Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050218\
Data File : BF105024.D
Acq On : 2 May 2018 12:17
Operator : JU/SJ
Sample : J2157-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-043018-E

Quant Time: May 03 04:20:29 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	98687	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	408295	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	183131	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	310827	20.00	ng		0.00
75) Chrysene-d12	14.02	240	218478	20.00	ng		-0.01
86) Perylene-d12	15.59	264	206997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	626229	97.03	ng		0.00
7) Phenol-d6	6.43	99	759779	95.81	ng		0.00
23) Nitrobenzene-d5	7.36	82	457673	73.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	196800	103.60	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	859369	74.13	ng		0.00
78) Terphenyl-d14	12.92	244	680816	71.04	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	57969	11.187	ng	#	73
25) Isophorone	7.36	82	453620	34.307	ng	#	64
49) Dimethylphthalate	9.55	163	97192	6.730	ng		100
56) 2,4-Dinitrotoluene	9.83	165	24070	6.867	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.63	198	340	7.537	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	11762	3.558	ng	#	1
70) Phenanthrene	11.35	178	74378	4.297	ng		97
74) Fluoranthene	12.54	202	107707	5.955	ng		96
76) Benzidine	12.92	184	9132	Below Cal			97
77) Pyrene	12.77	202	106341	6.567	ng		98
80) Benzo(a)anthracene	14.01	228	49652	3.804	ng		96
82) Chrysene	14.05	228	53264	3.973	ng		95
85) Indeno(1,2,3-cd)pyrene	17.08	276	26443	2.322	ng	#	90
87) Benzo(b)fluoranthene	15.16	252	87817	6.717	ng	#	91
88) Benzo(k)fluoranthene	15.16	252	87817	7.115	ng		94
89) Benzo(a)pyrene	15.53	252	45081	3.854	ng		98
91) Benzo(g,h,i)perylene	17.53	276	26628	2.861	ng		94

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

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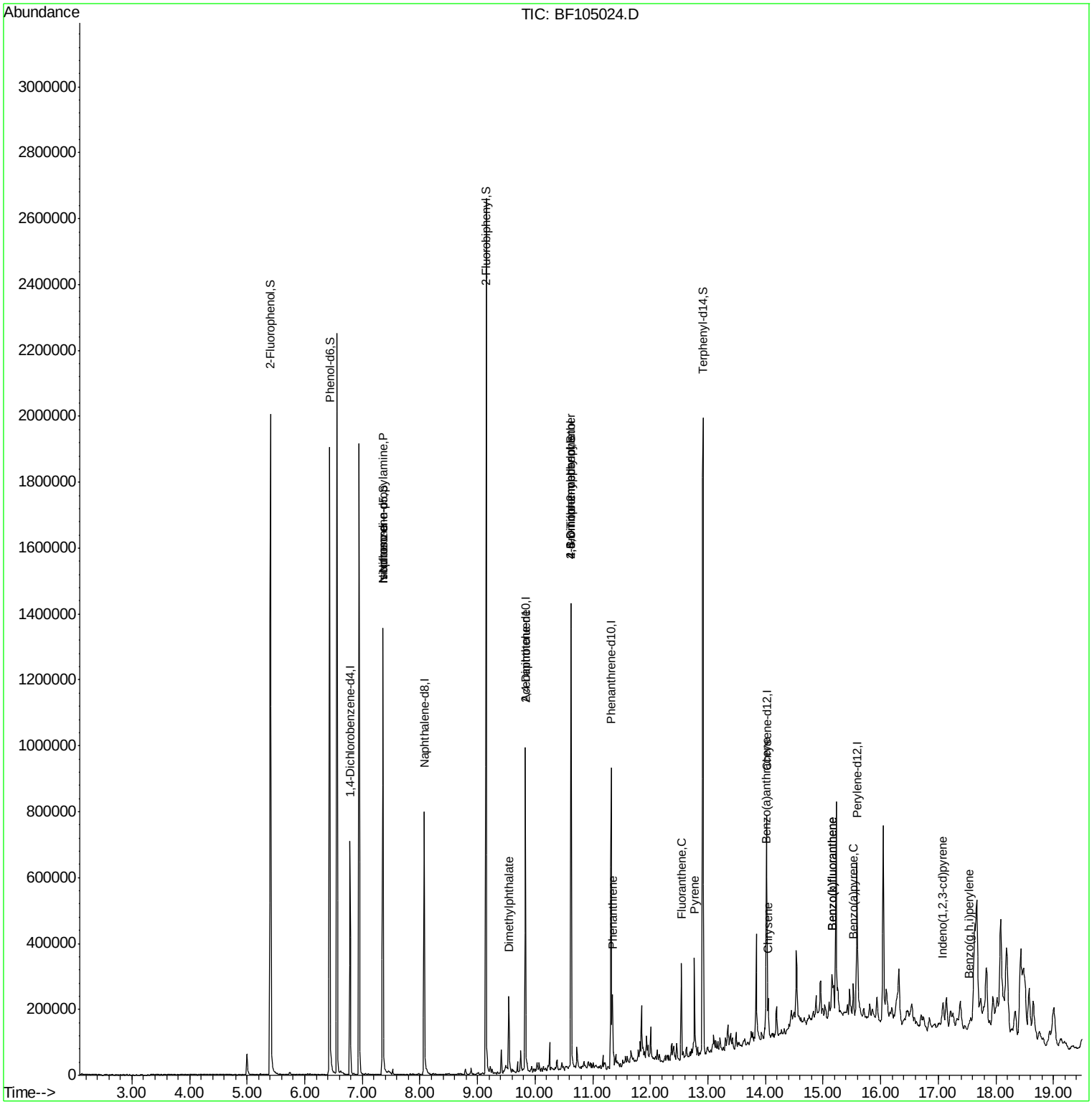
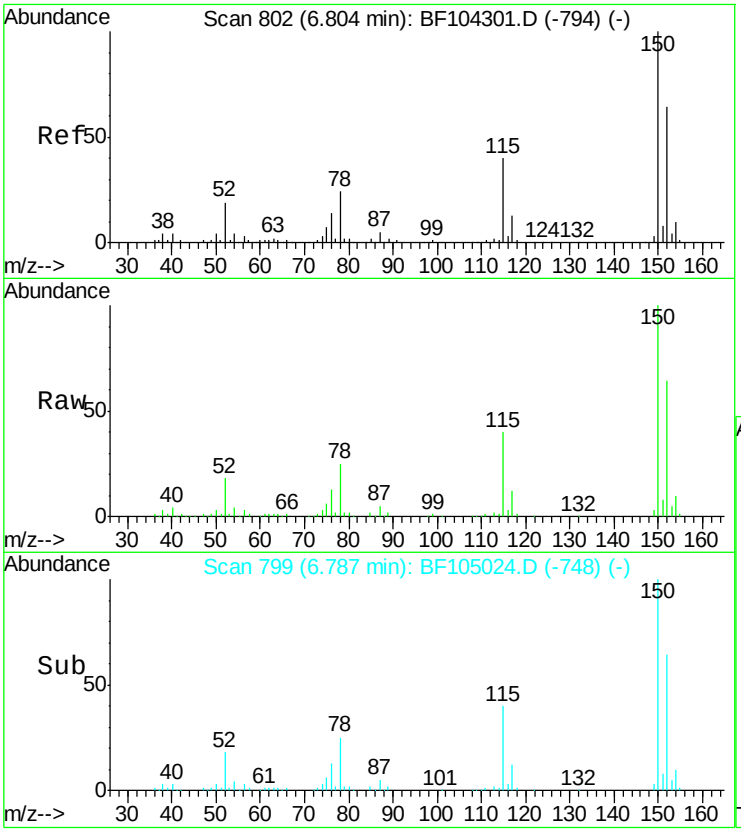


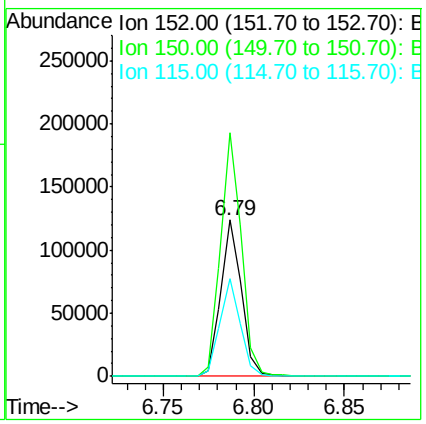


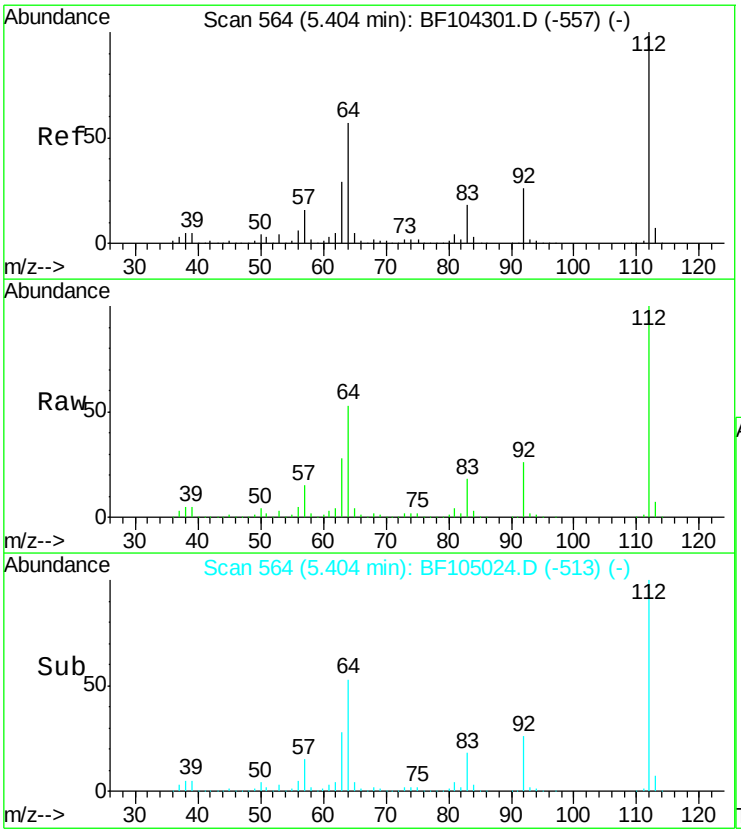
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion:152 Resp: 98687

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	62.8	50.1	75.1

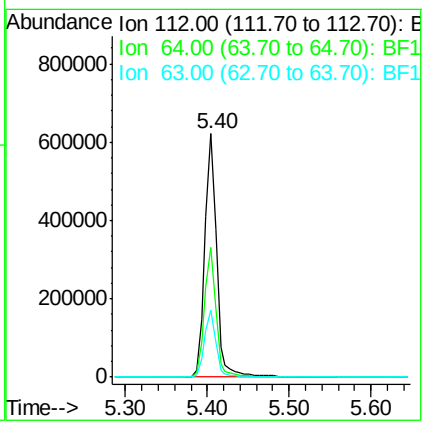


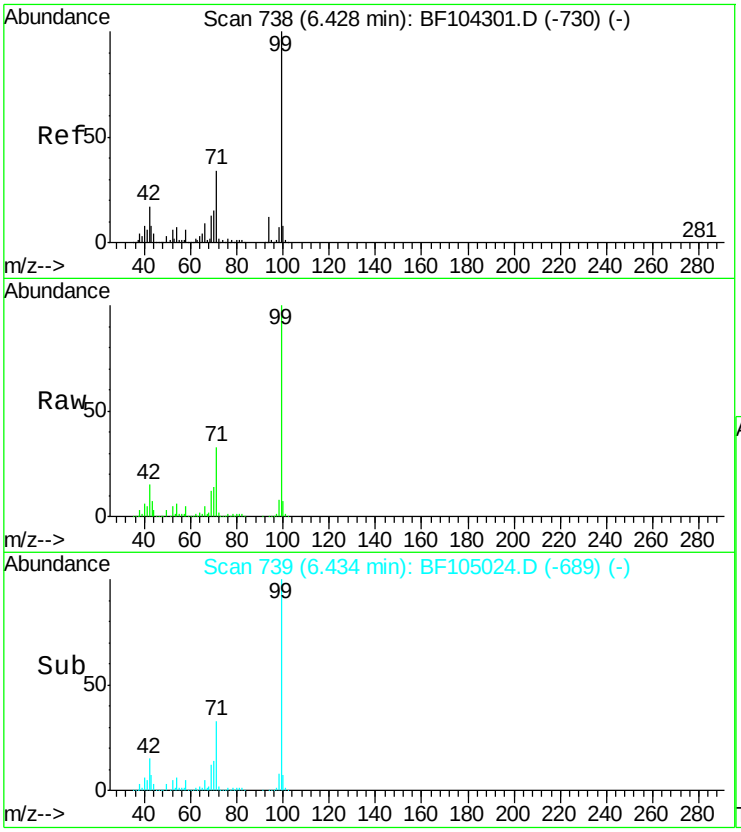


#5
2-Fluorophenol
Concen: 97.028 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion:112 Resp: 626229

Ion	Ratio	Lower	Upper
112	100		
64	53.4	47.9	71.9
63	27.7	23.7	35.5



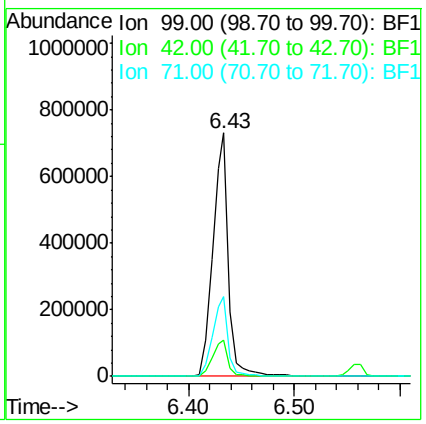


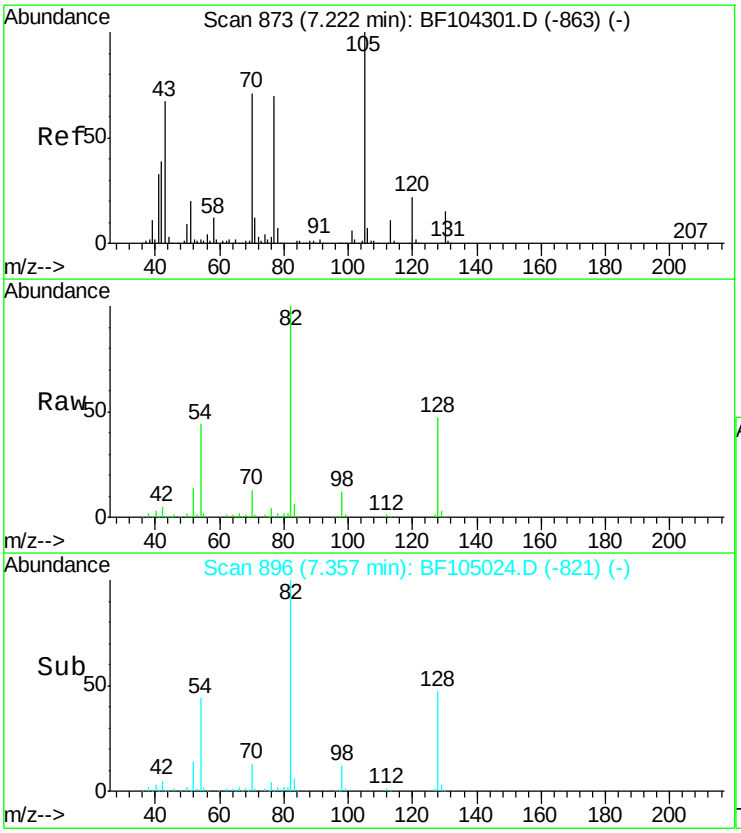
#7
Phenol-d6
Concen: 95.811 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion: 99 Resp: 759779

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	32.8	25.4	38.0

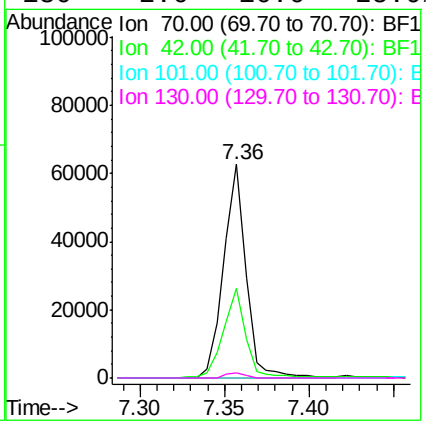


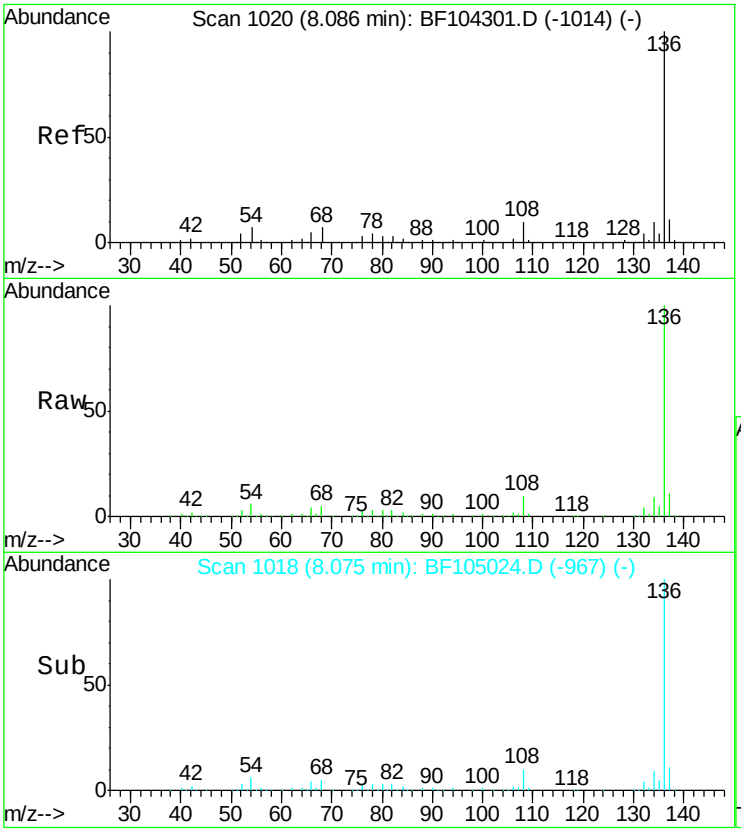


#19
n-Nitroso-di-n-propylamine
Concen: 11.187 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion: 70 Resp: 57969

Ion	Ratio	Lower	Upper
70	100		
42	41.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



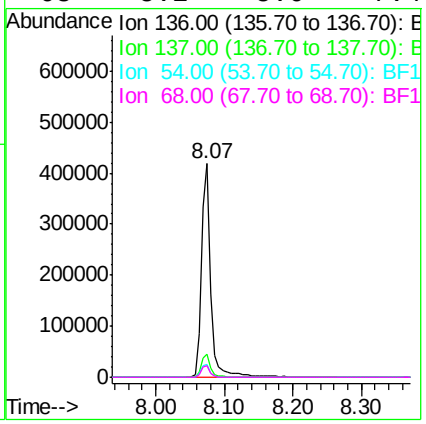


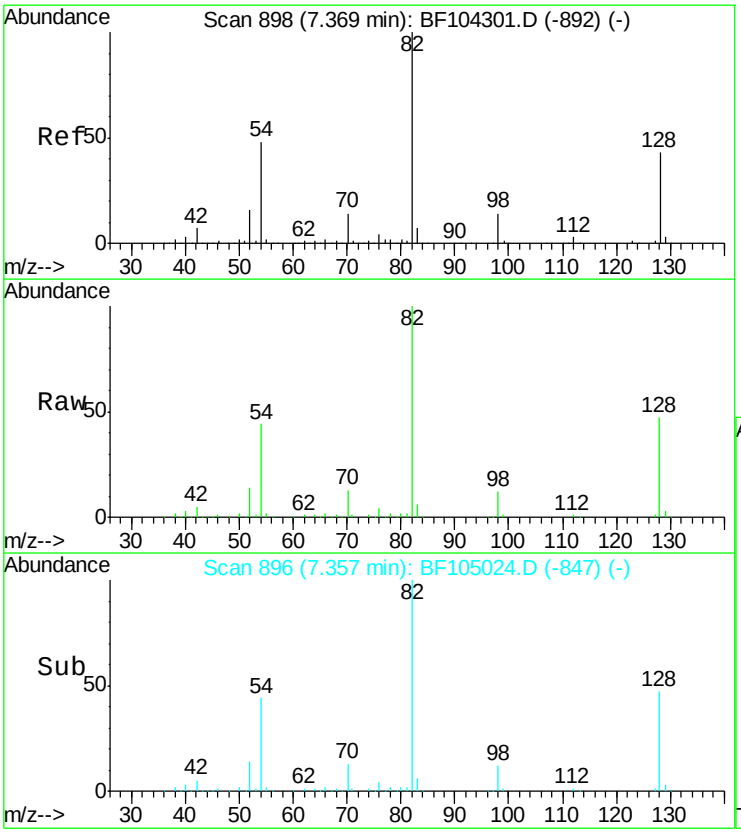
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion:136 Resp: 408295

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.9	6.6	9.8#
68	5.2	5.0	7.4

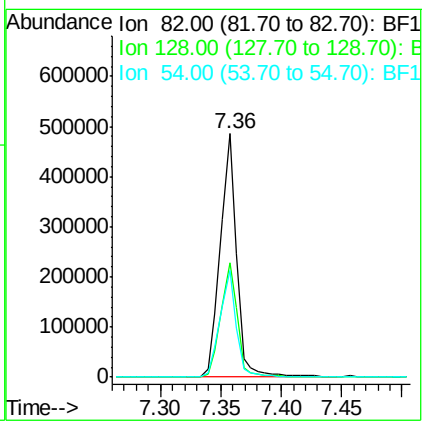


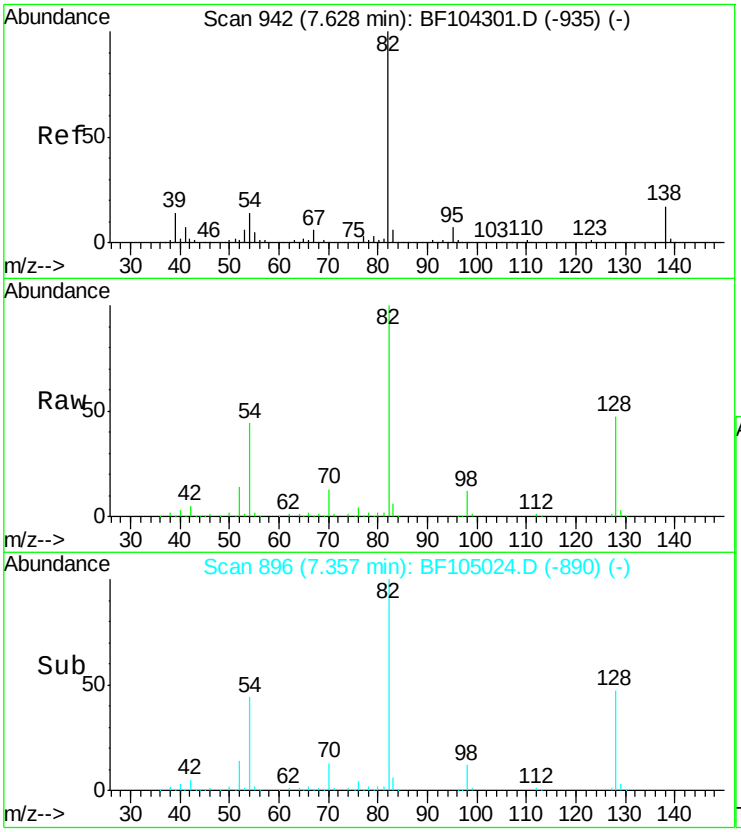


#23
Nitrobenzene-d5
Concen: 73.195 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion: 82 Resp: 457673

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	43.8	41.4	62.2



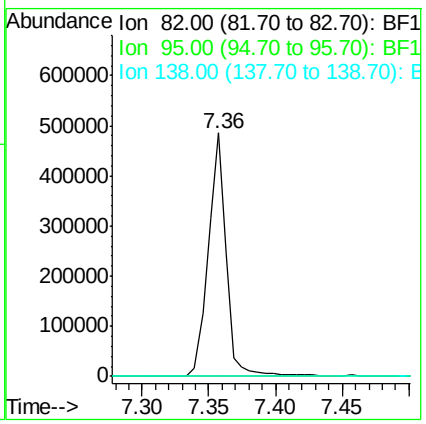


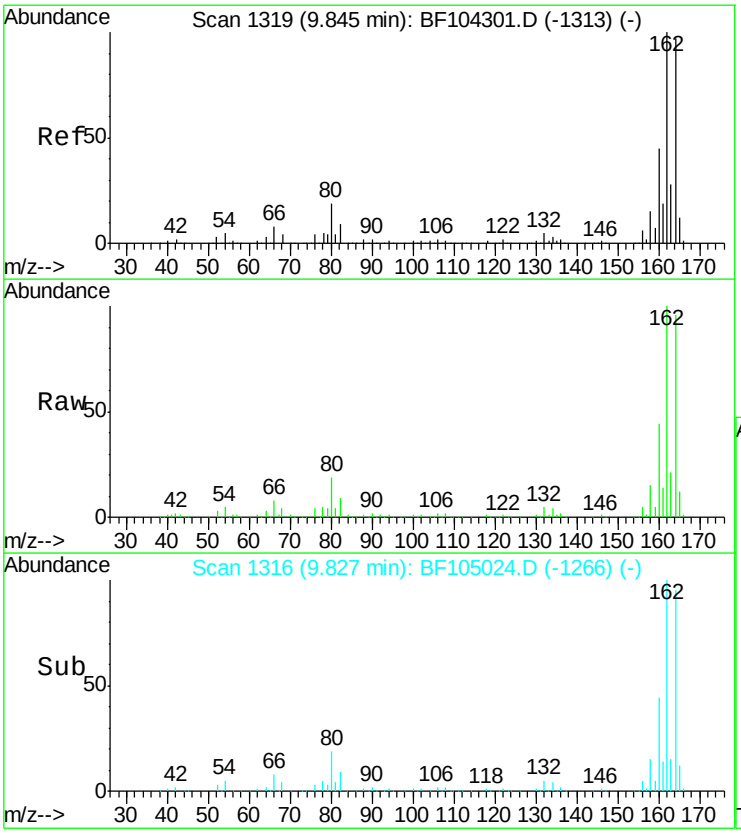
#25
Isophorone
Concen: 34.307 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion: 82 Resp: 453620

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

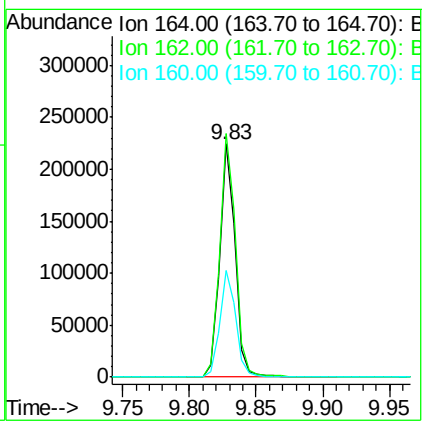


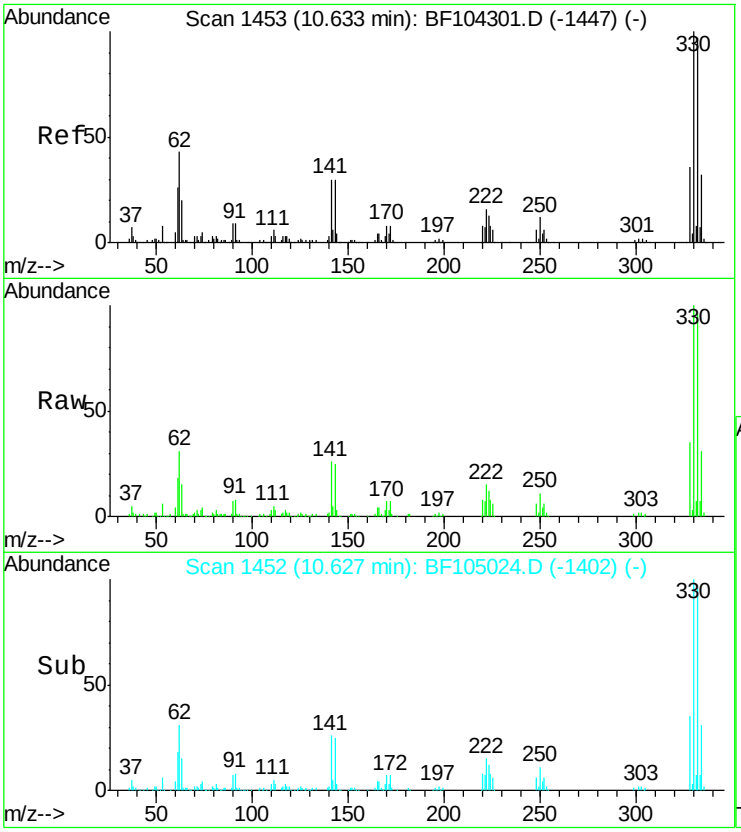


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion:164 Resp: 183131

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.6	38.3	57.5



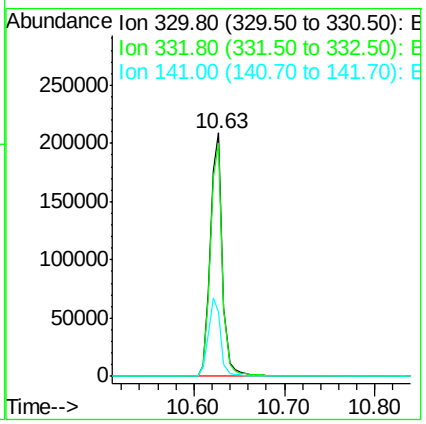


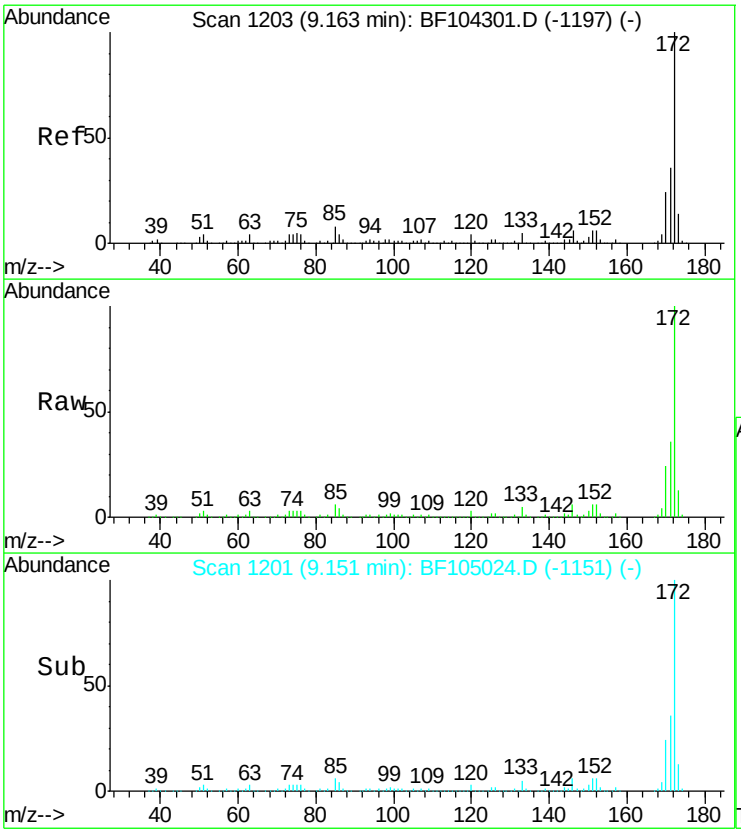
#41
2,4,6-Tribromophenol
Concen: 103.597 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion:330 Resp: 196800

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.1	29.9	44.9

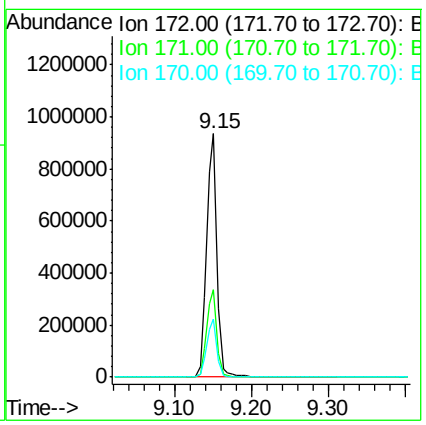


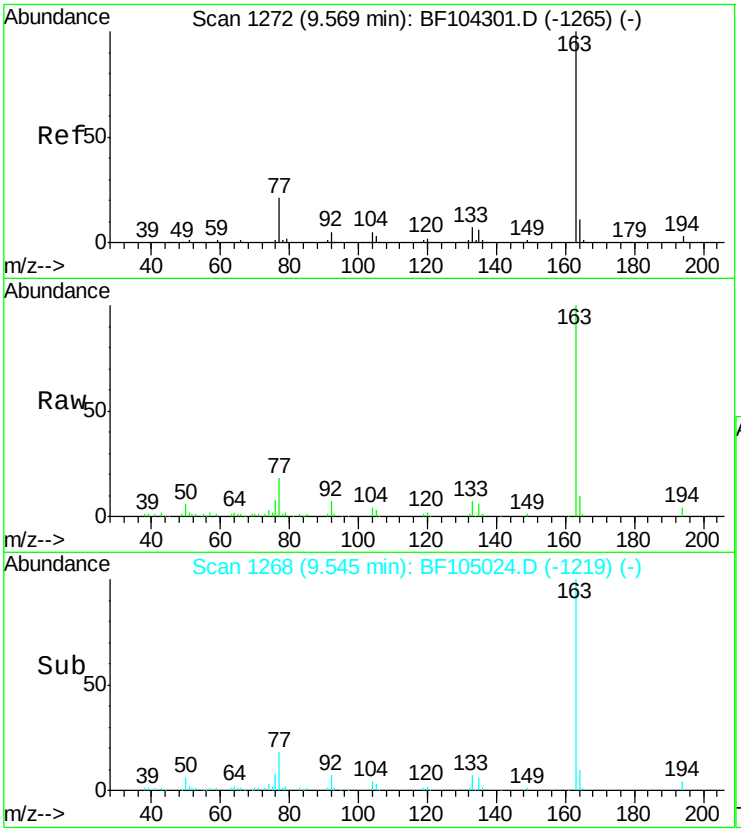


#44
2-Fluorobiphenyl
Concen: 74.132 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion:172 Resp: 859369

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



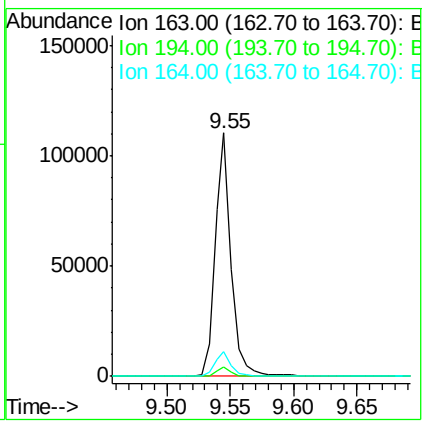


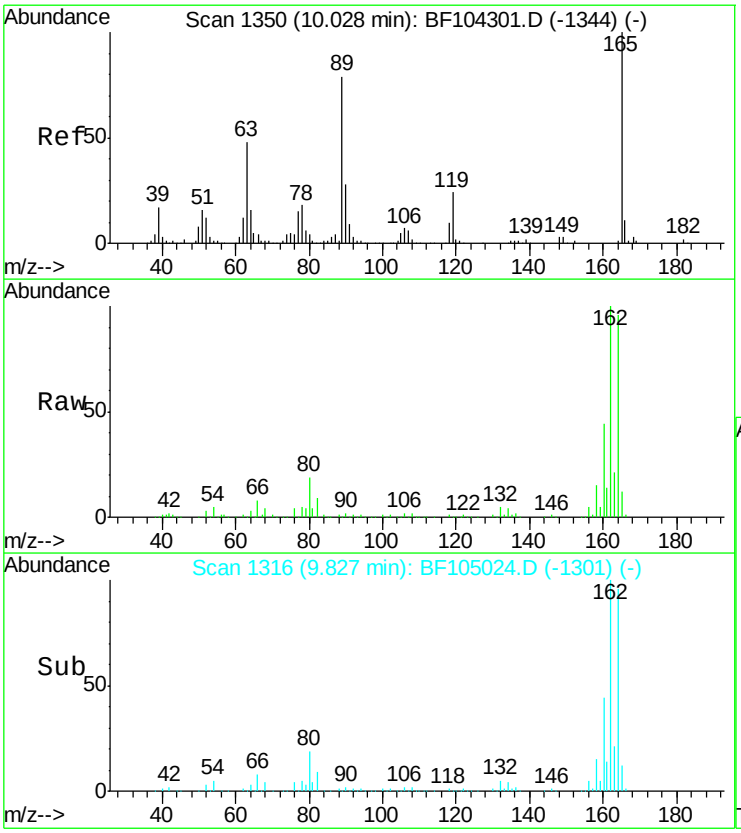
#49
Dimethylphthalate
Concen: 6.730 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion:163 Resp: 97192

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2

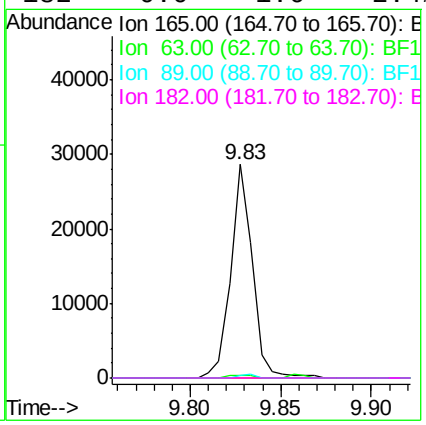


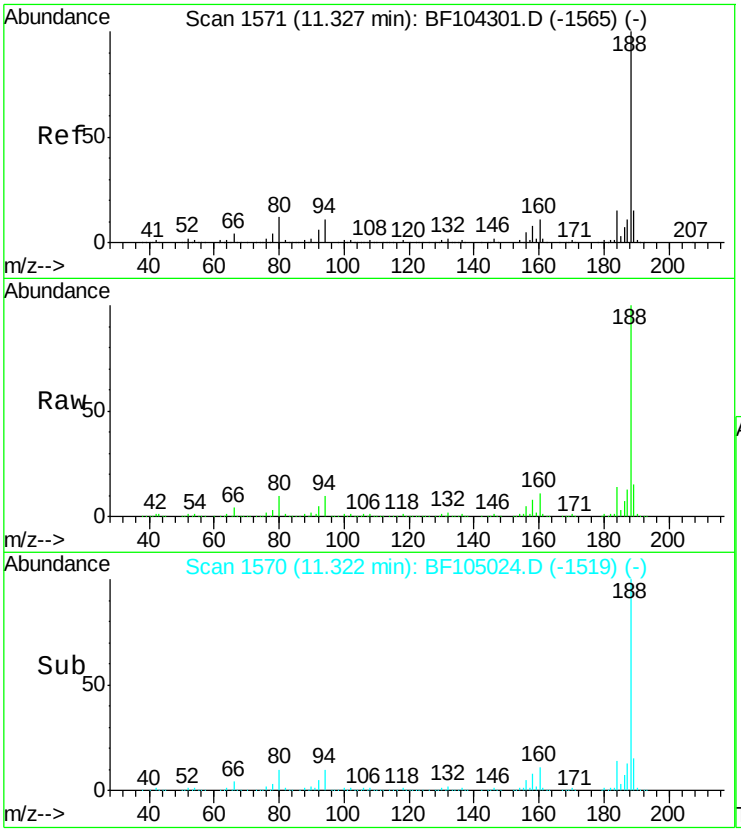


#56
2,4-Dinitrotoluene
Concen: 6.867 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion:165 Resp: 24070

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



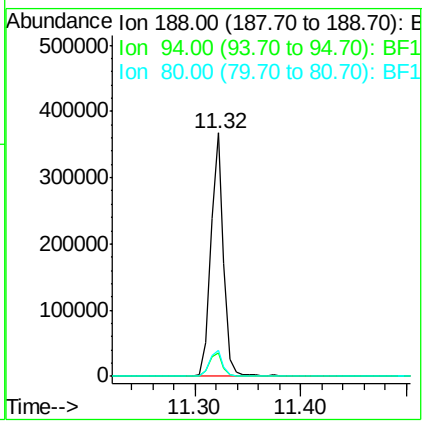


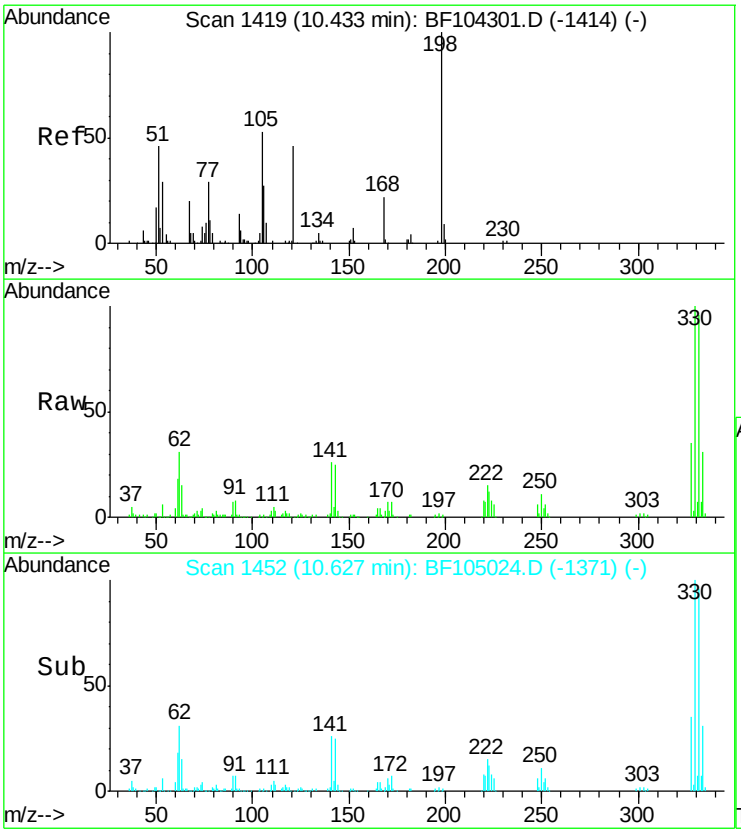
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion:188 Resp: 310827

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.5	9.2	13.8

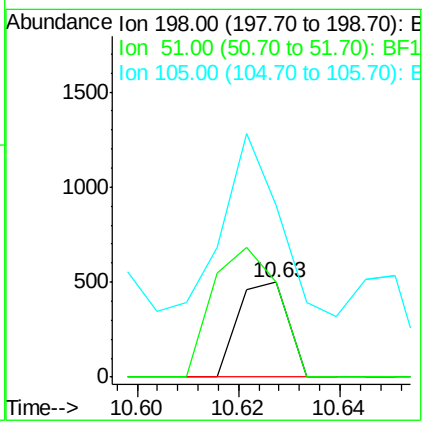


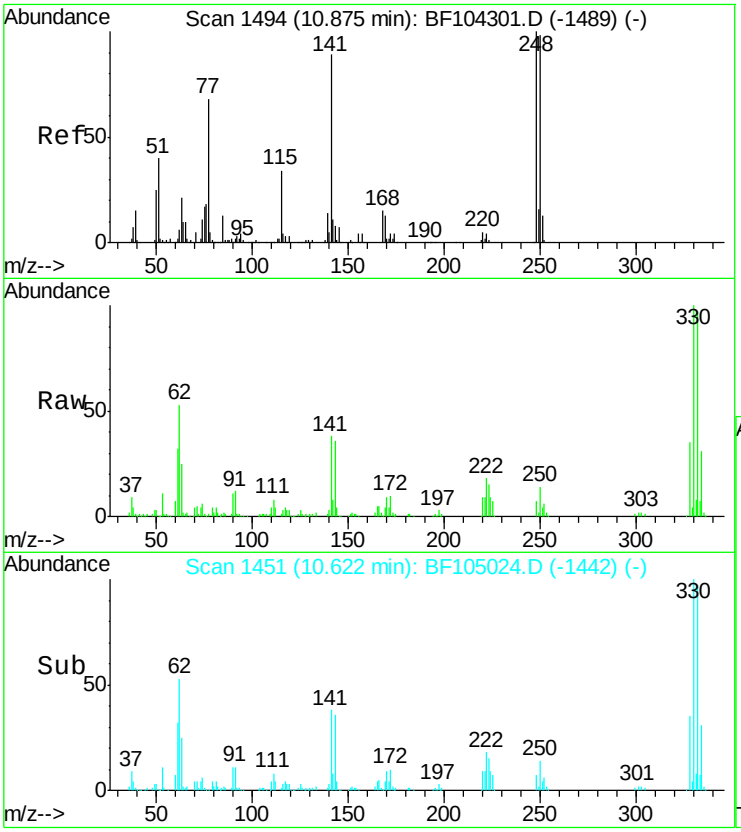


#64
4,6-Dinitro-2-methylphenol
Concen: 7.537 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.18 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion:198 Resp: 340

Ion	Ratio	Lower	Upper
198	100		
51	99.8	37.7	77.7#
105	181.0	36.3	76.3#



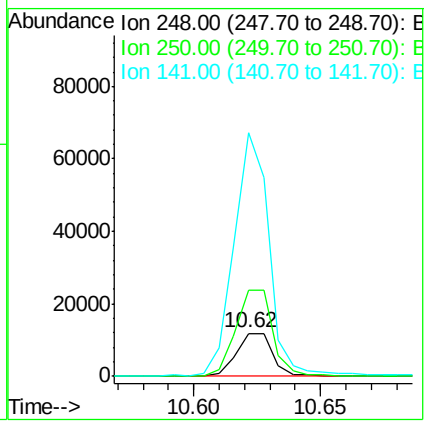


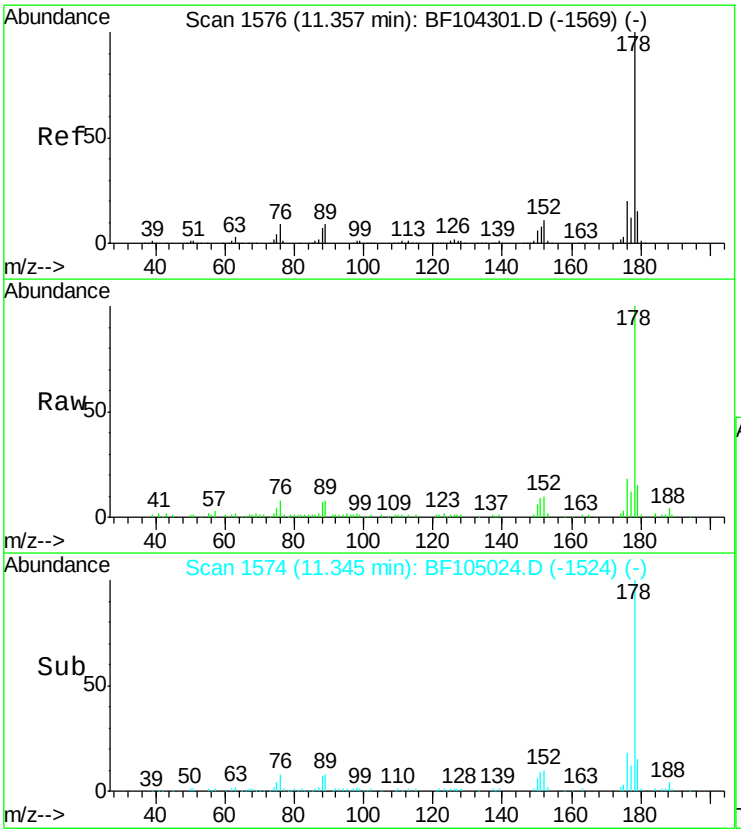
#66
4-Bromophenyl-phenylether
Concen: 3.558 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion:248 Resp: 11762

Ion	Ratio	Lower	Upper
248	100		
250	202.3	76.9	115.3#
141	569.3	74.4	111.6#

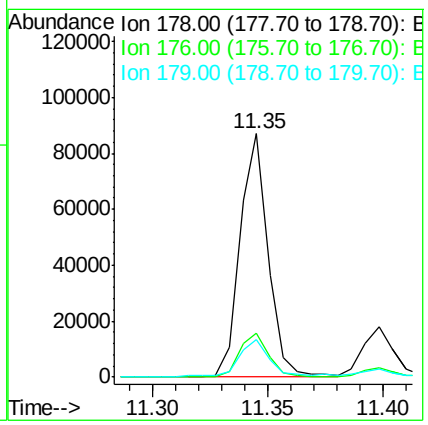


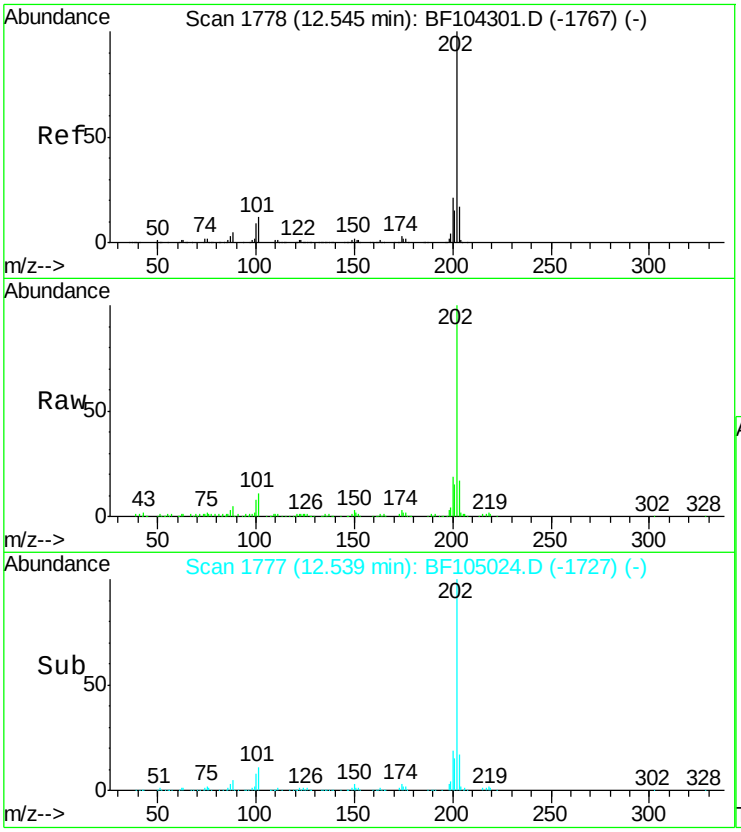


#70
Phenanthrene
Concen: 4.297 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion:178 Resp: 74378

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.2	13.0	19.6



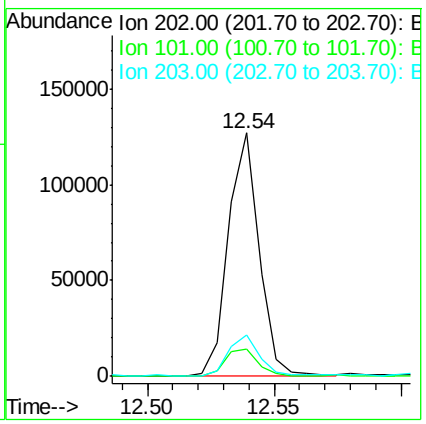


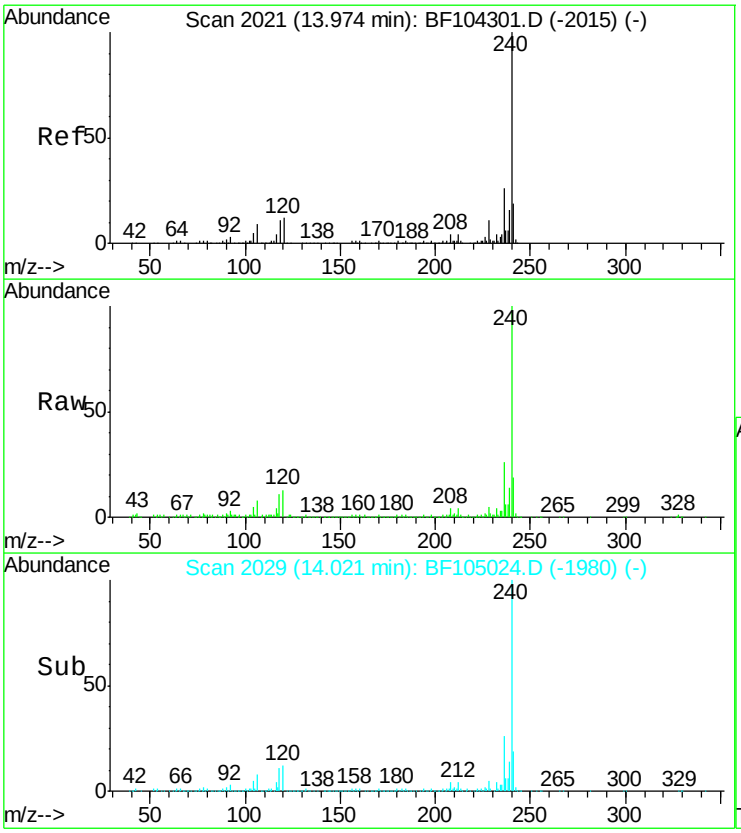
#74
Fluoranthene
Concen: 5.955 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion:202 Resp: 107707

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	17.1	0.0	38.1

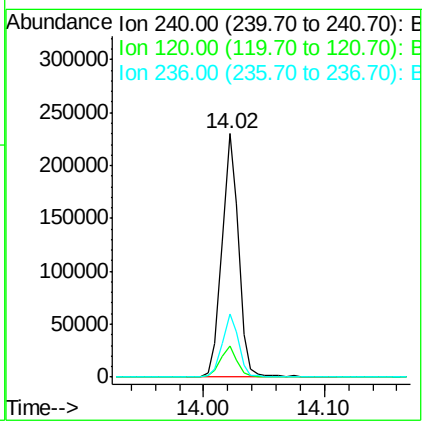


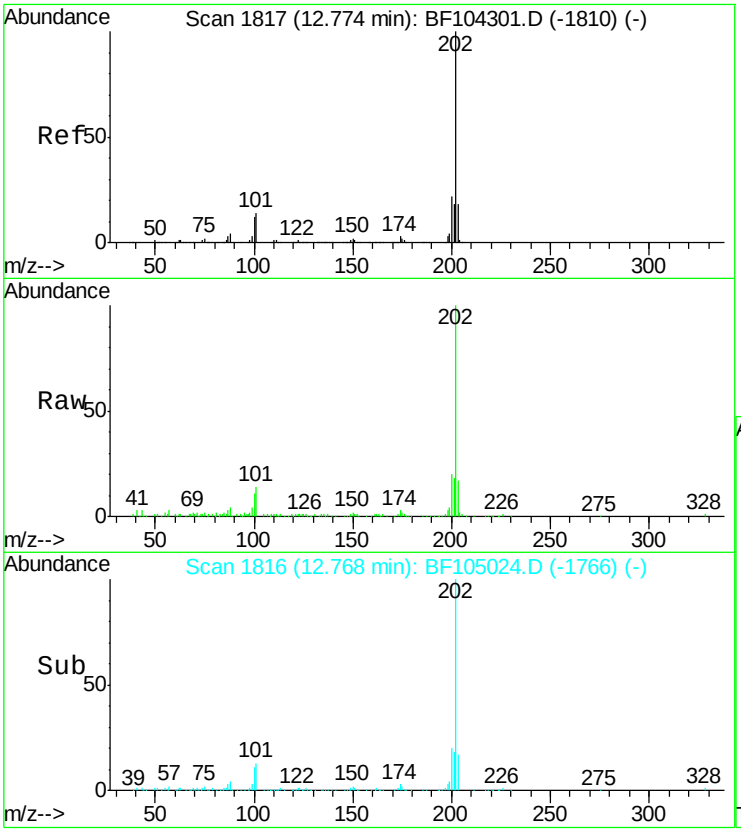


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion:240 Resp: 218478

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	25.7	20.7	31.1



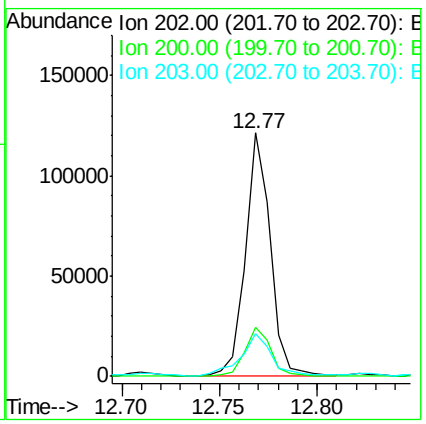


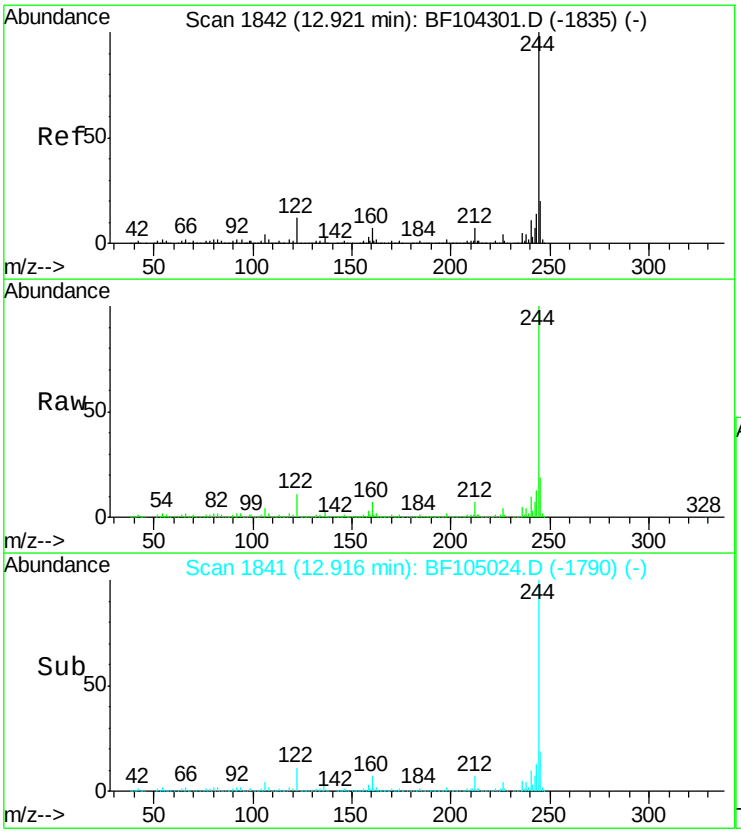
#77
Pyrene
Concen: 6.567 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion:202 Resp: 106341

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

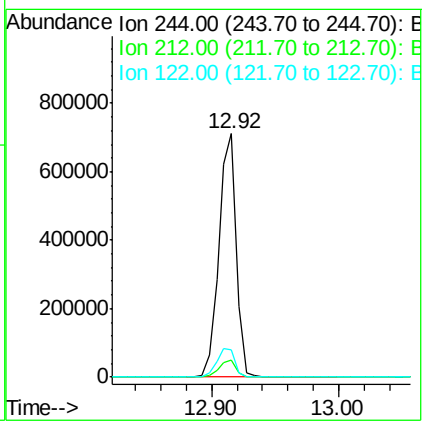


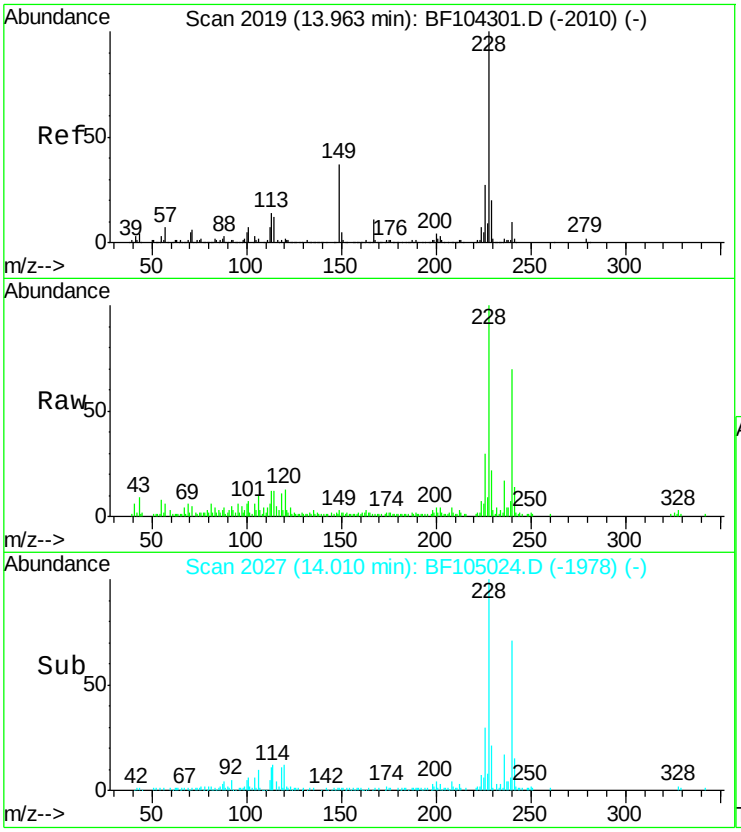


#78
Terphenyl-d14
Concen: 71.044 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion:244 Resp: 680816

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.3	11.0	16.4



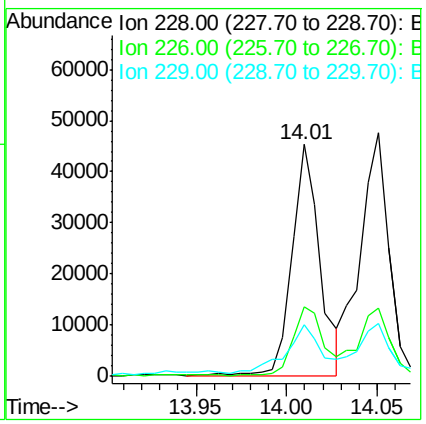


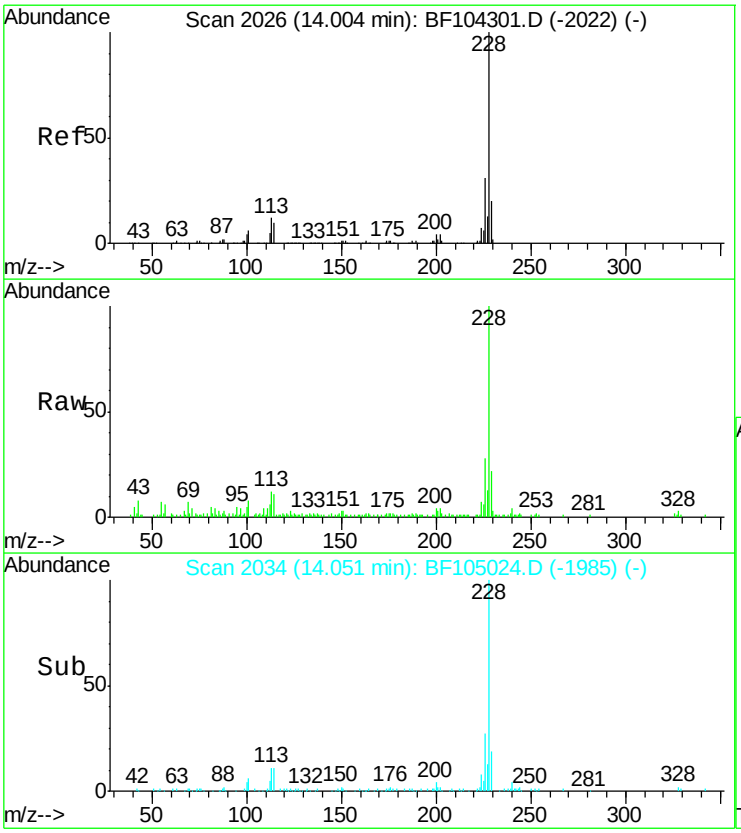
#80
Benzo(a)anthracene
Concen: 3.804 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion:228 Resp: 49652

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	22.0	15.8	23.6

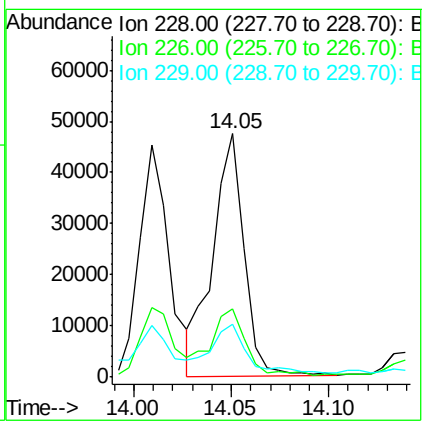


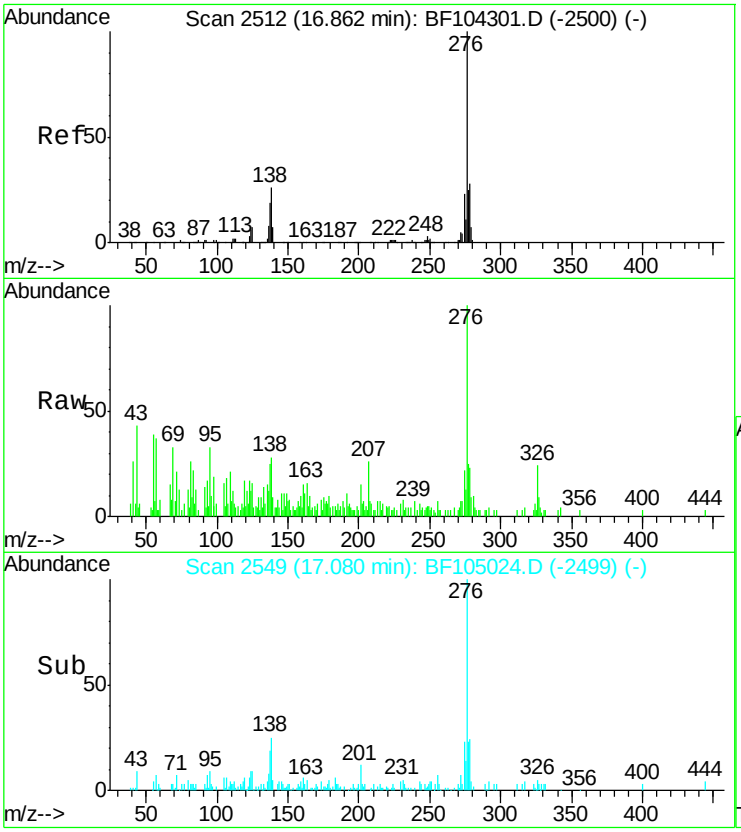


#82
Chrysene
Concen: 3.973 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion:228 Resp: 53264

Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.0	37.6
229	21.7	16.2	24.4



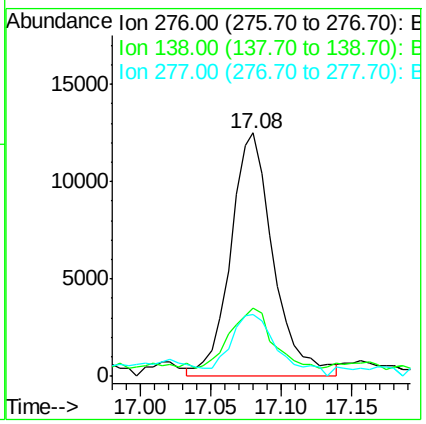


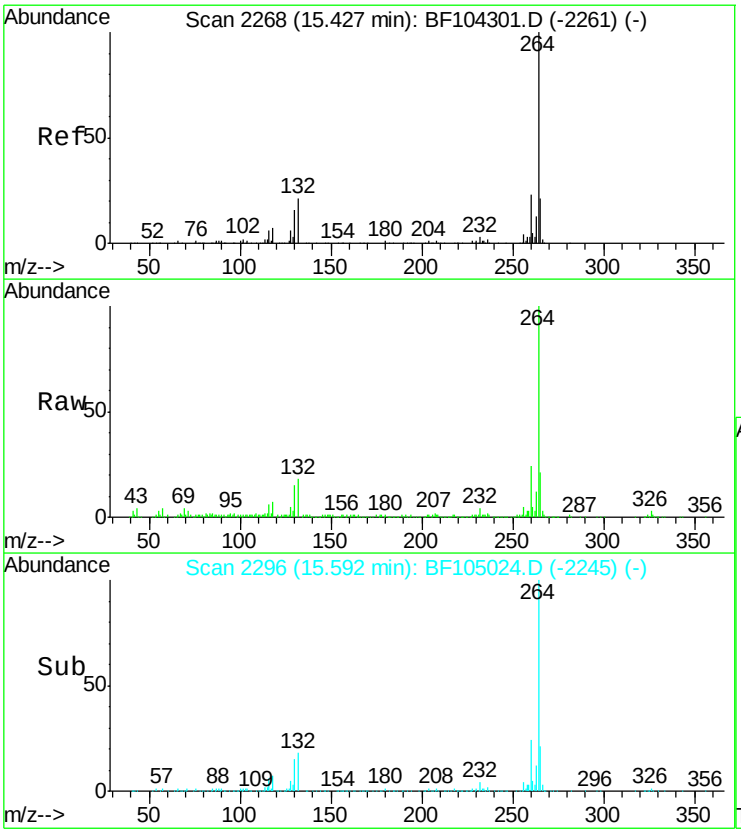
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.322 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion:276 Resp: 26443

Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	28.2	20.1	30.1

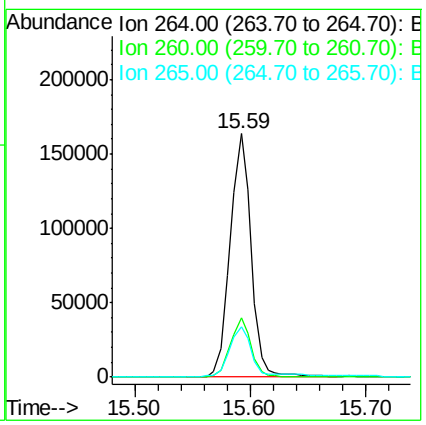


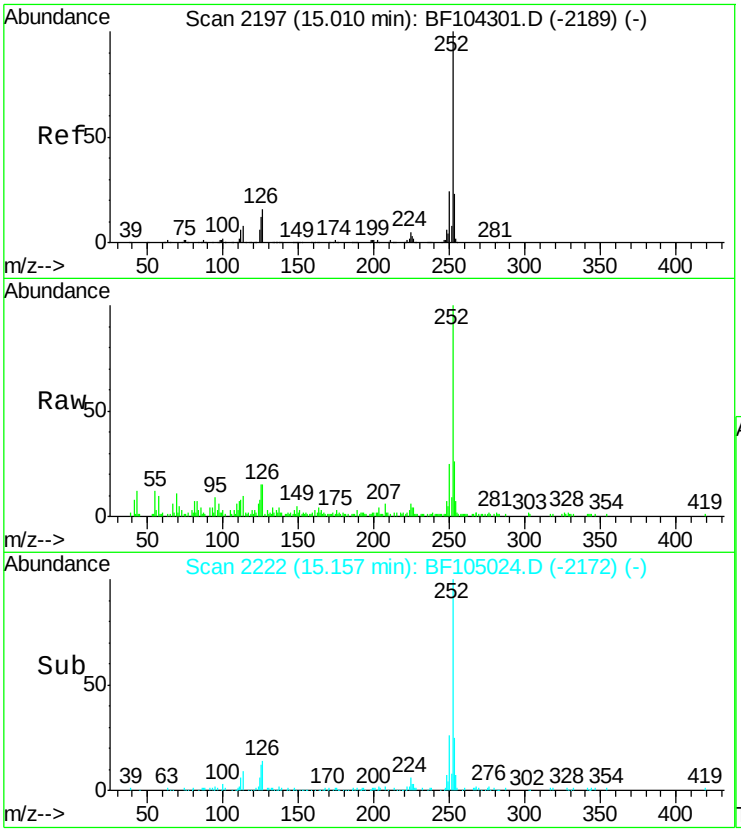


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion:264 Resp: 206997

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.7	17.5	26.3



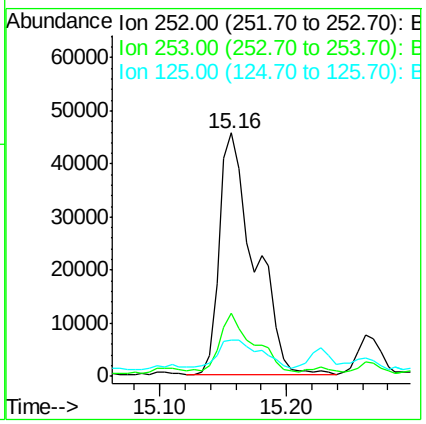


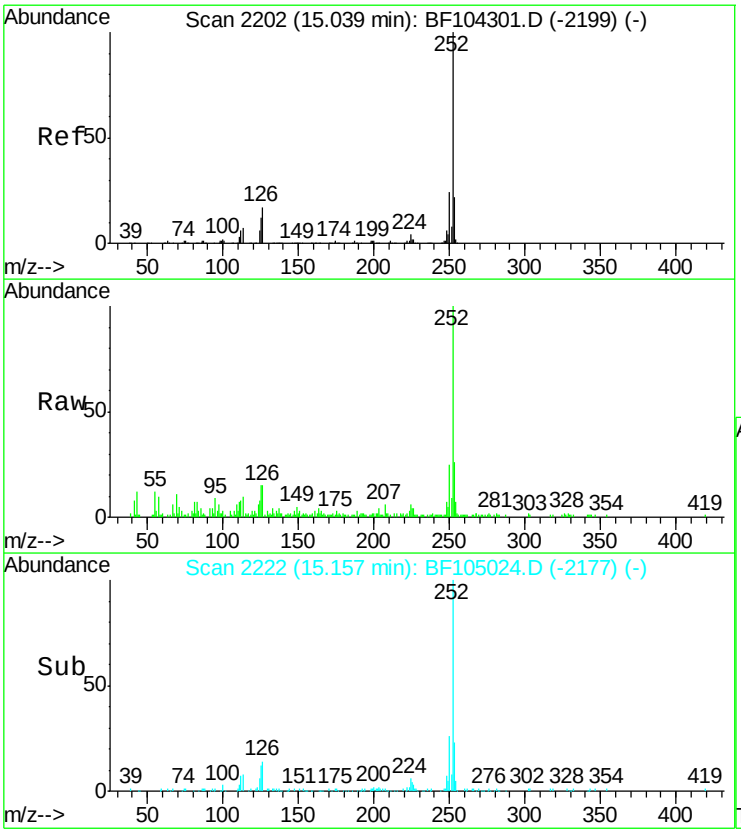
#87
Benzo(b)fluoranthene
Concen: 6.717 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion:252 Resp: 87817

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.0	25.6#
125	14.7	9.0	13.6#

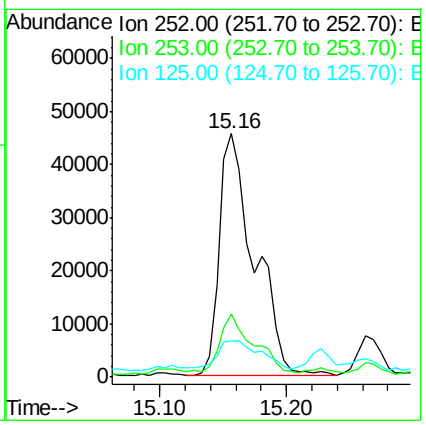


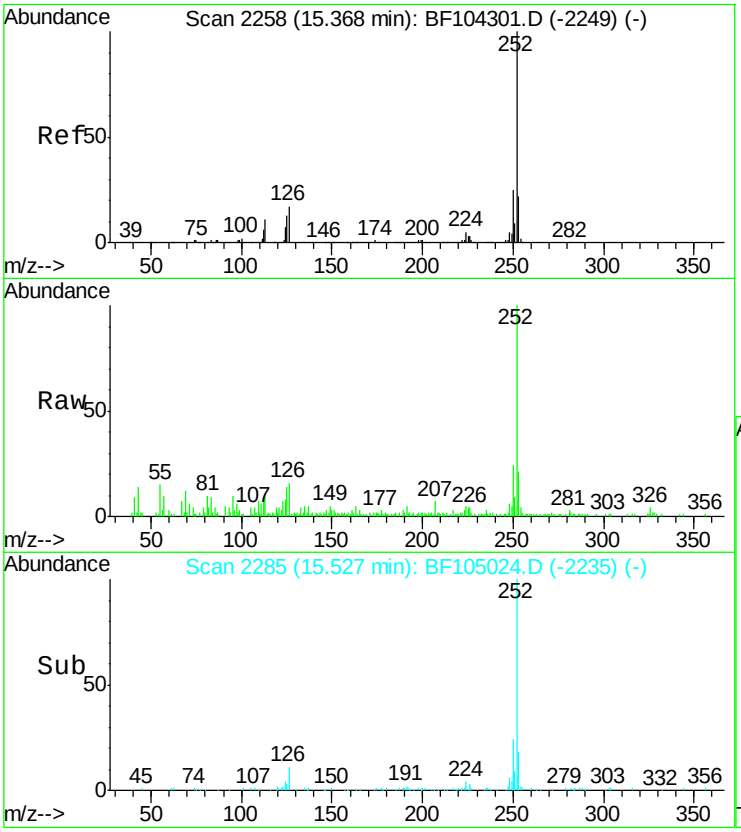


#88
Benzo(k)fluoranthene
Concen: 7.115 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.04 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion:252 Resp: 87817

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	14.7	10.2	15.2



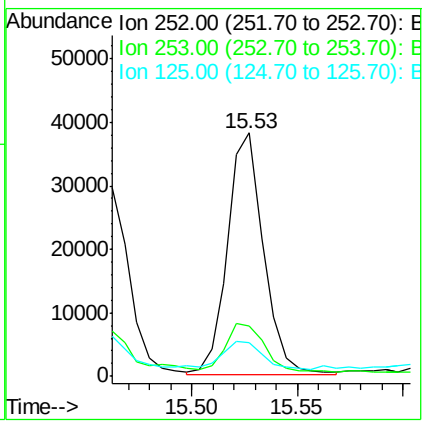


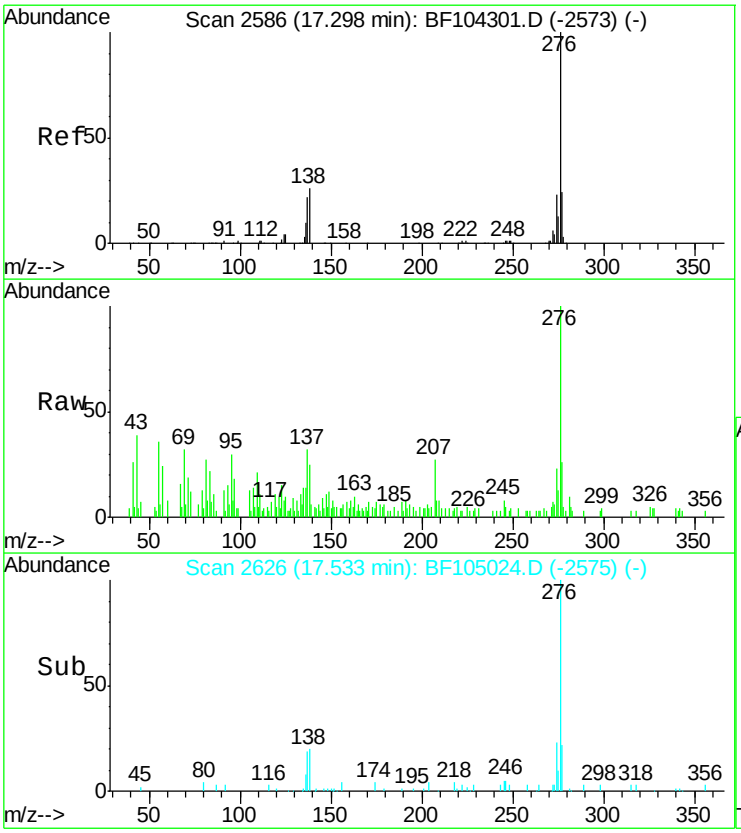
#89
Benzo(a)pyrene
Concen: 3.854 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Instrument :
BNA_F
ClientSampleId :
CL-02-043018-E

Tgt Ion:252 Resp: 45081

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	13.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.861 ng
RT: 17.53 min Scan# 2626
Delta R.T. -0.00 min
Lab File: BF105024.D
Acq: 2 May 2018 12:17

Tgt Ion:276 Resp: 26628

Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	24.7	21.8	32.8