Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
Data File : BF113405.D
Acq On : 29 Mar 2019 7:27
Operator : JU/SJ
Sample : K1950-03RE 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-005-BRE

Quant Time: Mar 29 08:34:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	178282	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	689840	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	308390	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	544441	20.00	ng	0.00
76) Chrysene-d12	13.84	240	452015	20.00	ng	0.00
87) Perylene-d12	15.24	264	359211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	201915	18.52	ng	0.00
7) Phenol-d6	6.35	99	363781	26.37	ng	-0.01
23) Nitrobenzene-d5	7.26	82	201797	17.36	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	28148	7.39	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	470744	7.93	ng	0.00
79) Terphenyl-d14	12.79	244	415818	20.28	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.26	82	201662	8.953	ng	# 64
51) 2,6-Dinitrotoluene	9.73	165	40530	7.861	ng	# 27
71) Phenanthrene	11.23	178	212612	7.864	ng	98
75) Fluoranthene	12.42	202	214335	7.012	ng	98
78) Pyrene	12.64	202	216019	6.896	ng	98
81) Benzo(a)anthracene	13.83	228	96580	3.733	ng	# 92
83) Chrysene	13.86	228	99459	3.784	ng	# 95
88) Benzo(b)fluoranthene	14.85	252	116188	5.207	ng	# 80
89) Benzo(k)fluoranthene	14.85	252	116188	5.929	ng	# 80
90) Benzo(a)pyrene	15.19	252	60029	3.034	ng	# 78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
Data File : BF113405.D
Acq On : 29 Mar 2019 7:27
Operator : JU/SJ
Sample : K1950-03RE 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-BRE

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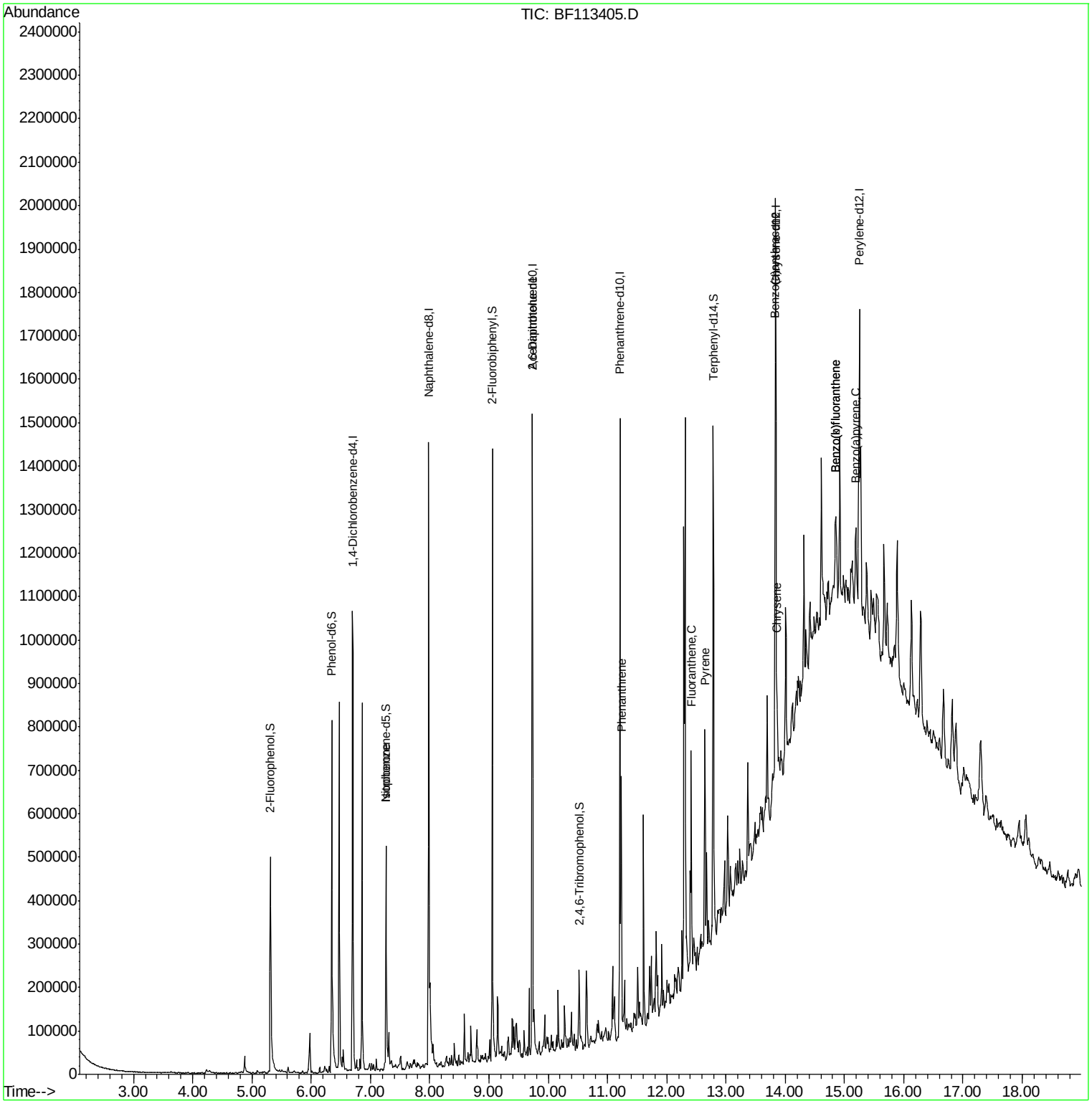
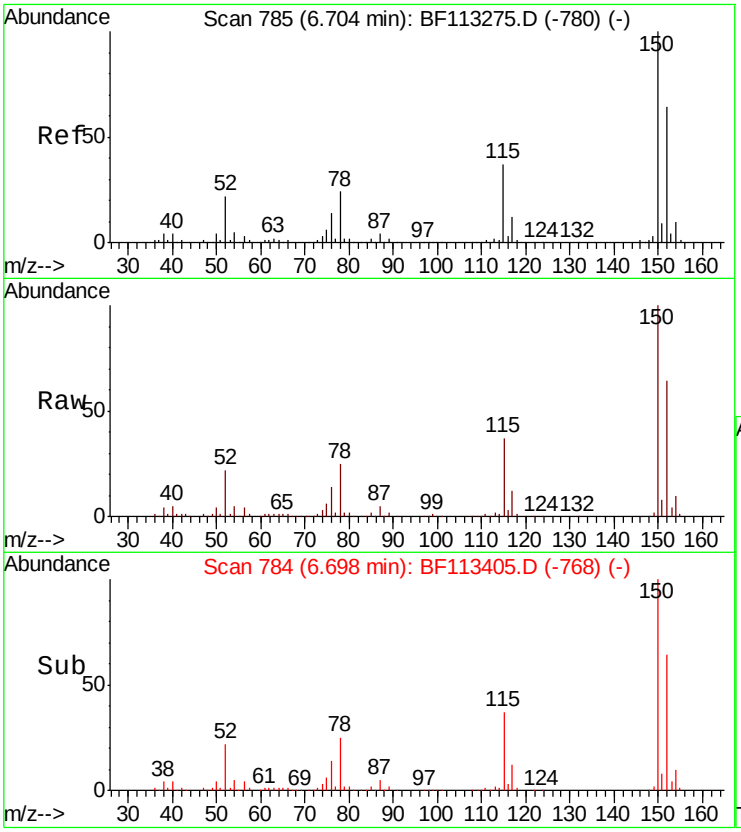
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration



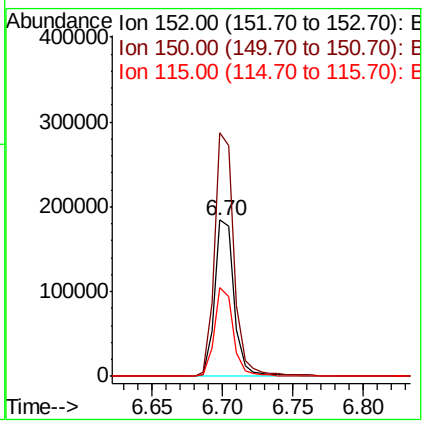


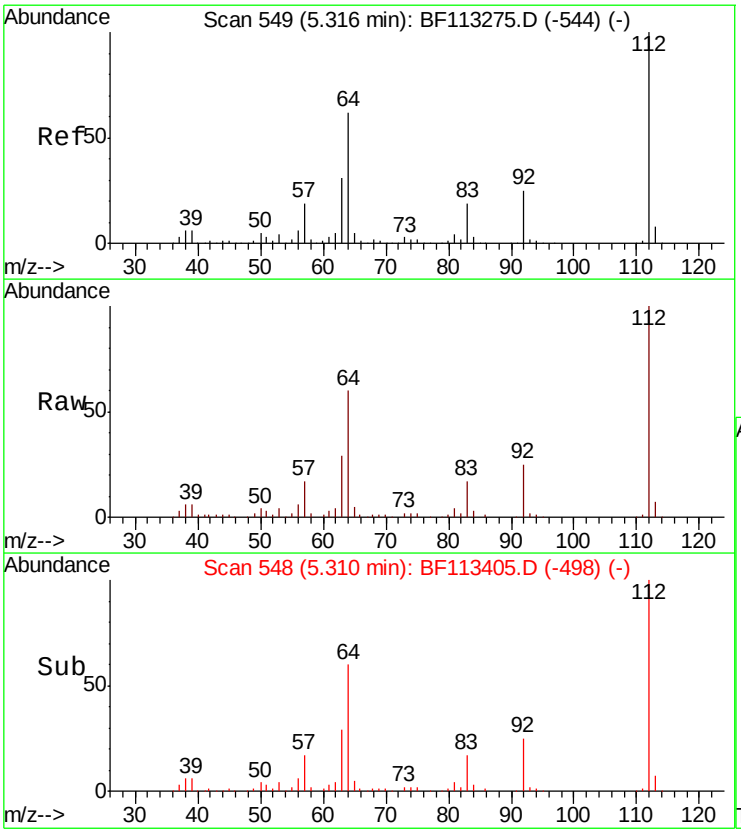
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-BRE

Tgt Ion:152 Resp: 178282

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.7	187.1
115	57.1	46.0	69.0

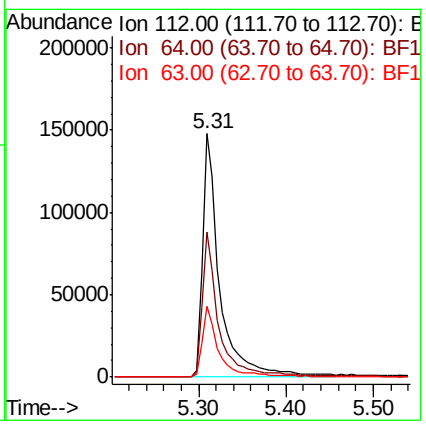


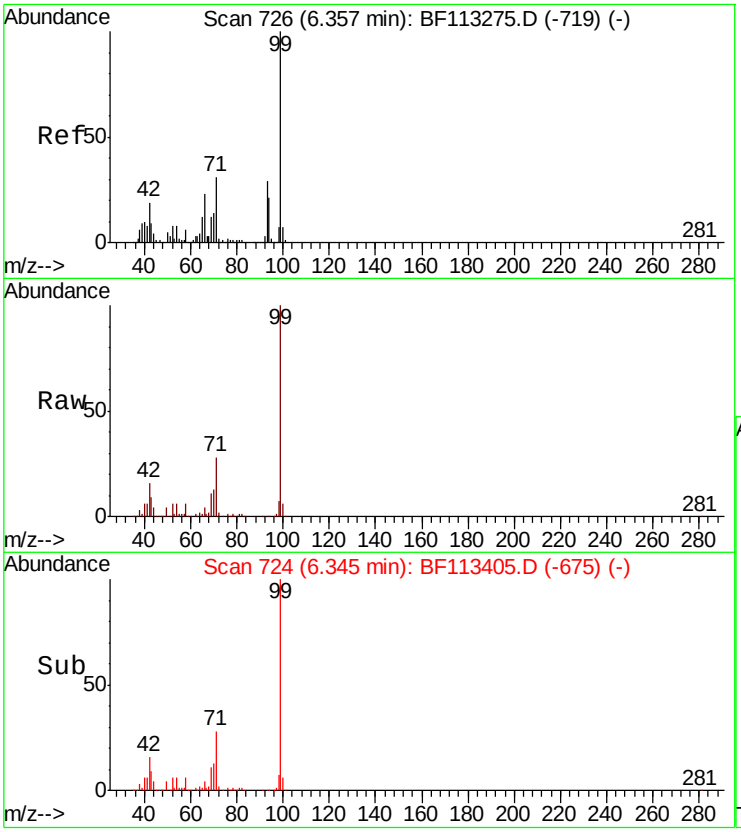


#5
2-Fluorophenol
Concen: 18.519 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Tgt Ion:112 Resp: 201915

Ion	Ratio	Lower	Upper
112	100		
64	59.5	49.2	73.8
63	28.9	24.9	37.3



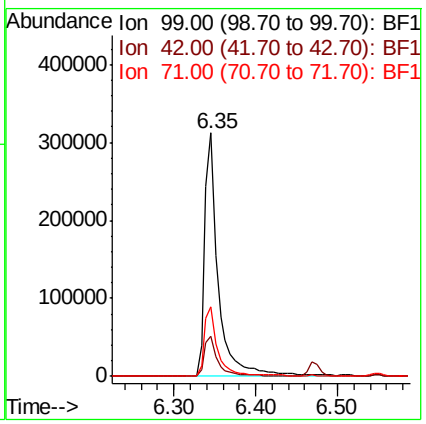


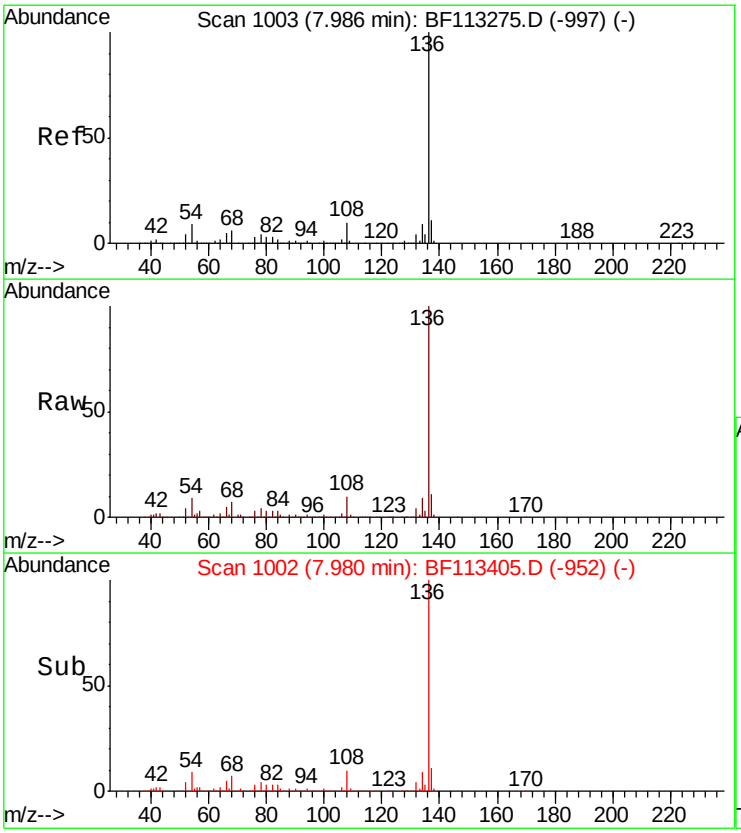
#7
Phenol-d6
Concen: 26.374 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-BRE

Tgt Ion: 99 Resp: 363781

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.8	22.2
71	28.4	24.9	37.3

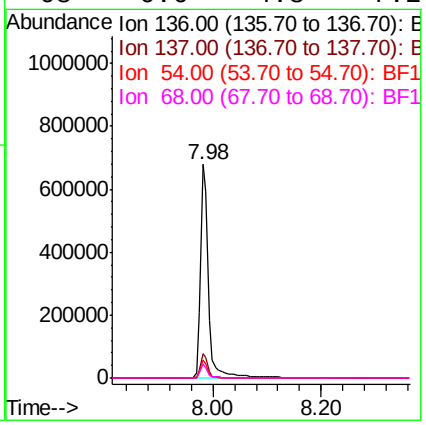


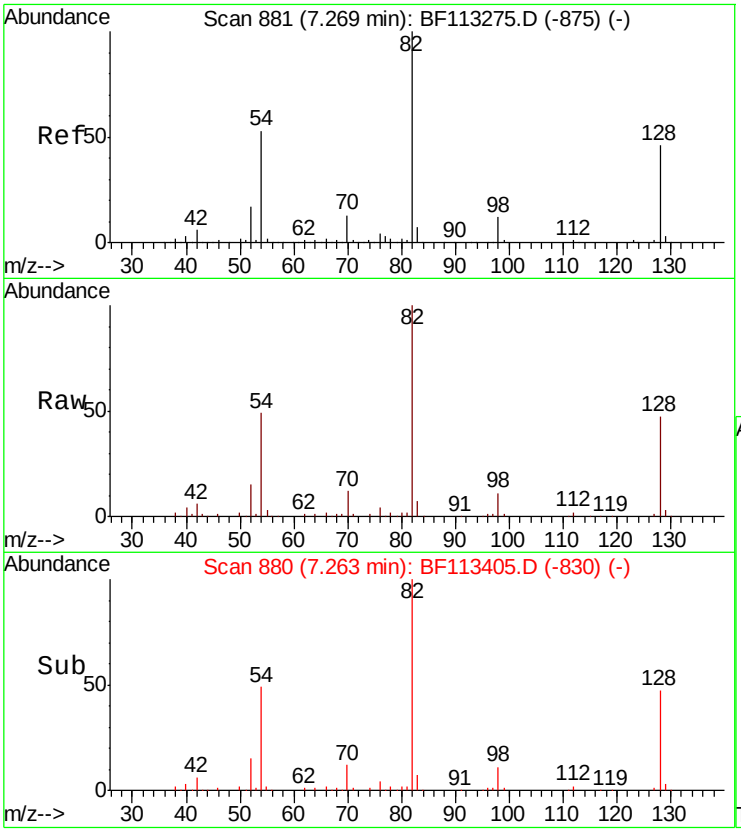


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Tgt Ion:136 Resp: 689840

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.6	7.0	10.6
68	6.6	4.8	7.2



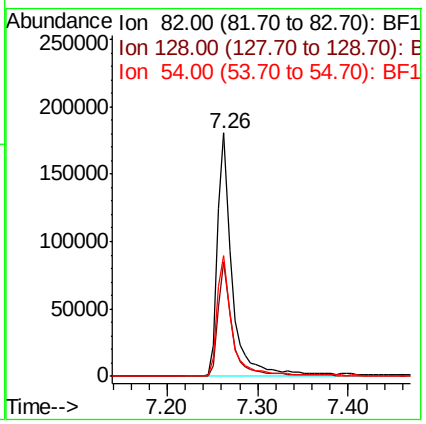


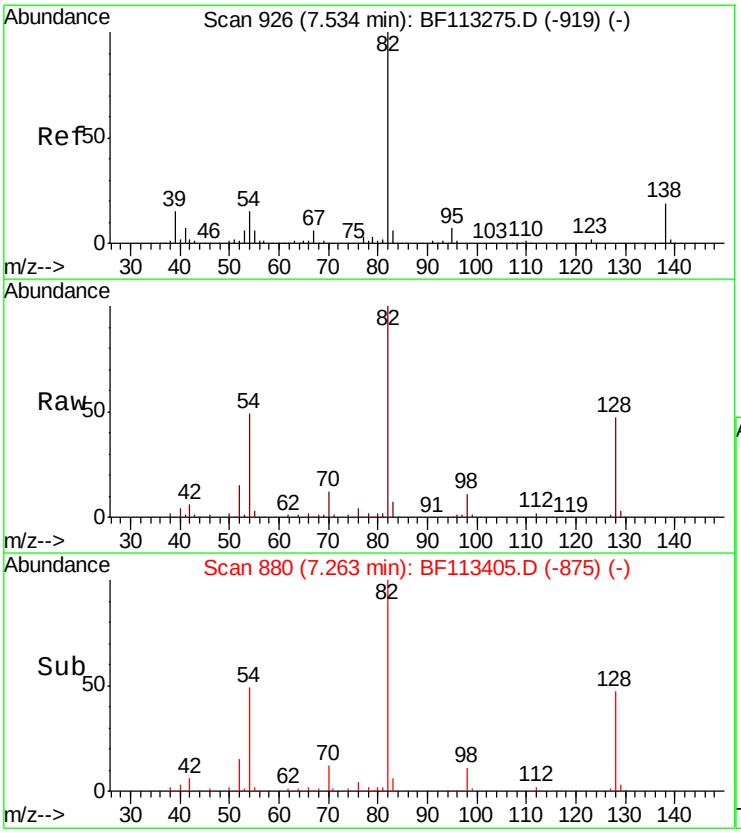
#23
Nitrobenzene-d5
Concen: 17.363 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-BRE

Tgt Ion: 82 Resp: 201797

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.5	54.7
54	49.4	42.2	63.2

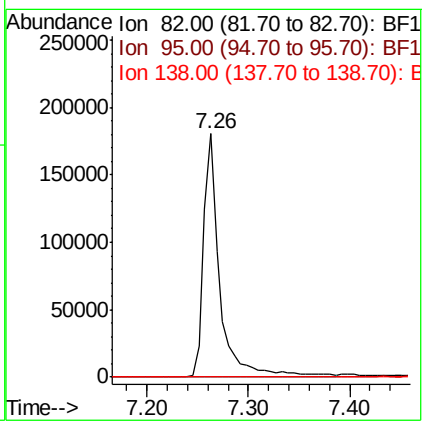


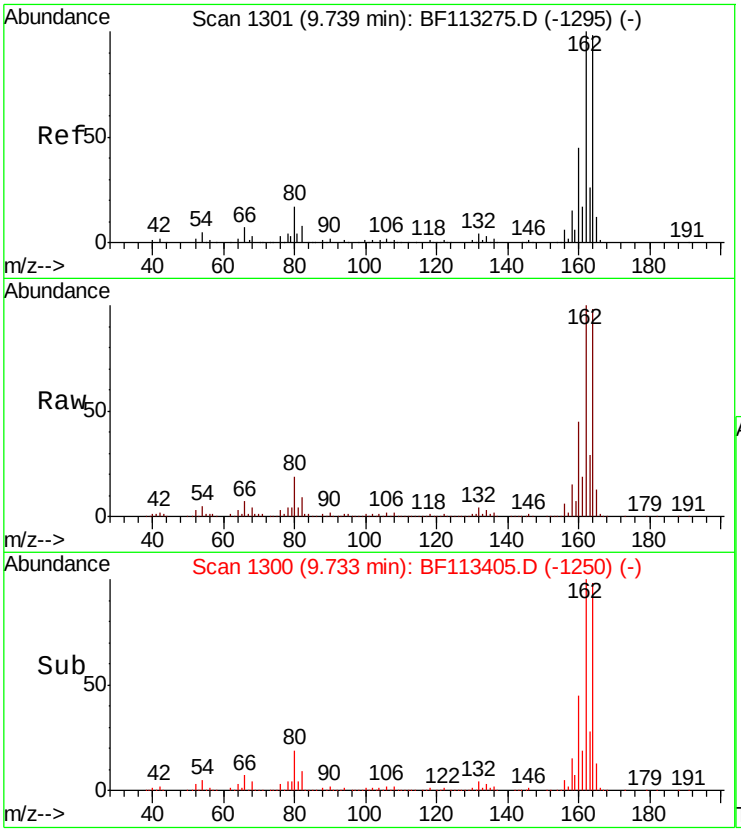


#25
Isophorone
Concen: 8.953 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Tgt Ion: 82 Resp: 201662

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.5	8.3#
138	0.0	15.2	22.8#



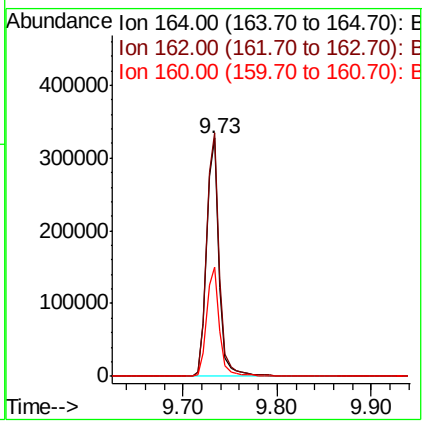


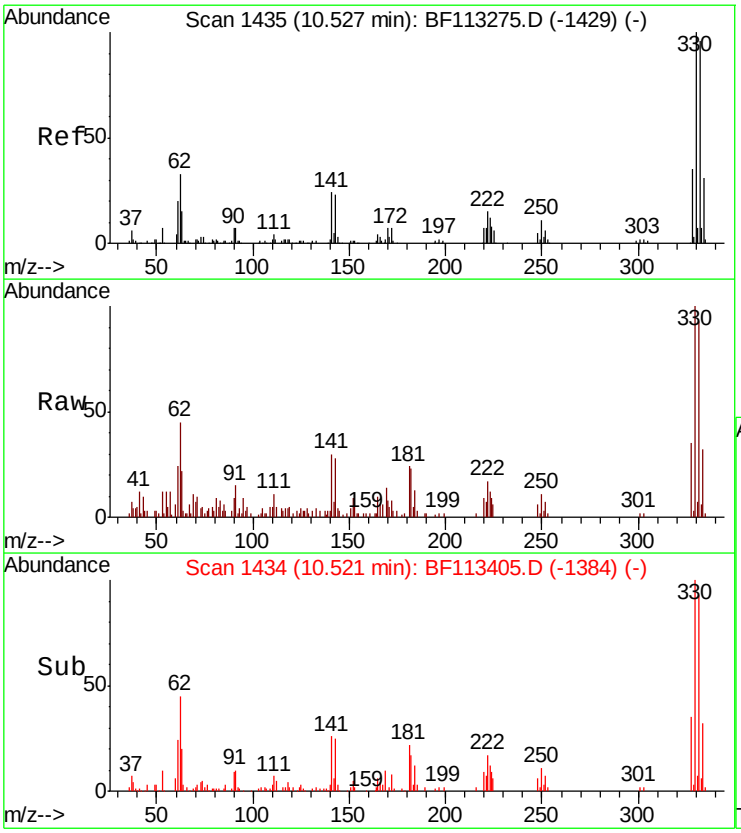
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-BRE

Tgt Ion:164 Resp: 308390

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.6
160	45.8	36.4	54.6

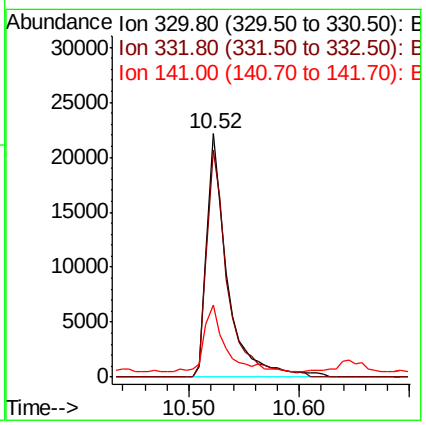


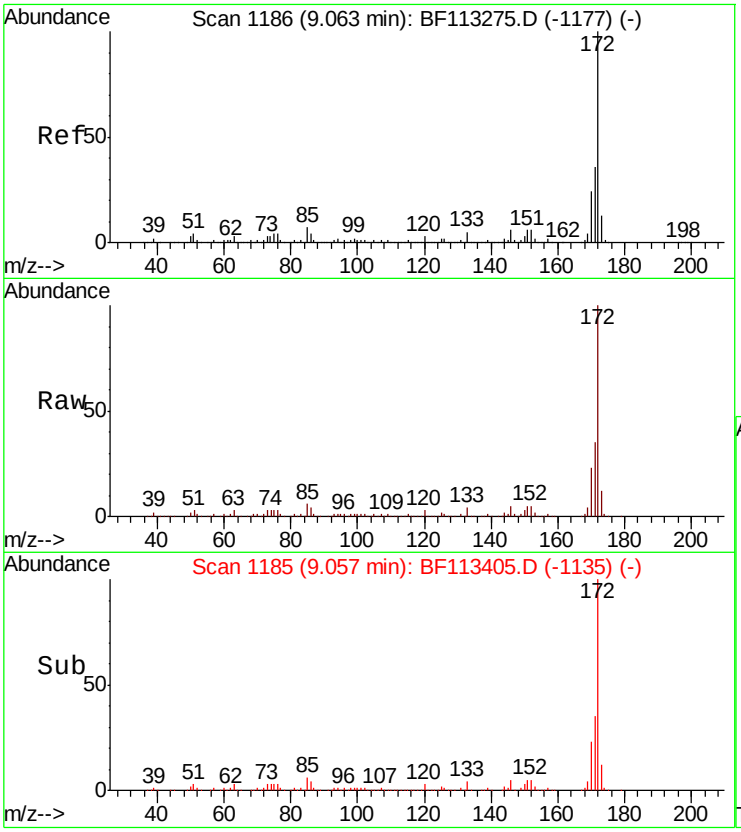


#42
2,4,6-Tribromophenol
Concen: 7.389 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Tgt Ion:330 Resp: 28148

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.8	116.6
141	28.0	22.7	34.1



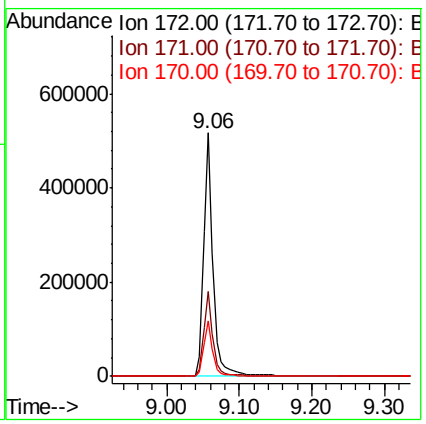


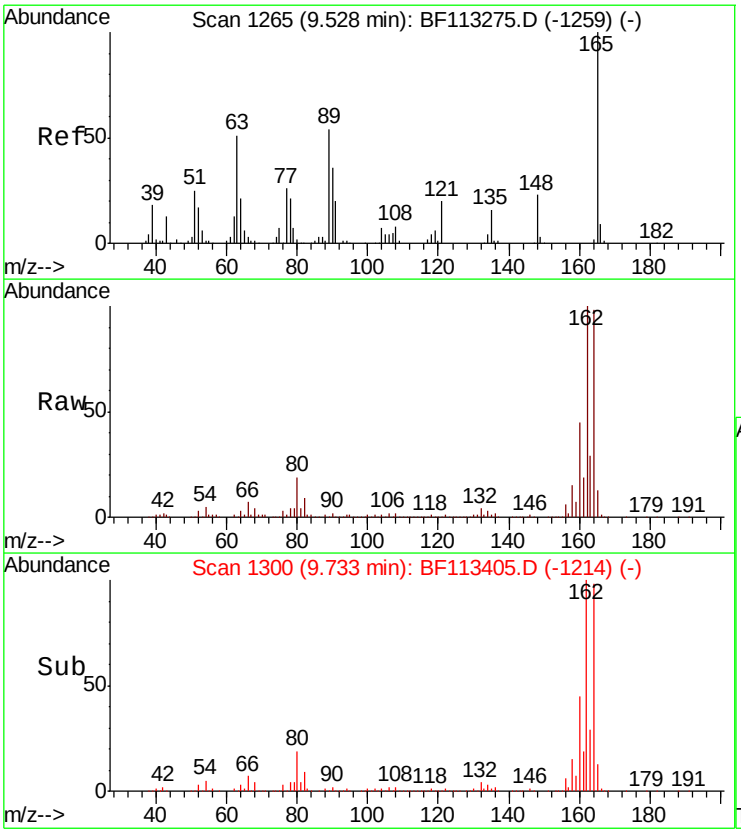
#45
2-Fluorobiphenyl
Concen: 7.934 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-BRE

Tgt Ion:172 Resp: 470744

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.6
170	22.8	19.5	29.3

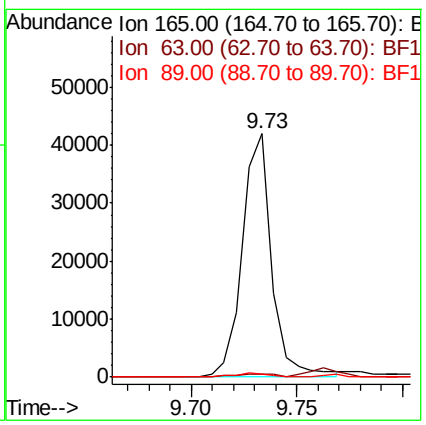


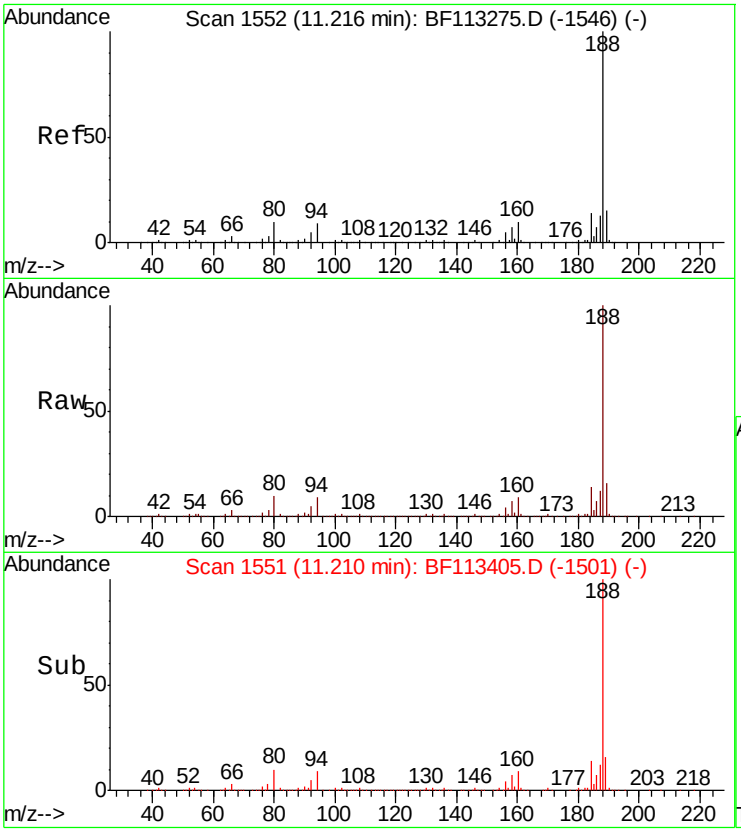


#51
2,6-Dinitrotoluene
Concen: 7.861 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Tgt Ion:165 Resp: 40530

Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	1.5	43.1	64.7#



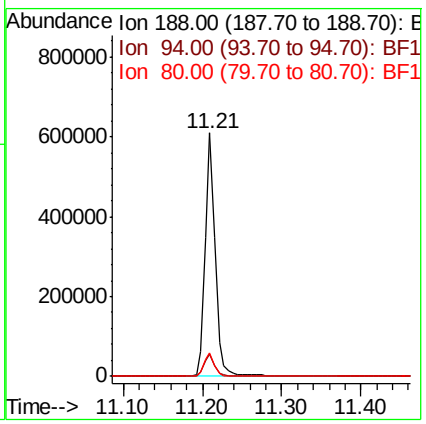


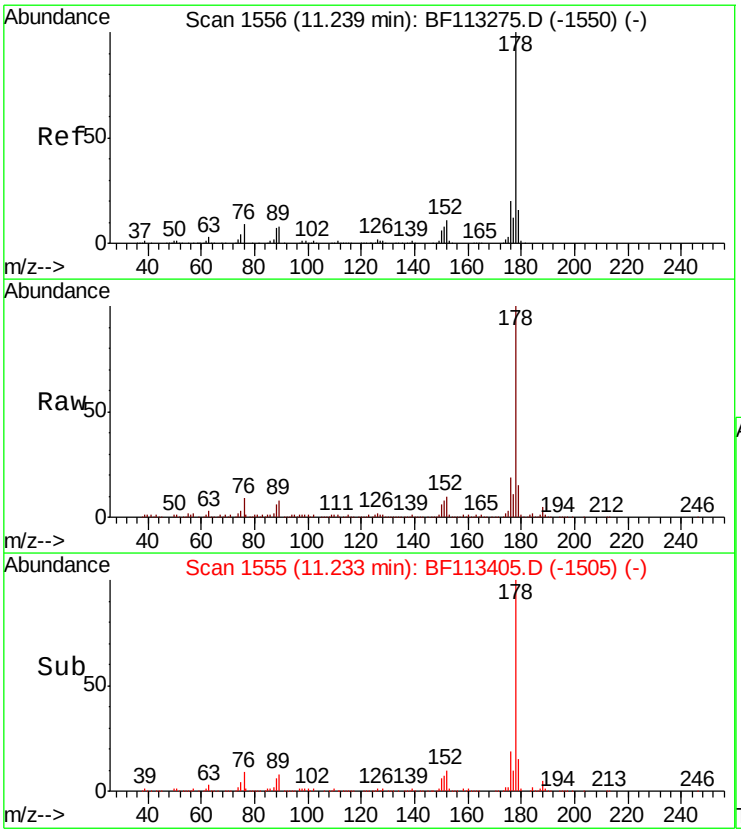
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-BRE

Tgt Ion:188 Resp: 544441

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.6
80	9.6	7.7	11.5

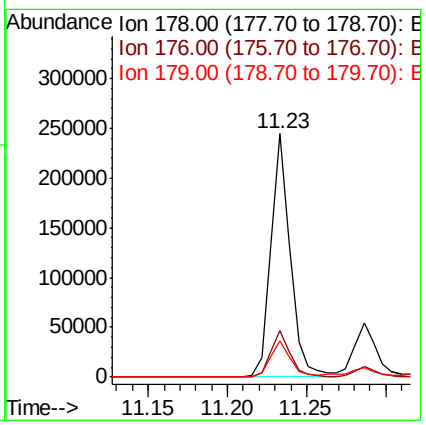


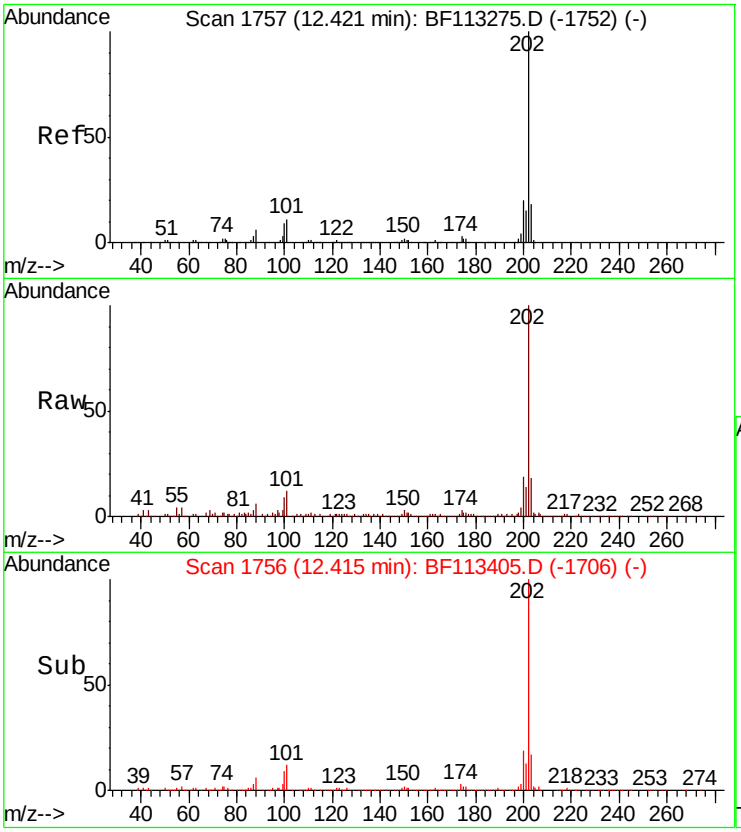


#71
Phenanthrene
Concen: 7.864 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Tgt Ion:178 Resp: 212612

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.2
179	15.0	12.7	19.1



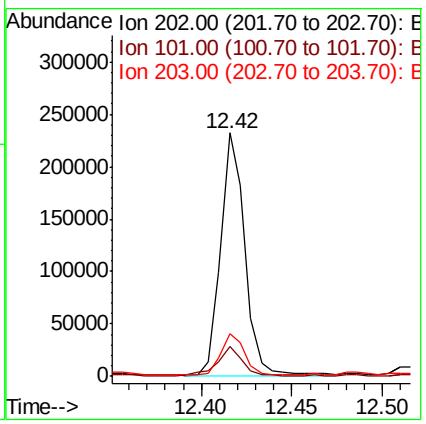


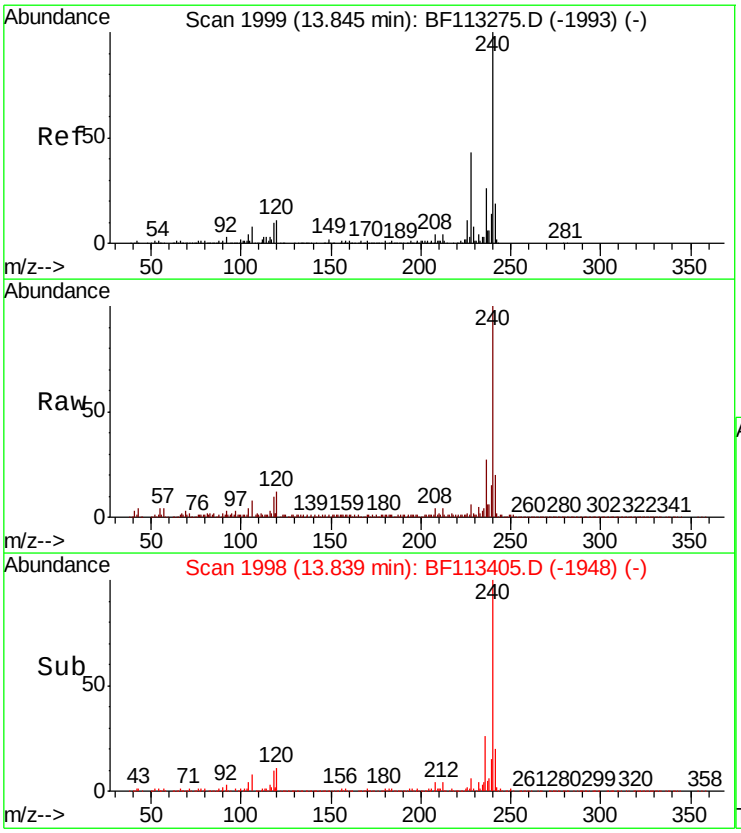
#75
Fluoranthene
Concen: 7.012 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-BRE

Tgt Ion:202 Resp: 214335

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.4
203	17.5	0.0	38.0

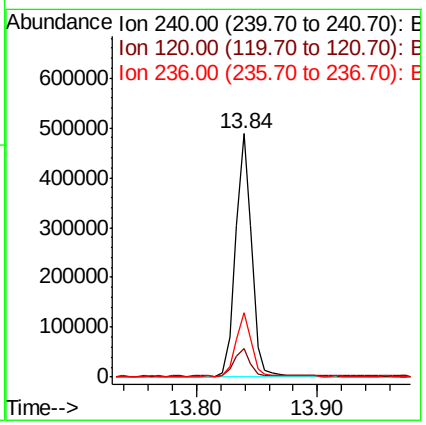


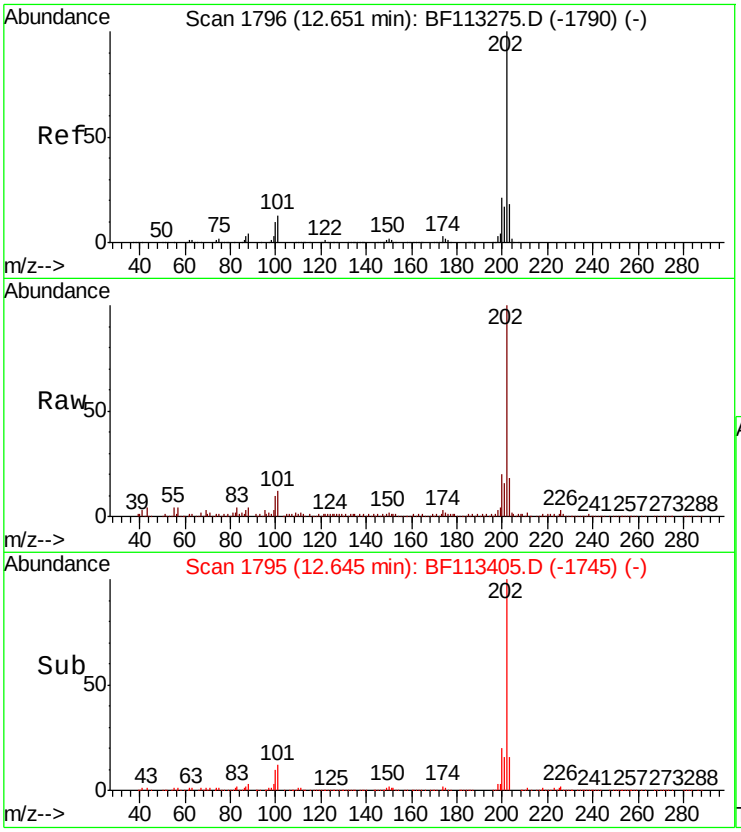


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Tgt Ion:240 Resp: 452015

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.8	13.2
236	26.7	20.9	31.3



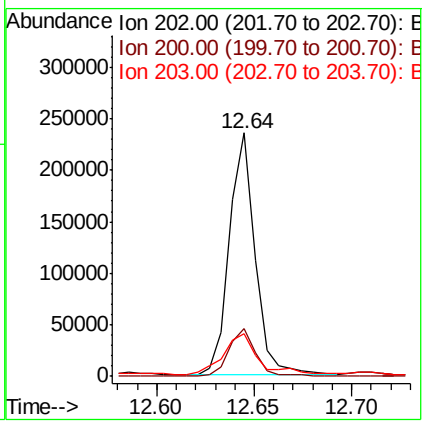


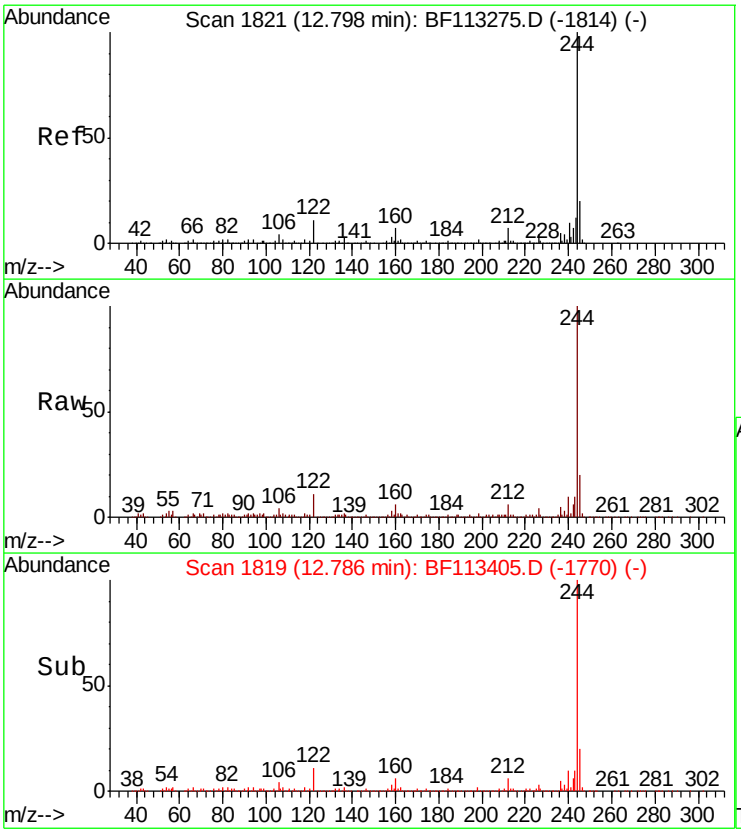
#78
Pyrene
Concen: 6.896 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-BRE

Tgt Ion:202 Resp: 216019

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.8	25.2
203	17.7	14.4	21.6

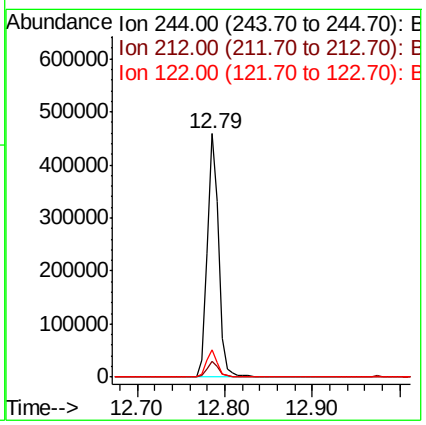


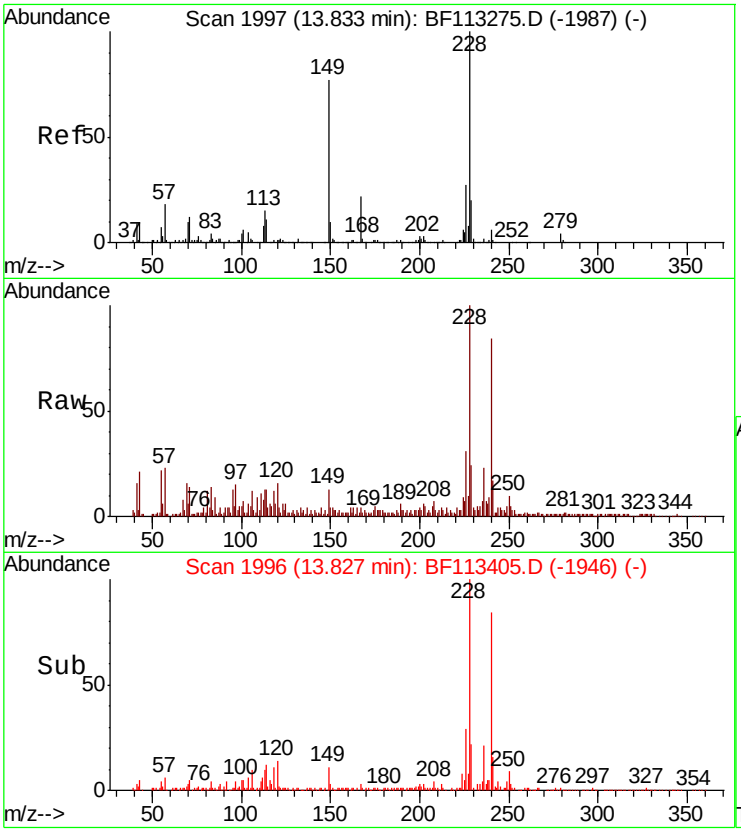


#79
Terphenyl-d14
Concen: 20.277 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Tgt Ion:244 Resp: 415818

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	11.3	8.6	13.0



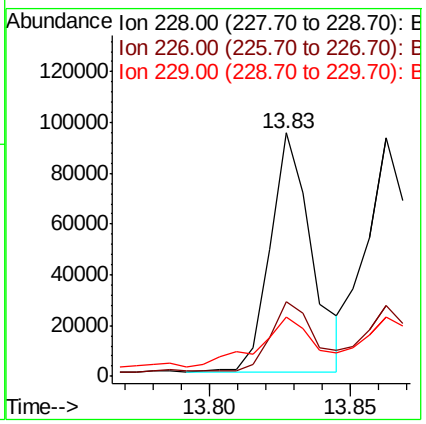


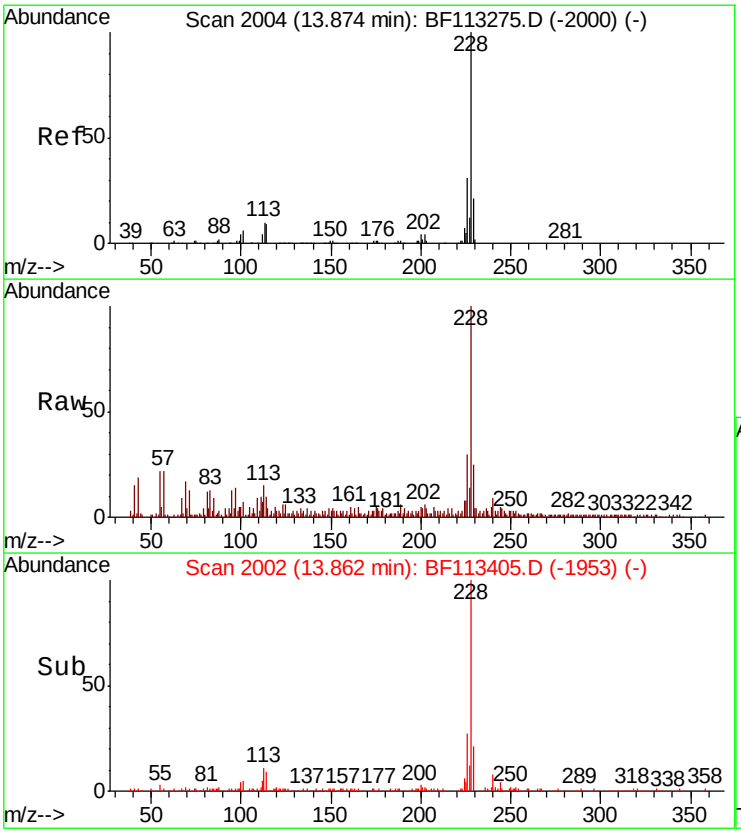
#81
Benzo(a)anthracene
Concen: 3.733 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-BRE

Tgt Ion:228 Resp: 96580

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.8	32.8
229	24.5	16.2	24.4#

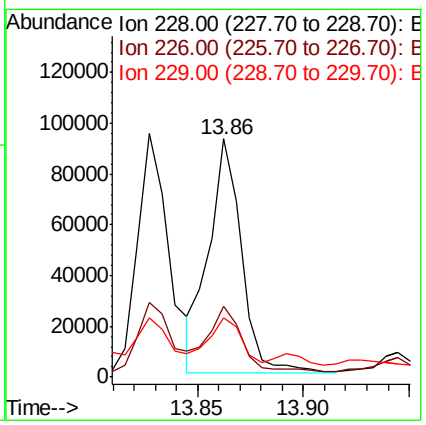


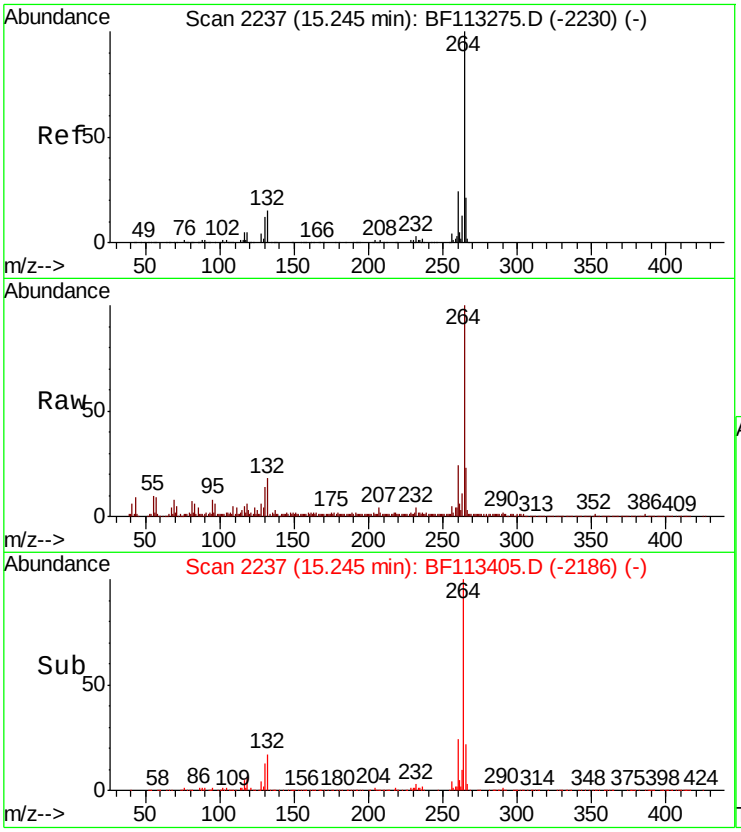


#83
Chrysene
Concen: 3.784 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Tgt Ion:228 Resp: 99459

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	25.0	16.3	24.5#



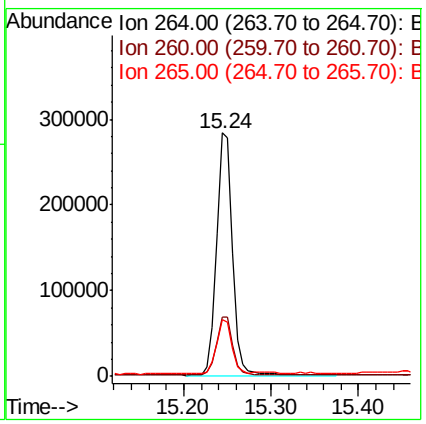


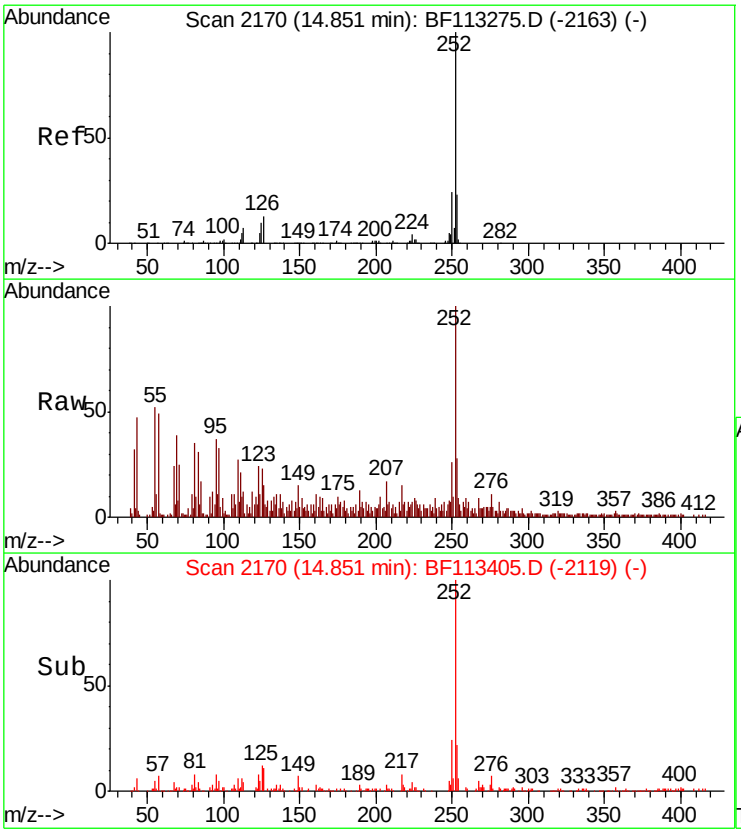
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-BRE

Tgt Ion:264 Resp: 359211

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	23.2	17.1	25.7

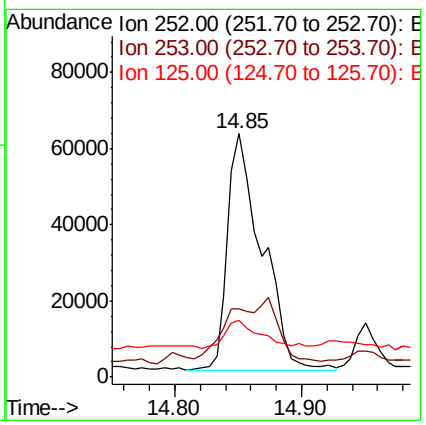


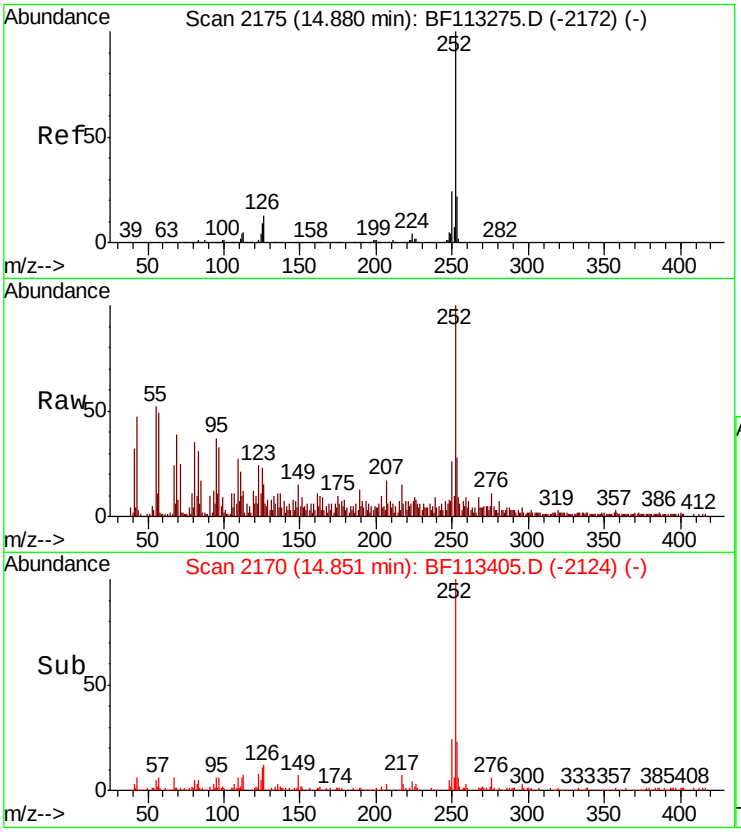


#88
Benzo(b)fluoranthene
Concen: 5.207 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Tgt Ion:252 Resp: 116188

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.0	27.0#
125	23.3	7.6	11.4#



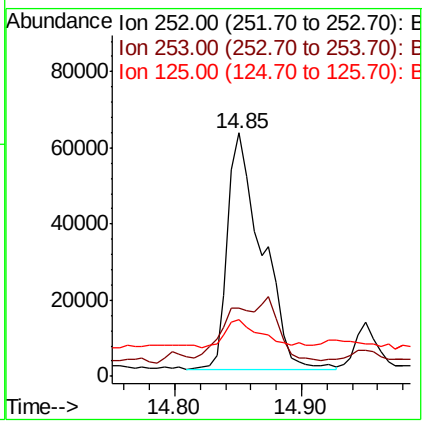


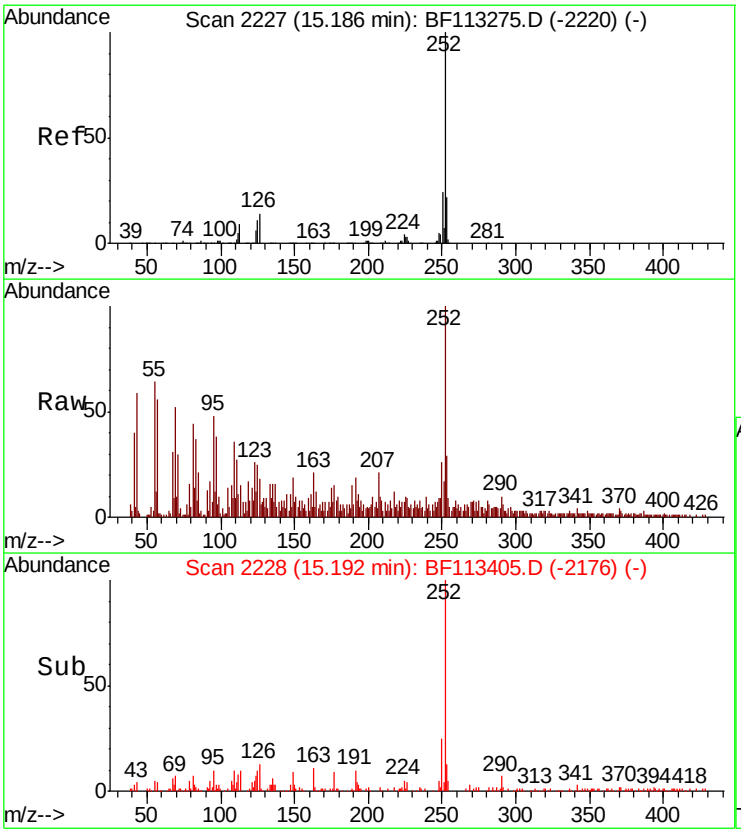
#89
Benzo(k)fluoranthene
Concen: 5.929 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-BRE

Tgt Ion:252 Resp: 116188

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.7	26.5#
125	23.3	7.3	10.9#





#90
Benzo(a)pyrene
Concen: 3.034 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113405.D
Acq: 29 Mar 2019 7:27

Tgt Ion:252 Resp: 60029

Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.9	26.9#
125	24.9	8.8	13.2#