Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104319.D
Acq On : 6 Apr 2018 21:30
Operator : JU/SJ
Sample : J2231-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 06 23:11:47 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	128103	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	509120	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	211919	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	276554	20.00	ng		0.00
75) Chrysene-d12	13.97	240	264206	20.00	ng		0.00
86) Perylene-d12	15.42	264	267506	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	963356	114.99	ng		0.01
7) Phenol-d6	6.43	99	1188756	115.48	ng		0.00
23) Nitrobenzene-d5	7.37	82	696920	89.38	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	218560	99.42	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1080984	80.58	ng		0.00
78) Terphenyl-d14	12.92	244	677019	58.42	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.44	94	23885	2.187	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	92140	13.698	ng	#	74
25) Isophorone	7.37	82	696243	42.228	ng	#	64
49) Dimethylphthalate	9.56	163	101706	6.086	ng	#	98
53) 2,4-Dinitrophenol	10.10	184	126	5.274	ng	#	43
64) 4,6-Dinitro-2-methylphenol	10.46	198	556	7.697	ng	#	1
70) Phenanthrene	11.36	178	38260	2.484	ng	#	82
74) Fluoranthene	12.55	202	81858	5.087	ng		94
76) Benzidine	12.67	184	443	Below Cal		#	1
77) Pyrene	12.77	202	87630	4.475	ng		97
80) Benzo(a)anthracene	13.96	228	41642	2.638	ng		99
82) Chrysene	14.00	228	37227	2.296	ng		99
87) Benzo(b)fluoranthene	15.00	252	58883	3.485	ng	#	92
88) Benzo(k)fluoranthene	15.00	252	58883	3.692	ng	#	95

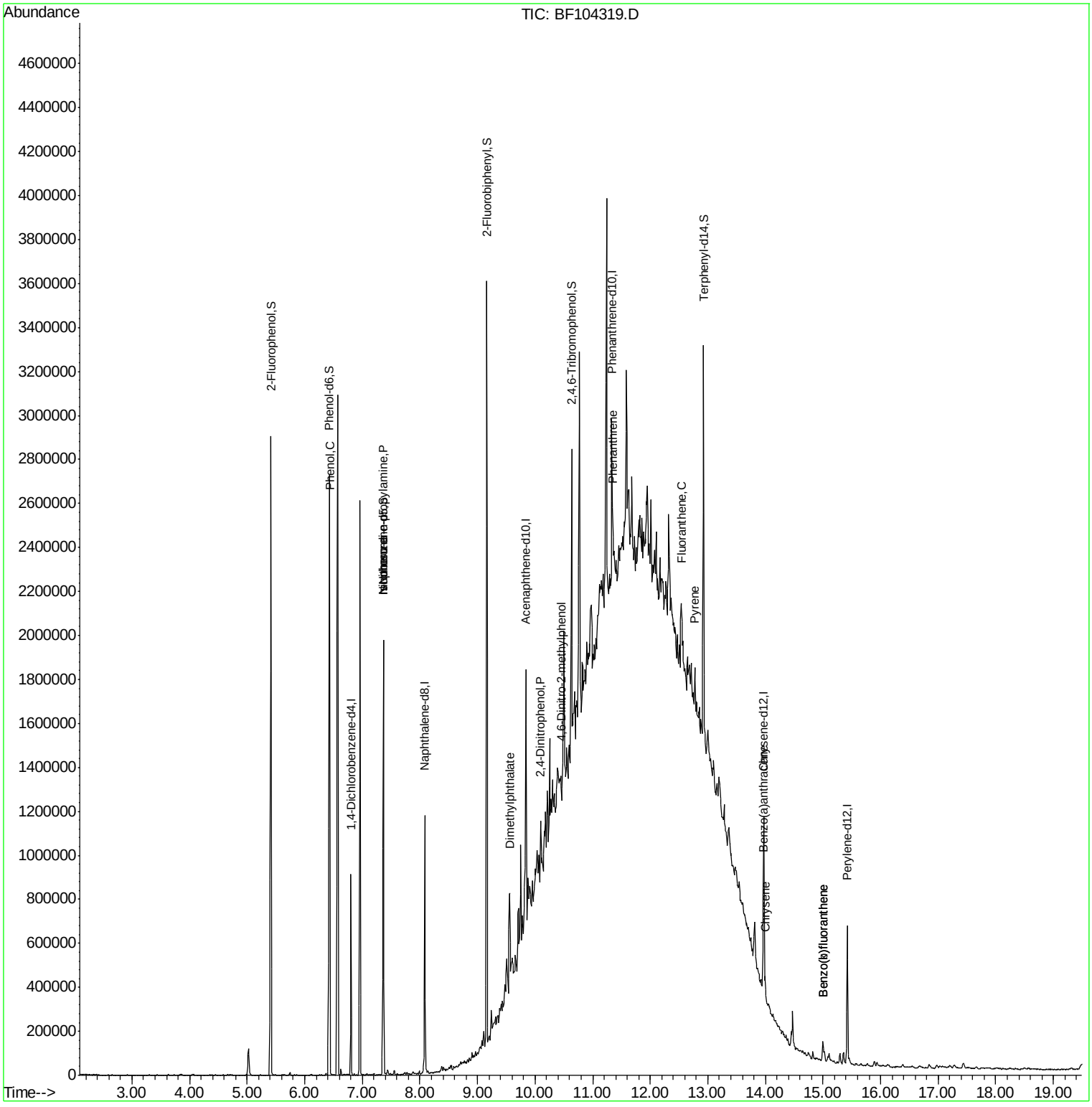
(#) = qualifier out of range (m) = manual integration (+) = signals summed

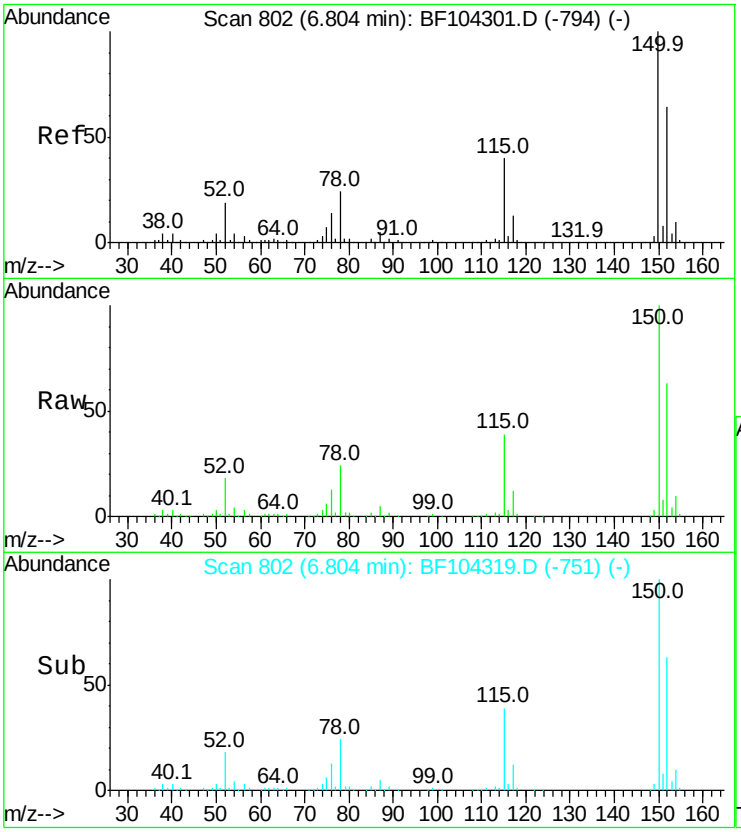
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104319.D
Acq On : 6 Apr 2018 21:30
Operator : JU/SJ
Sample : J2231-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 06 23:11:47 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



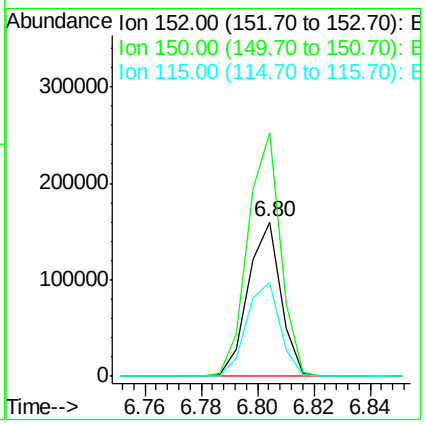


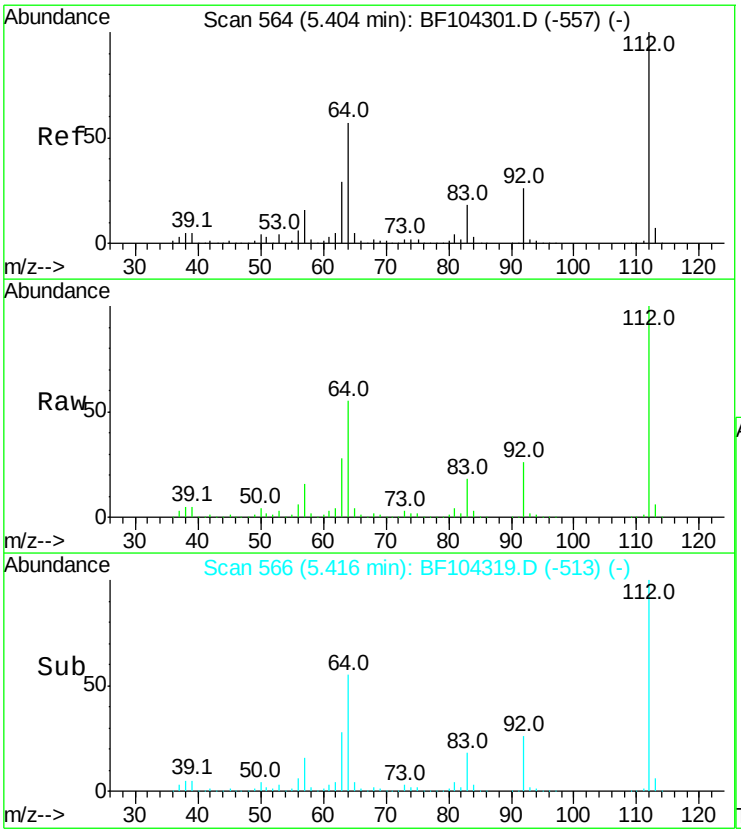
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128103

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	61.1	50.1	75.1

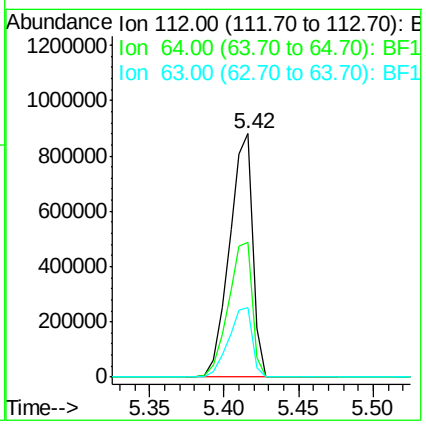


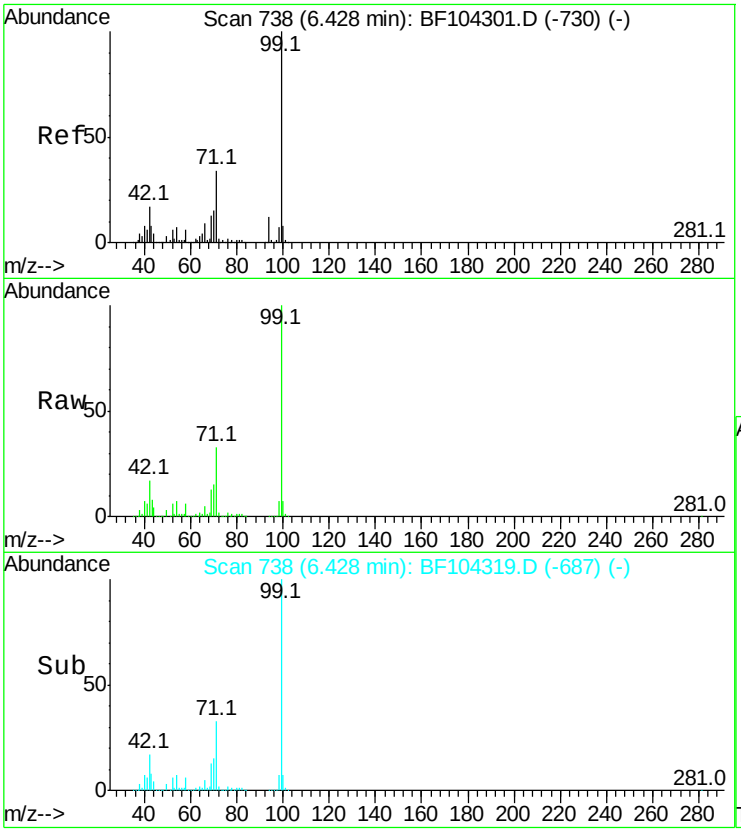


#5
2-Fluorophenol
Concen: 114.988 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion:112 Resp: 963356

Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	28.3	23.7	35.5



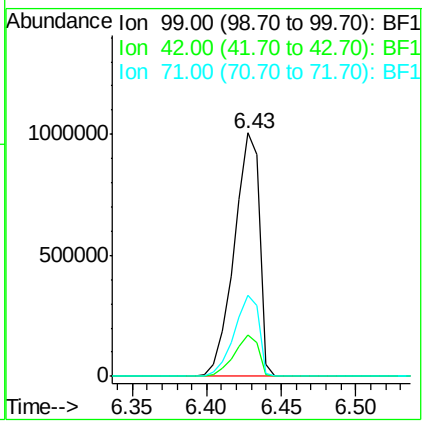


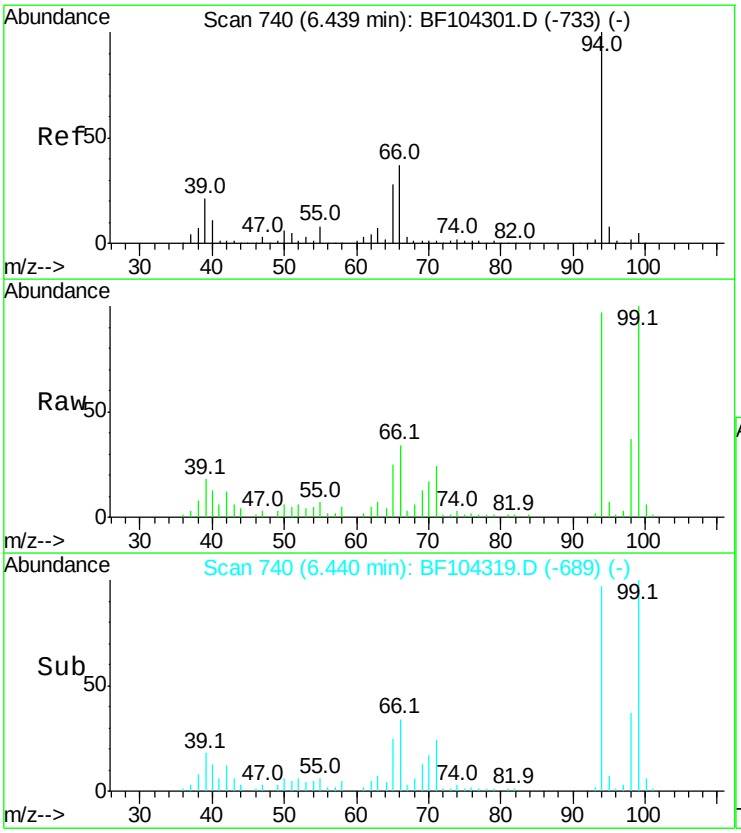
#7
Phenol-d6
Concen: 115.483 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1188756

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.5	21.7
71	33.4	25.4	38.0

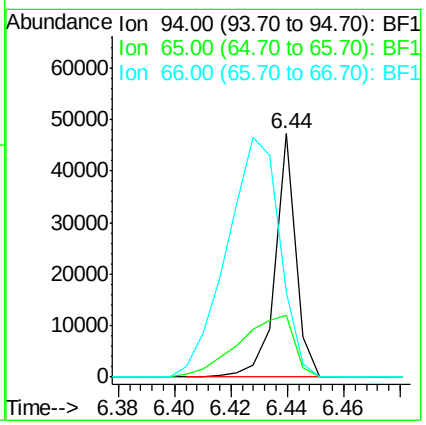


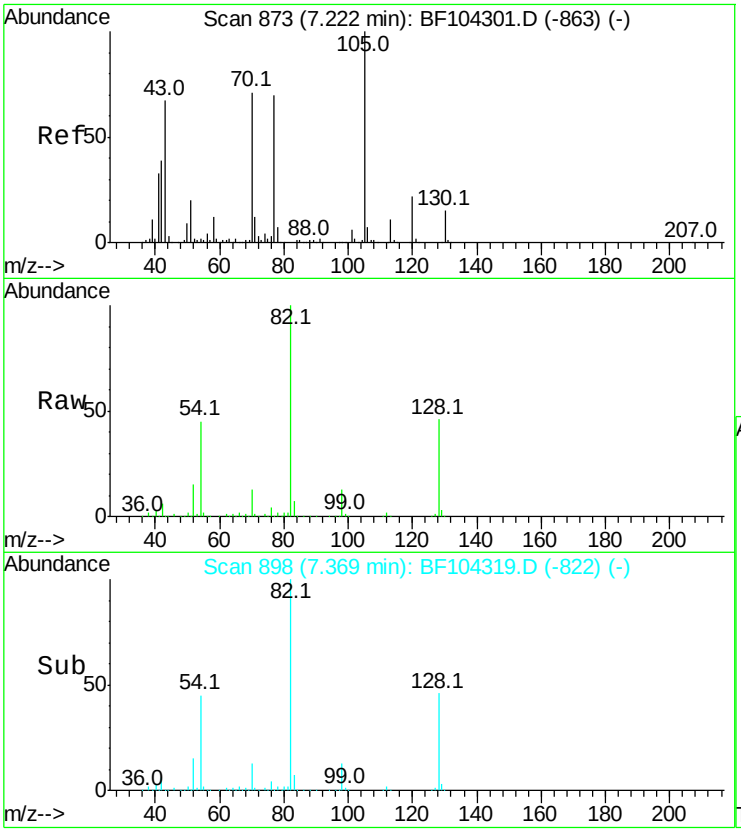


#10
Phenol
Concen: 2.187 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion: 94 Resp: 23885

Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	35.0	16.2	56.2



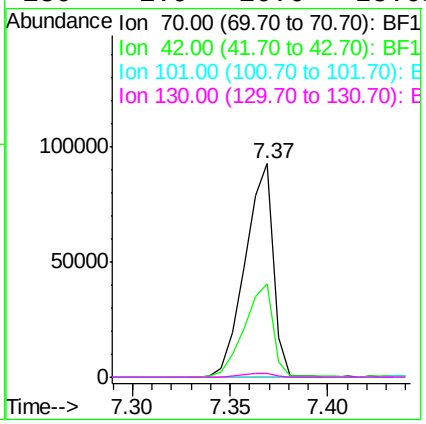


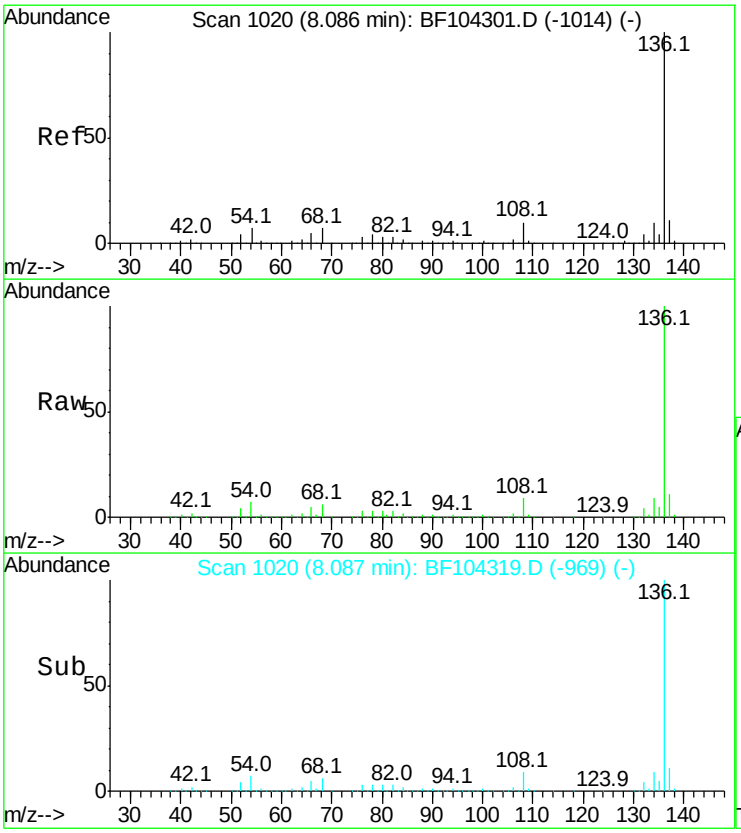
#19
n-Nitroso-di-n-propylamine
Concen: 13.698 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 92140

Ion	Ratio	Lower	Upper
70	100		
42	43.7	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

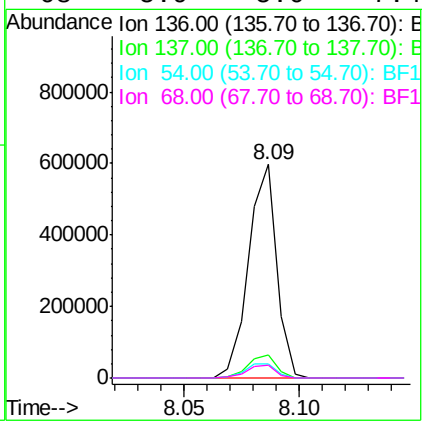


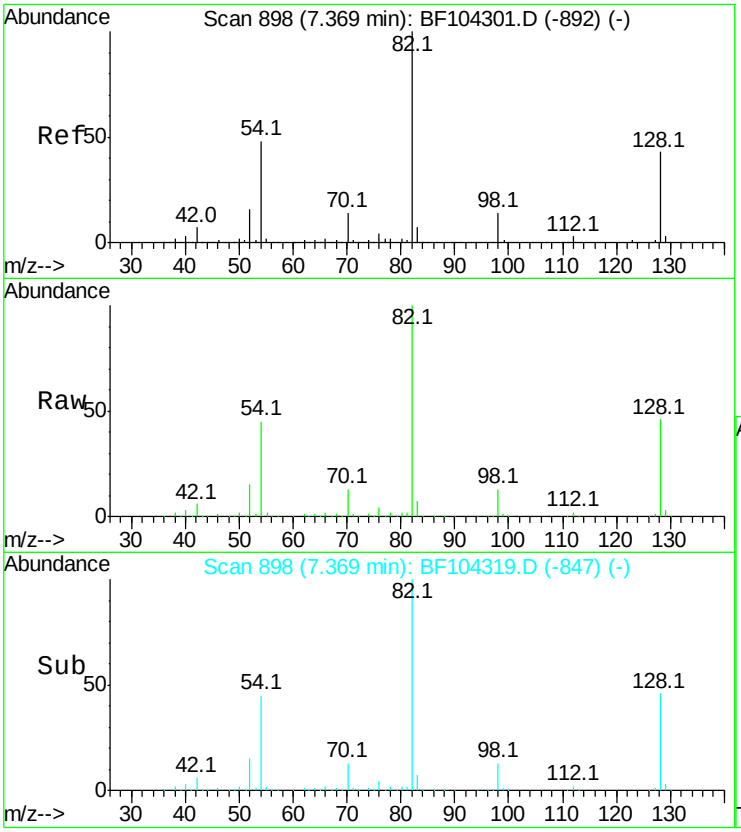


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion:136 Resp: 509120

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8
68	5.9	5.0	7.4



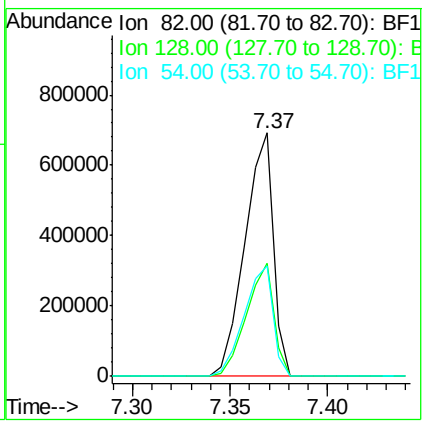


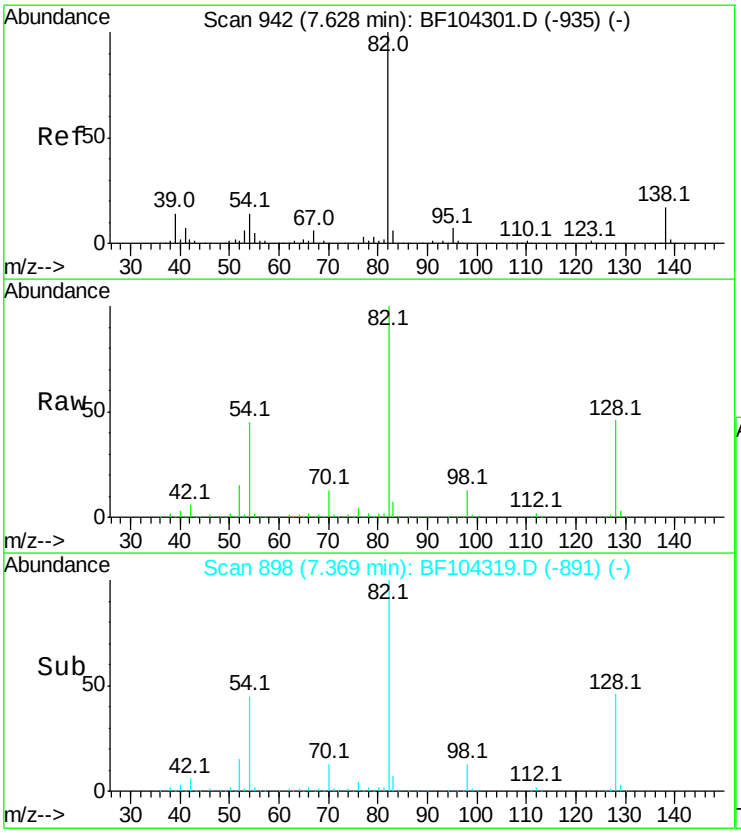
#23
Nitrobenzene-d5
Concen: 89.385 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 696920

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	45.3	41.4	62.2

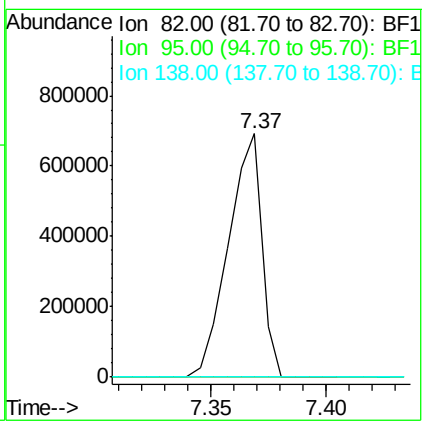


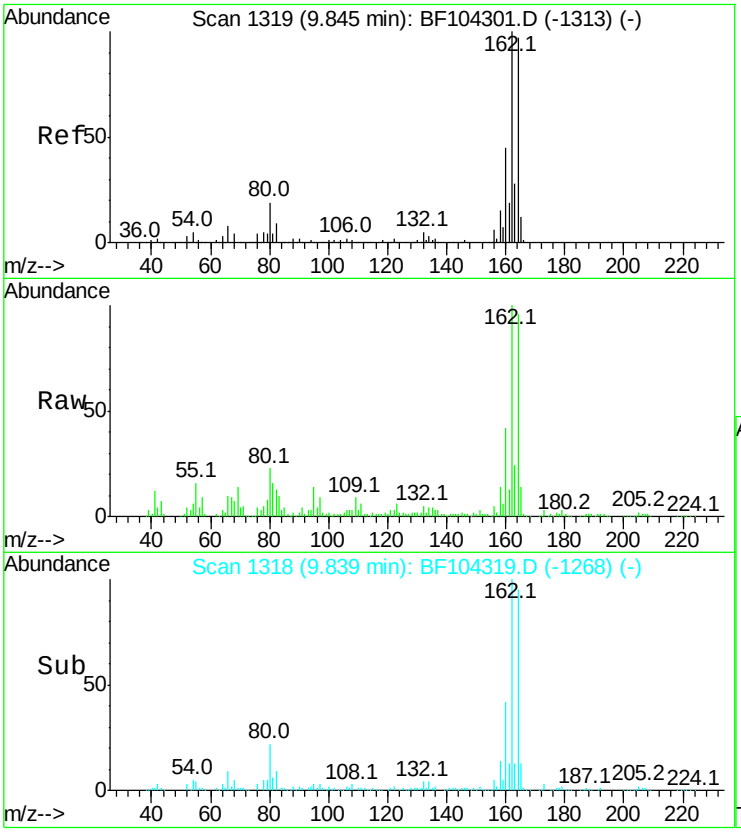


#25
Isophorone
Concen: 42.228 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion: 82 Resp: 696243

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



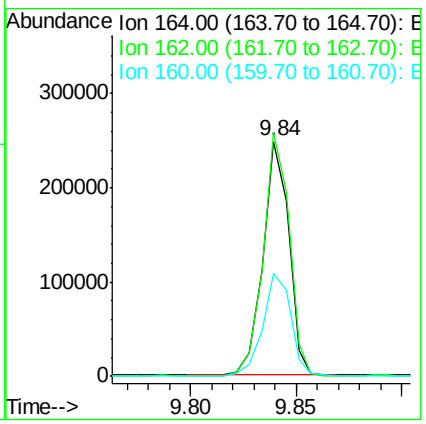


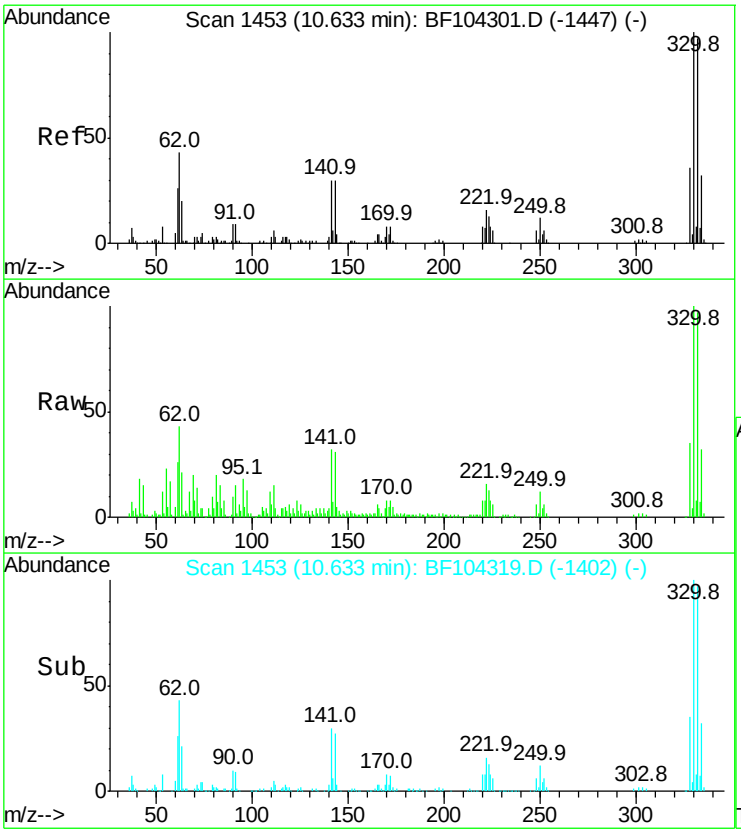
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 211919

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	43.8	38.3	57.5

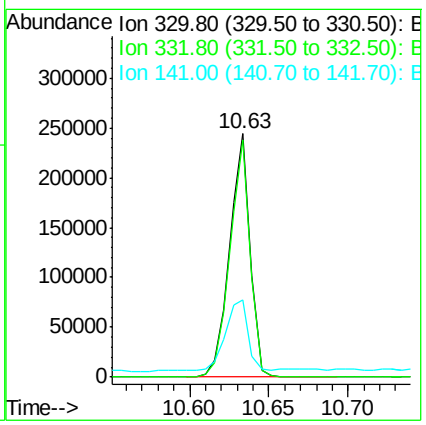


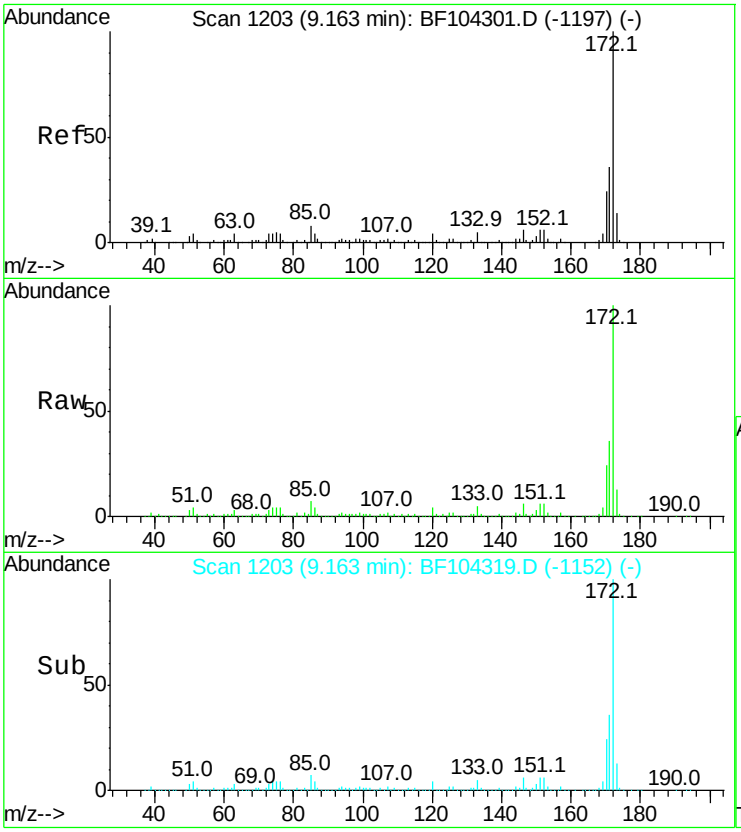


#41
2,4,6-Tribromophenol
Concen: 99.423 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion:330 Resp: 218560

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.5	29.9	44.9



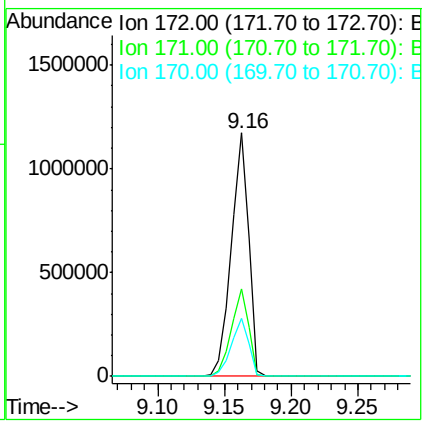


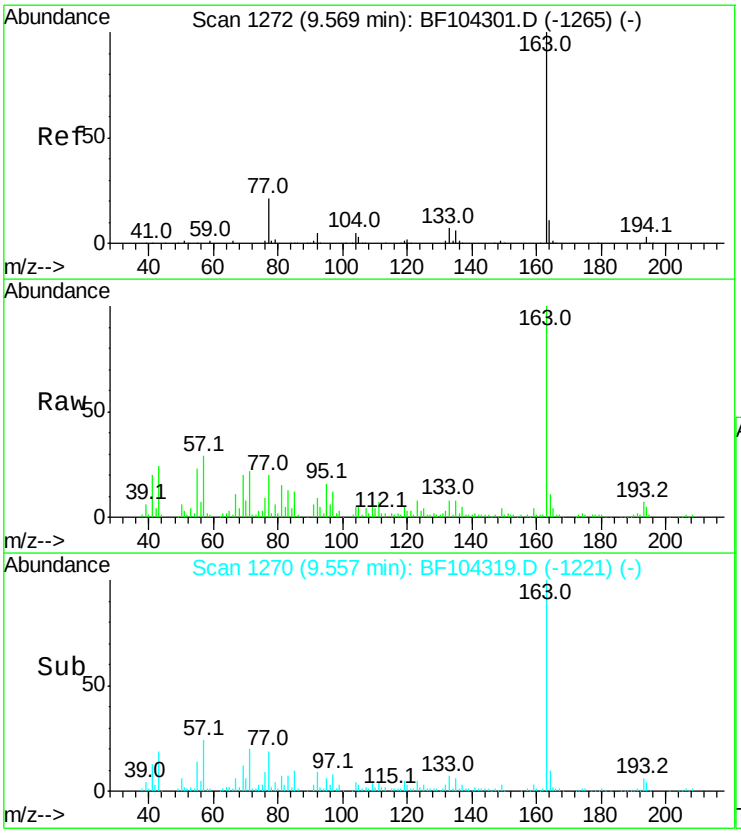
#44
2-Fluorobiphenyl
Concen: 80.582 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1080984

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

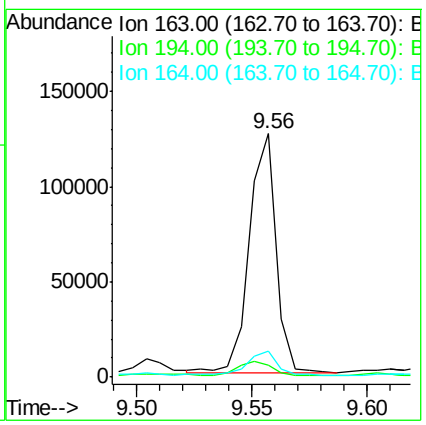


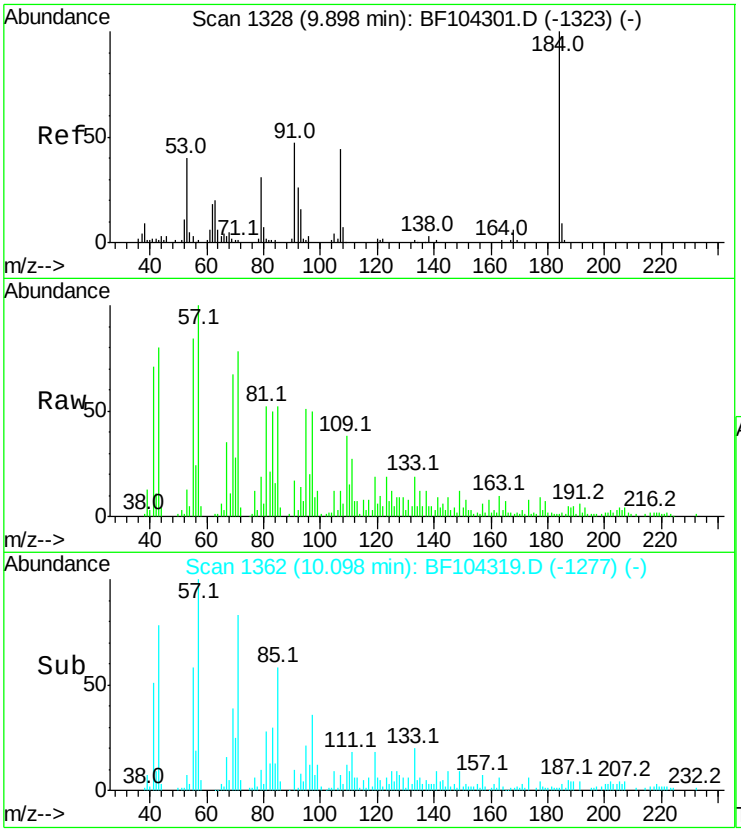


#49
Dimethylphthalate
Concen: 6.086 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion:163 Resp: 101706

Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.7	4.1#
164	10.8	8.2	12.2



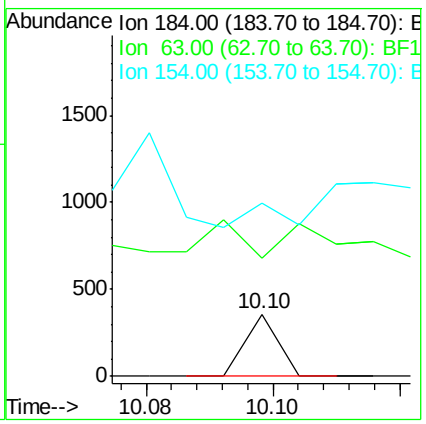


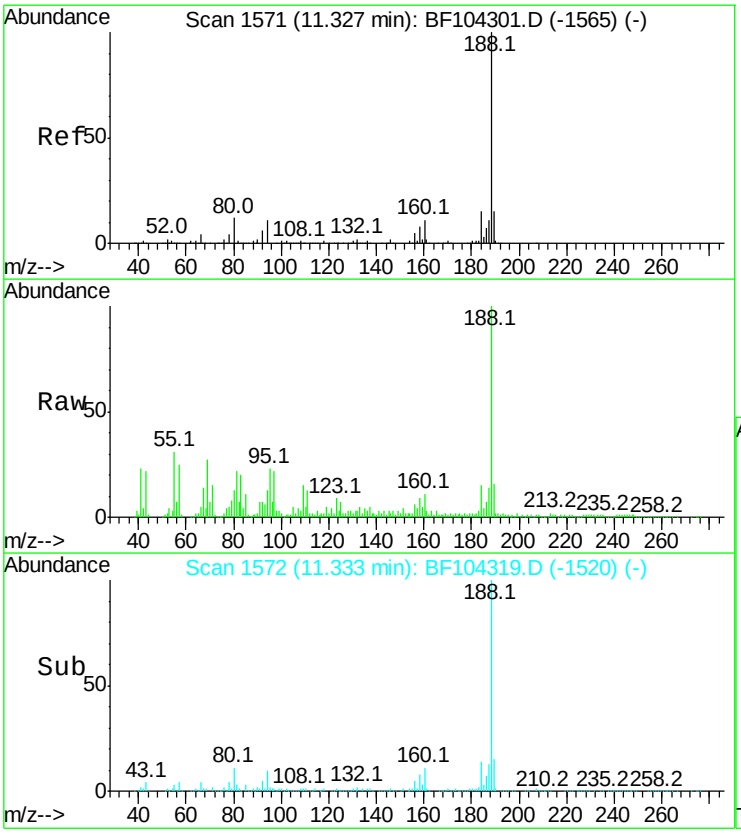
#53
2,4-Dinitrophenol
Concen: 5.274 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.20 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 126

Ion	Ratio	Lower	Upper
184	100		
63	189.1	54.2	81.2#
154	278.2	184.0	276.0#

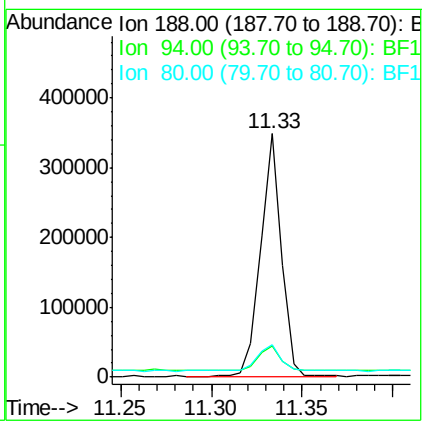


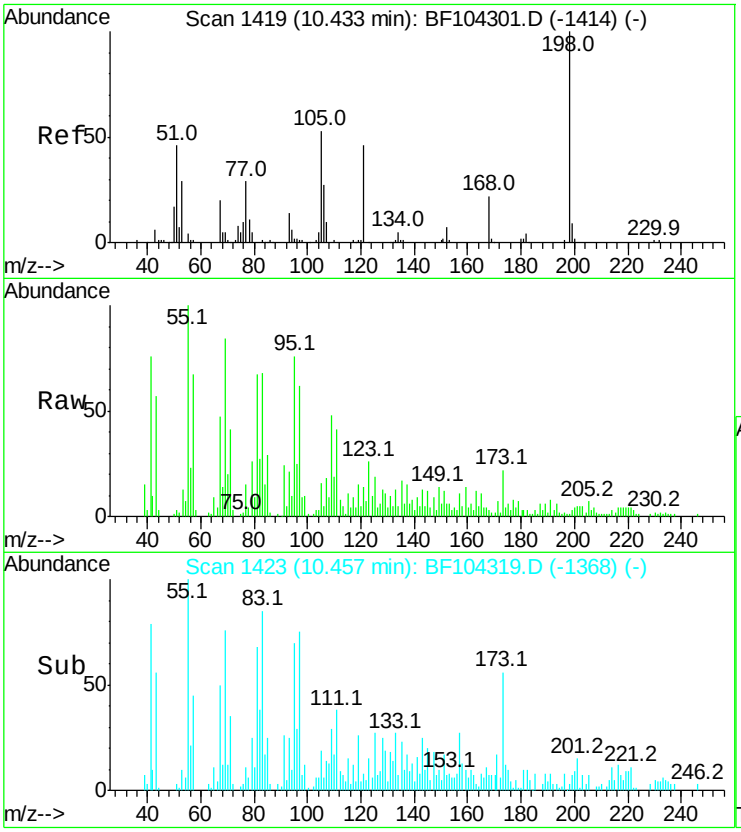


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion:188 Resp: 276554

Ion	Ratio	Lower	Upper
188	100		
94	12.8	8.5	12.7#
80	13.3	9.2	13.8



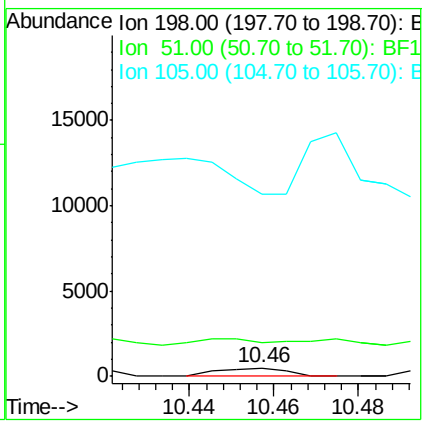


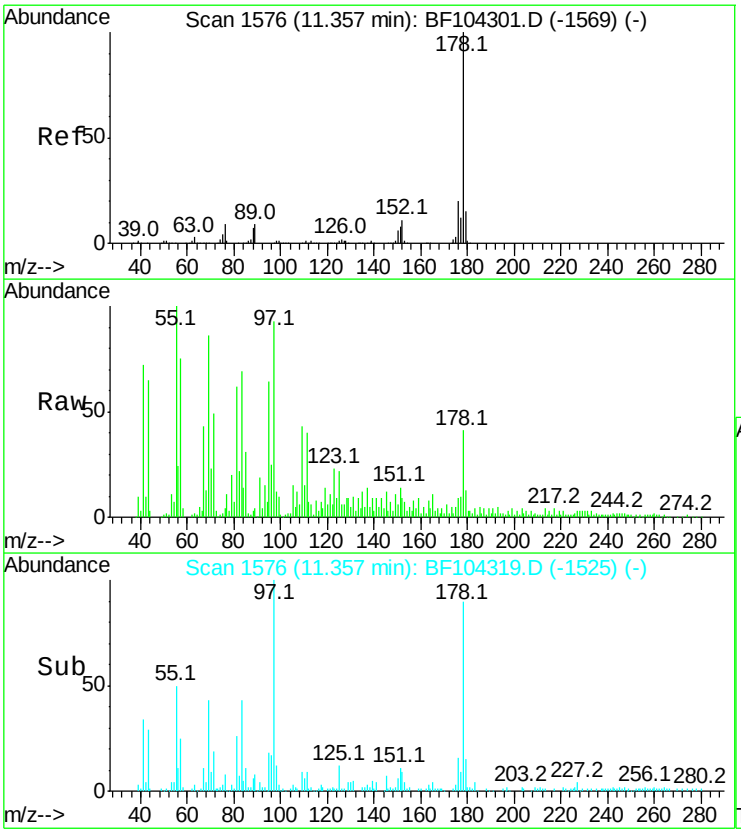
#64
4,6-Dinitro-2-methylphenol
Concen: 7.697 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.02 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 556

Ion	Ratio	Lower	Upper
198	100		
51	391.2	37.7	77.7#
105	2084.6	36.3	76.3#

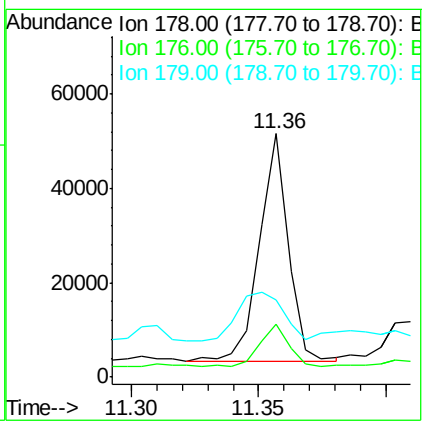


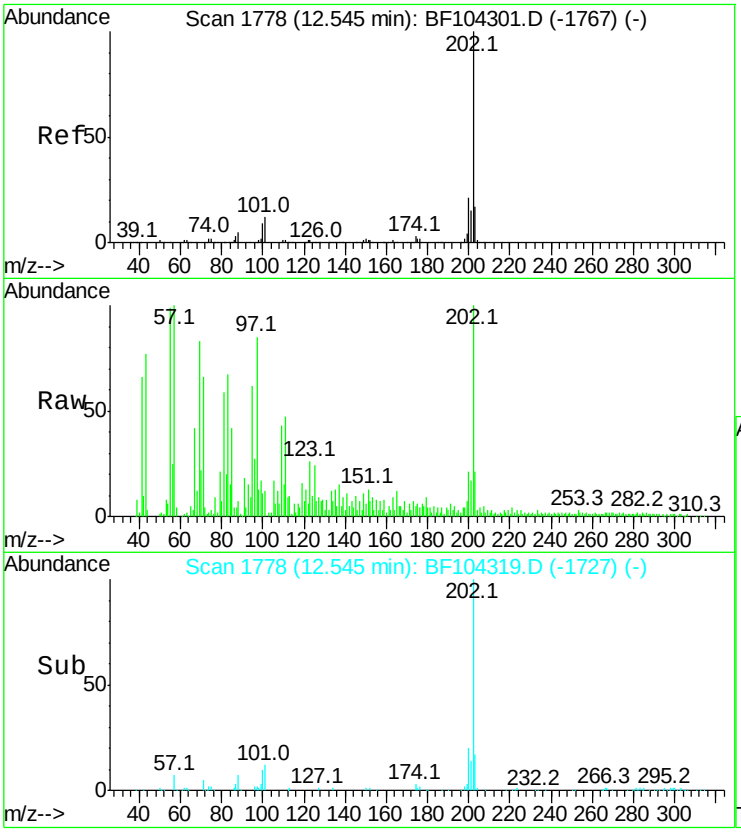


#70
Phenanthrene
Concen: 2.484 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion:178 Resp: 38260

Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.8	23.8
179	31.6	13.0	19.6#



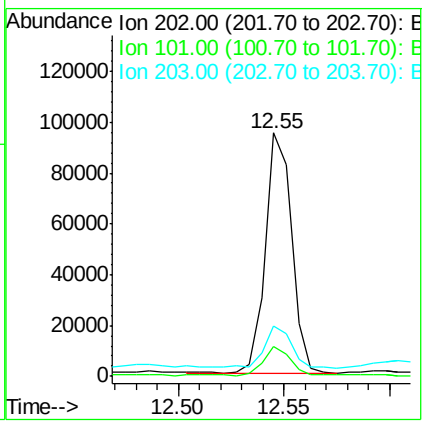


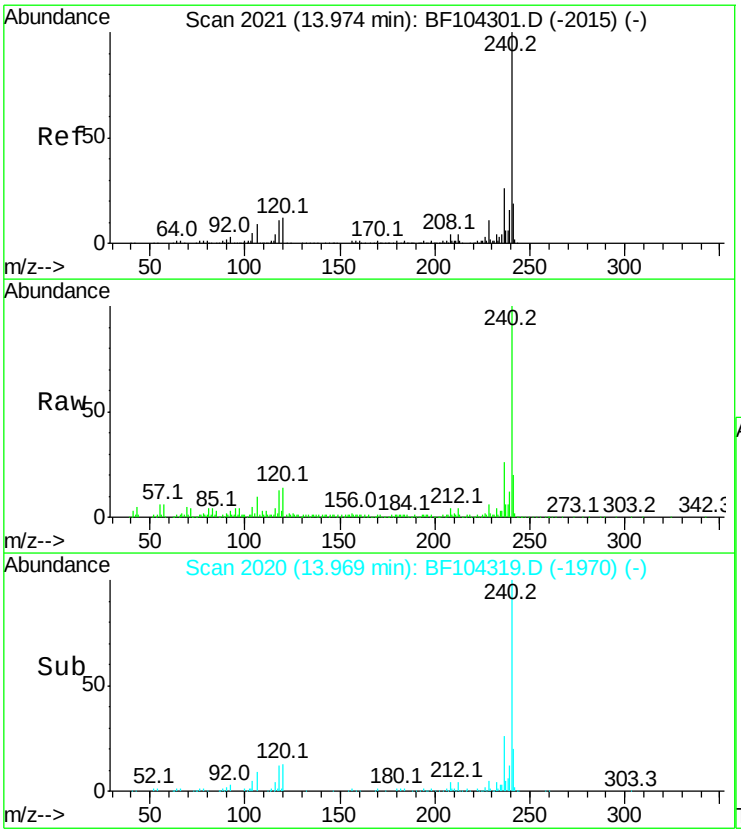
#74
Fluoranthene
Concen: 5.087 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 81858

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	20.9	0.0	38.1

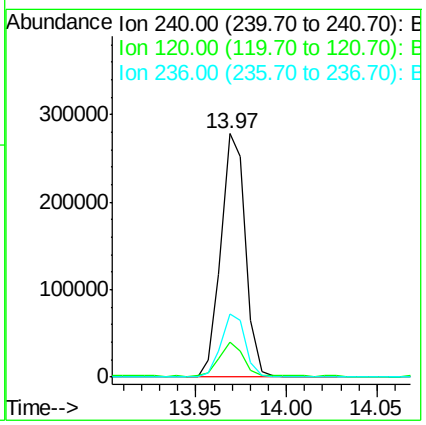


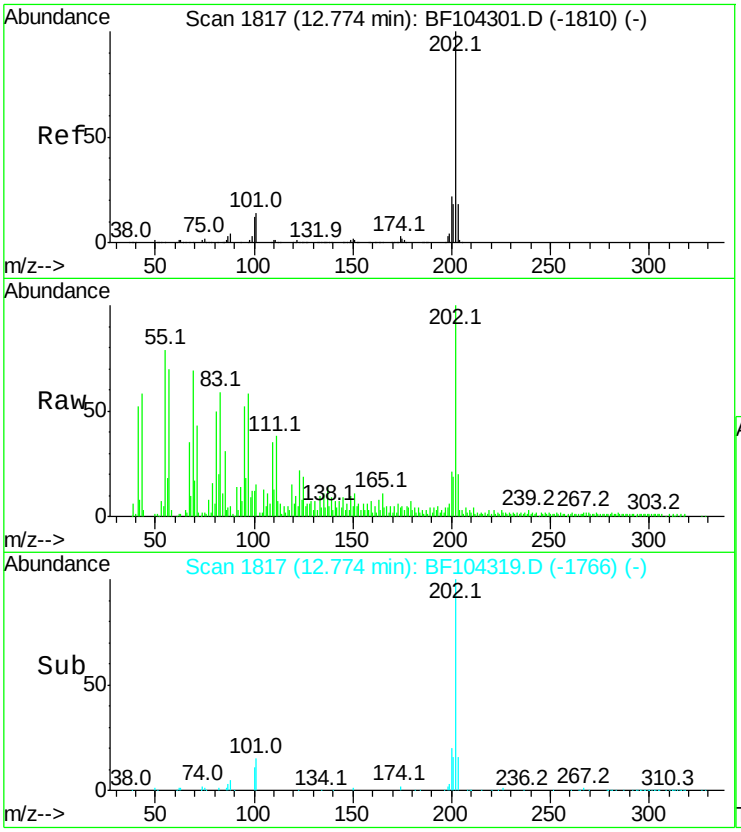


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion:240 Resp: 264206

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.8	20.7	31.1



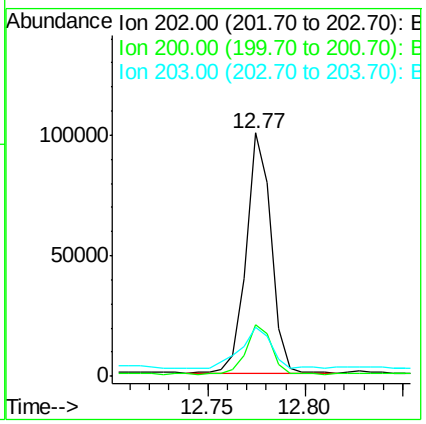


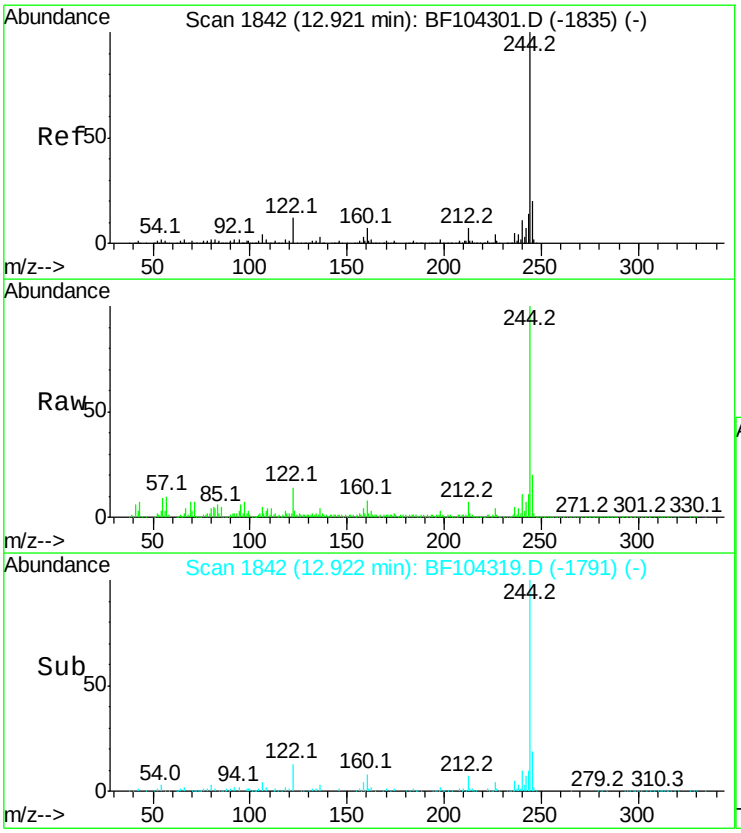
#77
Pyrene
Concen: 4.475 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 87630

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	20.2	14.3	21.5

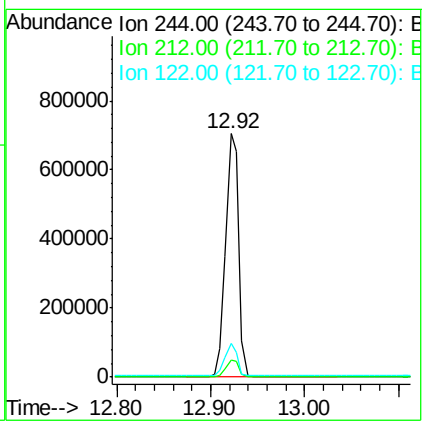


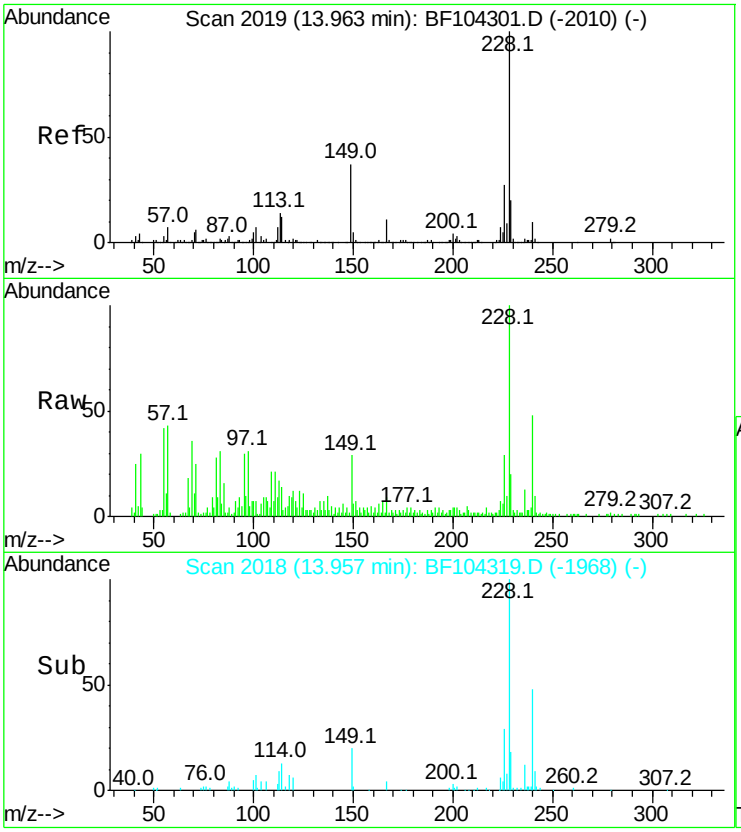


#78
Terphenyl-d14
Concen: 58.420 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion:244 Resp: 677019

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.8	11.0	16.4



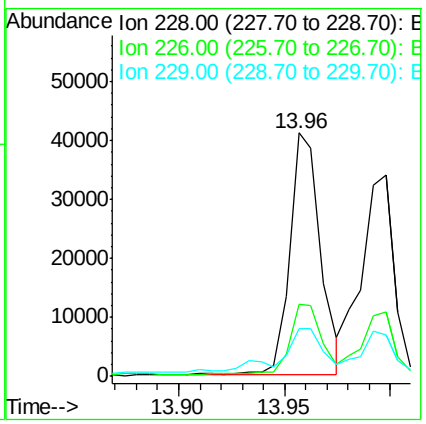


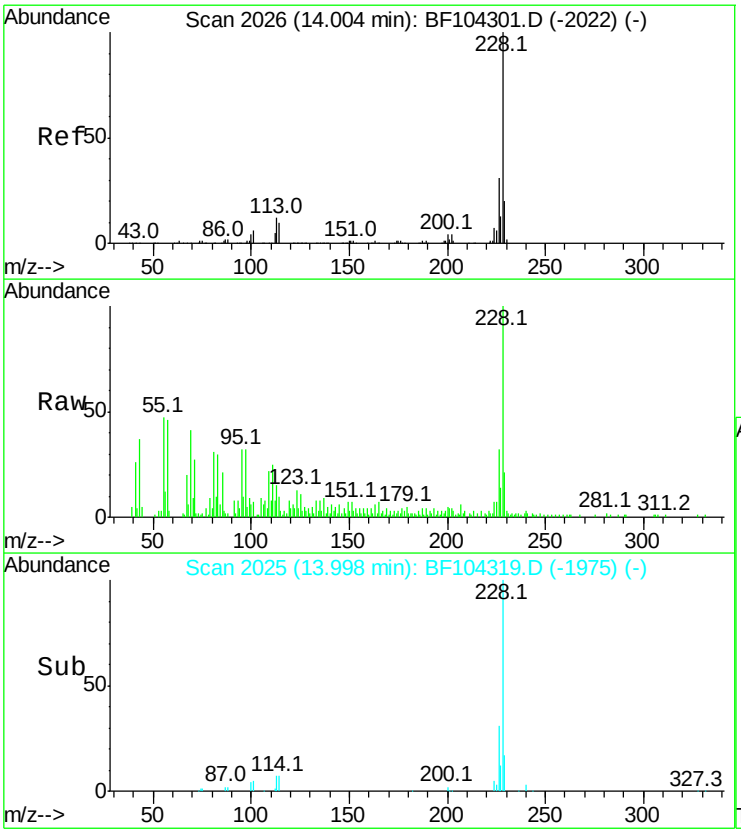
#80
Benzo(a)anthracene
Concen: 2.638 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 41642

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	19.8	15.8	23.6

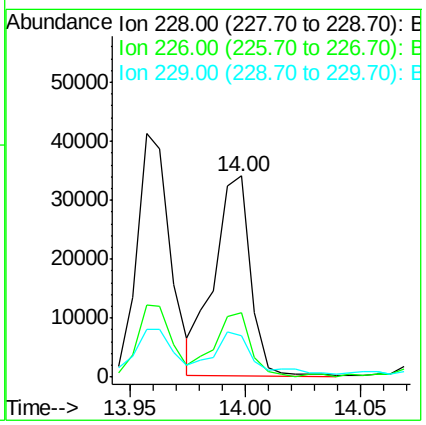


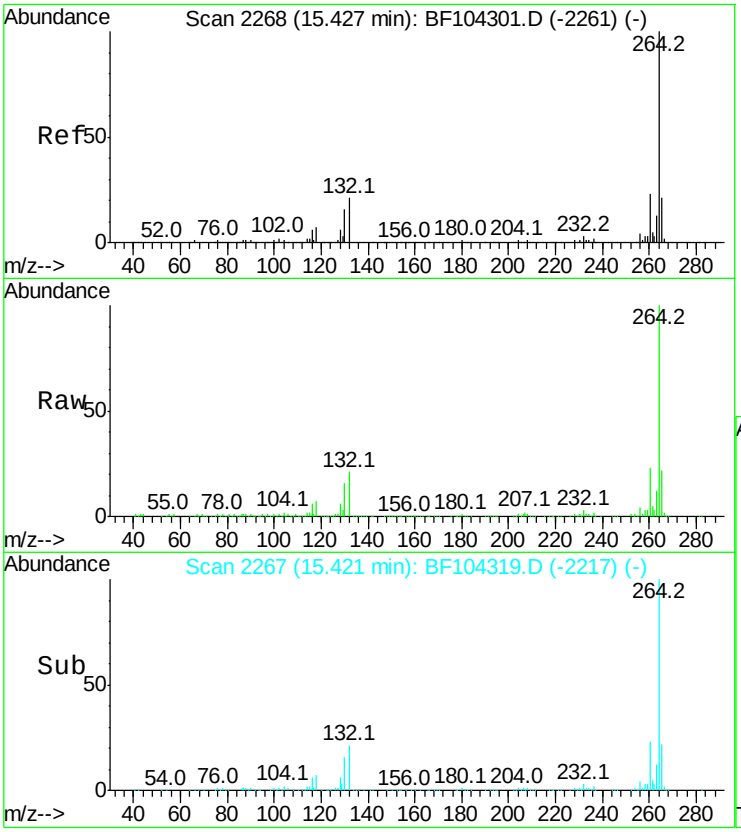


#82
Chrysene
Concen: 2.296 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion:228 Resp: 37227

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	20.9	16.2	24.4



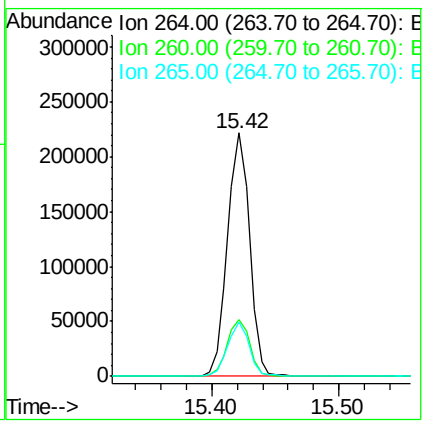


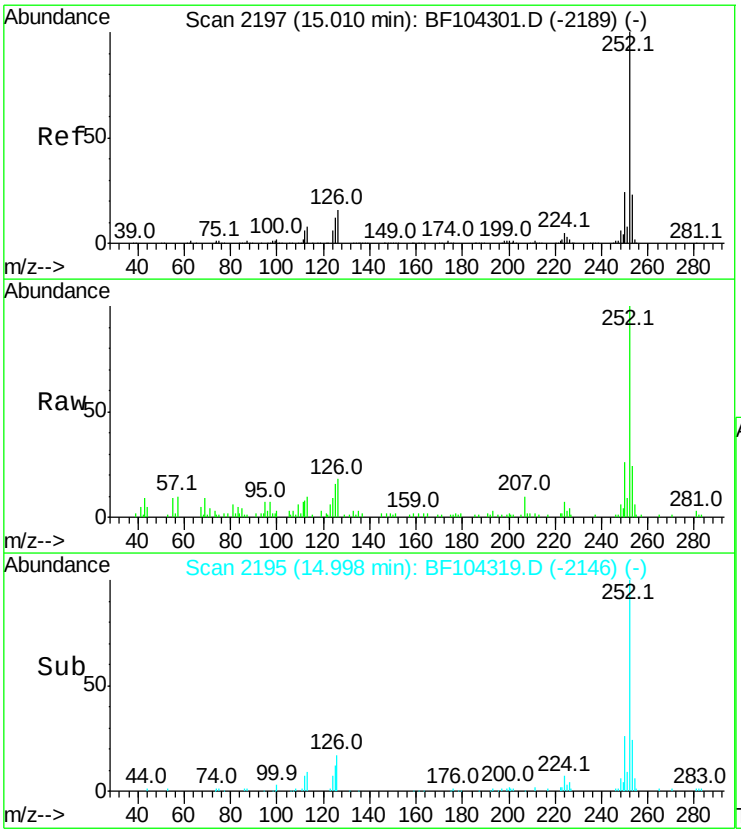
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 267506

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	17.5	26.3

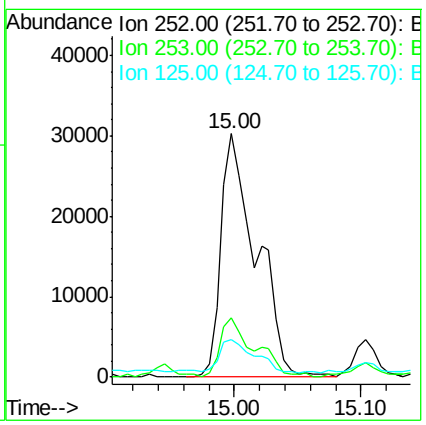


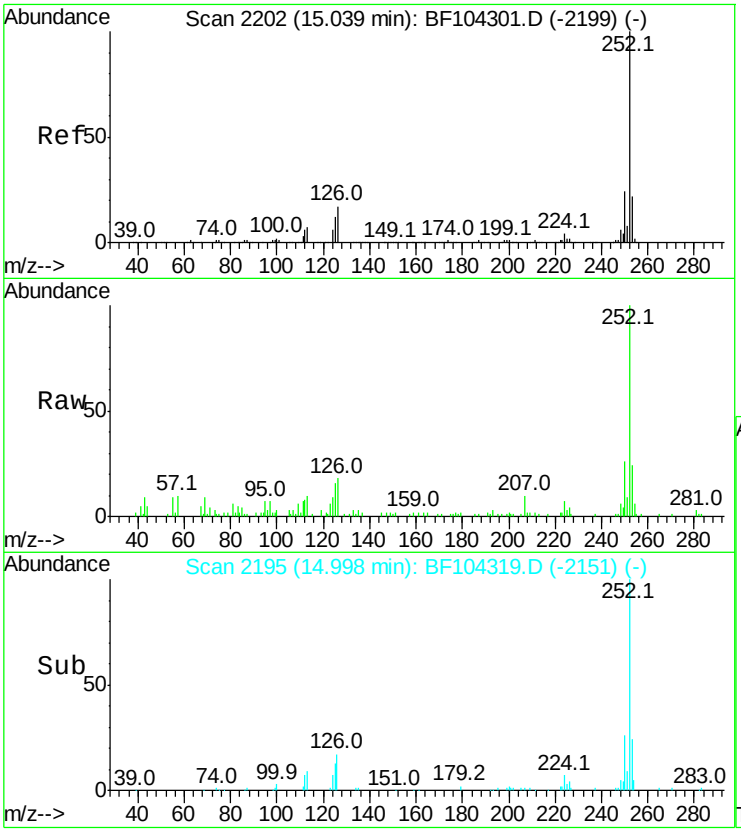


#87
Benzo(b)fluoranthene
Concen: 3.485 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Tgt Ion:252 Resp: 58883

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	15.5	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.692 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.04 min
Lab File: BF104319.D
Acq: 6 Apr 2018 21:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 58883

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	15.5	10.2	15.2#