Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104457.D
Acq On : 12 Apr 2018 18:02
Operator : JU/SJ
Sample : J2163-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 13 00:15:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129874	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	500944	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	197629	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	307380	20.00	ng		0.00
75) Chrysene-d12	13.99	240	268835	20.00	ng		0.00
86) Perylene-d12	15.46	264	201722	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	433221	51.00	ng		0.00
7) Phenol-d6	6.43	99	503780	48.27	ng		-0.01
23) Nitrobenzene-d5	7.37	82	292818	38.17	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	88925	43.38	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	488759	39.07	ng		0.00
78) Terphenyl-d14	12.93	244	373614	31.68	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	9357	Below Cal			81
19) n-Nitroso-di-n-propylamine	7.37	70	38033	5.577	ng	#	74
25) Isophorone	7.37	82	292810	18.049	ng	#	64
49) Dimethylphthalate	9.56	163	32498	2.085	ng		98
50) 2,6-Dinitrotoluene	9.85	165	25952	8.999	ng	#	26
56) 2,4-Dinitrotoluene	9.85	165	25952	6.861	ng	#	24
70) Phenanthrene	11.36	178	64263	3.754	ng		97
74) Fluoranthene	12.55	202	80618	4.508	ng		98
76) Benzidine	12.93	184	5056	Below Cal		#	94
77) Pyrene	12.78	202	91457	4.590	ng		98
80) Benzo(a)anthracene	13.97	228	41782	2.602	ng		95
82) Chrysene	14.01	228	42193	2.558	ng		96
87) Benzo(b)fluoranthene	15.03	252	41069	3.224	ng	#	85
88) Benzo(k)fluoranthene	15.03	252	41069	3.414	ng	#	88
89) Benzo(a)pyrene	15.39	252	22956	2.014	ng	#	88

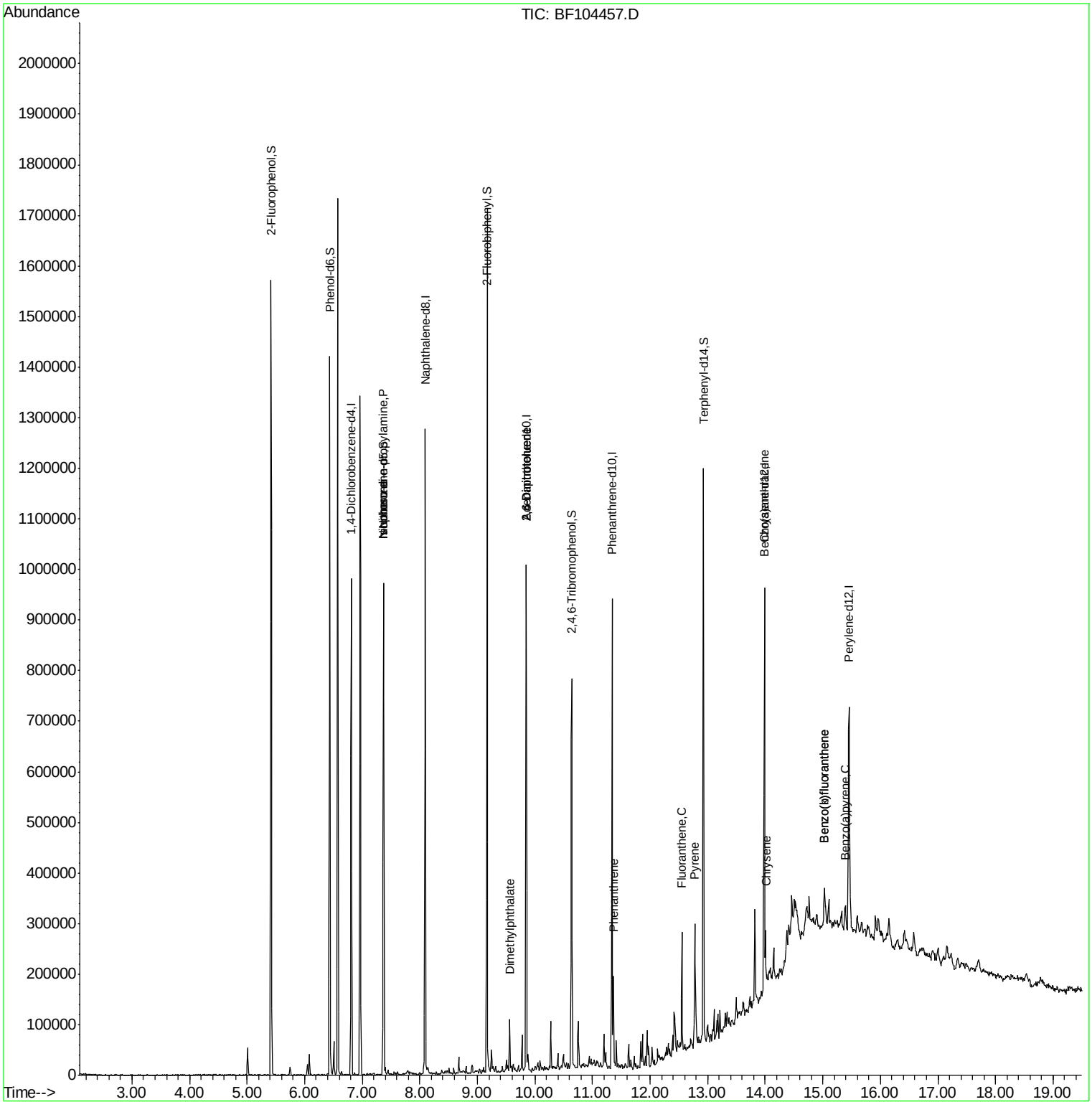
(#) = qualifier out of range (m) = manual integration (+) = signals summed

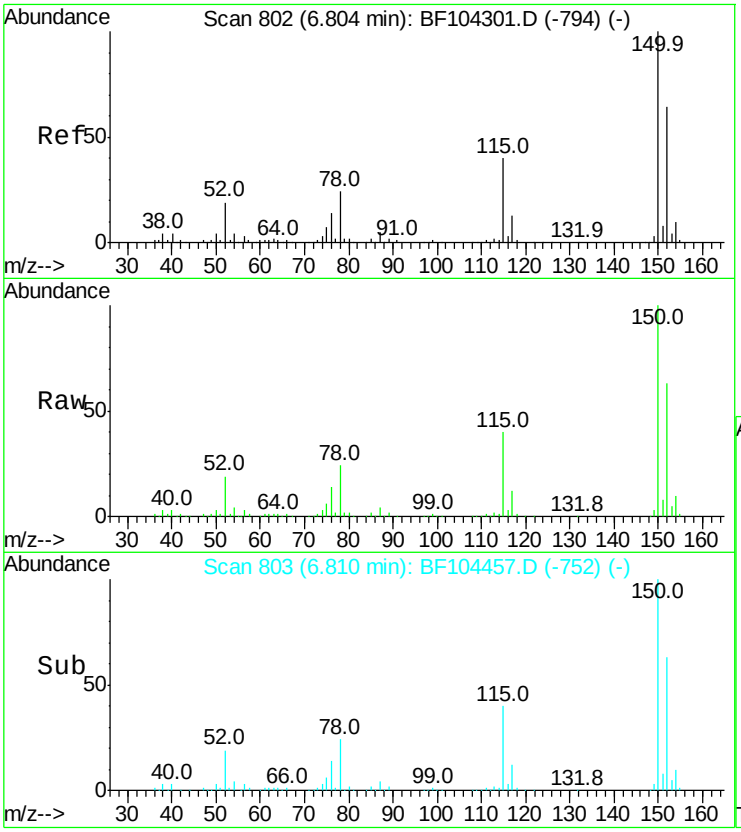
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104457.D
Acq On : 12 Apr 2018 18:02
Operator : JU/SJ
Sample : J2163-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 13 00:15:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration



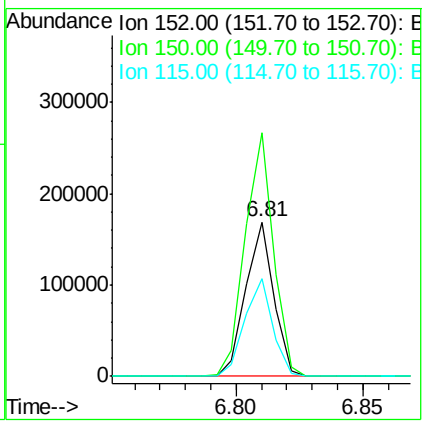


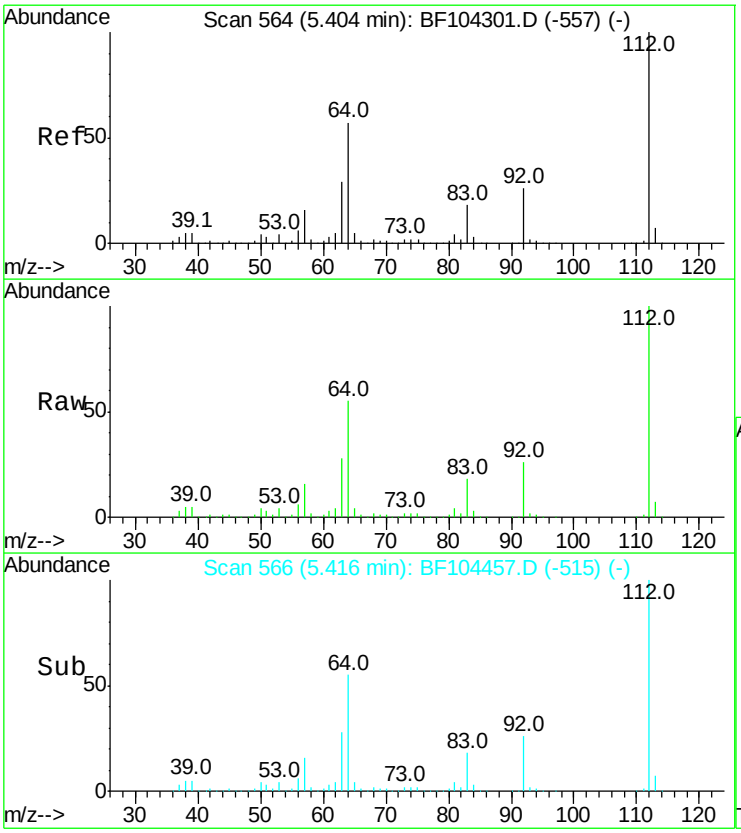
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129874

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	63.1	50.1	75.1

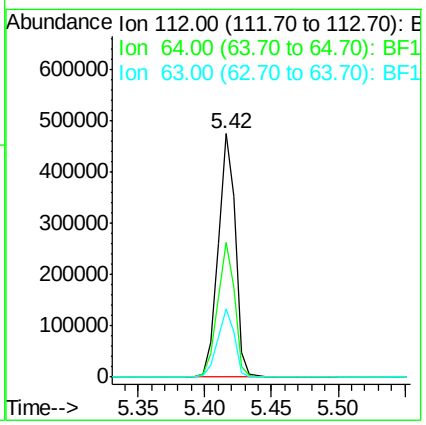


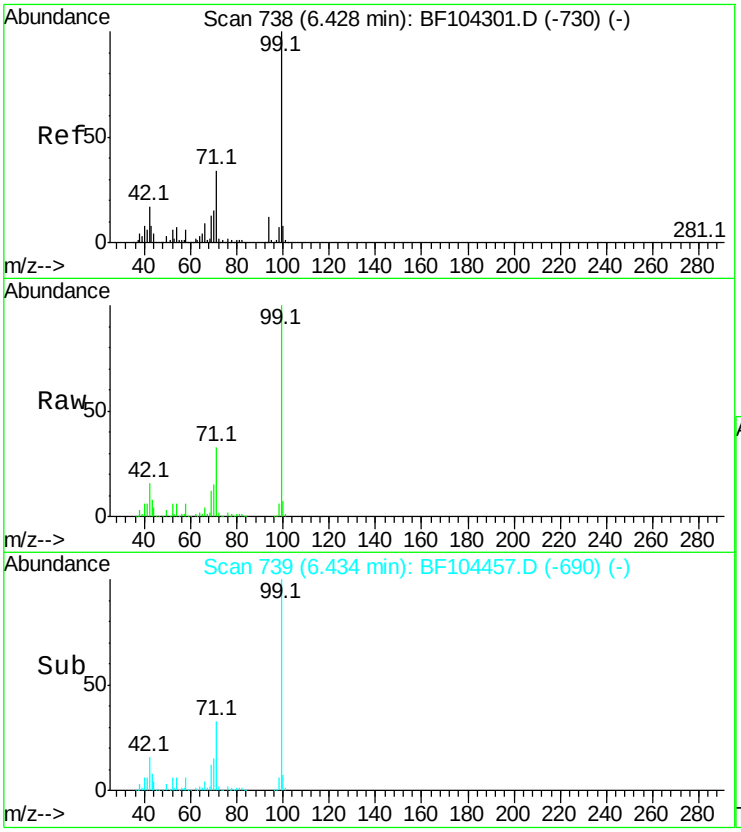


#5
2-Fluorophenol
Concen: 51.005 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Tgt Ion:112 Resp: 433221

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	28.3	23.7	35.5



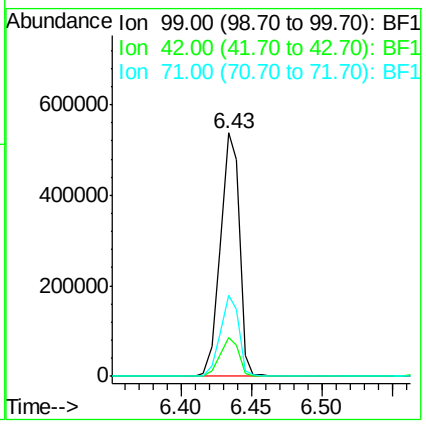


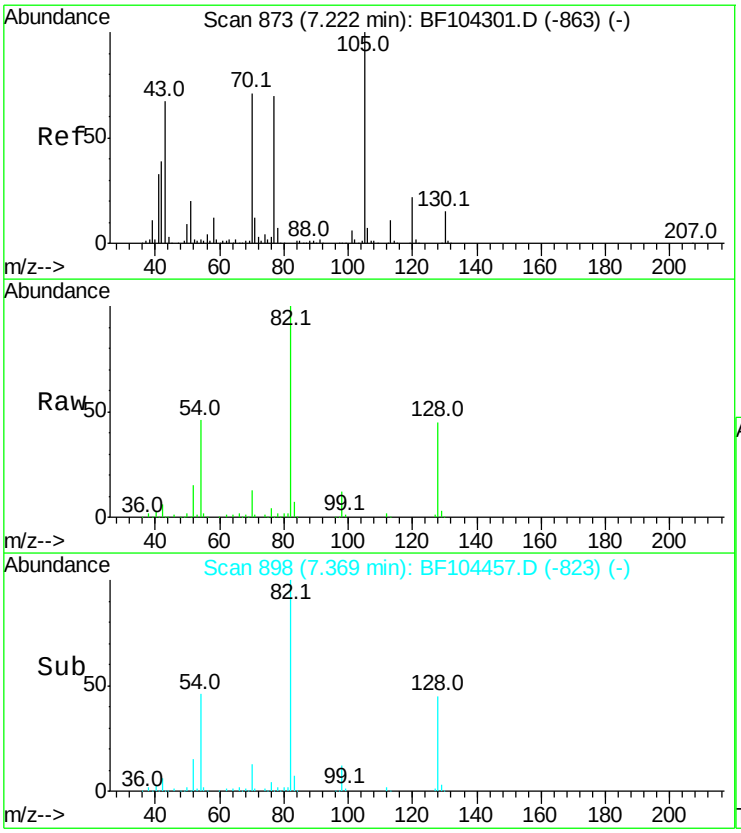
#7
Phenol-d6
Concen: 48.273 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 503780

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.2	25.4	38.0

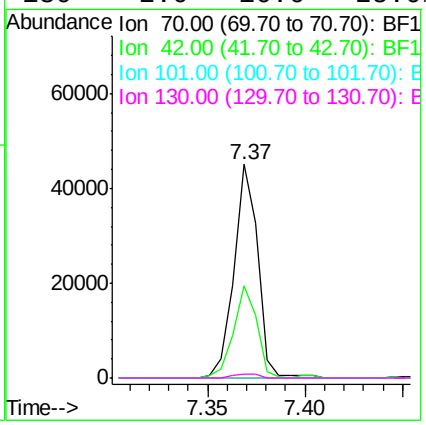


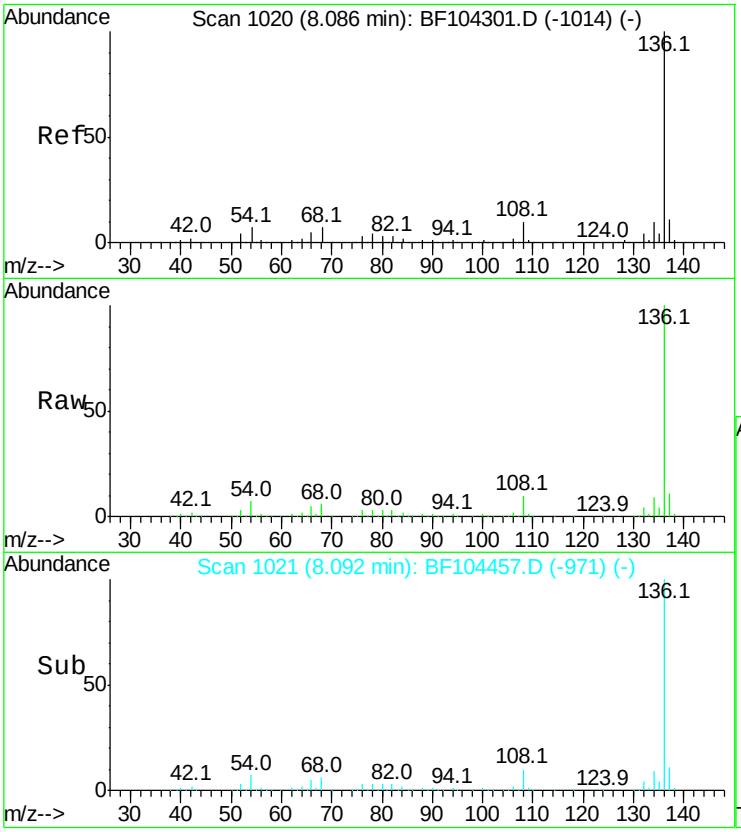


#19
n-Nitroso-di-n-propylamine
Concen: 5.577 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Tgt Ion: 70 Resp: 38033

Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



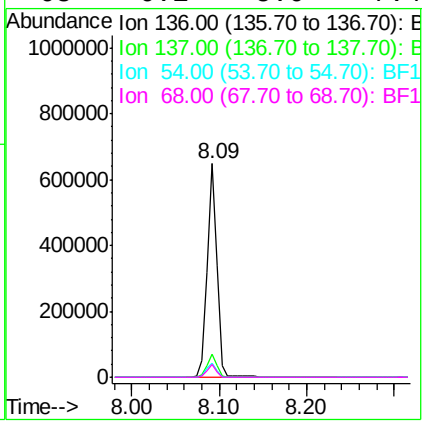


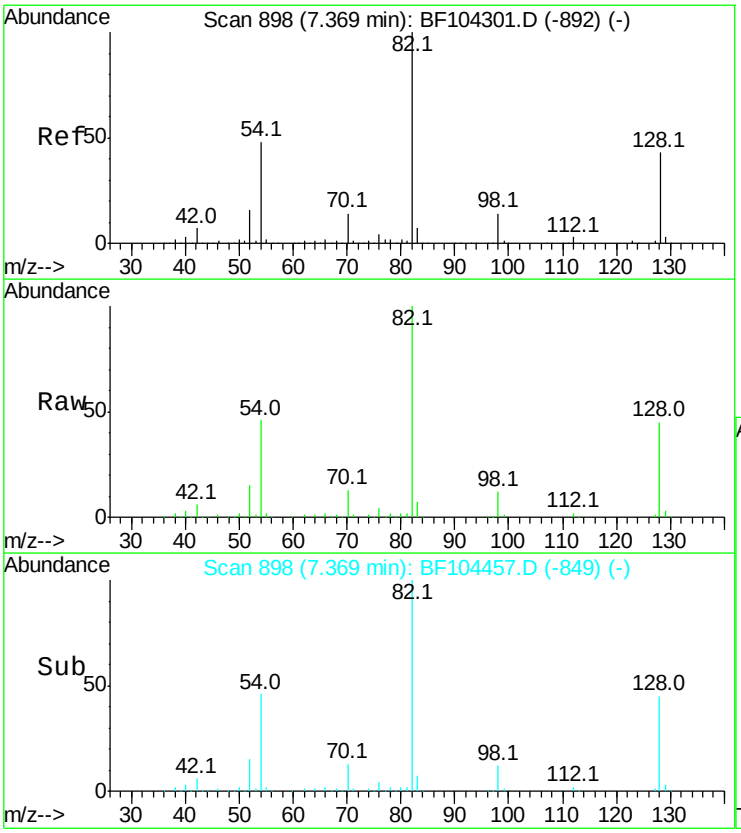
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 500944

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	6.1	5.0	7.4

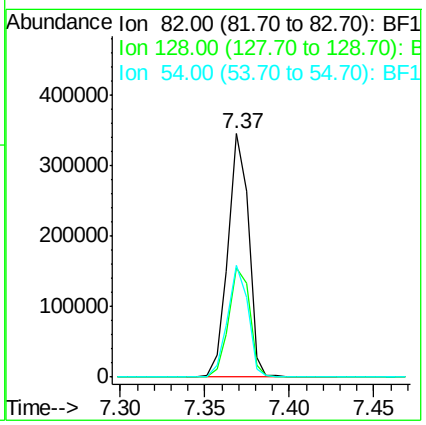


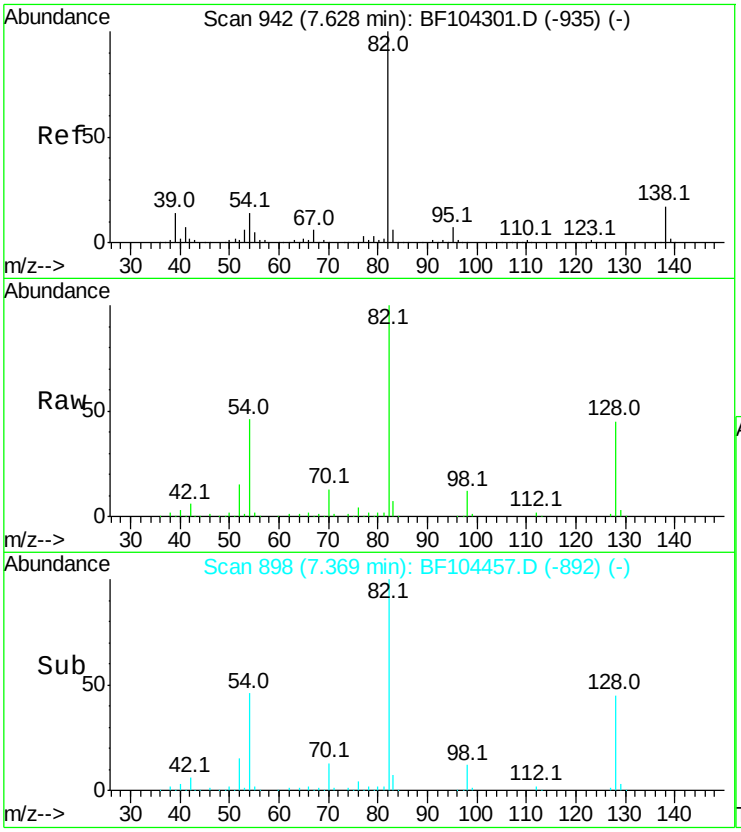


#23
Nitrobenzene-d5
Concen: 38.169 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Tgt Ion: 82 Resp: 292818

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	46.2	41.4	62.2



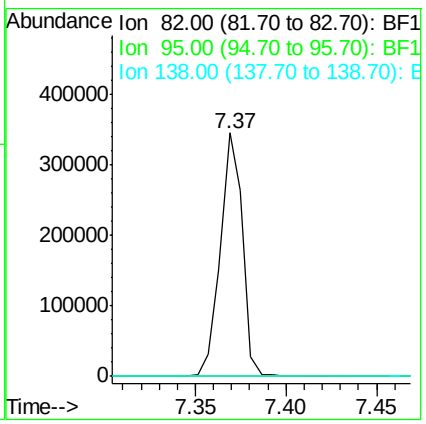


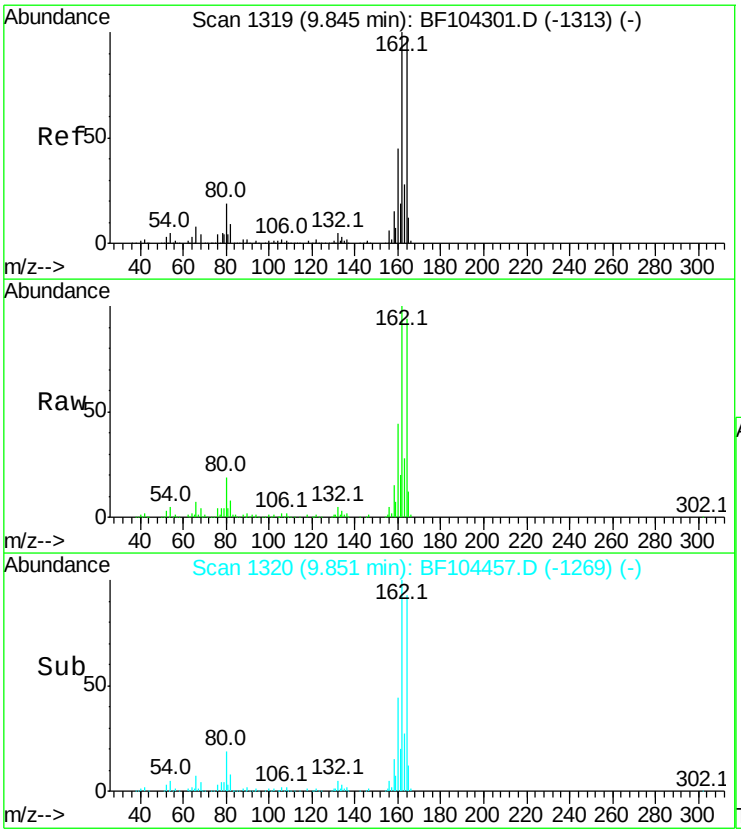
#25
Isophorone
Concen: 18.049 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 292810

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

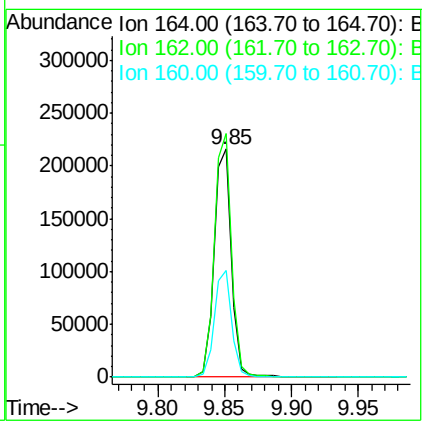


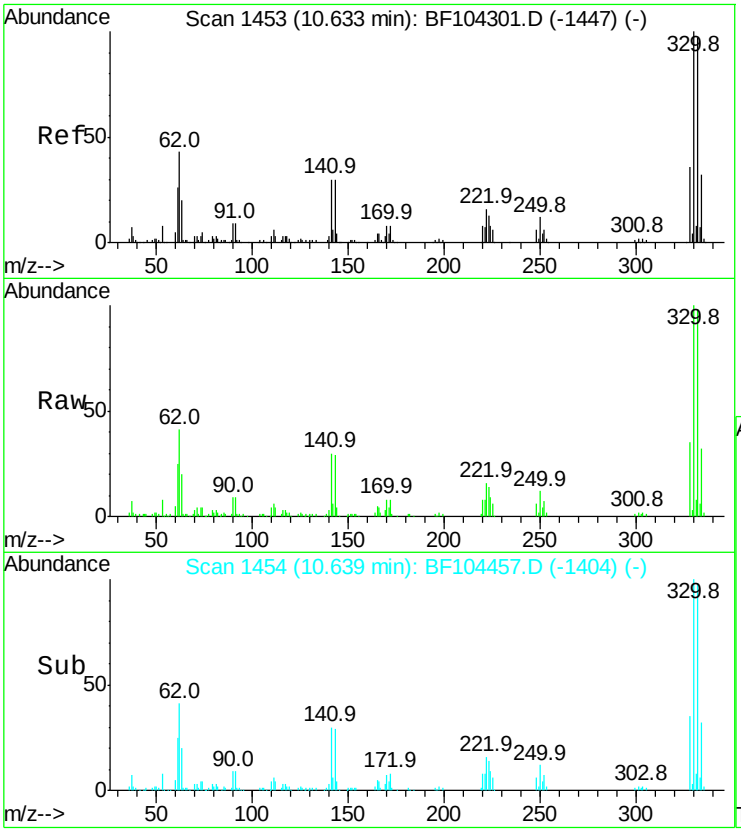


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Tgt Ion:164 Resp: 197629

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	46.8	38.3	57.5



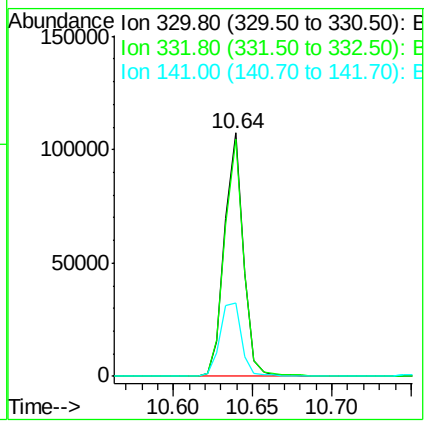


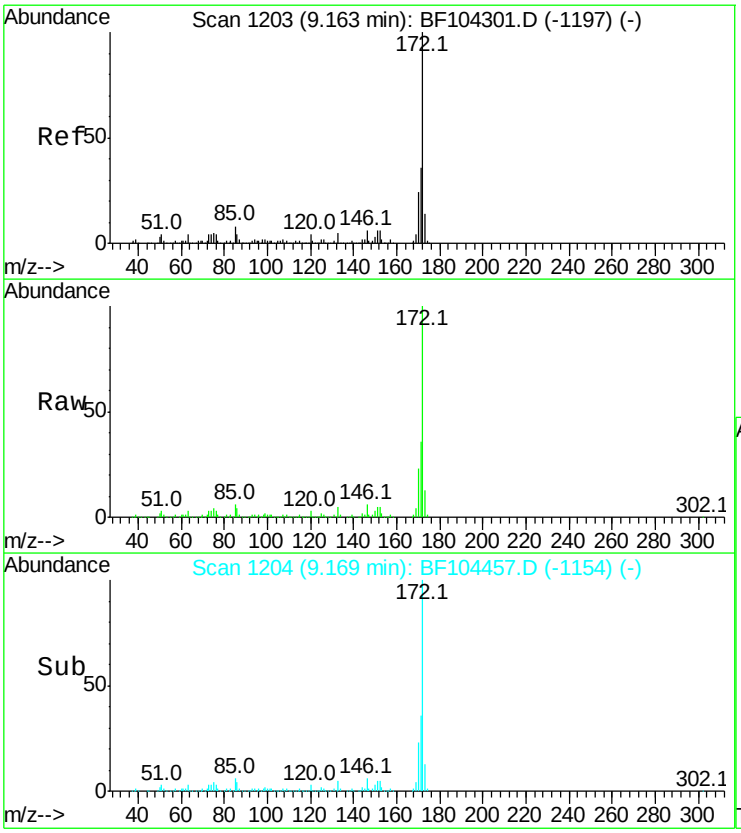
#41
2,4,6-Tribromophenol
Concen: 43.377 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 88925

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	35.0	29.9	44.9

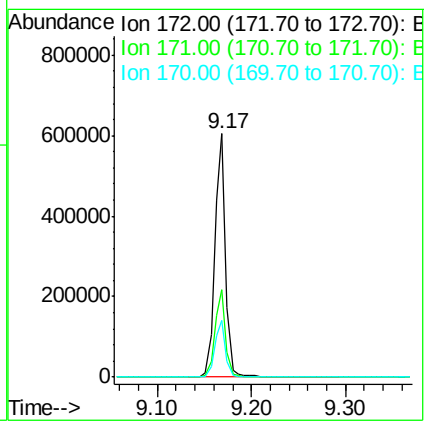


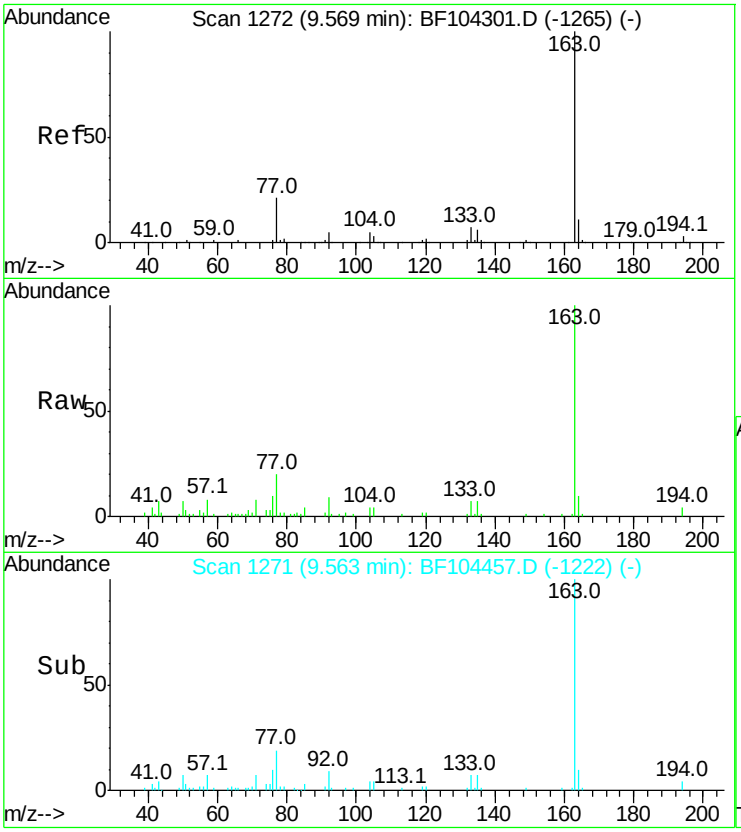


#44
2-Fluorobiphenyl
Concen: 39.069 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Tgt Ion:172 Resp: 488759

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.4	19.6	29.4



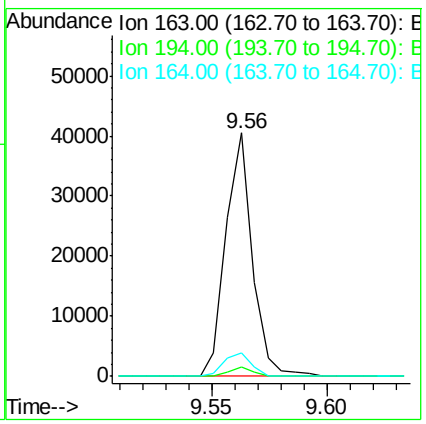


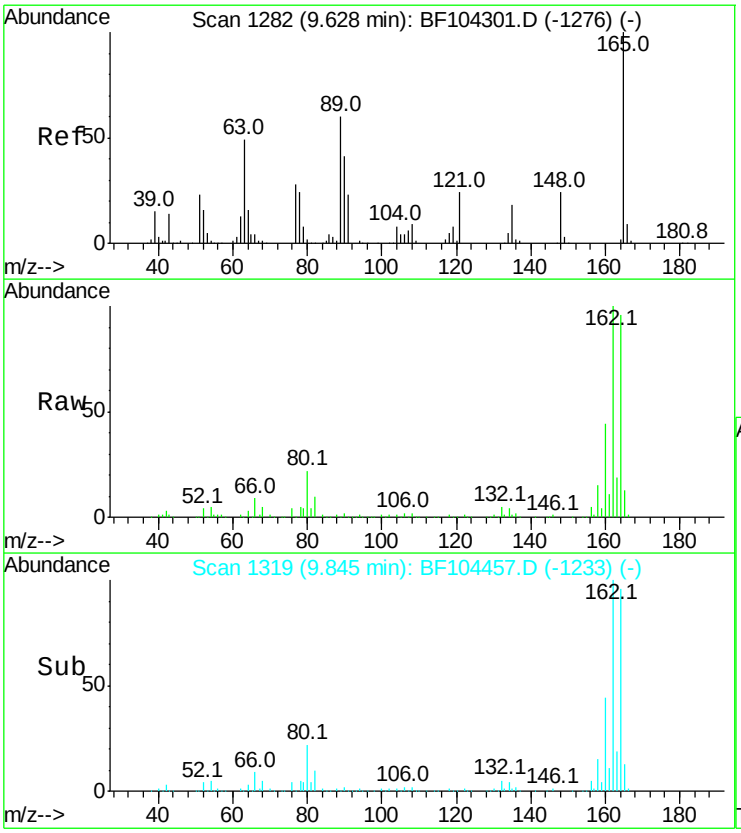
#49
Dimethylphthalate
Concen: 2.085 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 32498

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.5	8.2	12.2

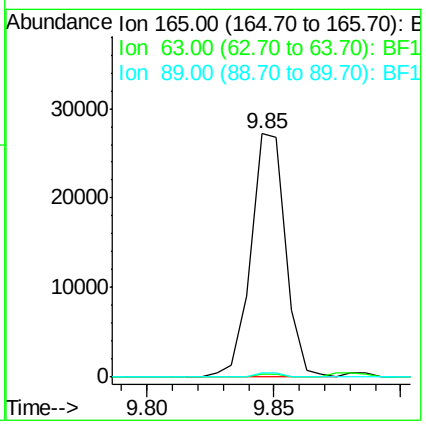


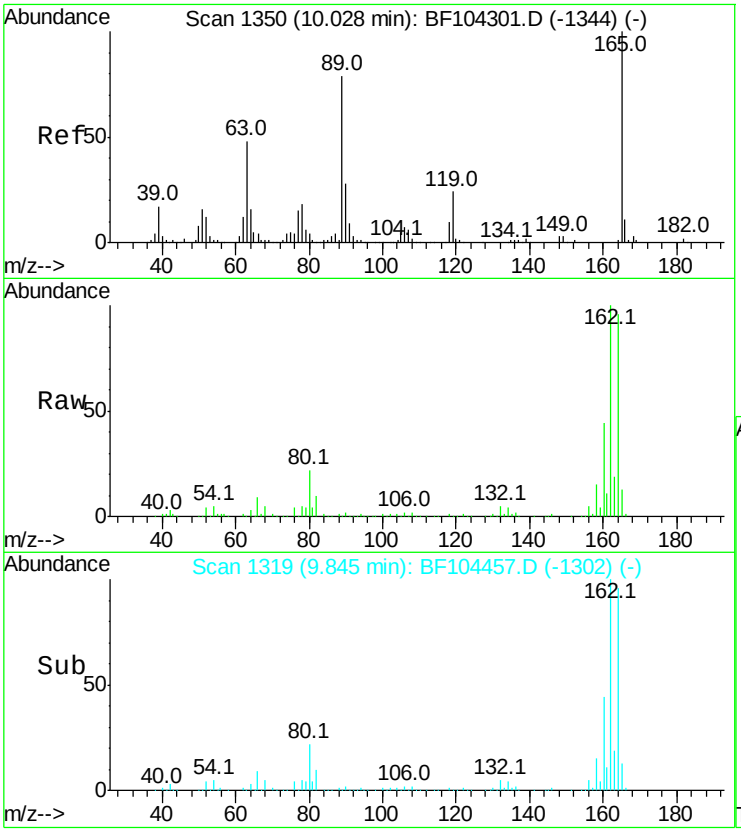


#50
2,6-Dinitrotoluene
Concen: 8.999 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Tgt Ion:165 Resp: 25952

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	2.0	44.0	66.0#



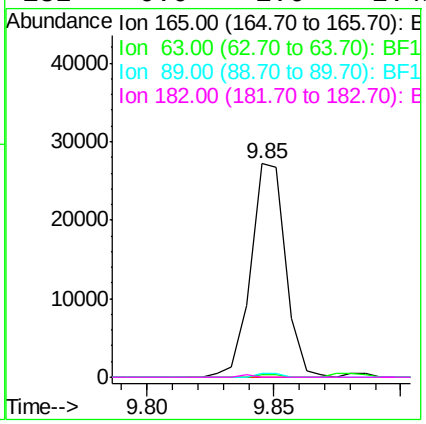


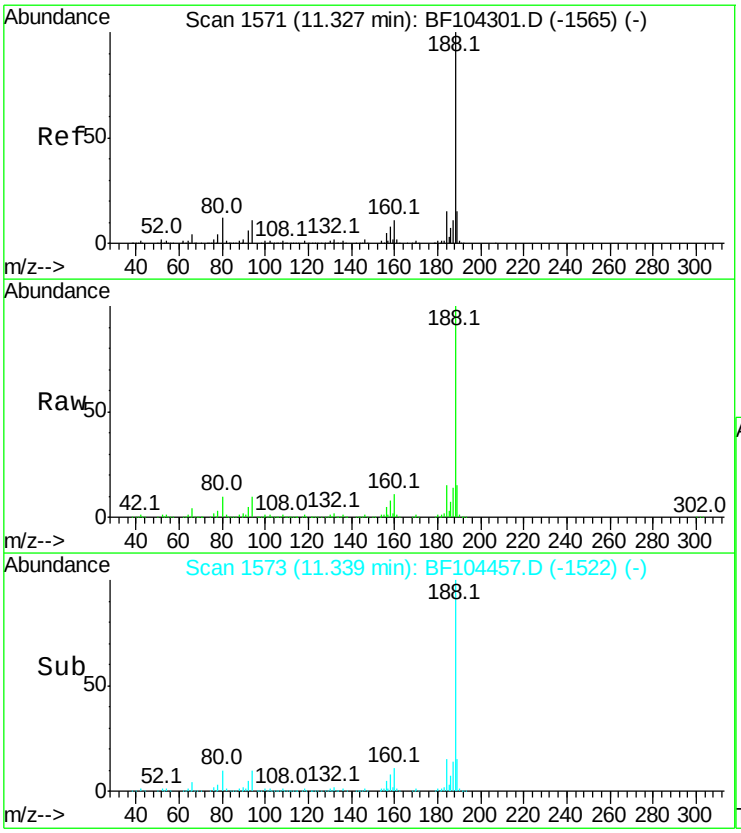
#56
2,4-Dinitrotoluene
Concen: 6.861 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25952

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

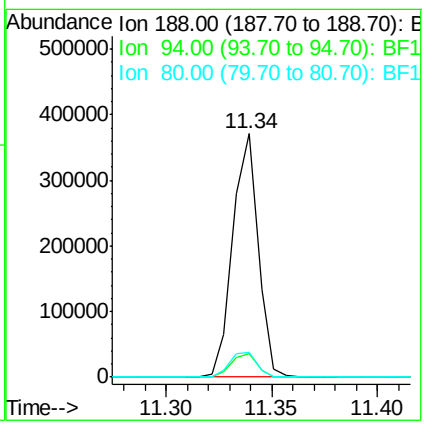


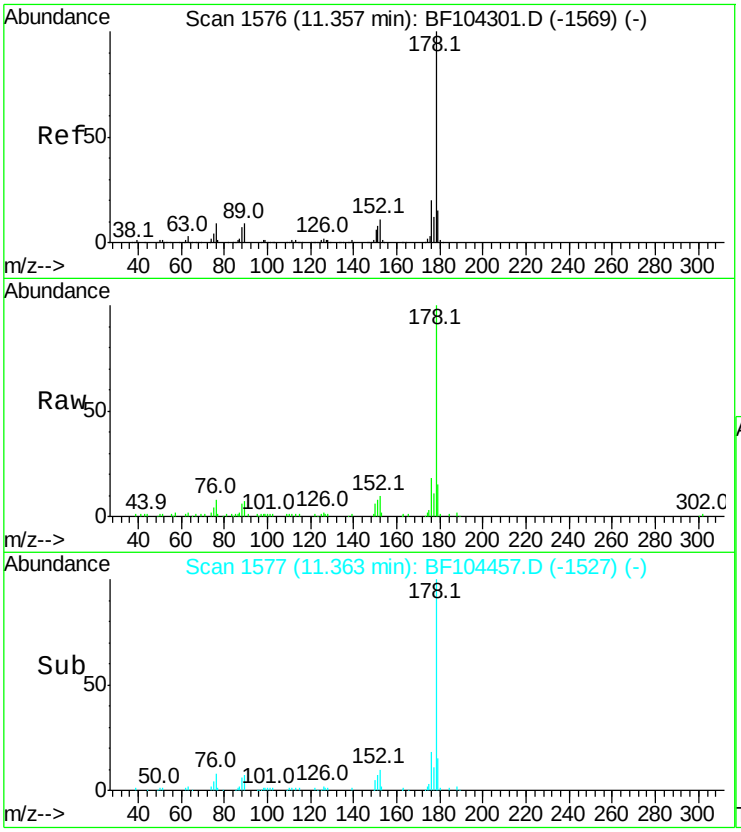


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Tgt Ion:188 Resp: 307380

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.2	9.2	13.8



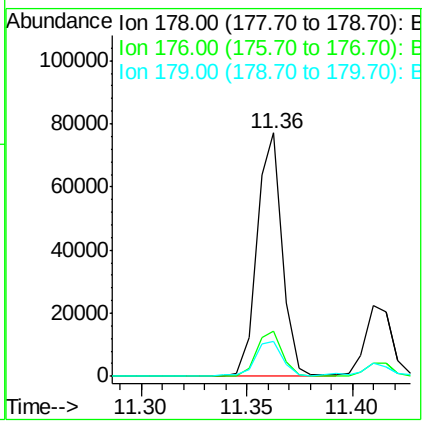


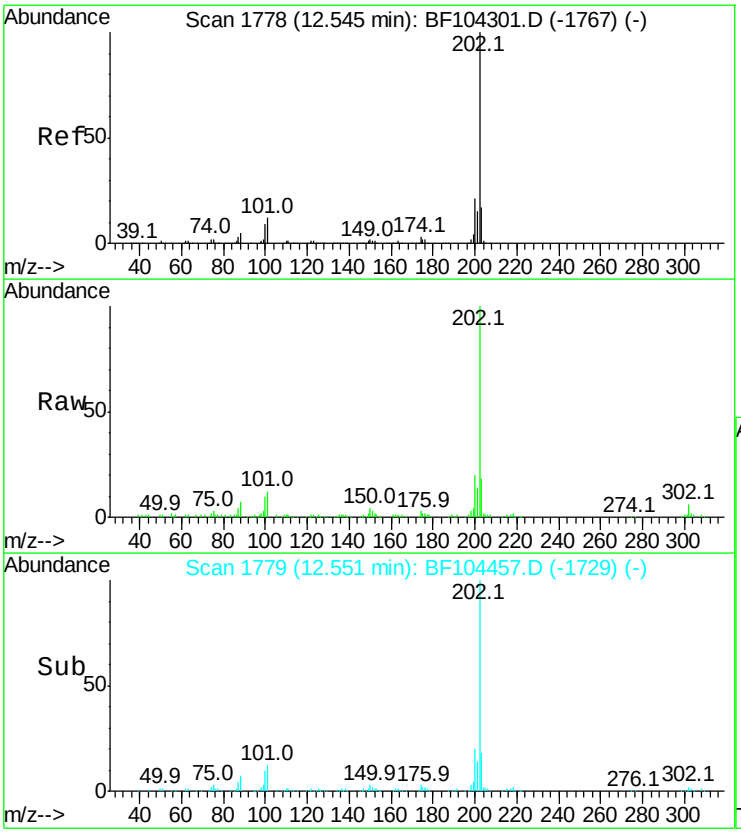
#70
Phenanthrene
Concen: 3.754 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 64263

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.6	13.0	19.6

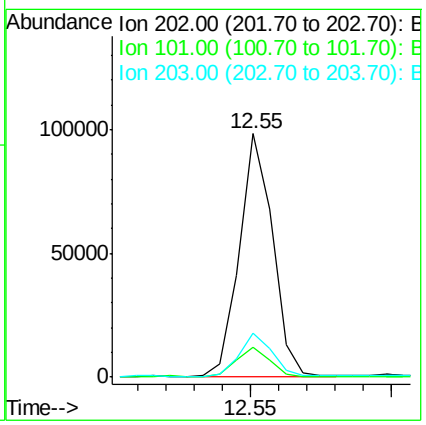


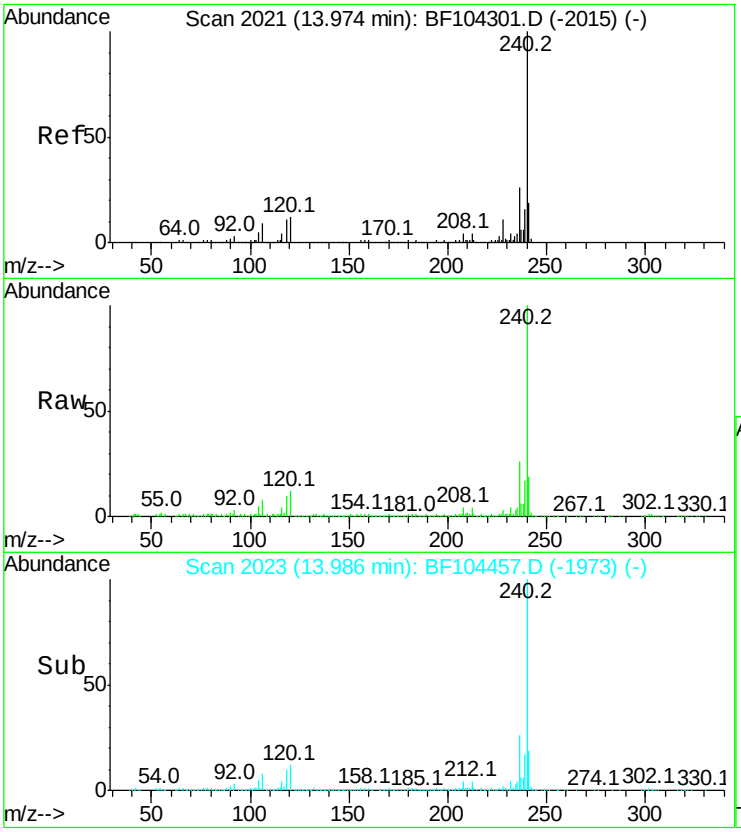


#74
Fluoranthene
Concen: 4.508 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Tgt Ion:202 Resp: 80618

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.8	0.0	38.1



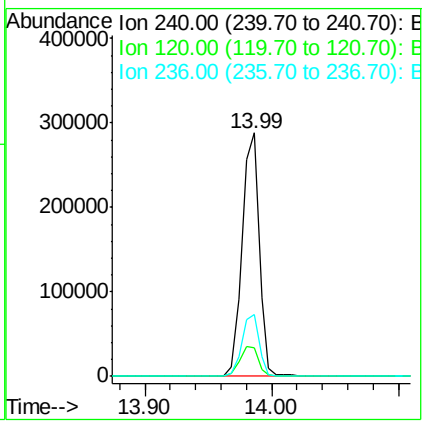


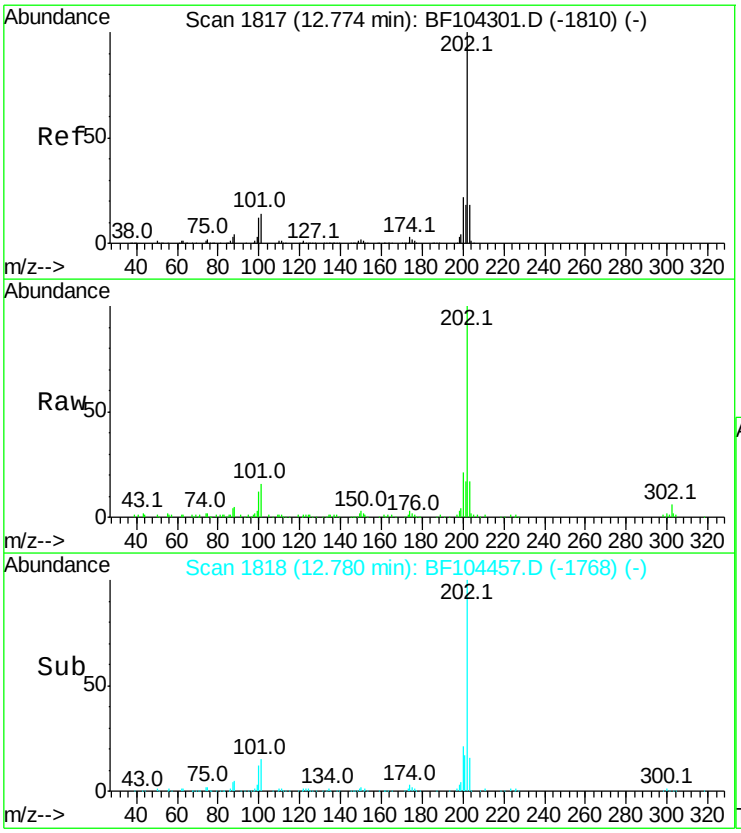
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 268835

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.6	20.7	31.1

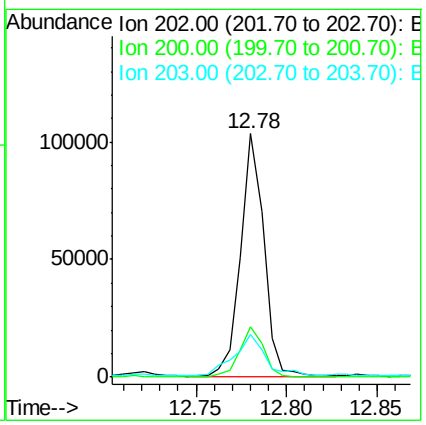


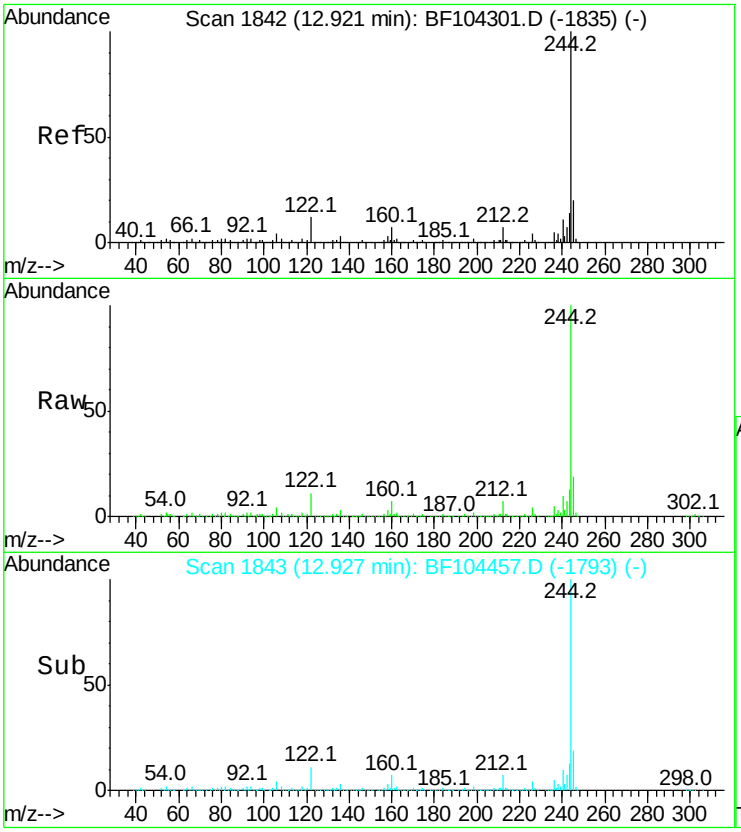


#77
Pyrene
Concen: 4.590 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Tgt Ion:202 Resp: 91457

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.3	14.3	21.5



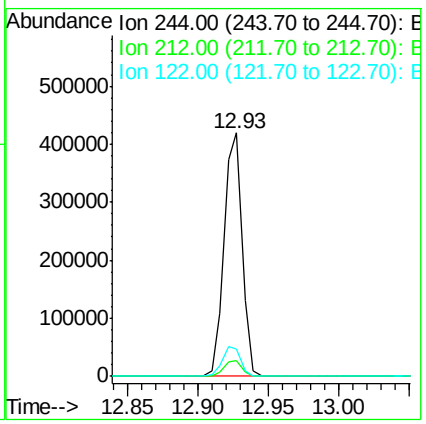


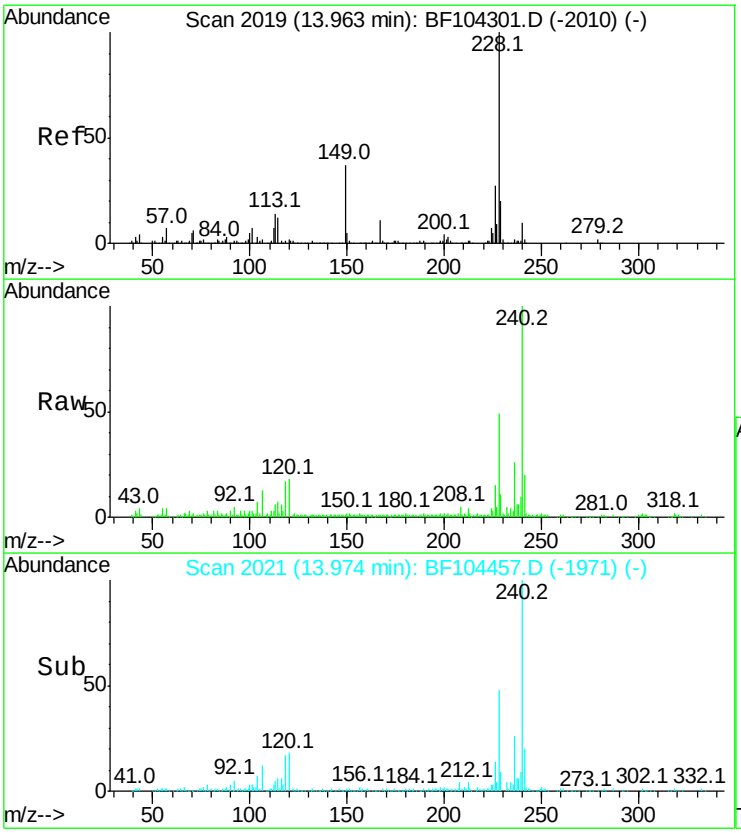
#78
Terphenyl-d14
Concen: 31.684 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 373614

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.4	11.0	16.4

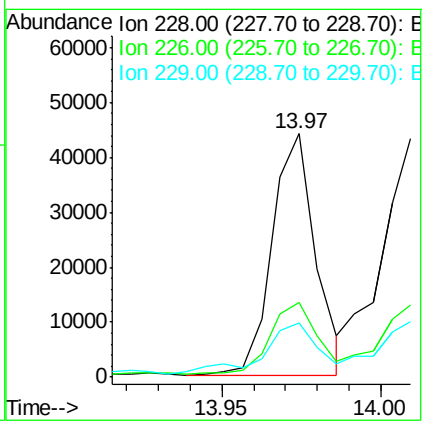


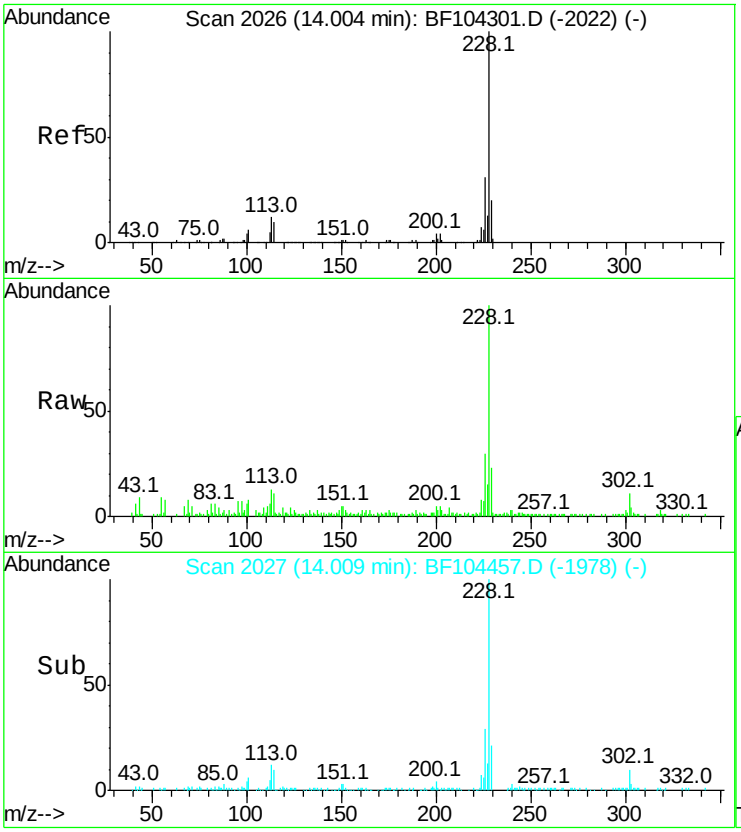


#80
Benzo(a)anthracene
Concen: 2.602 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Tgt Ion:228 Resp: 41782

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	22.4	15.8	23.6



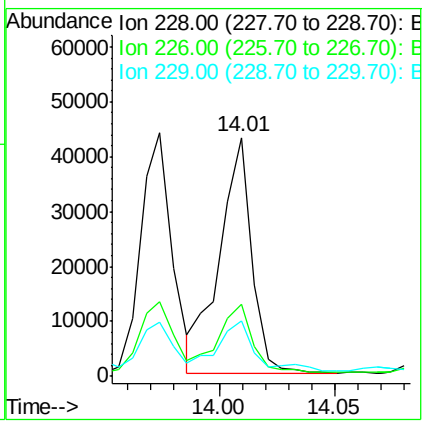


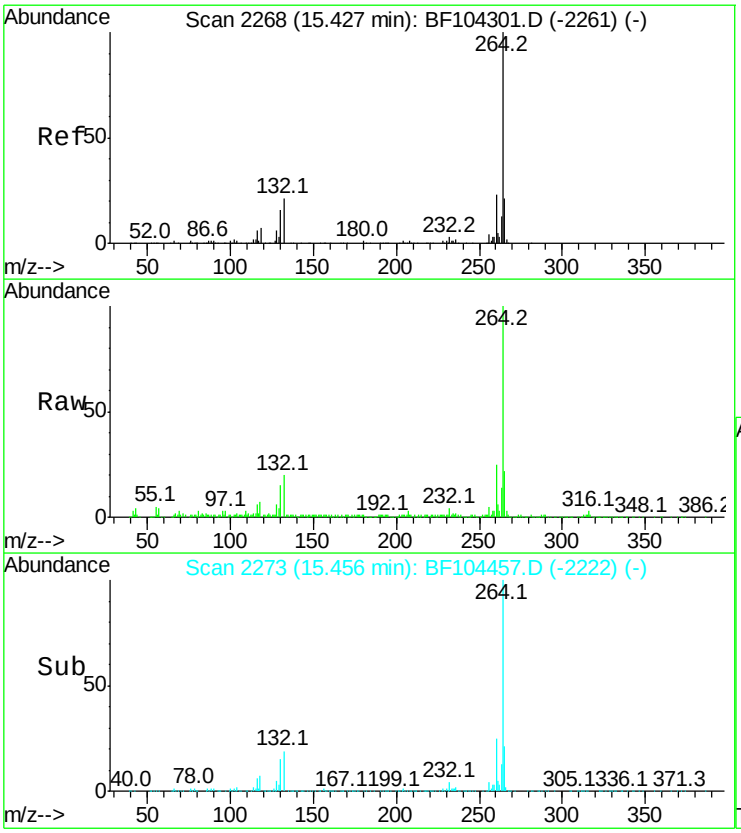
#82
Chrysene
Concen: 2.558 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 42193

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	23.3	16.2	24.4

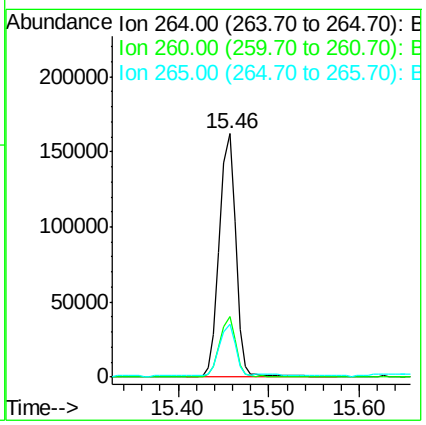


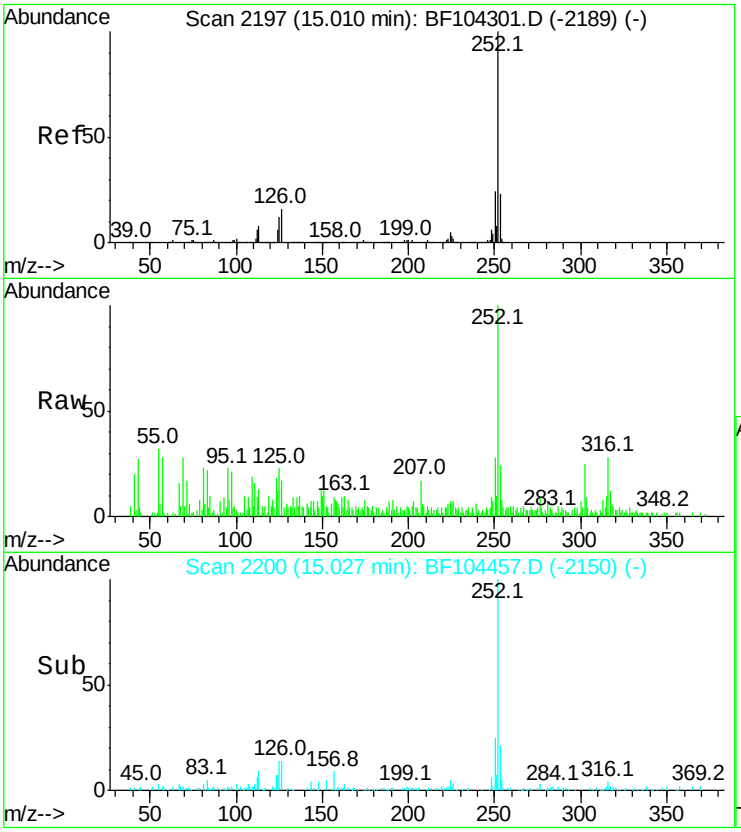


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Tgt Ion:264 Resp: 201722

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.8	17.5	26.3



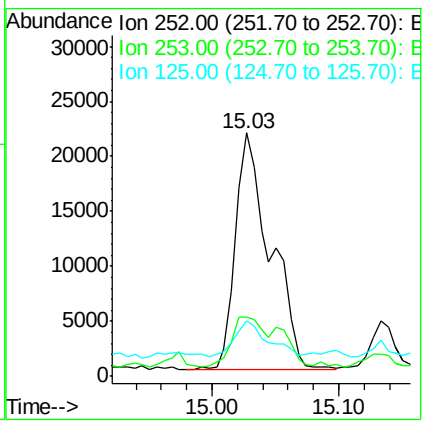


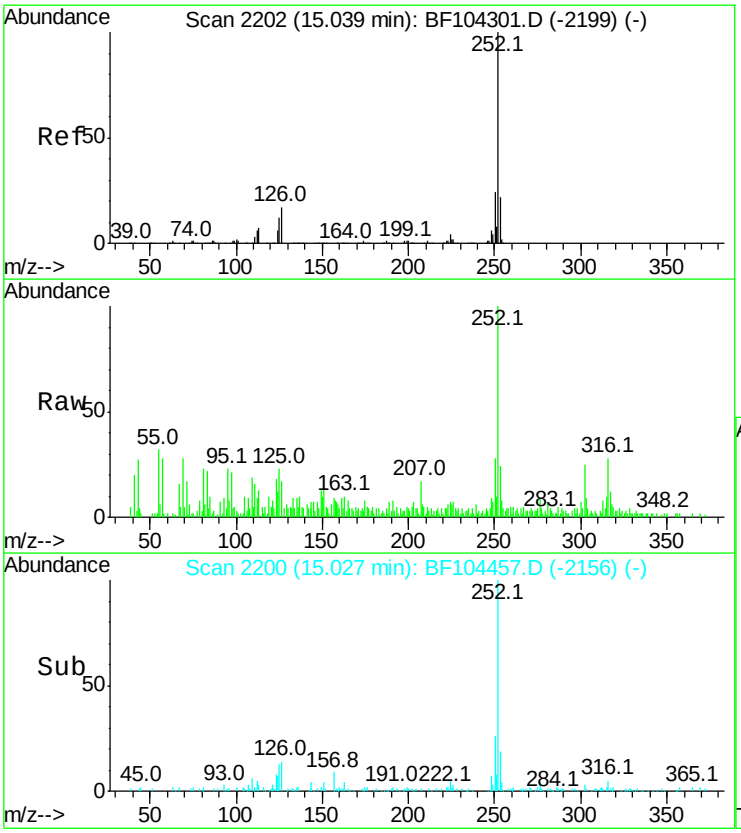
#87
Benzo(b)fluoranthene
Concen: 3.224 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 41069

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	23.0	9.0	13.6#

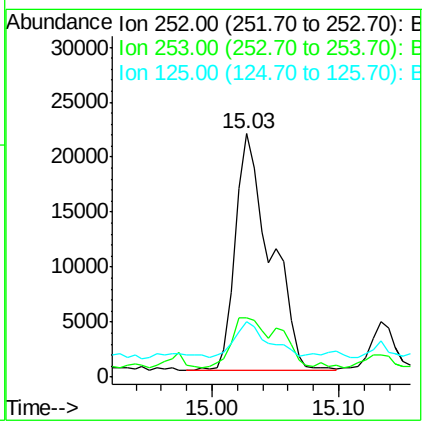


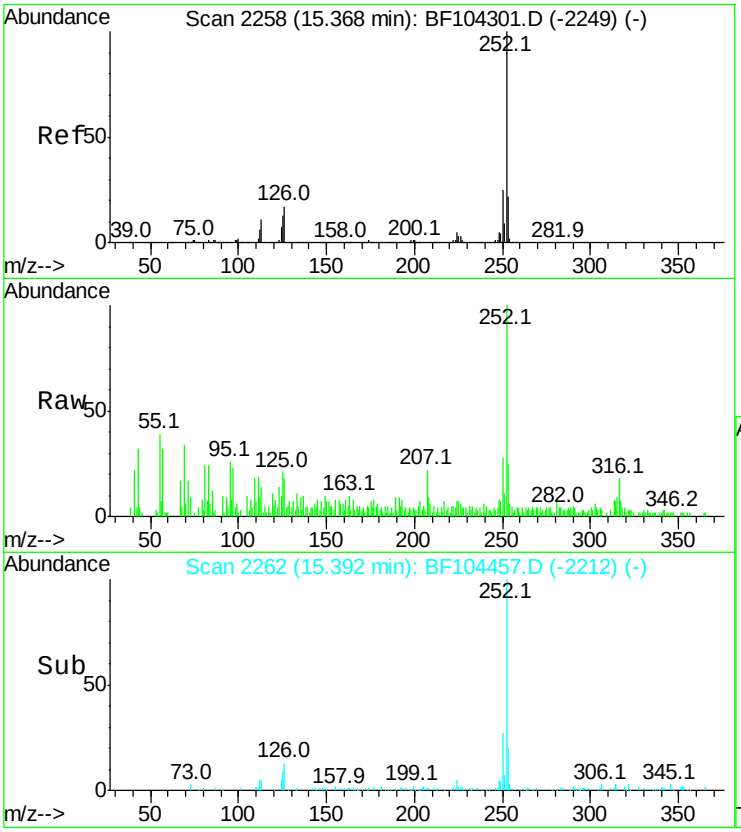


#88
Benzo(k)fluoranthene
Concen: 3.414 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Tgt Ion:252 Resp: 41069

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	23.0	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.014 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104457.D
Acq: 12 Apr 2018 18:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 22956

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	20.6	9.8	14.6#