Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
Data File : BF109276.D
Acq On : 24 Sep 2018 19:03
Operator : JU/SJ
Sample : J4770-15 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-092118-H

Quant Time: Sep 25 04:43:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	96182	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	342438	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	153111	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	316331	20.00	ng		0.00
75) Chrysene-d12	13.84	240	256871	20.00	ng		0.00
86) Perylene-d12	15.25	264	174897	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	194033	33.23	ng		0.00
7) Phenol-d6	6.34	99	235680	31.63	ng		-0.02
23) Nitrobenzene-d5	7.26	82	132190	22.79	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	56204	37.24	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	237966	23.44	ng		-0.01
78) Terphenyl-d14	12.80	244	273274	26.11	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	17877	3.661	ng	#	81
25) Isophorone	7.26	82	109749	10.506	ng	#	64
49) Dimethylphthalate	9.46	163	66785	5.997	ng	#	98
56) 2,4-Dinitrotoluene	9.74	165	19766	7.083	ng	#	23
70) Phenanthrene	11.24	178	74894	4.742	ng		98
74) Fluoranthene	12.43	202	248963	14.750	ng		93
77) Pyrene	12.65	202	260171	14.132	ng		99
80) Benzo(a)anthracene	13.83	228	114979	7.431	ng		99
82) Chrysene	13.87	228	94611	6.170	ng		96
85) Indeno(1,2,3-cd)pyrene	16.60	276	44529	3.582	ng	#	89
87) Benzo(b)fluoranthene	14.85	252	125166	13.024	ng	#	90
88) Benzo(k)fluoranthene	14.85	252	125166	13.725	ng		93
89) Benzo(a)pyrene	15.19	252	68660	7.929	ng		96
91) Benzo(g,h,i)perylene	17.00	276	42736	6.121	ng		92

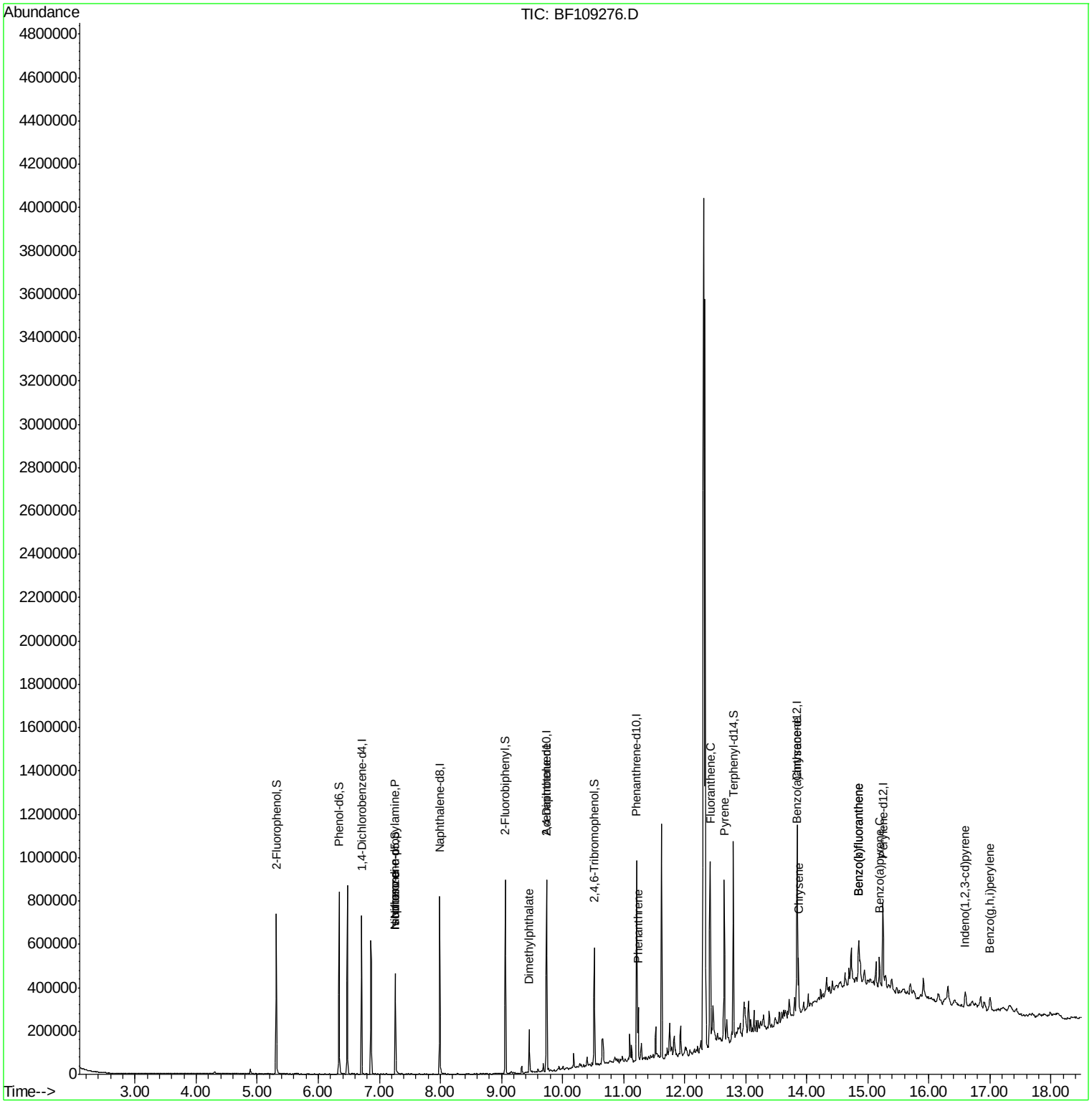
(#) = qualifier out of range (m) = manual integration (+) = signals summed

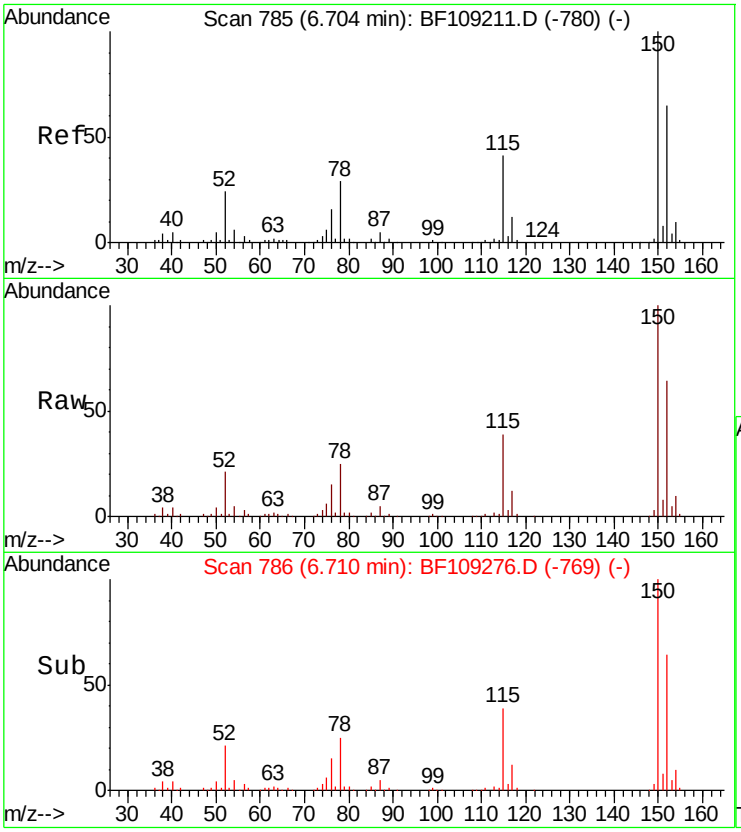
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
Data File : BF109276.D
Acq On : 24 Sep 2018 19:03
Operator : JU/SJ
Sample : J4770-15 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Quant Time: Sep 25 04:43:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



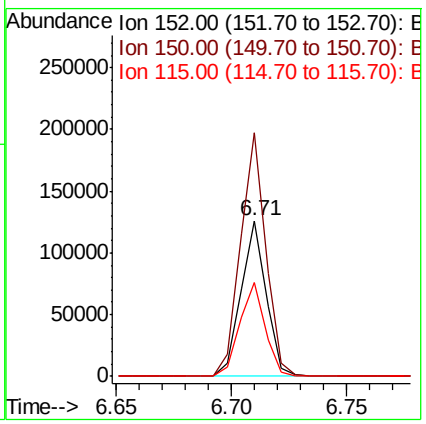


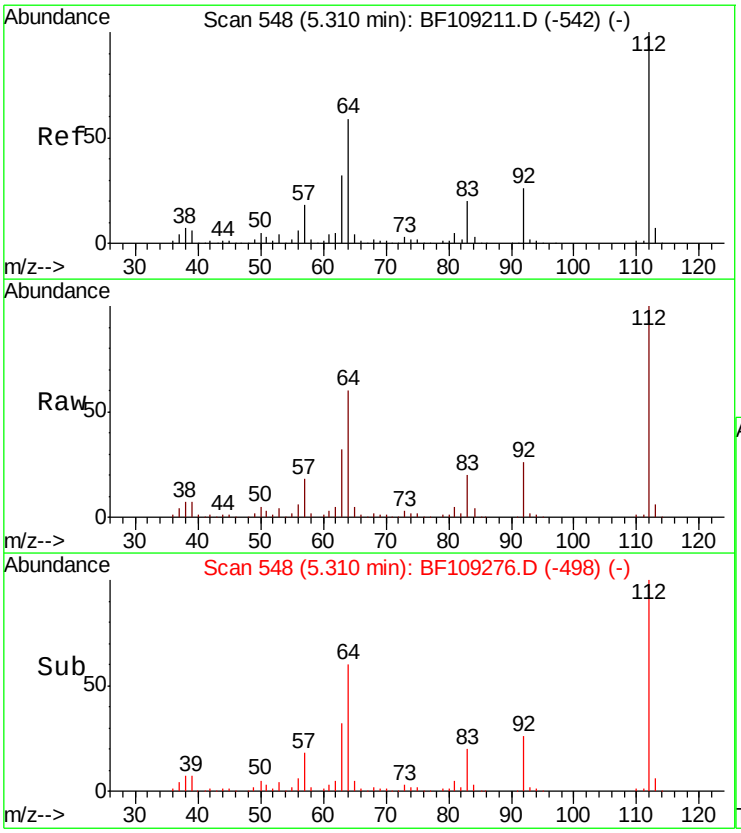
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion:152 Resp: 96182

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.7	50.1	75.1

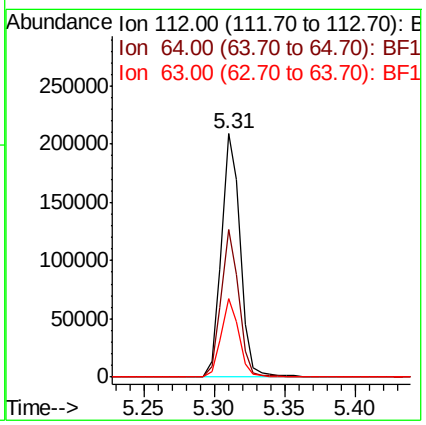


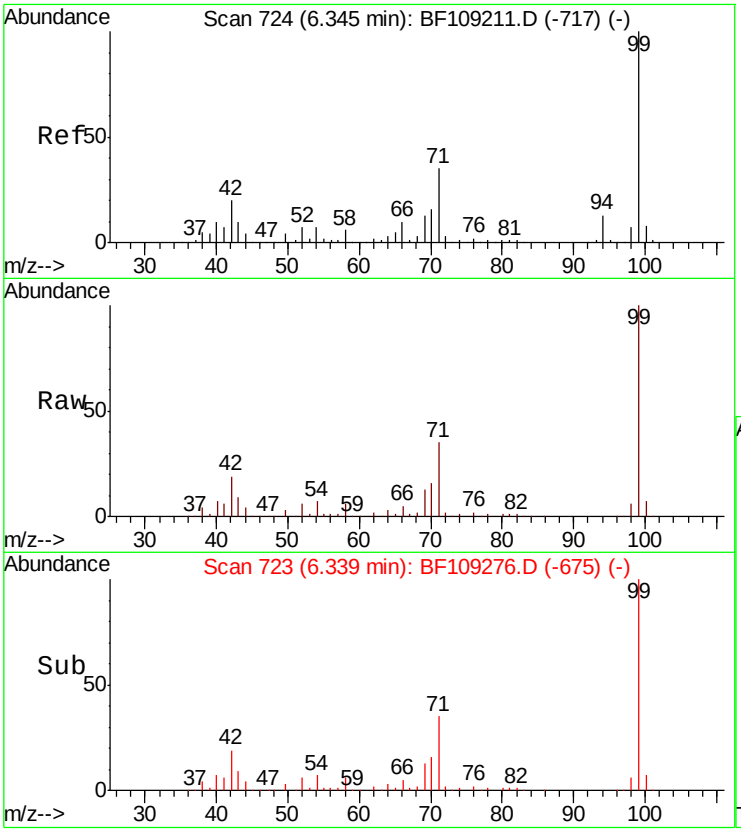


#5
2-Fluorophenol
Concen: 33.227 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion:112 Resp: 194033

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	32.1	23.7	35.5



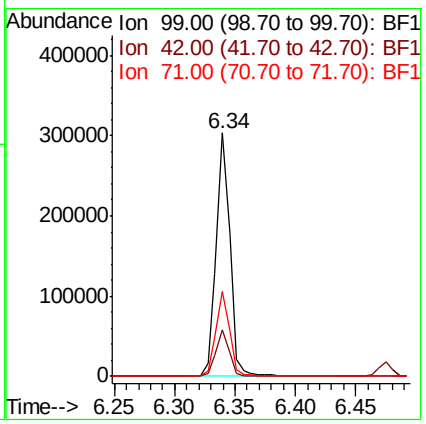


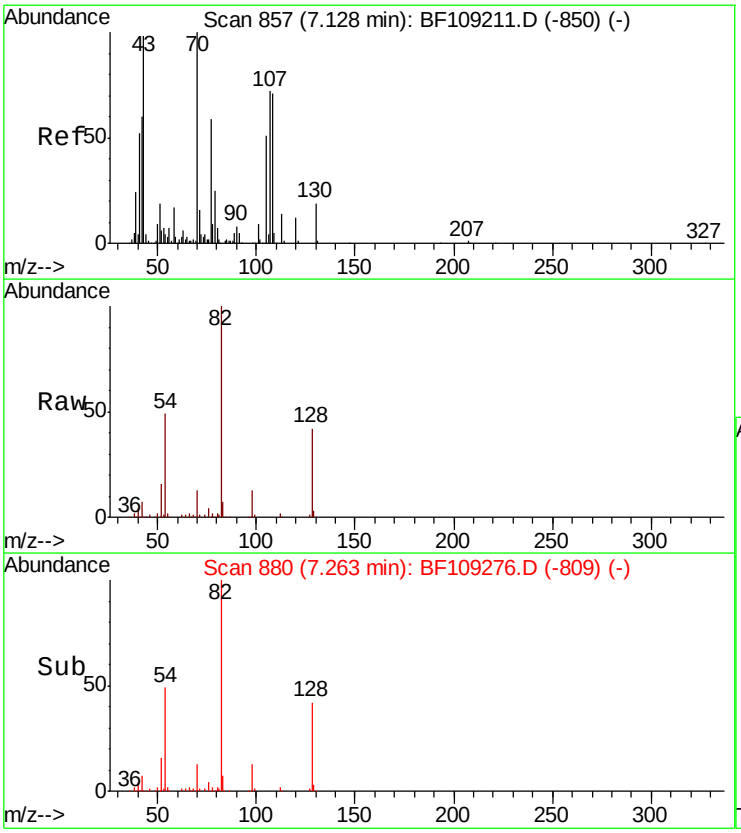
#7
Phenol-d6
Concen: 31.629 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion: 99 Resp: 235680

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	35.1	25.4	38.0

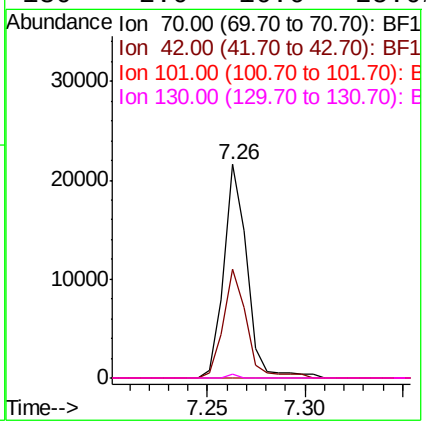


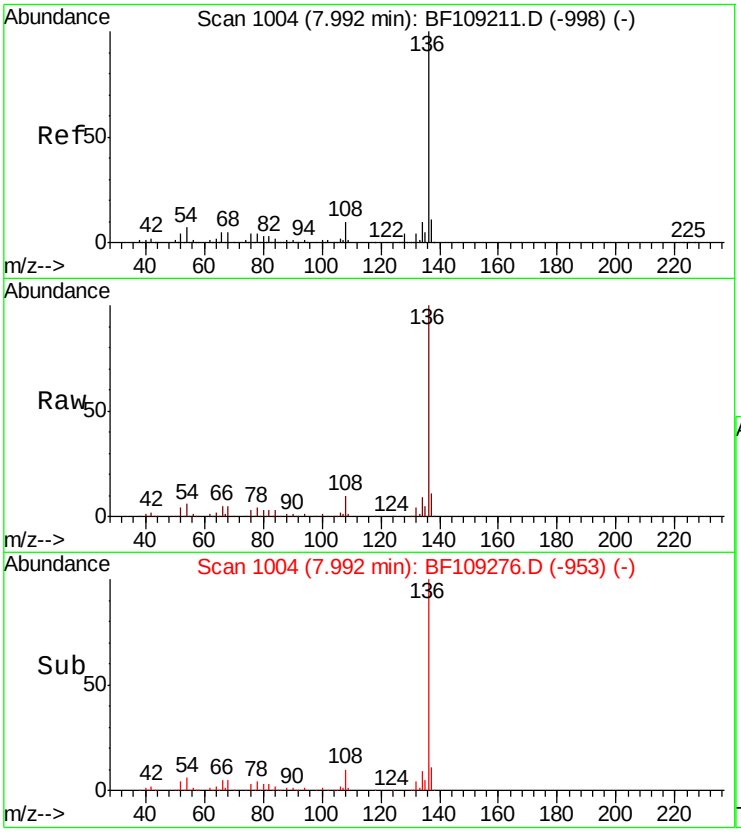


#19
n-Nitroso-di-n-propylamine
Concen: 3.661 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion: 70 Resp: 17877

Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



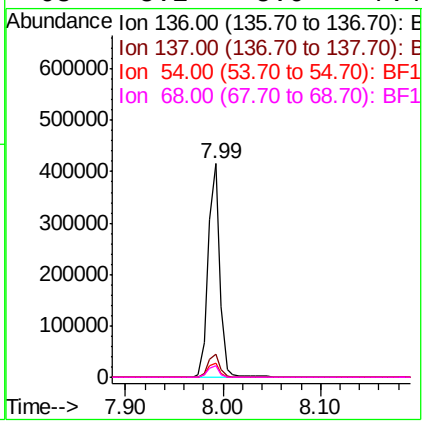


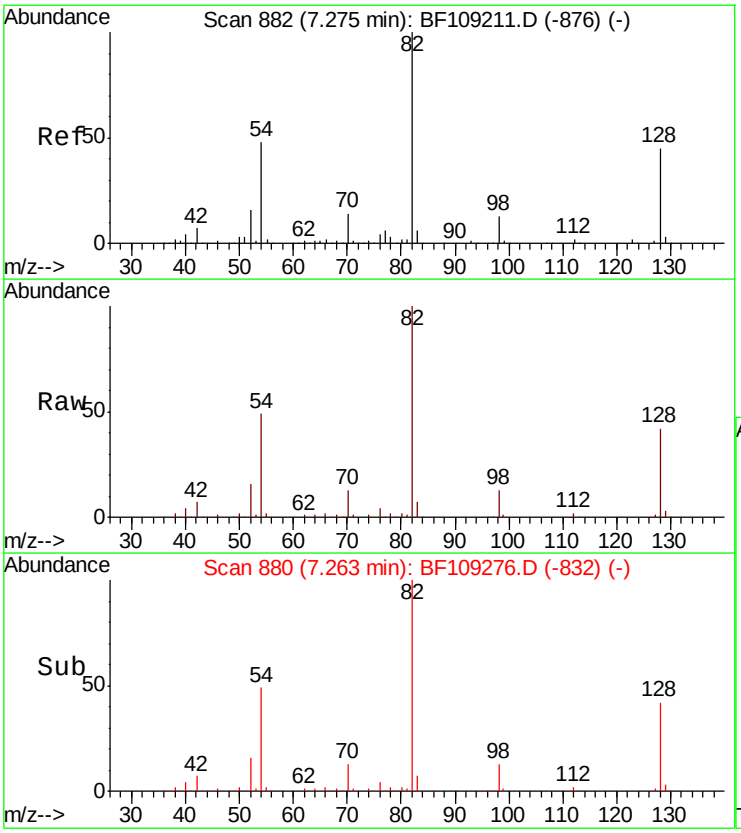
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion:136 Resp: 342438

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	6.6	9.8#
68	5.2	5.0	7.4

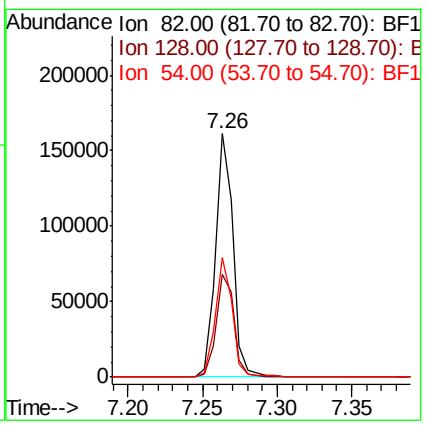


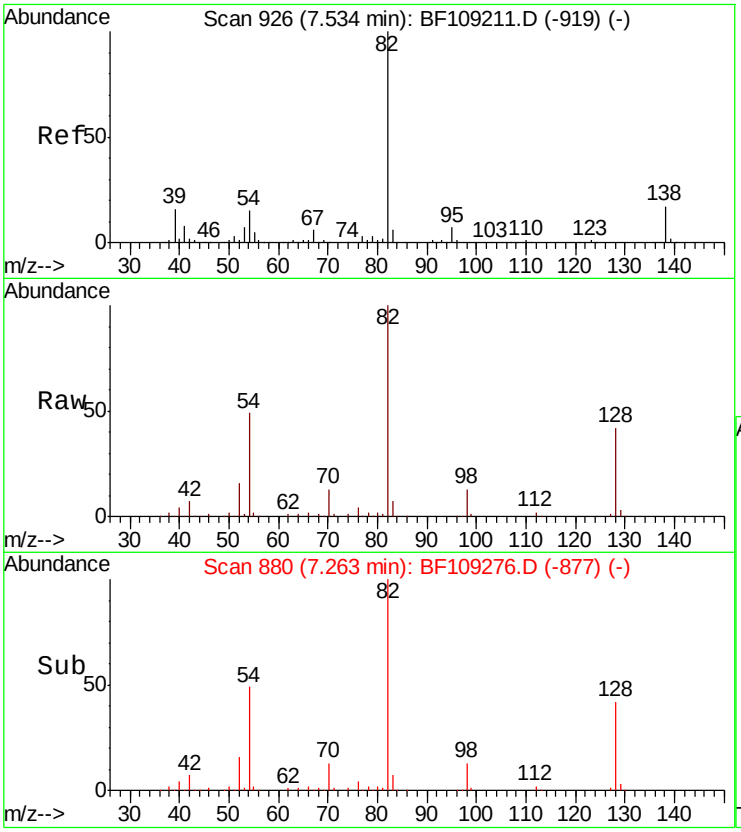


#23
Nitrobenzene-d5
Concen: 22.788 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion: 82 Resp: 132190

Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	49.2	41.4	62.2



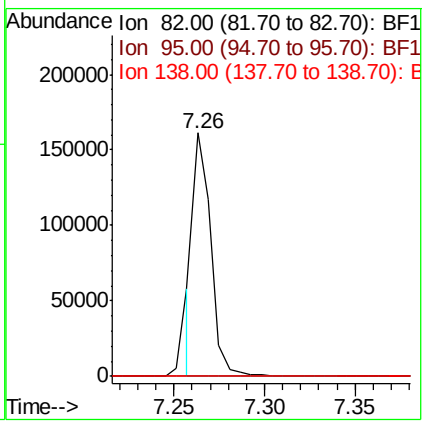


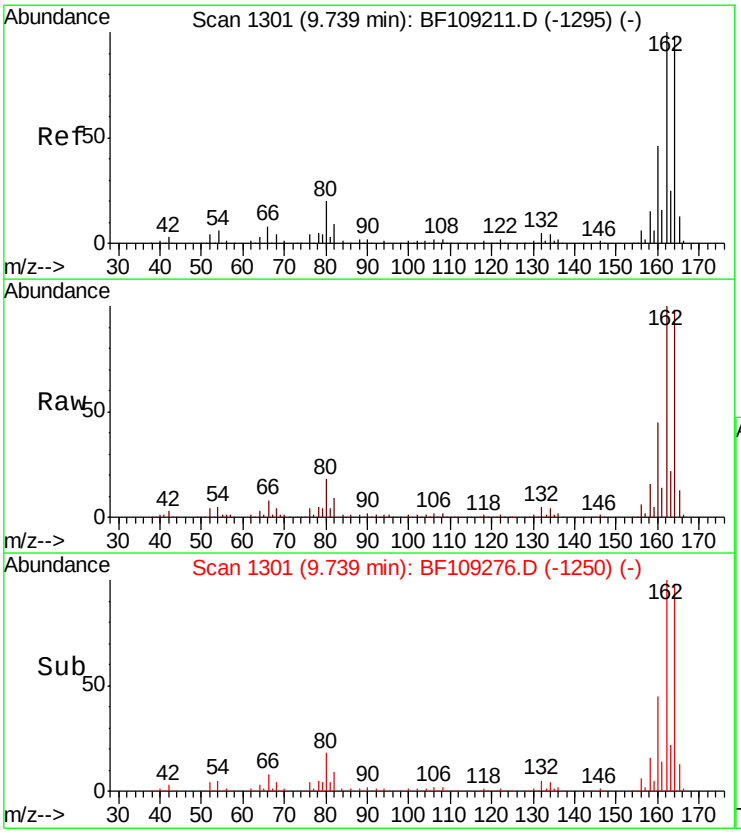
#25
Isophorone
Concen: 10.506 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion: 82 Resp: 109749

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

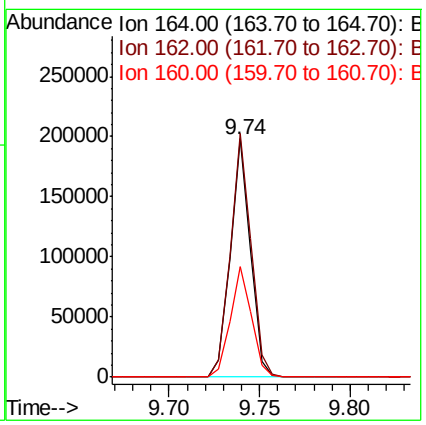


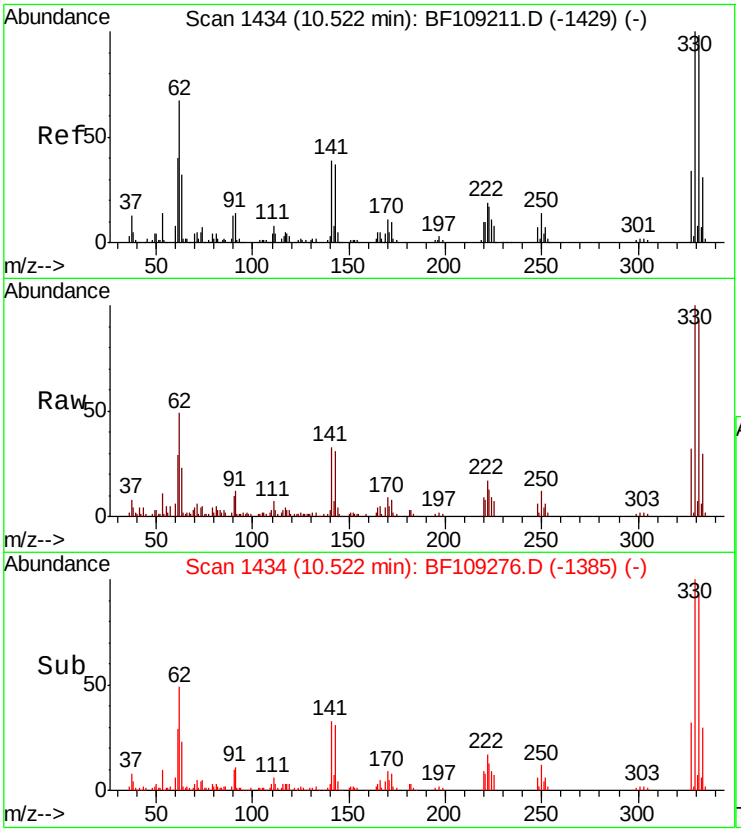


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion:164 Resp: 153111

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.2	38.3	57.5



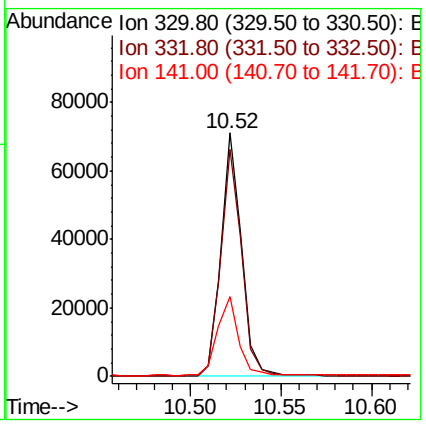


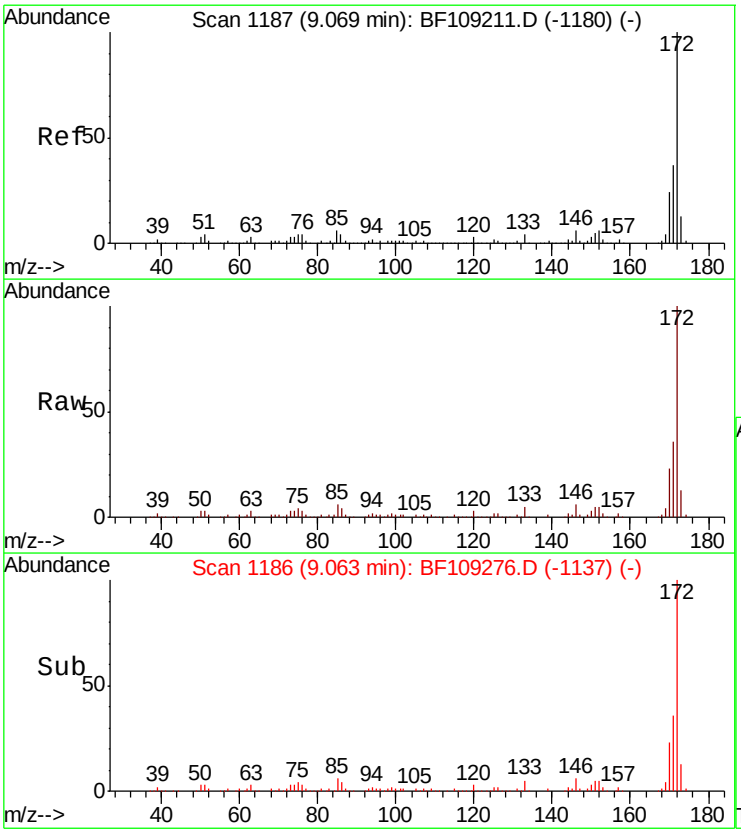
#41
2,4,6-Tribromophenol
Concen: 37.237 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion:330 Resp: 56204

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	33.1	29.9	44.9

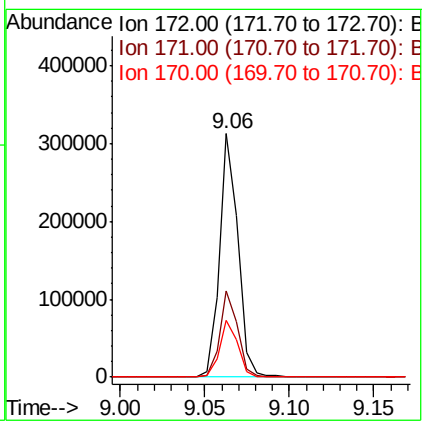


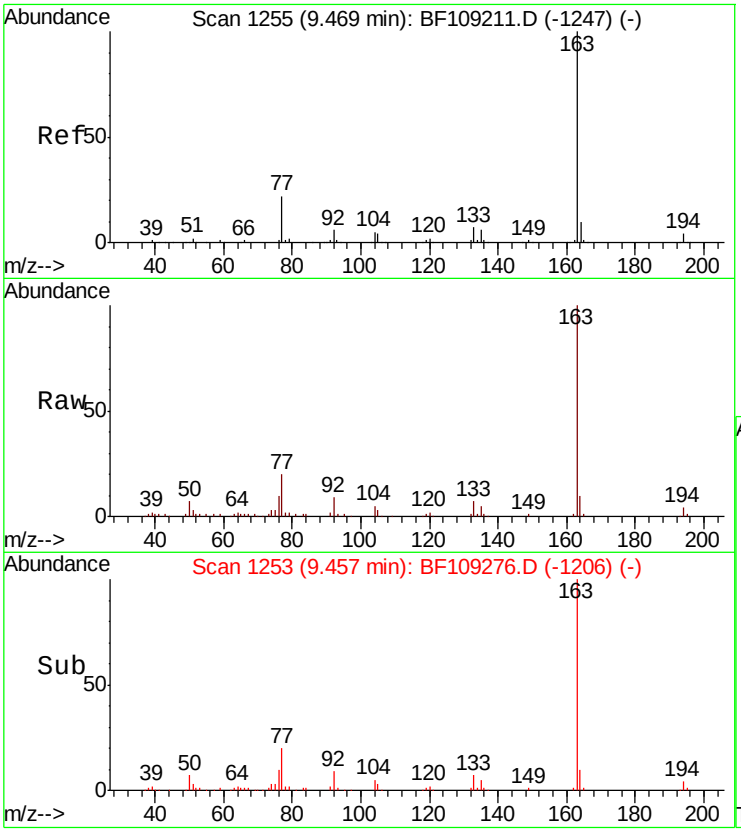


#44
2-Fluorobiphenyl
Concen: 23.440 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion:172 Resp: 237966

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.3	19.6	29.4



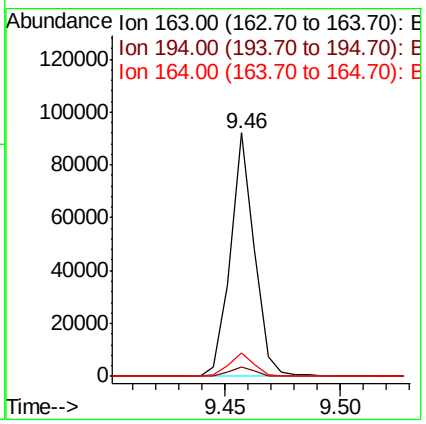


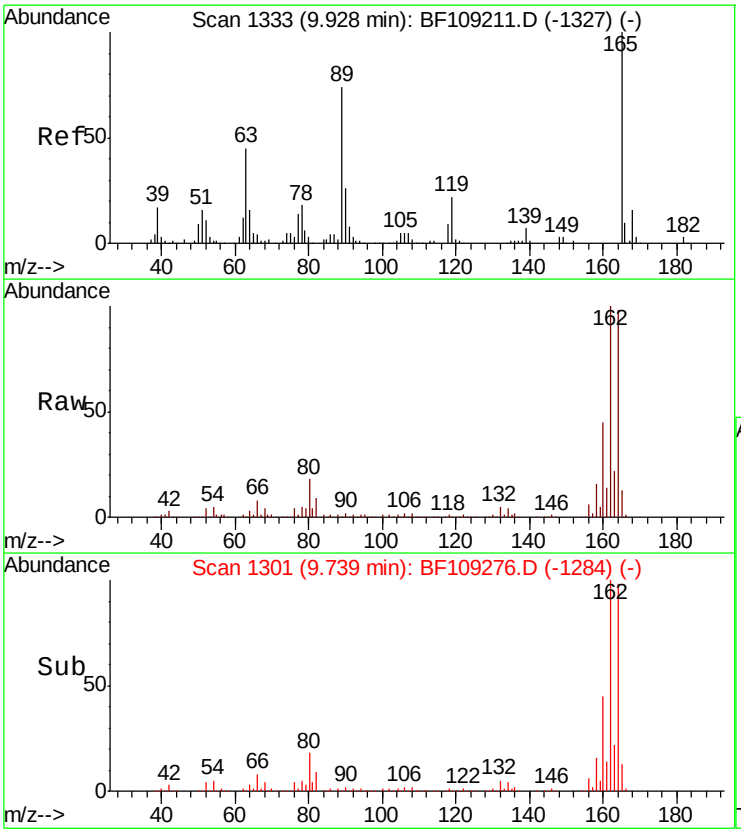
#49
Dimethylphthalate
Concen: 5.997 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion:163 Resp: 66785

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.6	8.2	12.2

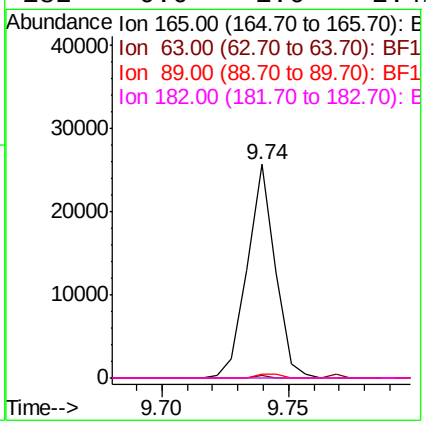


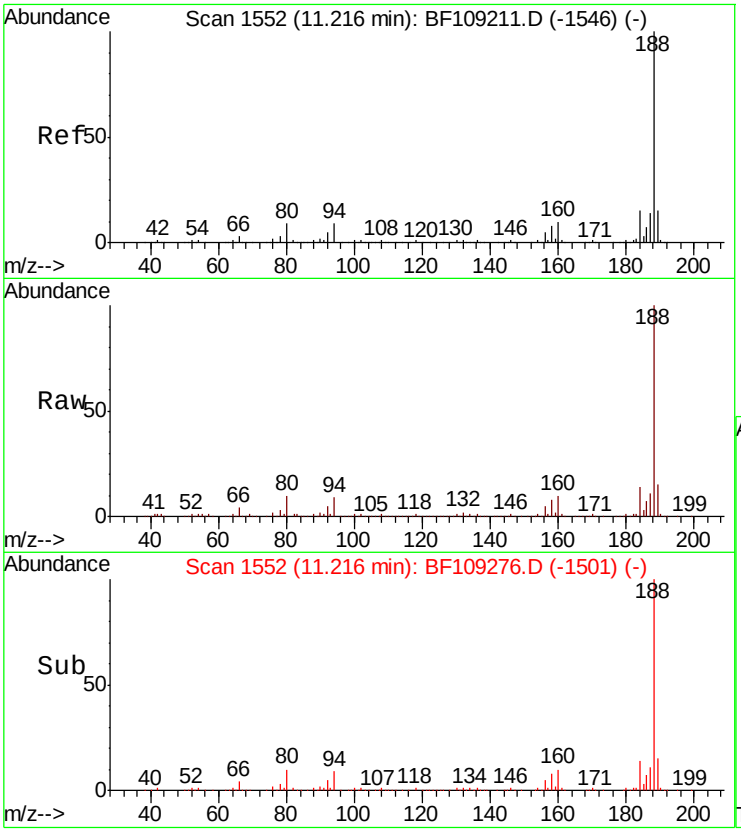


#56
2,4-Dinitrotoluene
Concen: 7.083 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion:165 Resp: 19766

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



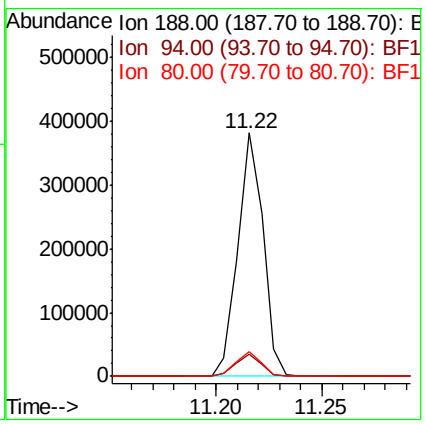


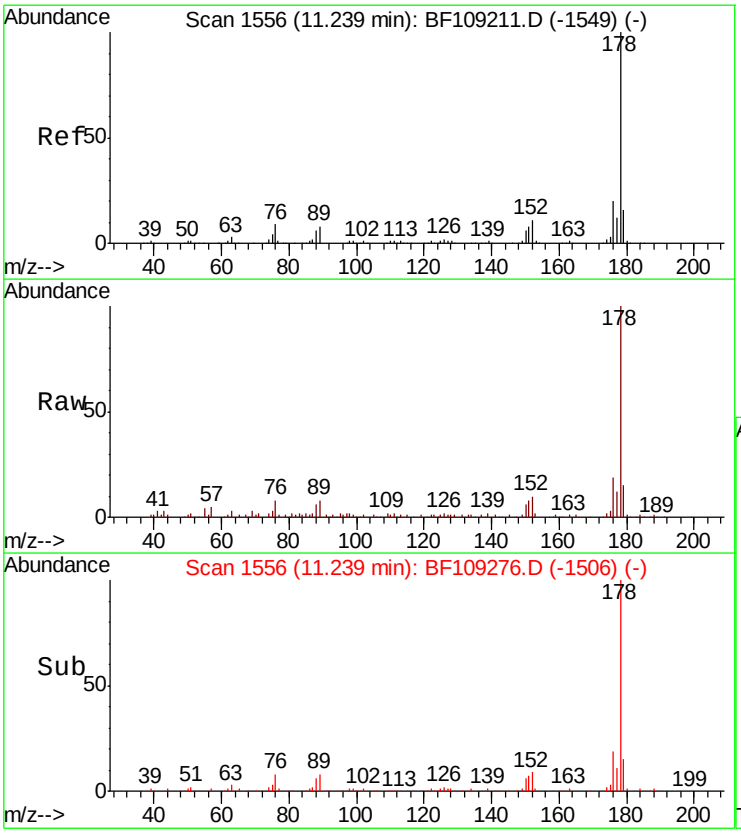
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion:188 Resp: 316331

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.2	9.2	13.8

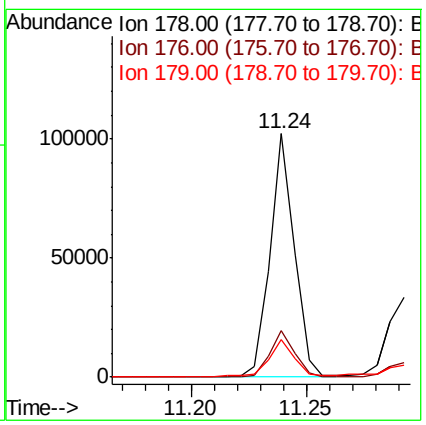


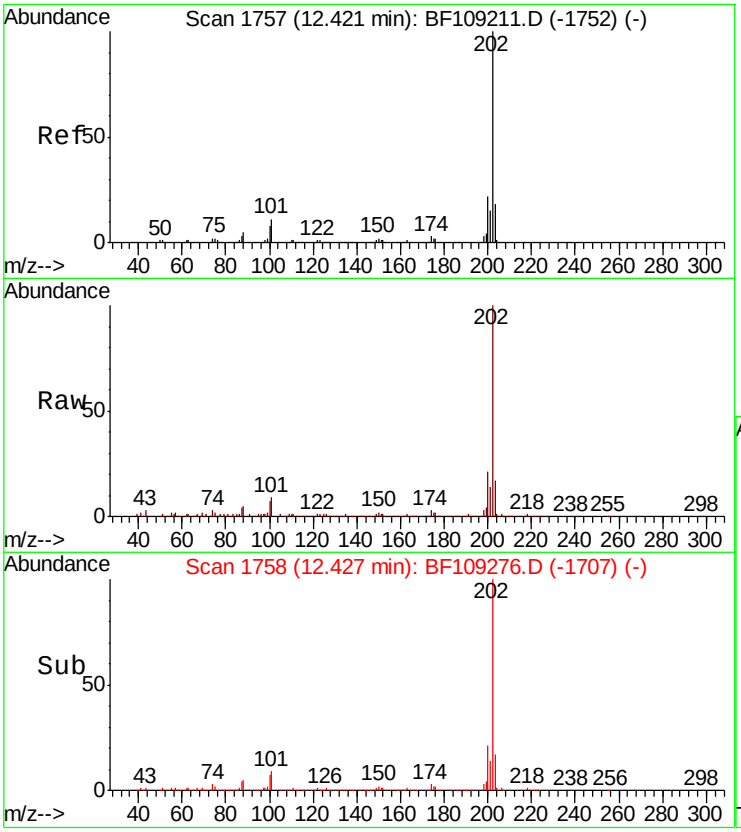


#70
Phenanthrene
Concen: 4.742 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion:178 Resp: 74894

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.4	13.0	19.6



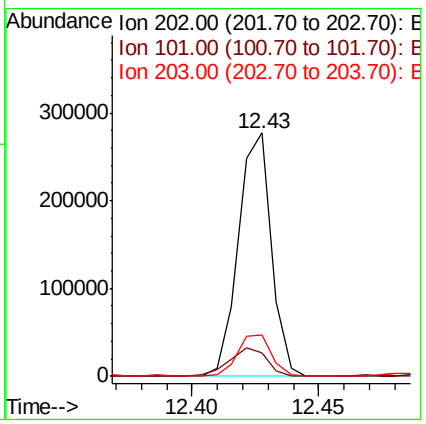


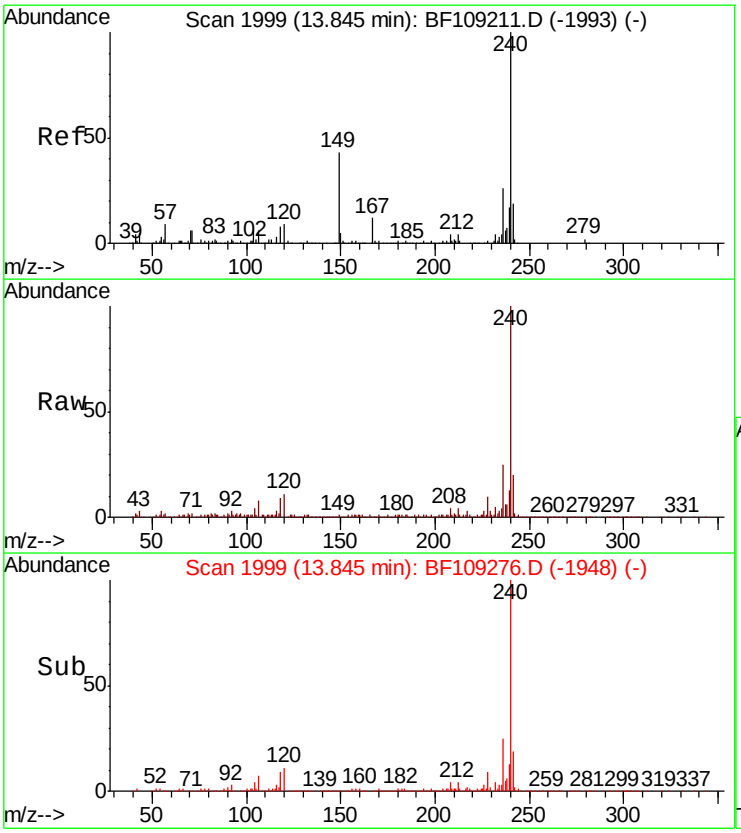
#74
Fluoranthene
Concen: 14.750 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion:202 Resp: 248963

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	34.1
203	16.9	0.0	38.1

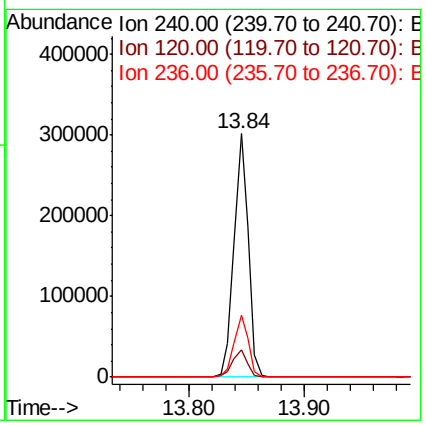


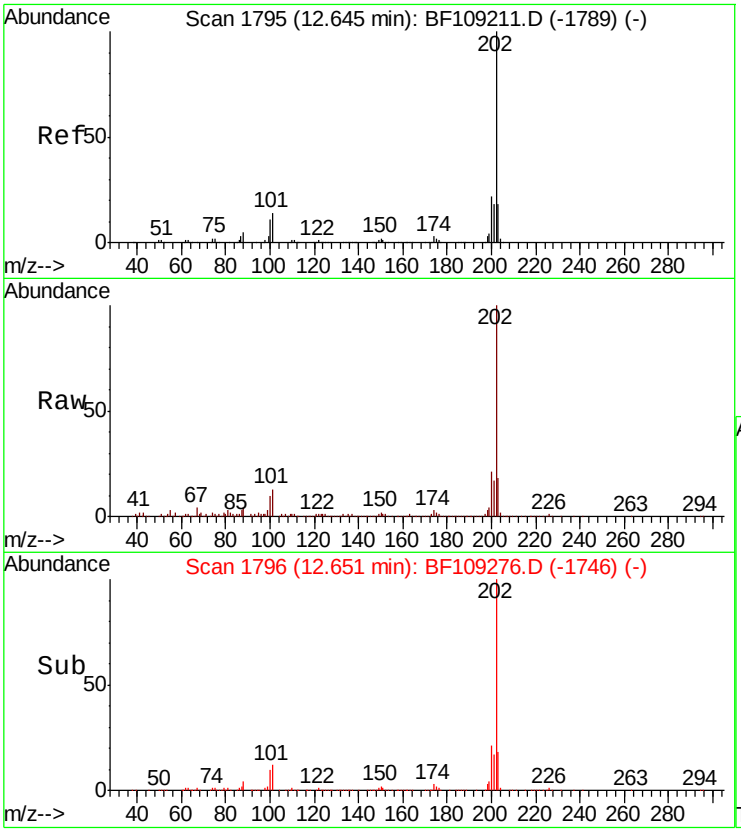


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion:240 Resp: 256871

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.4	20.7	31.1



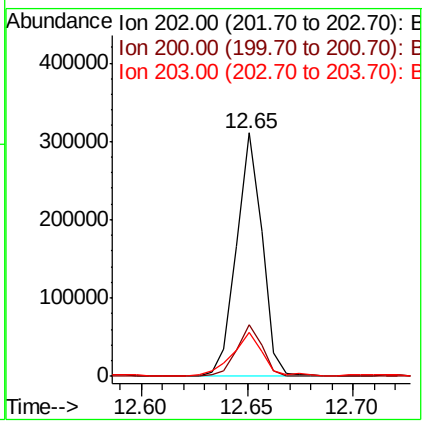


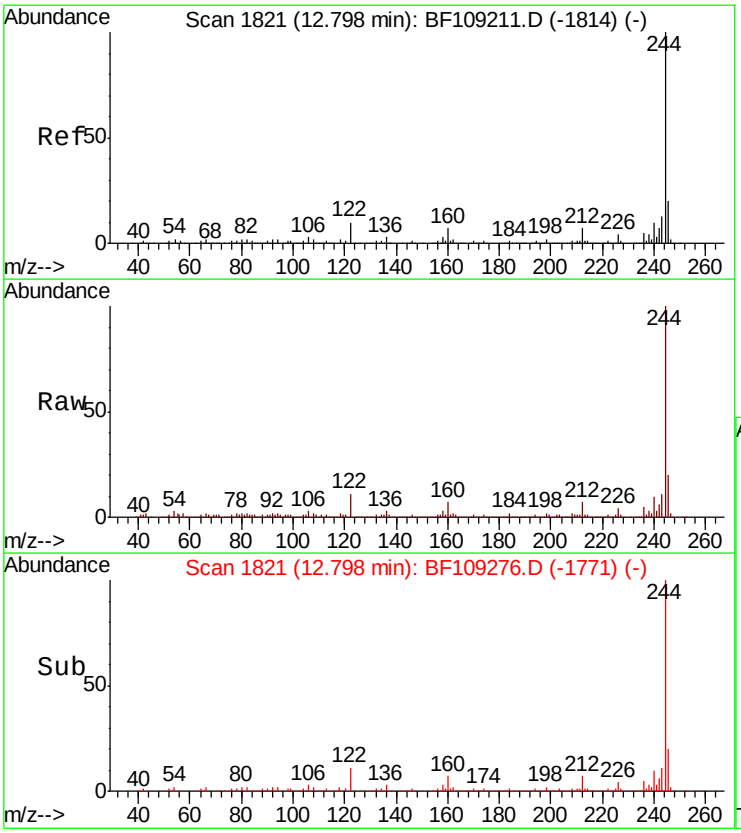
#77
Pyrene
Concen: 14.132 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion:202 Resp: 260171

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.9	14.3	21.5

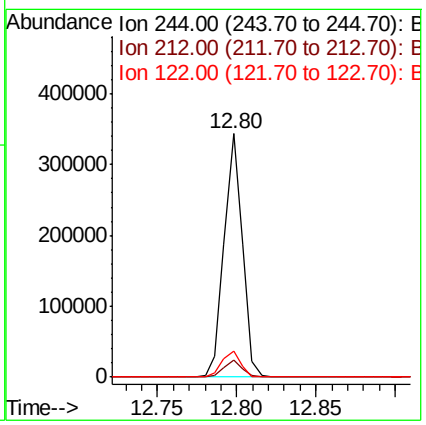


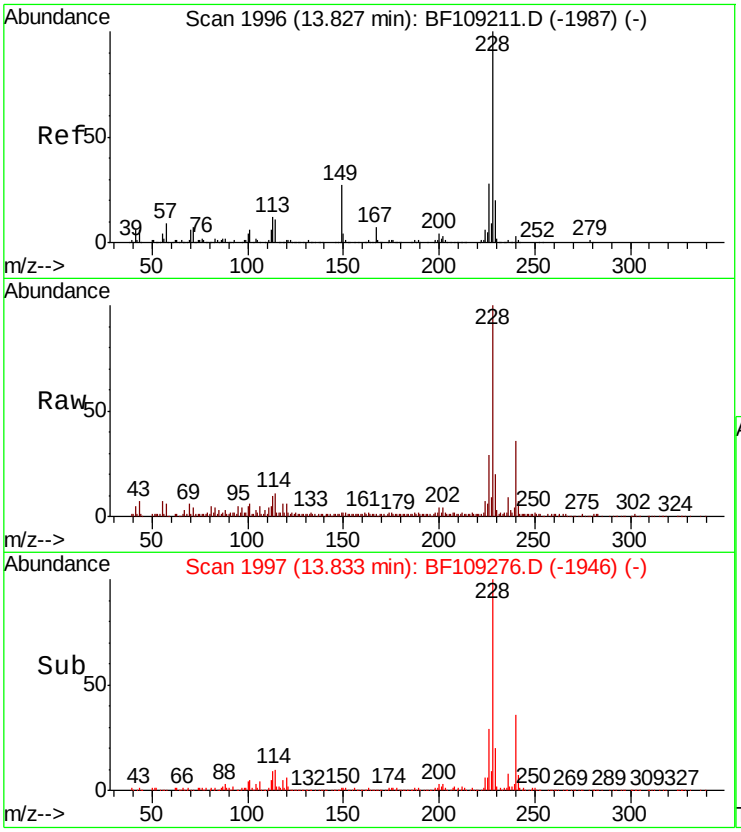


#78
Terphenyl-d14
Concen: 26.109 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion:244 Resp: 273274

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.9	11.0	16.4#



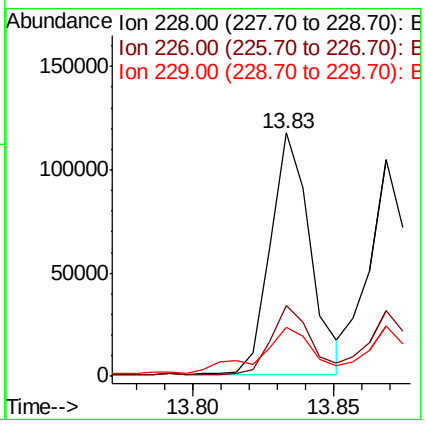


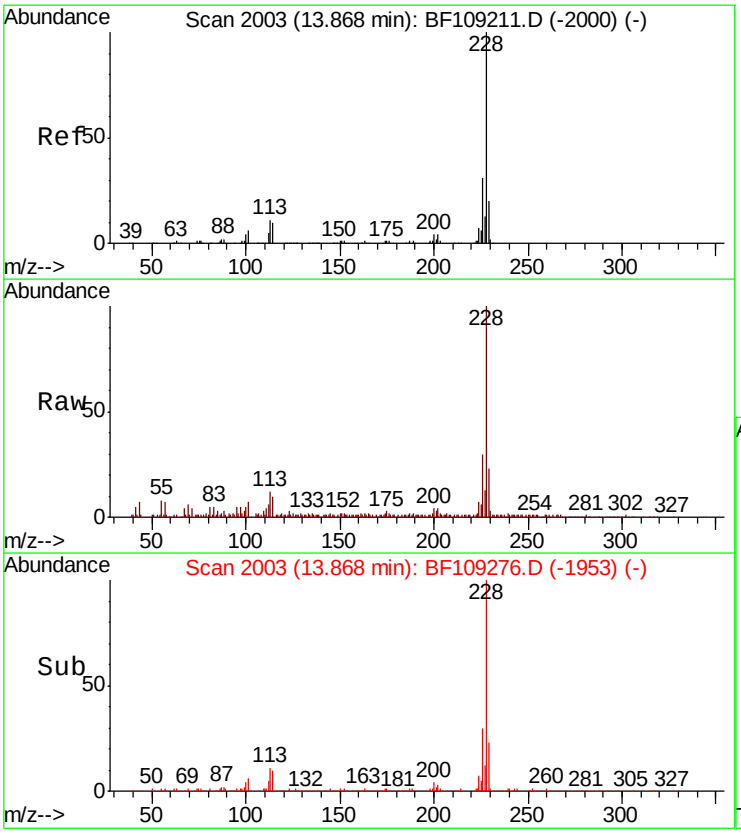
#80
Benzo(a)anthracene
Concen: 7.431 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion:228 Resp: 114979

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.2	15.8	23.6

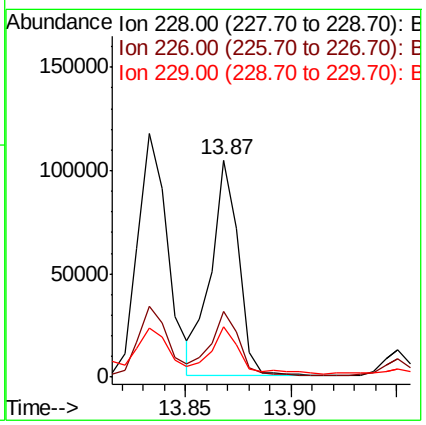


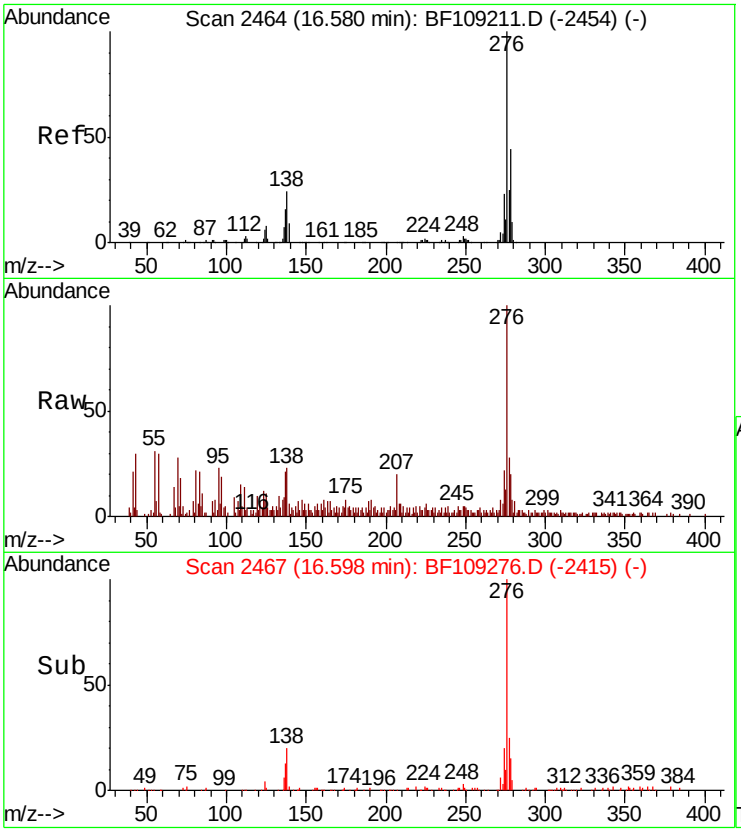


#82
Chrysene
Concen: 6.170 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion:228 Resp: 94611

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	23.4	16.2	24.4



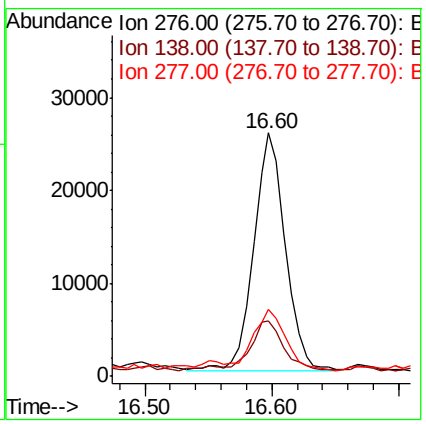


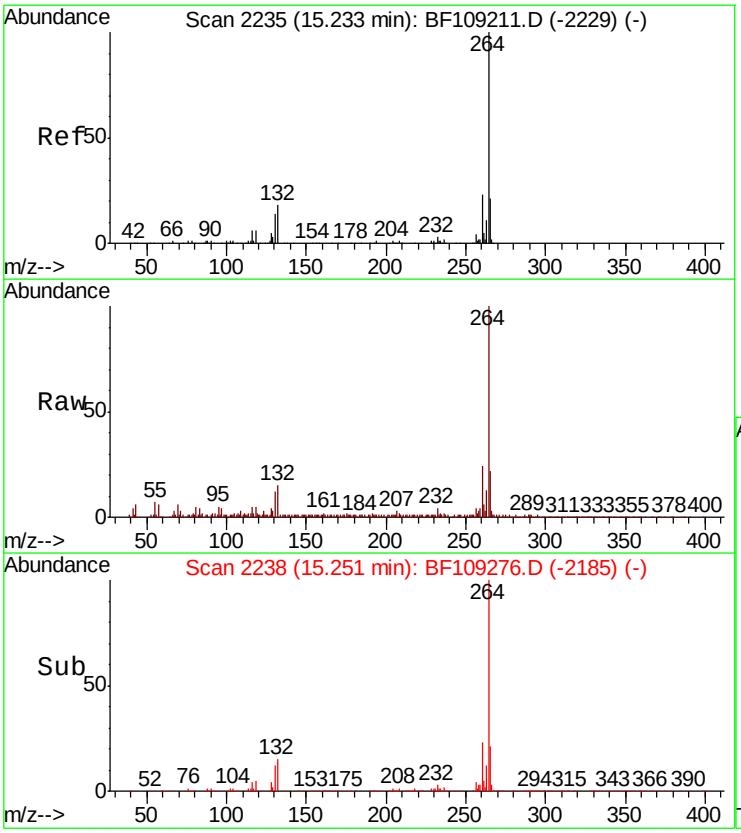
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.582 ng
RT: 16.60 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion:276 Resp: 44529

Ion	Ratio	Lower	Upper
276	100		
138	22.3	25.0	37.6#
277	27.2	20.1	30.1

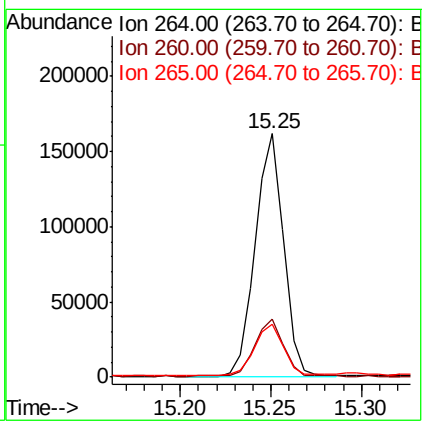


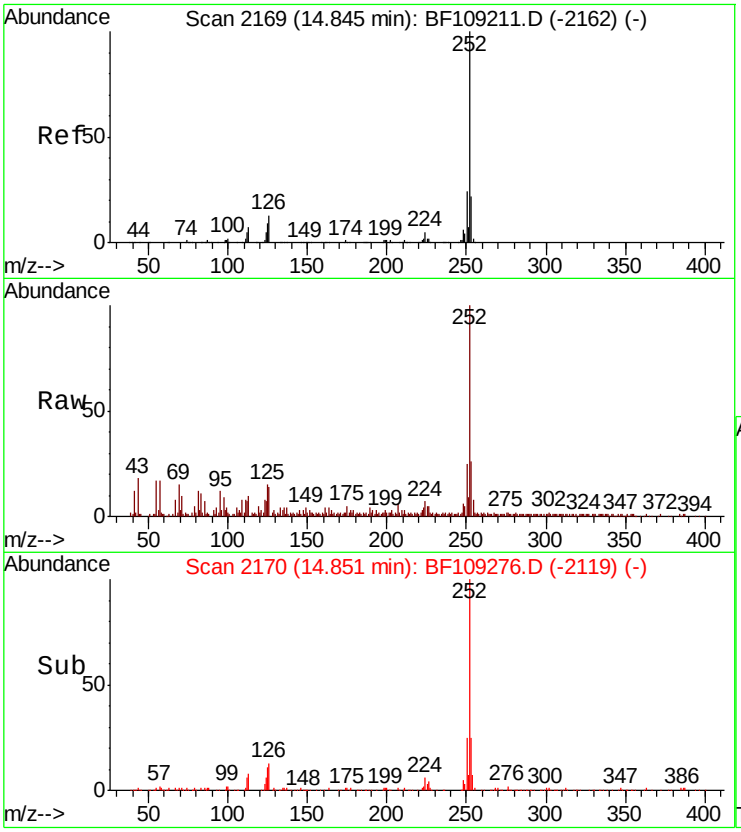


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion:264 Resp: 174897

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3



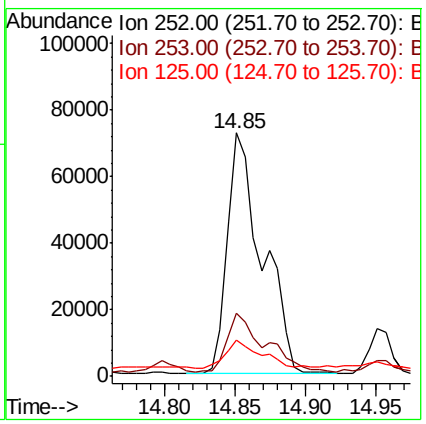


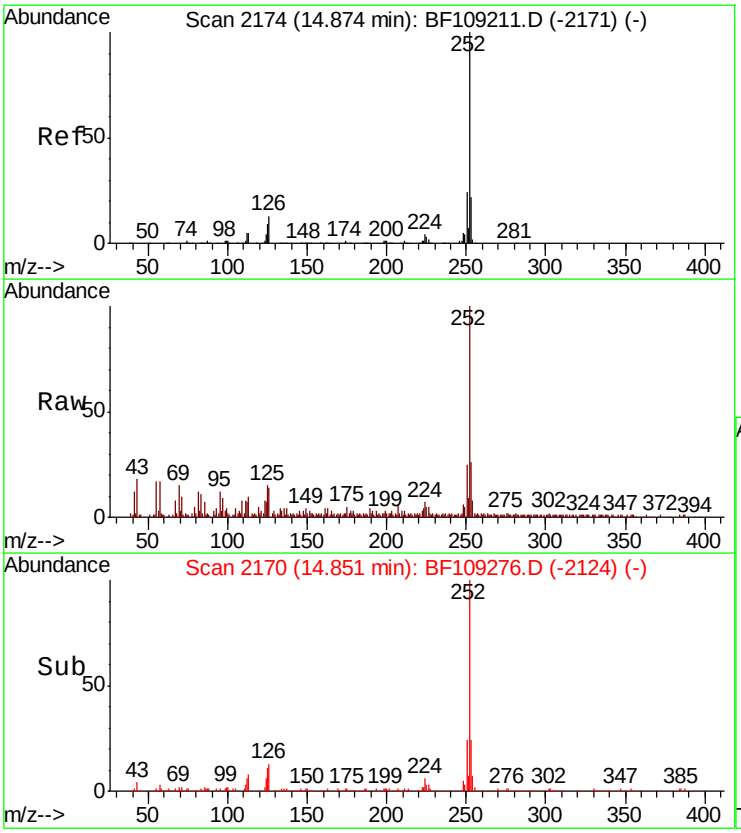
#87
Benzo(b)fluoranthene
Concen: 13.024 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion:252 Resp: 125166

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	14.8	9.0	13.6#

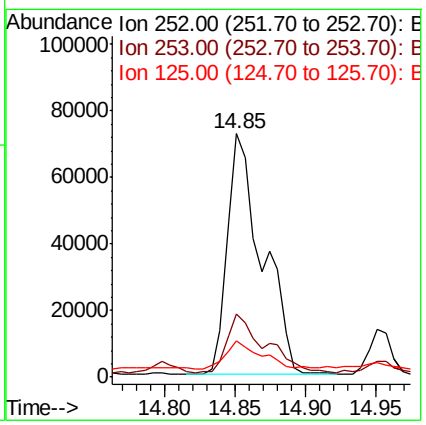


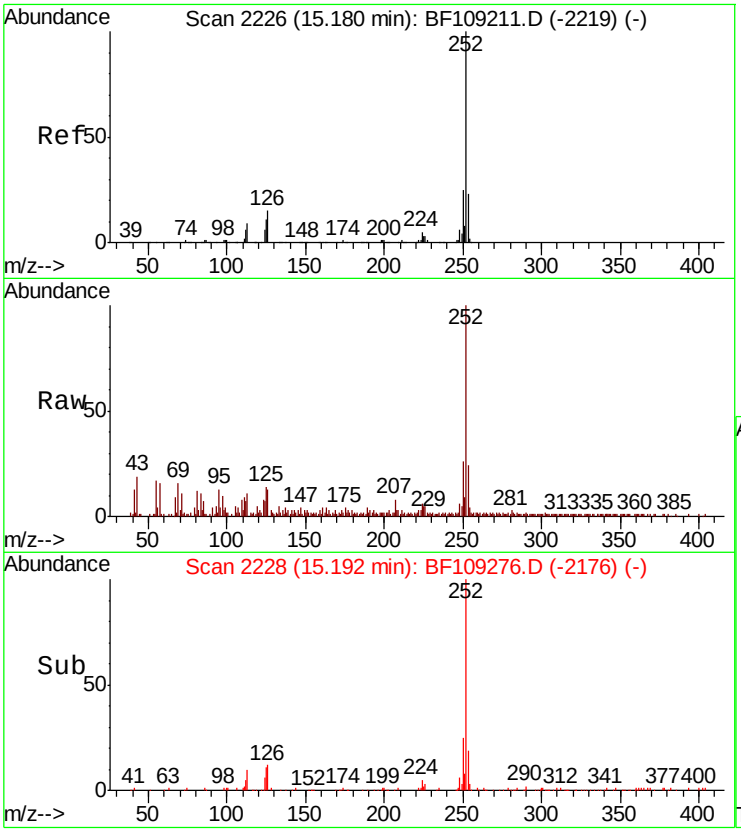


#88
Benzo(k)fluoranthene
Concen: 13.725 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion:252 Resp: 125166

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	14.8	10.2	15.2



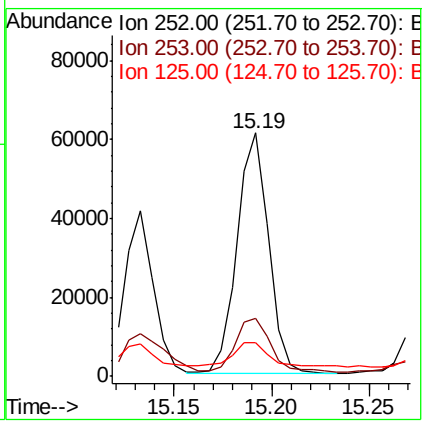


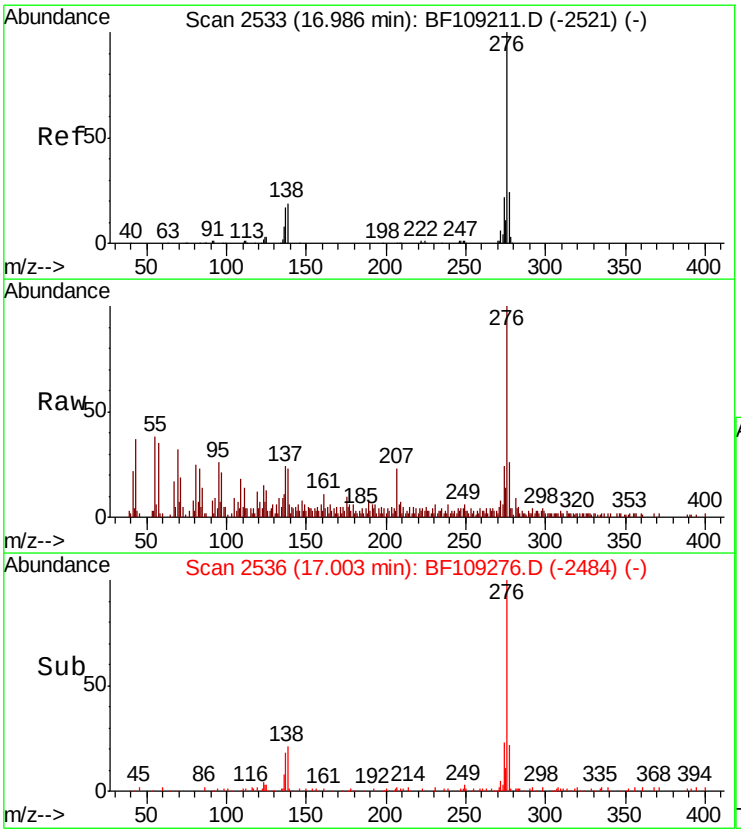
#89
Benzo(a)pyrene
Concen: 7.929 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-H

Tgt Ion:252 Resp: 68660

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	13.7	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.121 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF109276.D
Acq: 24 Sep 2018 19:03

Tgt Ion:276 Resp: 42736

Ion	Ratio	Lower	Upper
276	100		
277	26.2	17.9	26.9
138	23.0	21.8	32.8