Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251588

Quant Time: Jan 05 13:09:55 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	108411	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	361053	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	134908	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	249908	20.00	ng		-0.01
75) Chrysene-d12	13.96	240	272349	20.00	ng		-0.02
86) Perylene-d12	15.43	264	214888	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	840044	115.42	ng		0.00
7) Phenol-d6	6.42	99	912503	100.74	ng		-0.01
23) Nitrobenzene-d5	7.35	82	514456	79.32	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	120046	92.35	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	689915	79.33	ng		-0.02
78) Terphenyl-d14	12.88	244	713665	63.17	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.45	94	36067	3.494	ng	#	38
18) Hexachloroethane	7.30	117	11587	3.777	ng	#	1
32) Benzoic acid	7.90	122	744	8.137	ng	#	1
37) 2-Methylnaphthalene	8.77	142	41852	3.534	ng		94
49) Dimethylphthalate	9.53	163	86432	7.965	ng		98
53) 2,4-Dinitrophenol	10.01	184	128	10.465	ng	#	1
66) 4-Bromophenyl-phenylether	10.61	248	8305	2.958	ng	#	1
74) Fluoranthene	12.53	202	55439	3.800	ng		97
77) Pyrene	12.76	202	71426	3.494	ng		97
80) Benzo(a)anthracene	13.99	228	42574	2.367	ng		93
82) Chrysene	13.99	228	42574	2.507	ng		97
87) Benzo(b)fluoranthene	15.01	252	67766	5.174	ng	#	88
88) Benzo(k)fluoranthene	15.01	252	67766	5.321	ng	#	91
89) Benzo(a)pyrene	15.37	252	38442	3.184	ng	#	91
91) Benzo(g,h,i)perylene	17.39	276	20759	2.022	ng	#	85

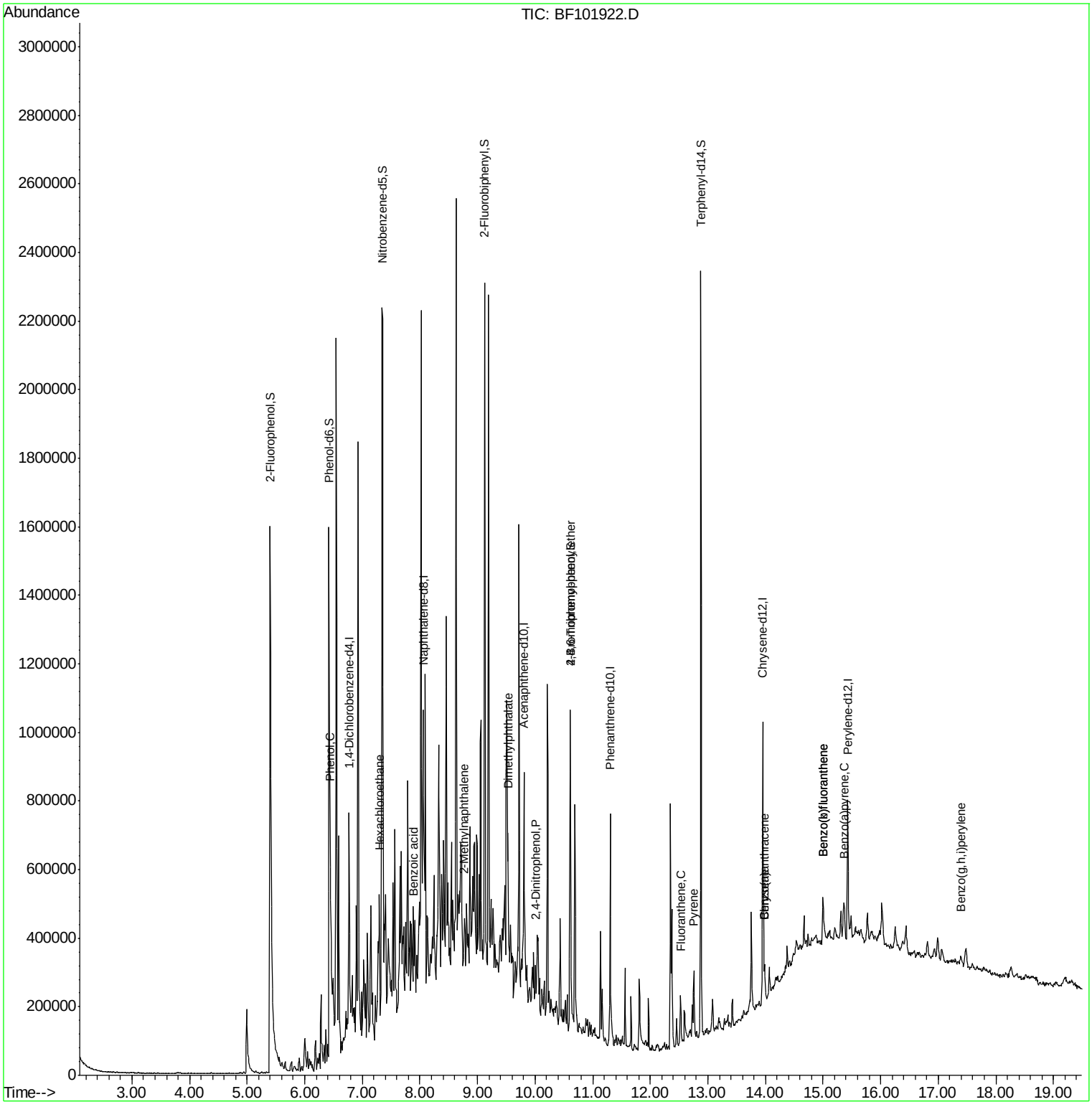
(#) = qualifier out of range (m) = manual integration (+) = signals summed

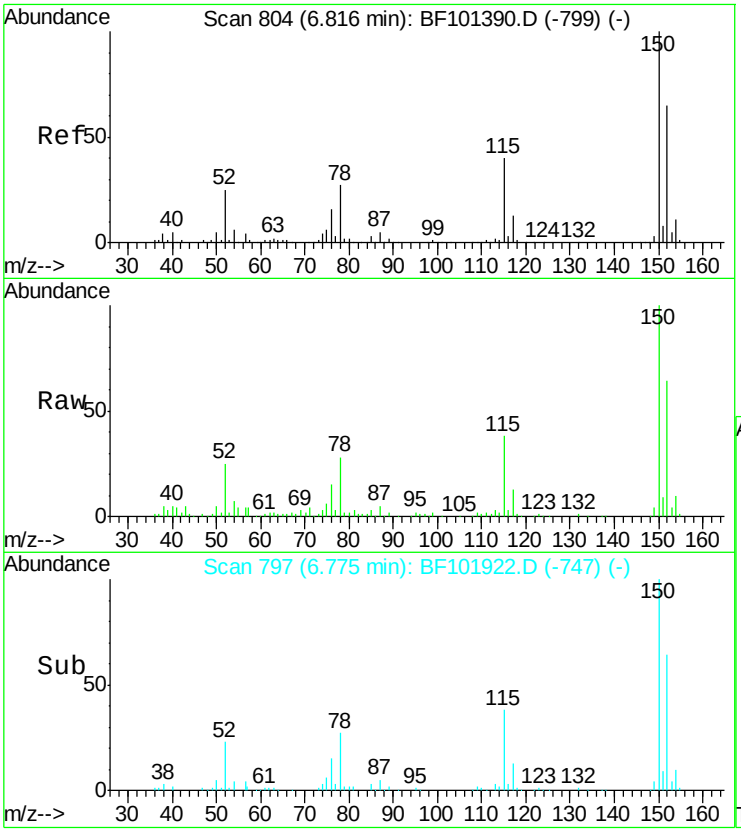
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101922.D
Acq On : 5 Jan 2018 11:52
Operator : SJ/JU
Sample : J1027-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251588

Quant Time: Jan 05 13:09:55 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration



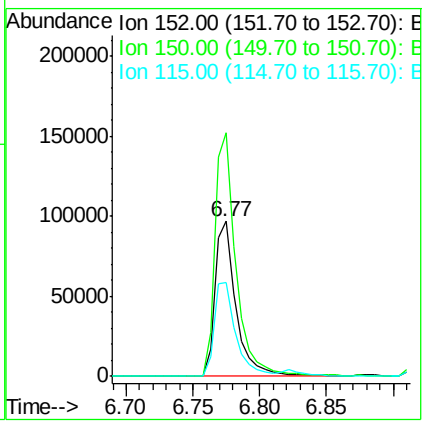


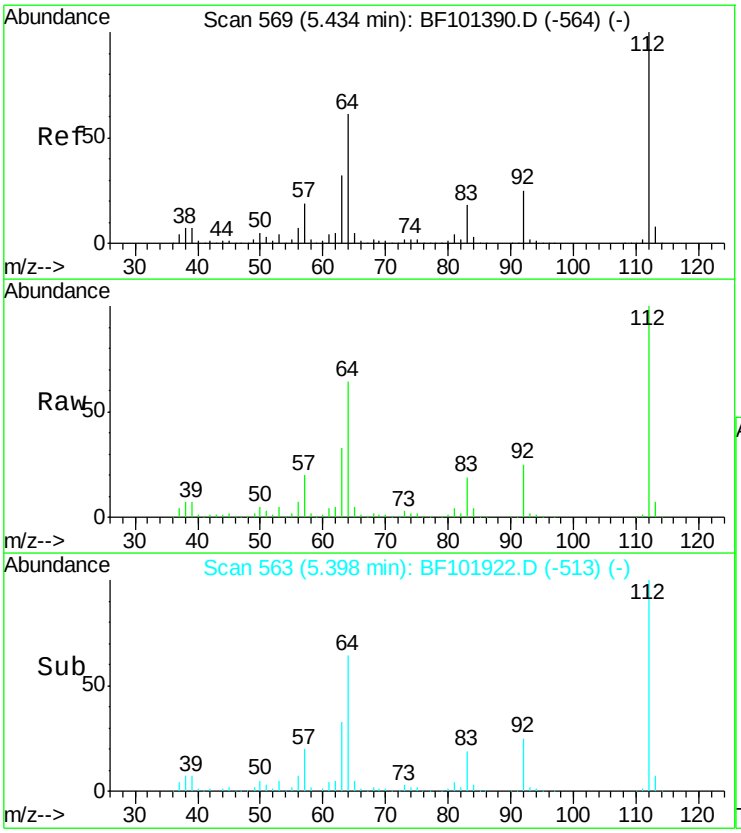
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion:152 Resp: 108411

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.2	50.1	75.1

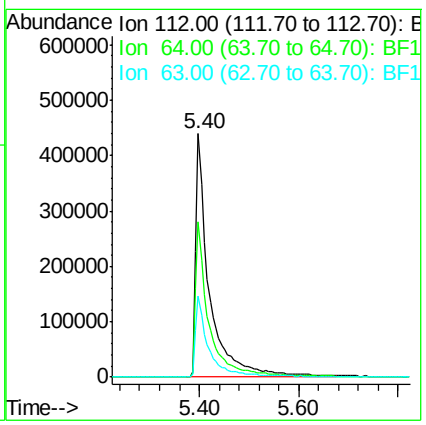


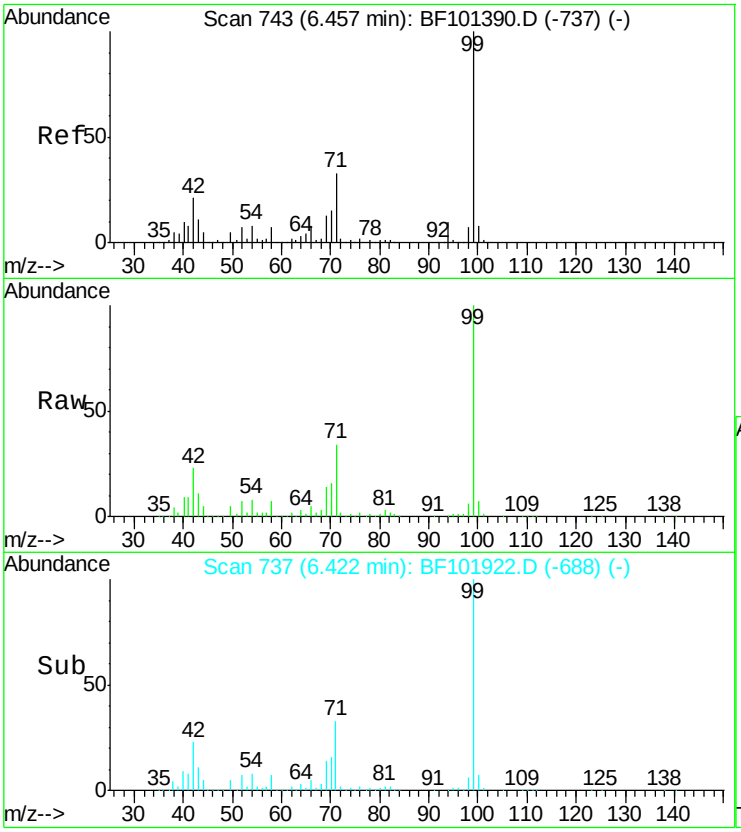


#5
2-Fluorophenol
Concen: 115.423 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion:112 Resp: 840044

Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	33.2	23.7	35.5



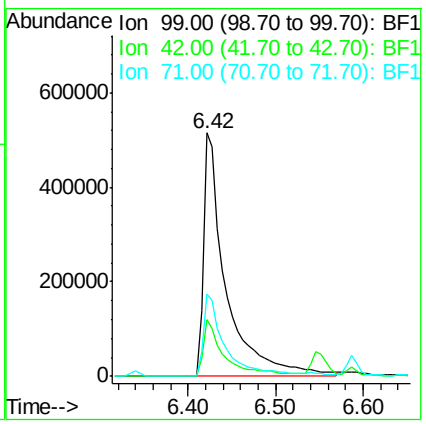


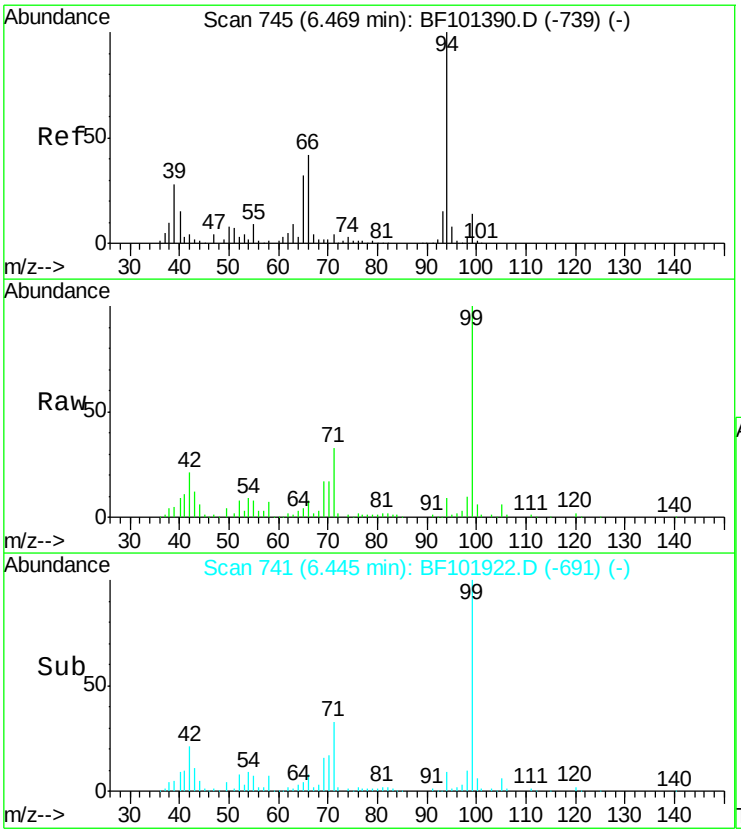
#7
Phenol-d6
Concen: 100.743 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion: 99 Resp: 912503

Ion	Ratio	Lower	Upper
99	100		
42	23.1	14.5	21.7#
71	33.6	25.4	38.0

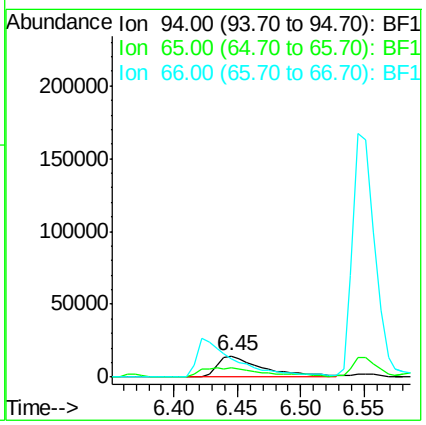


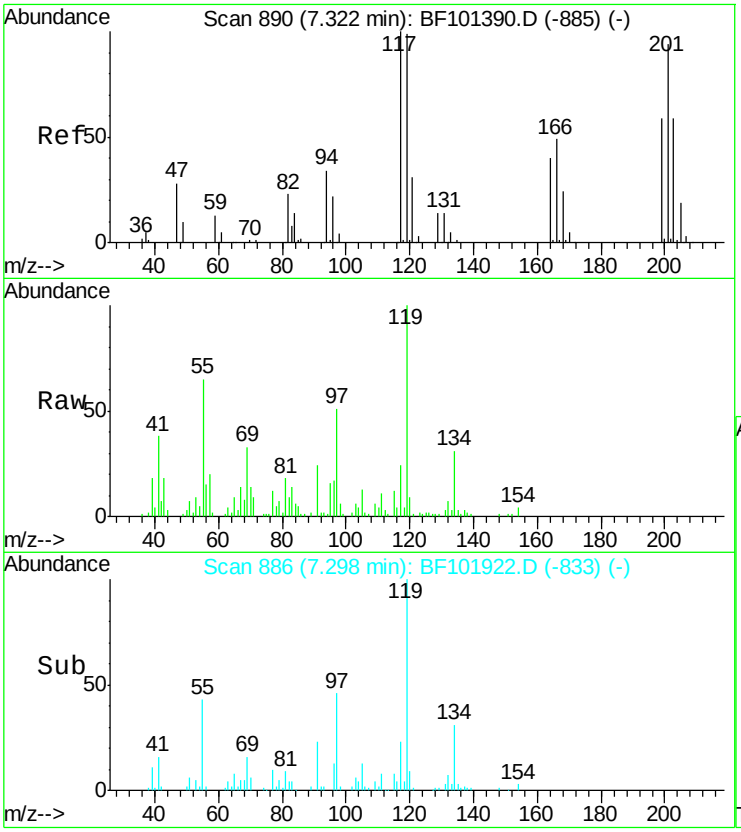


#10
Phenol
Concen: 3.494 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion: 94 Resp: 36067

Ion	Ratio	Lower	Upper
94	100		
65	44.3	7.9	47.9
66	86.8	16.2	56.2#



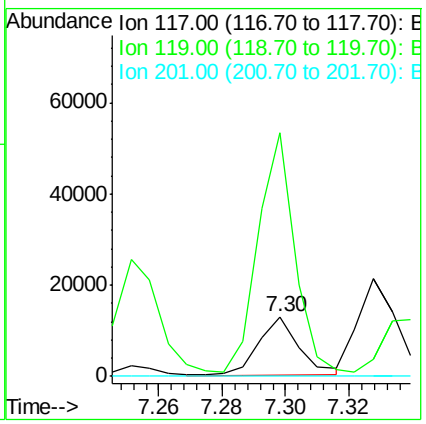


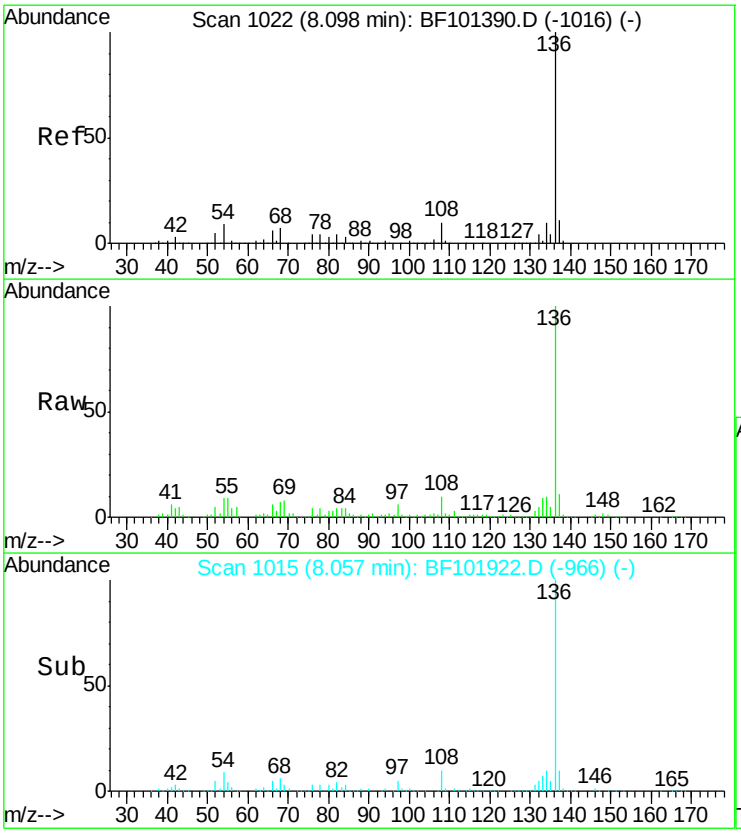
#18
Hexachloroethane
Concen: 3.777 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion:117 Resp: 11587

Ion	Ratio	Lower	Upper
117	100		
119	410.8	75.8	113.8#
201	0.0	75.7	113.5#

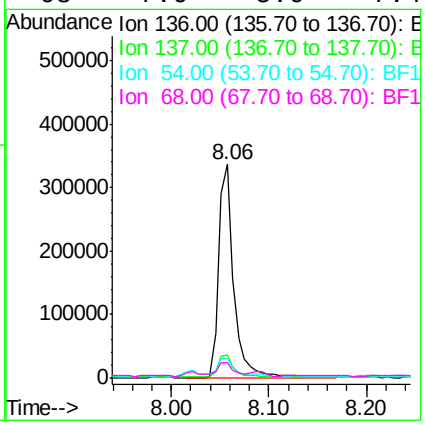


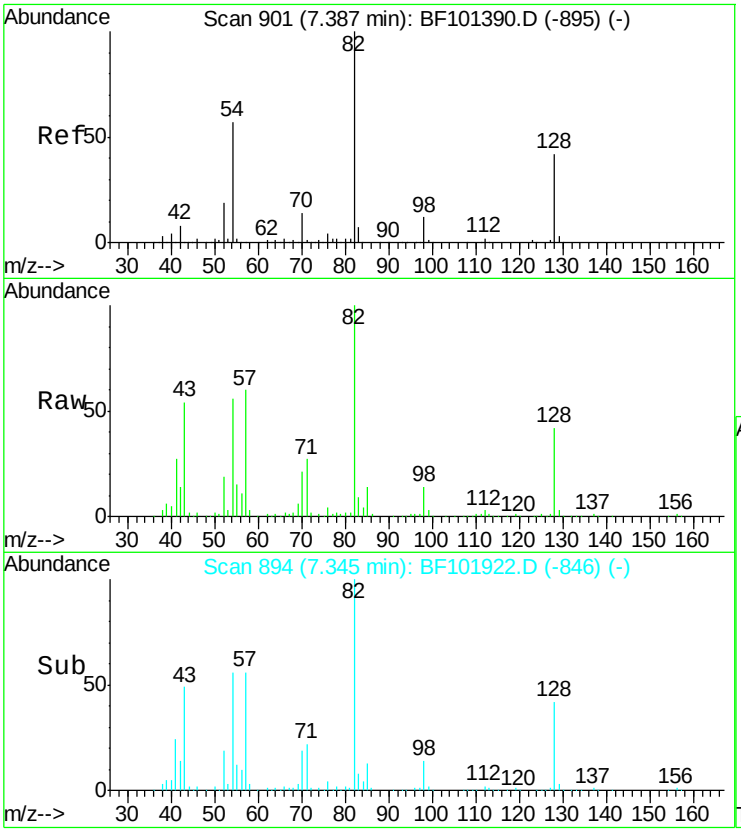


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion:136 Resp: 361053

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	6.6	9.8
68	7.0	5.0	7.4



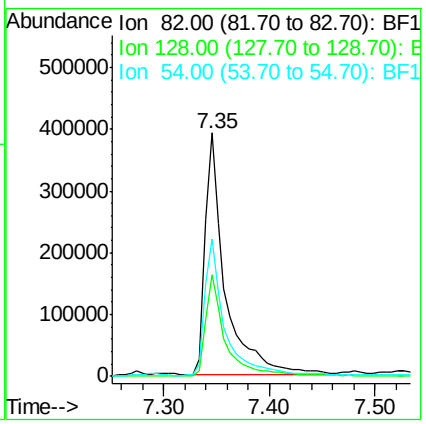


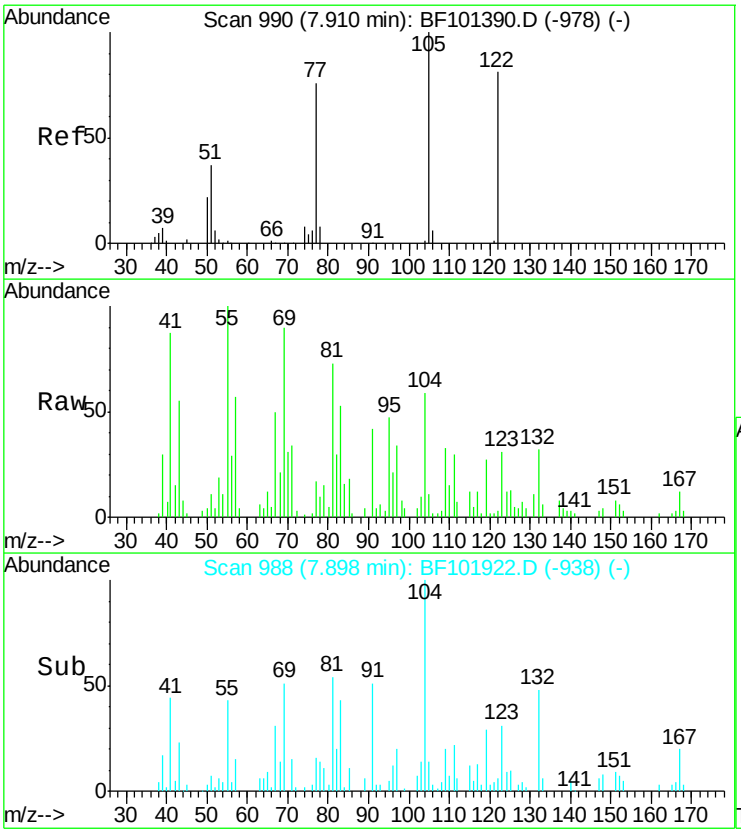
#23
Nitrobenzene-d5
Concen: 79.317 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion: 82 Resp: 514456

Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	56.3	41.4	62.2

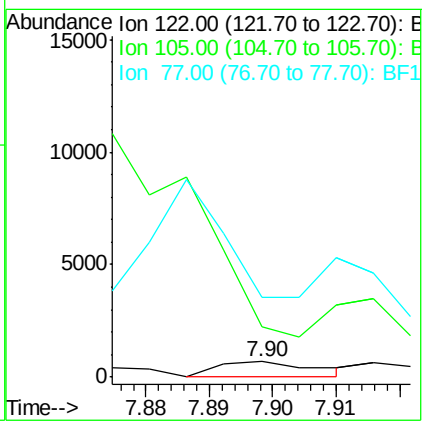


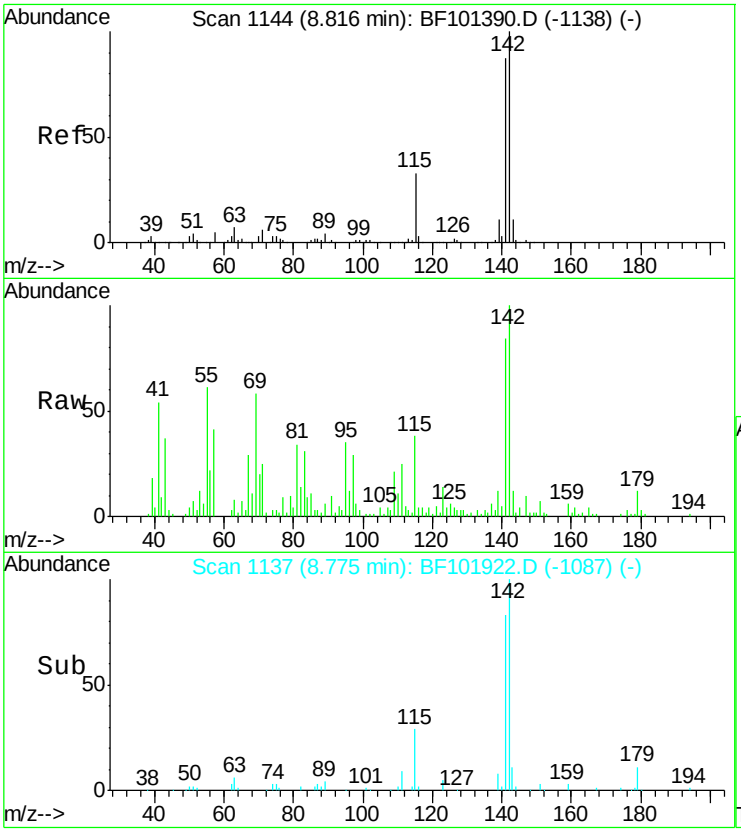


#32
Benzoic acid
Concen: 8.137 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion:122 Resp: 744

Ion	Ratio	Lower	Upper
122	100		
105	326.7	101.1	141.1#
77	510.4	70.7	110.7#



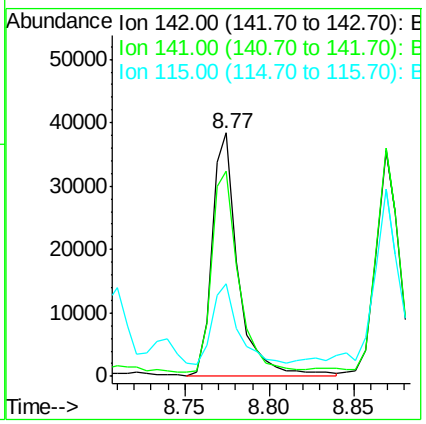


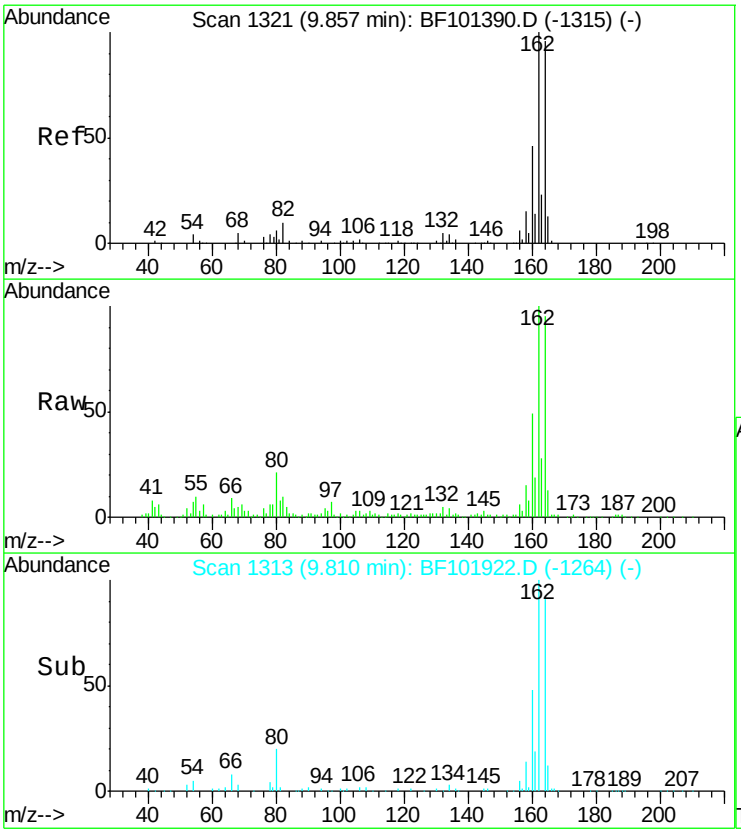
#37
2-Methylnaphthalene
Concen: 3.534 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion:142 Resp: 41852

Ion	Ratio	Lower	Upper
142	100		
141	84.4	70.8	106.2
115	38.2	26.1	39.1

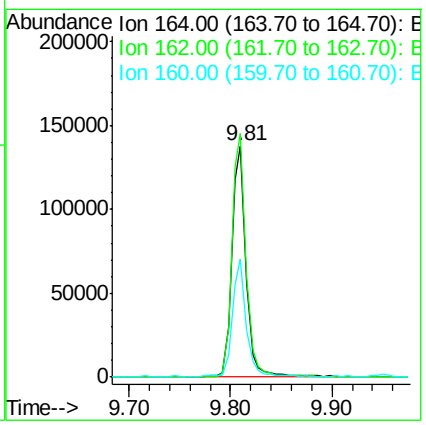


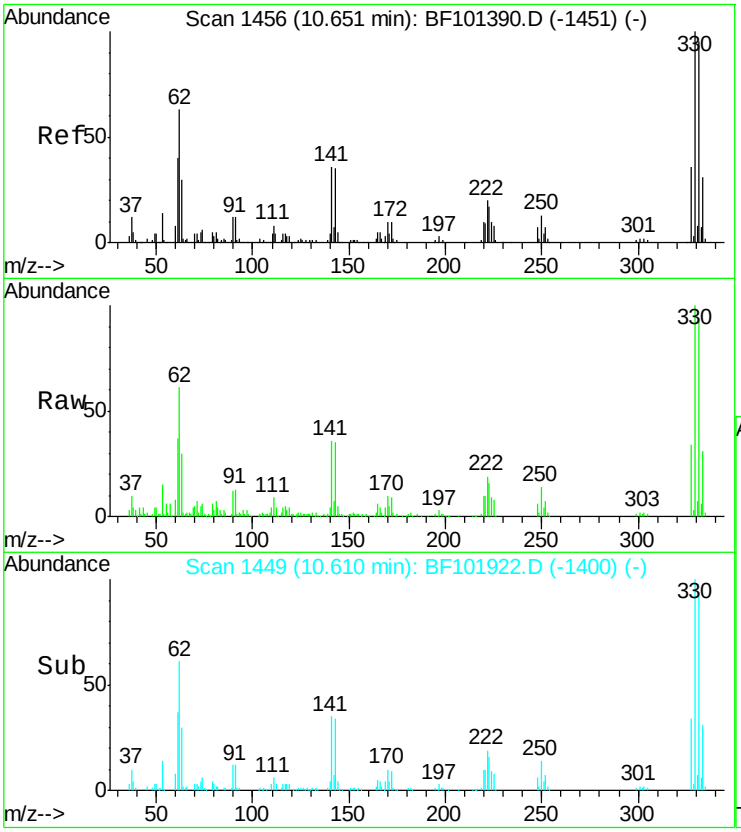


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion:164 Resp: 134908

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	51.2	38.3	57.5



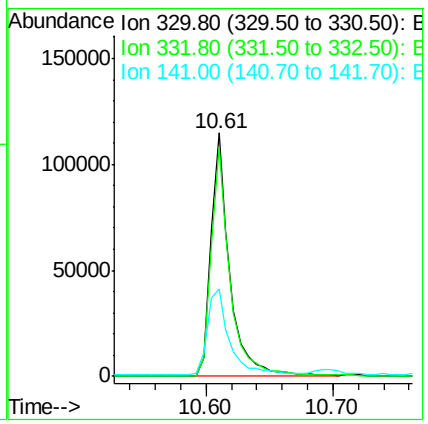


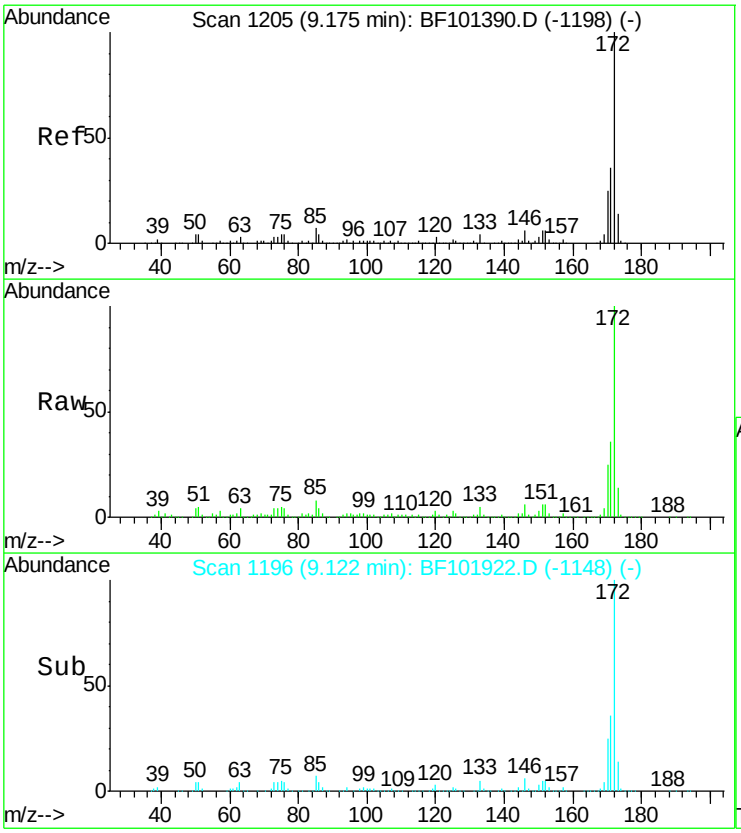
#41
2,4,6-Tribromophenol
Concen: 92.347 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion:330 Resp: 120046

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	41.1	29.9	44.9

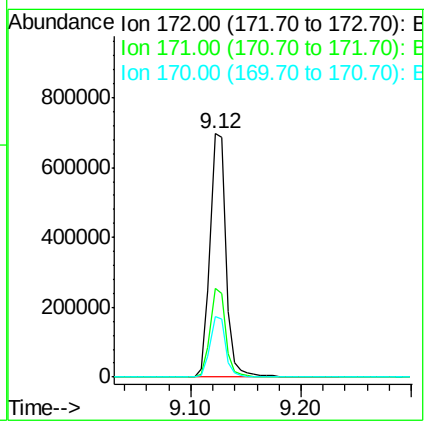


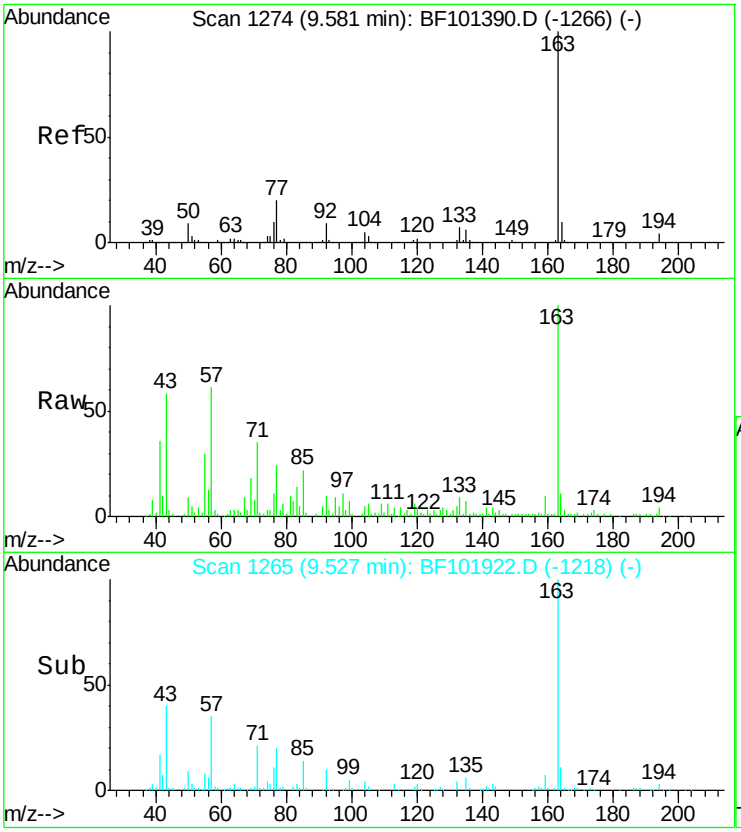


#44
2-Fluorobiphenyl
Concen: 79.330 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion:172 Resp: 689915

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.7	19.6	29.4



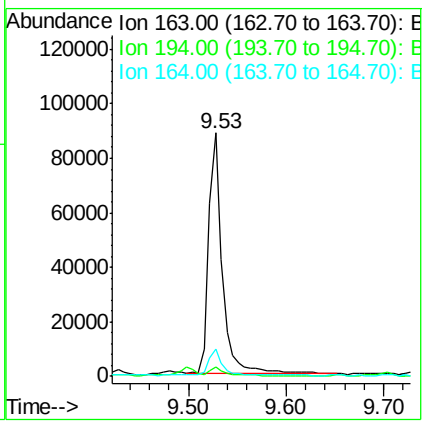


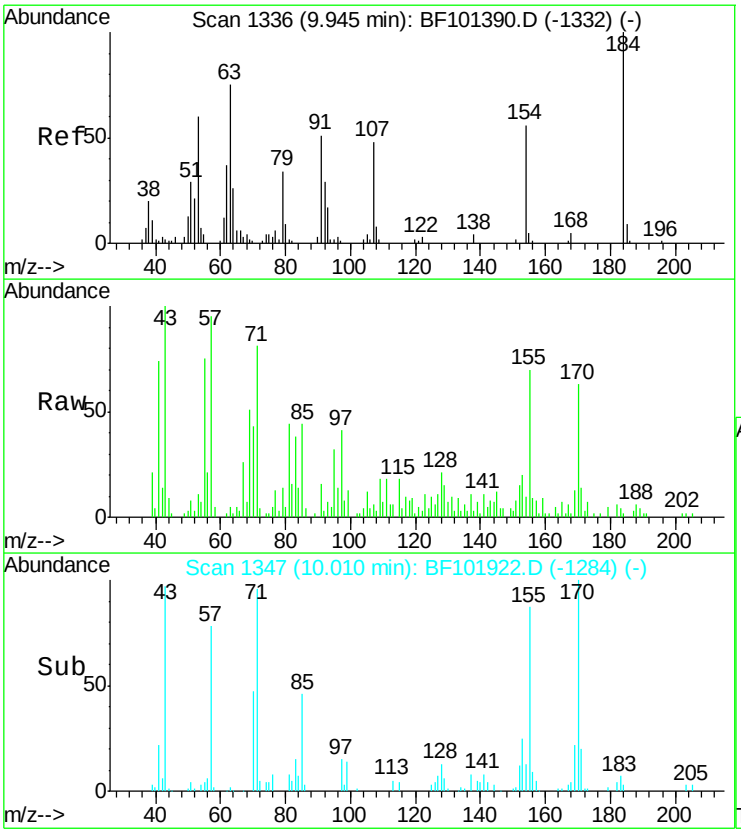
#49
Dimethylphthalate
Concen: 7.965 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion:163 Resp: 86432

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	11.0	8.2	12.2

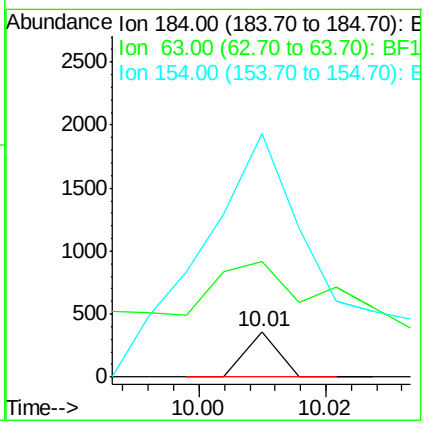


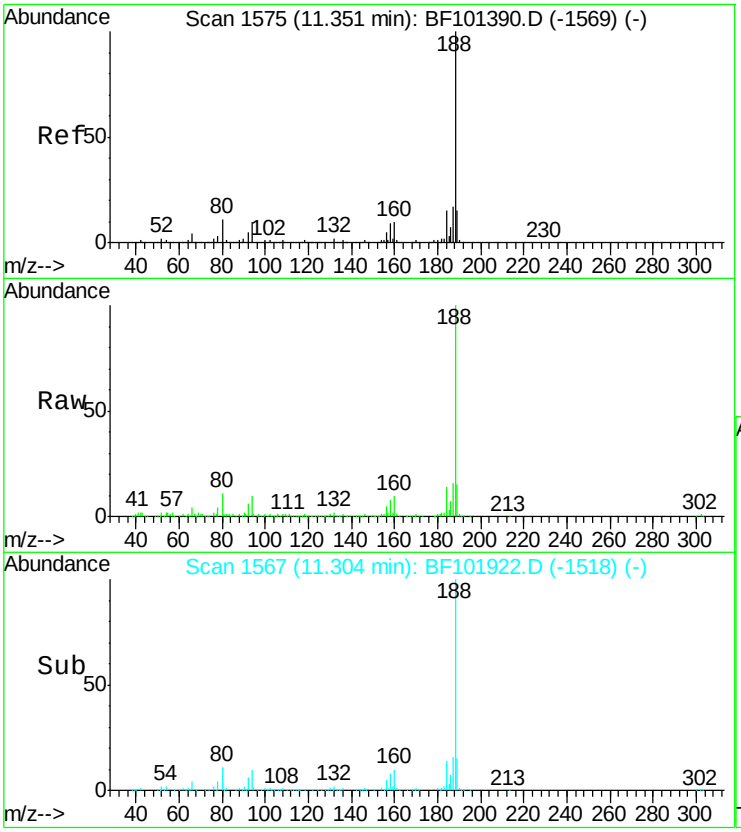


#53
2,4-Dinitrophenol
Concen: 10.465 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.07 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion:184 Resp: 128

Ion	Ratio	Lower	Upper
184	100		
63	252.2	54.2	81.2#
154	533.7	184.0	276.0#



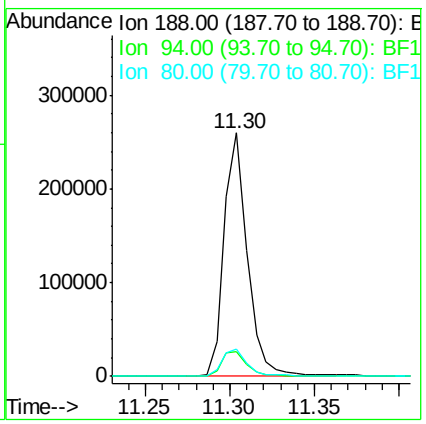


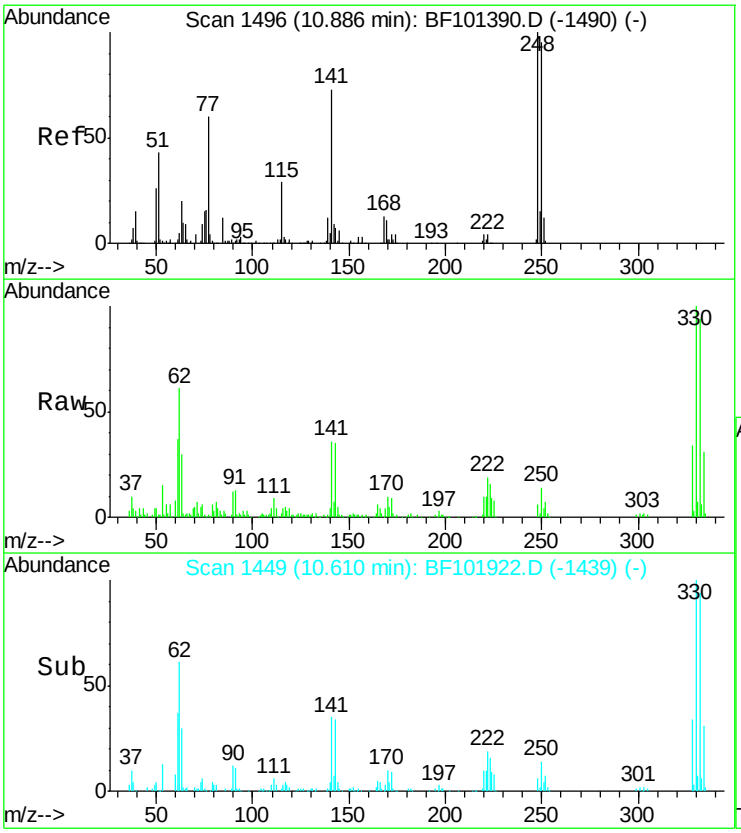
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion:188 Resp: 249908

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.2	9.2	13.8

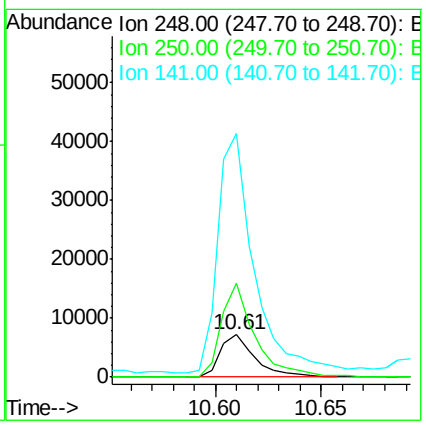


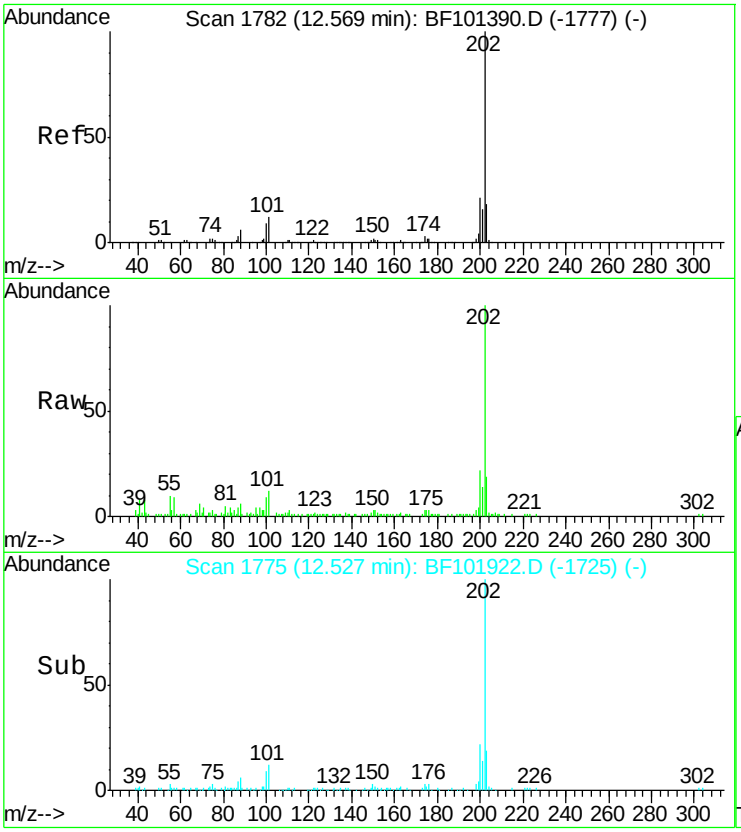


#66
4-Bromophenyl-phenylether
Concen: 2.958 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion:248 Resp: 8305

Ion	Ratio	Lower	Upper
248	100		
250	220.7	76.9	115.3#
141	575.9	74.4	111.6#



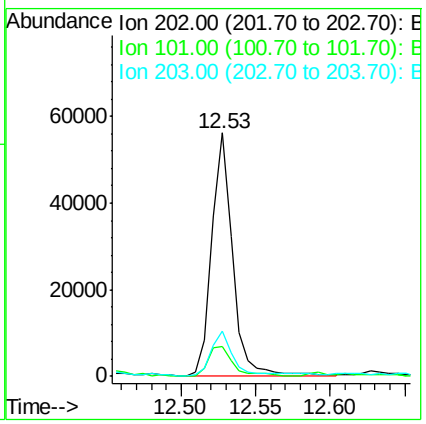


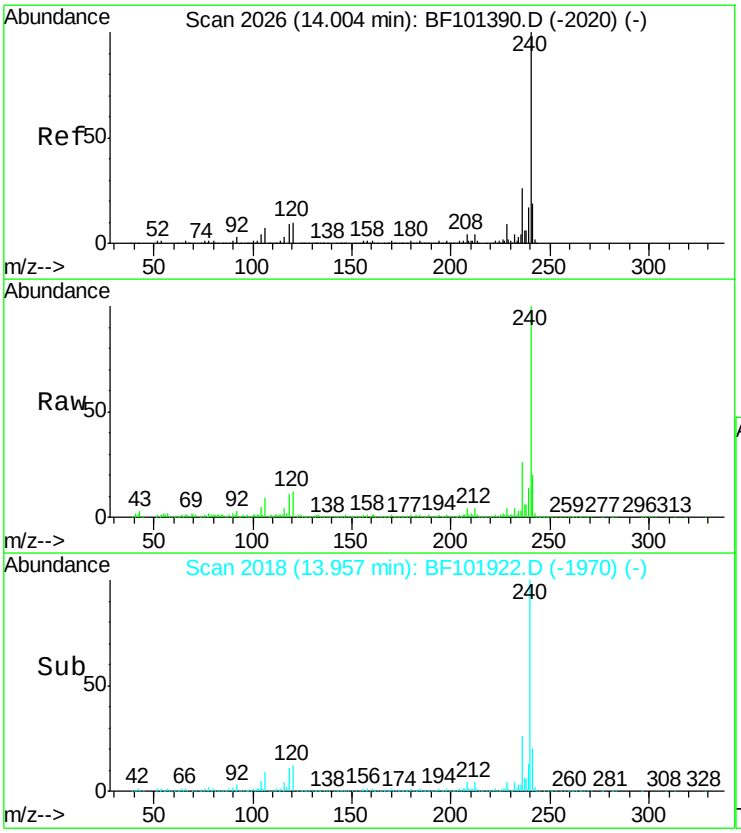
#74
Fluoranthene
Concen: 3.800 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion:202 Resp: 55439

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	18.7	0.0	38.1

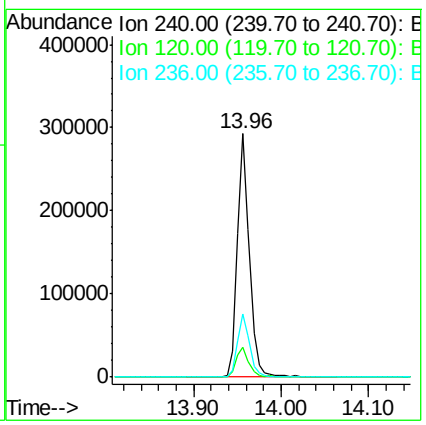


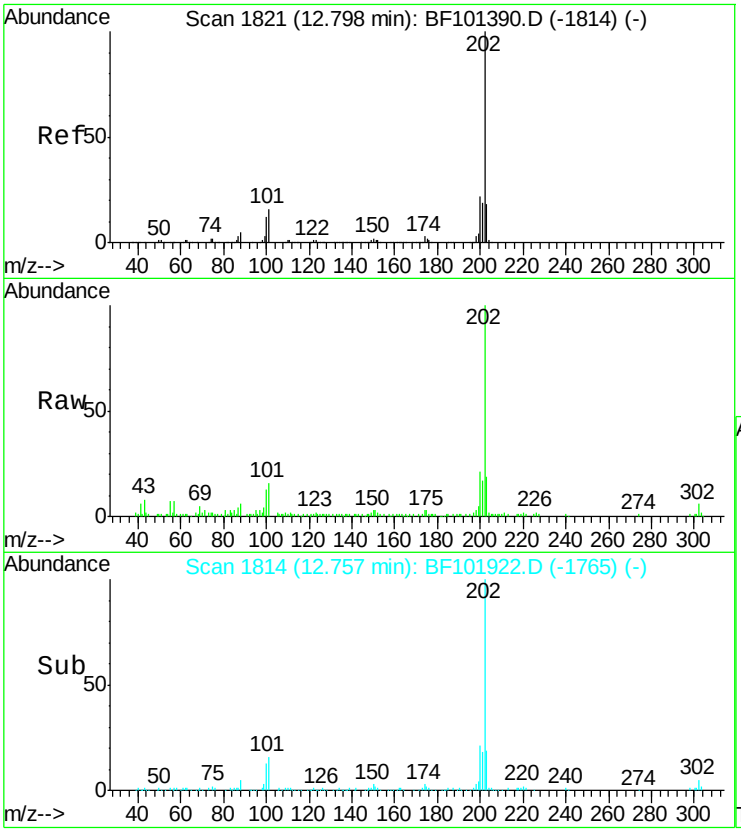


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion:240 Resp: 272349

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	26.0	20.7	31.1



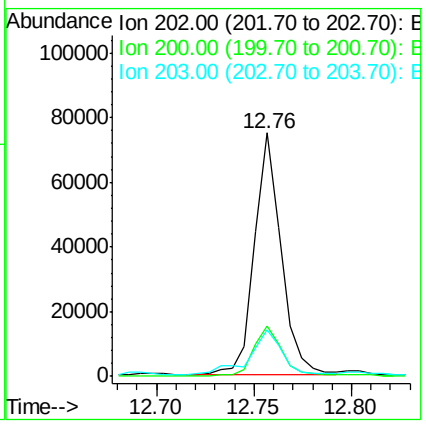


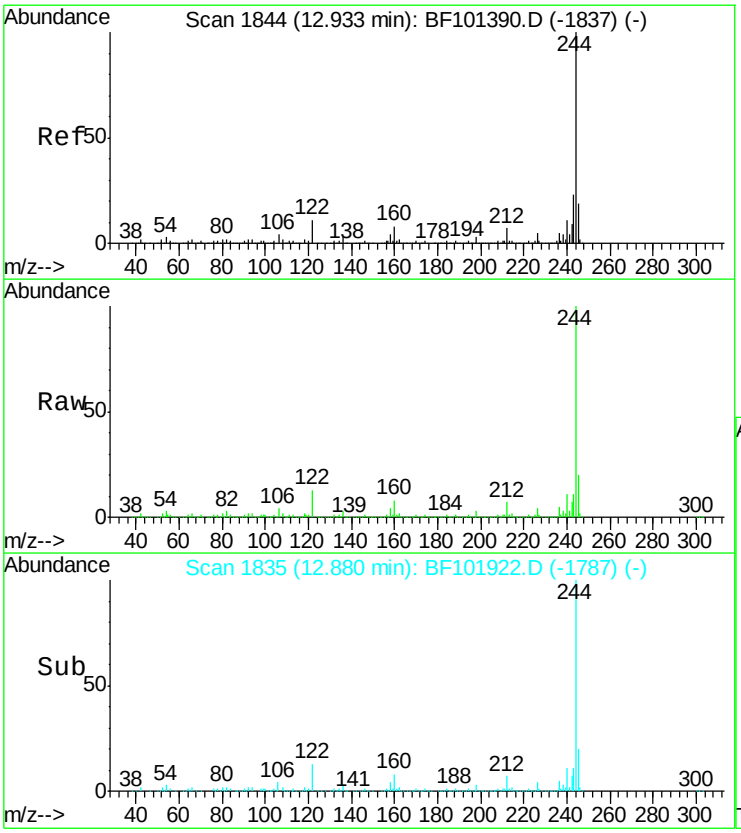
#77
Pyrene
Concen: 3.494 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion:202 Resp: 71426

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	19.2	14.3	21.5

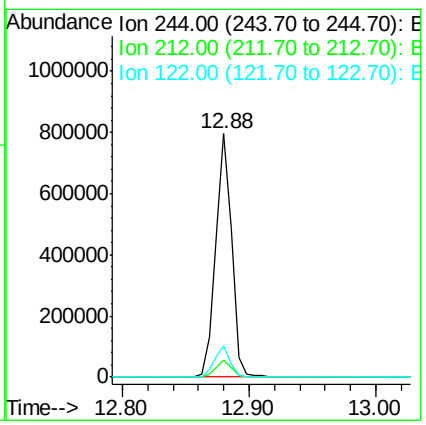


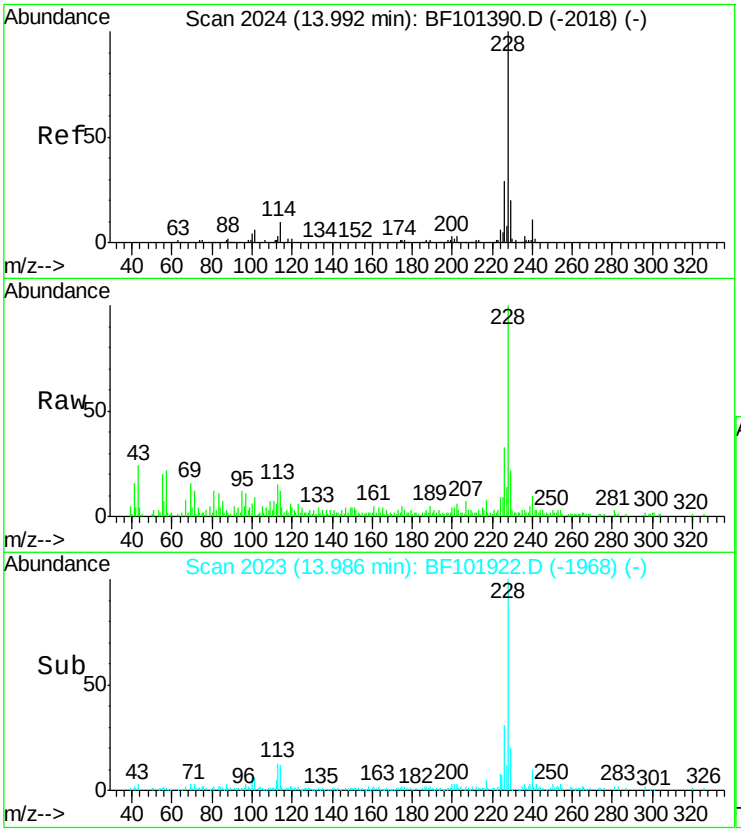


#78
Terphenyl-d14
Concen: 63.172 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion:244 Resp: 713665

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.8	11.0	16.4



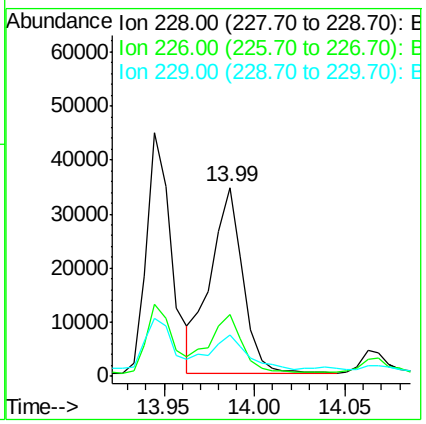


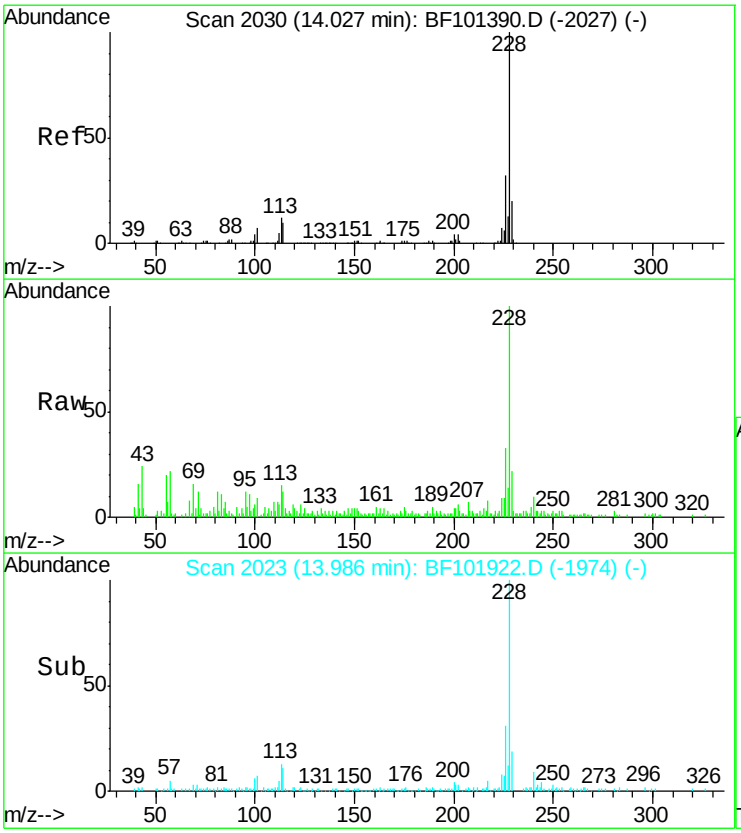
#80
Benzo(a)anthracene
Concen: 2.367 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.02 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion:228 Resp: 42574

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	21.8	15.8	23.6

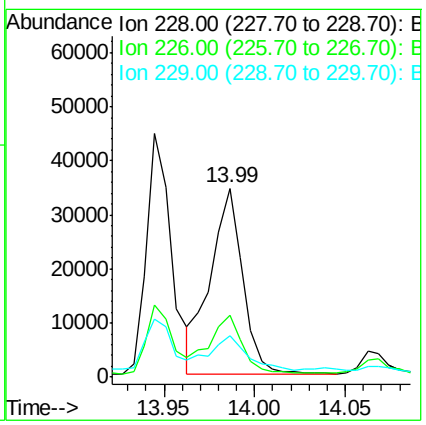


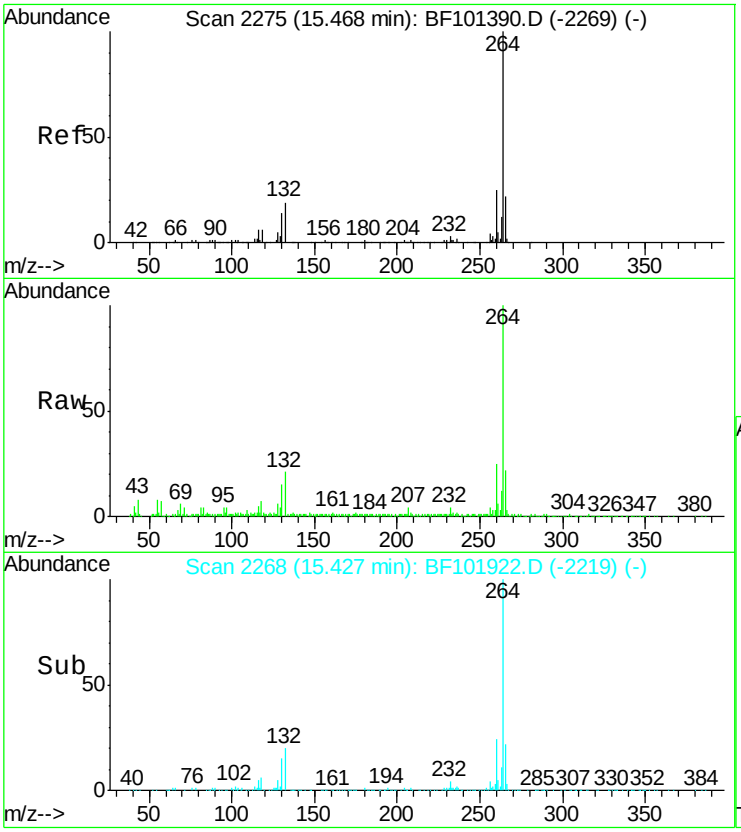


#82
Chrysene
Concen: 2.507 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion:228 Resp: 42574

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	21.8	16.2	24.4



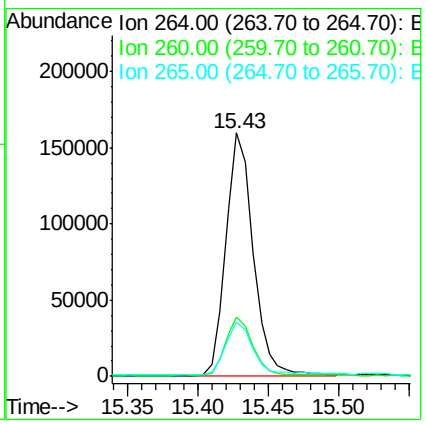


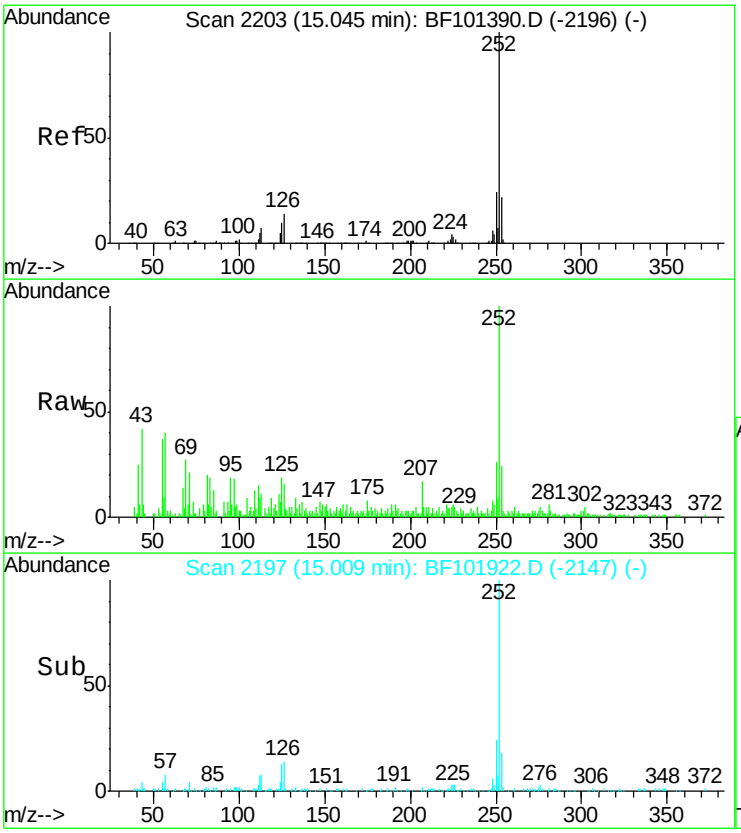
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion:264 Resp: 214888

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.3	17.5	26.3

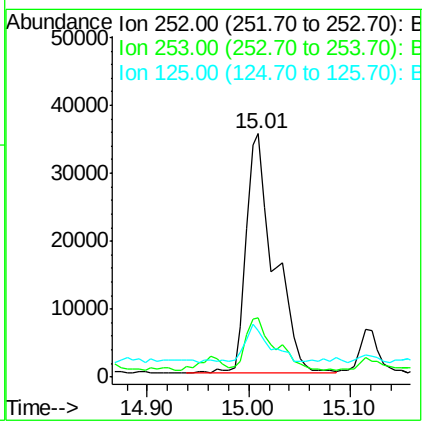


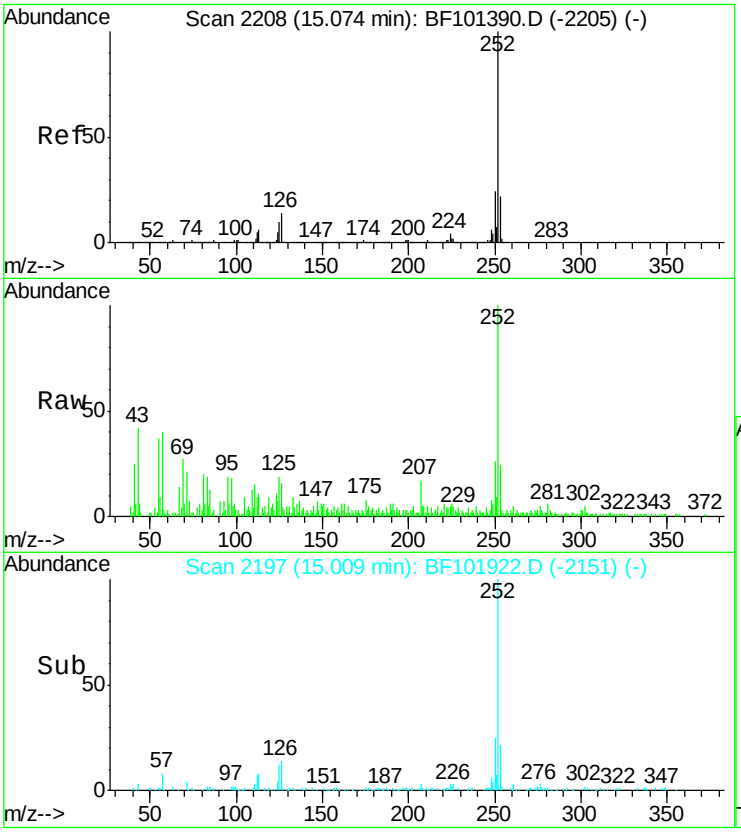


#87
Benzo(b)fluoranthene
Concen: 5.174 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion:252 Resp: 67766

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	19.3	9.0	13.6#



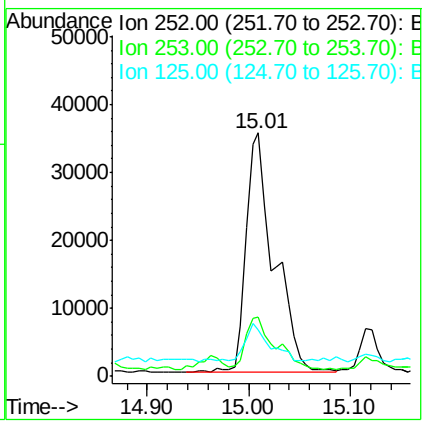


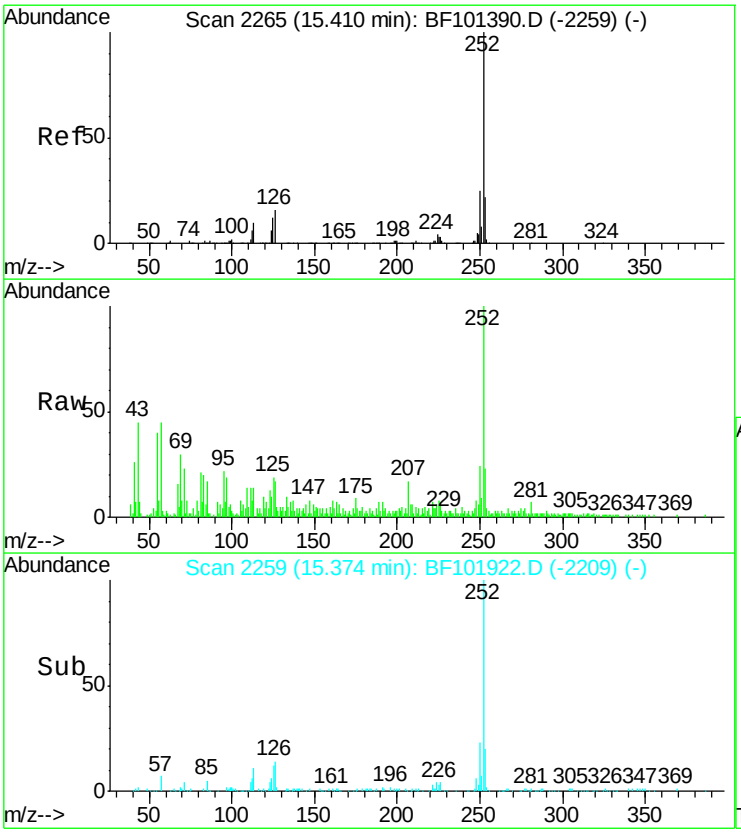
#88
Benzo(k)fluoranthene
Concen: 5.321 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion:252 Resp: 67766

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	19.3	10.2	15.2#

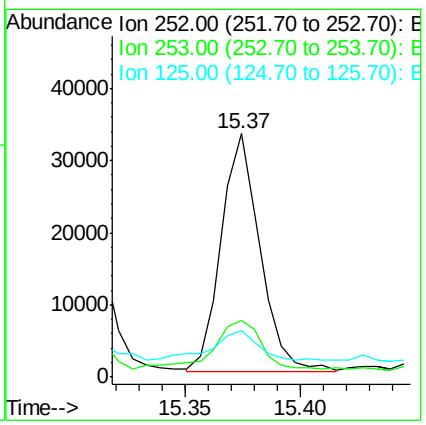


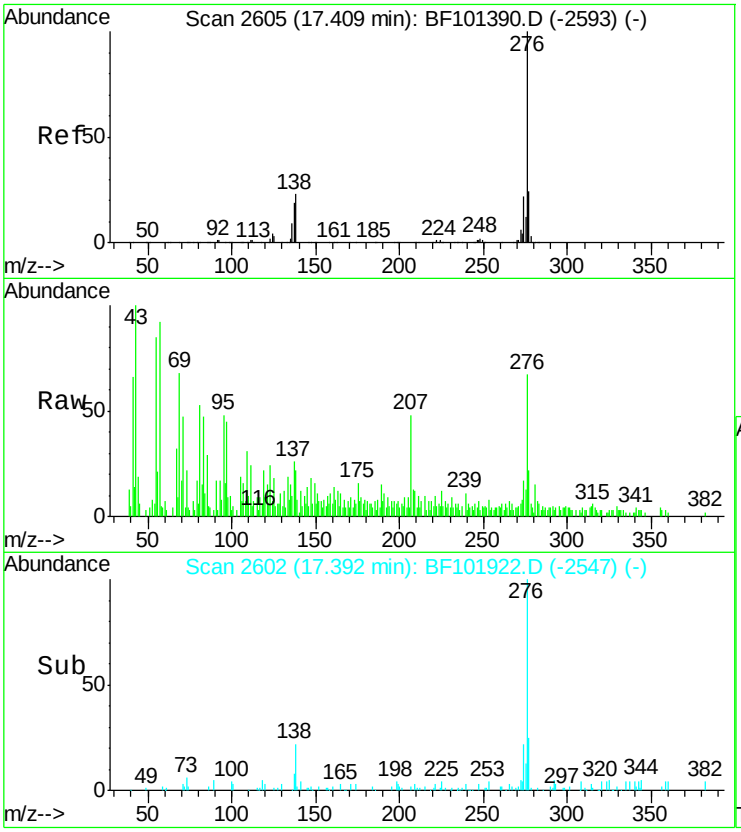


#89
Benzo(a)pyrene
Concen: 3.184 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Tgt Ion:252 Resp: 38442

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	19.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.022 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.02 min
Lab File: BF101922.D
Acq: 5 Jan 2018 11:52

Instrument :
BNA_F
ClientSampleId :
RBR251588

Tgt Ion:276 Resp: 20759

Ion	Ratio	Lower	Upper
276	100		
277	32.2	17.9	26.9#
138	33.2	21.8	32.8#