Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
Data File : BF104383.D
Acq On : 9 Apr 2018 20:09
Operator : JU/SJ
Sample : J2158-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 10 01:18:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146970	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	574156	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	237839	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	342250	20.00	ng		0.00
75) Chrysene-d12	13.98	240	276431	20.00	ng		0.00
86) Perylene-d12	15.44	264	195791	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	340674	35.44	ng		0.00
7) Phenol-d6	6.43	99	428968	36.32	ng		0.00
23) Nitrobenzene-d5	7.37	82	242726	27.60	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	76819	31.14	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	455406	30.25	ng		0.00
78) Terphenyl-d14	12.93	244	310586	25.62	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	7435	Below Cal			84
25) Isophorone	7.37	82	239939	12.904	ng	#	64
49) Dimethylphthalate	9.56	163	47437	2.529	ng		99
56) 2,4-Dinitrotoluene	9.85	165	33226	7.299	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.67	198	115	7.405	ng	#	1
70) Phenanthrene	11.36	178	58758	3.083	ng		98
74) Fluoranthene	12.55	202	122246	6.139	ng		97
76) Benzidine	12.69	184	456	Below Cal		#	1
77) Pyrene	12.78	202	129547	6.322	ng		98
80) Benzo(a)anthracene	13.97	228	70763	4.285	ng	#	91
82) Chrysene	14.00	228	63646	3.752	ng		96
87) Benzo(b)fluoranthene	15.02	252	92790	7.504	ng	#	80
88) Benzo(k)fluoranthene	15.02	252	92790	7.948	ng	#	83
89) Benzo(a)pyrene	15.38	252	47532	4.296	ng	#	84
91) Benzo(g,h,i)perylene	17.33	276	28958	3.289	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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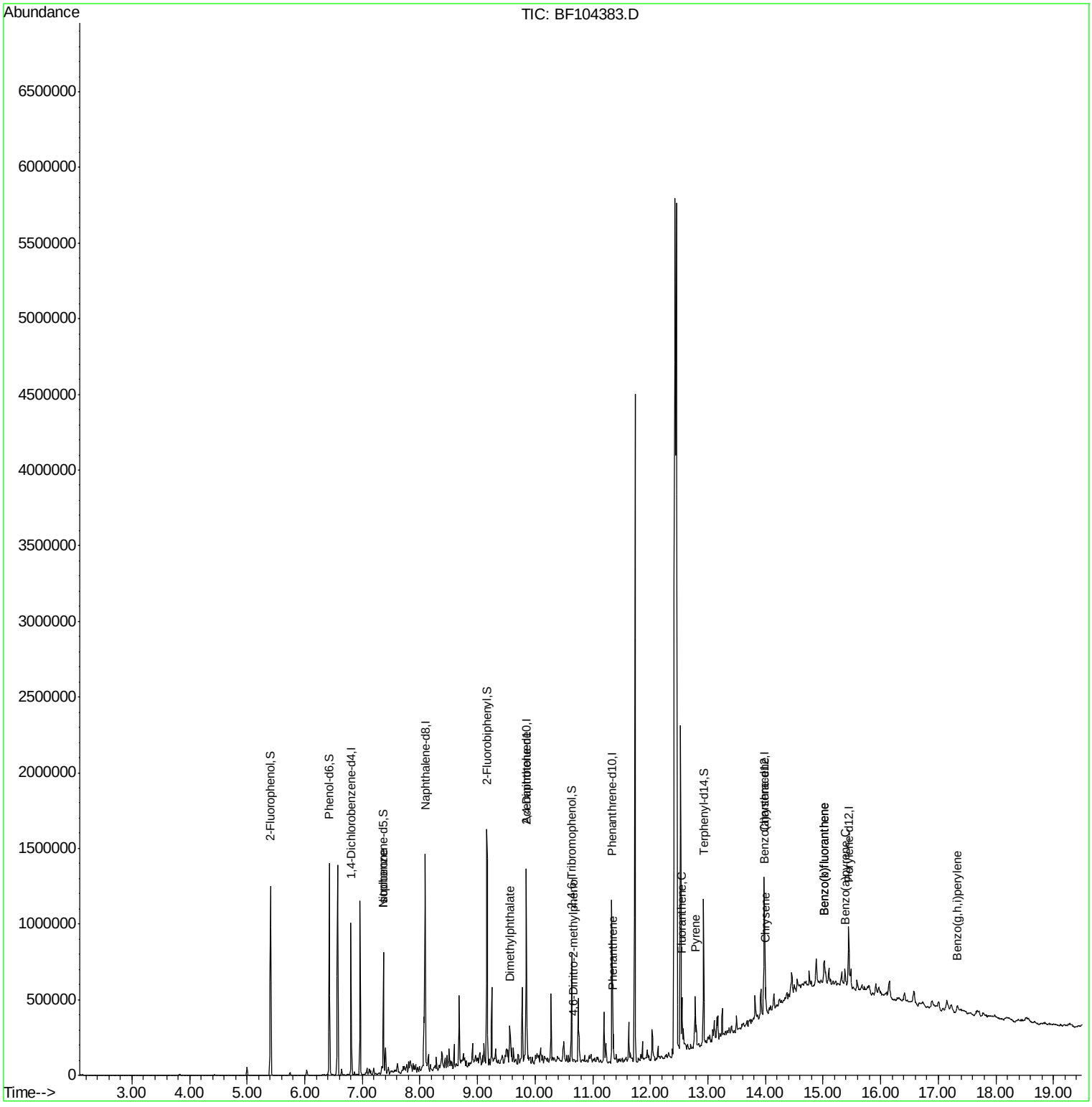
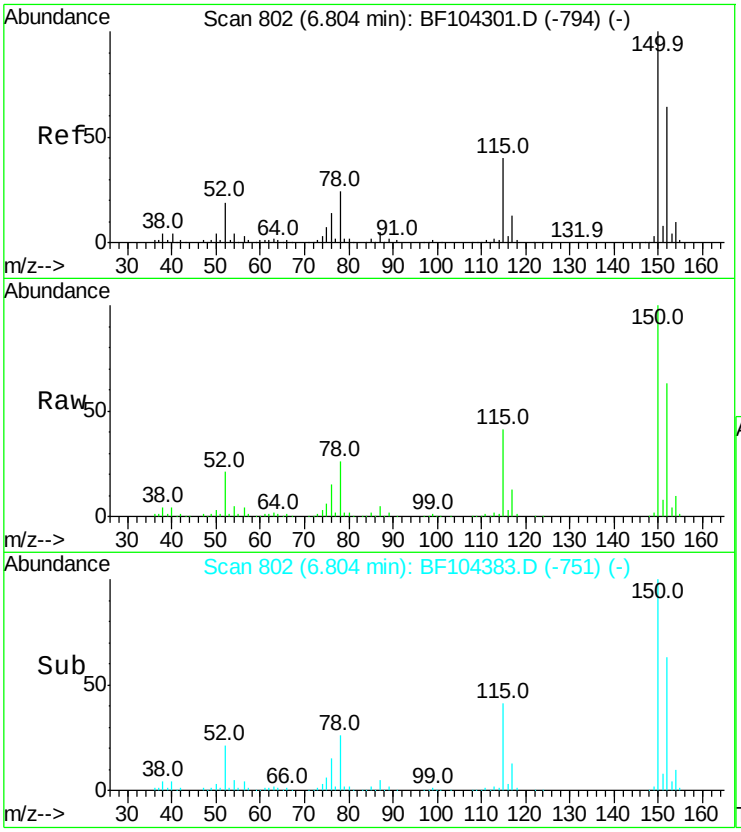
BNA_F
ClientSampleId :

Quant Time: Apr 10 01:18:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration



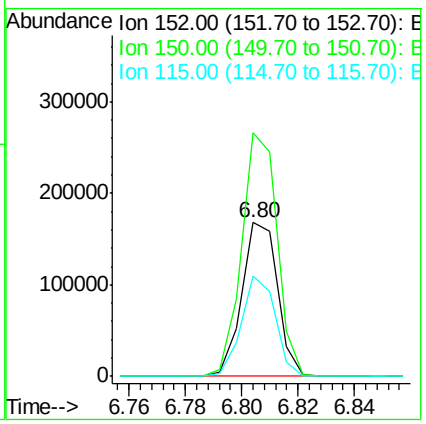


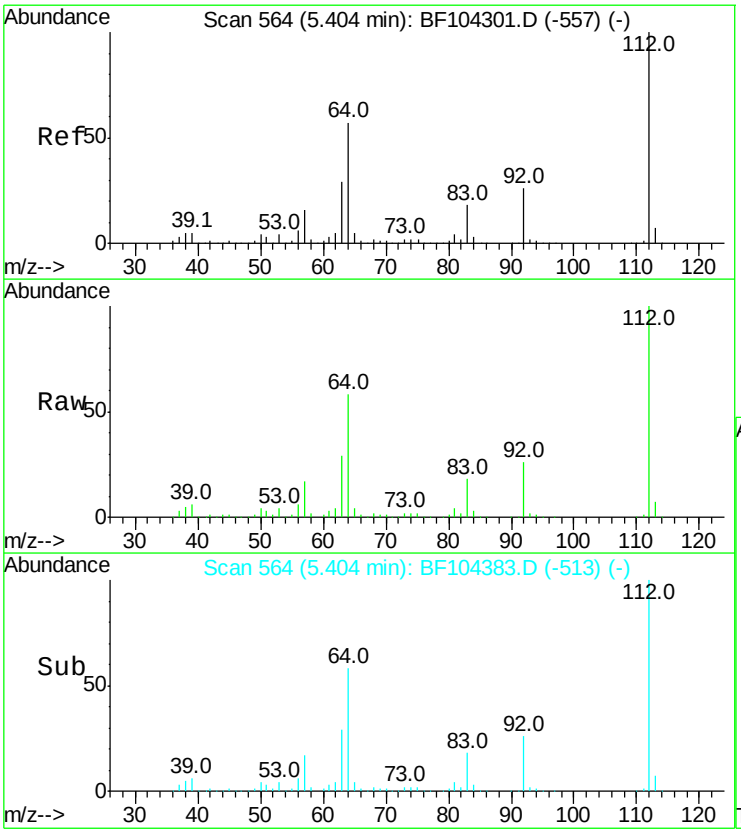
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 146970

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	64.9	50.1	75.1

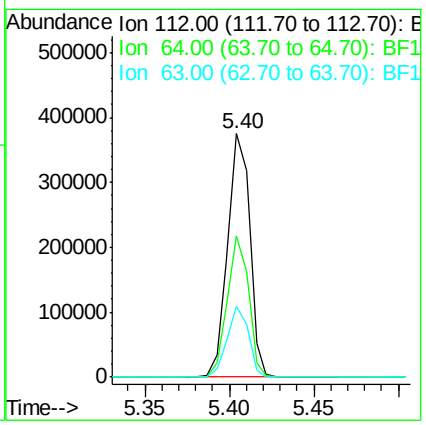


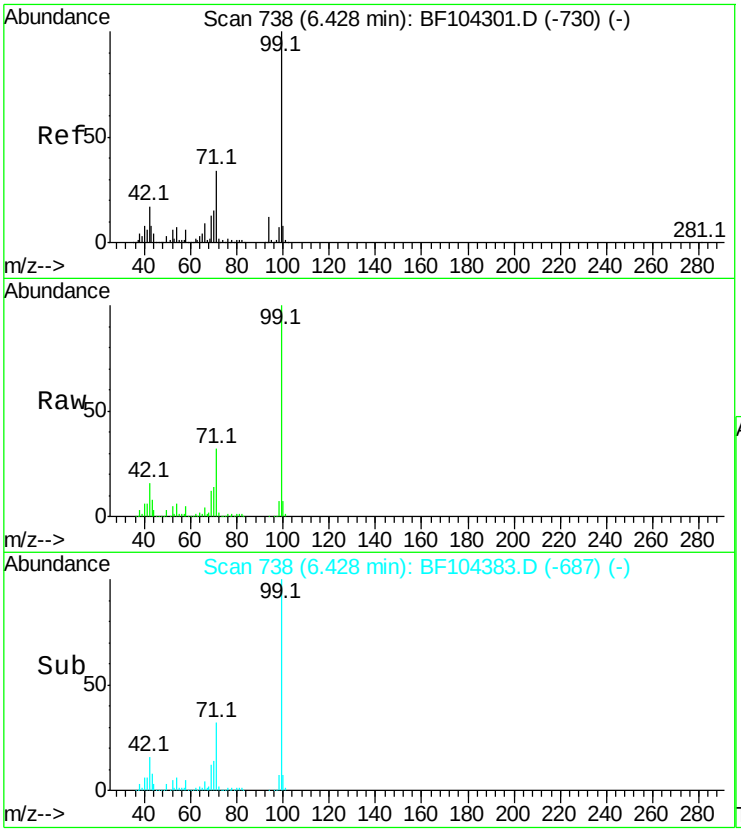


#5
2-Fluorophenol
Concen: 35.443 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion:112 Resp: 340674

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	28.8	23.7	35.5



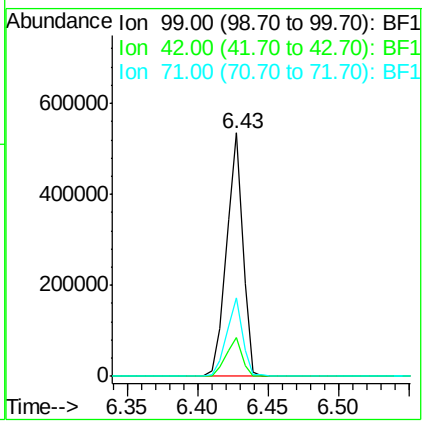


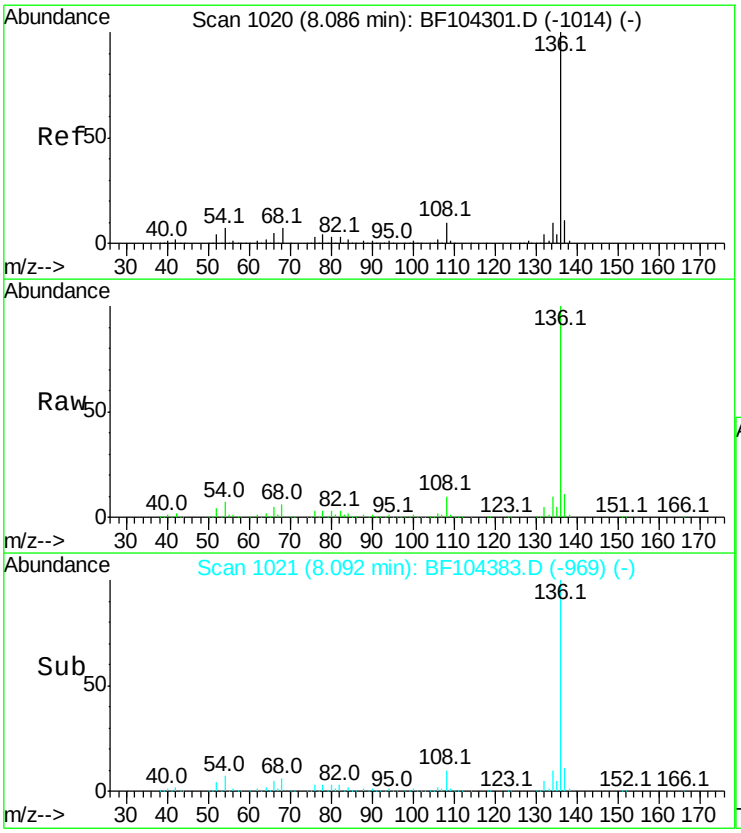
#7
Phenol-d6
Concen: 36.323 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 428968

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	32.1	25.4	38.0

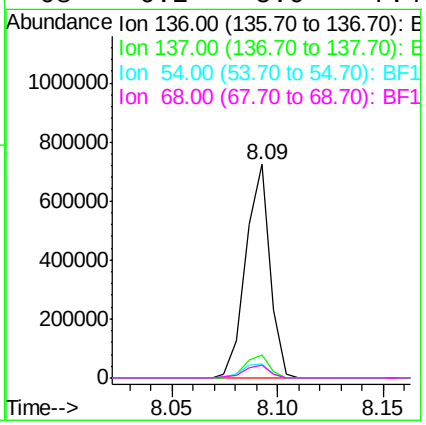


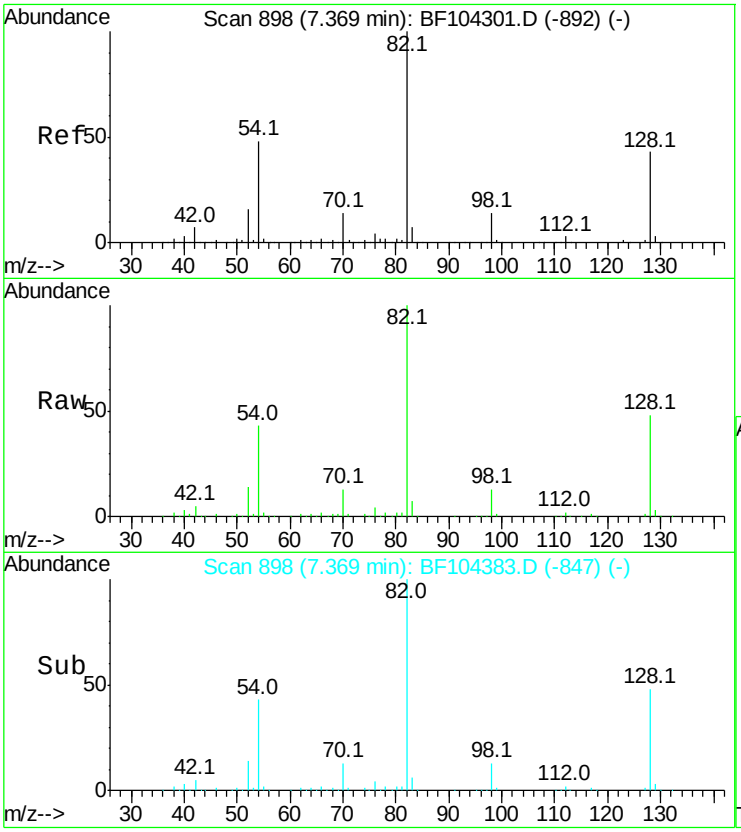


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion:136 Resp: 574156

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8
68	6.2	5.0	7.4



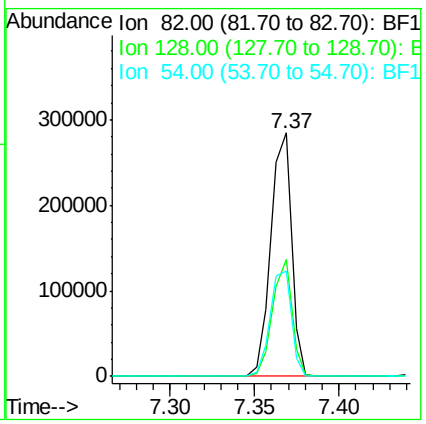


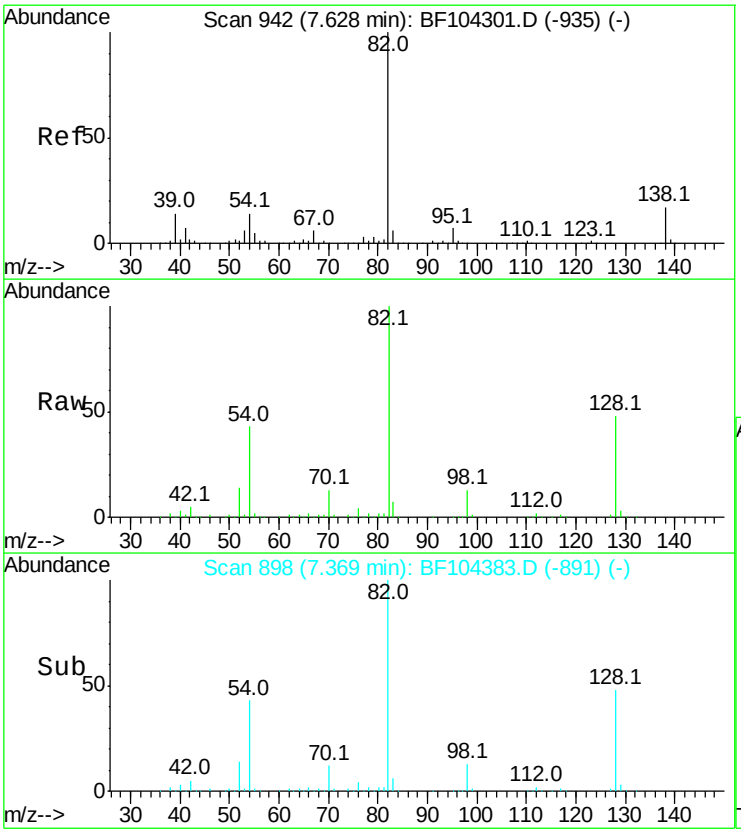
#23
Nitrobenzene-d5
Concen: 27.605 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 242726

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	43.3	41.4	62.2

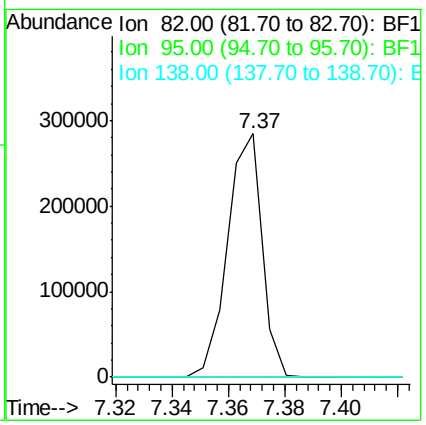


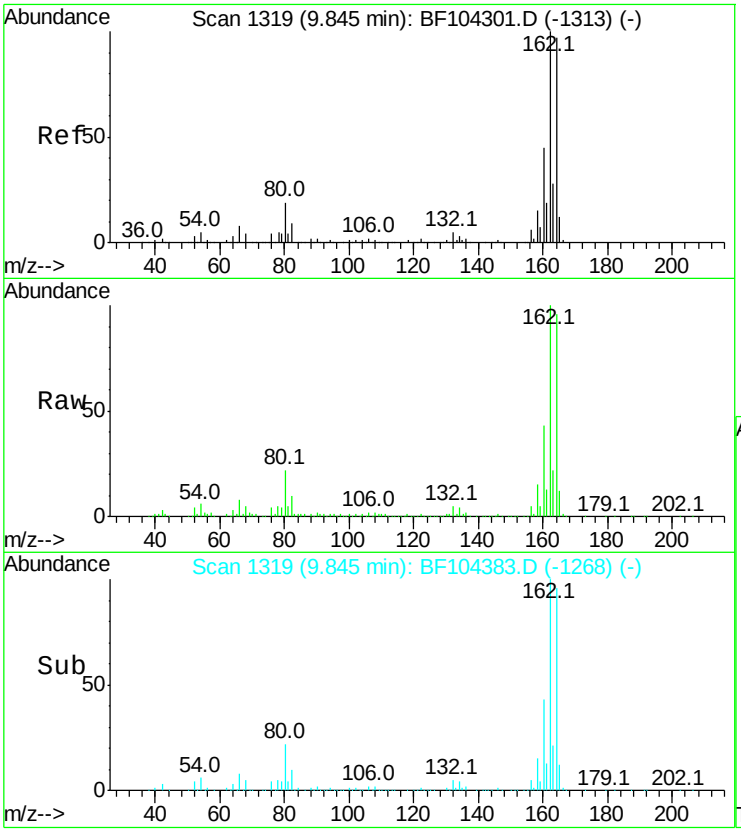


#25
Isophorone
Concen: 12.904 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion: 82 Resp: 239939

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



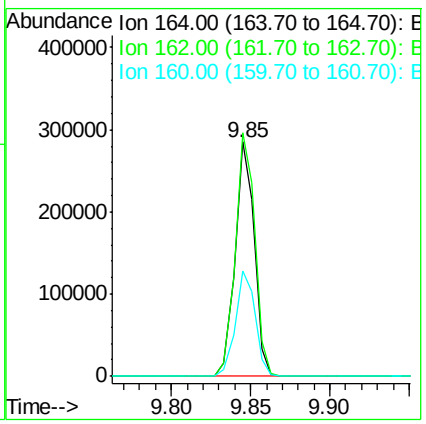


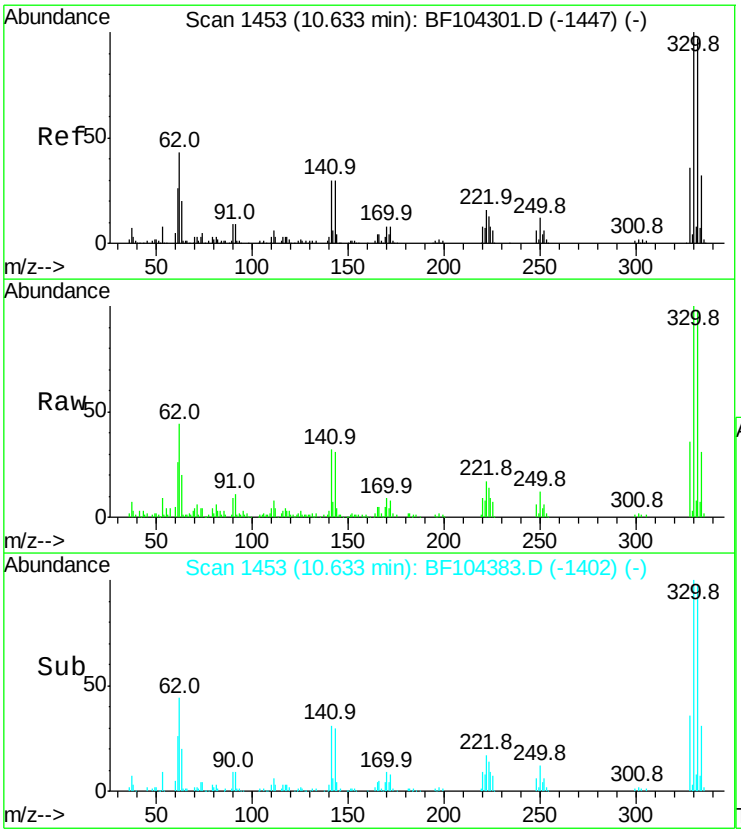
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 237839

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	44.9	38.3	57.5

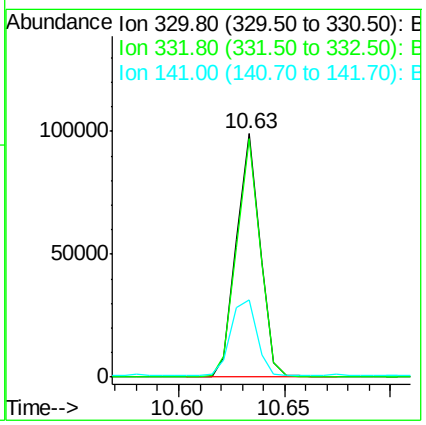


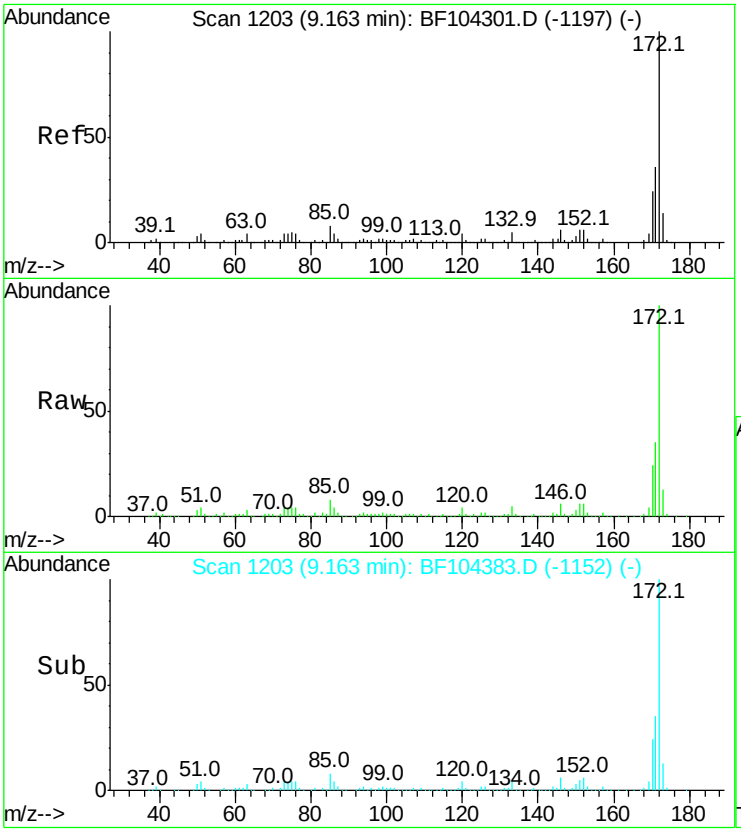


#41
2,4,6-Tribromophenol
Concen: 31.137 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion:330 Resp: 76819

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	34.6	29.9	44.9



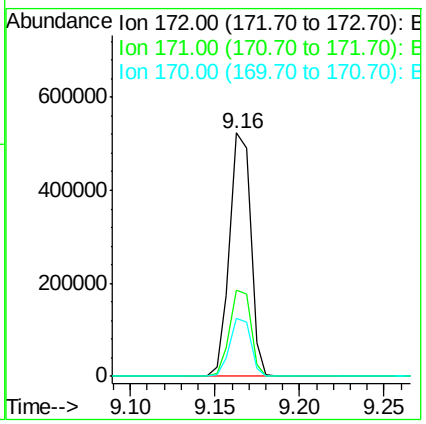


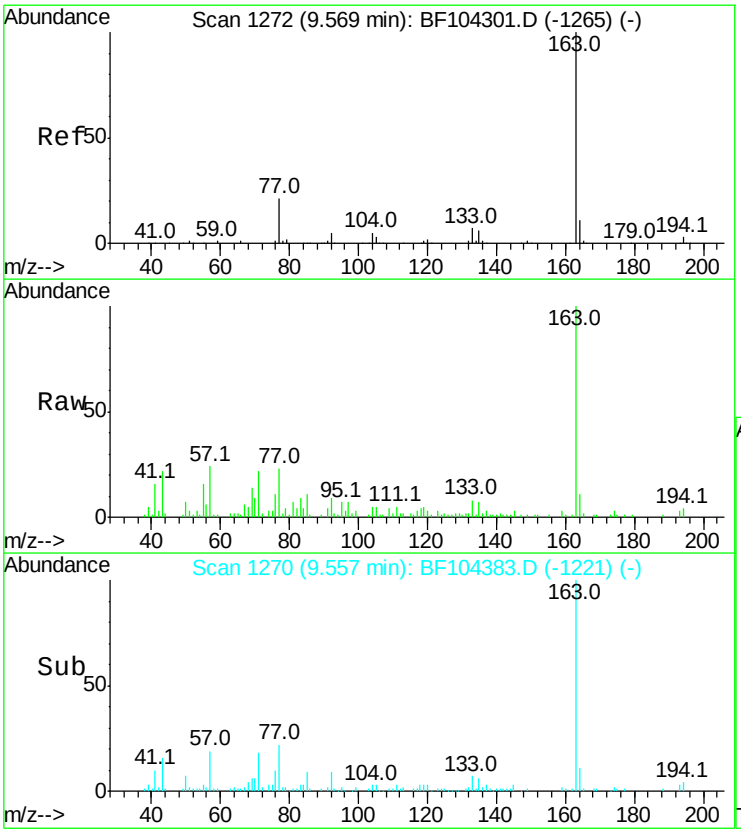
#44
2-Fluorobiphenyl
Concen: 30.249 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 455406

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.6	19.6	29.4

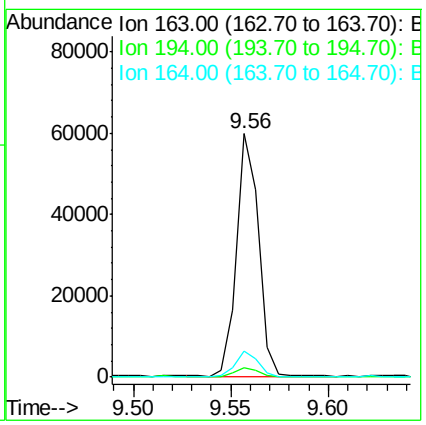


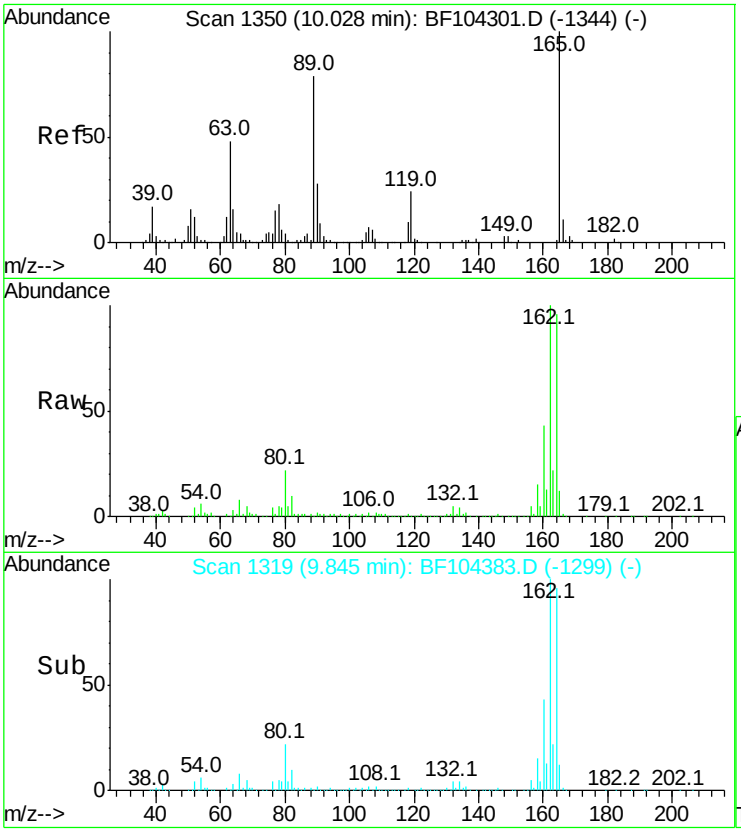


#49
Dimethylphthalate
Concen: 2.529 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion:163 Resp: 47437

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2



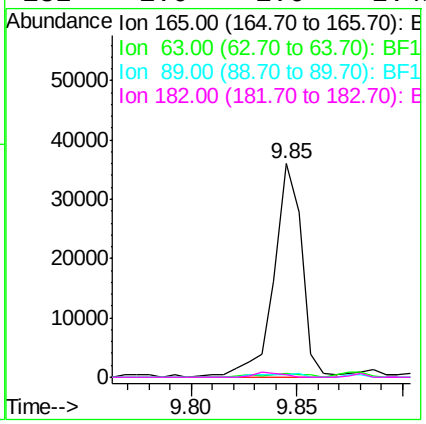


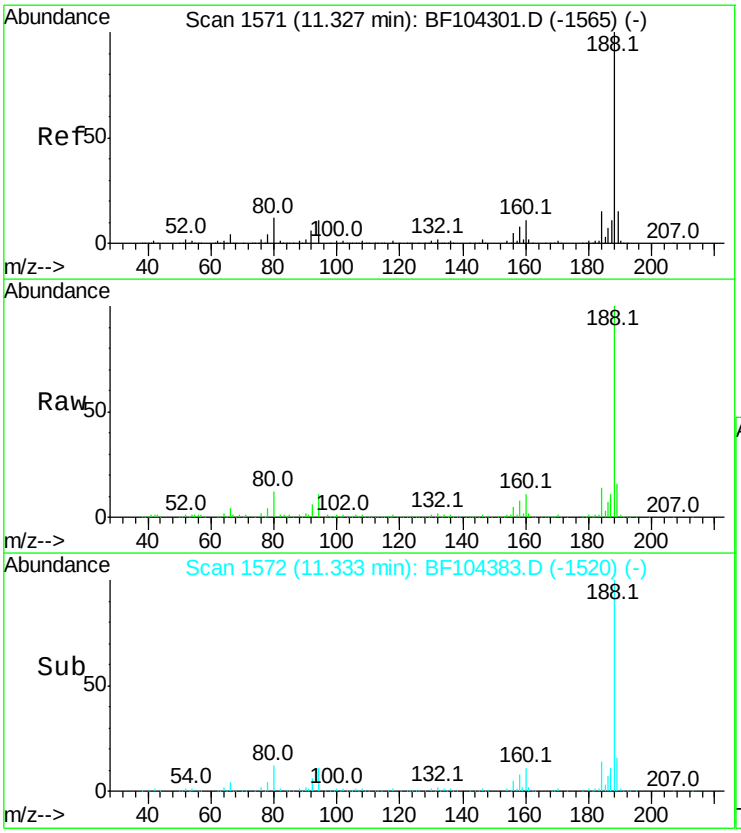
#56
2,4-Dinitrotoluene
Concen: 7.299 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.18 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33226

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	1.0	1.6	2.4#

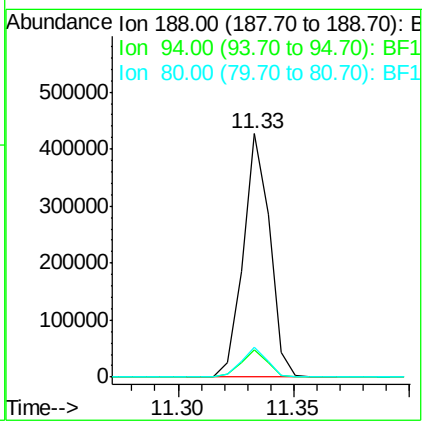


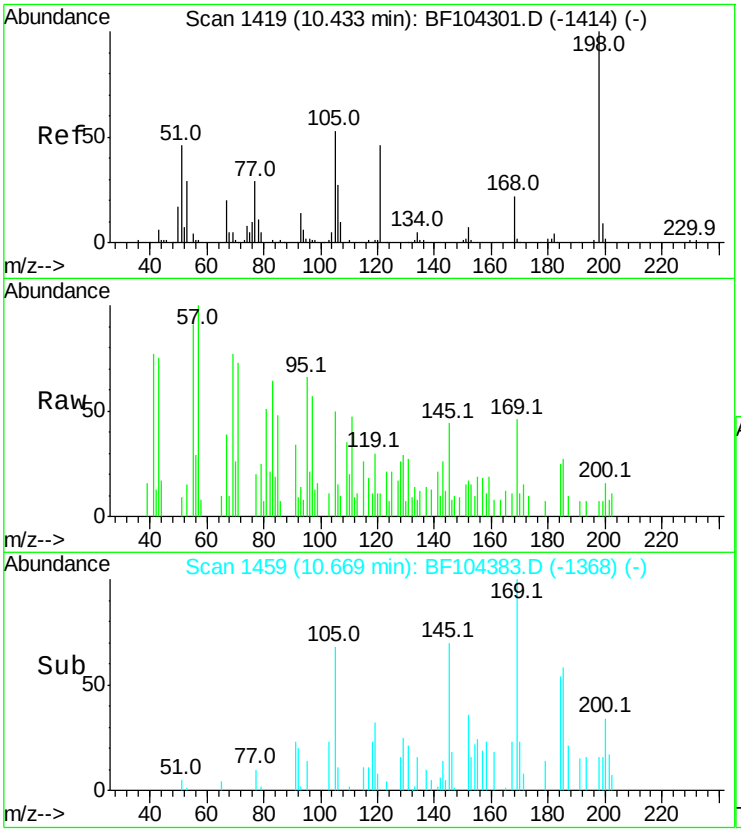


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion:188 Resp: 342250

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.1	9.2	13.8



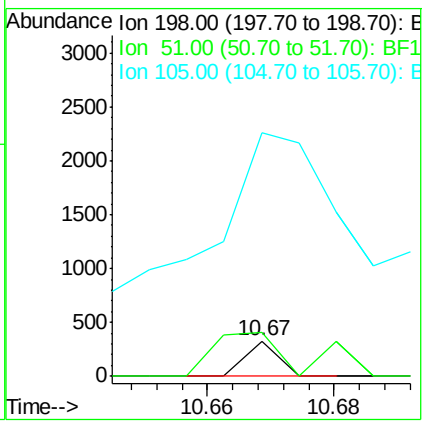


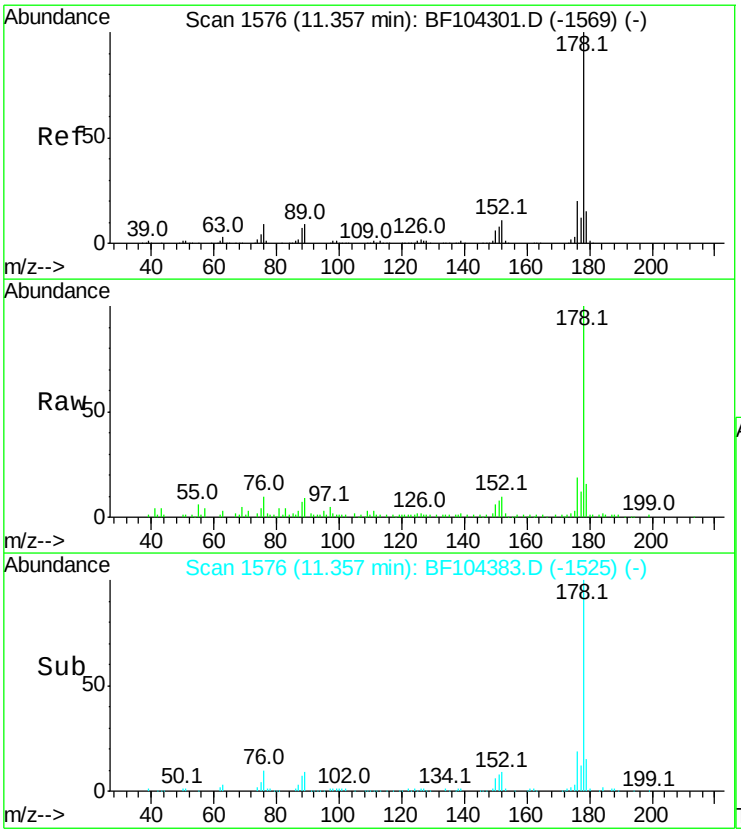
#64
4,6-Dinitro-2-methylphenol
Concen: 7.405 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.24 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 115

Ion	Ratio	Lower	Upper
198	100		
51	126.4	37.7	77.7#
105	692.9	36.3	76.3#

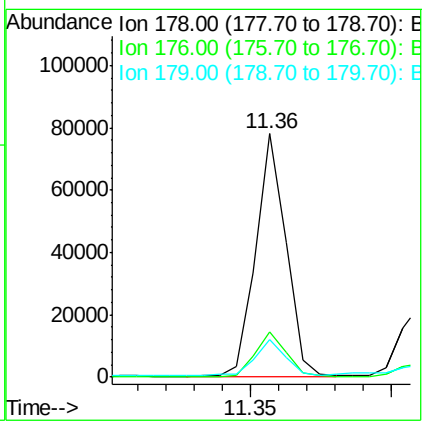


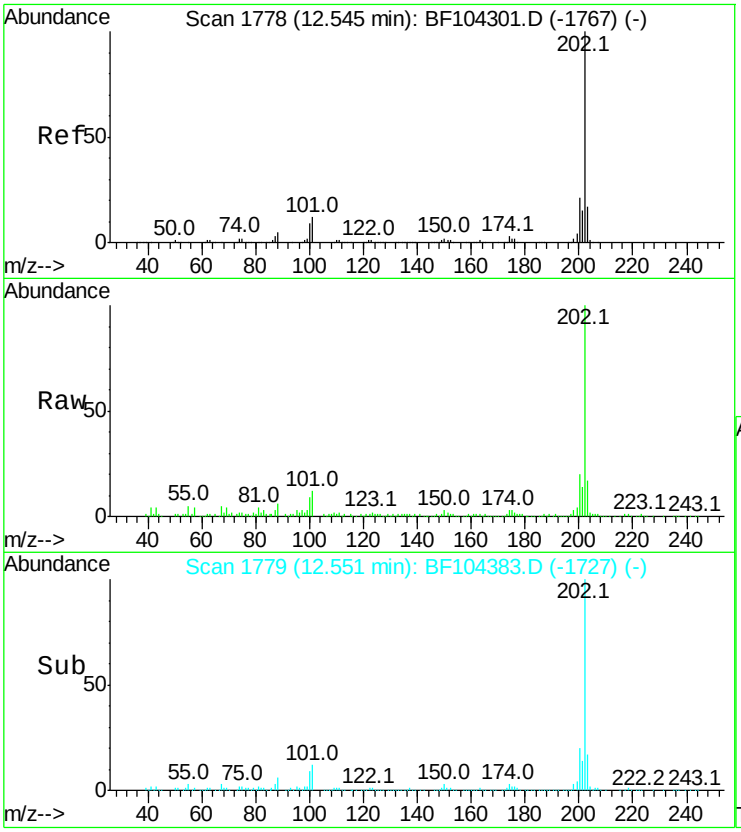


#70
Phenanthrene
Concen: 3.083 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion:178 Resp: 58758

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.6	13.0	19.6



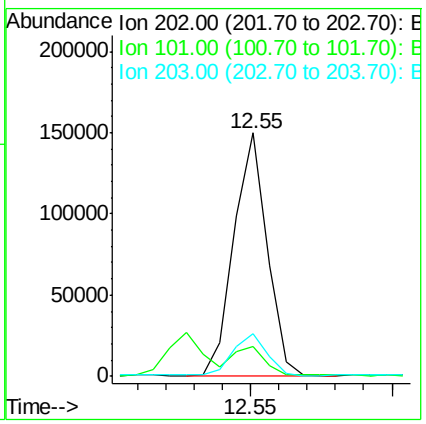


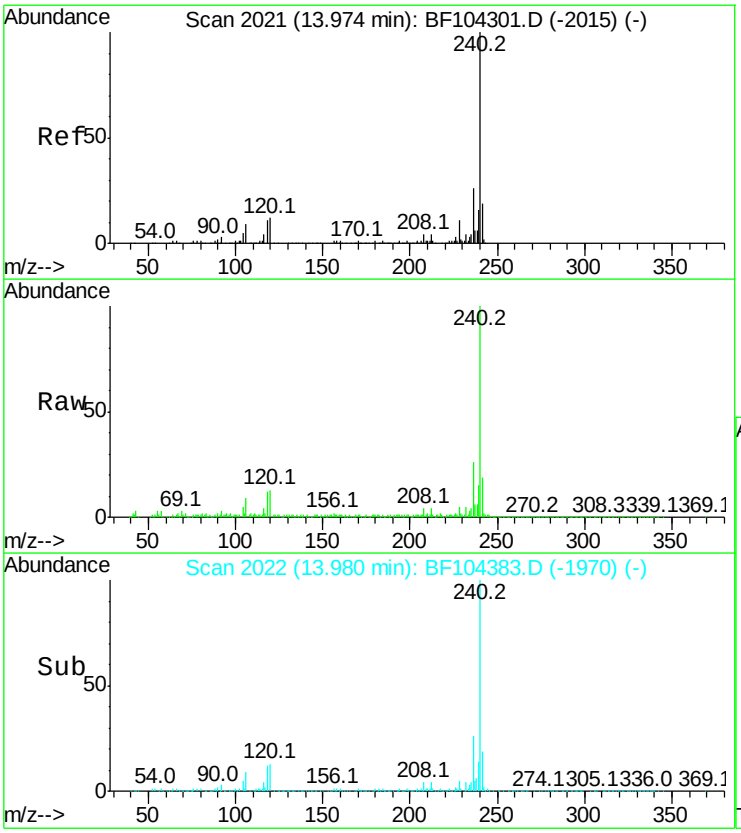
#74
Fluoranthene
Concen: 6.139 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 122246

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.3	0.0	38.1

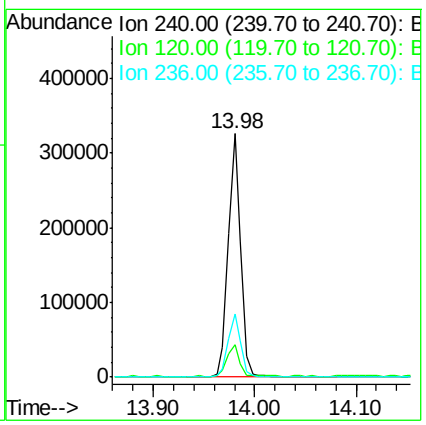


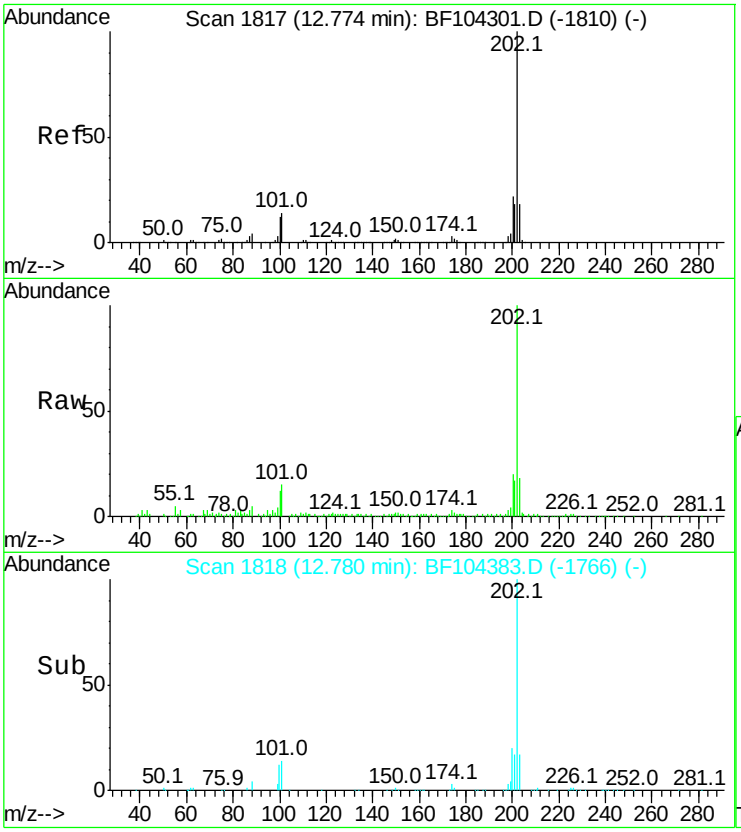


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion:240 Resp: 276431

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.8	20.7	31.1



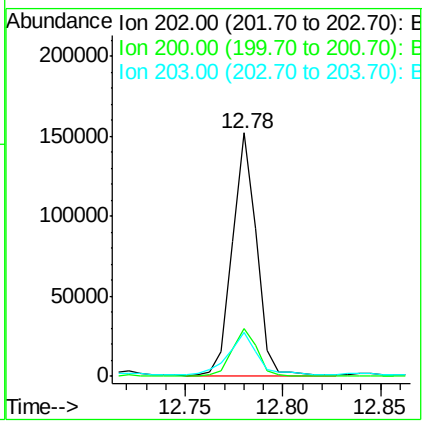


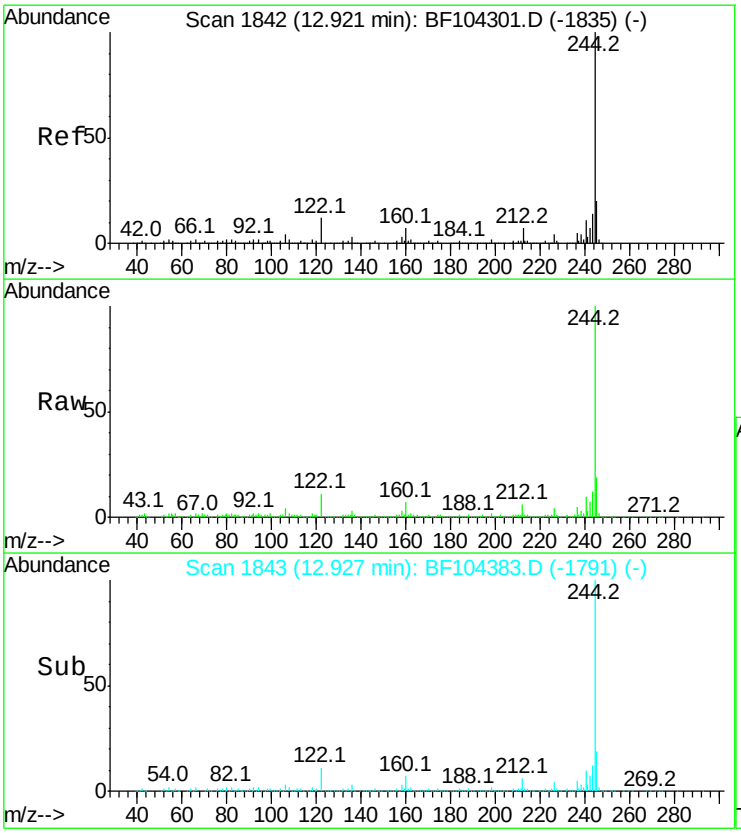
#77
Pyrene
Concen: 6.322 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 129547

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	17.9	14.3	21.5

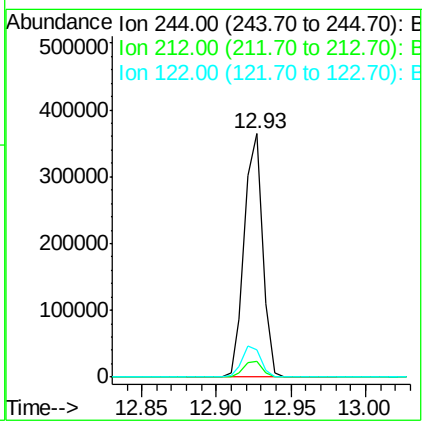


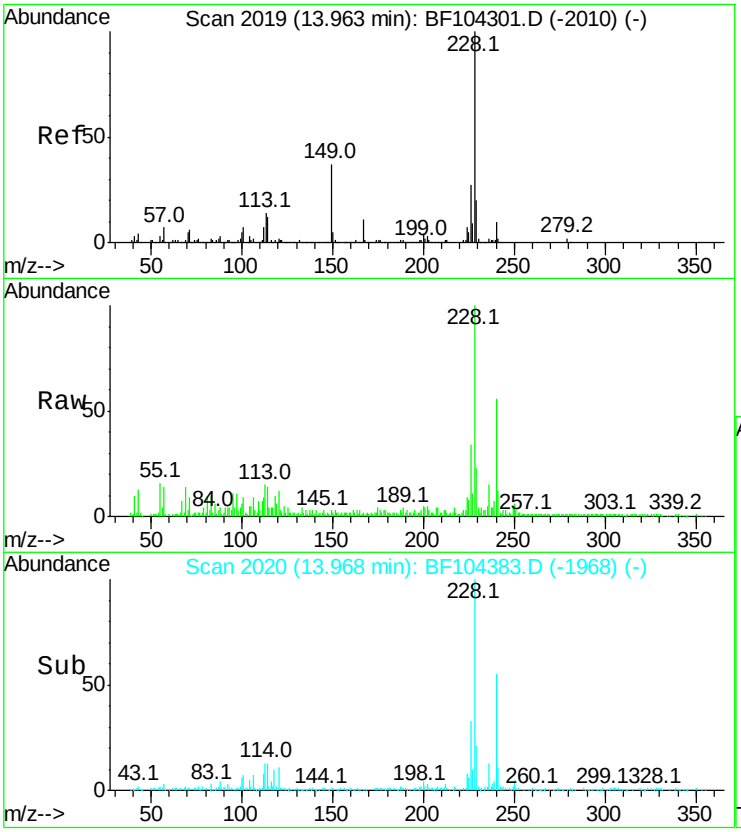


#78
Terphenyl-d14
Concen: 25.615 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion:244 Resp: 310586

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.3	11.0	16.4



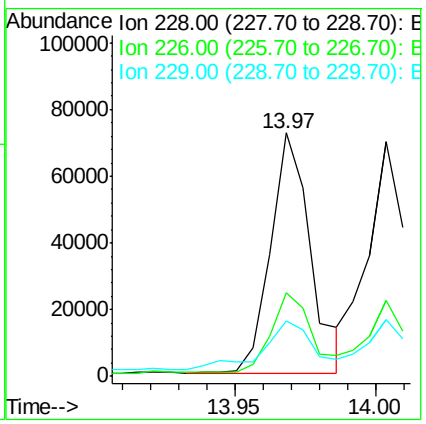


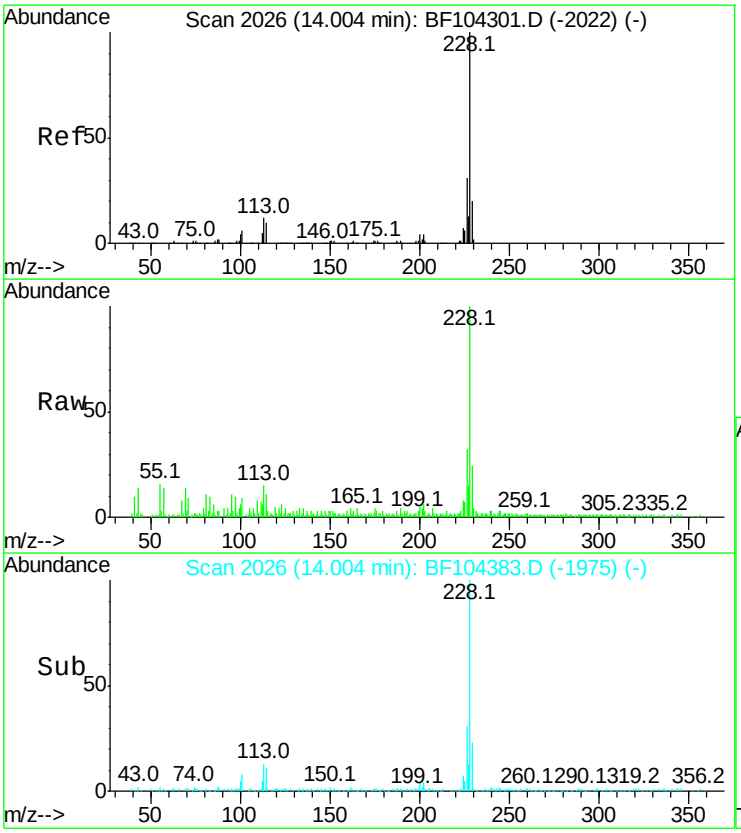
#80
Benzo(a)anthracene
Concen: 4.285 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 70763

Ion	Ratio	Lower	Upper
228	100		
226	34.1	22.6	33.8#
229	22.6	15.8	23.6

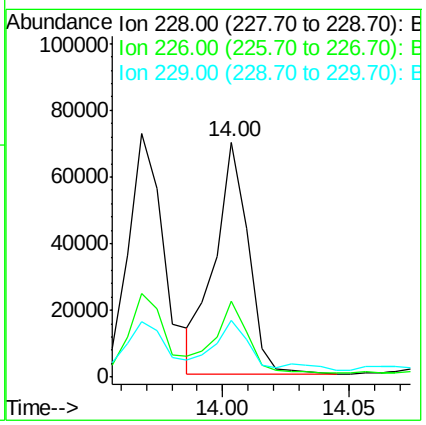


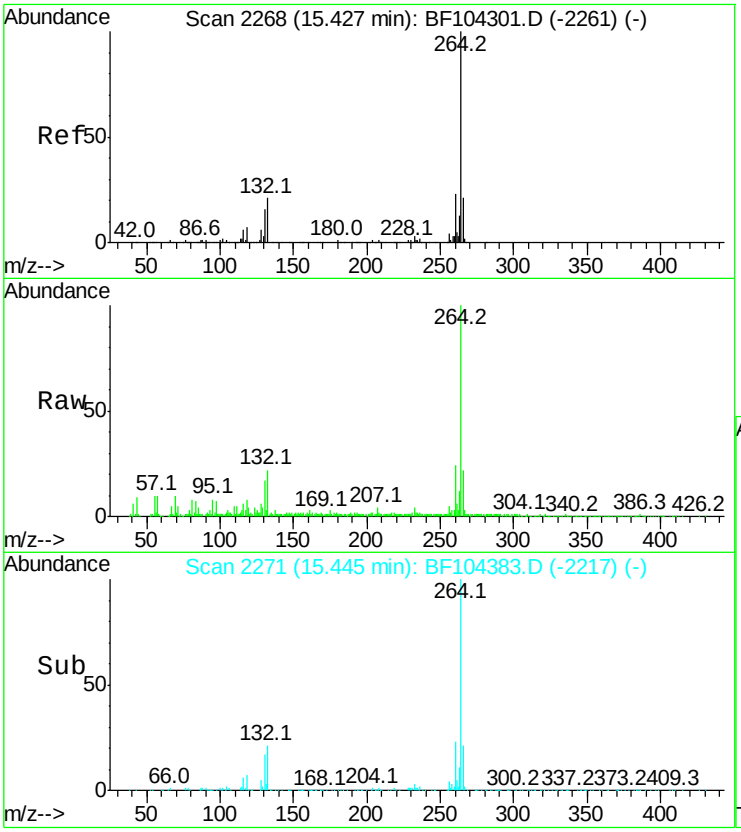


#82
Chrysene
Concen: 3.752 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion:228 Resp: 63646

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	24.3	16.2	24.4



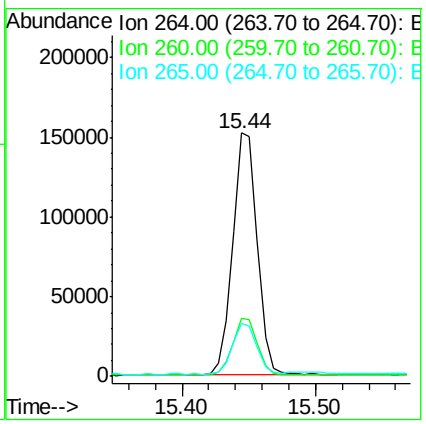


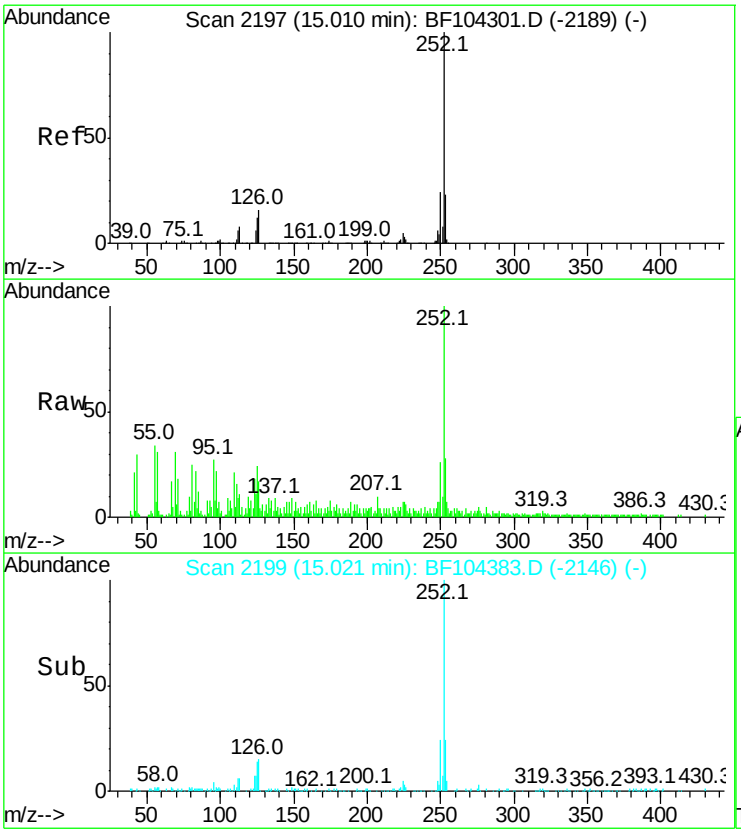
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.02 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 195791

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

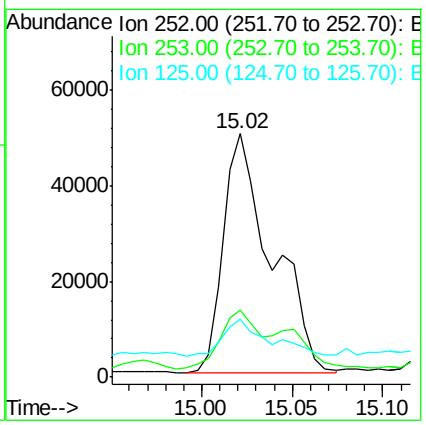


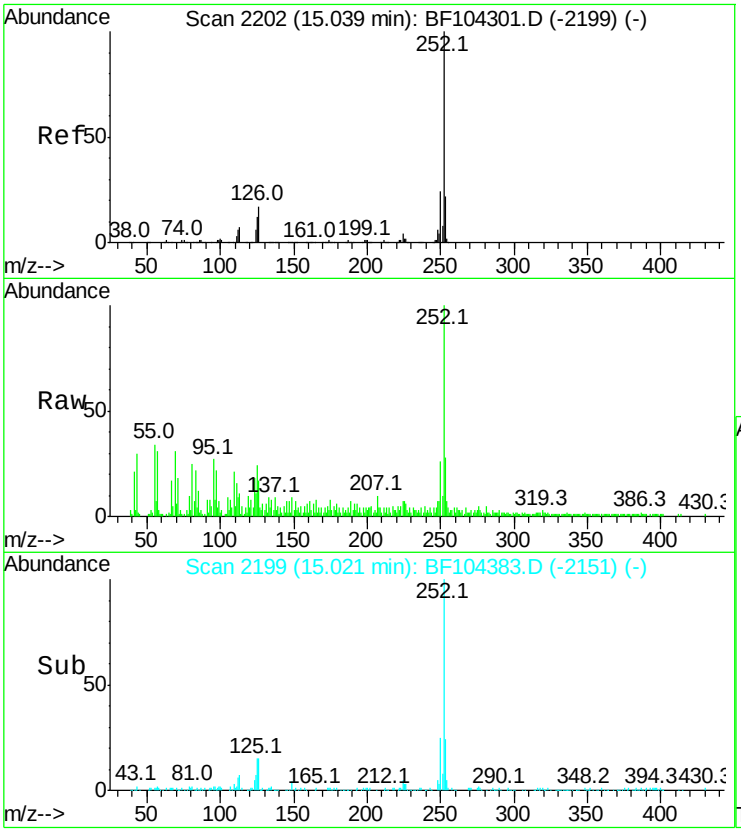


#87
Benzo(b)fluoranthene
Concen: 7.504 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion:252 Resp: 92790

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.0	25.6#
125	23.9	9.0	13.6#



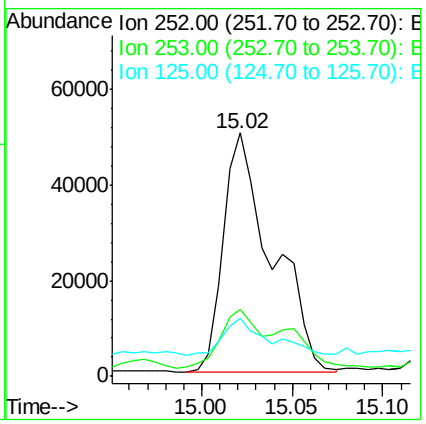


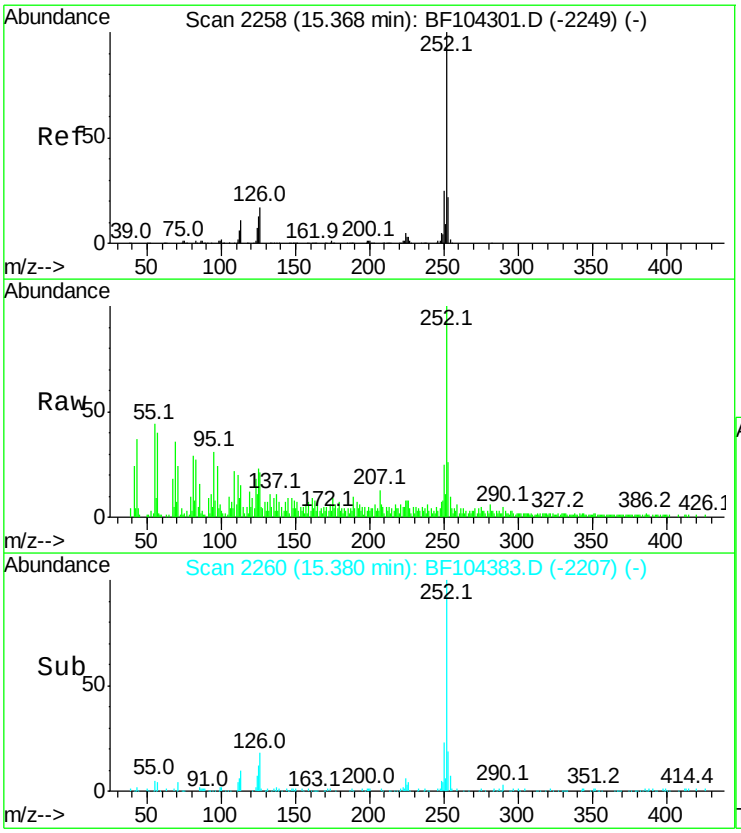
#88
Benzo(k)fluoranthene
Concen: 7.948 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 92790

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.9	26.9#
125	23.9	10.2	15.2#

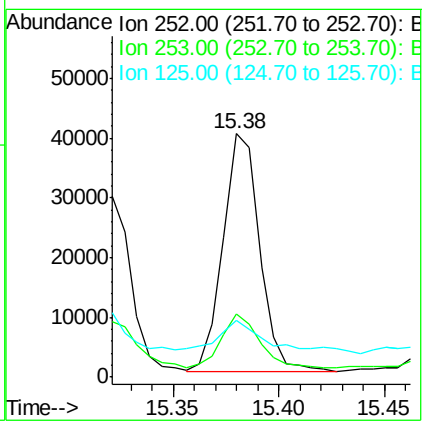


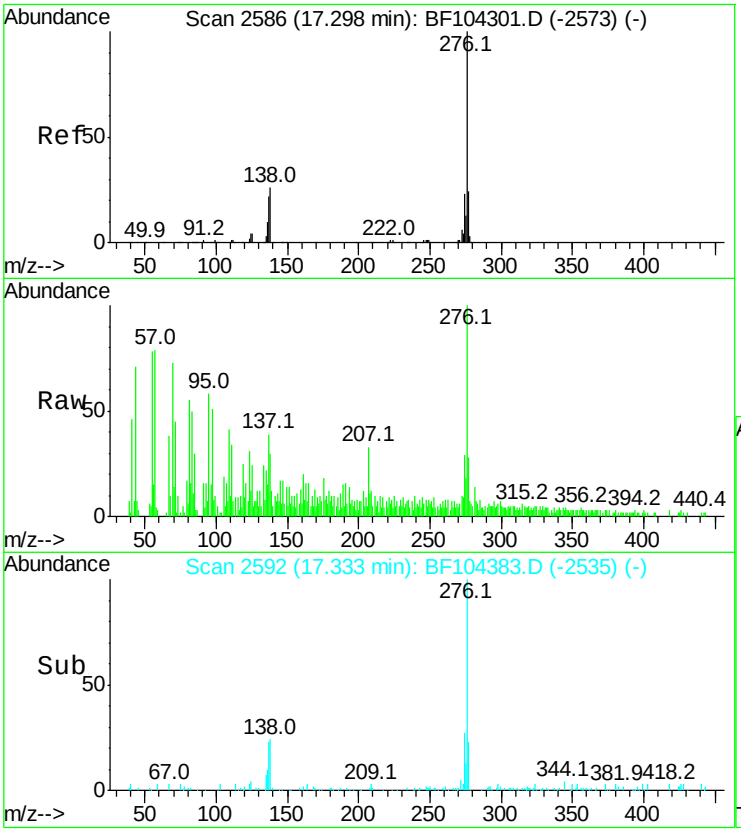


#89
Benzo(a)pyrene
Concen: 4.296 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Tgt Ion:252 Resp: 47532

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.1	25.7#
125	23.2	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.289 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.04 min
Lab File: BF104383.D
Acq: 9 Apr 2018 20:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 28958

Ion	Ratio	Lower	Upper
276	100		
277	28.5	17.9	26.9#
138	29.5	21.8	32.8