Quantitation Report (QT/LSC Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102155.D
Acq On : 17 Jan 2018 17:39
Operator : SJ/JU
Sample : J1152-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTP-2

Quant Time: Jan 18 02:01:25 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135185	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	463019	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	170539	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	236470	20.00	ng		0.00
75) Chrysene-d12	13.87	240	243056	20.00	ng		0.00
86) Perylene-d12	15.28	264	277817	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	885610	92.51	ng		0.01
7) Phenol-d6	6.36	99	1040625	91.11	ng		0.00
23) Nitrobenzene-d5	7.29	82	635741	80.69	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	149525	100.47	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	852337	78.08	ng		0.00
78) Terphenyl-d14	12.82	244	574455	49.07	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	50231	3.891	ng		99
31) Naphthalene	8.03	128	48791	2.109	ng	#	82
37) 2-Methylnaphthalene	8.72	142	123218	8.090	ng		99
49) Dimethylphthalate	9.47	163	105344	7.700	ng	#	91
57) Fluorene	10.30	166	26472	2.478	ng	#	73
70) Phenanthrene	11.26	178	72964	5.282	ng	#	94
74) Fluoranthene	12.44	202	50349	3.705	ng		98
77) Pyrene	12.67	202	47173	2.196	ng		99

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

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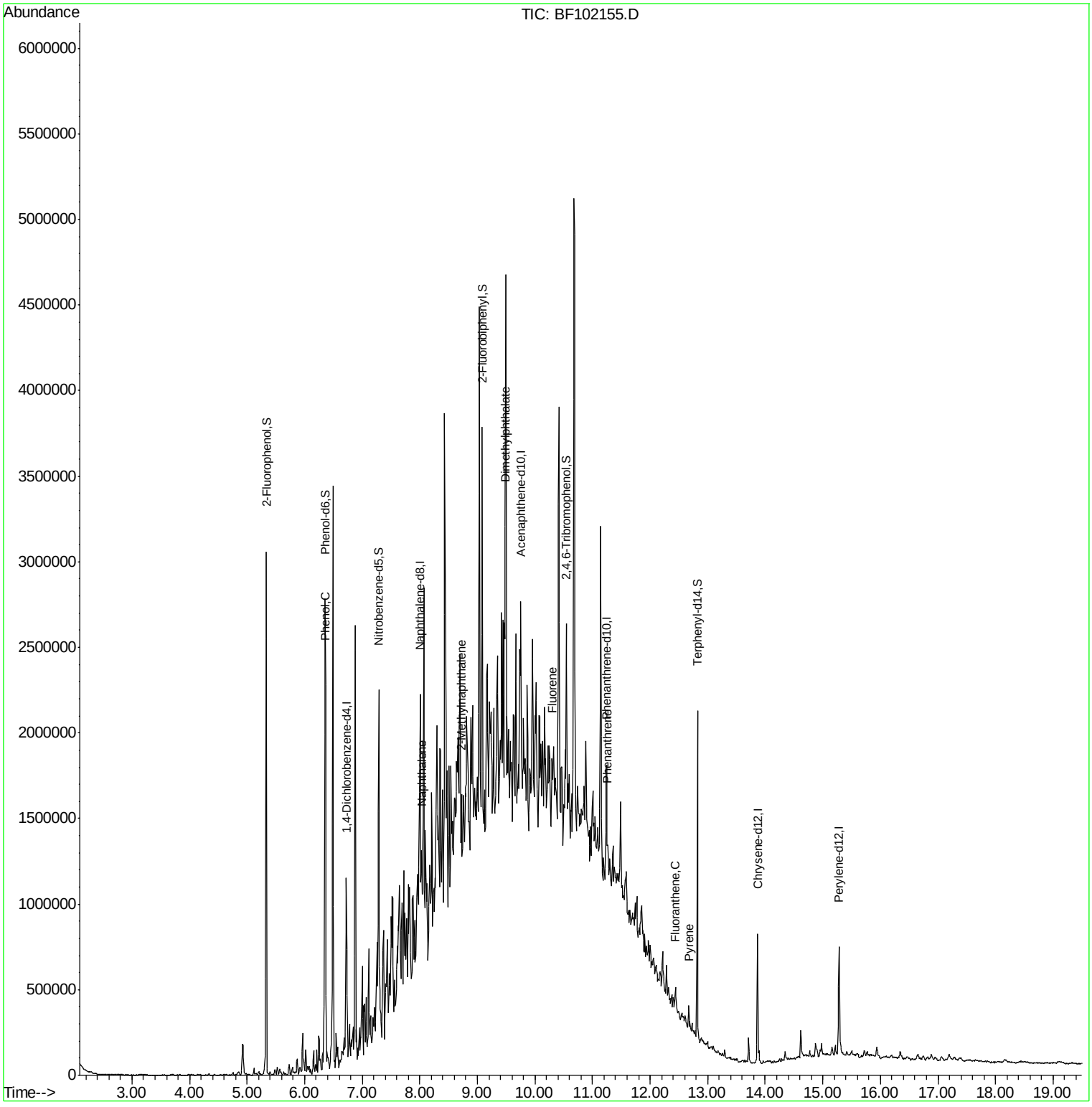
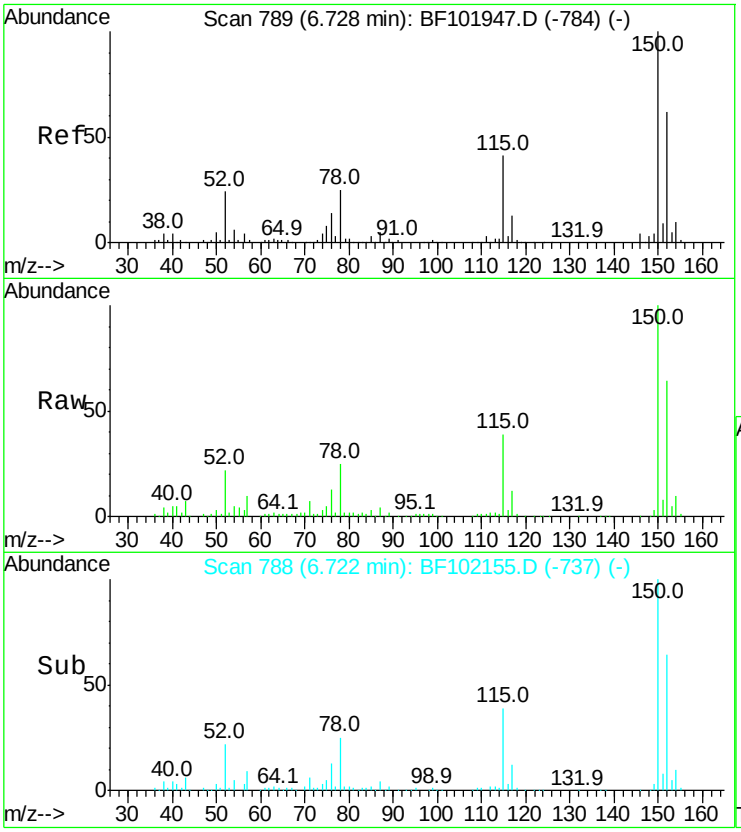


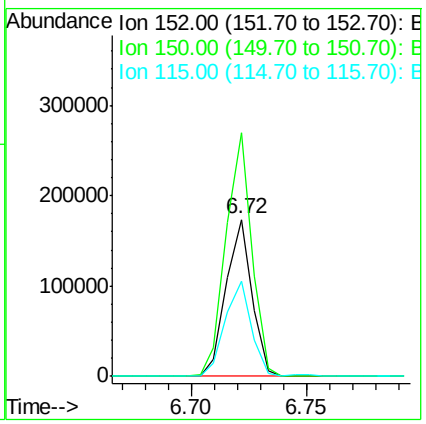


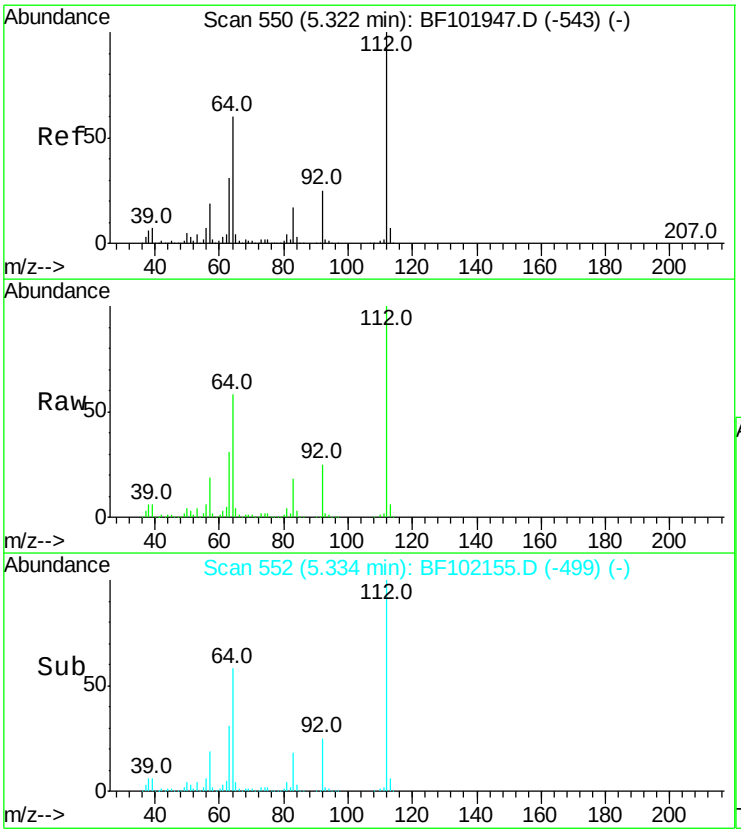
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Instrument :
BNA_F
ClientSampleId :
LTP-2

Tgt Ion:152 Resp: 135185

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	60.8	50.1	75.1

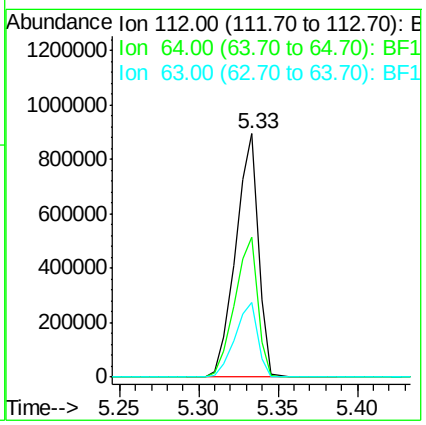


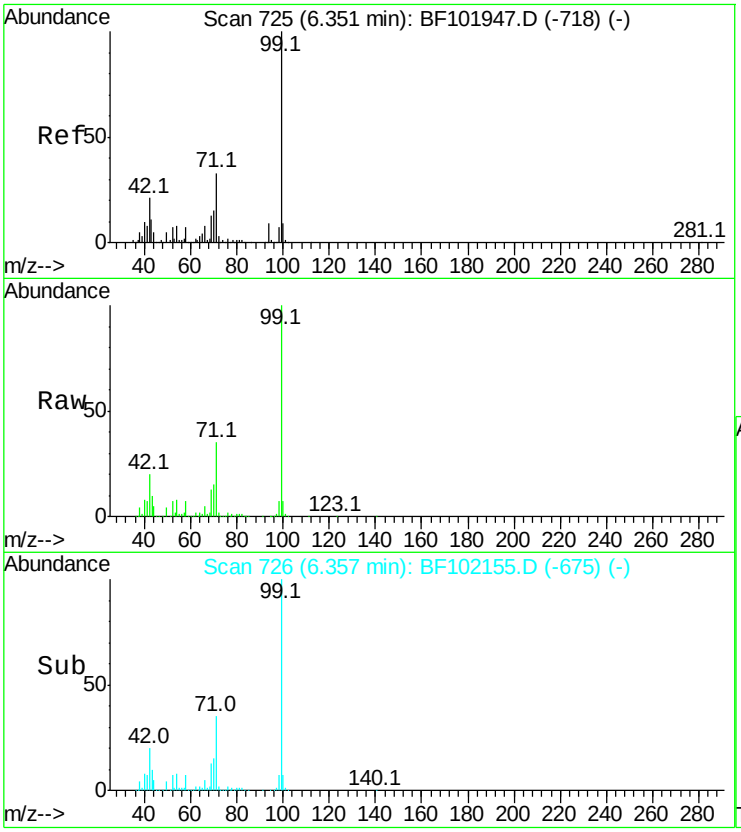


#5
2-Fluorophenol
Concen: 92.507 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Tgt Ion:112 Resp: 885610

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	30.6	23.7	35.5



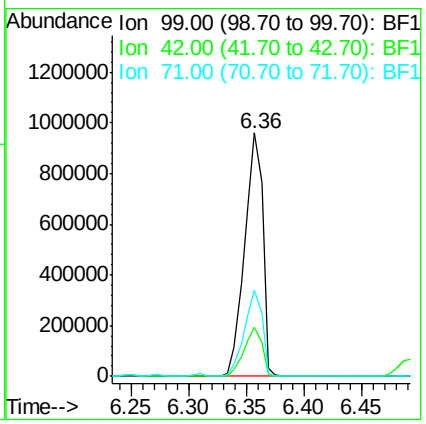


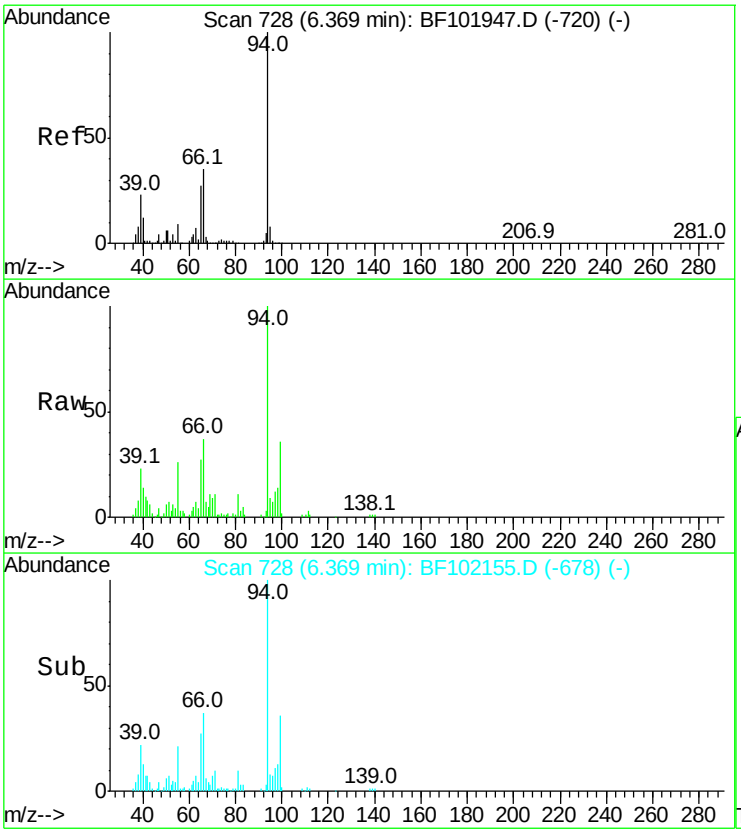
#7
Phenol-d6
Concen: 91.106 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Instrument :
BNA_F
ClientSampleId :
LTP-2

Tgt Ion: 99 Resp: 1040625

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	35.3	25.4	38.0

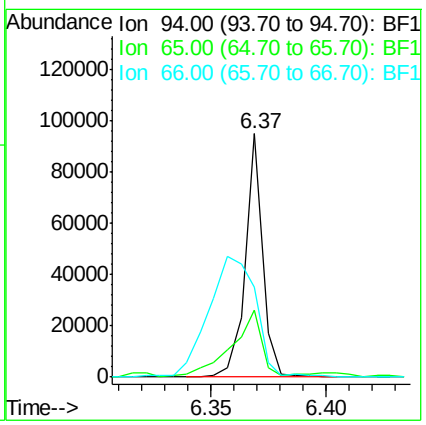


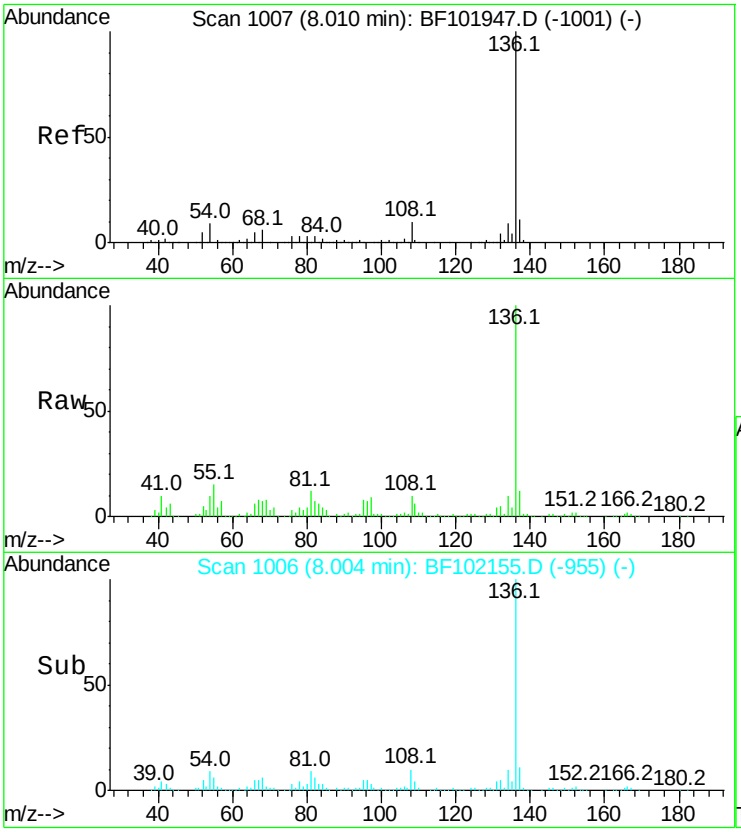


#10
Phenol
Concen: 3.891 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Tgt Ion: 94 Resp: 50231

Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.9	47.9
66	36.8	16.2	56.2



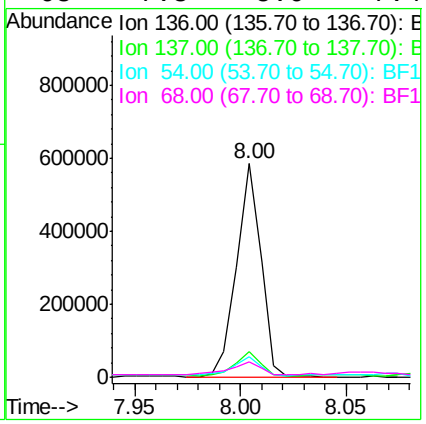


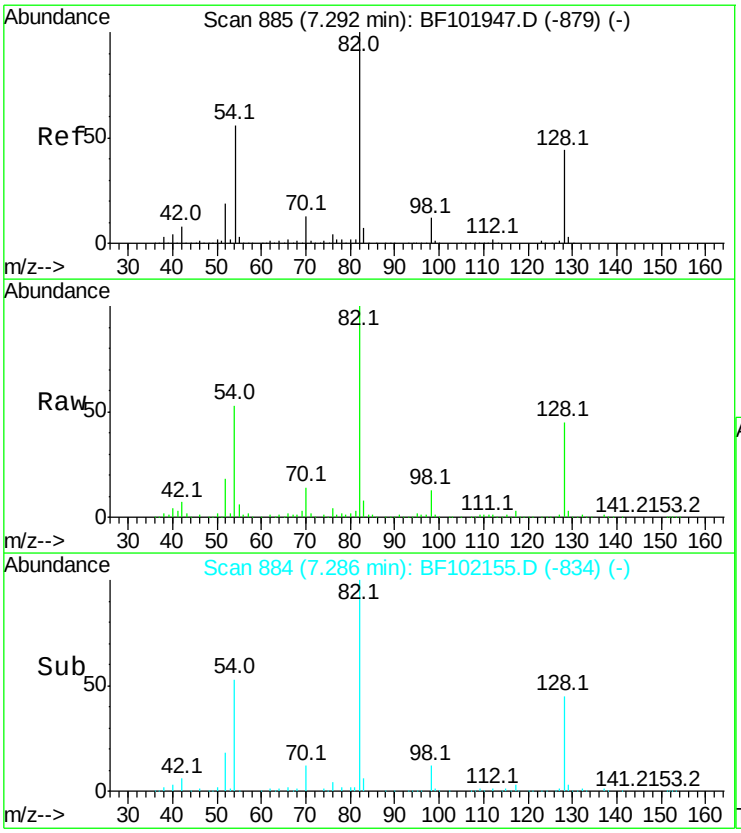
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Instrument :
BNA_F
ClientSampleId :
LTP-2

Tgt Ion:136 Resp: 463019

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	9.8	6.6	9.8
68	7.3	5.0	7.4

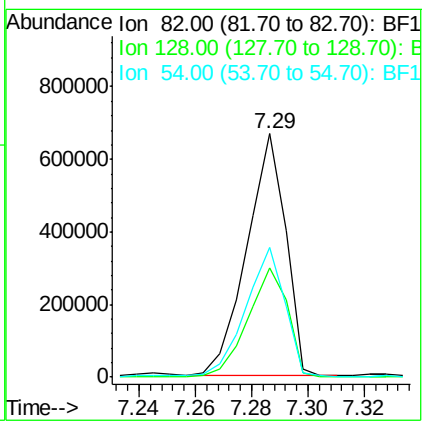


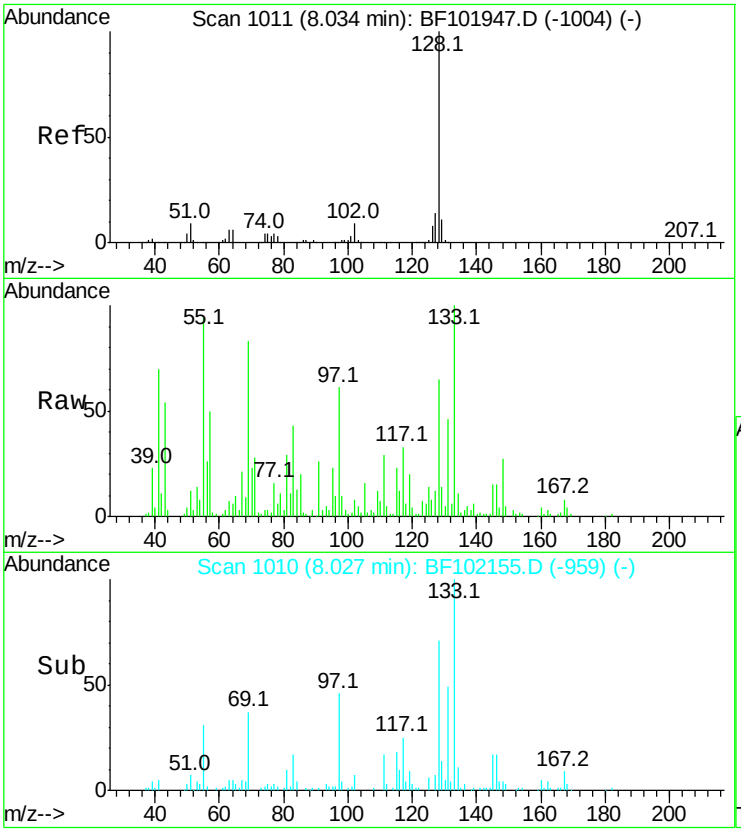


#23
Nitrobenzene-d5
Concen: 80.685 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Tgt Ion: 82 Resp: 635741

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	53.1	41.4	62.2



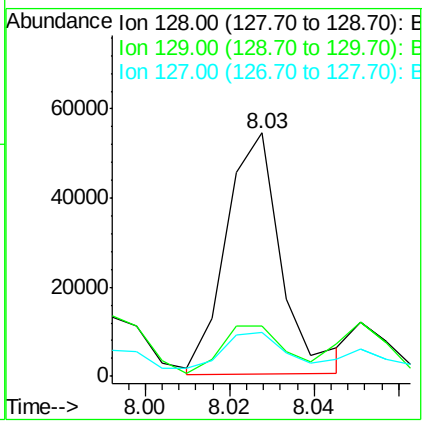


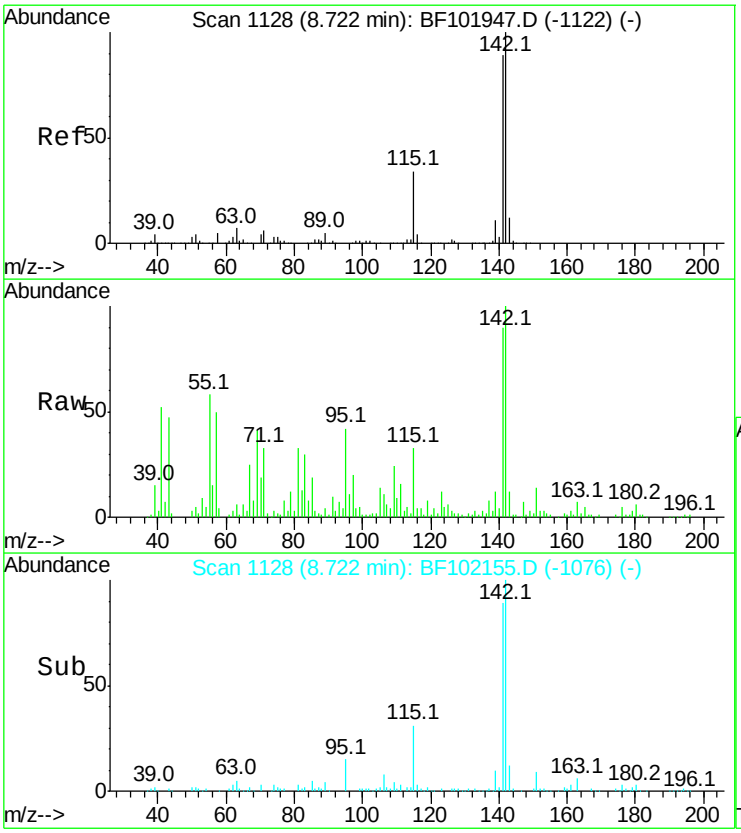
#31
Naphthalene
Concen: 2.109 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Instrument :
BNA_F
ClientSampleId :
LTP-2

Tgt Ion:128 Resp: 48791

Ion	Ratio	Lower	Upper
128	100		
129	20.8	8.8	13.2#
127	18.2	10.9	16.3#

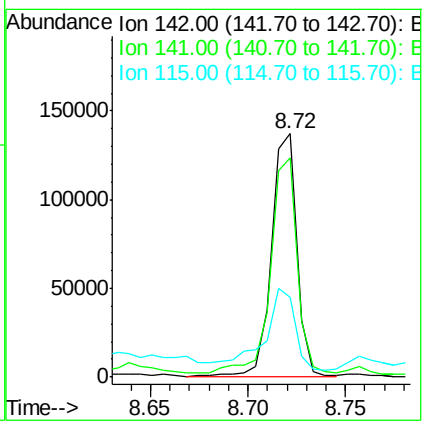


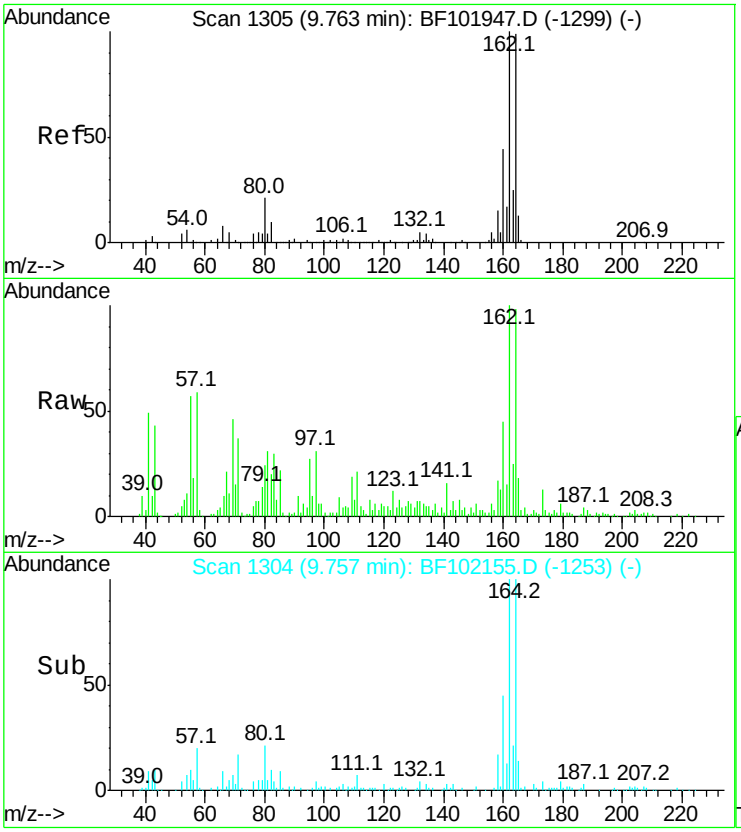


#37
2-Methylnaphthalene
Concen: 8.090 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Tgt Ion:142 Resp: 123218

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	32.5	26.1	39.1



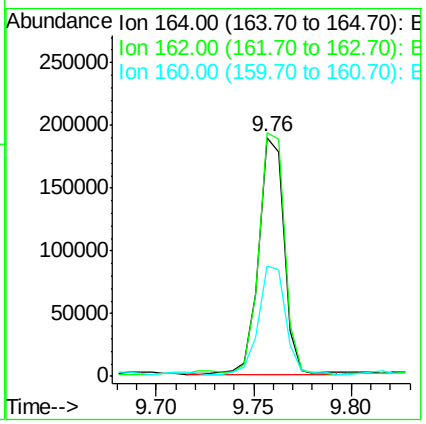


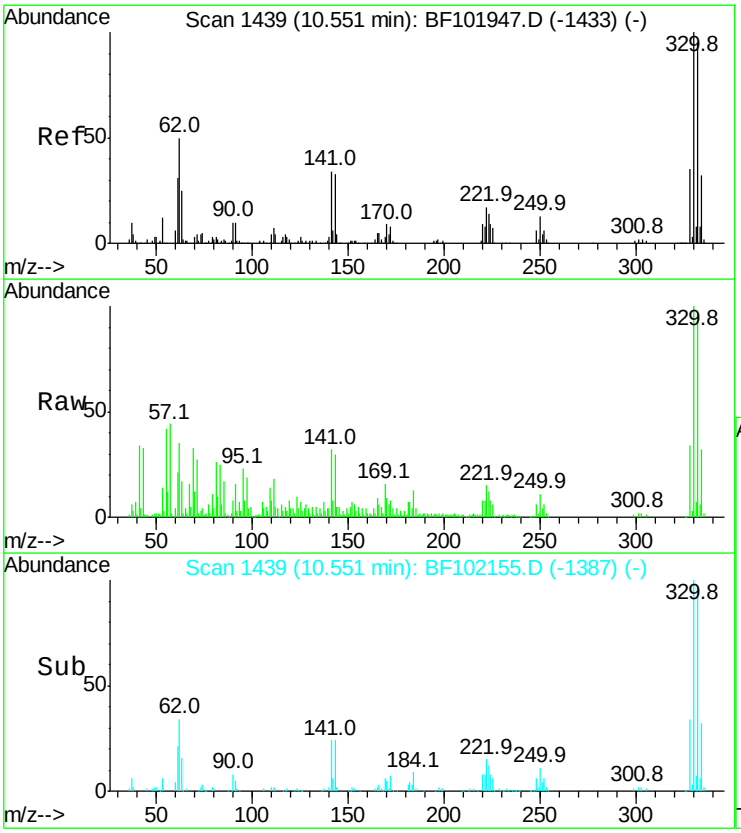
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Instrument :
BNA_F
ClientSampleId :
LTP-2

Tgt Ion:164 Resp: 170539

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.2	38.3	57.5

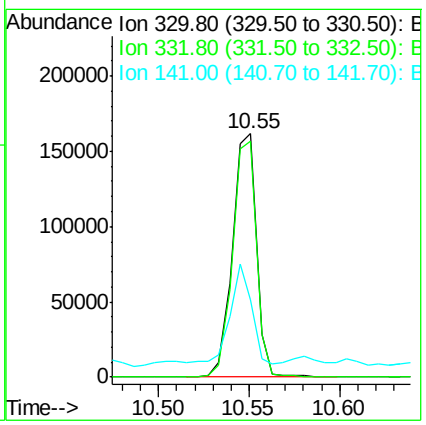


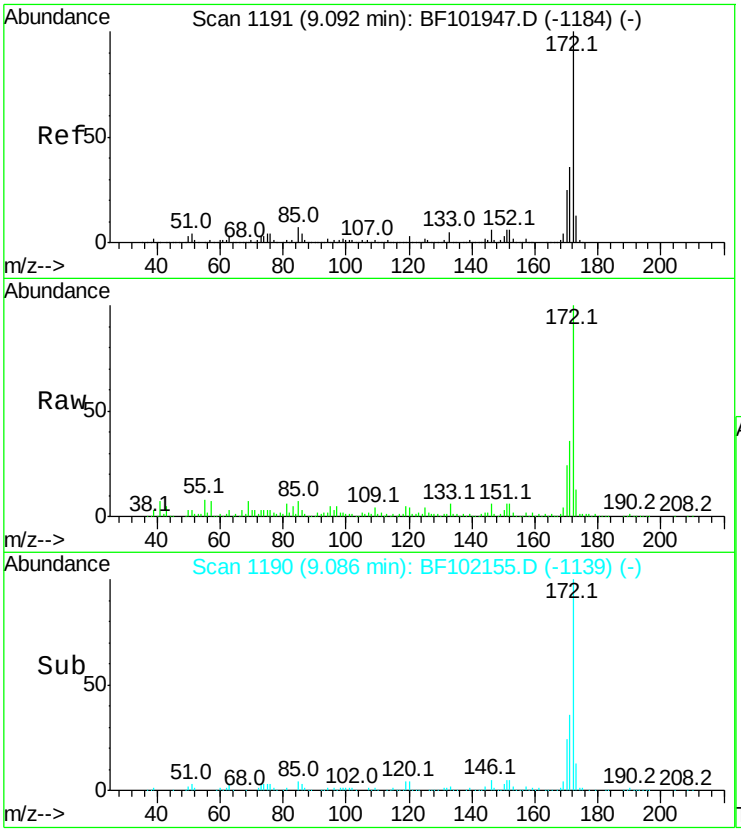


#41
2,4,6-Tribromophenol
Concen: 100.469 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Tgt Ion:330 Resp: 149525

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	36.0	29.9	44.9



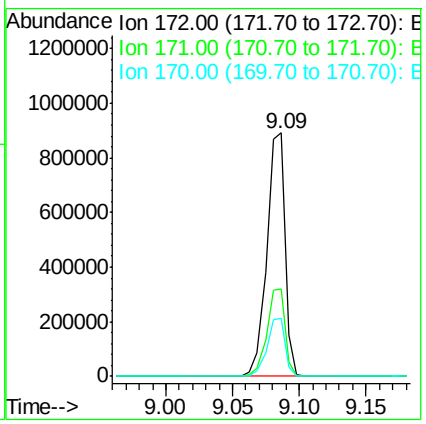


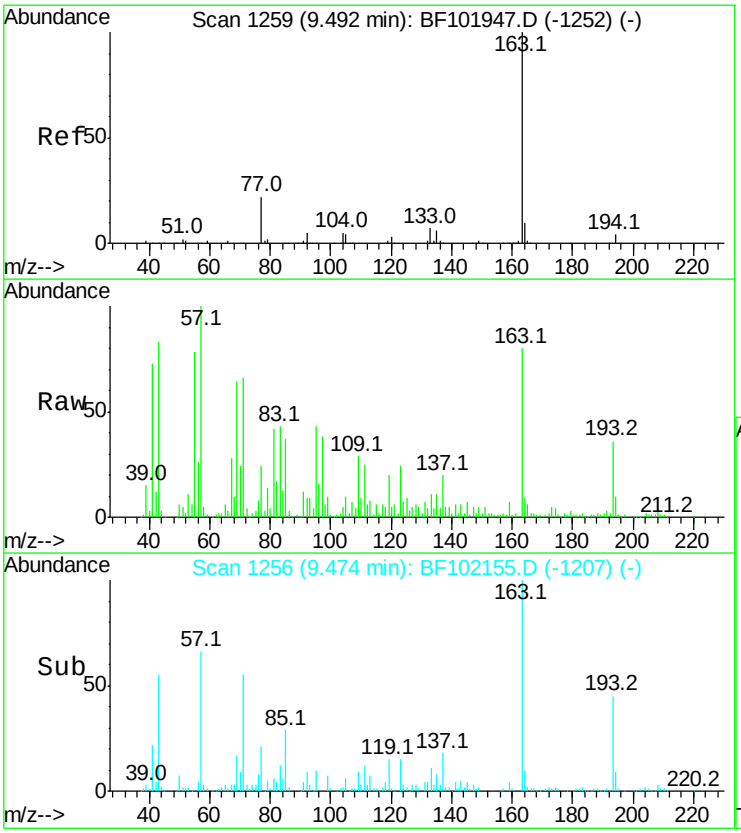
#44
2-Fluorobiphenyl
Concen: 78.081 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Instrument :
BNA_F
ClientSampleId :
LTP-2

Tgt Ion:172 Resp: 852337

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4

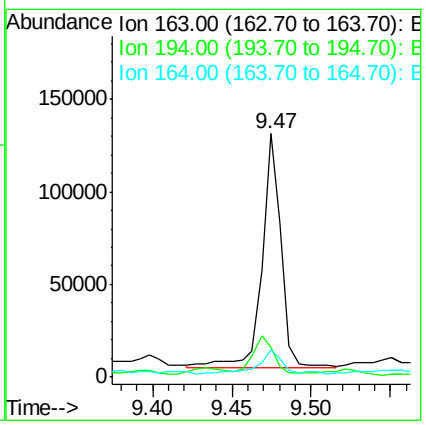


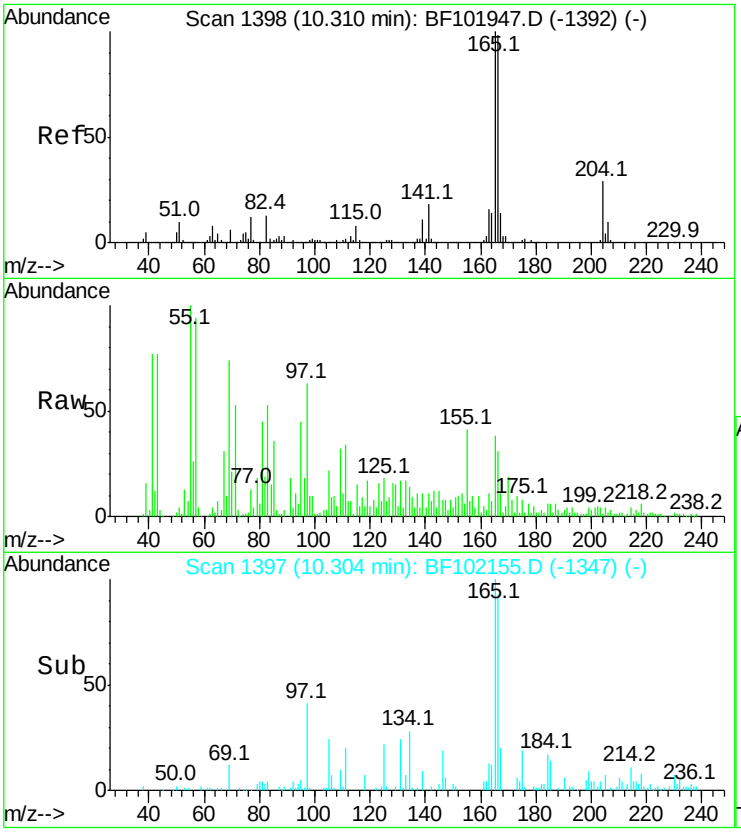


#49
Dimethylphthalate
Concen: 7.700 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Tgt Ion:163 Resp: 105344

Ion	Ratio	Lower	Upper
163	100		
194	12.5	2.7	4.1#
164	11.4	8.2	12.2



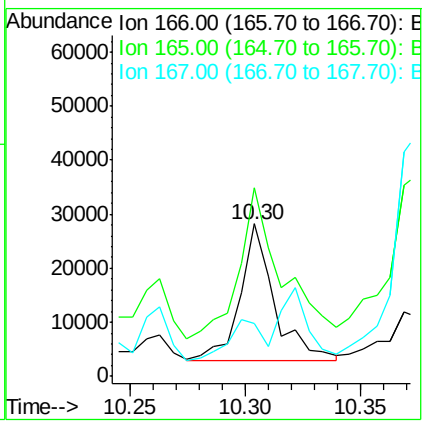


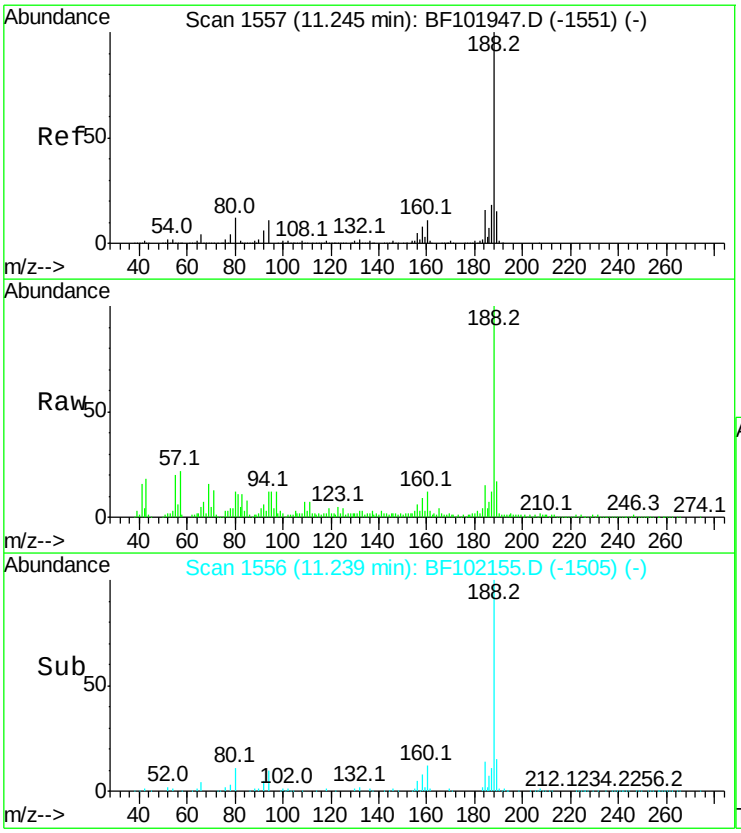
#57
Fluorene
Concen: 2.478 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Instrument :
BNA_F
ClientSampleId :
LTP-2

Tgt Ion:166 Resp: 26472

Ion	Ratio	Lower	Upper
166	100		
165	123.3	79.8	119.8#
167	34.4	10.6	16.0#

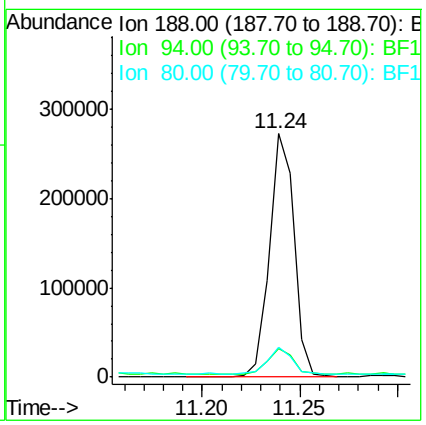


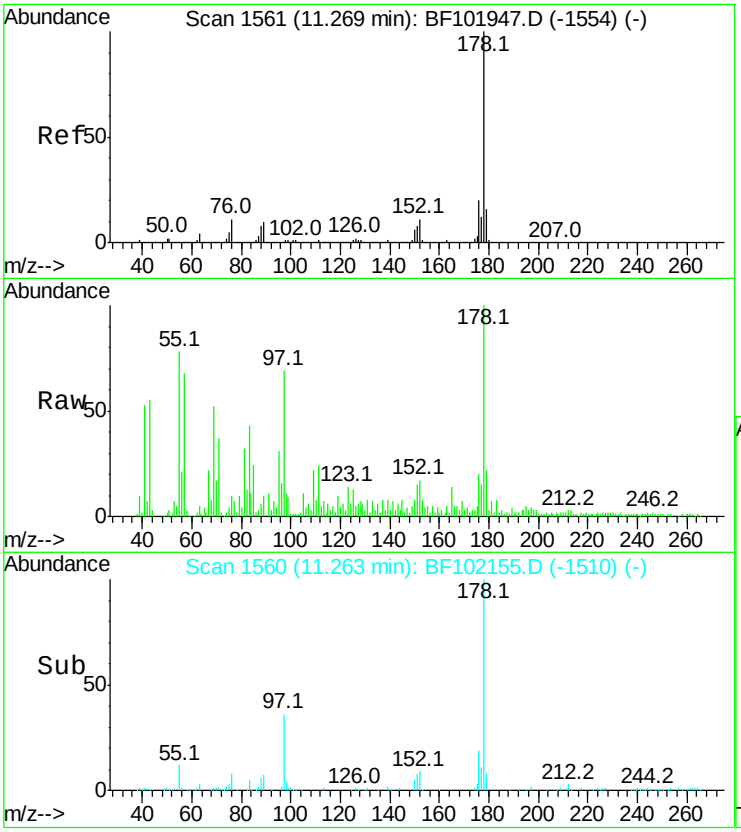


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Tgt Ion:188 Resp: 236470

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.3	9.2	13.8



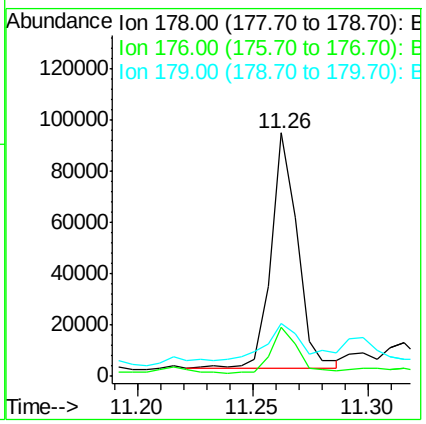


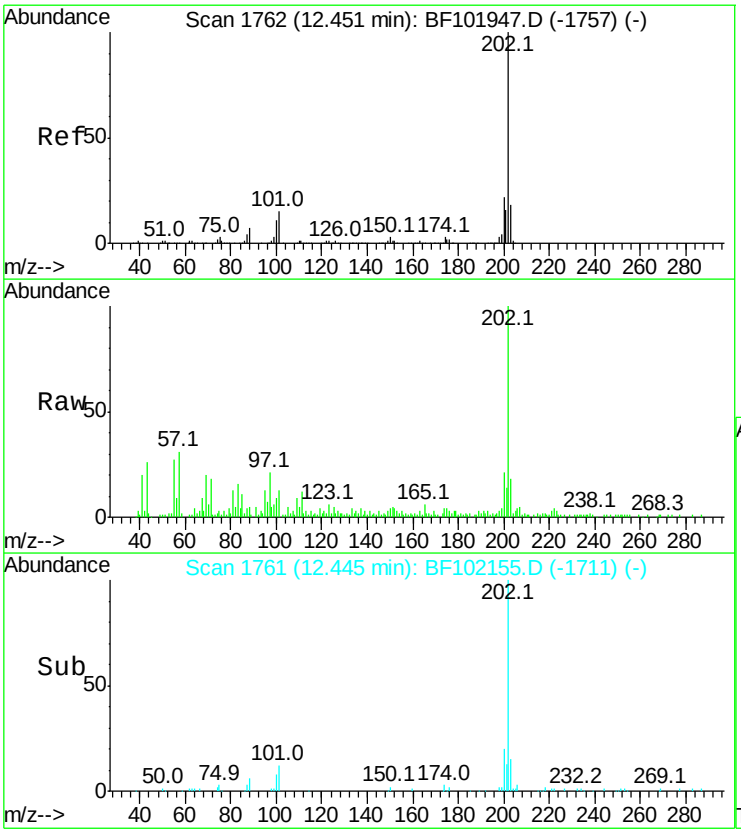
#70
Phenanthrene
Concen: 5.282 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Instrument :
BNA_F
ClientSampleId :
LTP-2

Tgt Ion:178 Resp: 72964

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	21.7	13.0	19.6#

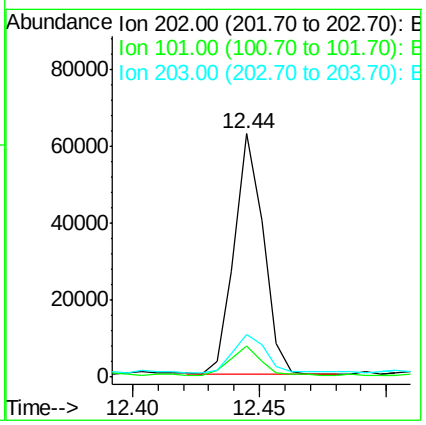


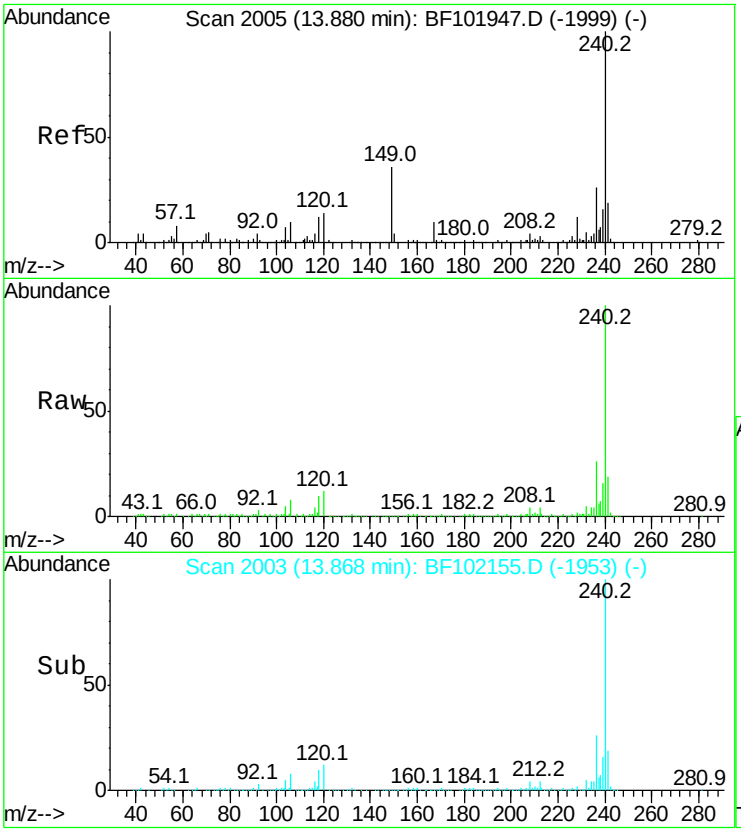


#74
Fluoranthene
Concen: 3.705 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Tgt Ion:202 Resp: 50349

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.6	0.0	38.1



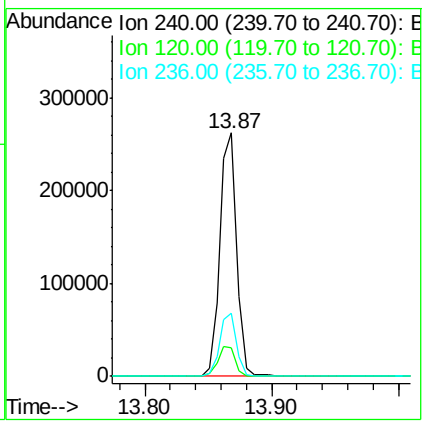


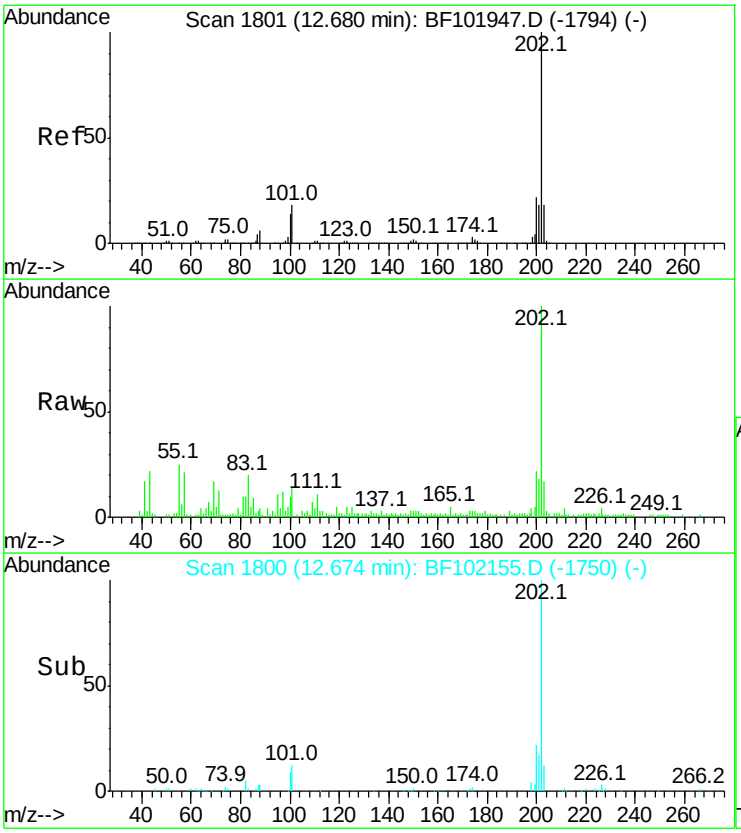
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Instrument :
BNA_F
ClientSampleId :
LTP-2

Tgt Ion:240 Resp: 243056

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.0	20.7	31.1

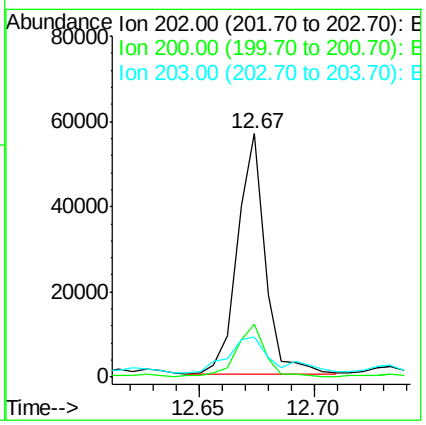


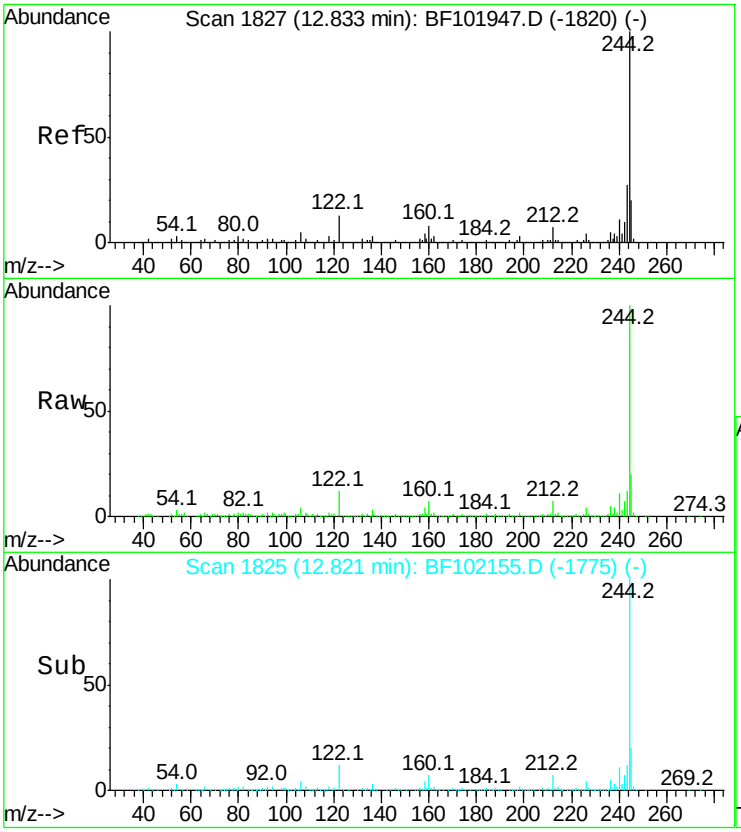


#77
Pyrene
Concen: 2.196 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Tgt Ion:202 Resp: 47173

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	16.6	14.3	21.5



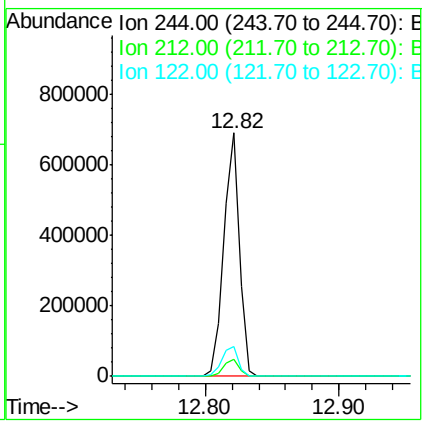


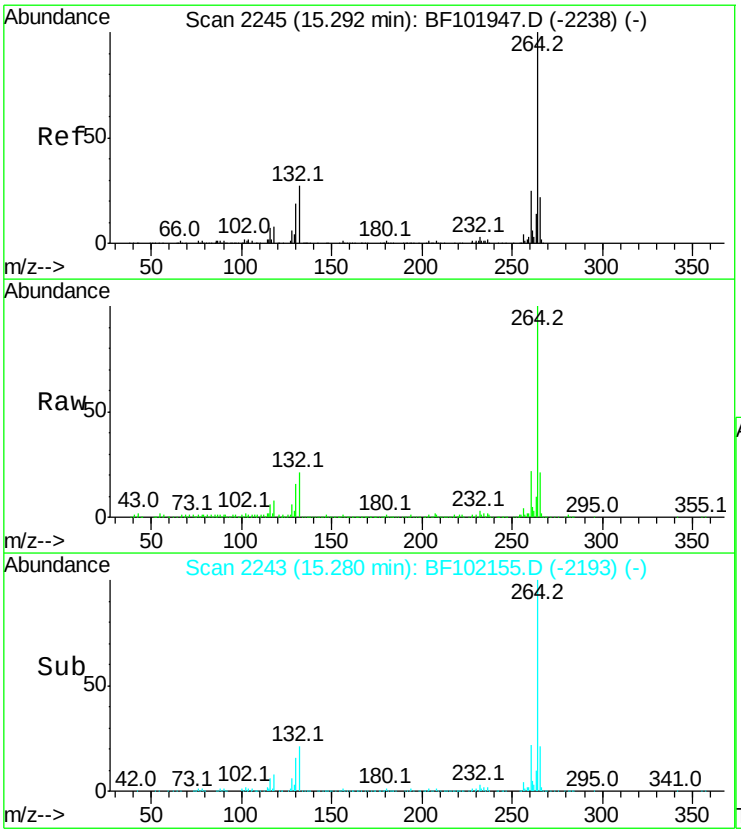
#78
Terphenyl-d14
Concen: 49.072 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Instrument : BNA_F
ClientSampleId : LTP-2

Tgt Ion:244 Resp: 574455

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102155.D
Acq: 17 Jan 2018 17:39

Tgt Ion:264 Resp: 277817

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.8	17.5	26.3