Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
Data File : BF112516.D
Acq On : 12 Feb 2019 19:30
Operator : JU/SJ
Sample : K1343-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-D

Quant Time: Feb 13 03:39:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	120153	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	461987	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	204004	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	330409	20.00	ng		0.00
76) Chrysene-d12	14.01	240	278214	20.00	ng		0.00
87) Perylene-d12	15.49	264	232570	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	385007	68.06	ng		-0.01
7) Phenol-d6	6.48	99	479828	61.04	ng		-0.01
23) Nitrobenzene-d5	7.40	82	298336	37.21	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	113759	47.91	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	563058	39.04	ng		-0.01
79) Terphenyl-d14	12.94	244	463895	31.40	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	10264	2.498	ng		81
10) Phenol	6.50	94	24938	2.892	ng		94
19) n-Nitroso-di-n-propylamine	7.40	70	36517	6.737	ng	#	76
25) Isophorone	7.40	82	295422	23.487	ng	#	64
50) Dimethylphthalate	9.59	163	64940	4.097	ng		97
71) Phenanthrene	11.39	178	191891	11.171	ng		97
72) Anthracene	11.44	178	60905	3.559	ng		97
75) Fluoranthene	12.58	202	261133	14.174	ng		97
78) Pyrene	12.81	202	219334	11.387	ng		98
81) Benzo(a)anthracene	14.00	228	120149	7.346	ng		99
83) Chrysene	14.03	228	108776	6.968	ng		97
86) Indeno(1,2,3-cd)pyrene	16.99	276	29792	2.408	ng		98
88) Benzo(b)fluoranthene	15.06	252	138307	9.944	ng	#	86
89) Benzo(k)fluoranthene	15.06	252	138307	10.381	ng	#	87
90) Benzo(a)pyrene	15.43	252	70086	5.600	ng	#	91
92) Benzo(g,h,i)perylene	17.45	276	29875	3.139	ng	#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
Data File : BF112516.D
Acq On : 12 Feb 2019 19:30
Operator : JU/SJ
Sample : K1343-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Quant Time: Feb 13 03:39:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
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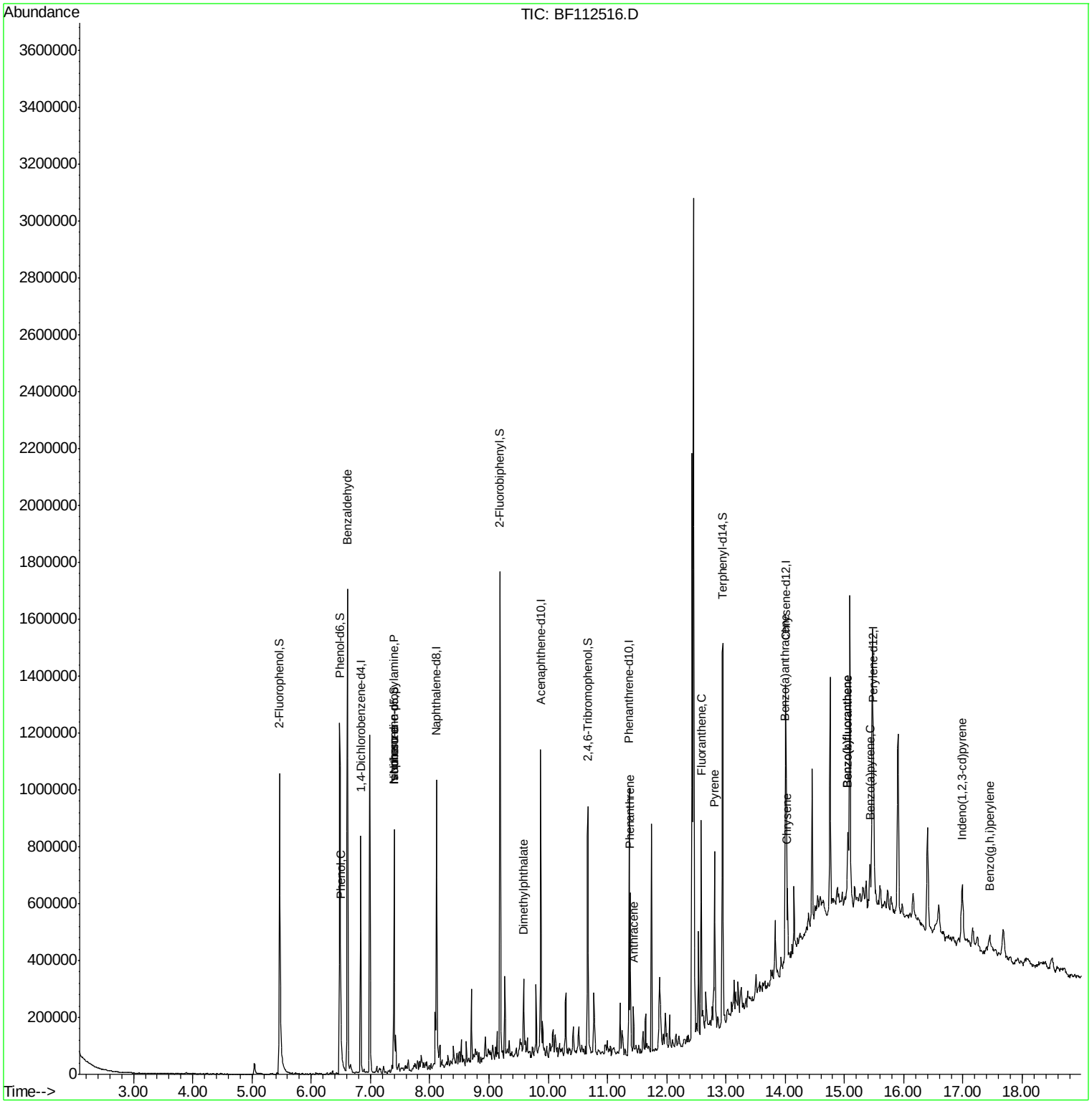
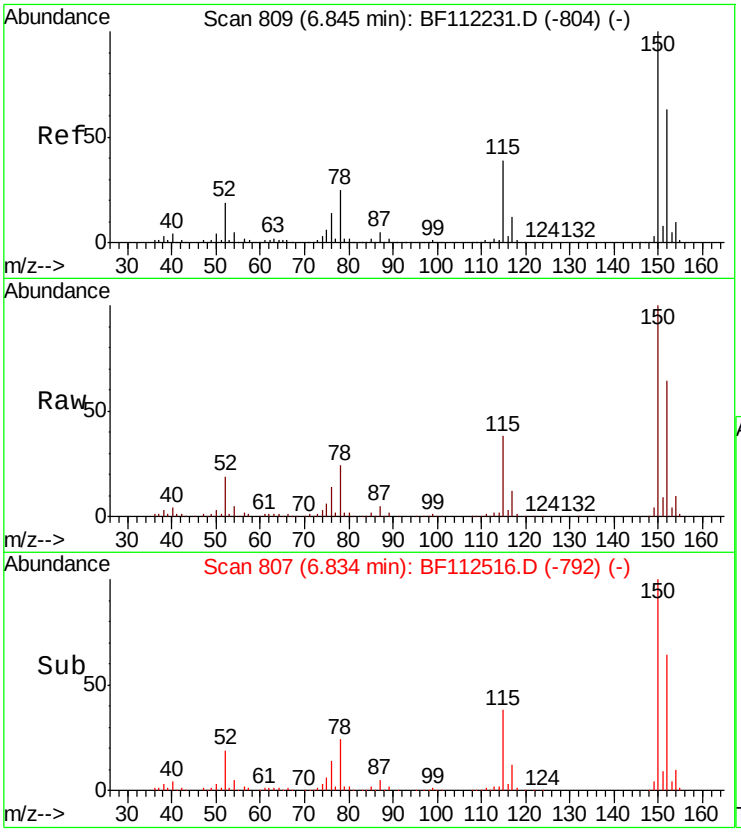


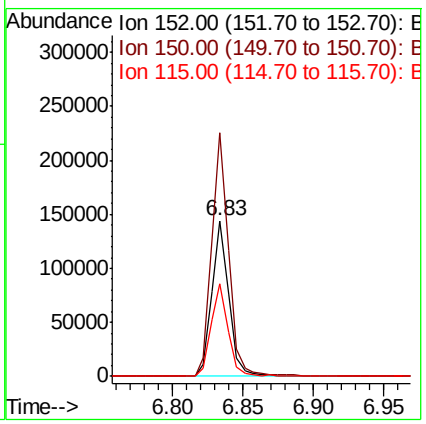


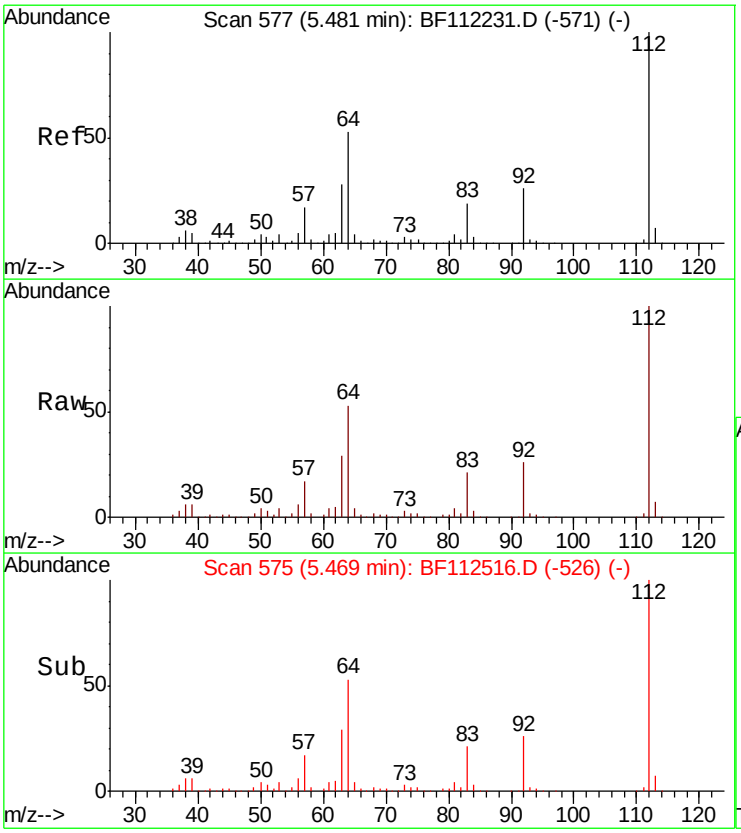
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion:152 Resp: 120153

Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.4	191.0
115	59.8	45.5	68.3

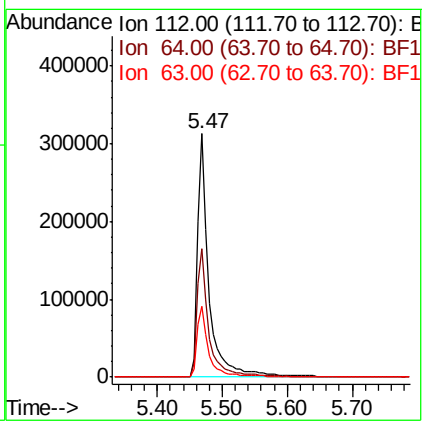


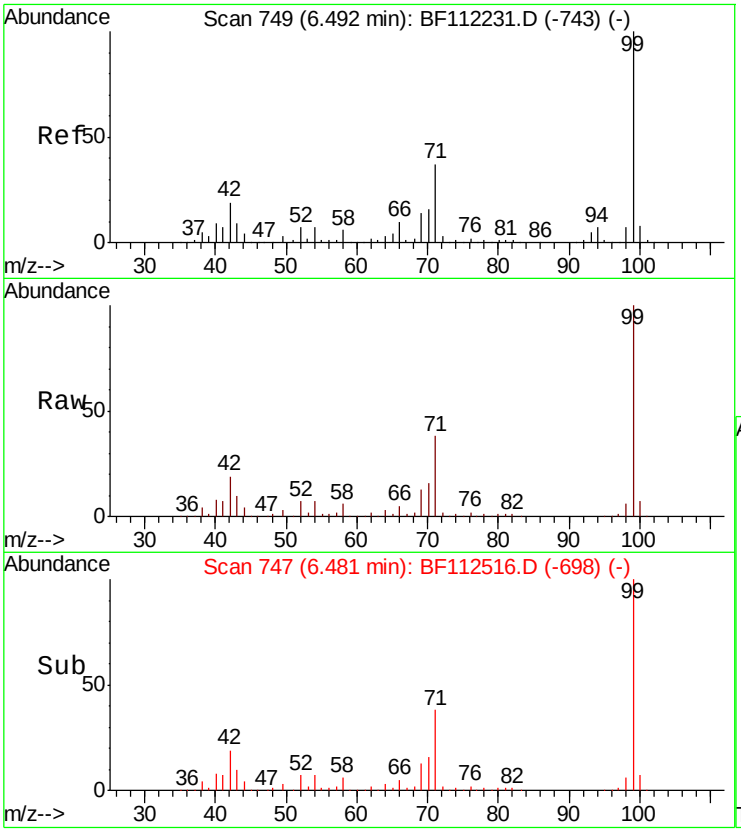


#5
2-Fluorophenol
Concen: 68.062 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion:112 Resp: 385007

Ion	Ratio	Lower	Upper
112	100		
64	52.8	45.7	68.5
63	29.1	23.6	35.4



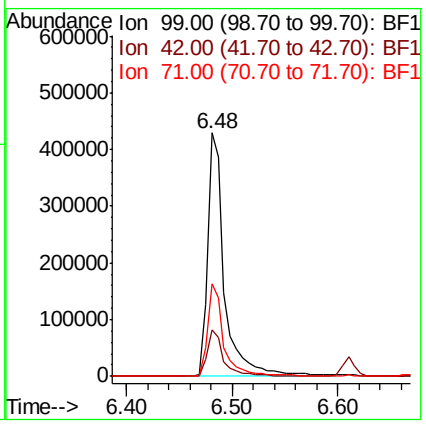


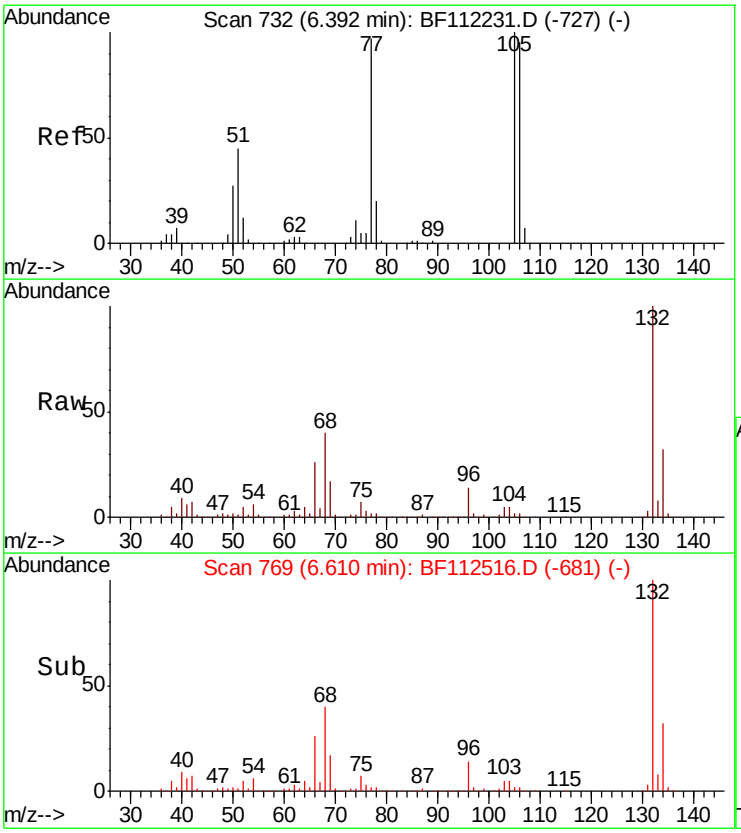
#7
Phenol-d6
Concen: 61.044 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion: 99 Resp: 479828

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	38.0	26.9	40.3

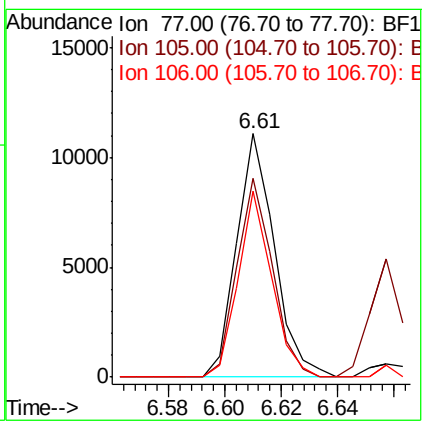


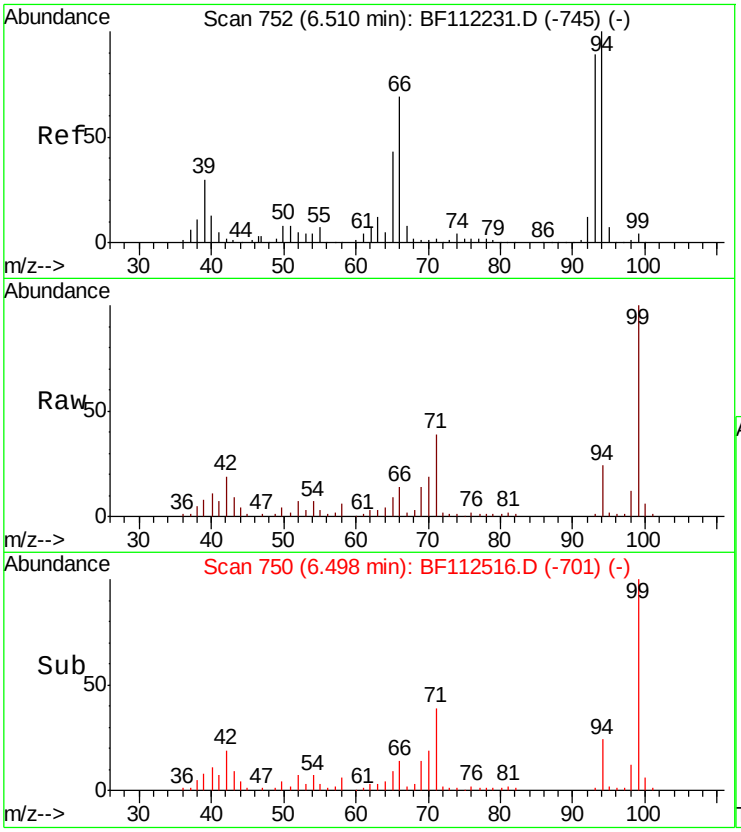


#9
Benzaldehyde
Concen: 2.498 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.22 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion: 77 Resp: 10264

Ion	Ratio	Lower	Upper
77	100		
105	81.8	80.8	120.8
106	76.3	75.7	115.7



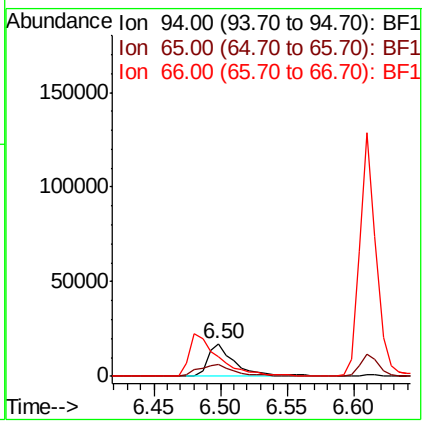


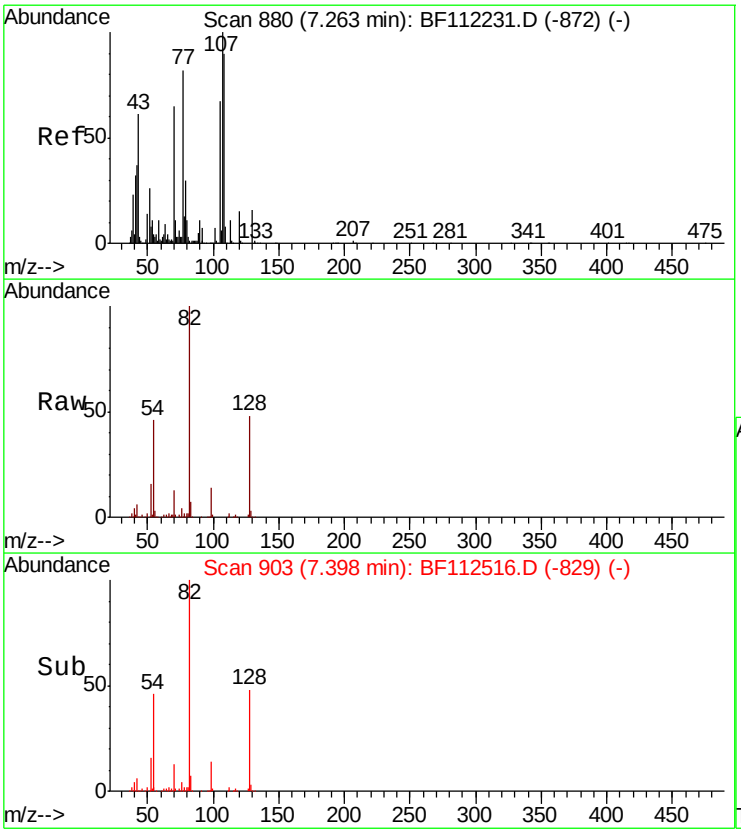
#10
Phenol
Concen: 2.892 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion: 94 Resp: 24938

Ion	Ratio	Lower	Upper
94	100		
65	36.7	20.3	60.3
66	57.8	42.4	82.4

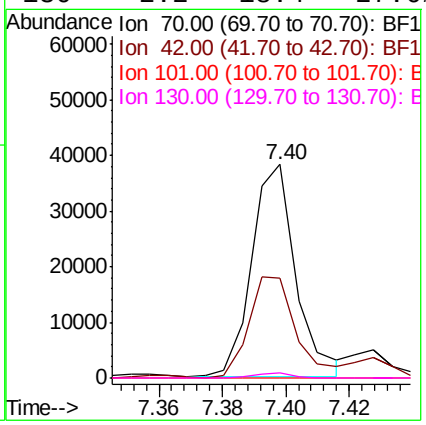


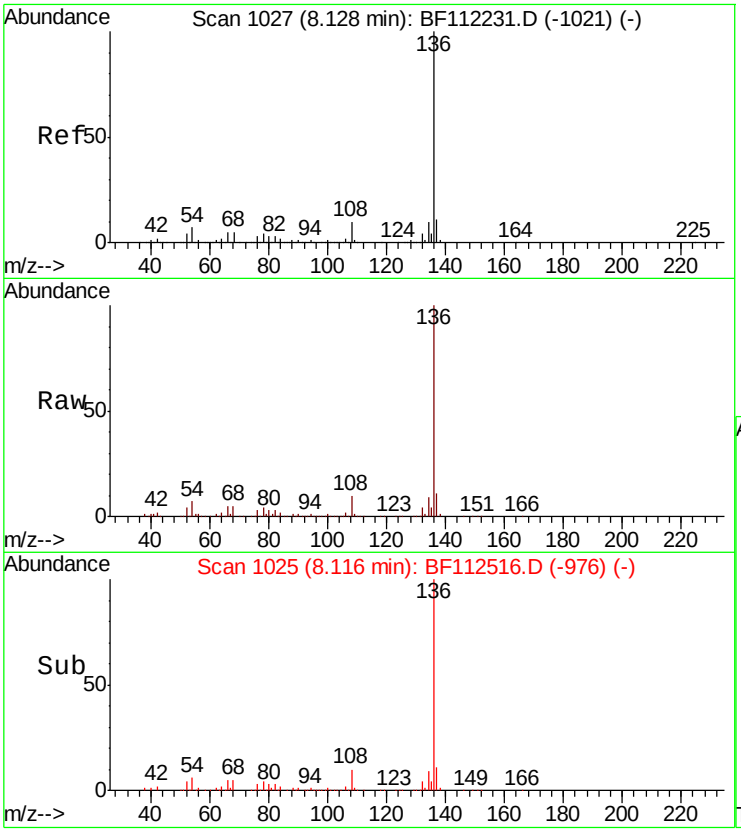


#19
n-Nitroso-di-n-propylamine
Concen: 6.737 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion: 70 Resp: 36517

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.6	71.4#
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#



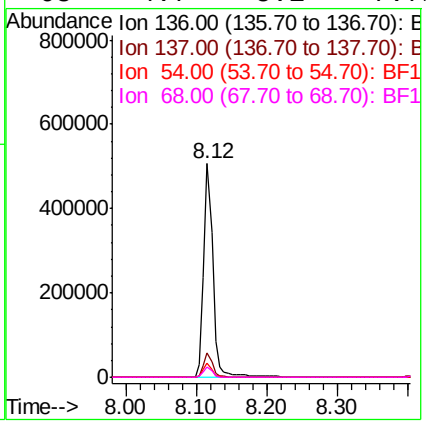


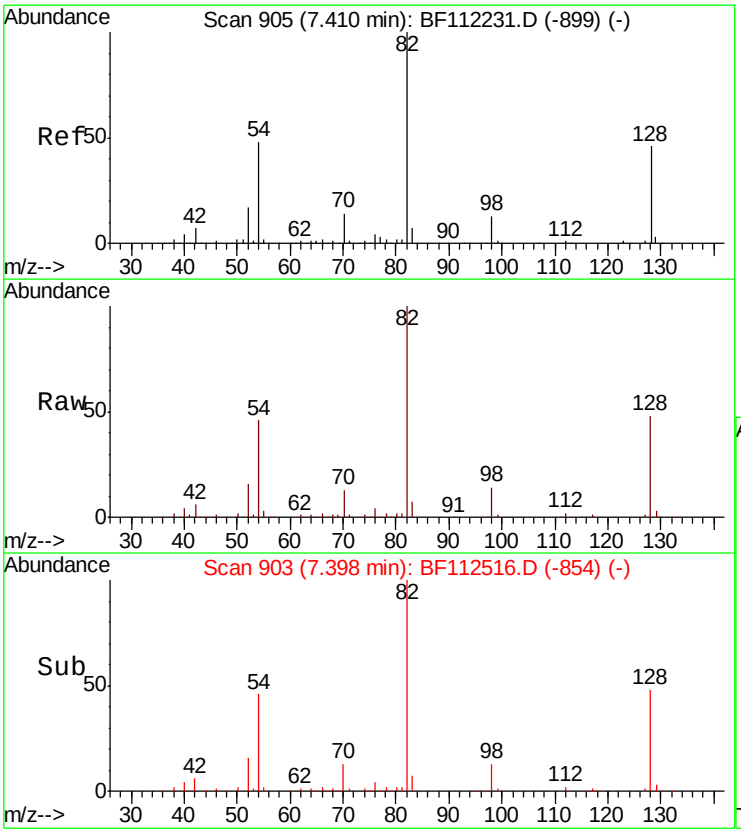
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion:136 Resp: 461987

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.5	5.9	8.9
68	4.7	5.1	7.7#

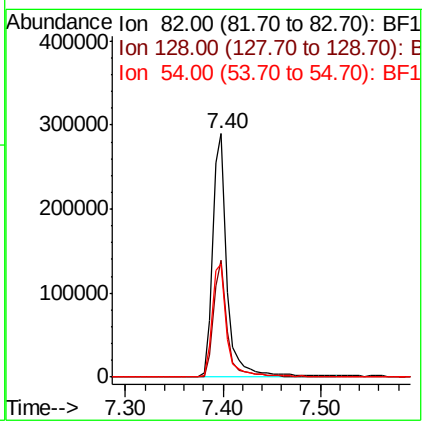


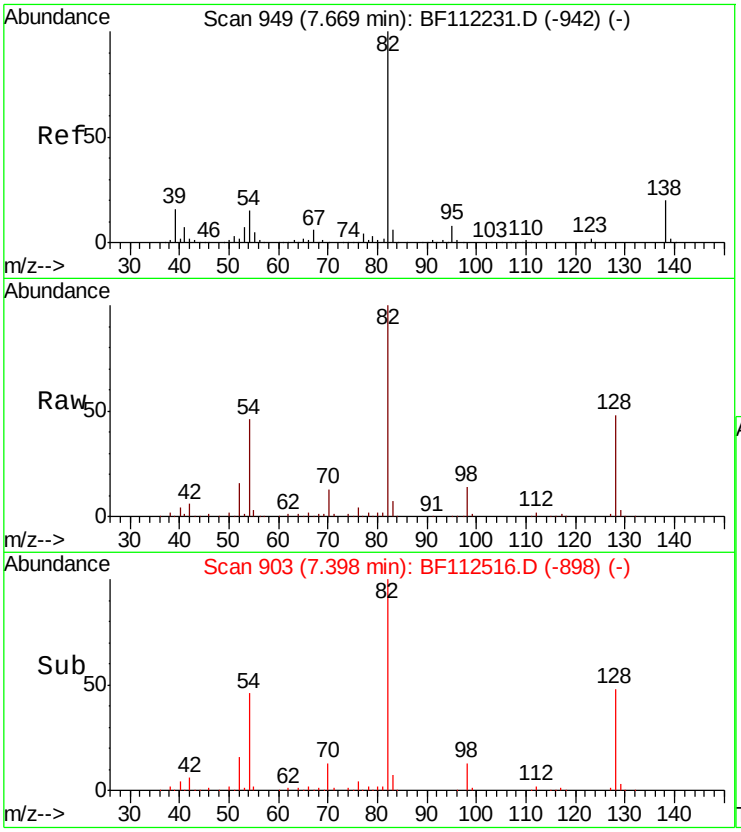


#23
Nitrobenzene-d5
Concen: 37.209 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion: 82 Resp: 298336

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.8	56.8
54	46.4	39.7	59.5



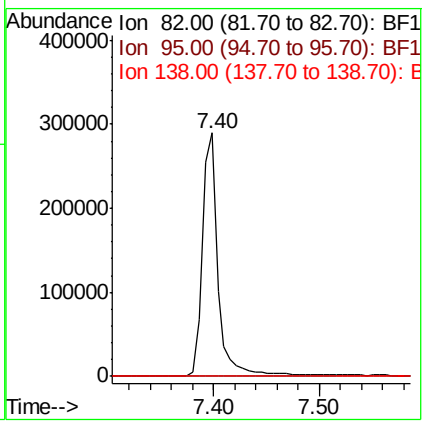


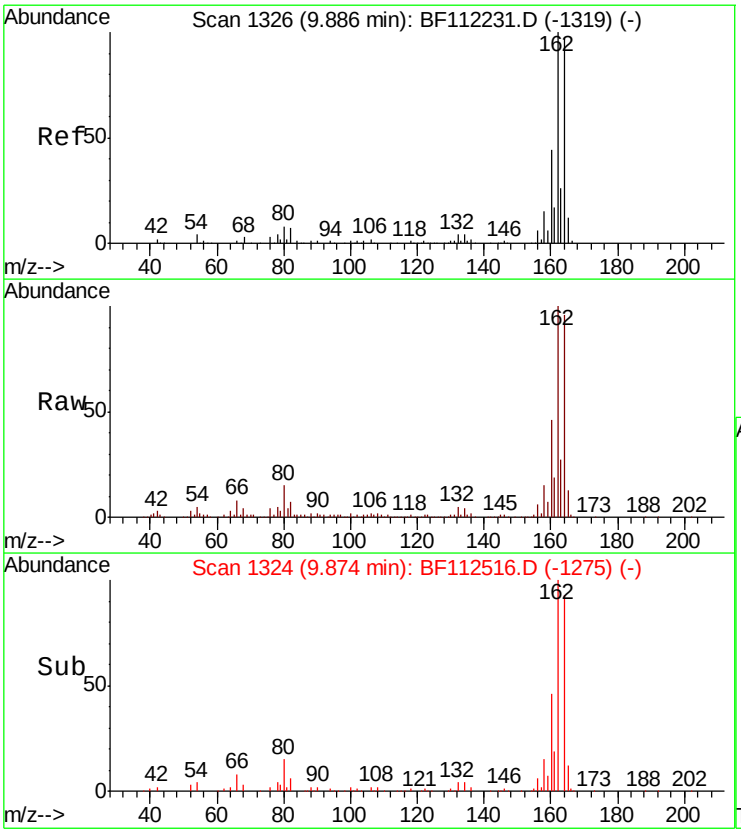
#25
Isophorone
Concen: 23.487 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion: 82 Resp: 295422

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.7	8.5#
138	0.0	15.4	23.0#

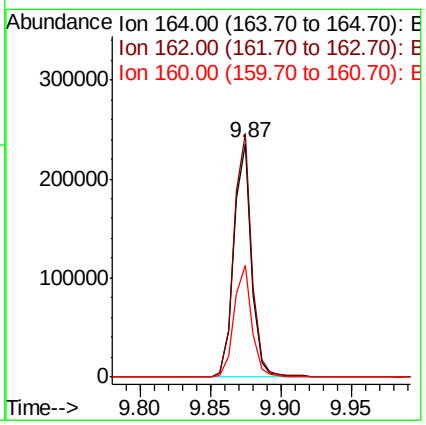


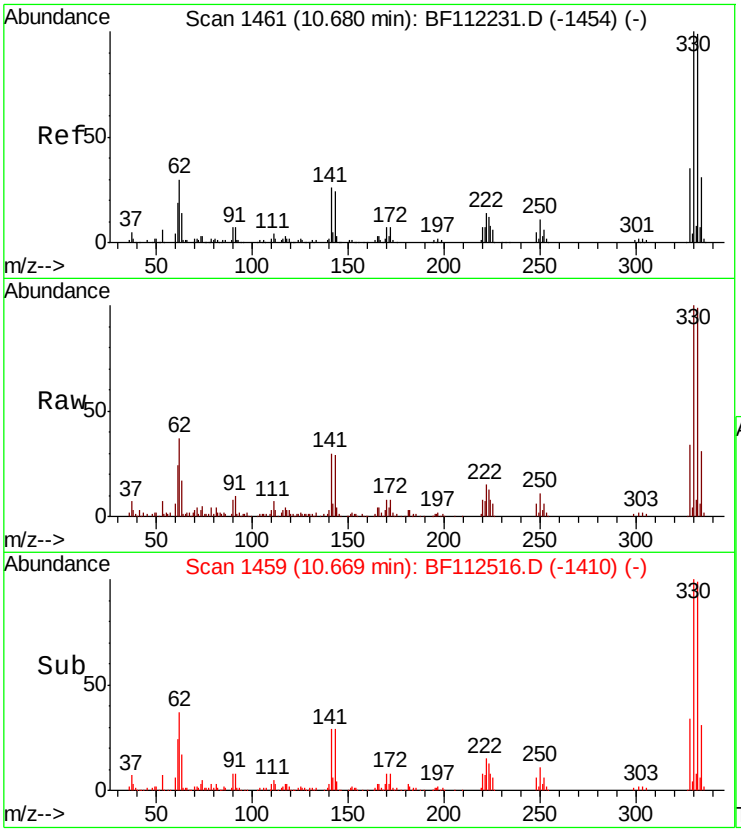


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion:164 Resp: 204004

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.4
160	47.9	36.2	54.4



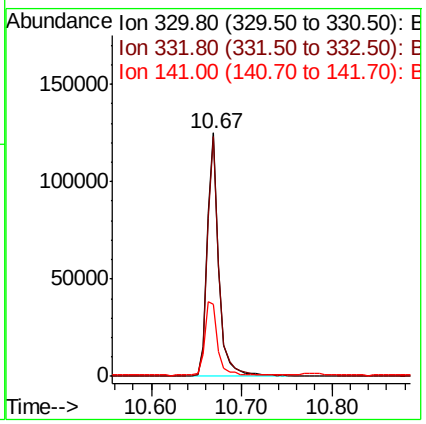


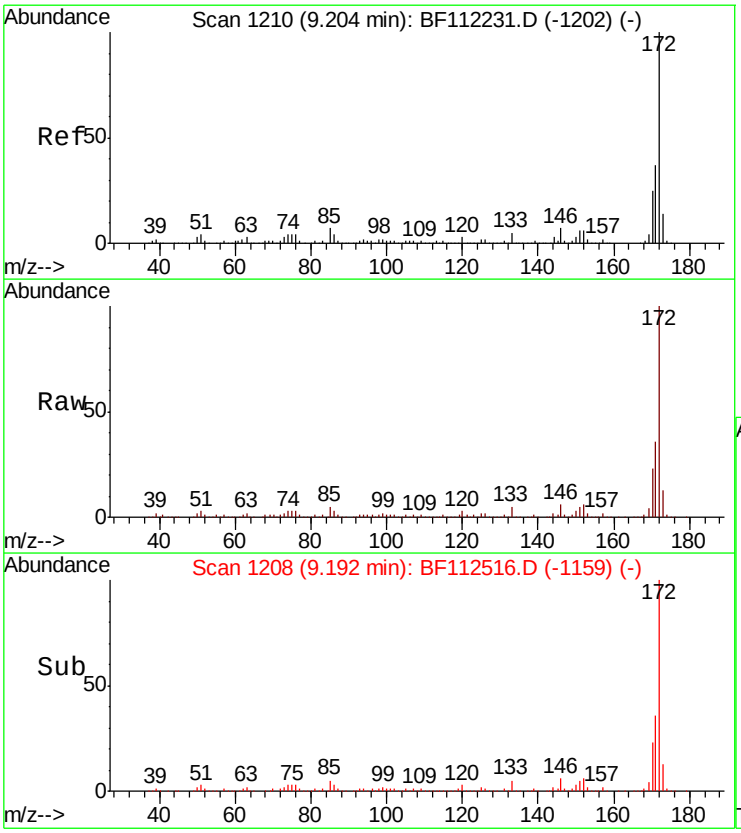
#42
2,4,6-Tribromophenol
Concen: 47.908 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion:330 Resp: 113759

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	33.9	24.3	36.5

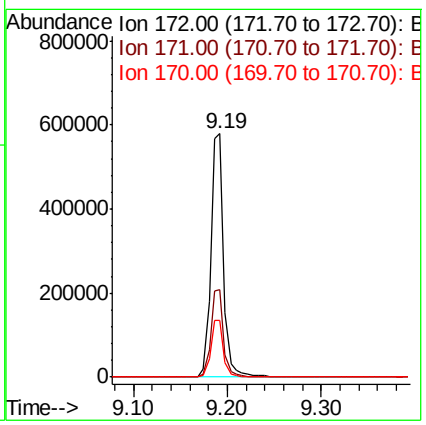


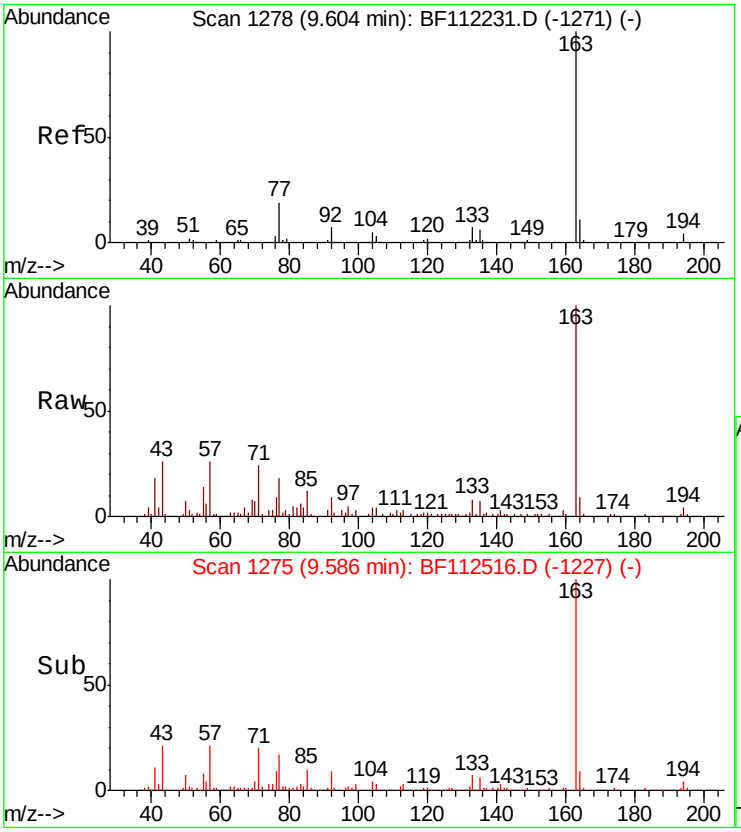


#45
2-Fluorobiphenyl
Concen: 39.036 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion:172 Resp: 563058

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.2	20.2	30.4



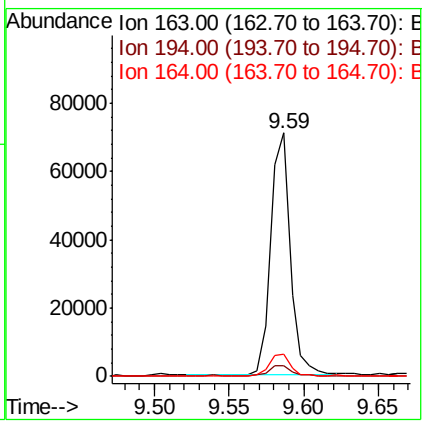


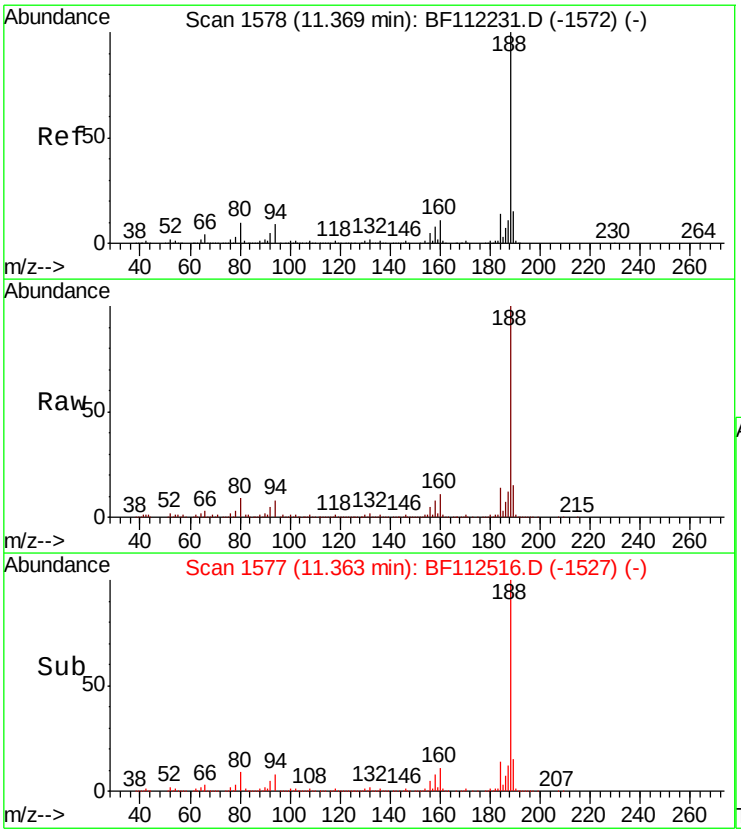
#50
Dimethylphthalate
Concen: 4.097 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion:163 Resp: 64940

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	9.0	8.5	12.7

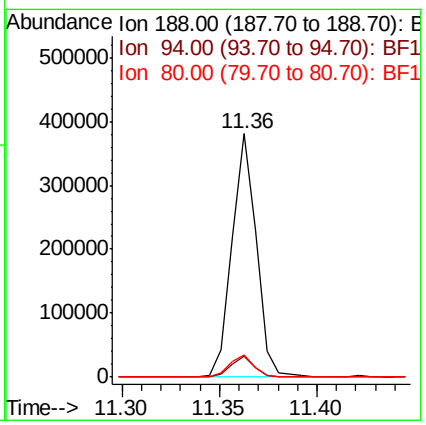


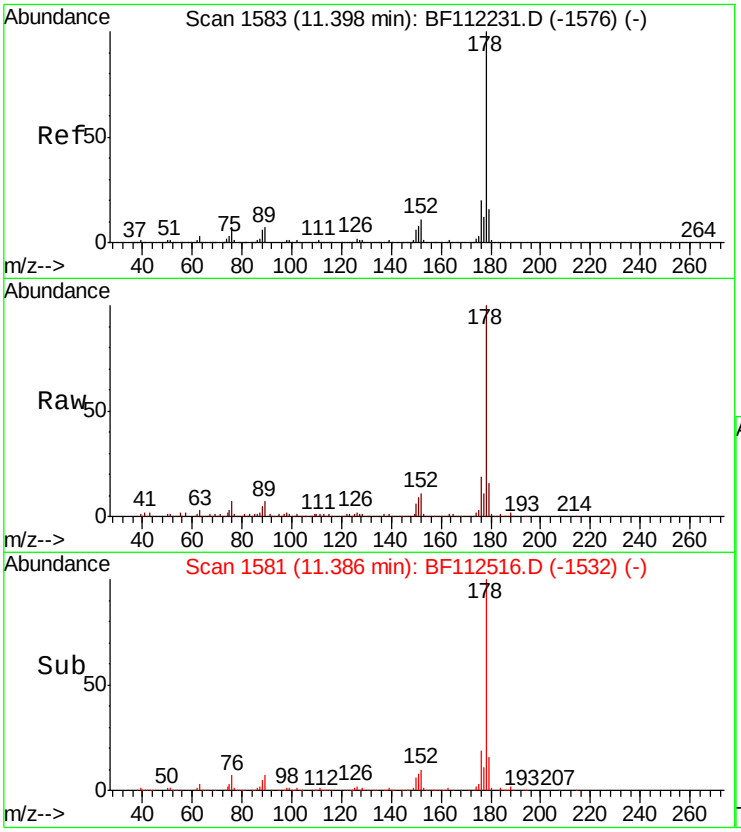


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion:188 Resp: 330409

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.1	8.9	13.3



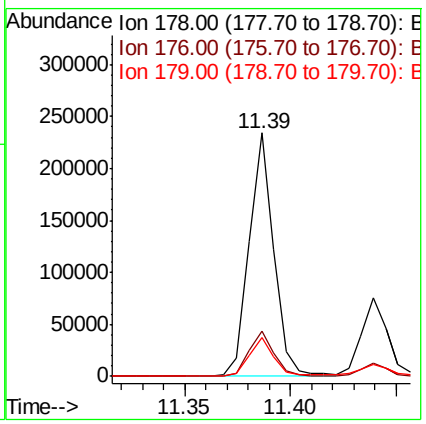


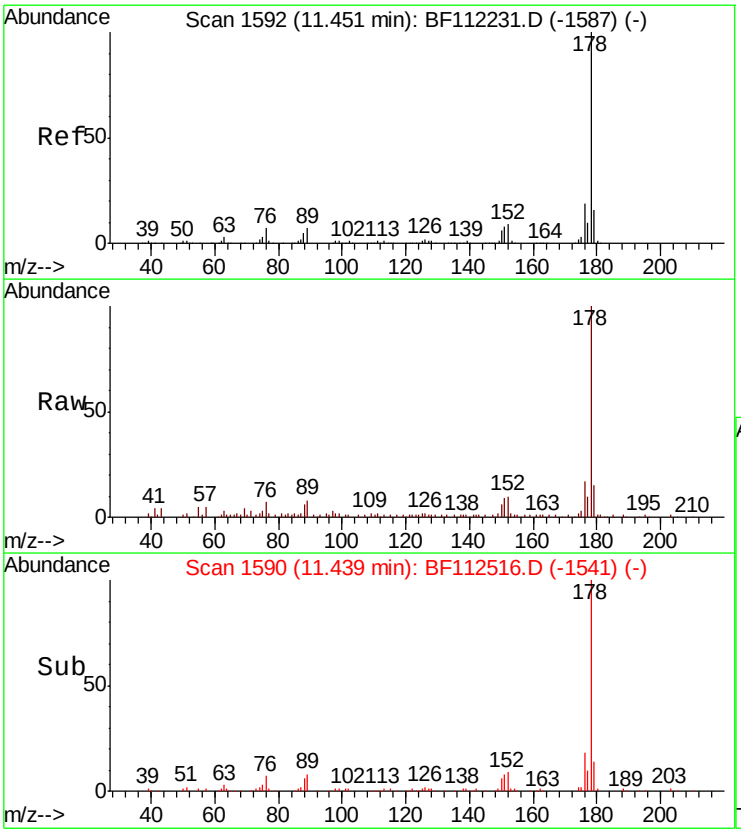
#71
Phenanthrene
Concen: 11.171 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion:178 Resp: 191891

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.3	24.5
179	15.8	13.0	19.4

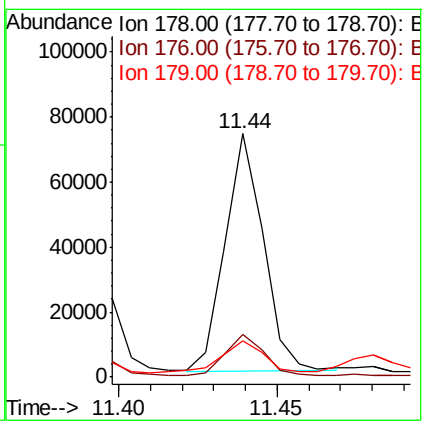


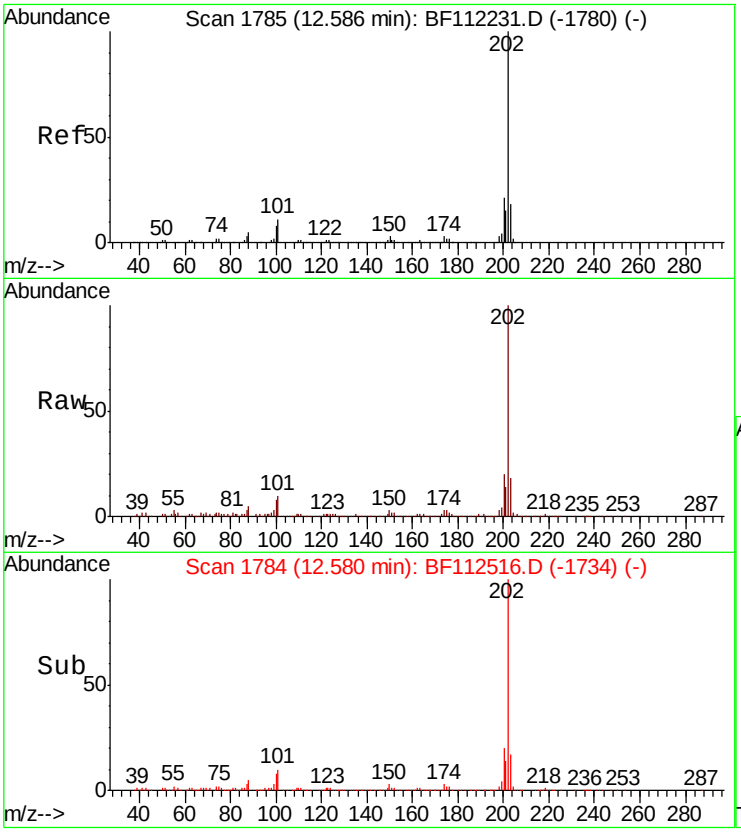


#72
Anthracene
Concen: 3.559 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion:178 Resp: 60905

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.5	23.3
179	15.0	12.8	19.2



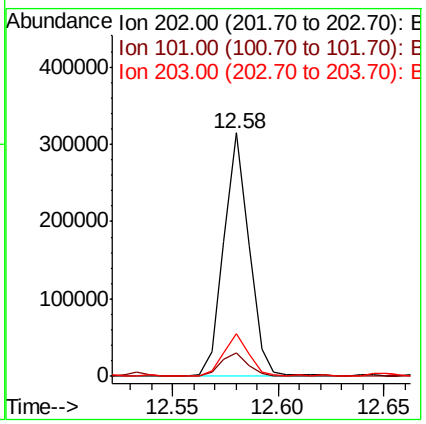


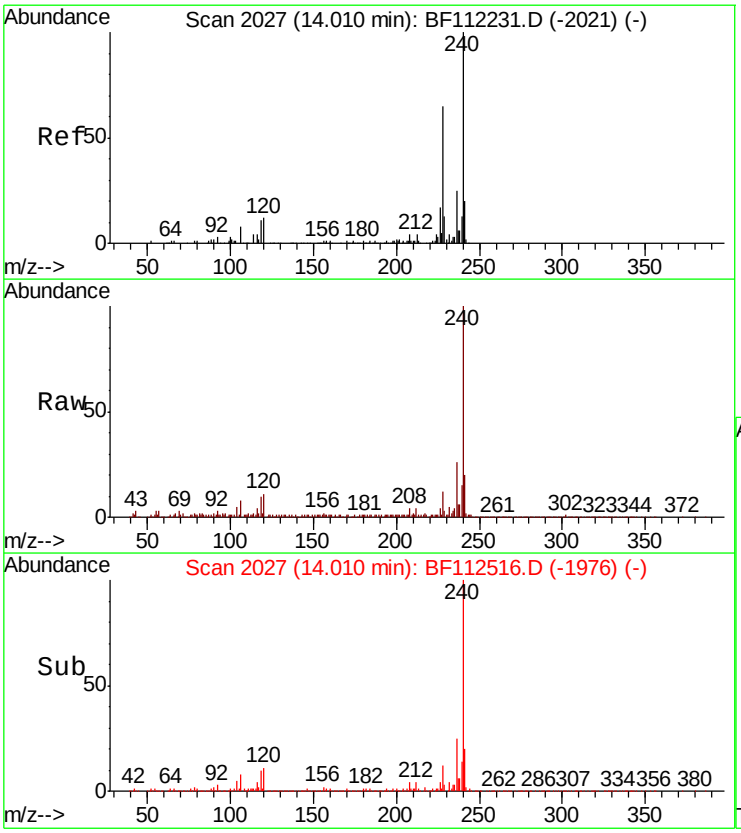
#75
Fluoranthene
Concen: 14.174 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion:202 Resp: 261133

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.8
203	17.6	0.0	38.4

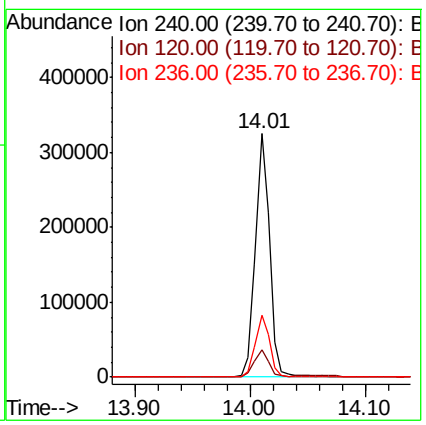


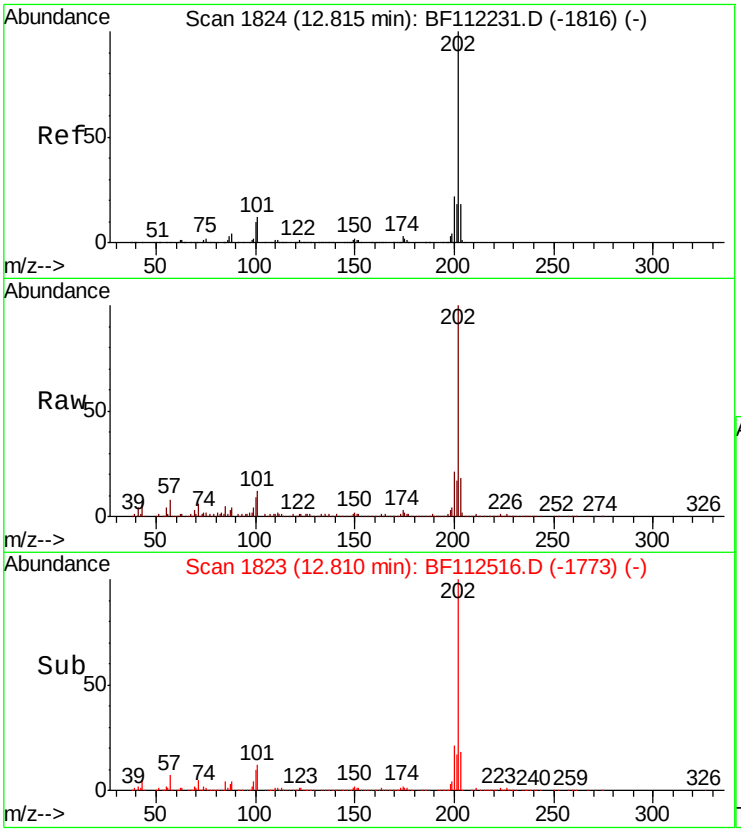


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion:240 Resp: 278214

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.6
236	25.5	20.7	31.1



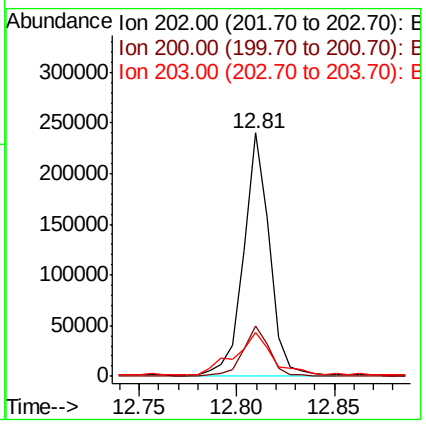


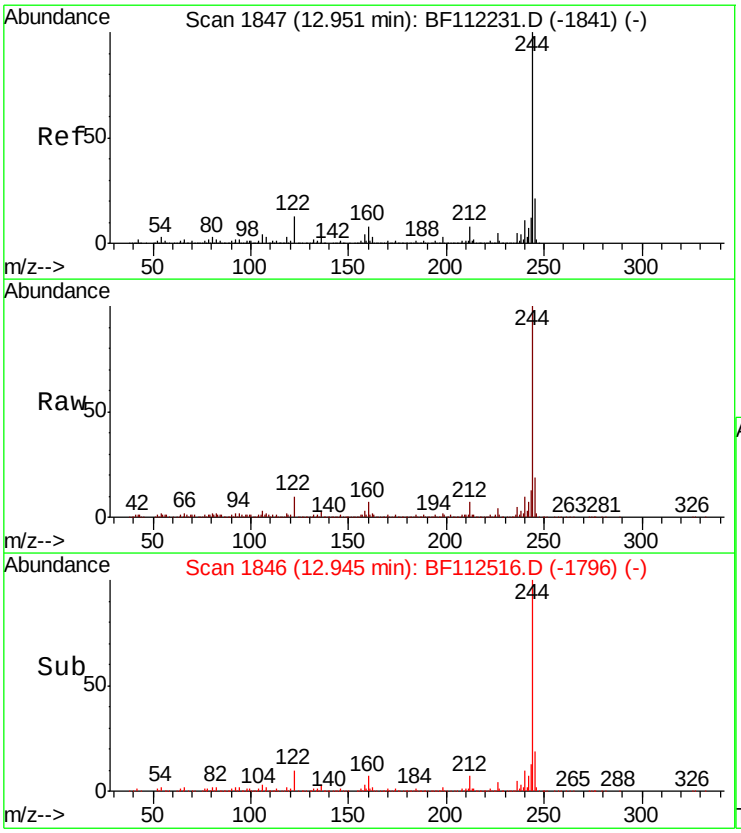
#78
Pyrene
Concen: 11.387 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion:202 Resp: 219334

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.7	26.5
203	18.1	14.6	22.0

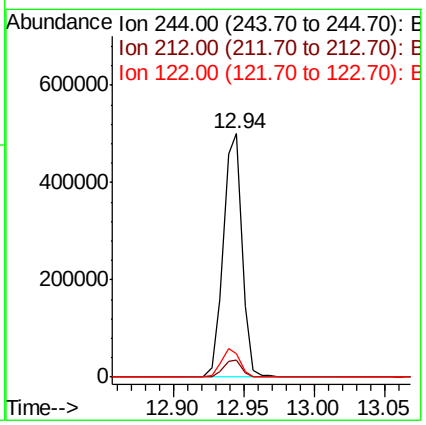


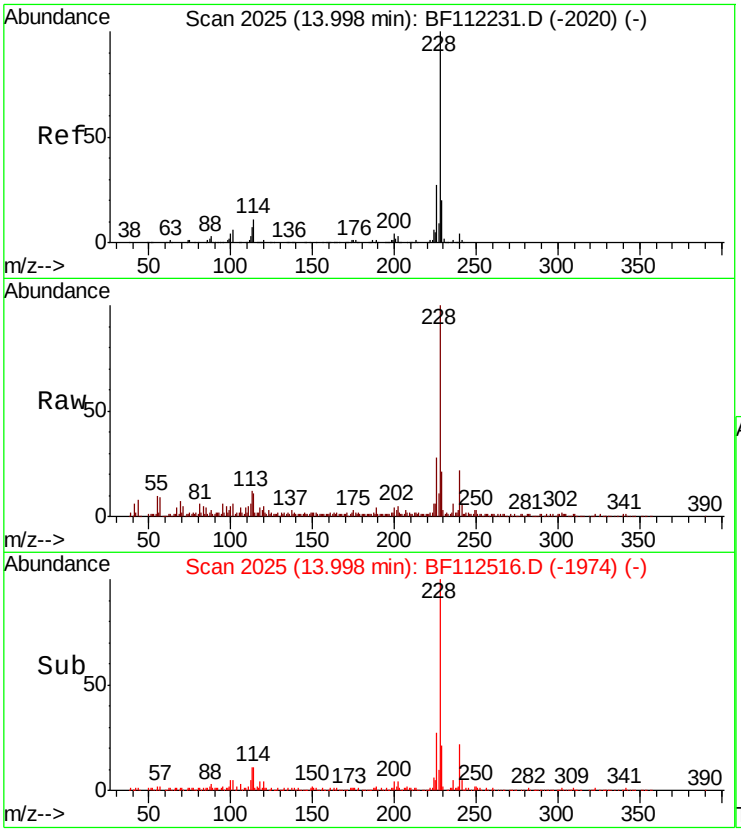


#79
Terphenyl-d14
Concen: 31.405 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion:244 Resp: 463895

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.7	9.8	14.6#



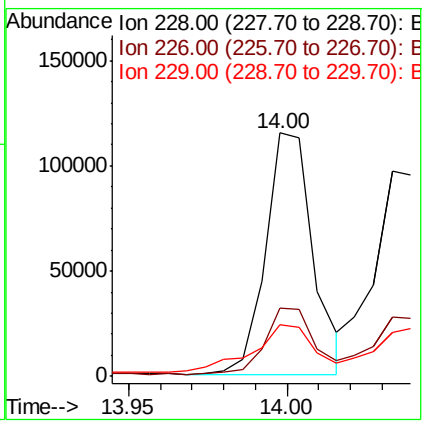


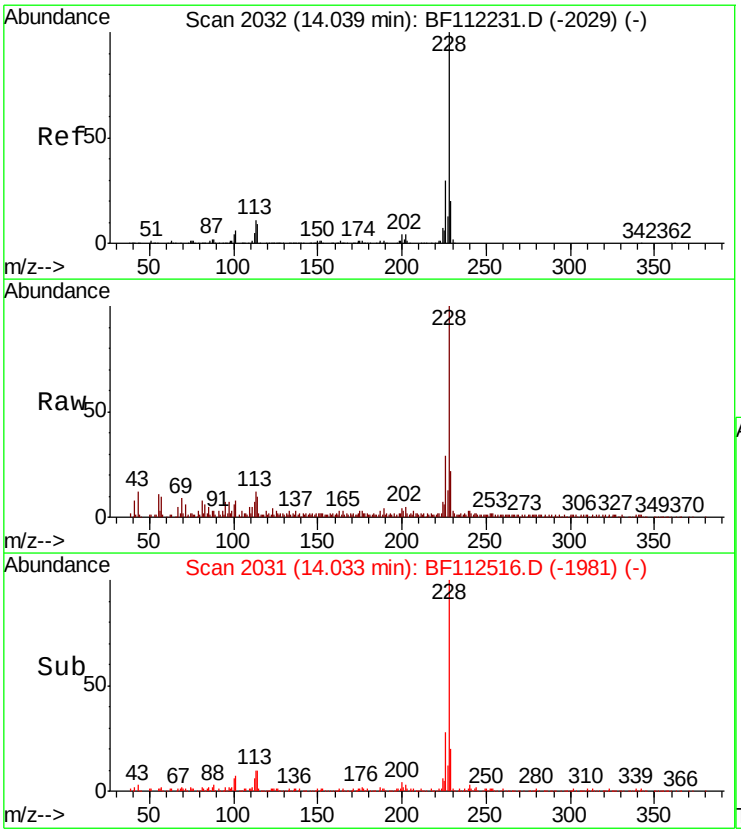
#81
Benzo(a)anthracene
Concen: 7.346 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion:228 Resp: 120149

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	21.4	16.5	24.7

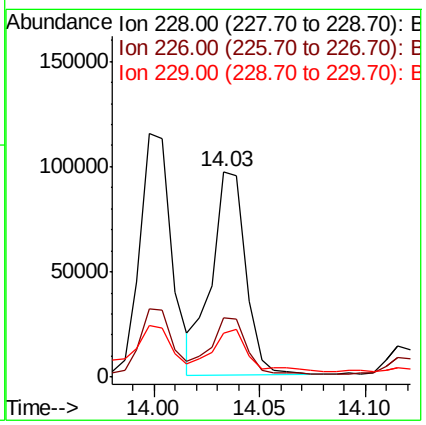


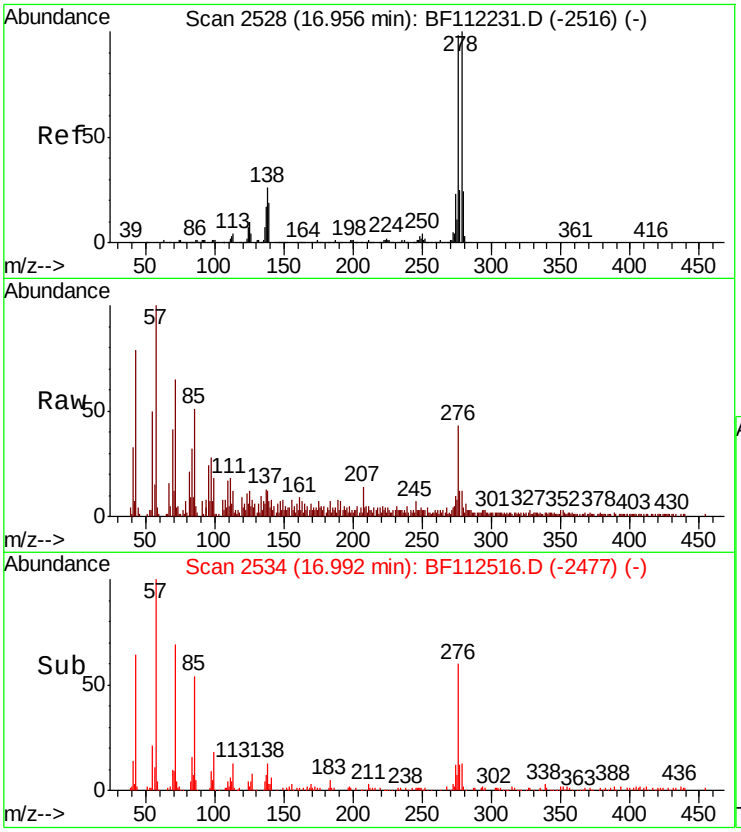


#83
Chrysene
Concen: 6.968 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion:228 Resp: 108776

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	21.6	16.6	24.8



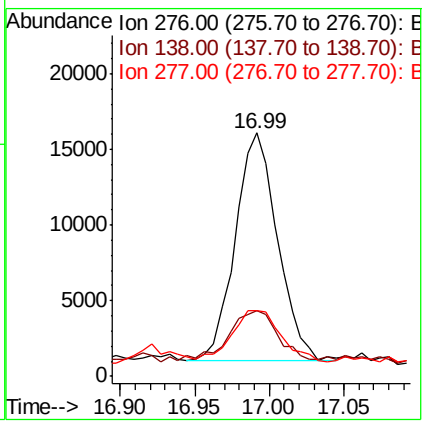


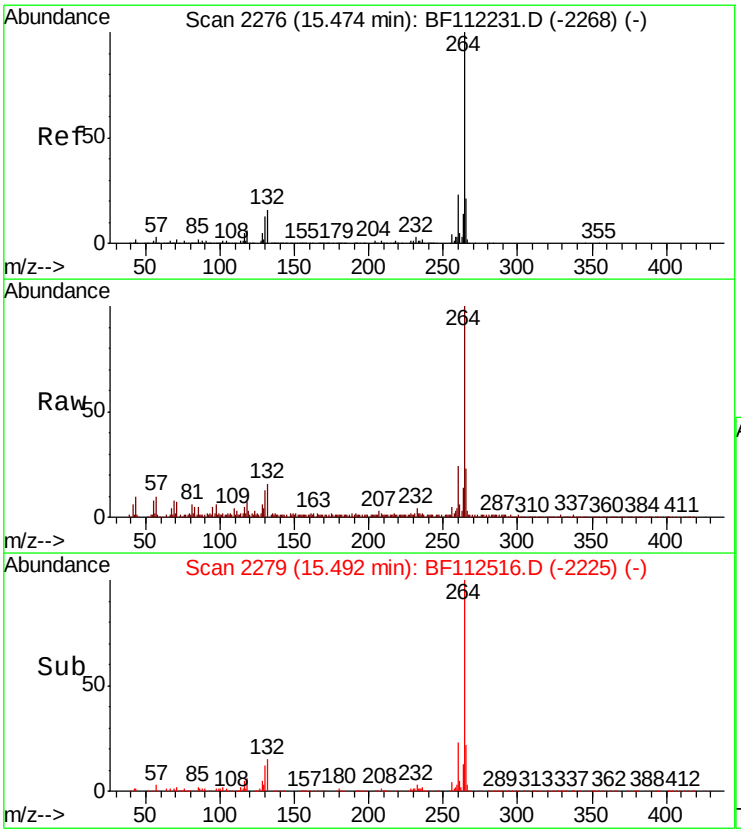
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.408 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.04 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion:276 Resp: 29792

Ion	Ratio	Lower	Upper
276	100		
138	26.4	22.6	34.0
277	26.0	20.3	30.5

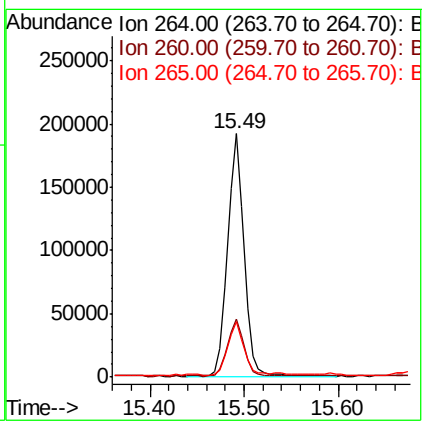


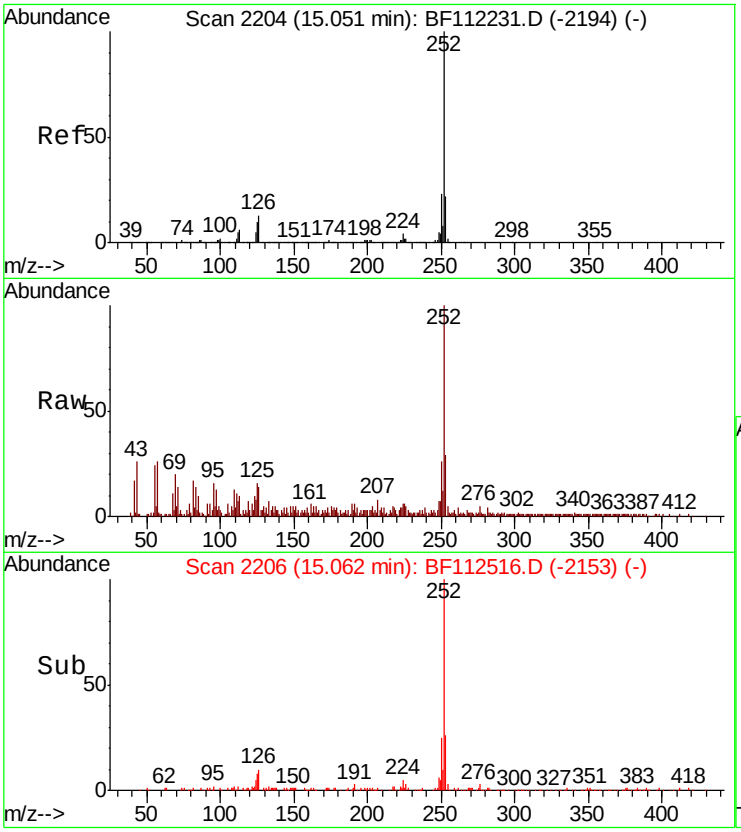


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion:264 Resp: 232570

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	22.8	17.0	25.4



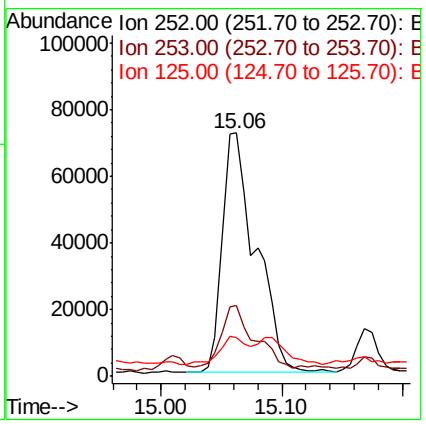


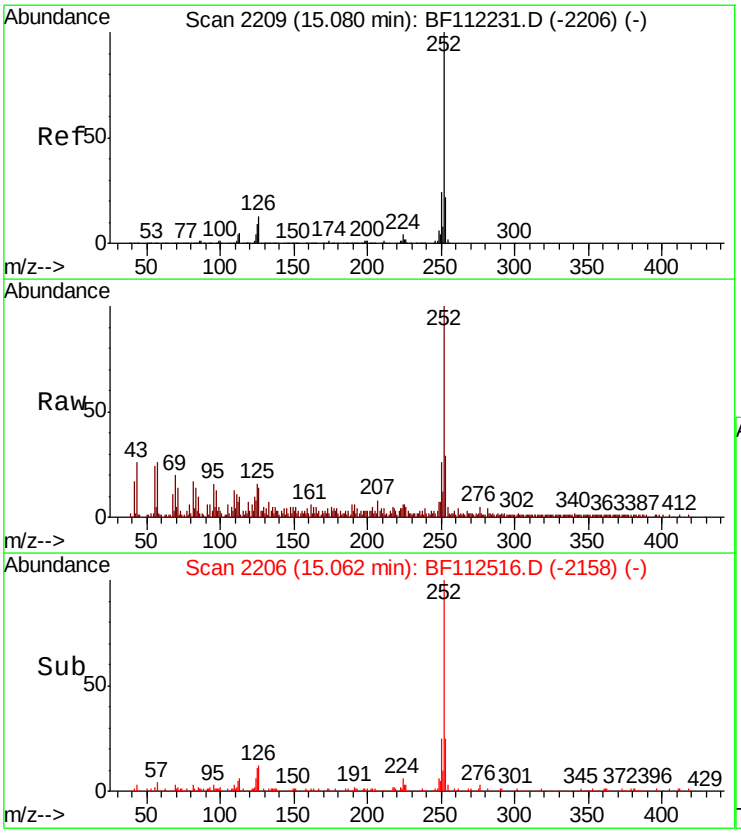
#88
Benzo(b)fluoranthene
Concen: 9.944 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion:252 Resp: 138307

Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.0	27.0#
125	16.0	8.7	13.1#

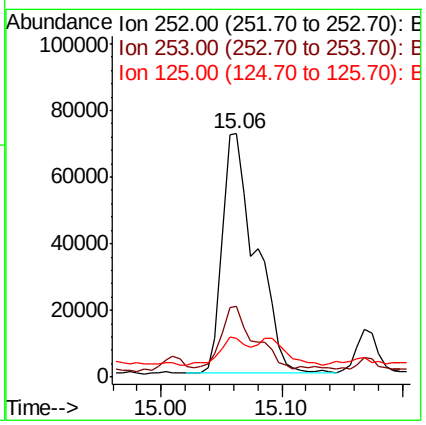


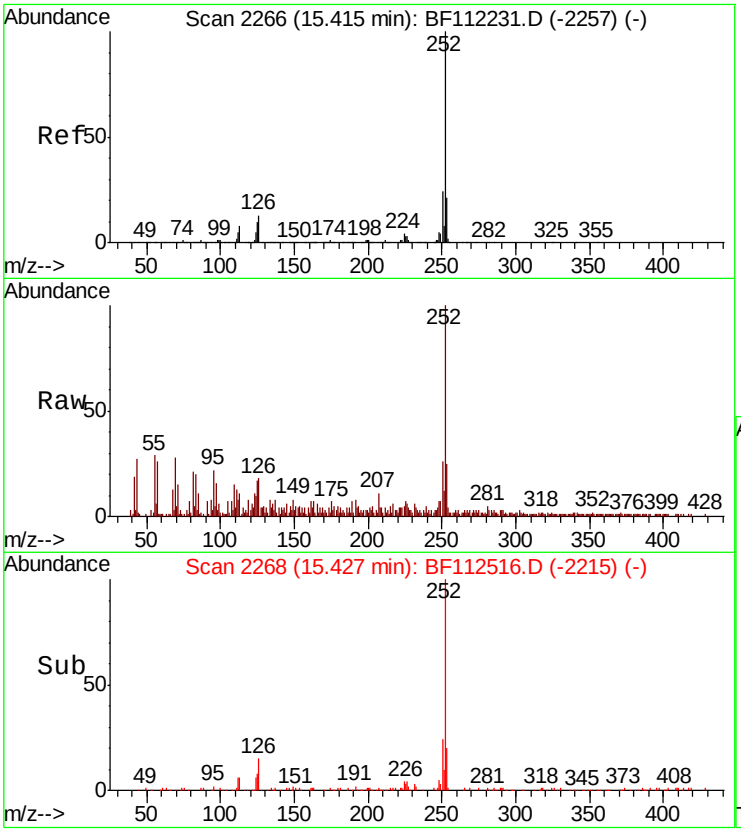


#89
Benzo(k)fluoranthene
Concen: 10.381 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion:252 Resp: 138307

Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.0	27.0#
125	16.0	9.1	13.7#



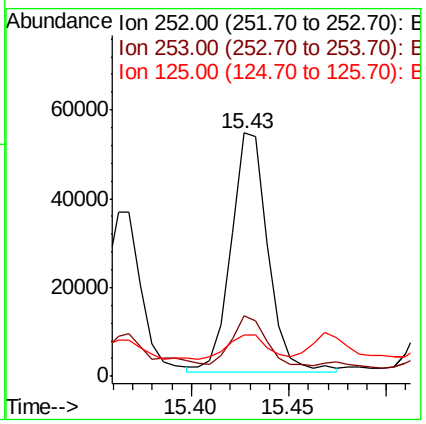


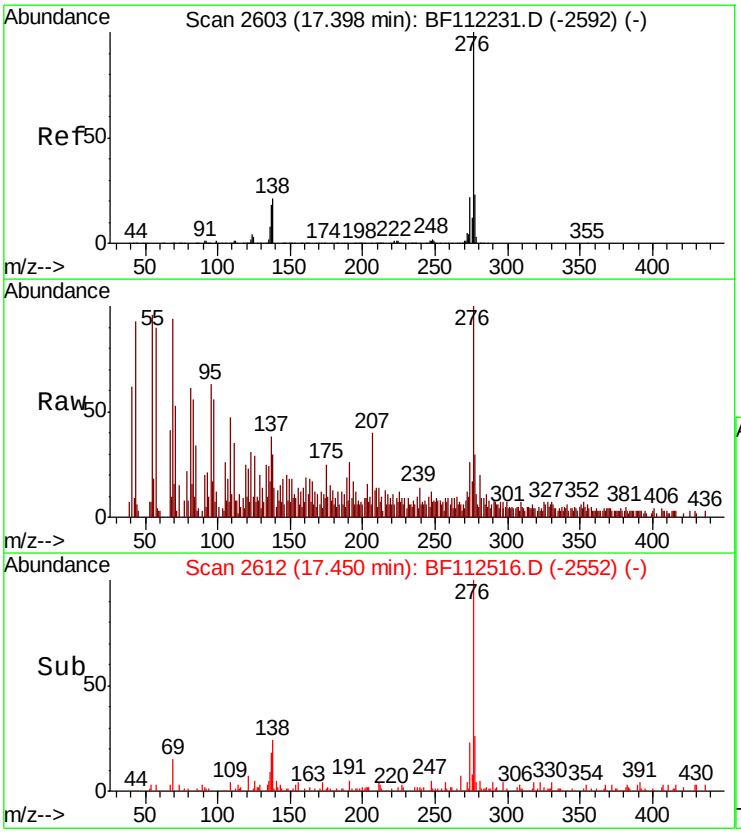
#90
Benzo(a)pyrene
Concen: 5.600 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-D

Tgt Ion:252 Resp: 70086

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	16.9	9.0	13.4#





#92
Benzo(g,h,i)perylene
Concen: 3.139 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.05 min
Lab File: BF112516.D
Acq: 12 Feb 2019 19:30

Tgt Ion:276 Resp: 29875

Ion	Ratio	Lower	Upper
276	100		
277	30.2	19.4	29.0#
138	30.3	19.1	28.7#