Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
Data File : BF109275.D
Acq On : 24 Sep 2018 18:37
Operator : JU/SJ
Sample : J4770-13 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Sep 25 04:42:52 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	118139	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	461271	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	206026	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	349302	20.00	ng		0.00
75) Chrysene-d12	13.84	240	275334	20.00	ng		0.00
86) Perylene-d12	15.25	264	210942	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	248905	34.70	ng		0.00
7) Phenol-d6	6.34	99	319888	34.95	ng		-0.02
23) Nitrobenzene-d5	7.26	82	188997	24.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	69431	34.19	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	337697	24.72	ng		-0.01
78) Terphenyl-d14	12.80	244	258556	23.05	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	25918	4.322	ng	#	82
25) Isophorone	7.26	82	152568	10.843	ng	#	64
49) Dimethylphthalate	9.46	163	93730	6.255	ng	#	99
56) 2,4-Dinitrotoluene	9.74	165	27765	7.394	ng	#	23
70) Phenanthrene	11.24	178	95767	5.491	ng		98
74) Fluoranthene	12.43	202	170494	9.148	ng		93
77) Pyrene	12.65	202	166124	8.419	ng		98
80) Benzo(a)anthracene	13.83	228	82930	5.001	ng		93
82) Chrysene	13.87	228	70724	4.303	ng		97
85) Indeno(1,2,3-cd)pyrene	16.59	276	30256	2.271	ng	#	91
87) Benzo(b)fluoranthene	14.85	252	104175	8.988	ng	#	93
88) Benzo(k)fluoranthene	14.85	252	104175	9.471	ng		96
89) Benzo(a)pyrene	15.19	252	54783	5.245	ng	#	90
91) Benzo(g,h,i)perylene	17.00	276	26746	3.176	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
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Acq On : 24 Sep 2018 18:37
Operator : JU/SJ
Sample : J4770-13 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Sep 25 04:42:52 2018
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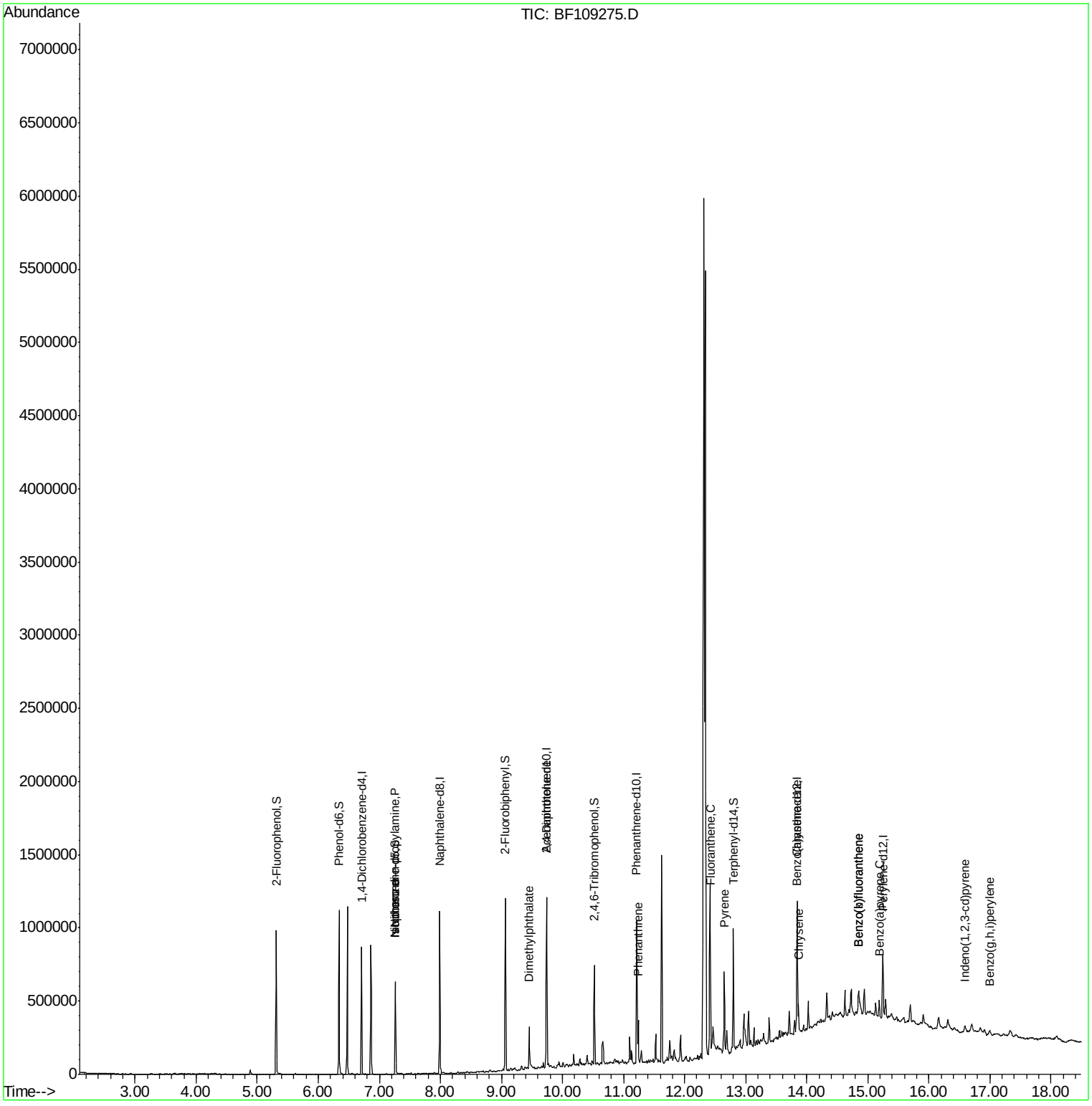
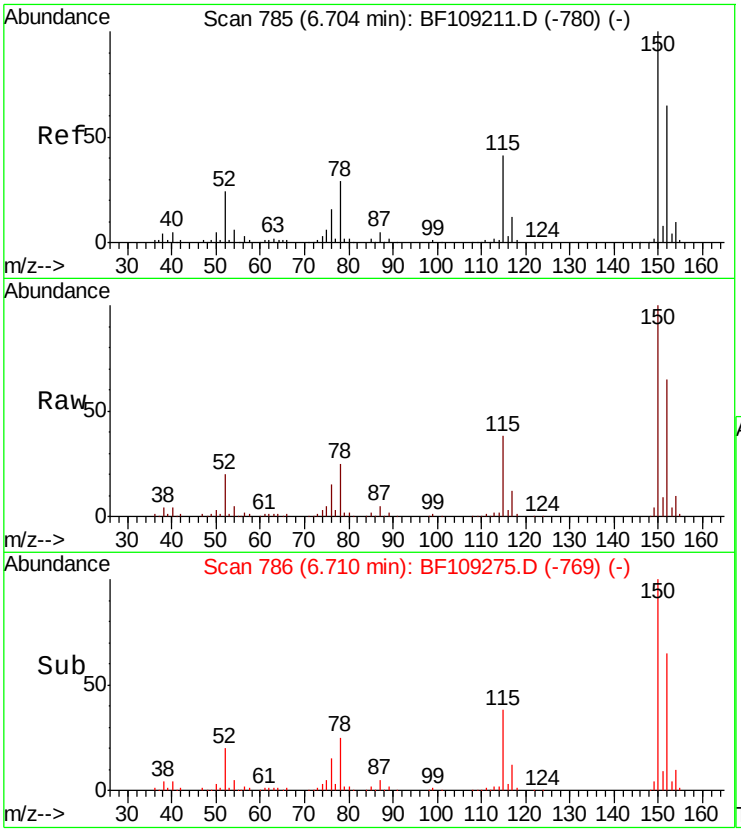
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



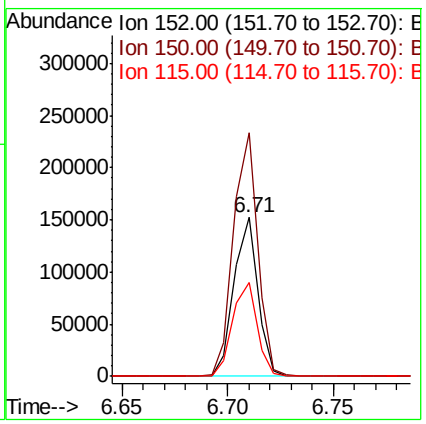


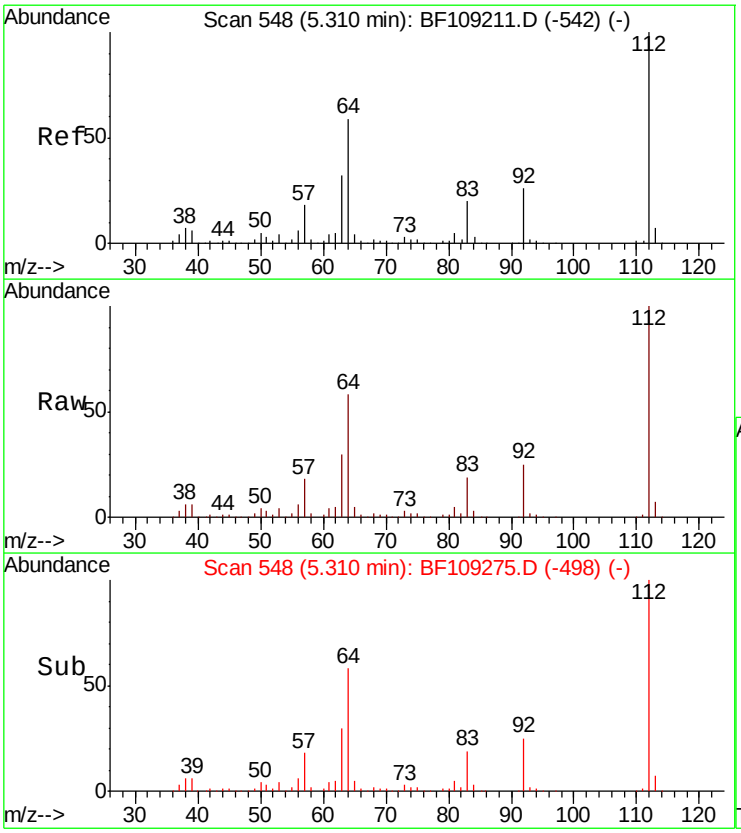
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion:152 Resp: 118139

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	59.0	50.1	75.1

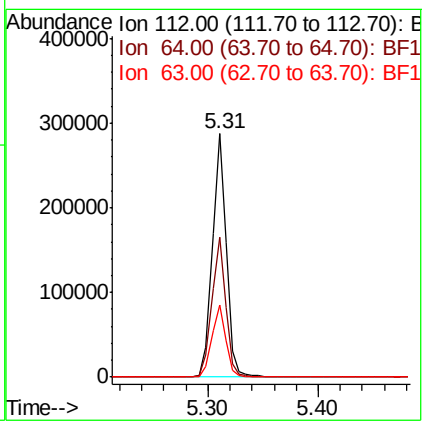


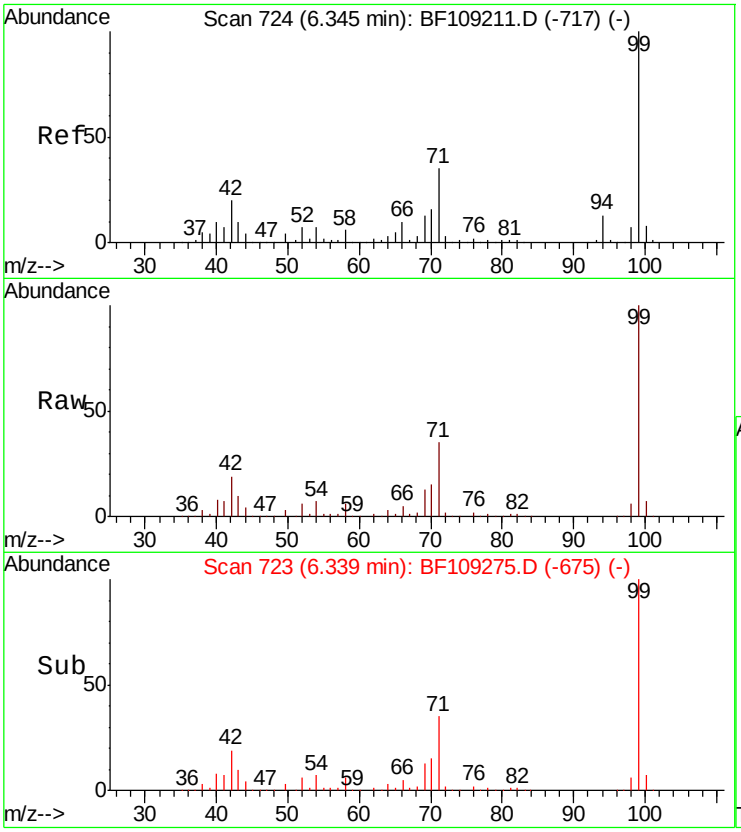


#5
2-Fluorophenol
Concen: 34.702 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion:112 Resp: 248905

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.8	23.7	35.5



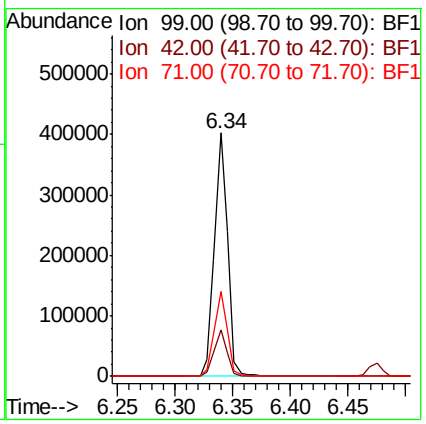


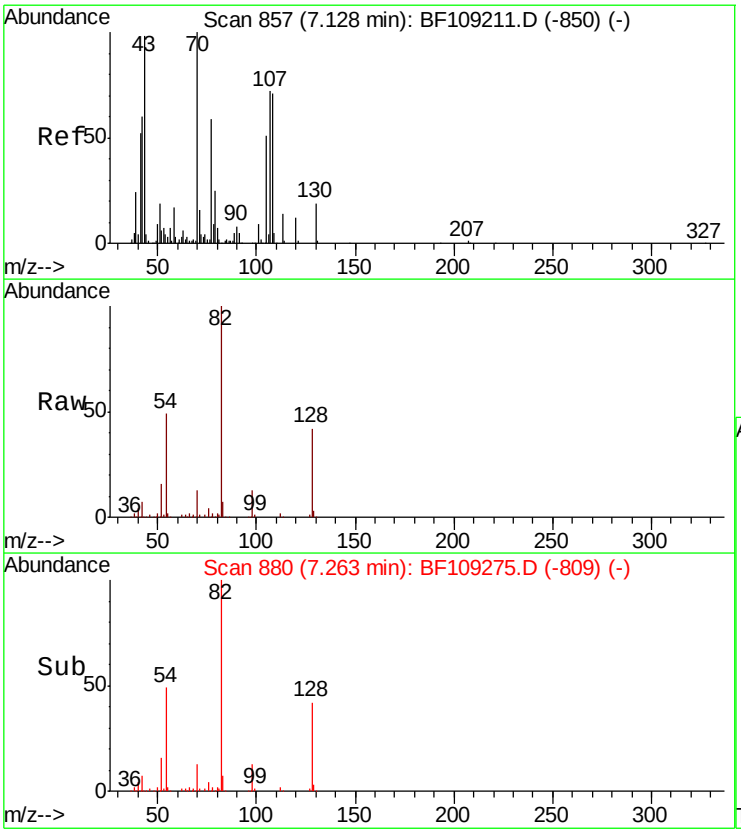
#7
Phenol-d6
Concen: 34.951 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion: 99 Resp: 319888

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	35.0	25.4	38.0

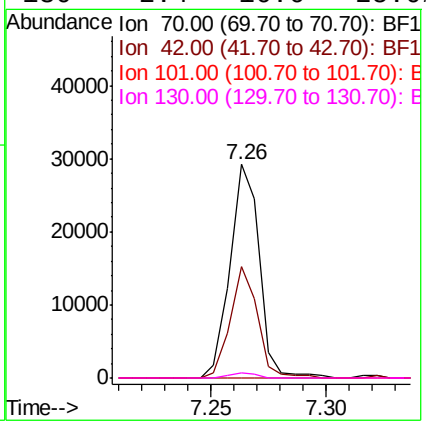


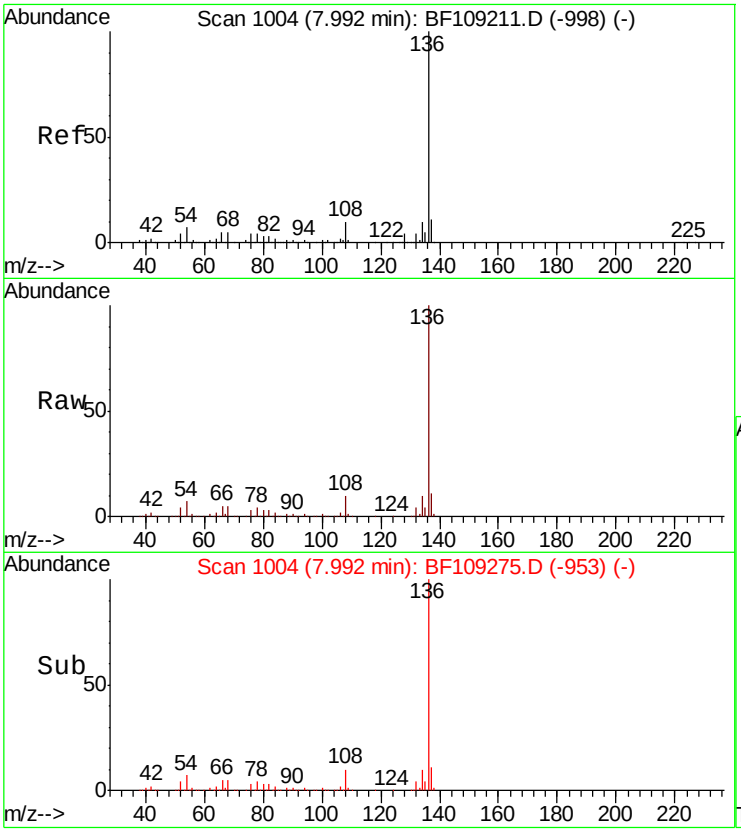


#19
n-Nitroso-di-n-propylamine
Concen: 4.322 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion: 70 Resp: 25918

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



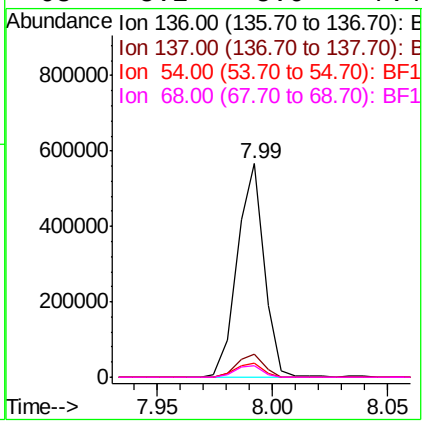


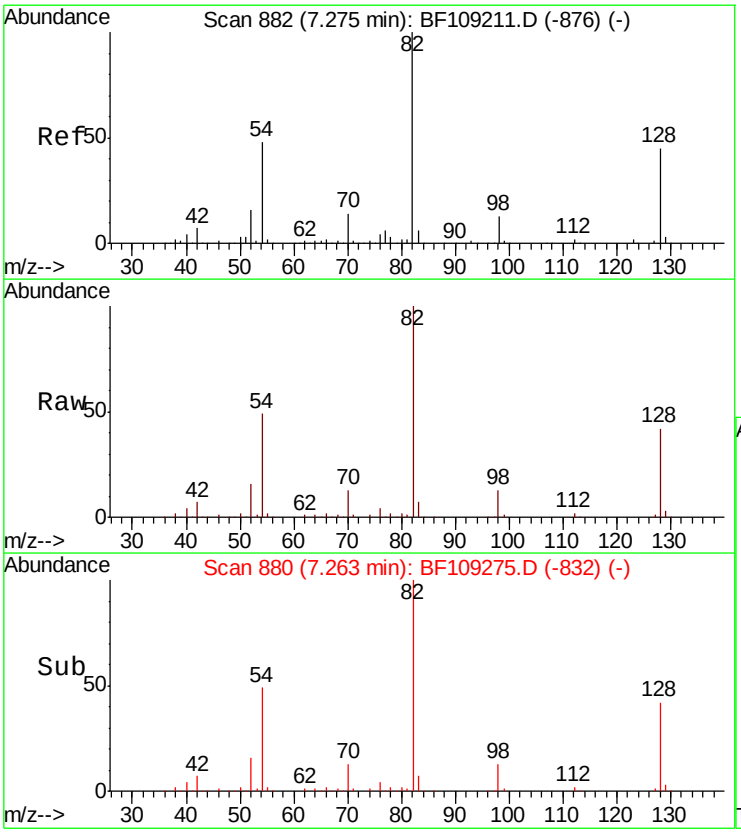
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion:136 Resp: 461271

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.7	6.6	9.8
68	5.2	5.0	7.4

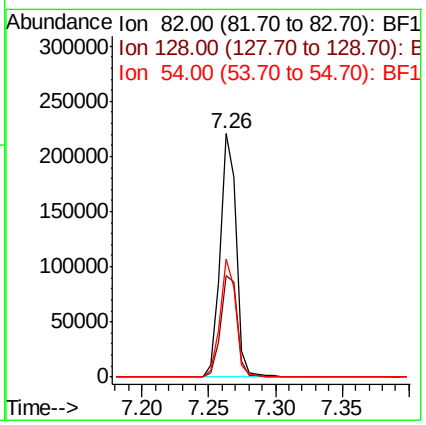


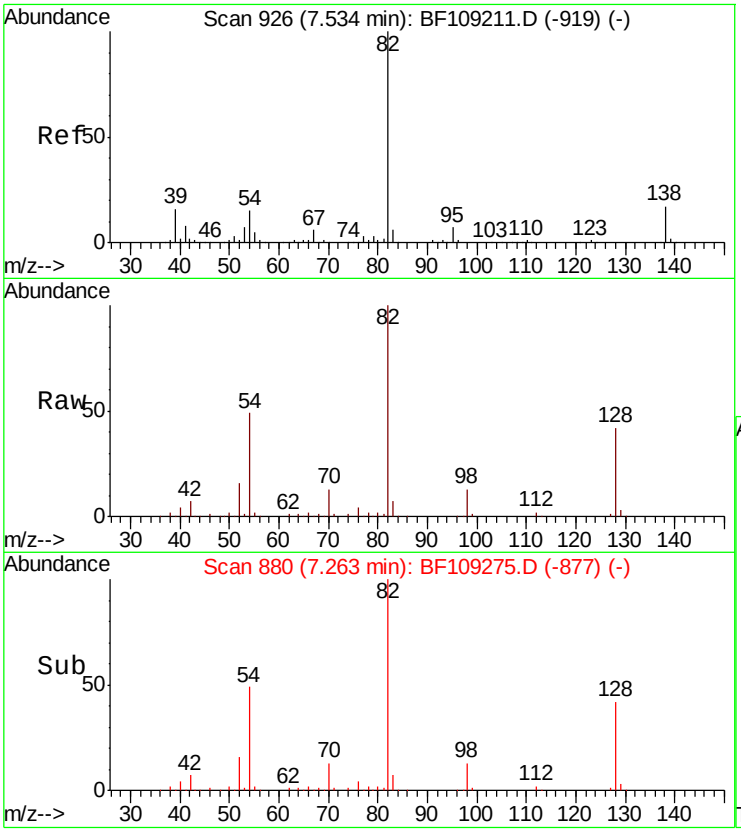


#23
Nitrobenzene-d5
Concen: 24.187 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion: 82 Resp: 188997

Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	48.8	41.4	62.2



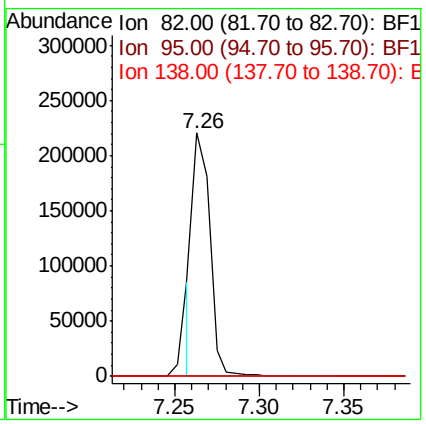


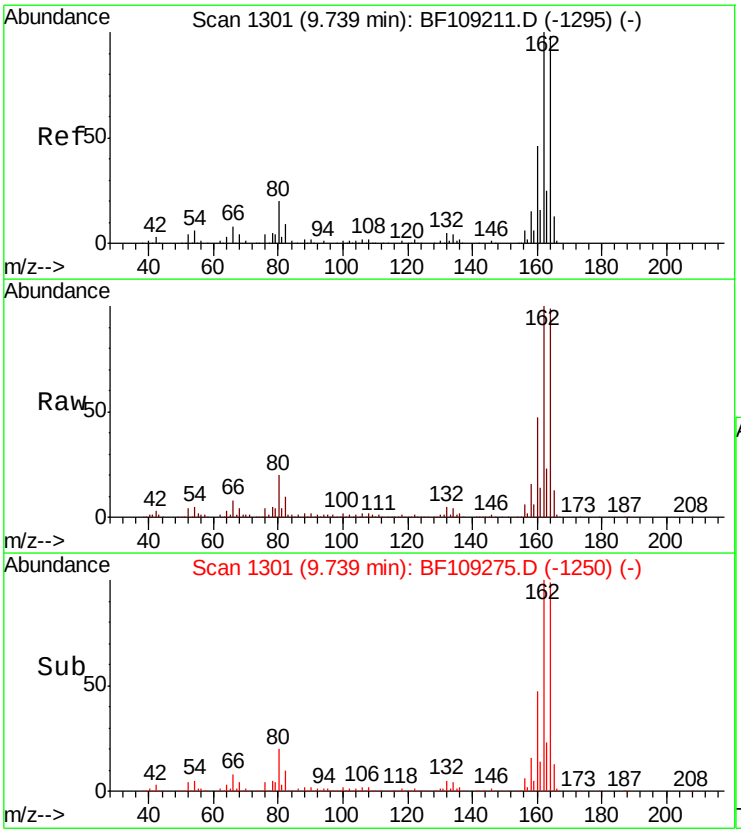
#25
Isophorone
Concen: 10.843 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion: 82 Resp: 152568

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

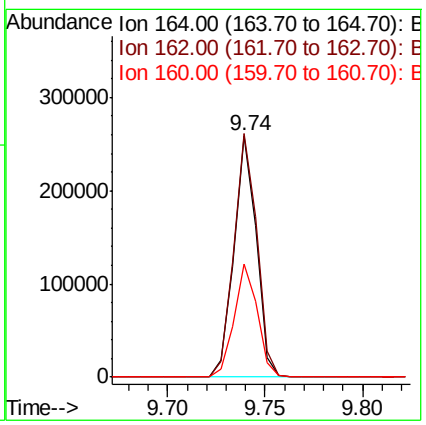


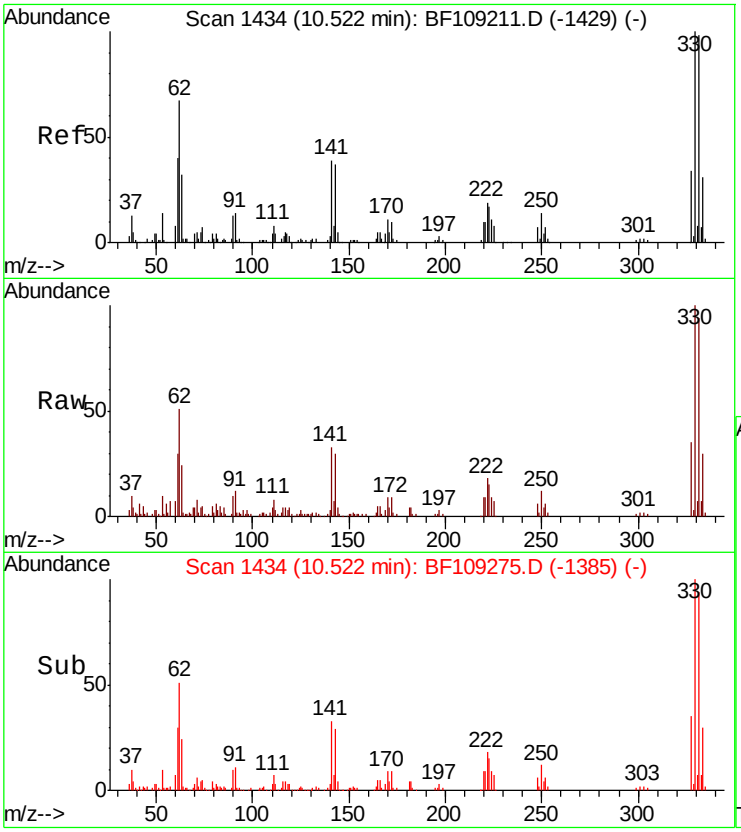


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion:164 Resp: 206026

Ion	Ratio	Lower	Upper
164	100		
162	100.9	86.1	129.1
160	47.1	38.3	57.5



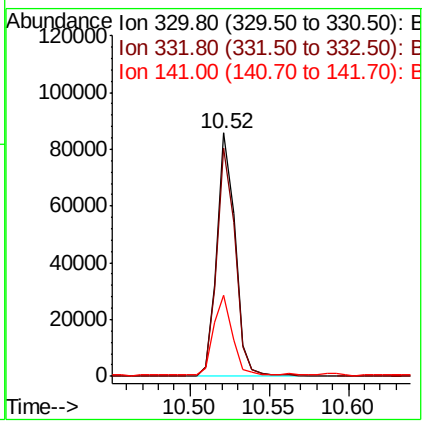


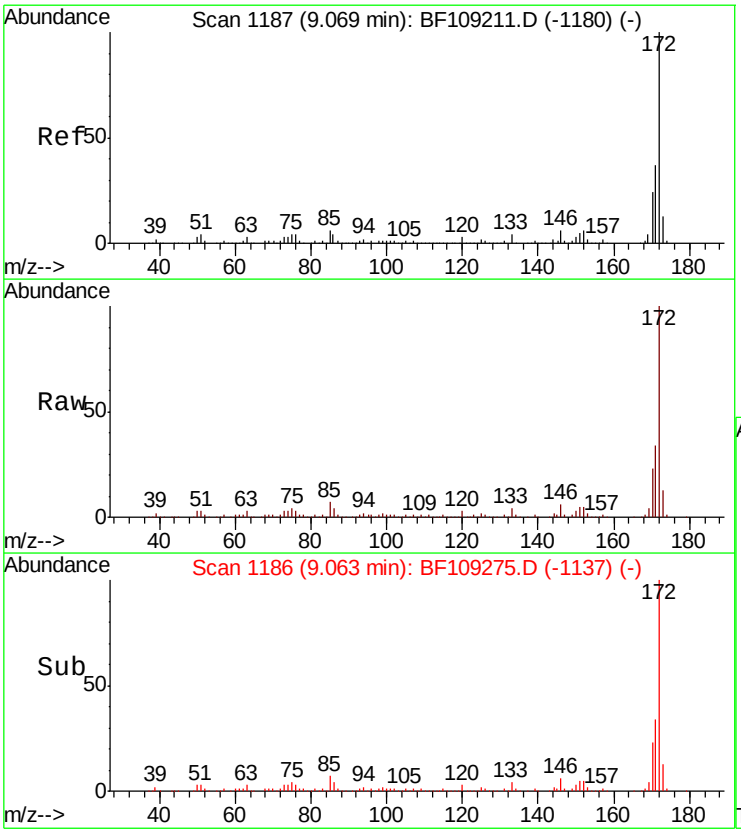
#41
2,4,6-Tribromophenol
Concen: 34.186 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion:330 Resp: 69431

Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	33.5	29.9	44.9

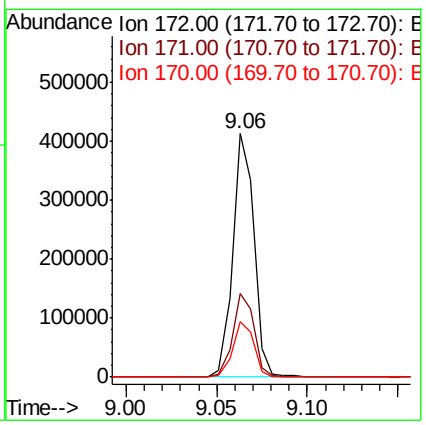


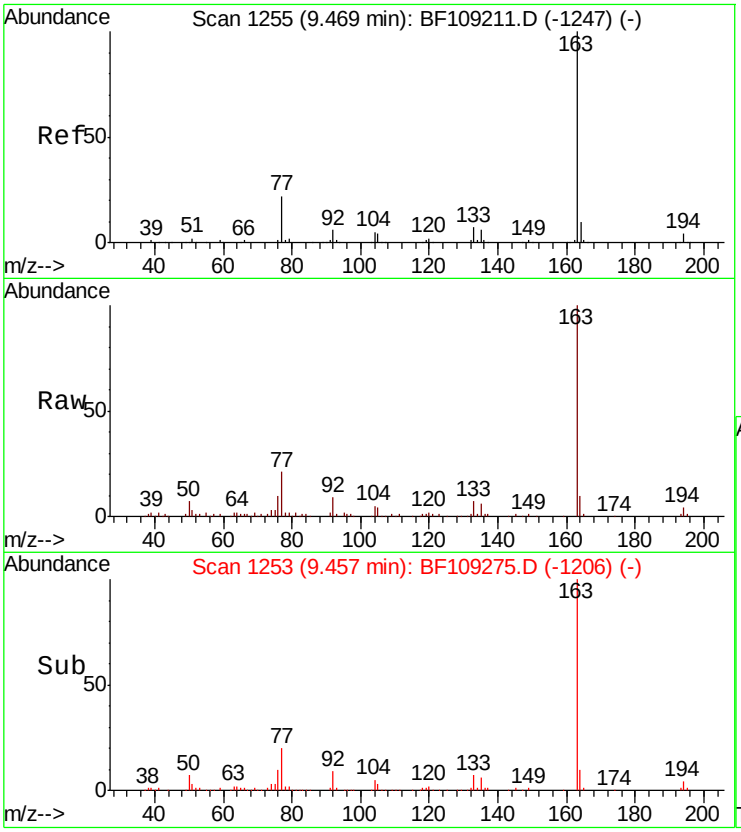


#44
2-Fluorobiphenyl
Concen: 24.721 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion:172 Resp: 337697

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.0	19.6	29.4



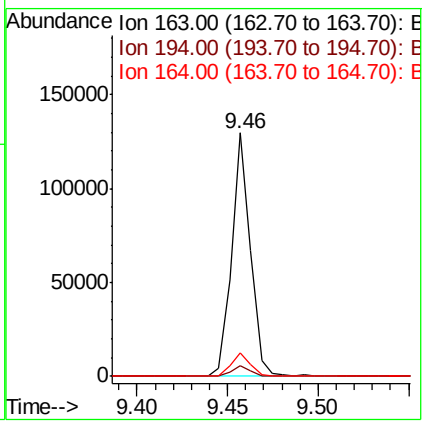


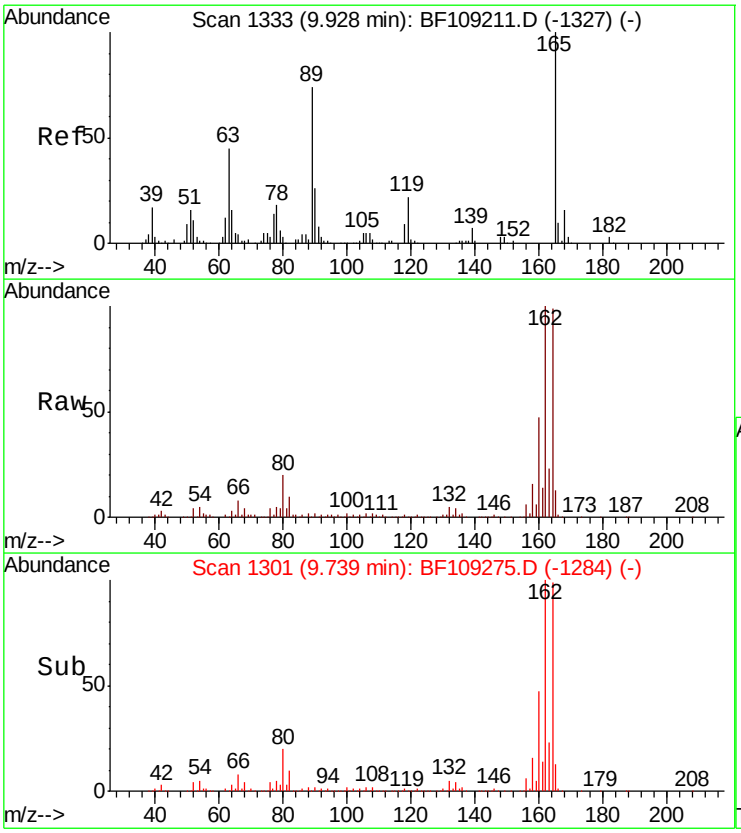
#49
Dimethylphthalate
Concen: 6.255 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion:163 Resp: 93730

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.8	8.2	12.2

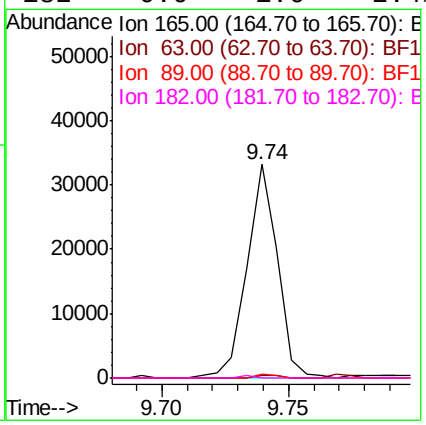


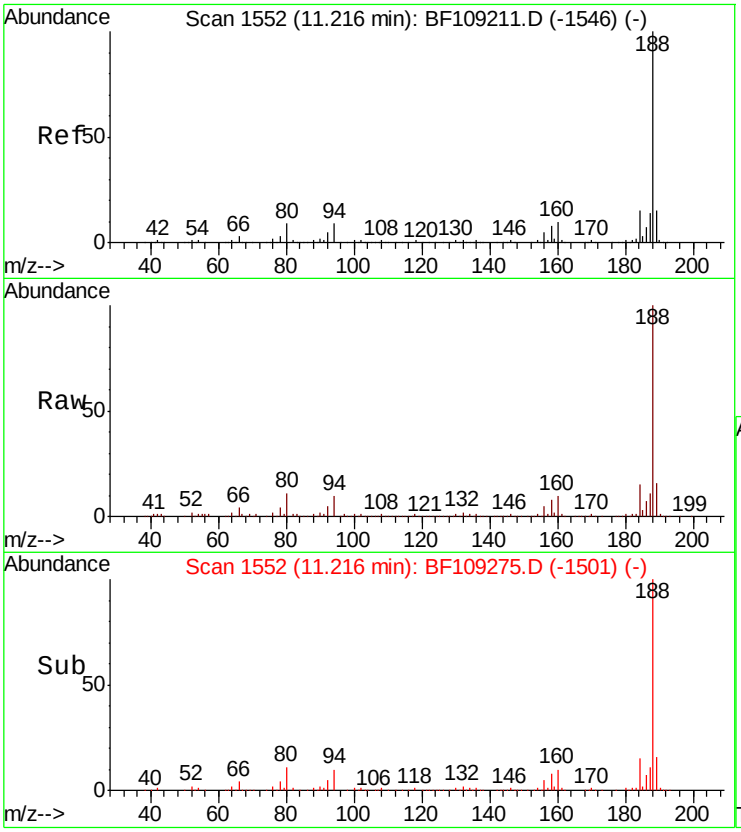


#56
2,4-Dinitrotoluene
Concen: 7.394 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion:165 Resp: 27765

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



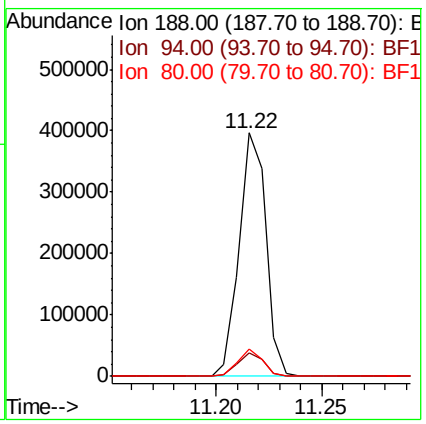


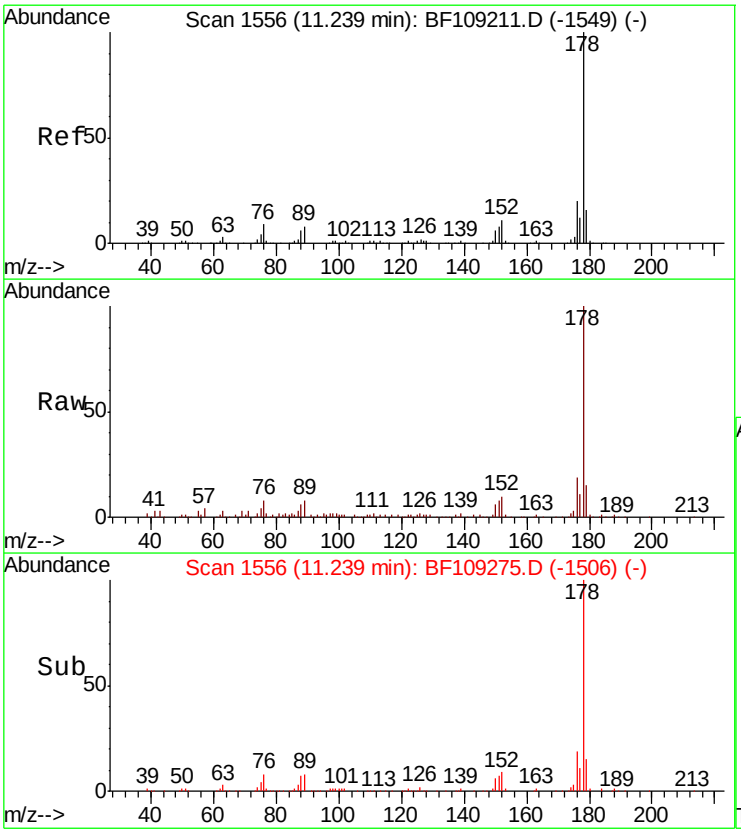
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion:188 Resp: 349302

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.1	9.2	13.8

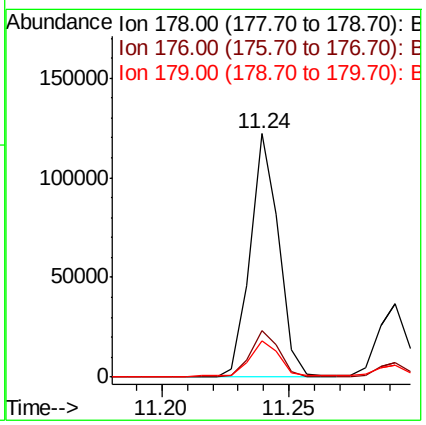


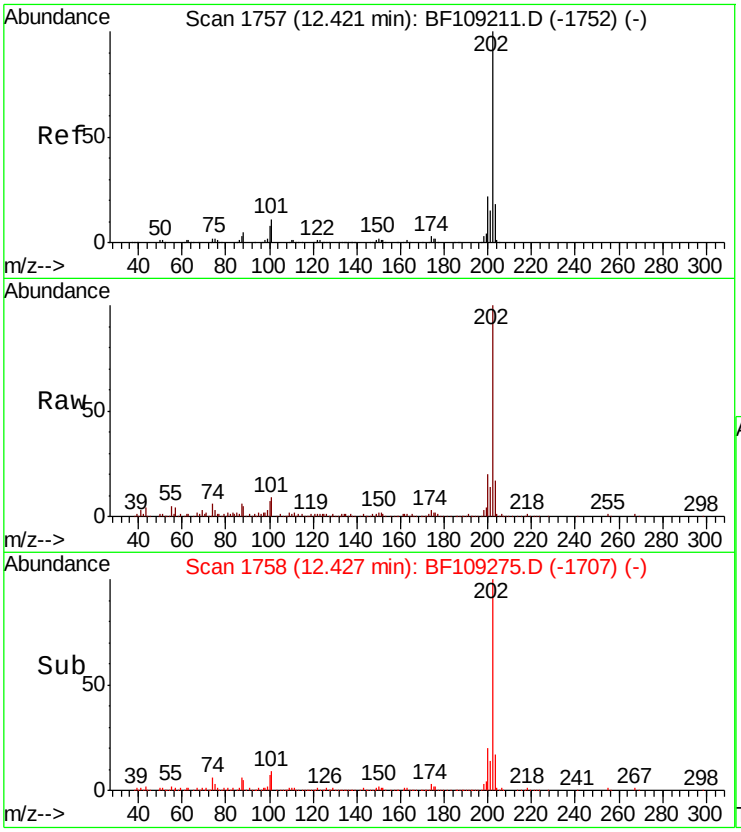


#70
Phenanthrene
Concen: 5.491 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion:178 Resp: 95767

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.9	13.0	19.6



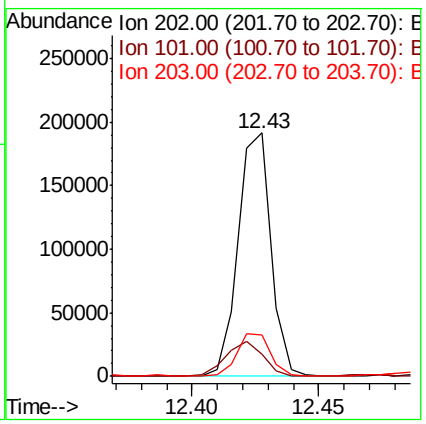


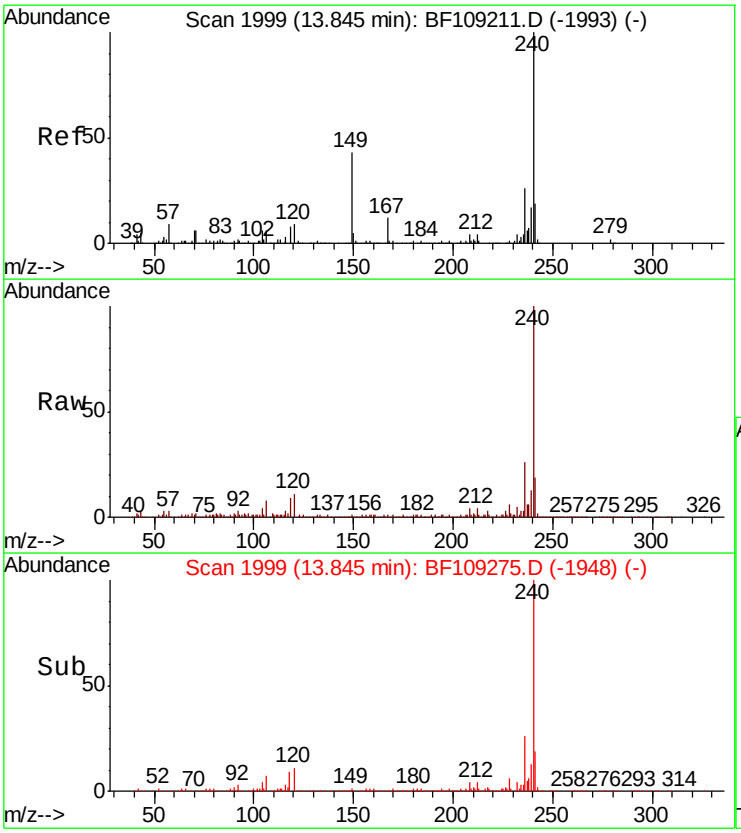
#74
Fluoranthene
Concen: 9.148 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion:202 Resp: 170494

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.1
203	16.9	0.0	38.1

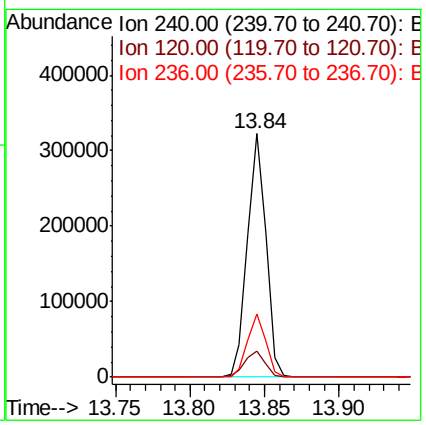


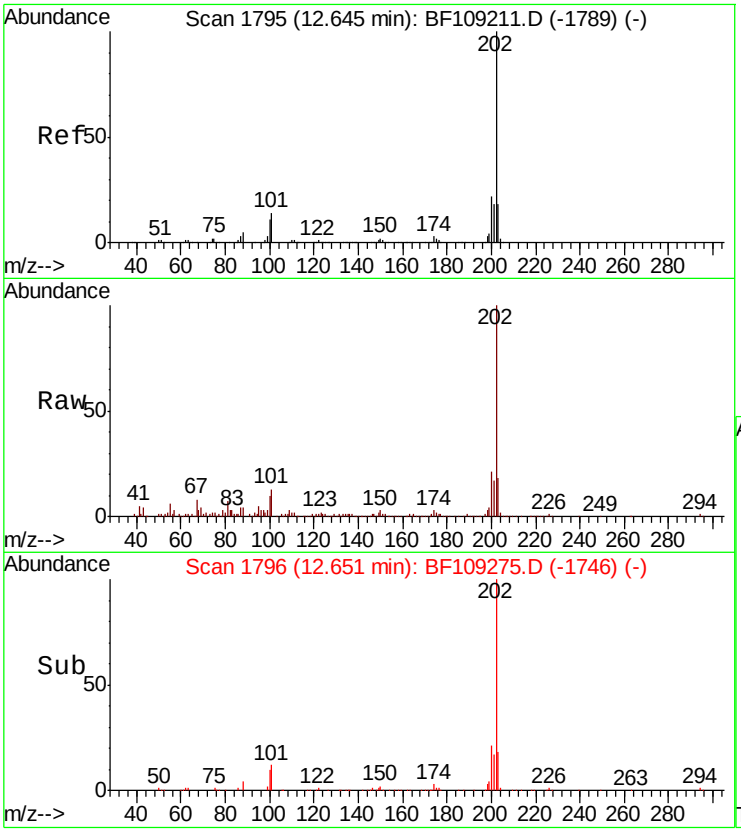


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion:240 Resp: 275334

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.9	20.7	31.1



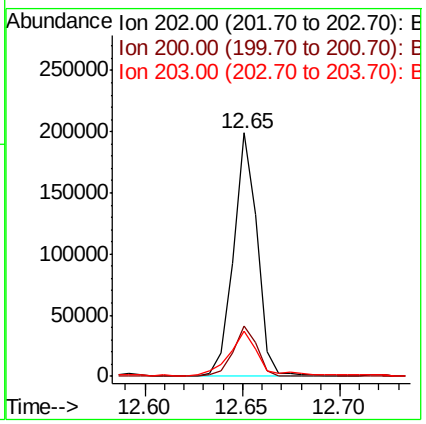


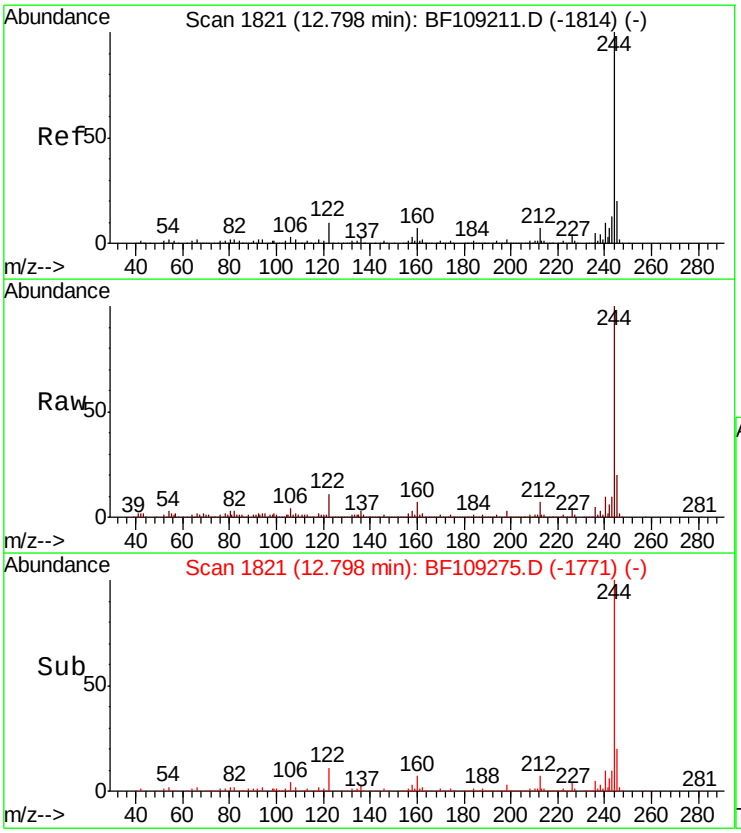
#77
Pyrene
Concen: 8.419 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion:202 Resp: 166124

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.4	14.3	21.5

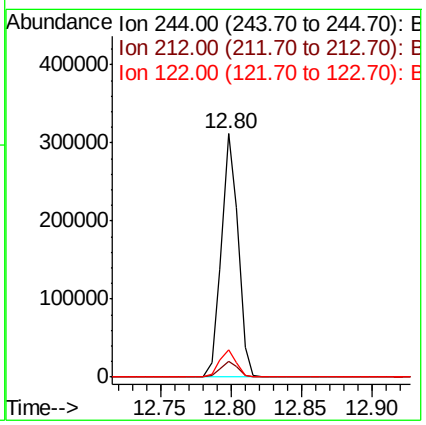


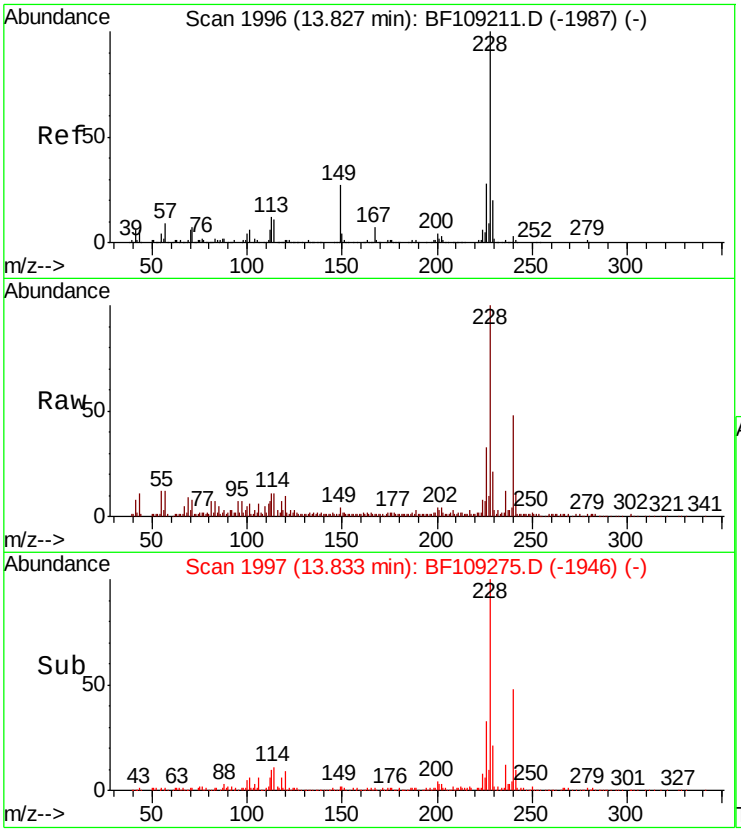


#78
Terphenyl-d14
Concen: 23.046 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion:244 Resp: 258556

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.2	11.0	16.4



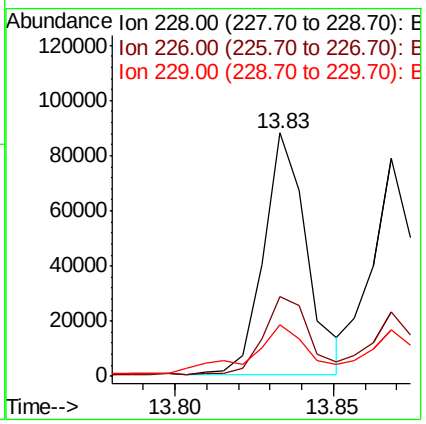


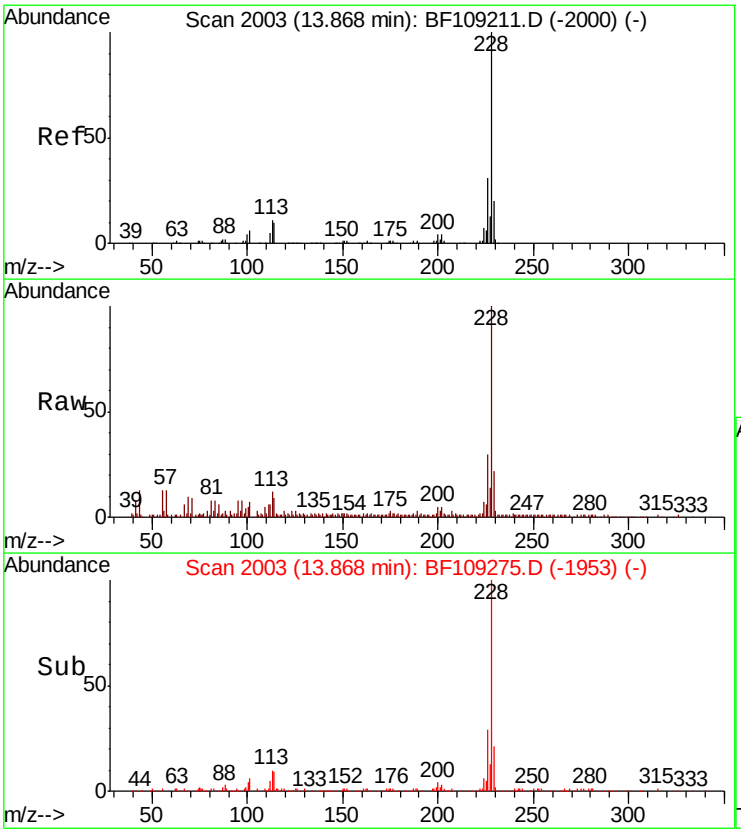
#80
Benzo(a)anthracene
Concen: 5.001 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion:228 Resp: 82930

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.6	33.8
229	21.2	15.8	23.6

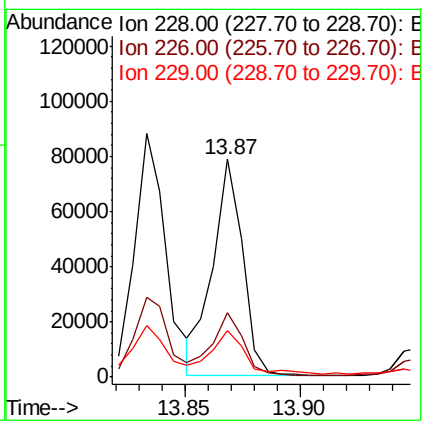


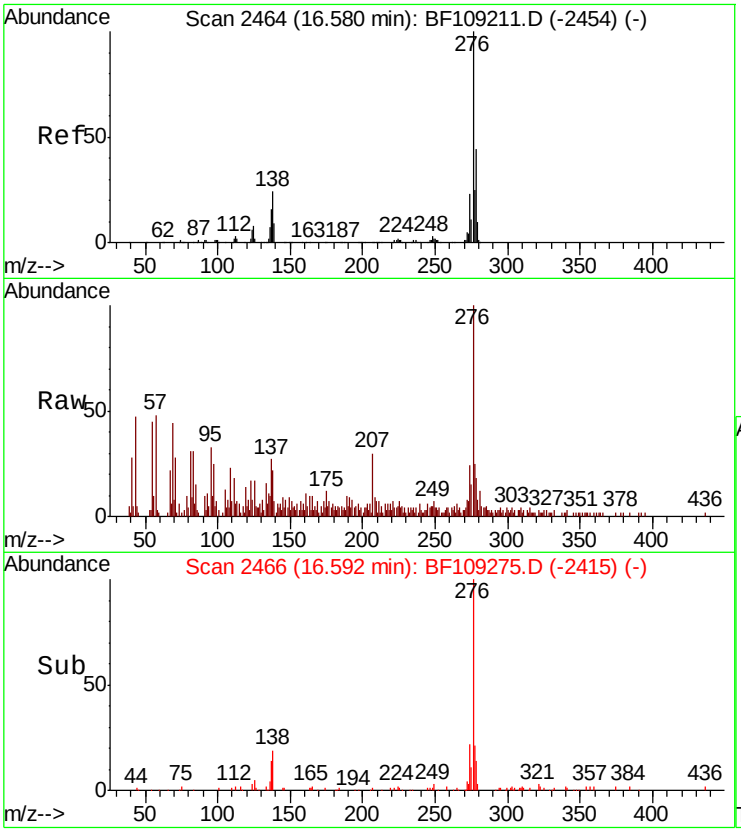


#82
Chrysene
Concen: 4.303 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion:228 Resp: 70724

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.6	16.2	24.4



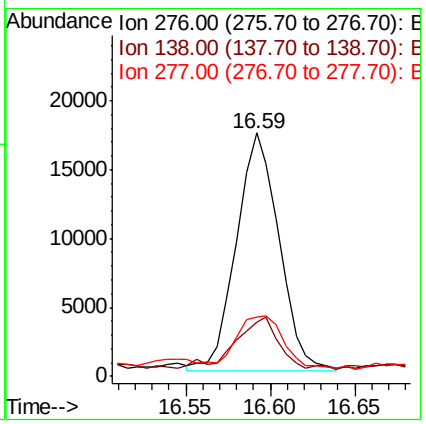


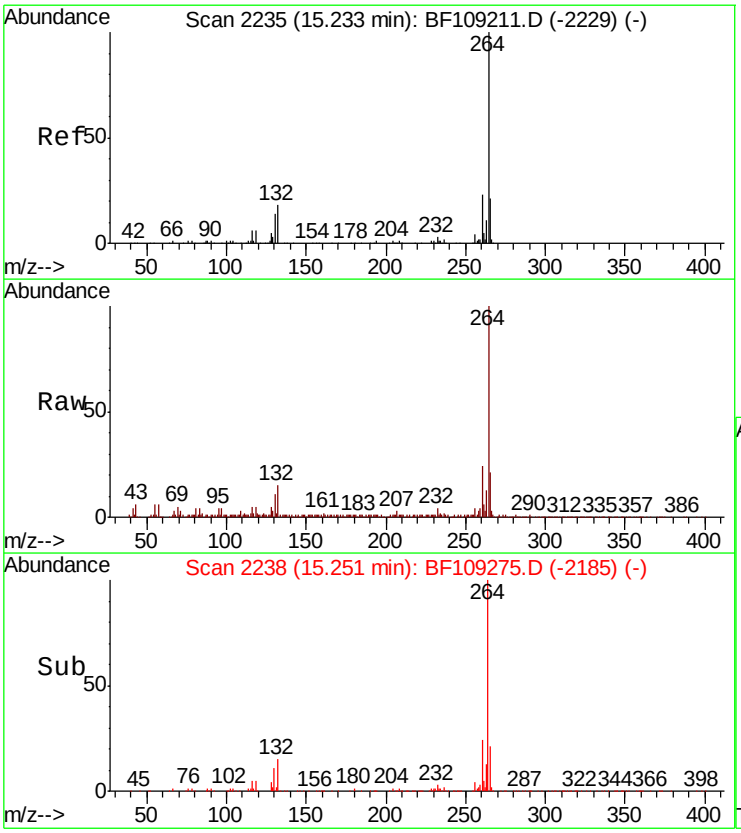
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.271 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion:276 Resp: 30256

Ion	Ratio	Lower	Upper
276	100		
138	22.4	25.0	37.6#
277	25.5	20.1	30.1

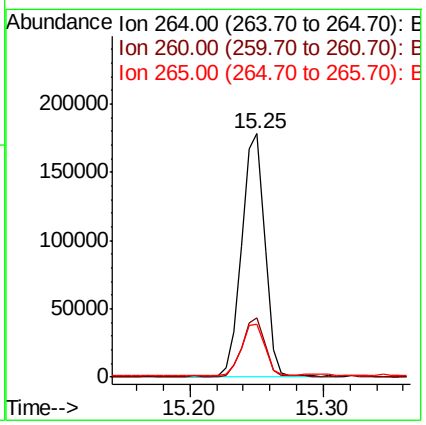


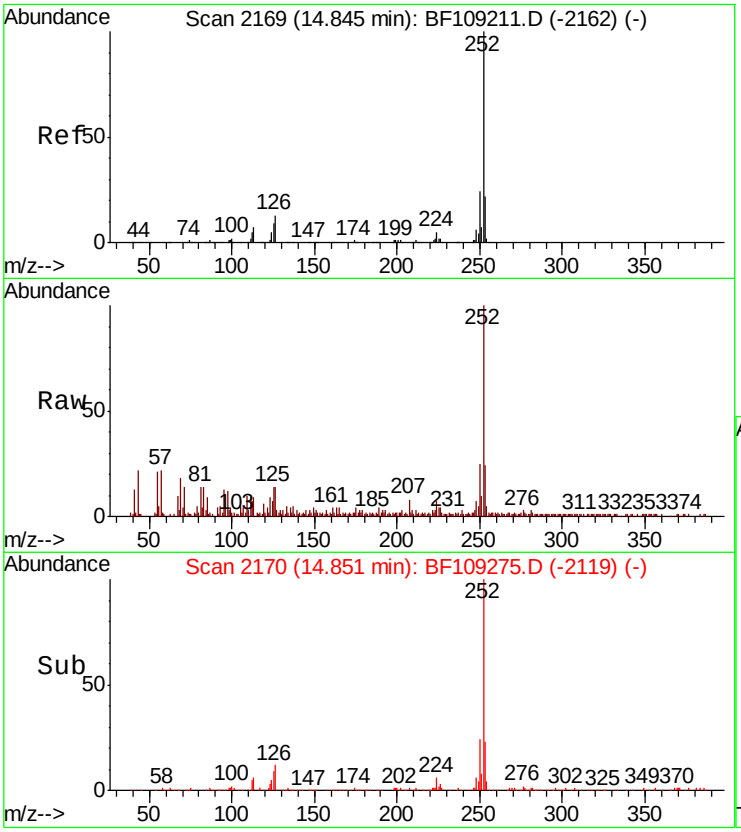


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion:264 Resp: 210942

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.5	26.3



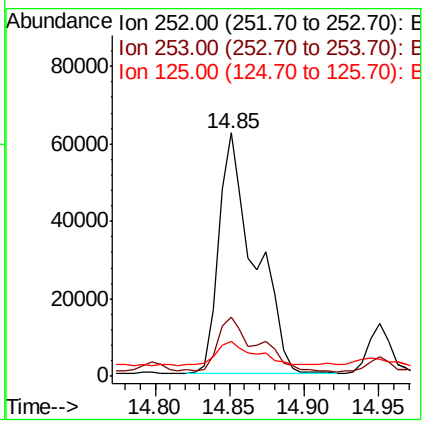


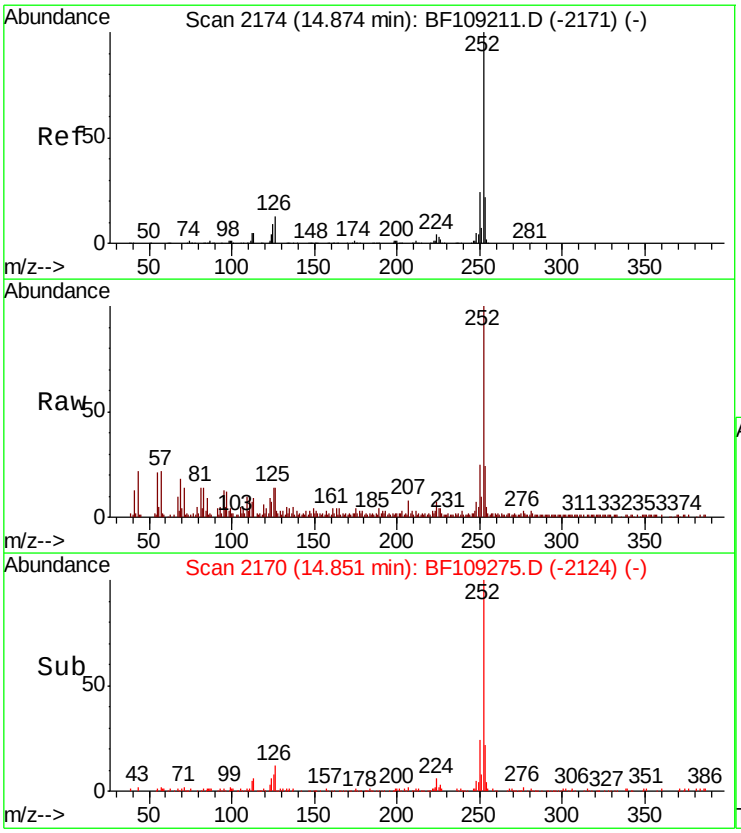
#87
Benzo(b)fluoranthene
Concen: 8.988 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion:252 Resp: 104175

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	14.3	9.0	13.6#

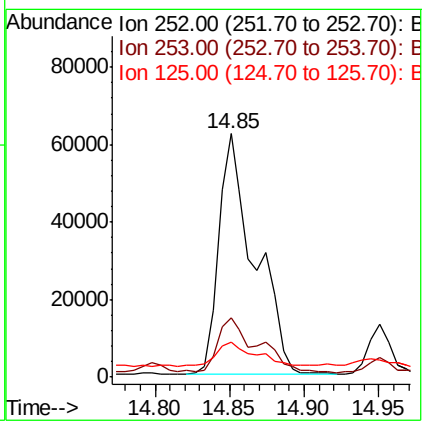


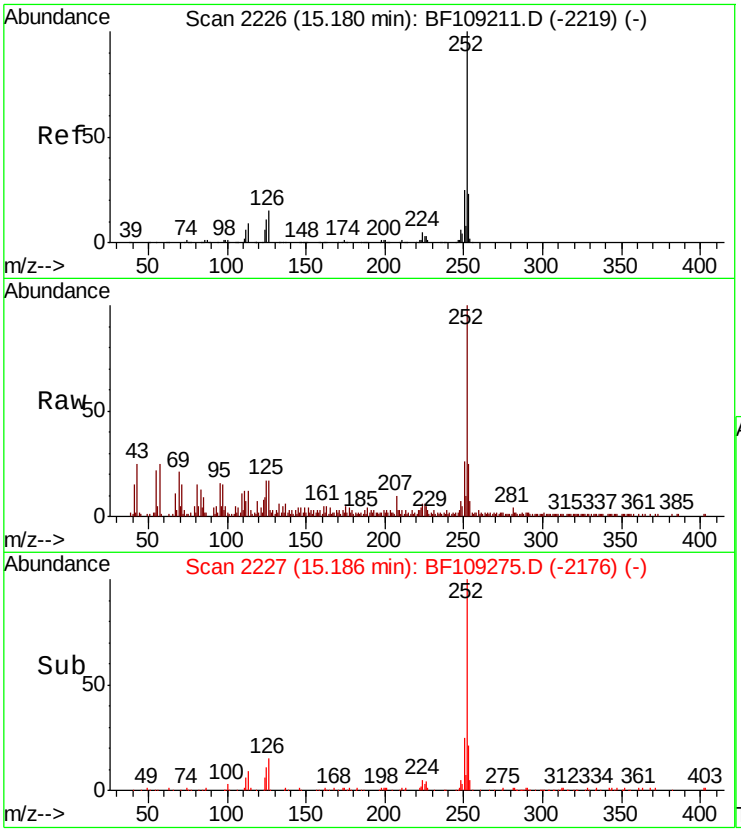


#88
Benzo(k)fluoranthene
Concen: 9.471 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion:252 Resp: 104175

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	14.3	10.2	15.2



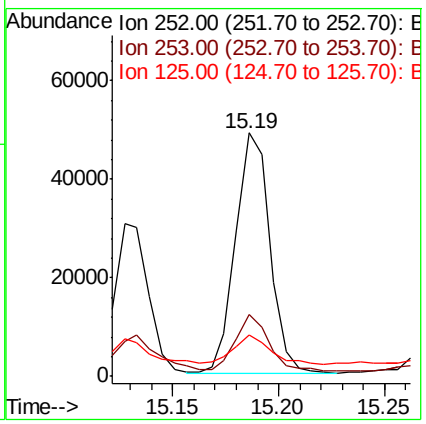


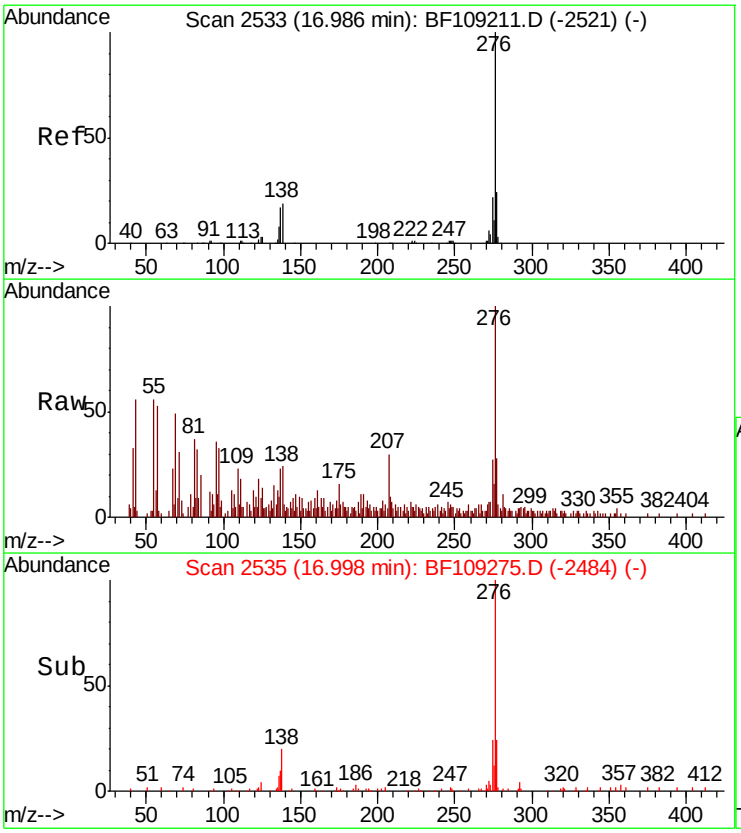
#89
Benzo(a)pyrene
Concen: 5.245 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

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

Tgt Ion:252 Resp: 54783

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	17.1	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.176 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BF109275.D
Acq: 24 Sep 2018 18:37

Tgt Ion:276 Resp: 26746

Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	23.5	21.8	32.8