Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114205.D
Acq On : 12 May 2019 20:50
Operator : JU/SJ
Sample : K2767-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS012-0002-01DL

Quant Time: May 13 07:48:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	259184	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1003543	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	452688	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	806093	20.00	ng	0.00
76) Chrysene-d12	14.01	240	550748	20.00	ng	-0.01
87) Perylene-d12	15.48	264	590411	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	165122	10.25	ng	0.00
7) Phenol-d6	6.49	99	225186	11.82	ng	0.00
23) Nitrobenzene-d5	7.41	82	129517	7.24	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	40411	8.63	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	199736	6.67	ng	0.00
79) Terphenyl-d14	12.95	244	145854	5.46	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.41	82	129514	3.905	ng	# 64
32) Benzoic acid	7.90	122	864	7.095	ng	# 87
49) Acenaphthylene	9.75	152	142114	3.175	ng	97
51) 2,6-Dinitrotoluene	9.89	165	58593	7.949	ng	# 22
71) Phenanthrene	11.39	178	454535	11.590	ng	98
75) Fluoranthene	12.58	202	592751	14.036	ng	97
78) Pyrene	12.82	202	1106922	24.984	ng	98
81) Benzo(a)anthracene	14.03	228	434084	12.186	ng	97
83) Chrysene	14.03	228	434084	12.431	ng	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	175693	5.693	ng	97
88) Benzo(b)fluoranthene	15.05	252	564520	14.924	ng	98
89) Benzo(k)fluoranthene	15.05	252	564520	16.247	ng	98
90) Benzo(a)pyrene	15.42	252	340289	10.222	ng	98
92) Benzo(g,h,i)perylene	17.39	276	203423	7.338	ng	99

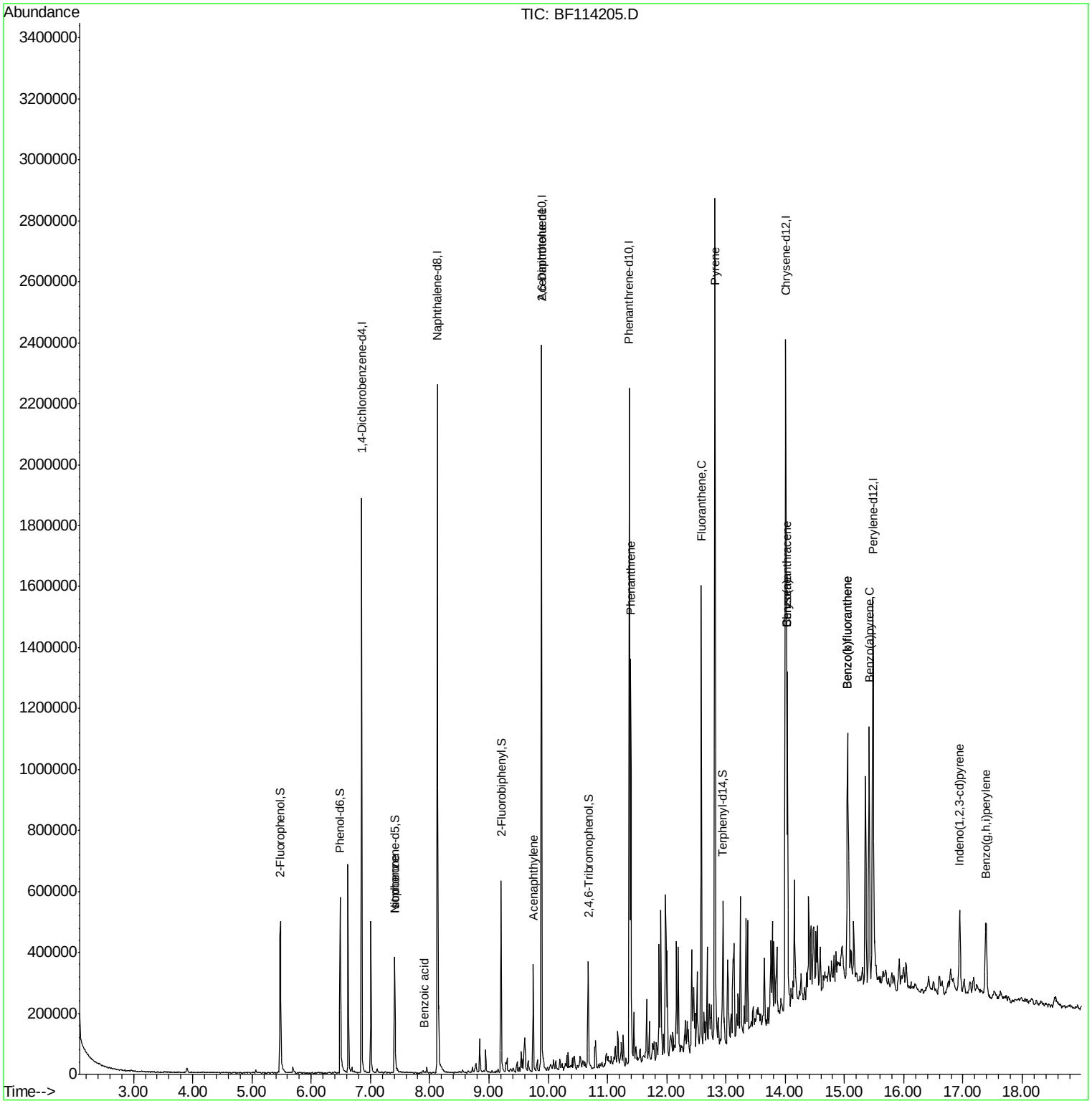
(#) = qualifier out of range (m) = manual integration (+) = signals summed

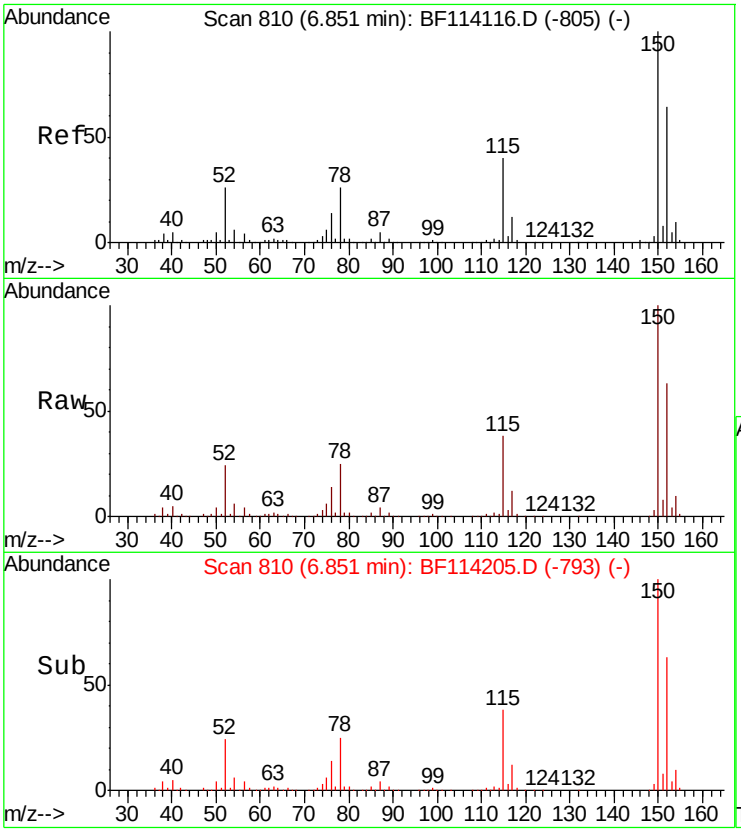
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114205.D
Acq On : 12 May 2019 20:50
Operator : JU/SJ
Sample : K2767-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Quant Time: May 13 07:48:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



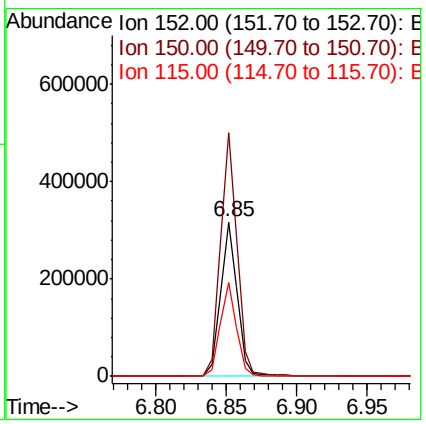


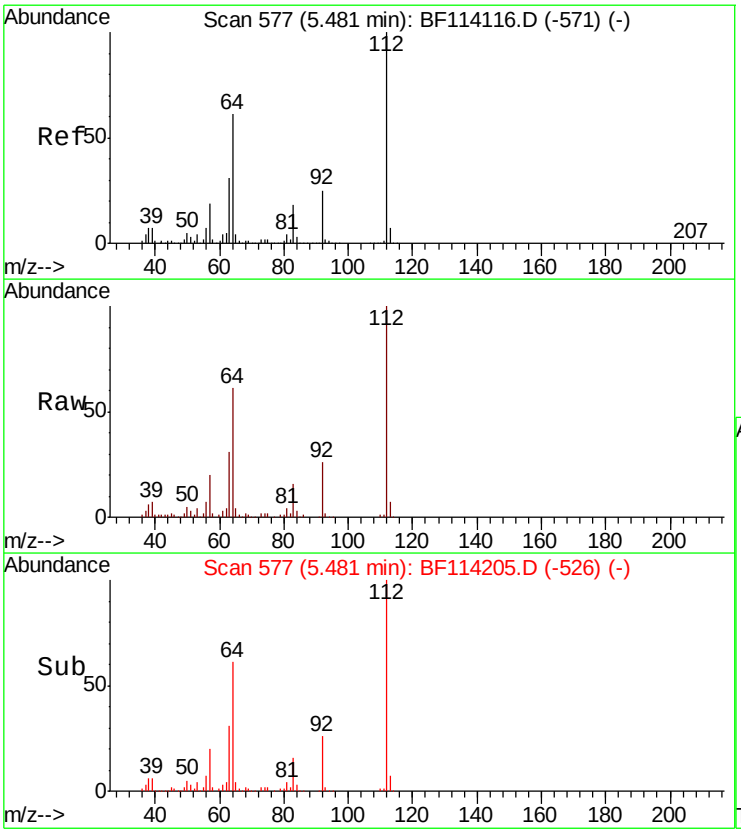
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion:152 Resp: 259184

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.3	186.5
115	60.3	49.1	73.7

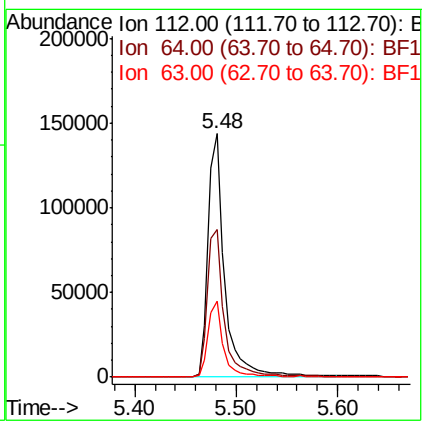


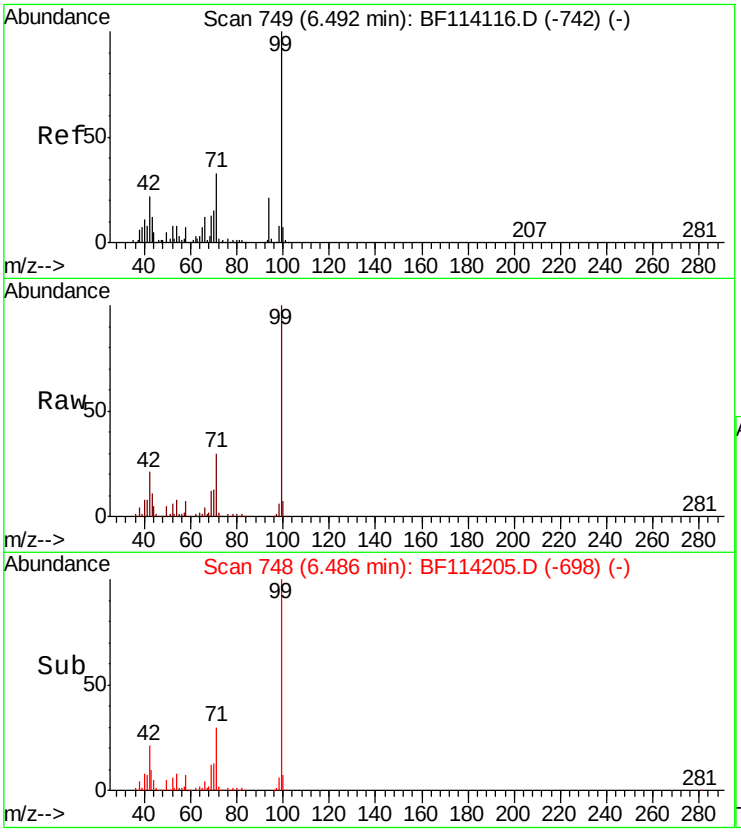


#5
2-Fluorophenol
Concen: 10.252 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion:112 Resp: 165122

Ion	Ratio	Lower	Upper
112	100		
64	60.8	49.0	73.6
63	30.9	24.6	37.0



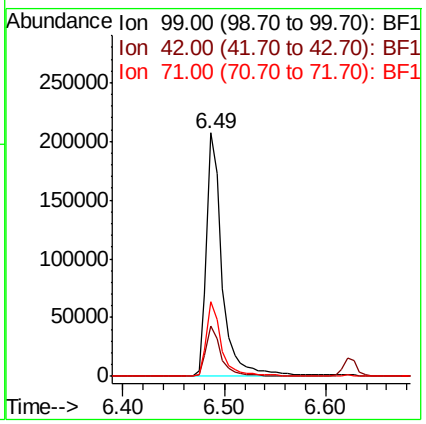


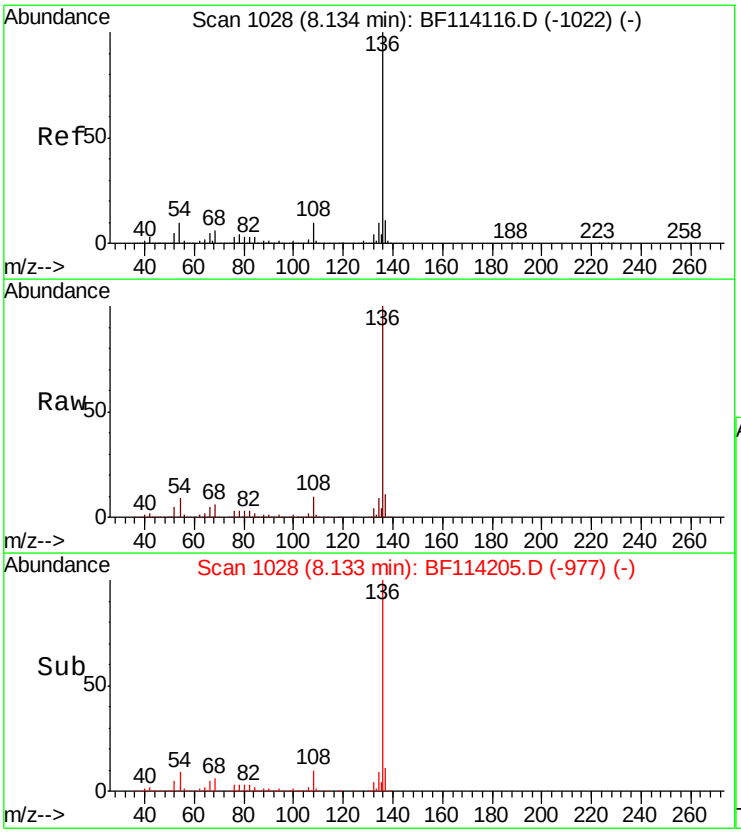
#7
Phenol-d6
Concen: 11.822 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion: 99 Resp: 225186

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.9	26.9
71	30.5	26.2	39.2

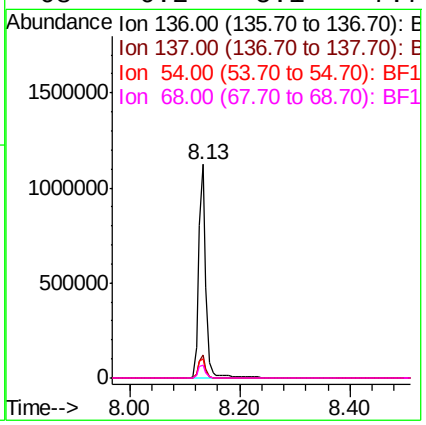


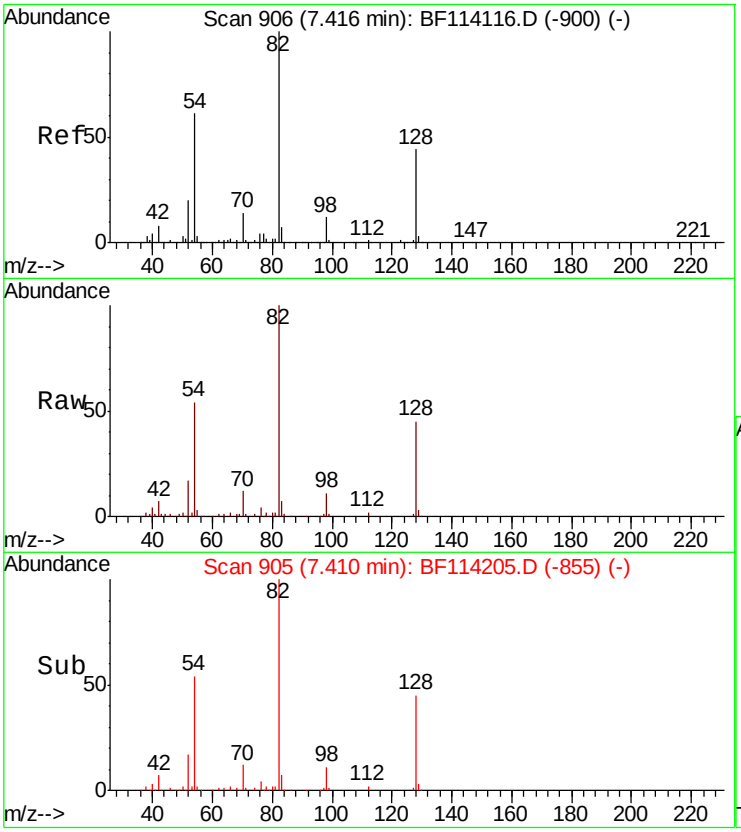


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion:136 Resp: 1003543

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.2	7.8	11.8
68	6.2	5.1	7.7



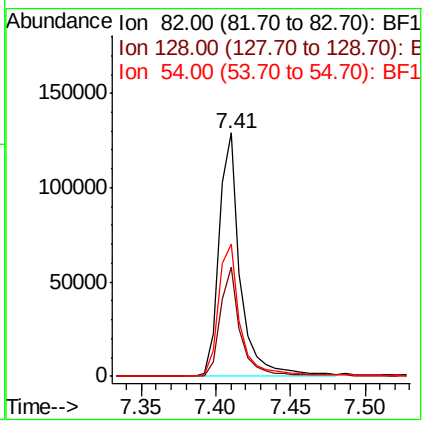


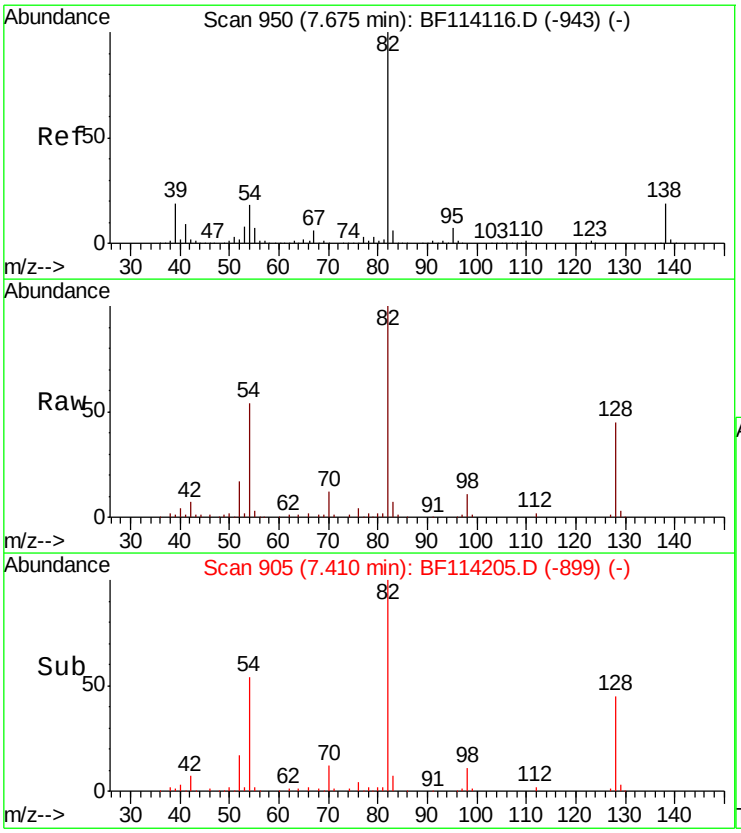
#23
Nitrobenzene-d5
Concen: 7.243 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion: 82 Resp: 129517

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.5	53.3
54	54.5	48.5	72.7

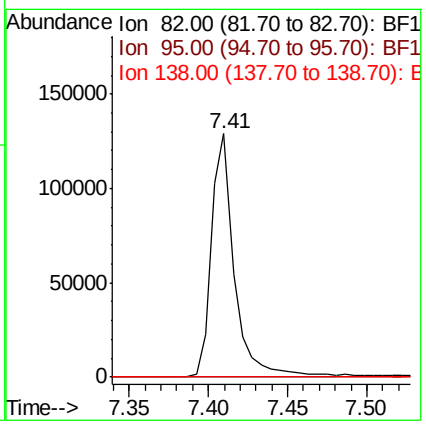


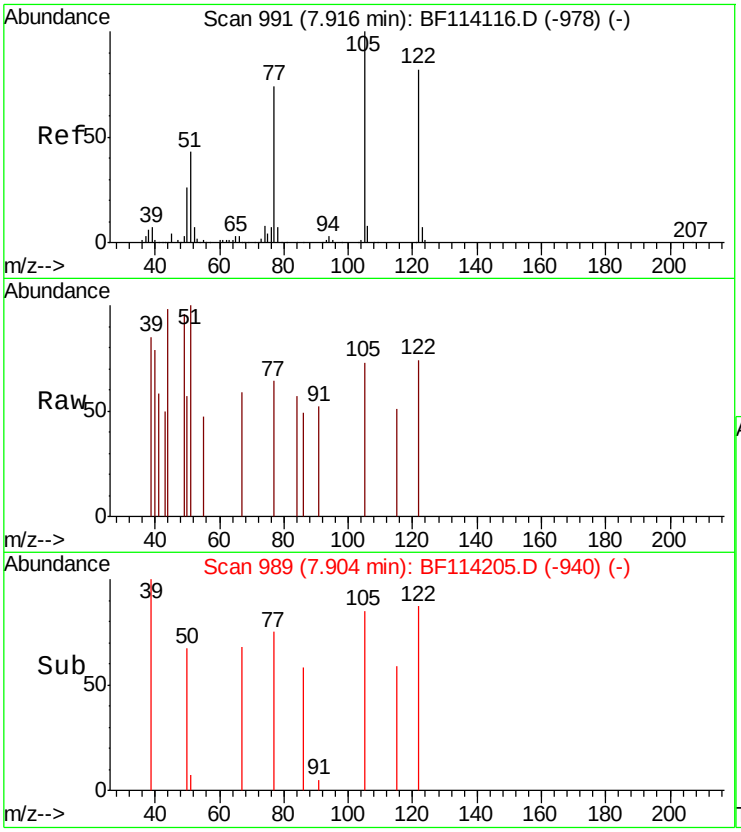


#25
Isophorone
Concen: 3.905 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion: 82 Resp: 129514

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#



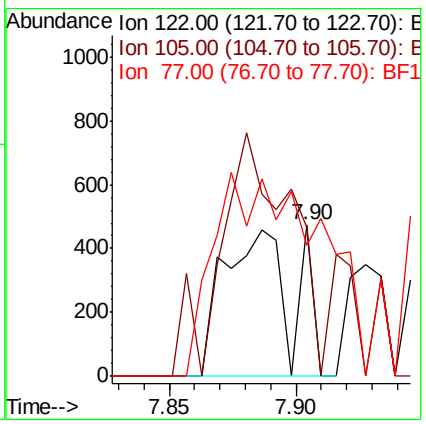


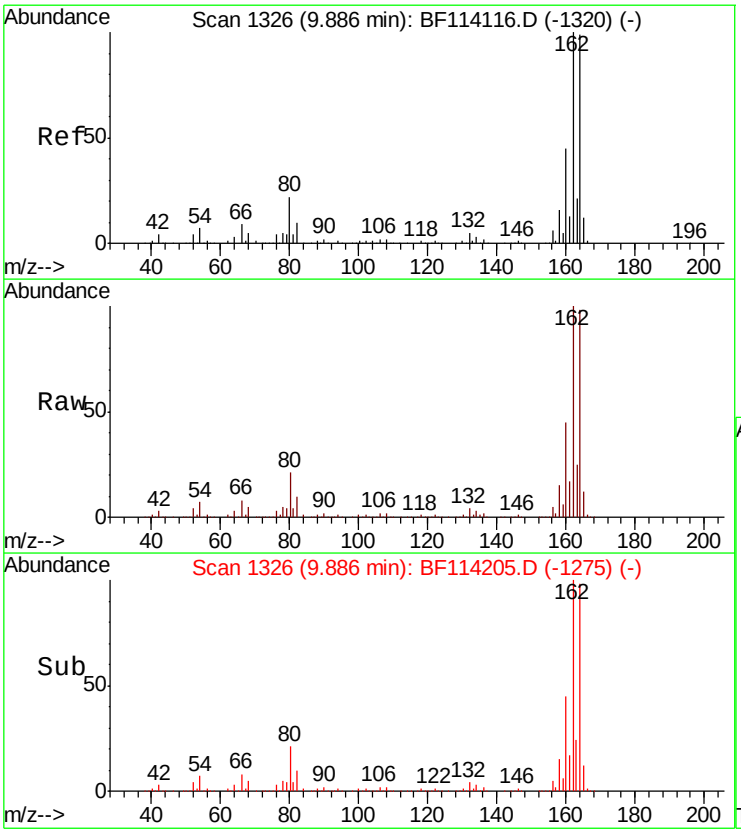
#32
Benzoic acid
Concen: 7.095 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion:122 Resp: 864

Ion	Ratio	Lower	Upper
122	100		
105	98.1	99.9	139.9#
77	86.1	69.4	109.4

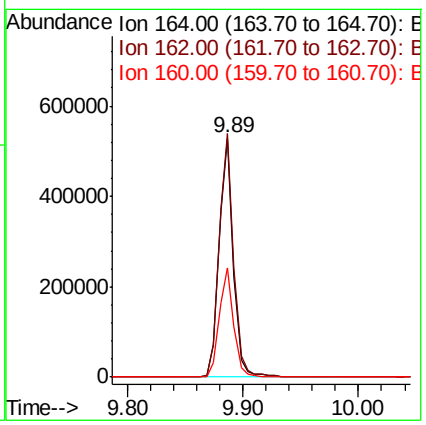


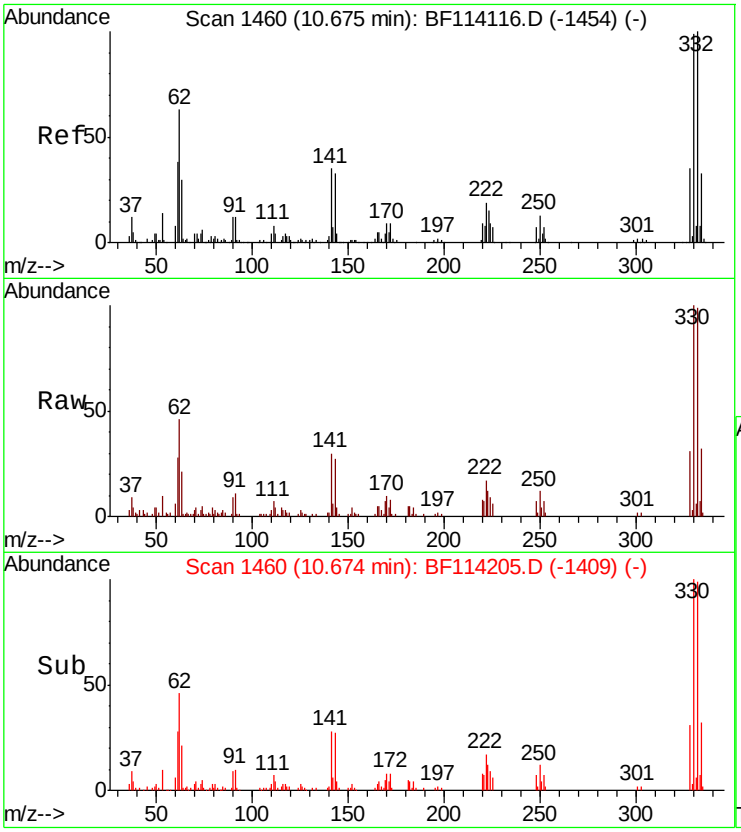


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion:164 Resp: 452688

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	45.6	36.5	54.7



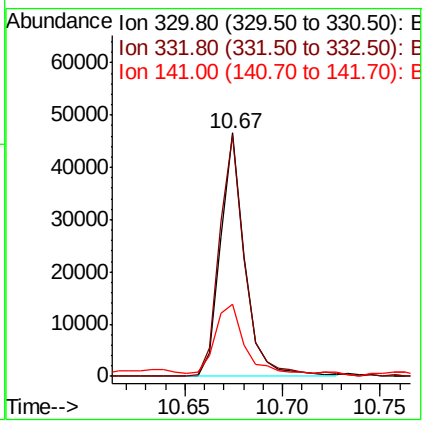


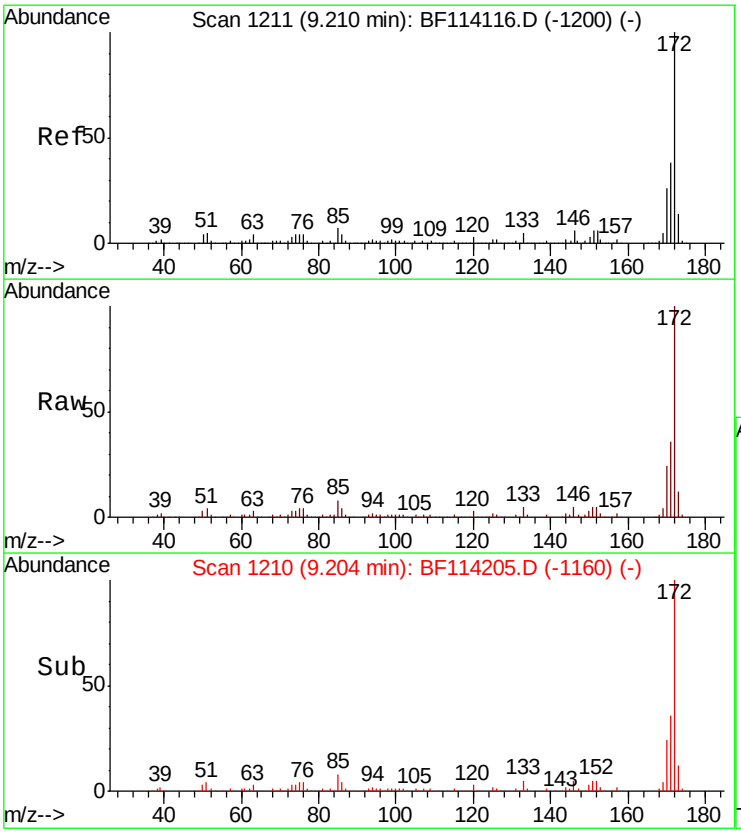
#42
2,4,6-Tribromophenol
Concen: 8.635 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion:330 Resp: 40411

Ion	Ratio	Lower	Upper
330	100		
332	104.0	81.4	122.2
141	36.8	26.6	40.0

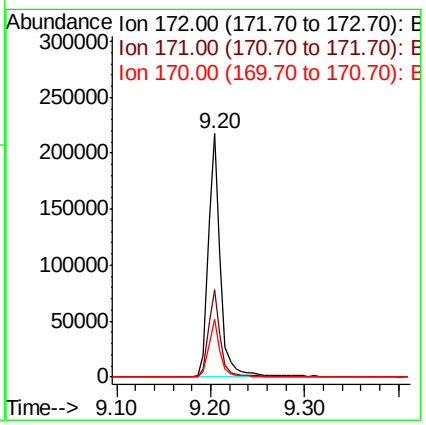


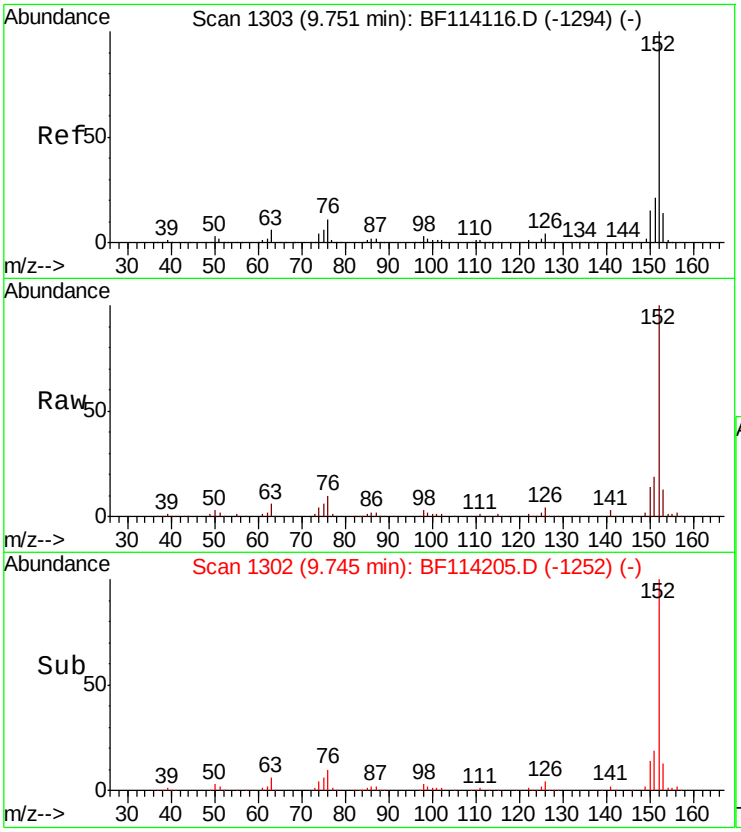


#45
2-Fluorobiphenyl
Concen: 6.674 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion:172 Resp: 199736

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.7	46.1
170	24.0	20.5	30.7



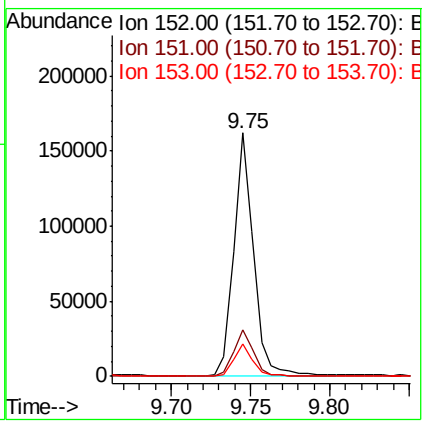


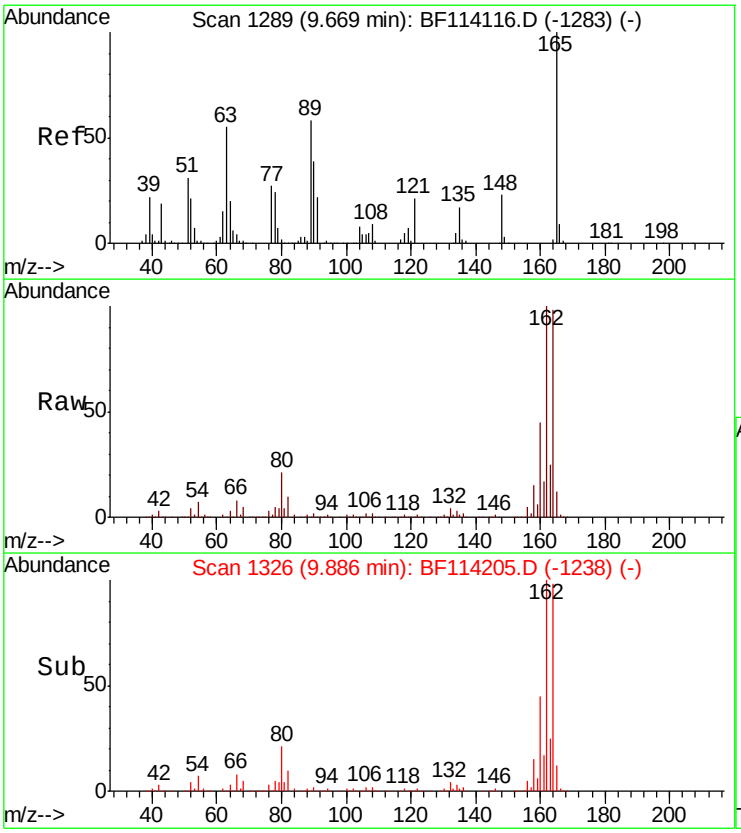
#49
Acenaphthylene
Concen: 3.175 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion:152 Resp: 142114

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.8	25.2
153	13.2	11.4	17.2

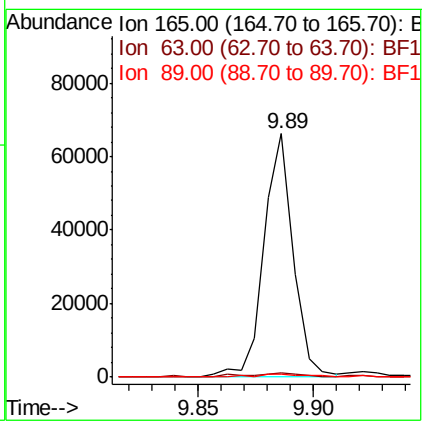


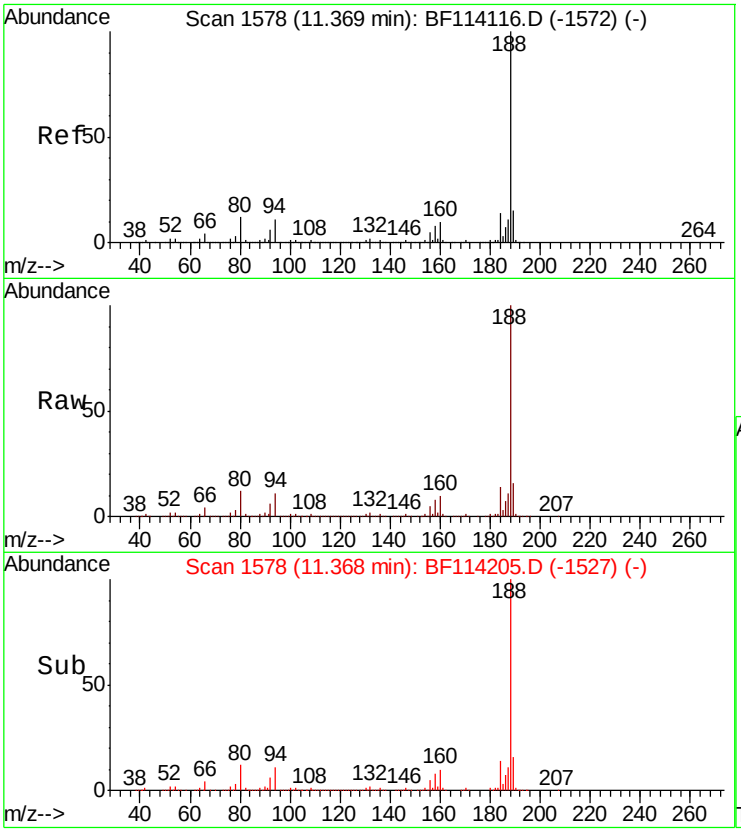


#51
2,6-Dinitrotoluene
Concen: 7.949 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.22 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion:165 Resp: 58593

Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.2	75.4#
89	1.2	46.6	69.8#



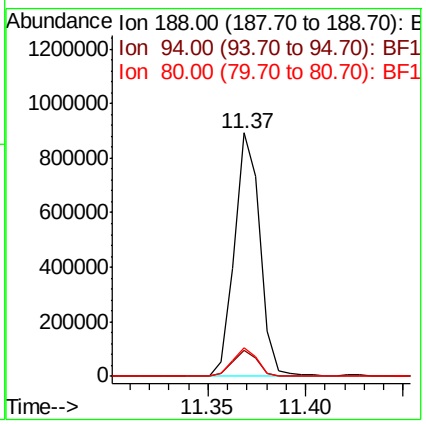


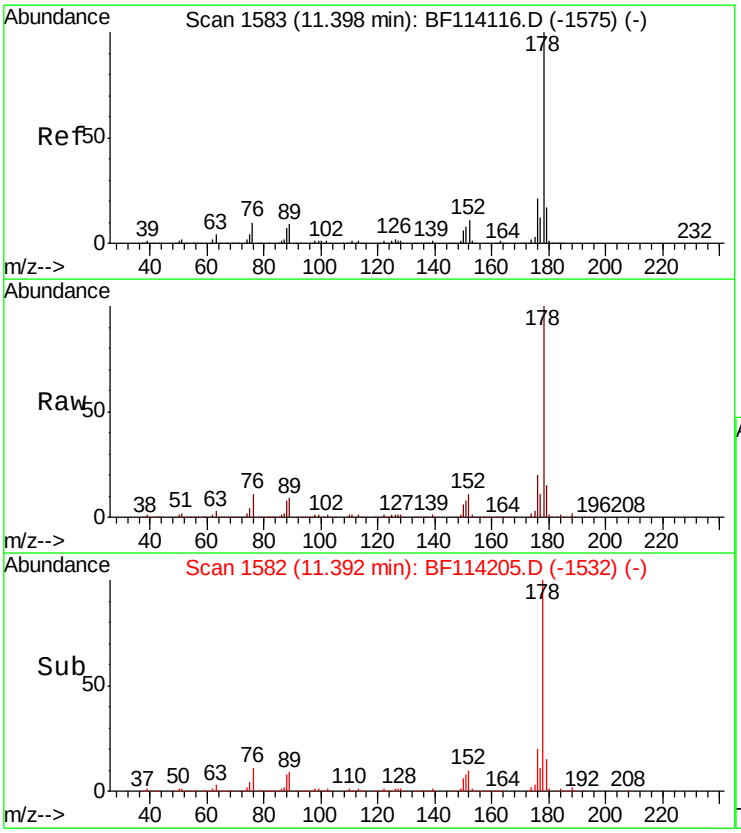
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion:188 Resp: 806093

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.4	12.6
80	11.7	9.2	13.8

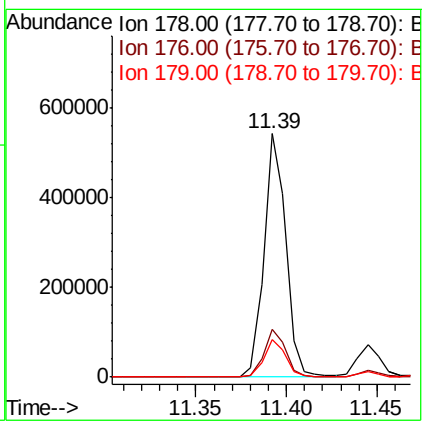


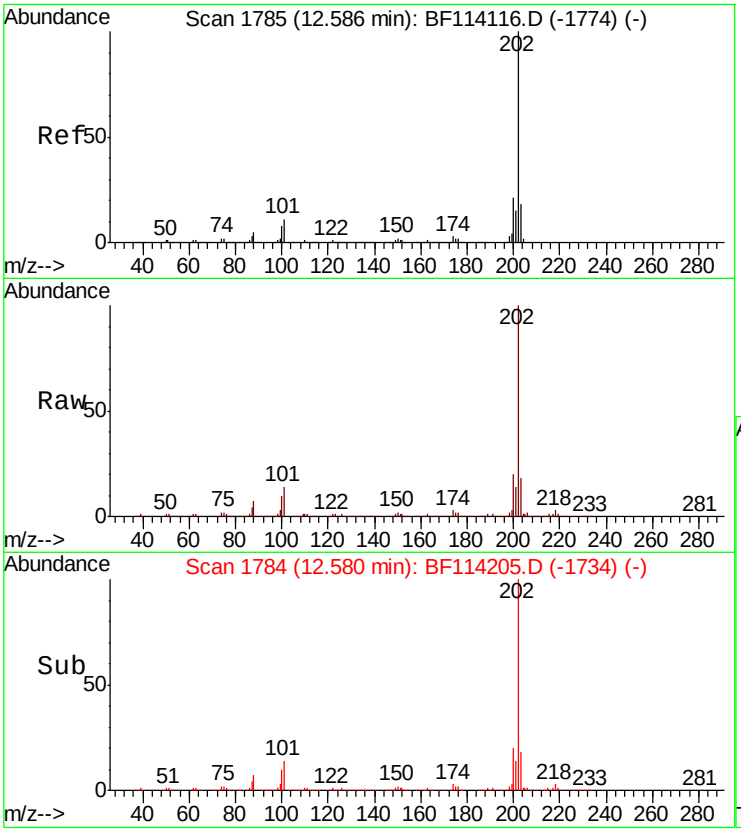


#71
Phenanthrene
Concen: 11.590 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion:178 Resp: 454535

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.4	24.6
179	15.4	13.2	19.8



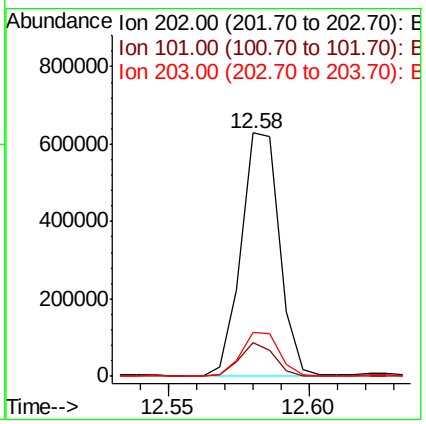


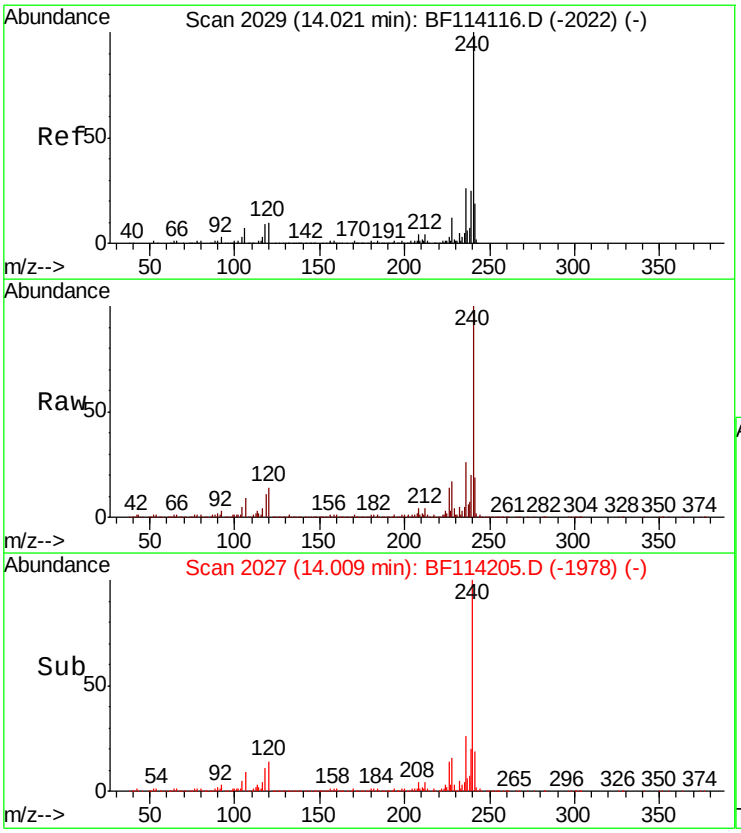
#75
Fluoranthene
Concen: 14.036 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion:202 Resp: 592751

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	31.0
203	18.2	0.0	38.4

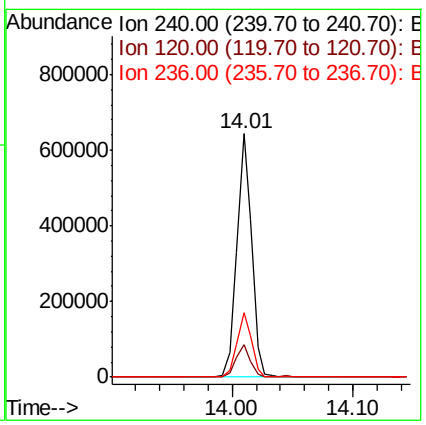


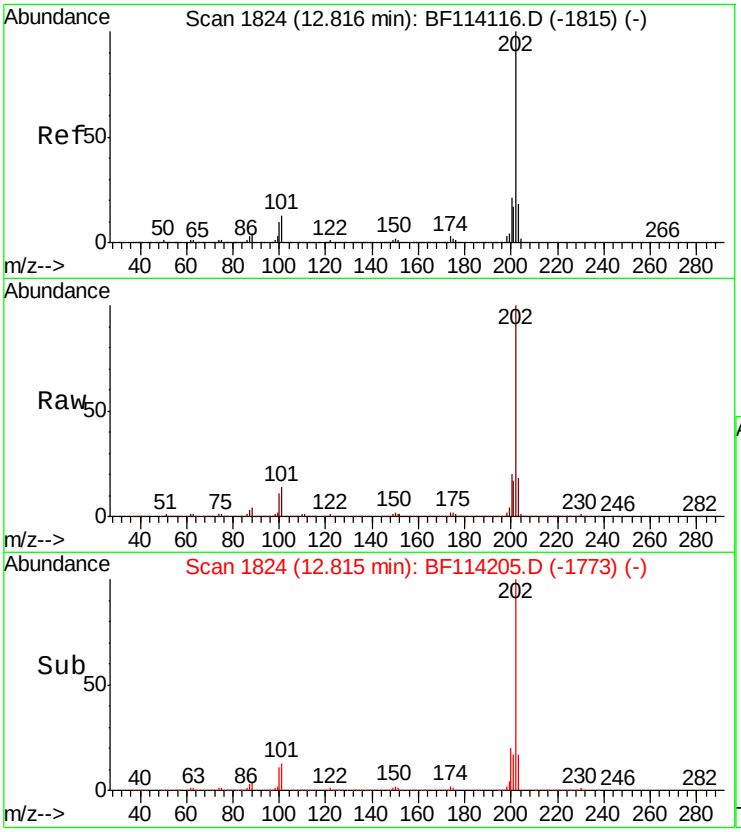


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion:240 Resp: 550748

Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.3	12.5#
236	26.4	20.8	31.2



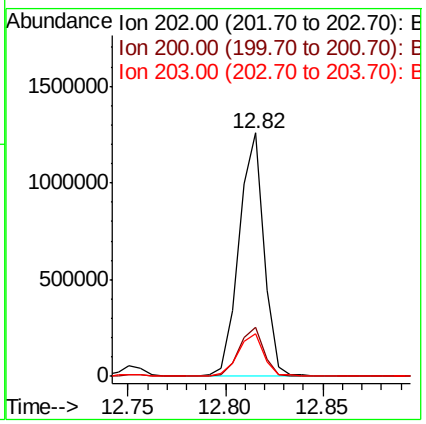


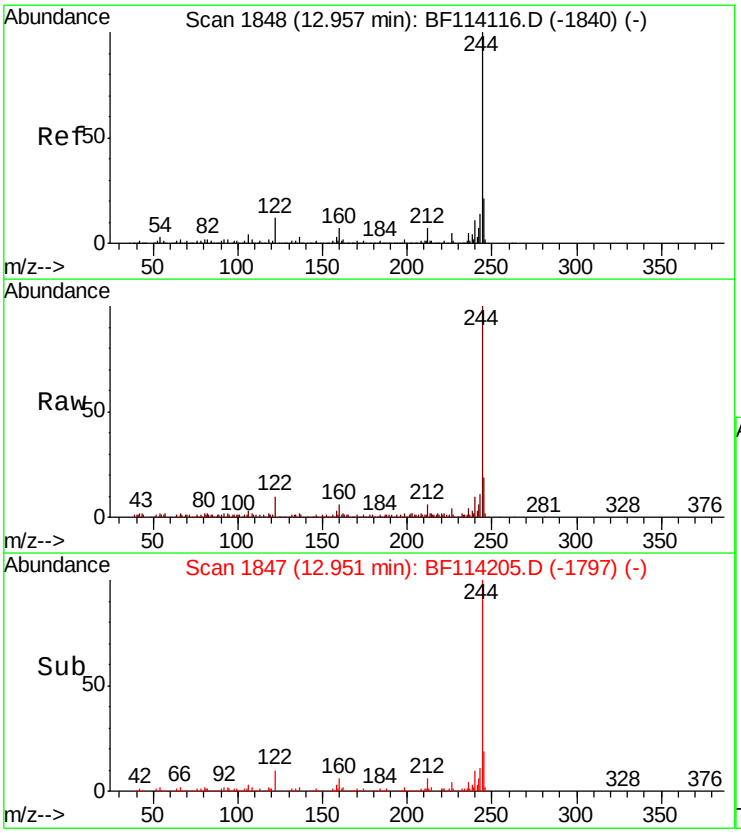
#78
Pyrene
Concen: 24.984 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion:202 Resp: 1106922

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.9	25.3
203	17.5	14.5	21.7

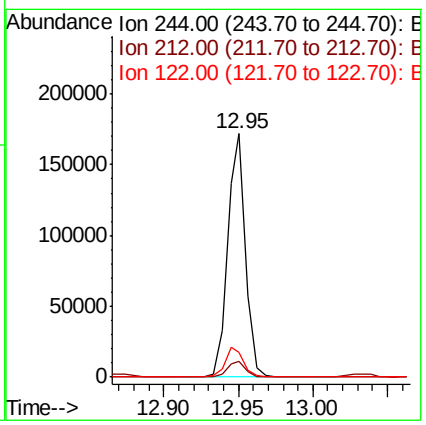


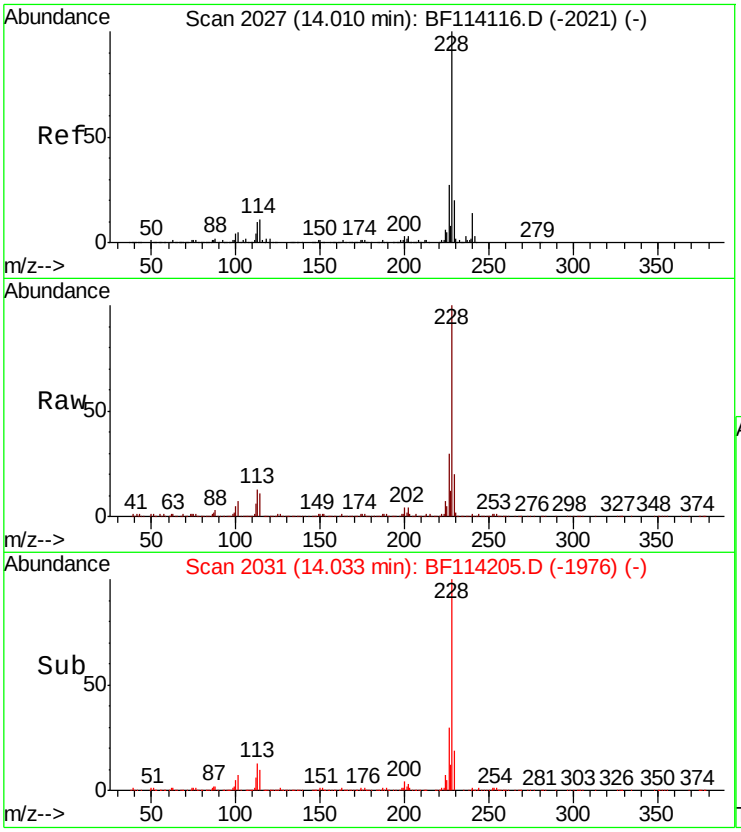


#79
Terphenyl-d14
Concen: 5.459 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion:244 Resp: 145854

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	10.2	9.4	14.2



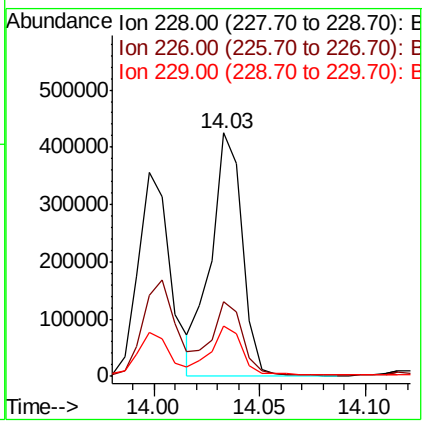


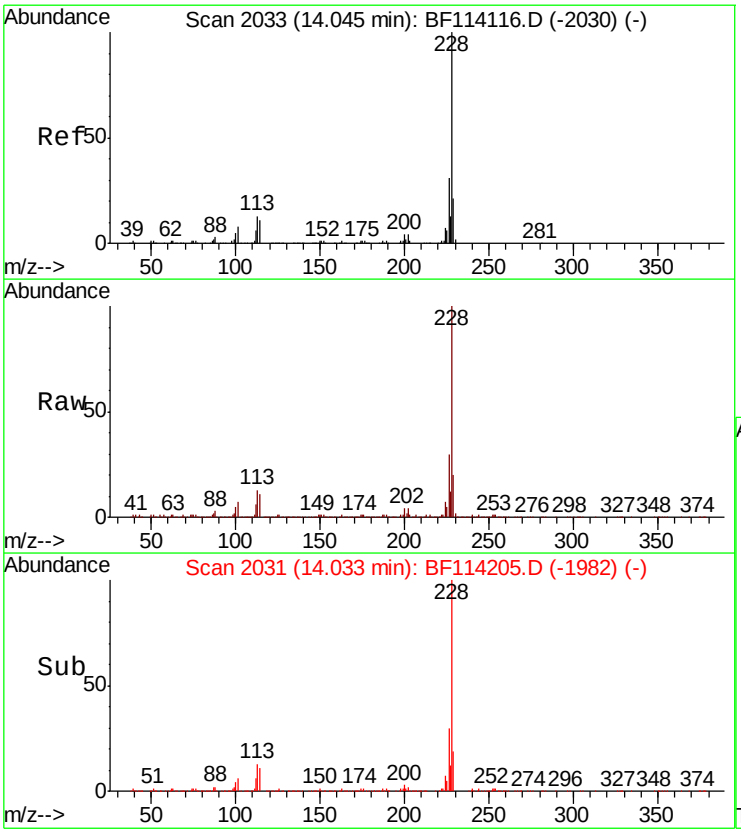
#81
Benzo(a)anthracene
Concen: 12.186 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion:228 Resp: 434084

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.2	33.2
229	20.4	16.4	24.6

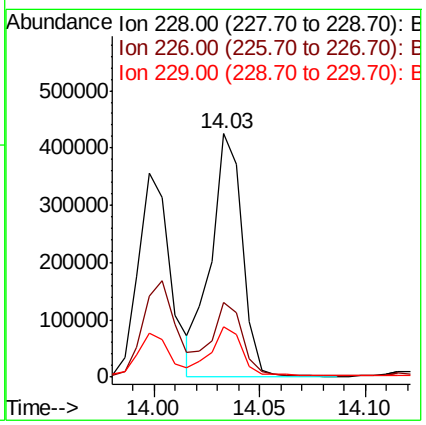


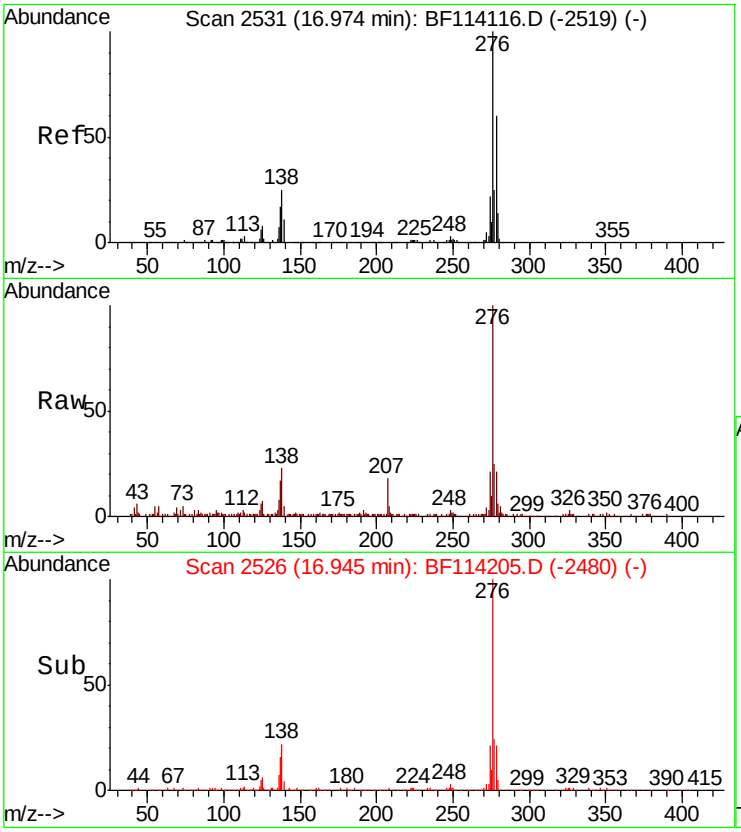


#83
Chrysene
Concen: 12.431 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion:228 Resp: 434084

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.4	17.0	25.6



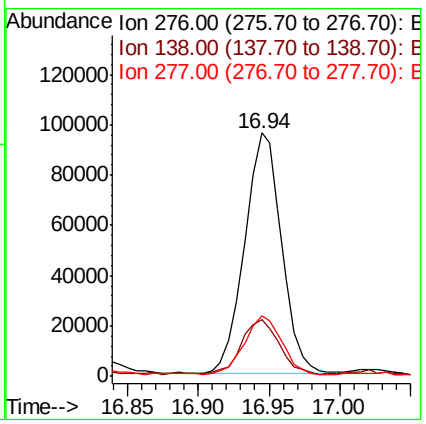


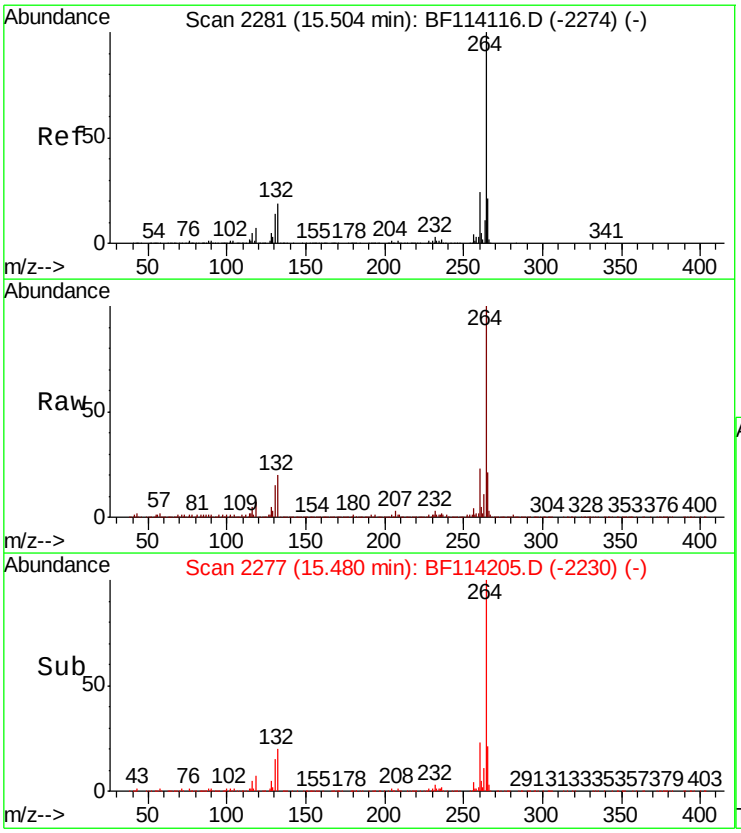
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.693 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.03 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion:276 Resp: 175693

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.2	30.2
277	24.4	20.0	30.0

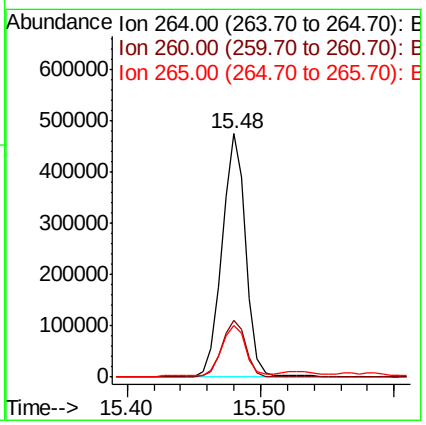


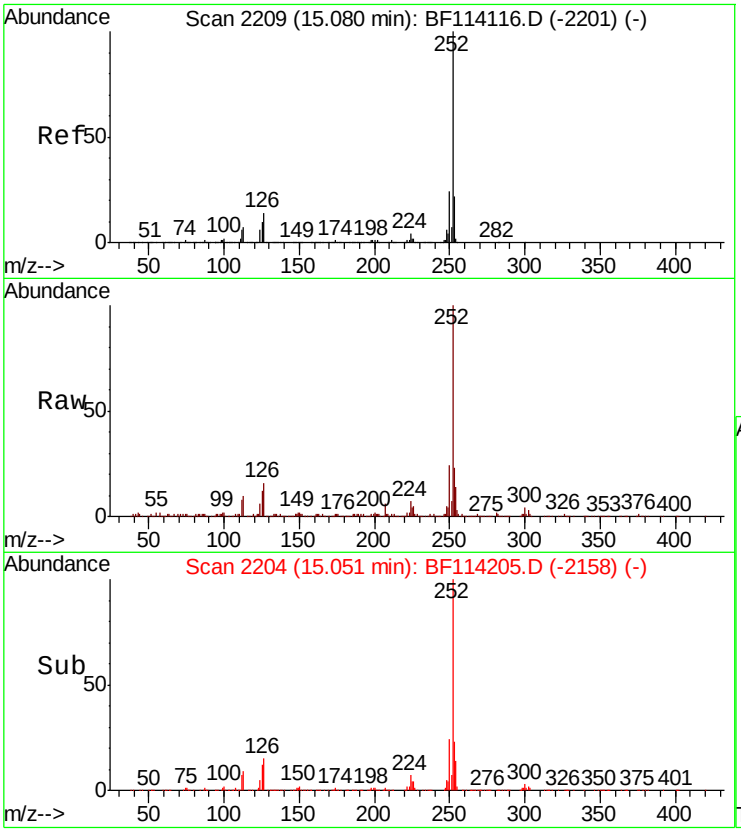


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion:264 Resp: 590411

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.4	16.9	25.3



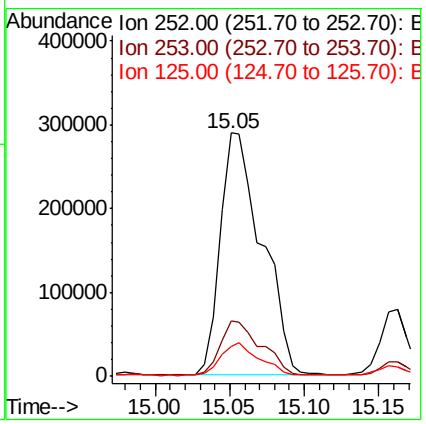


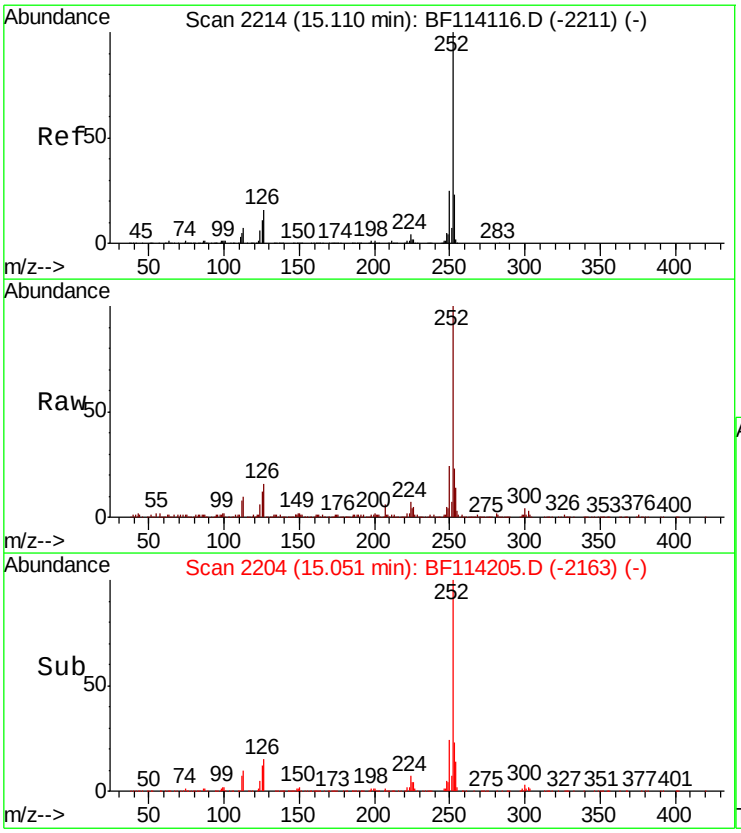
#88
Benzo(b)fluoranthene
Concen: 14.924 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion:252 Resp: 564520

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	12.2	8.3	12.5

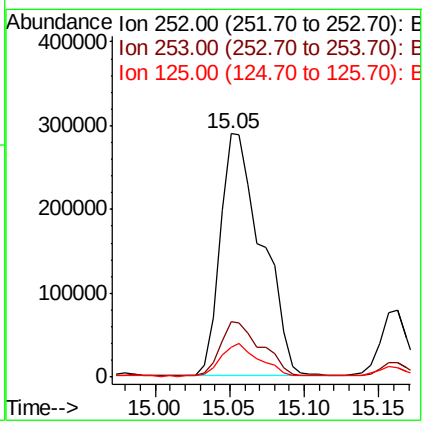


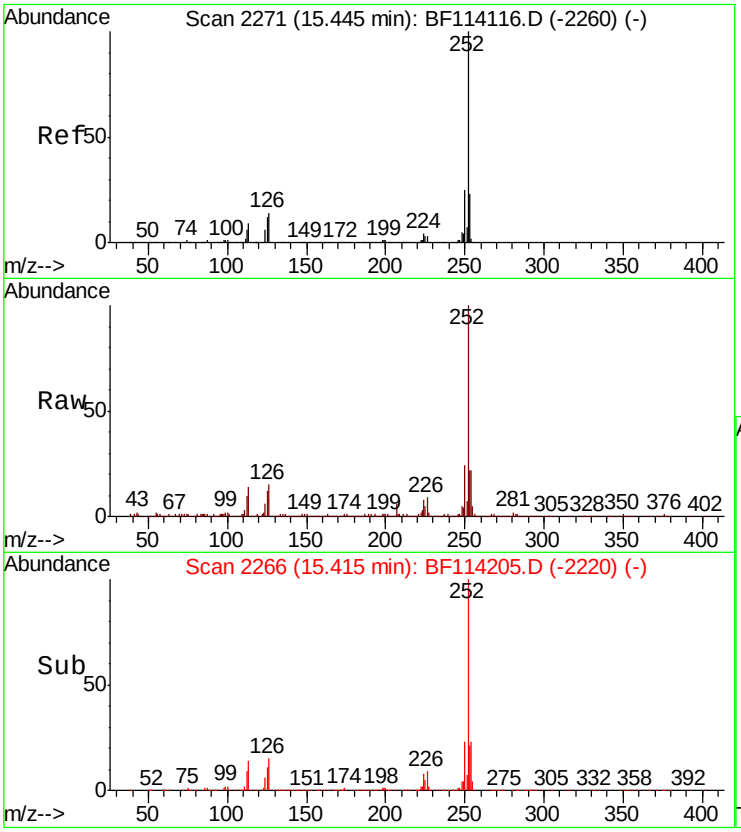


#89
Benzo(k)fluoranthene
Concen: 16.247 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.06 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion:252 Resp: 564520

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	12.2	8.6	13.0



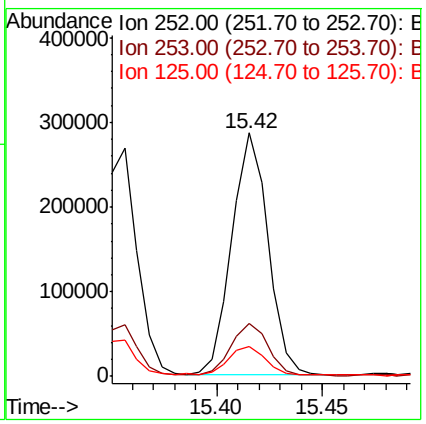


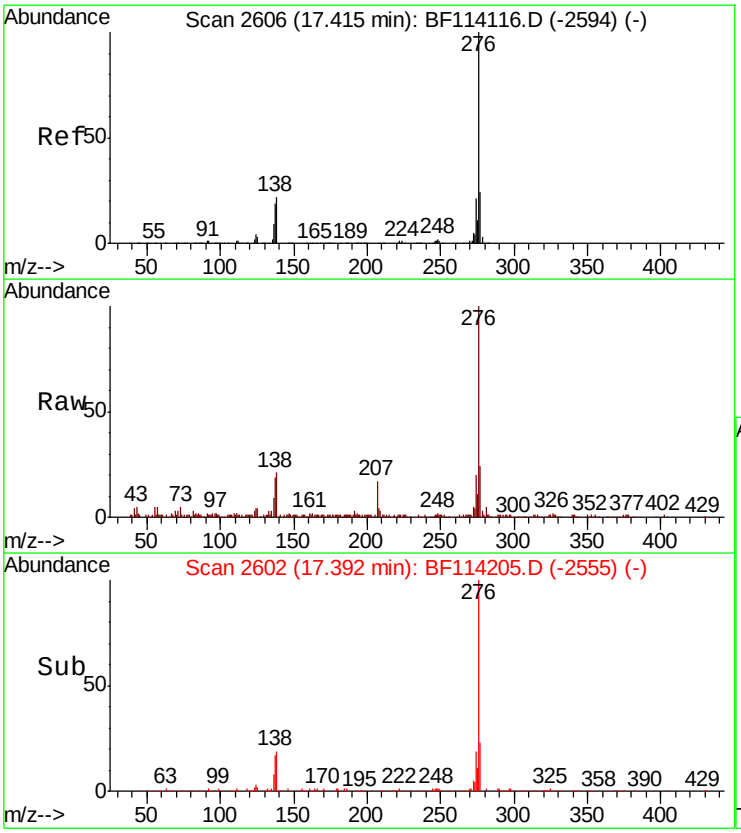
#90
Benzo(a)pyrene
Concen: 10.222 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

Tgt Ion:252 Resp: 340289

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	12.1	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 7.338 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF114205.D
Acq: 12 May 2019 20:50

Tgt Ion:276 Resp: 203423

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	21.2	17.8	26.6