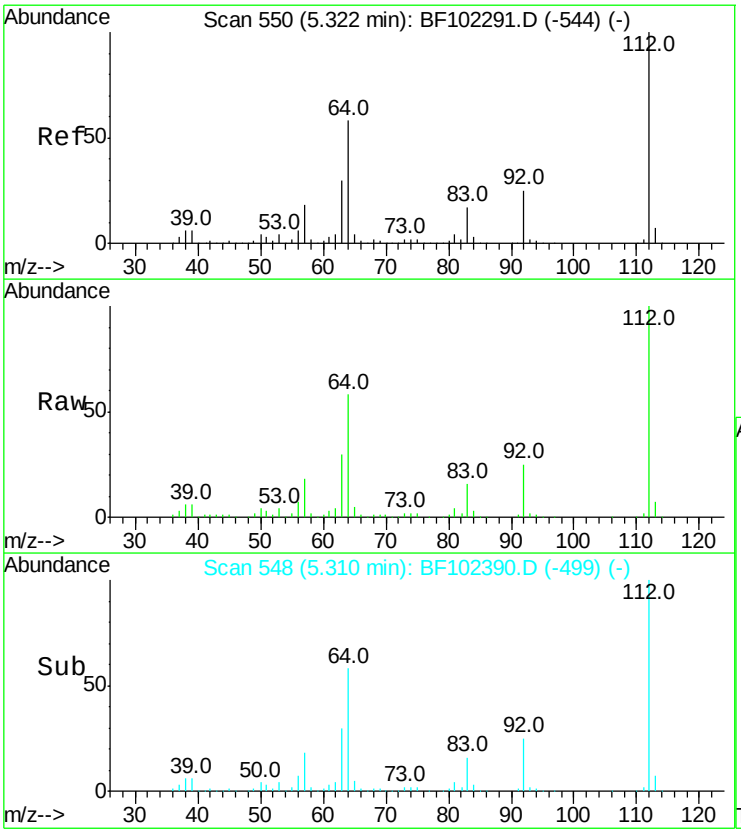
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 131040

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	62.1	50.1	75.1

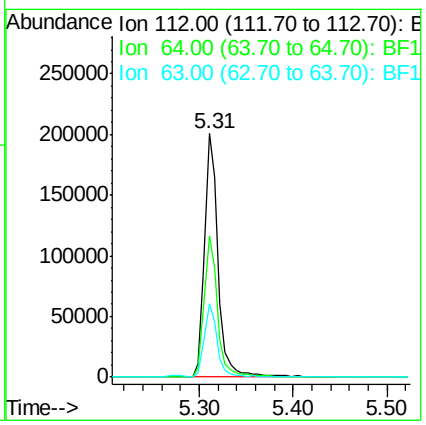


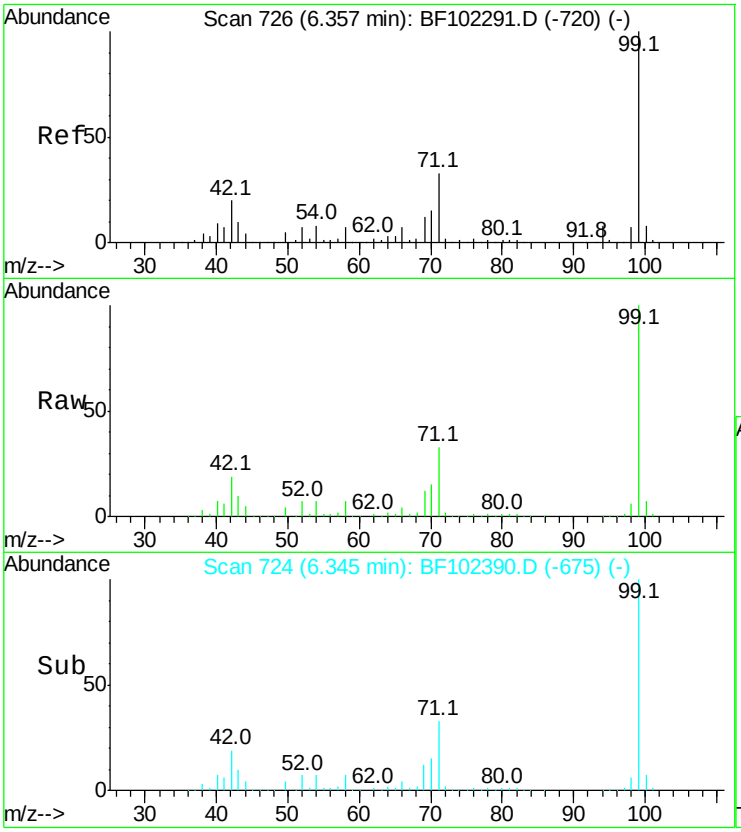


#5
2-Fluorophenol
Concen: 23.779 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion:112 Resp: 205502

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	30.1	23.7	35.5

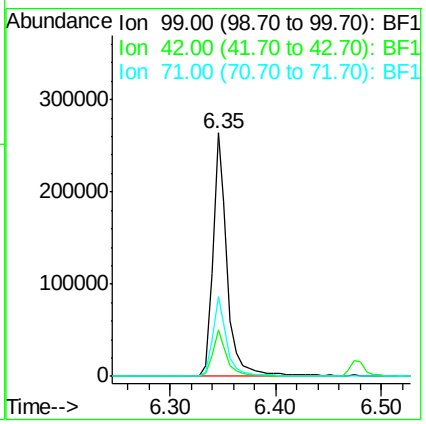




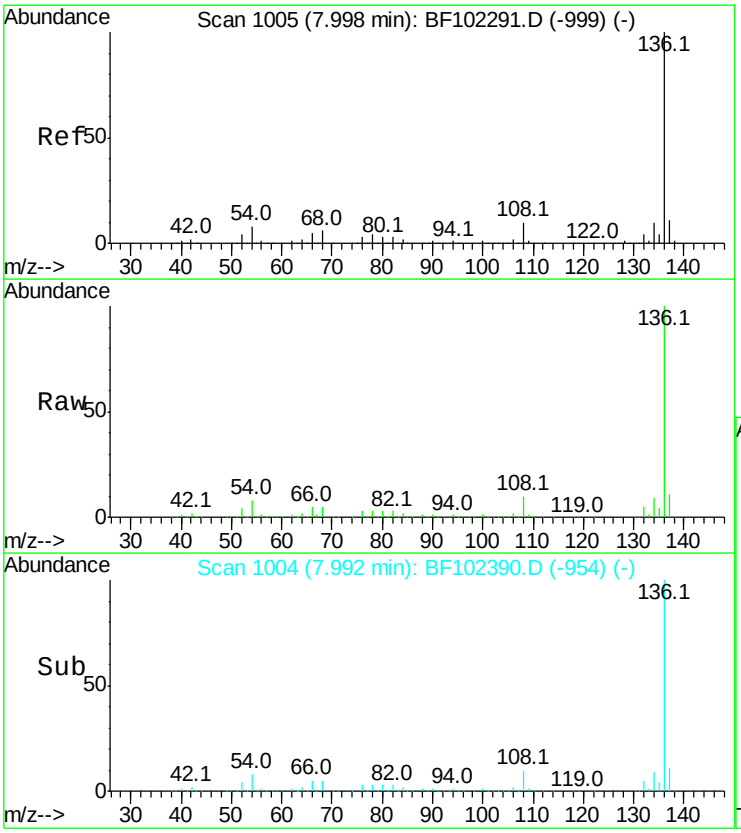
#7
Phenol-d6
Concen: 24.238 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion: 99 Resp: 252538

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	32.9	25.4	38.0



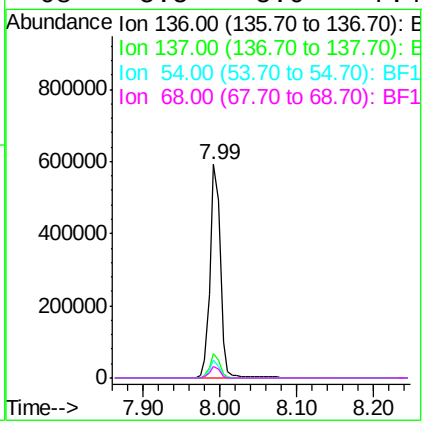
Instrument :
BNA_F
ClientSampleId :

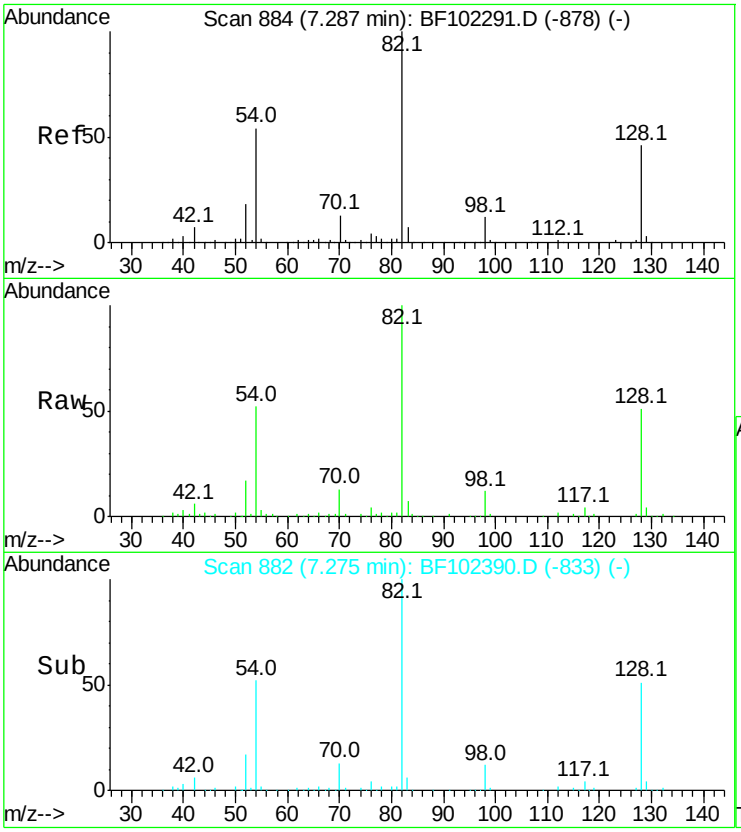


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion:136 Resp: 546816

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.2	6.6	9.8
68	5.5	5.0	7.4

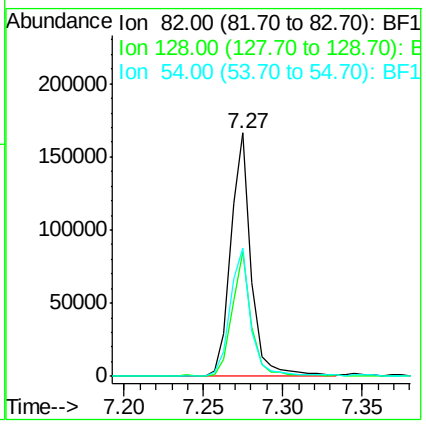




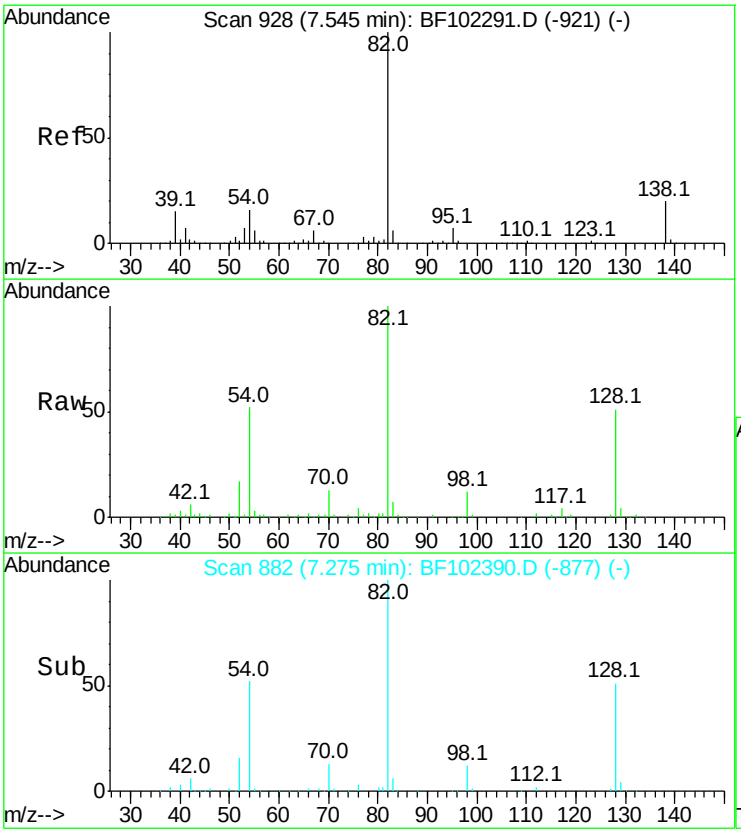
#23
Nitrobenzene-d5
Concen: 15.450 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion: 82 Resp: 147011

Ion	Ratio	Lower	Upper
82	100		
128	51.0	36.1	54.1
54	52.5	41.4	62.2



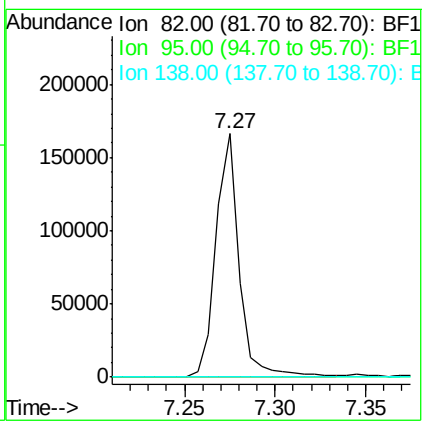
Instrument :
BNA_F
ClientSampleId :

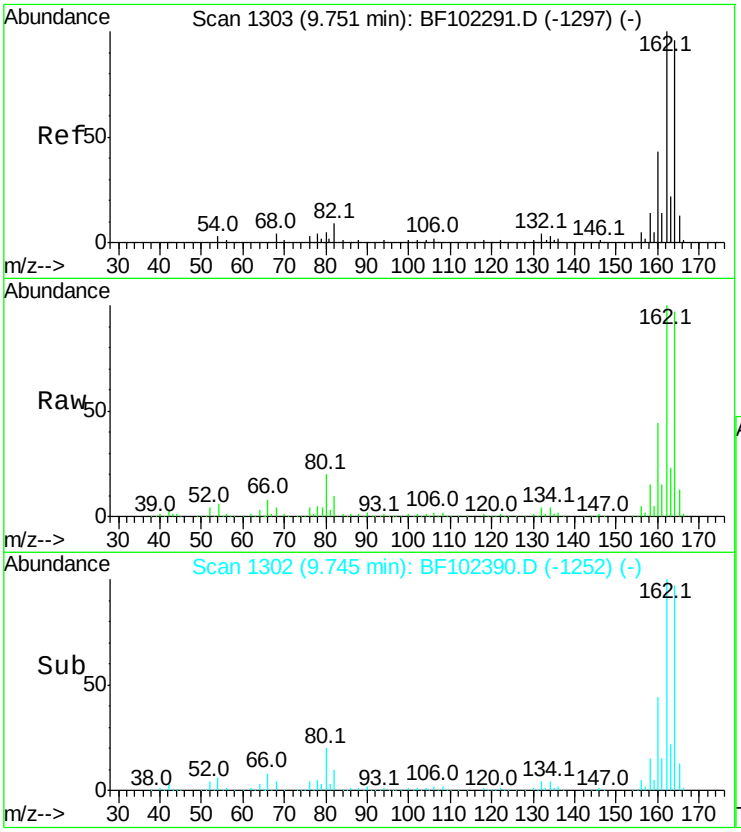


#25
Isophorone
Concen: 8.568 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion: 82 Resp: 145350

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#



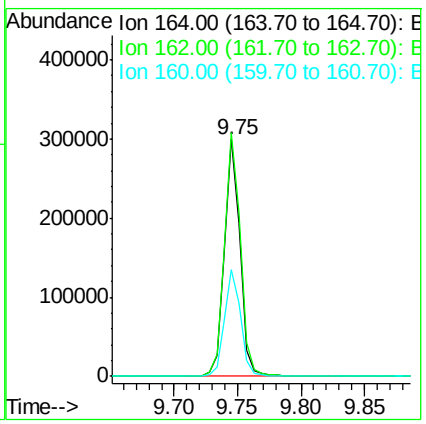


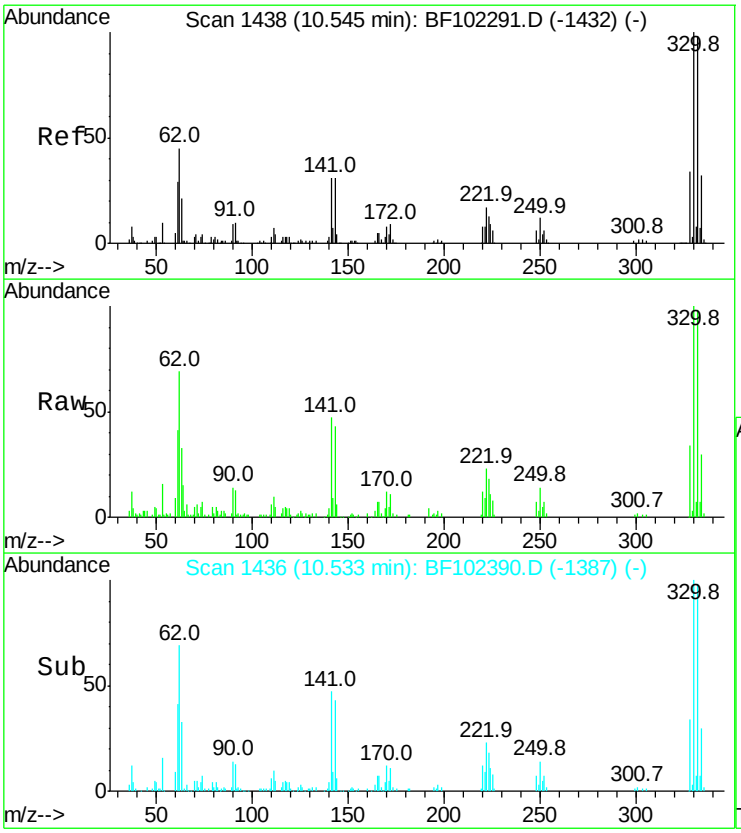
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 254332

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	44.8	38.3	57.5

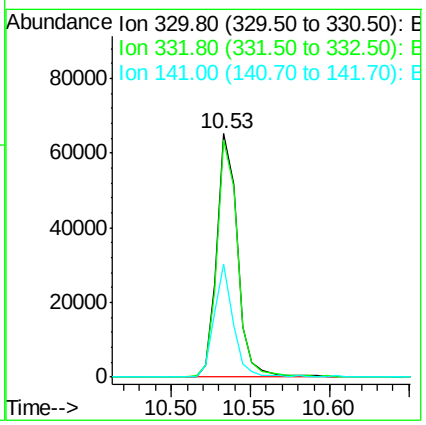


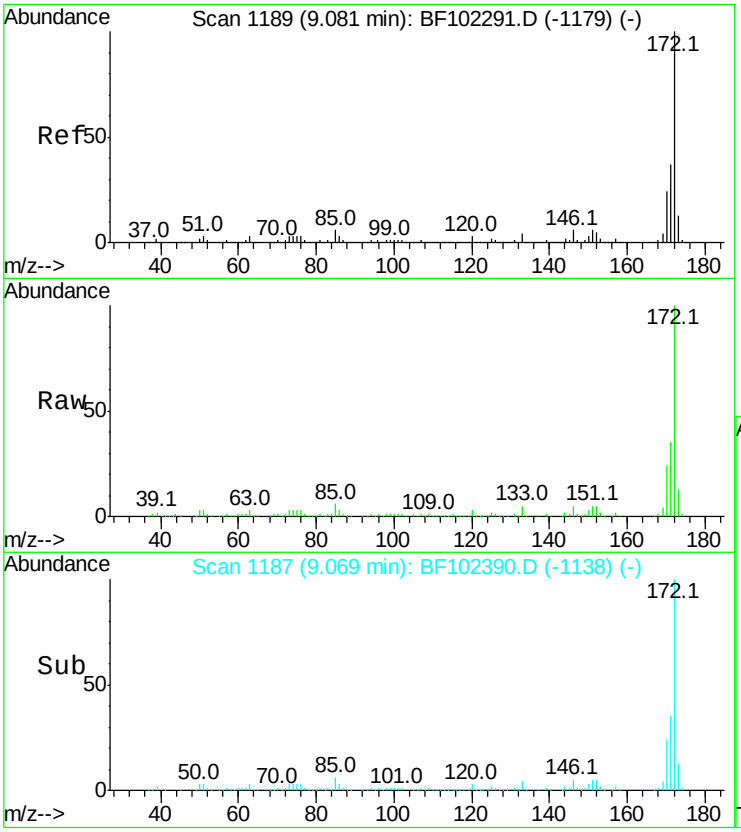


#41
2,4,6-Tribromophenol
Concen: 23.437 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion:330 Resp: 59063

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	42.6	29.9	44.9



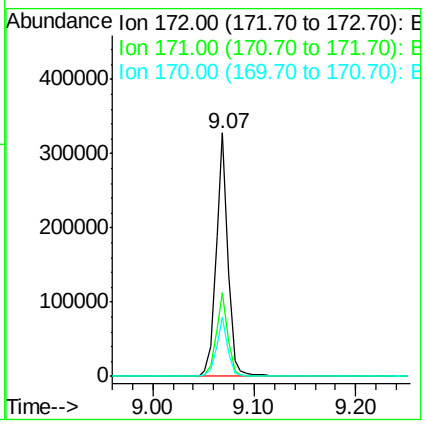


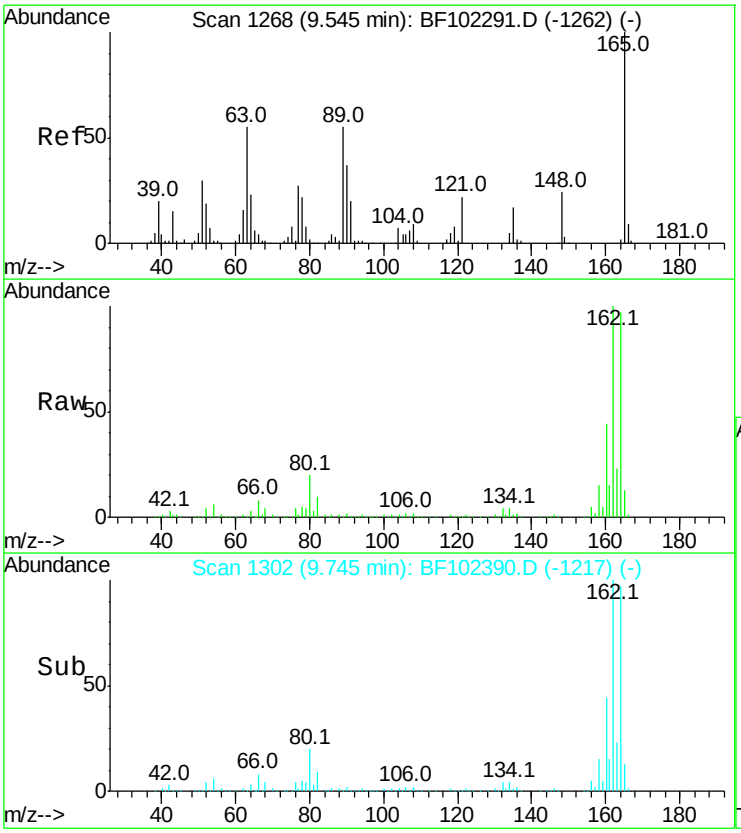
#44
2-Fluorobiphenyl
Concen: 15.316 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 264931

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	24.2	19.6	29.4

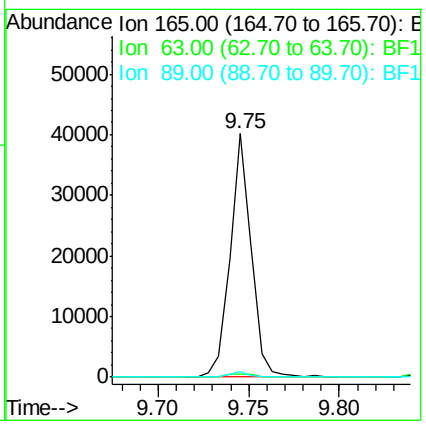


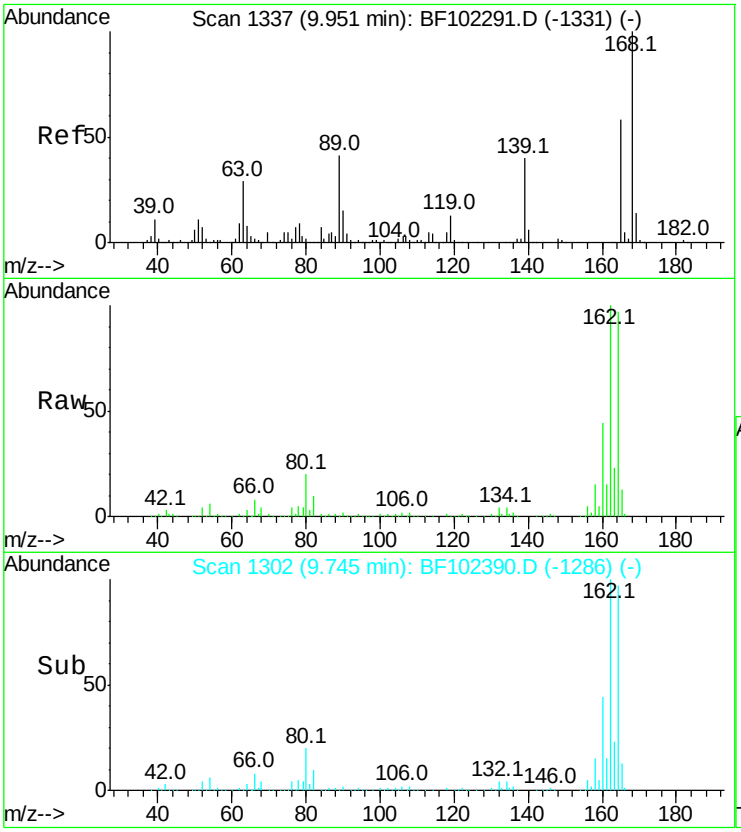


#50
2,6-Dinitrotoluene
Concen: 7.180 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion:165 Resp: 32542

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	2.4	44.0	66.0#



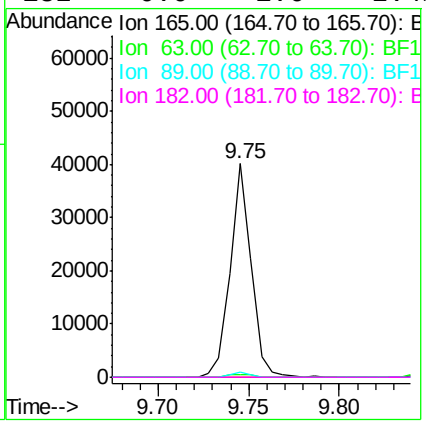


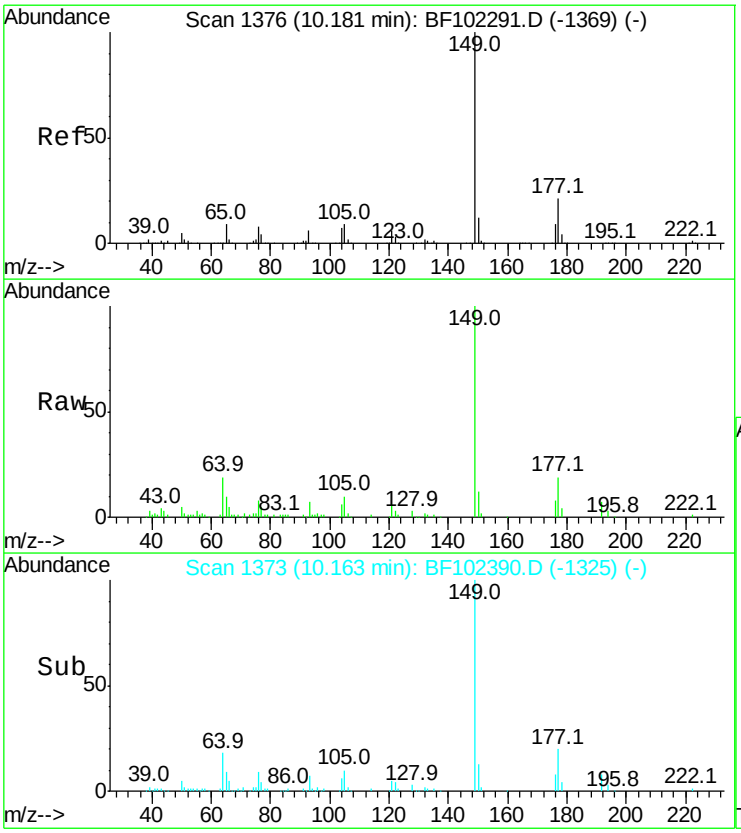
#56
2,4-Dinitrotoluene
Concen: 5.839 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32542

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	2.4	57.8	86.6#
182	0.0	1.6	2.4#

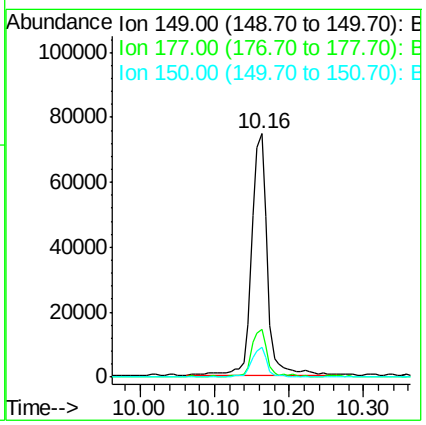


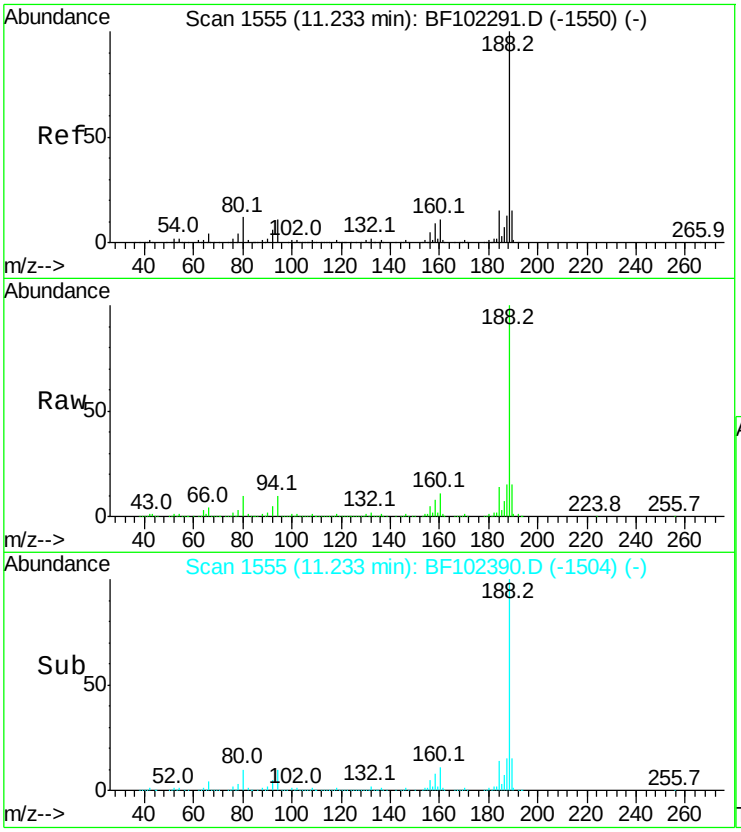


#59
Diethylphthalate
Concen: 5.322 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion:149 Resp: 108712

Ion	Ratio	Lower	Upper
149	100		
177	19.5	16.1	24.1
150	12.4	10.1	15.1



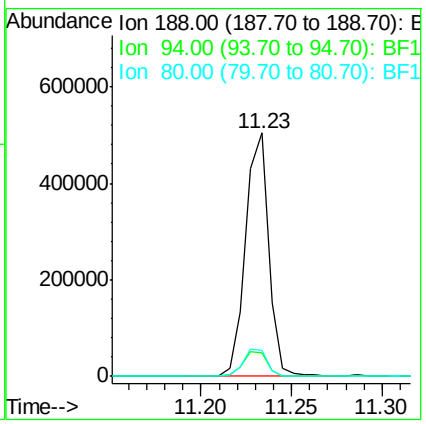


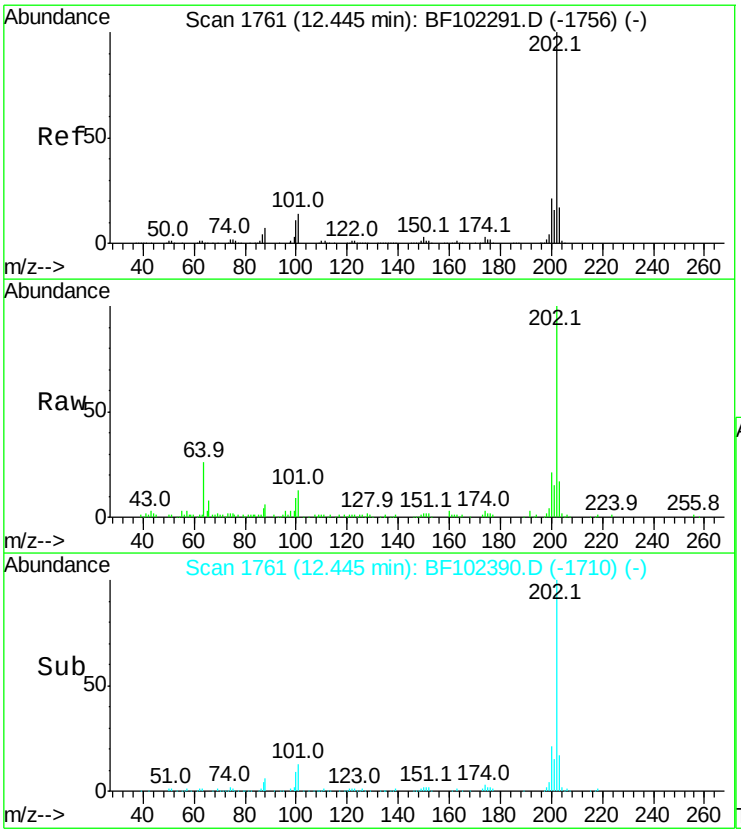
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 448650

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.5	9.2	13.8

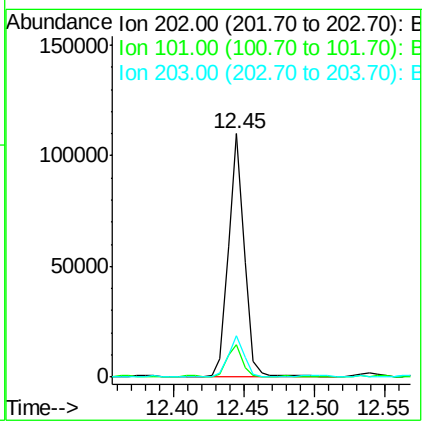


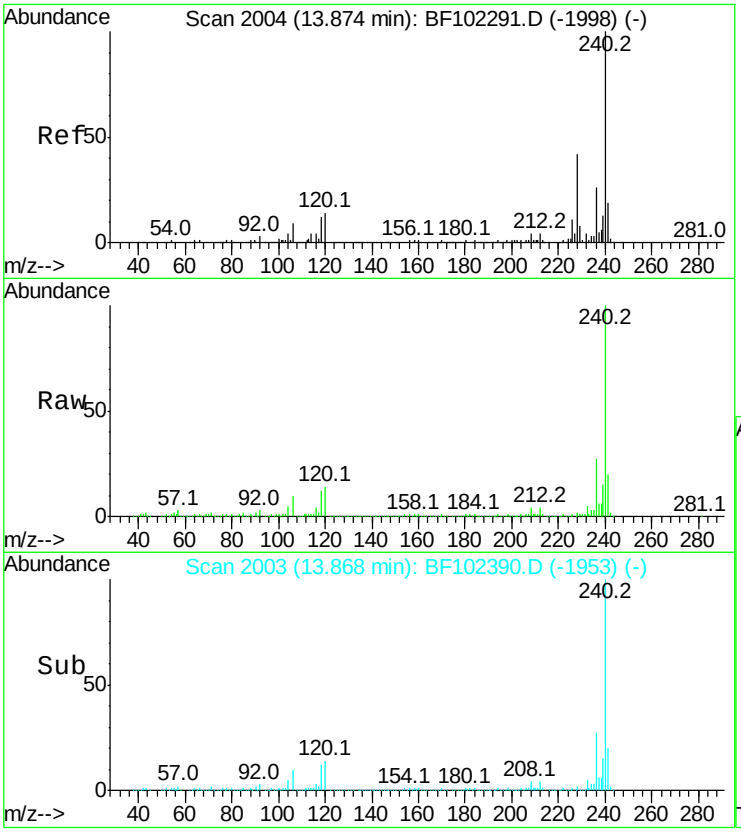


#74
Fluoranthene
Concen: 3.229 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion:202 Resp: 86084

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	16.9	0.0	38.1



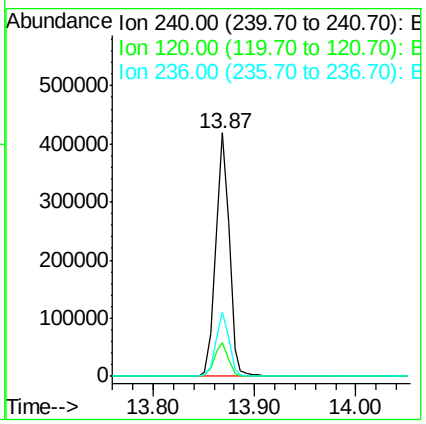


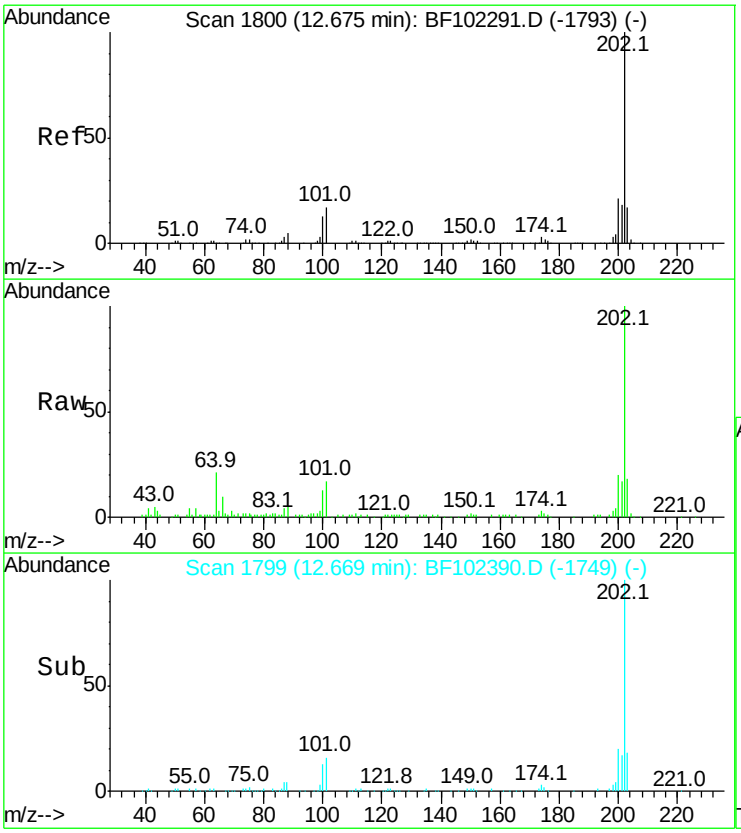
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 391396

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.6	20.7	31.1

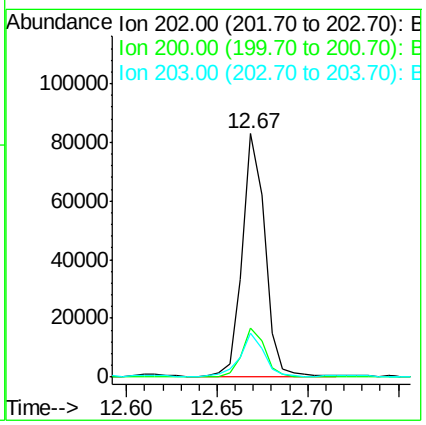


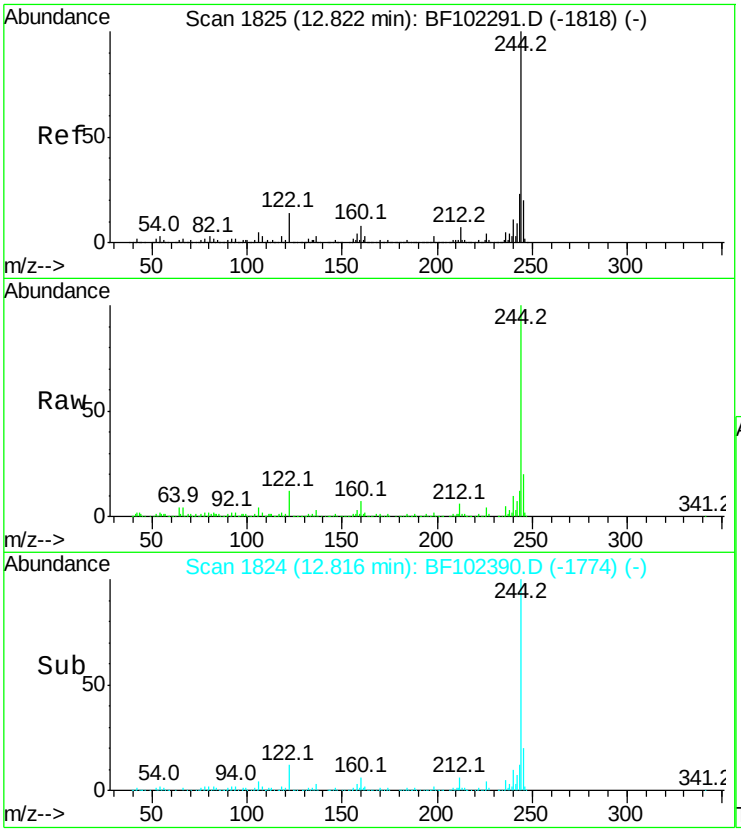


#77
Pyrene
Concen: 2.412 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion:202 Resp: 72996

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	18.0	14.3	21.5



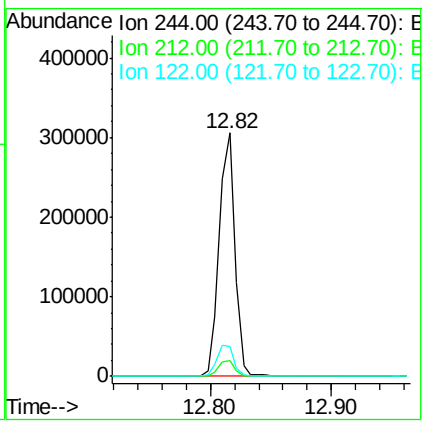


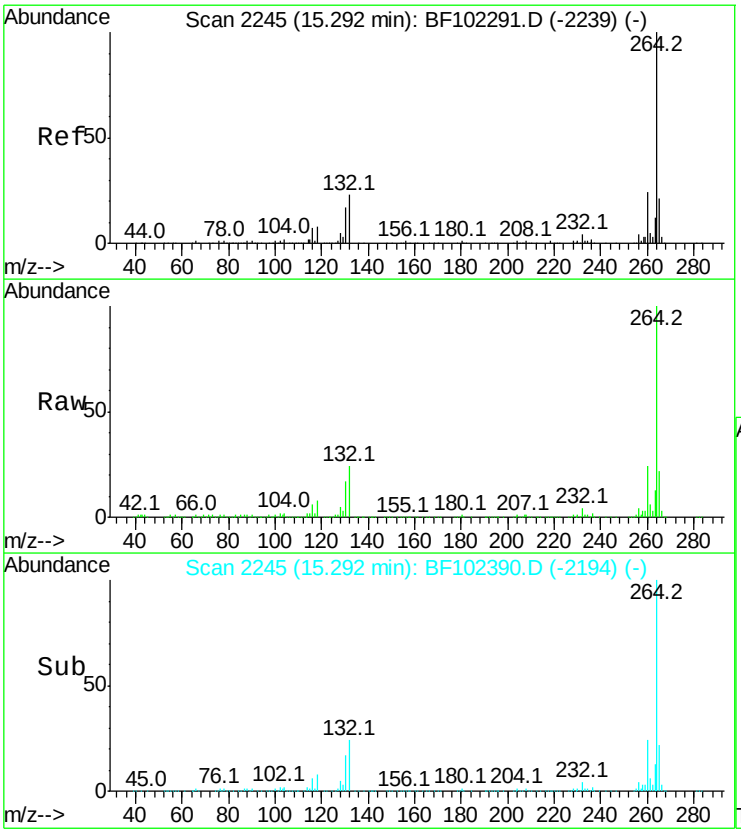
#78
Terphenyl-d14
Concen: 15.845 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 275102

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.1	11.0	16.4

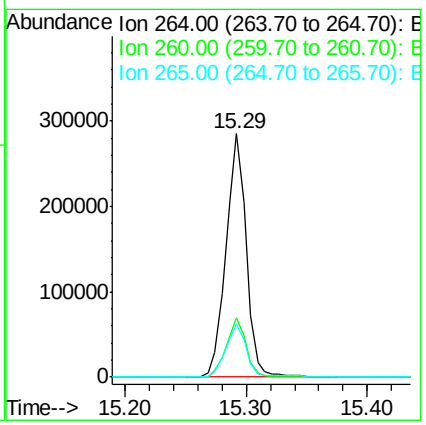


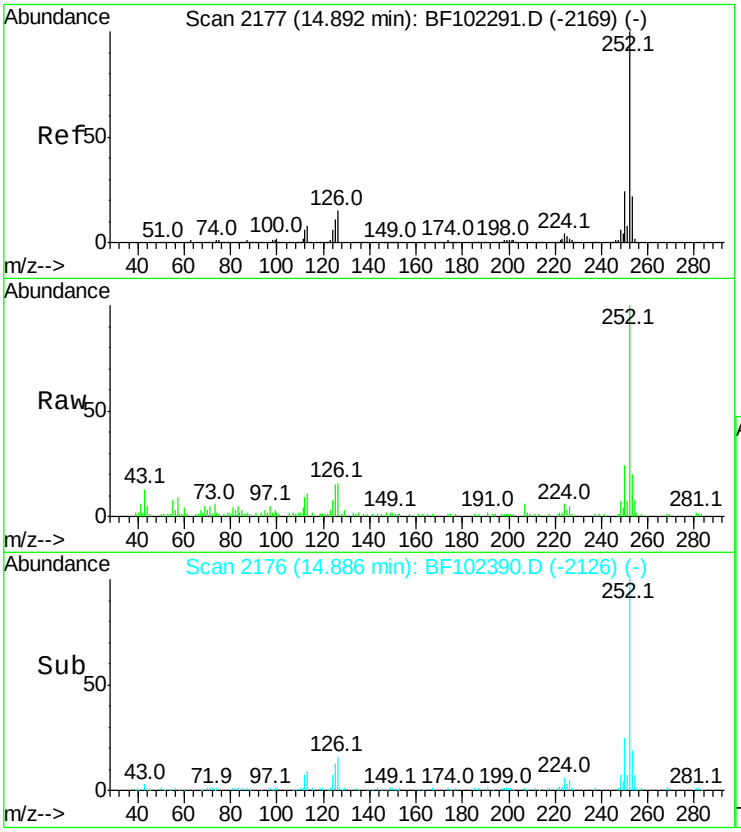


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion:264 Resp: 332782

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3



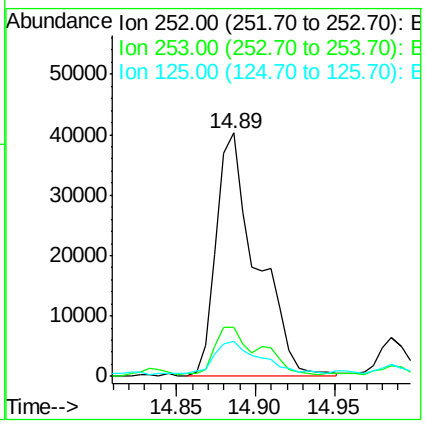


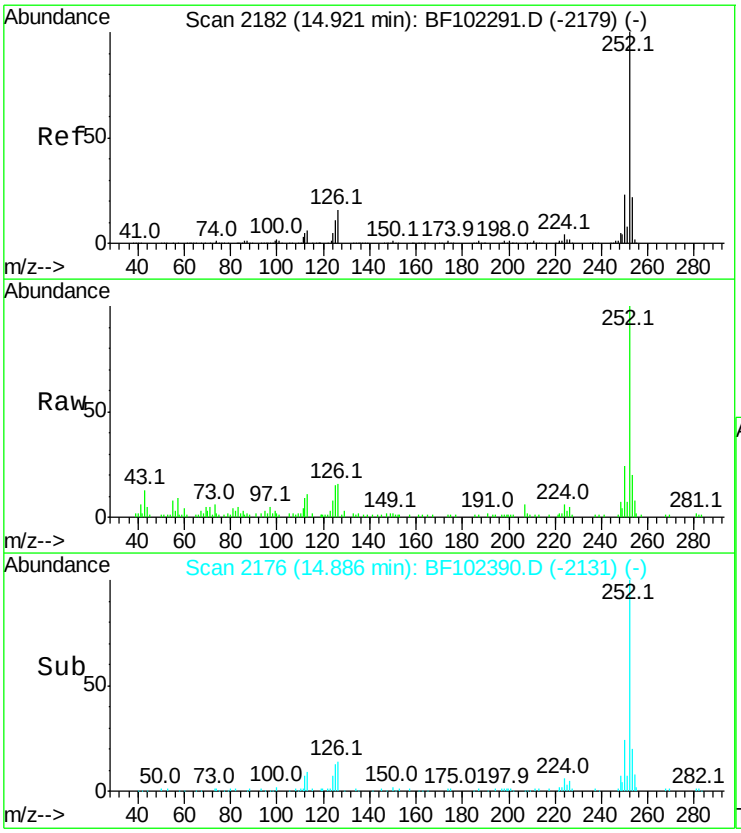
#87
Benzo(b)fluoranthene
Concen: 3.334 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 71904

Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.0	25.6
125	14.6	9.0	13.6#

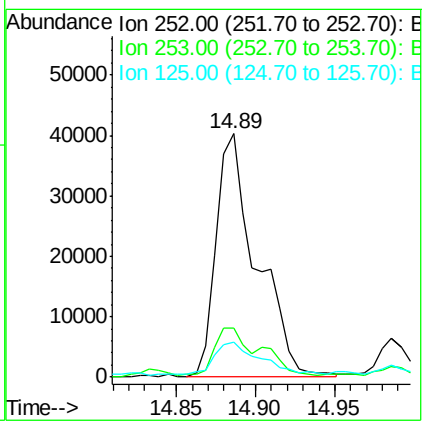


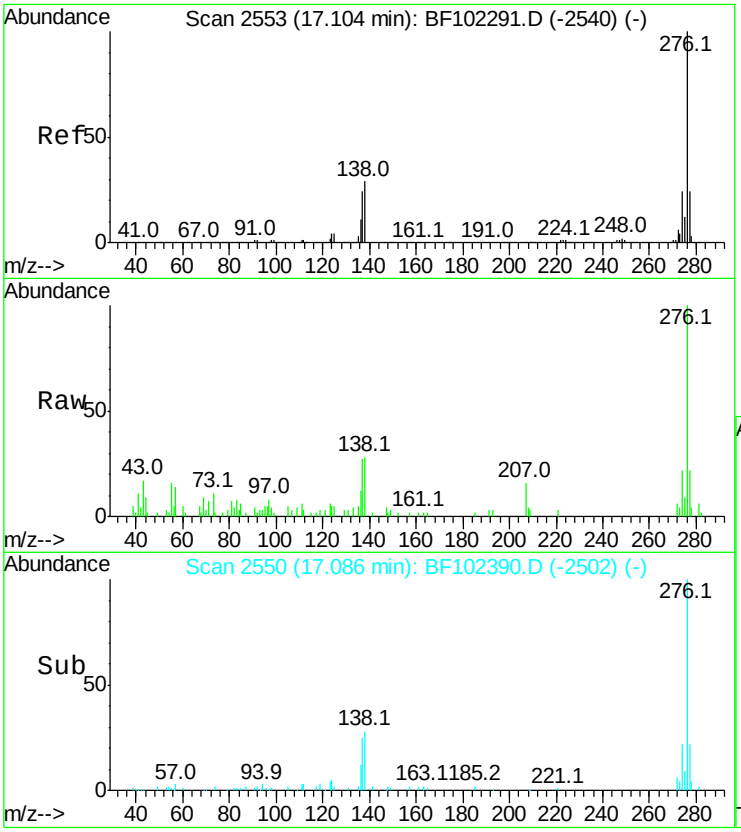


#88
Benzo(k)fluoranthene
Concen: 3.528 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.04 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Tgt Ion:252 Resp: 71904

Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.9	26.9
125	14.6	10.2	15.2





#91
Benzo(g,h,i)perylene
Concen: 2.324 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.02 min
Lab File: BF102390.D
Acq: 24 Jan 2018 15:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 36162

Ion	Ratio	Lower	Upper
276	100		
277	21.9	17.9	26.9
138	28.1	21.8	32.8