Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112972.D
Acq On : 11 Mar 2019 23:17
Operator : JU/SJ
Sample : K1691-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-030819-B

Quant Time: Mar 12 04:43:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	164970	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	633809	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	385819	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	799425	20.00	ng		0.00
76) Chrysene-d12	13.86	240	539371	20.00	ng		-0.01
87) Perylene-d12	15.27	264	469377	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	162307	15.30	ng		-0.02
7) Phenol-d6	6.36	99	231521	17.38	ng		-0.01
23) Nitrobenzene-d5	7.29	82	126988	11.99	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	93633	22.86	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	301714	9.28	ng		-0.01
79) Terphenyl-d14	12.82	244	316425	11.37	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.29	82	124586	5.460	ng	#	66
51) 2,6-Dinitrotoluene	9.76	165	51651	8.719	ng	#	19
58) Fluorene	10.31	166	104287	4.144	ng		99
71) Phenanthrene	11.26	178	708204	17.805	ng		99
72) Anthracene	11.32	178	267088	6.415	ng		97
75) Fluoranthene	12.45	202	763099	17.907	ng		98
78) Pyrene	12.67	202	614763	13.520	ng		99
81) Benzo(a)anthracene	13.86	228	261665	7.000	ng		99
83) Chrysene	13.89	228	227388	6.210	ng		95
86) Indeno(1,2,3-cd)pyrene	16.63	276	76750	2.459	ng	#	92
88) Benzo(b)fluoranthene	14.87	252	334616	11.021	ng		98
89) Benzo(k)fluoranthene	14.87	252	334616	12.168	ng		98
90) Benzo(a)pyrene	15.21	252	176818	6.584	ng		99
92) Benzo(g,h,i)perylene	17.04	276	67192	2.920	ng		100

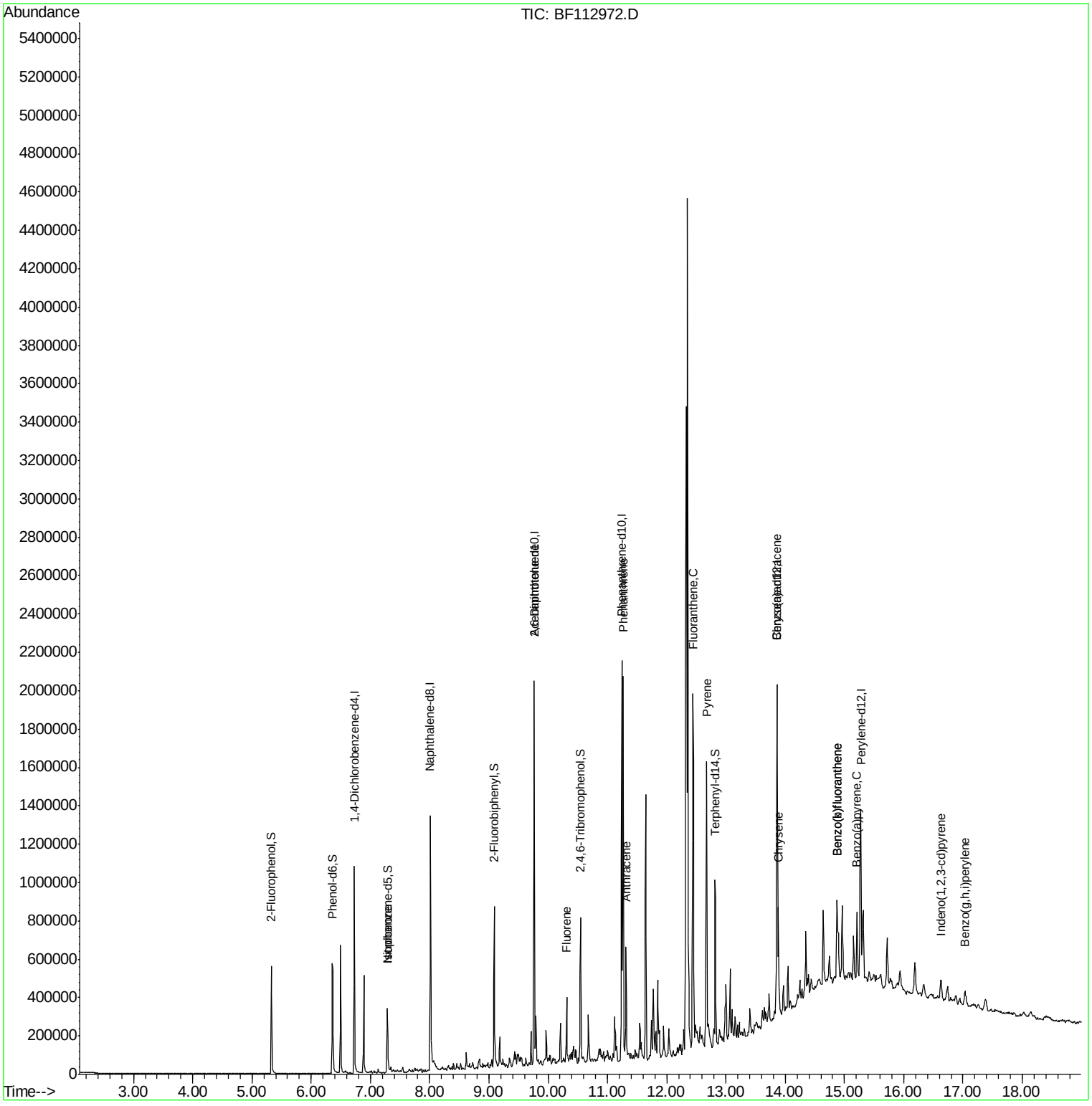
(#) = qualifier out of range (m) = manual integration (+) = signals summed

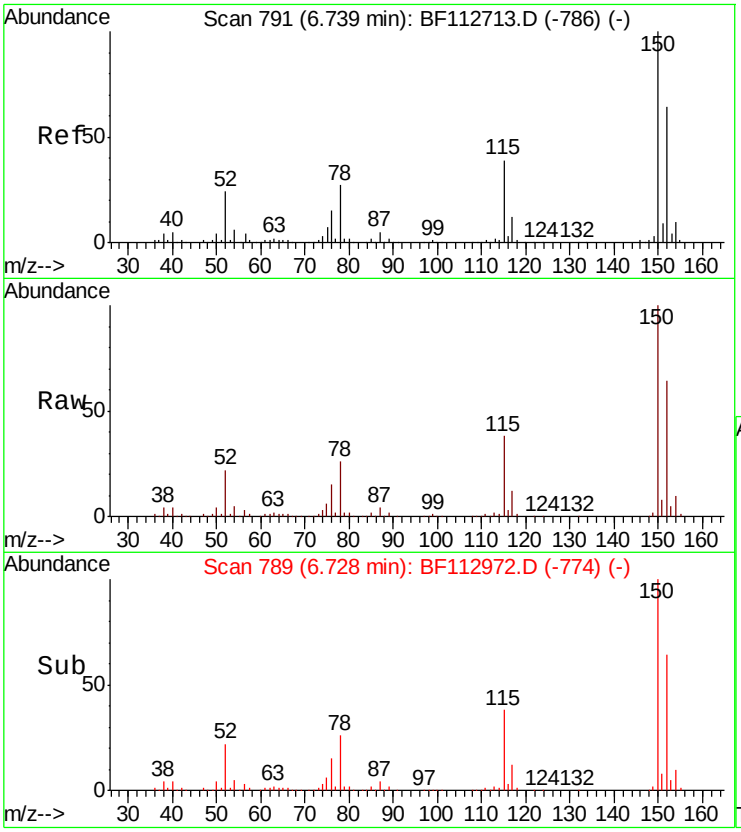
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112972.D
Acq On : 11 Mar 2019 23:17
Operator : JU/SJ
Sample : K1691-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Quant Time: Mar 12 04:43:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



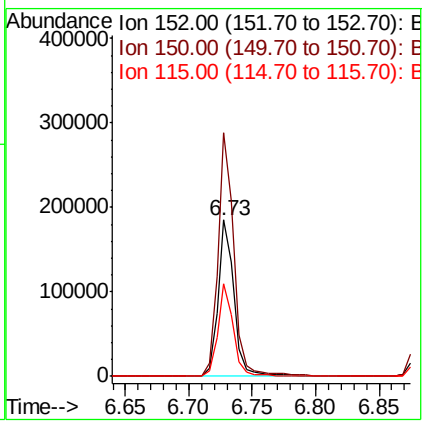


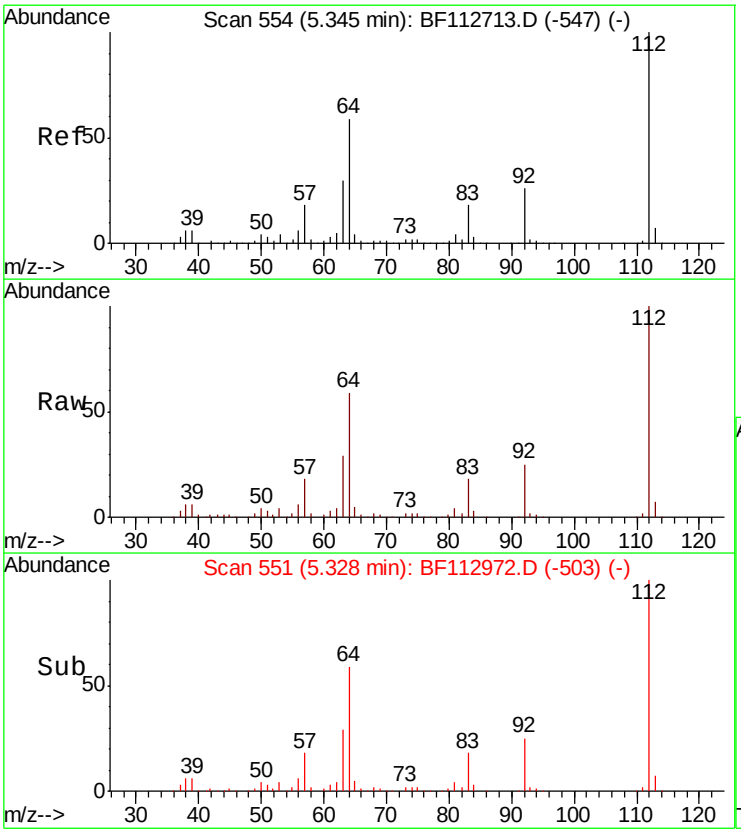
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion:152 Resp: 164970

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	59.2	48.2	72.4

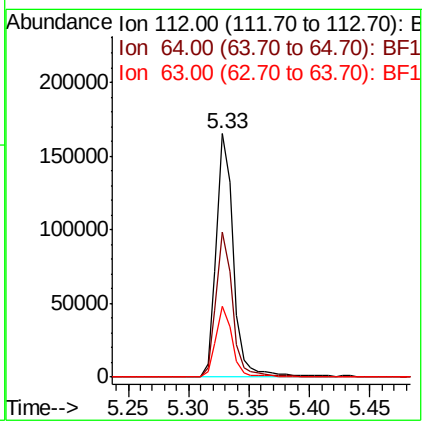


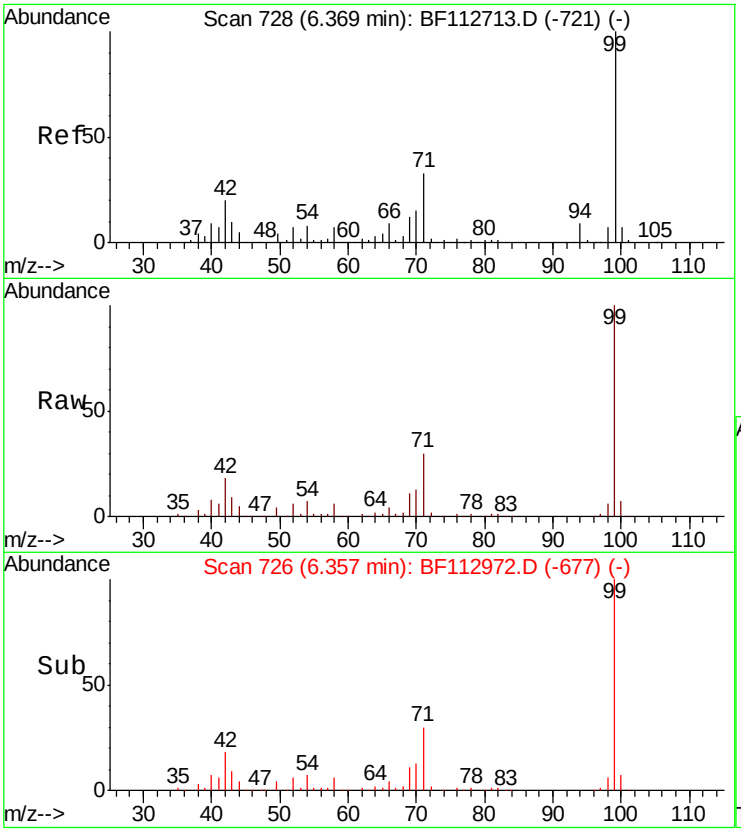


#5
2-Fluorophenol
Concen: 15.304 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion:112 Resp: 162307

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	29.0	24.4	36.6



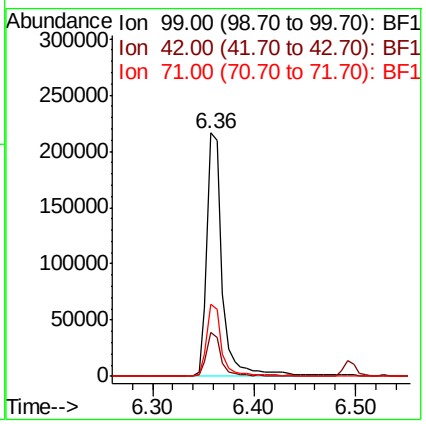


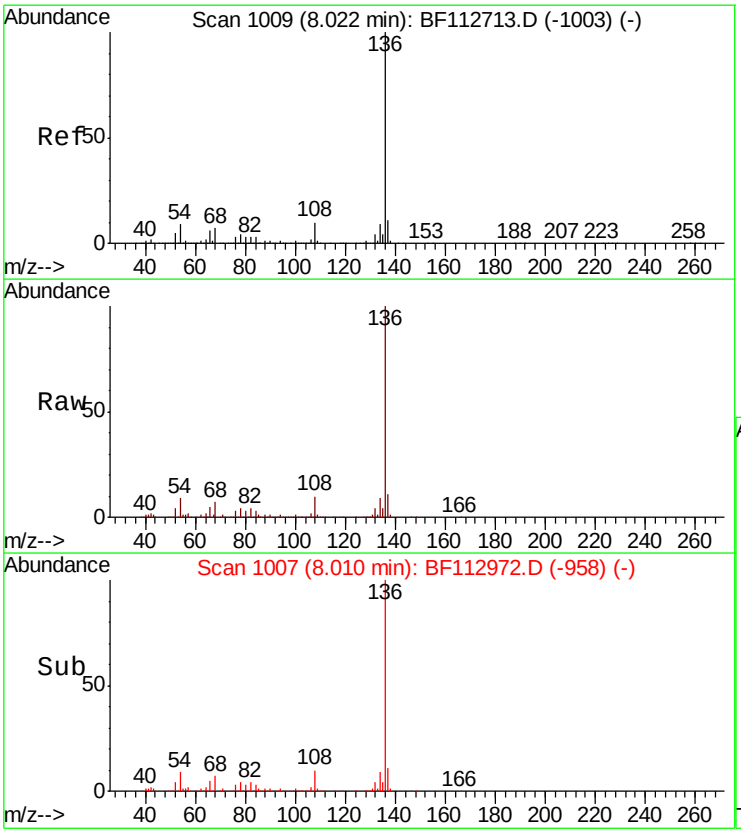
#7
Phenol-d6
Concen: 17.379 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion: 99 Resp: 231521

Ion	Ratio	Lower	Upper
99	100		
42	18.0	16.3	24.5
71	29.9	26.2	39.4

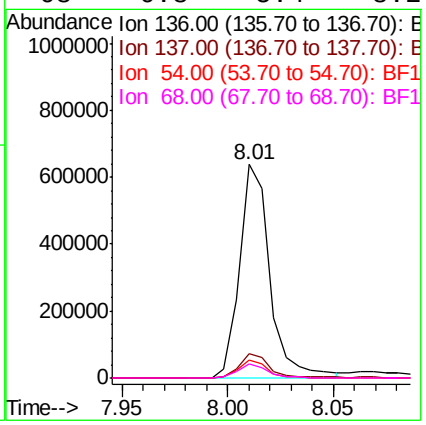


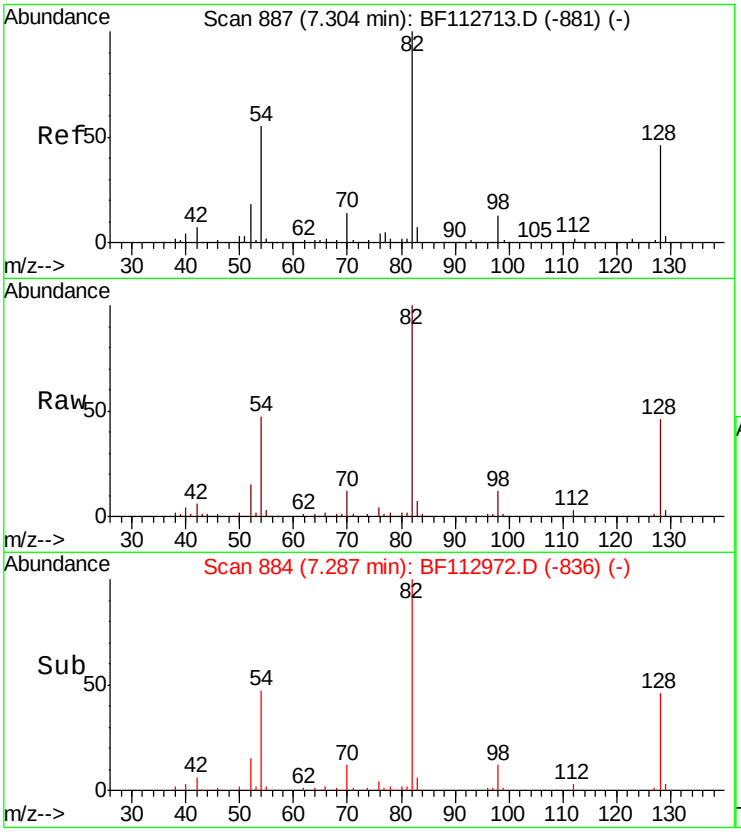


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion:136 Resp: 633809

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.6	7.3	10.9
68	6.8	5.4	8.2



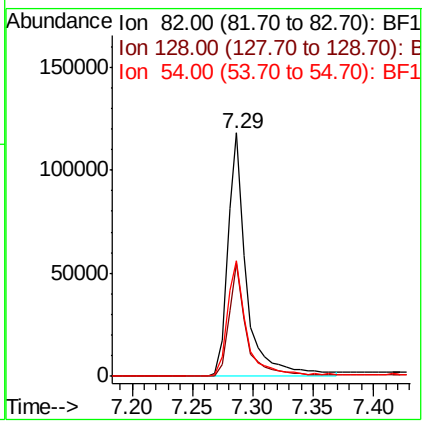


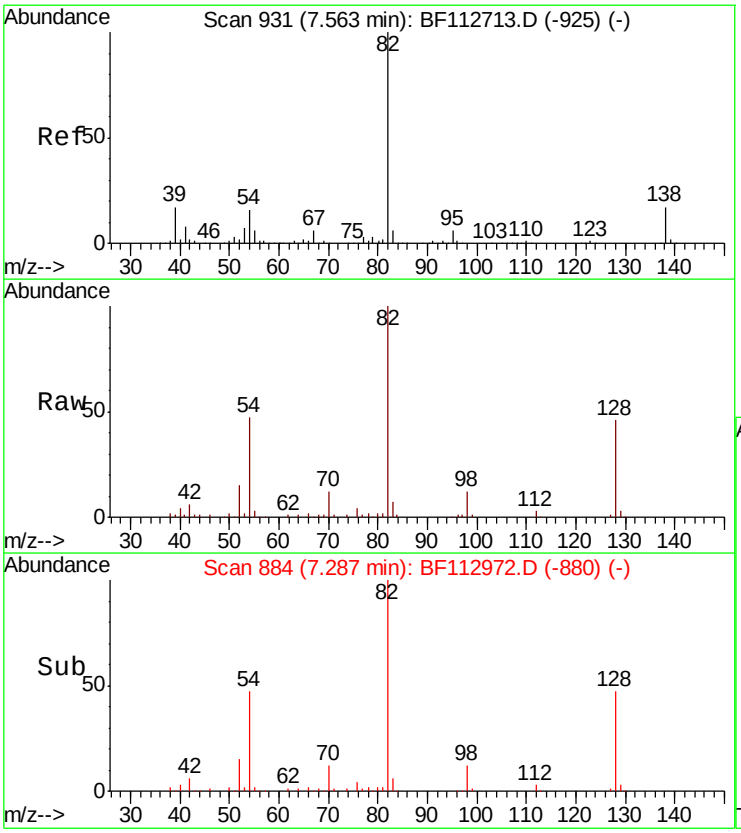
#23
Nitrobenzene-d5
Concen: 11.989 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion: 82 Resp: 126988

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	47.4	43.7	65.5

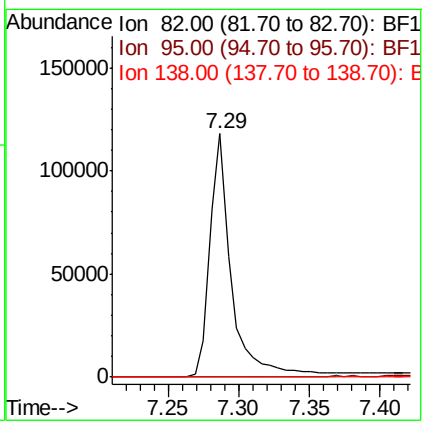


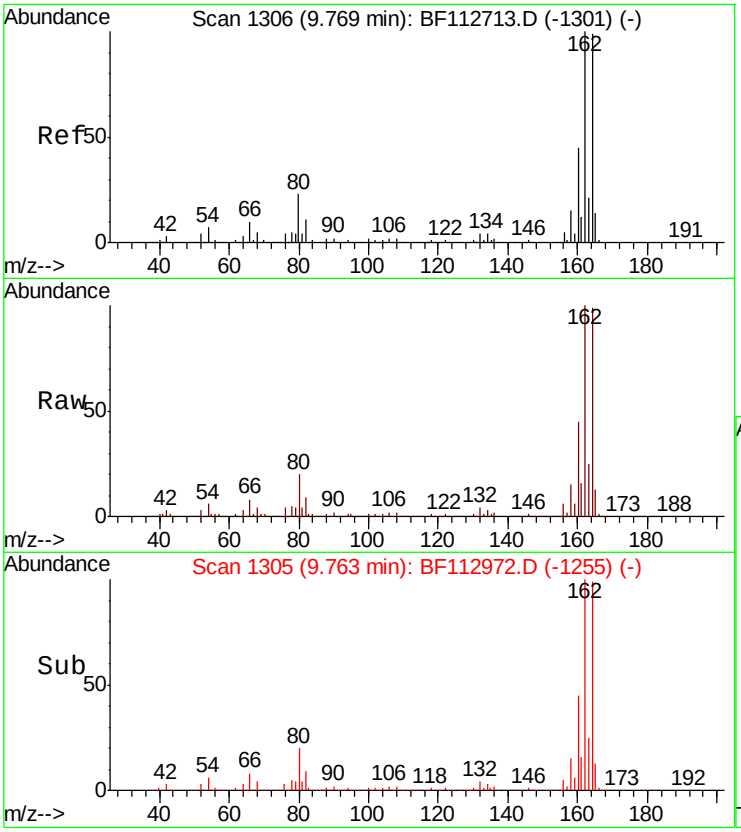


#25
Isophorone
Concen: 5.460 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion: 82 Resp: 124586

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	13.8	20.8#



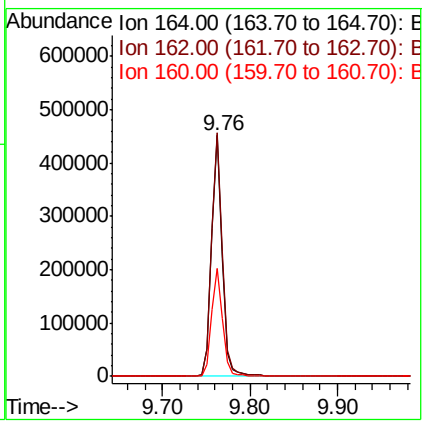


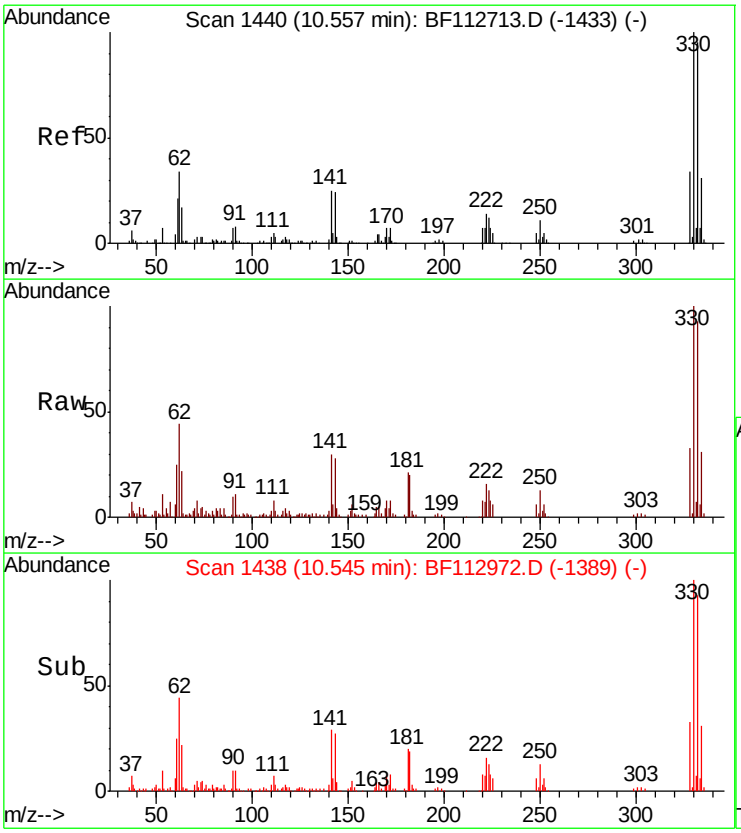
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion:164 Resp: 385819

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	45.1	36.0	54.0

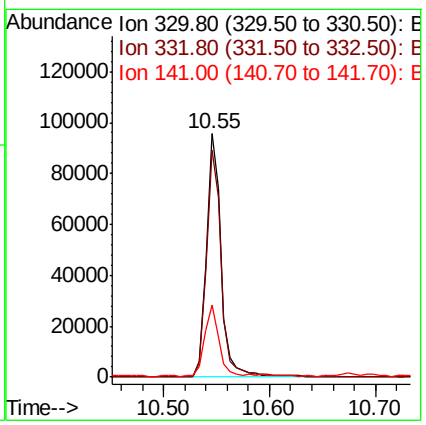


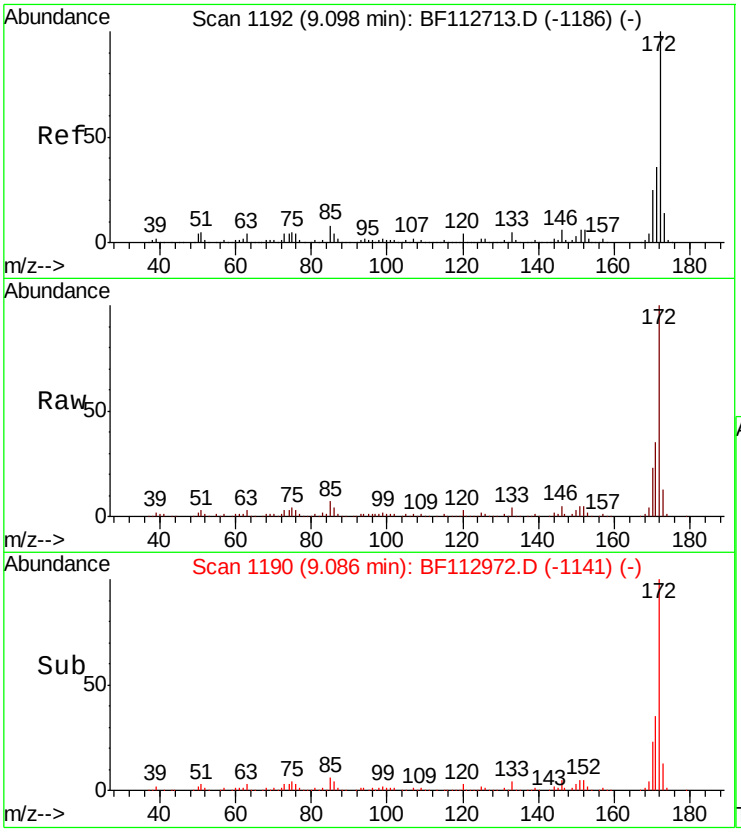


#42
2,4,6-Tribromophenol
Concen: 22.860 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion:330 Resp: 93633

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.2	114.4
141	29.0	27.0	40.6



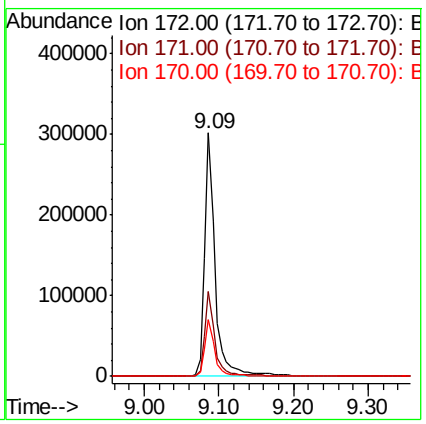


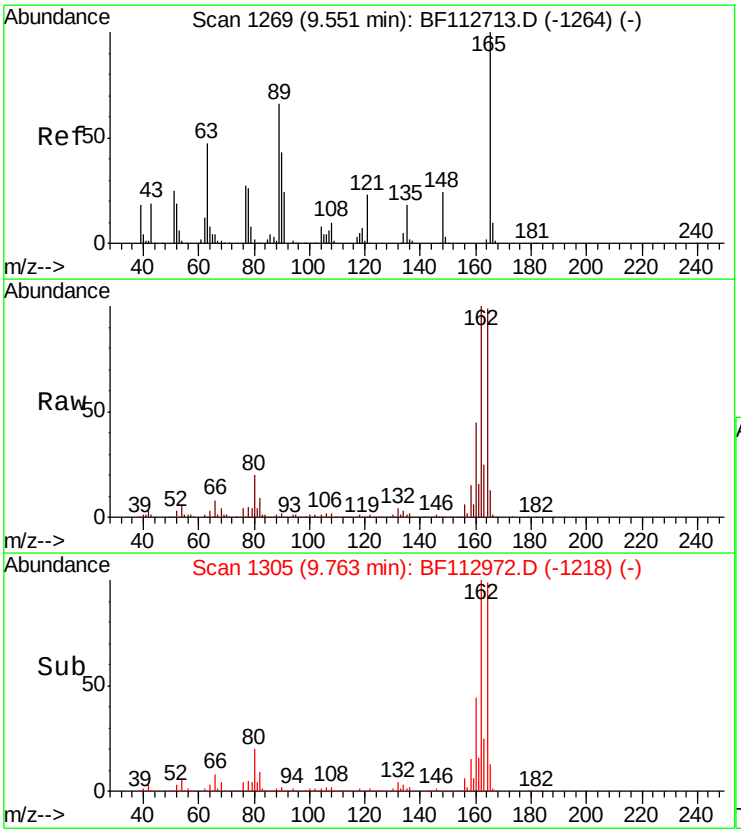
#45
2-Fluorobiphenyl
Concen: 9.279 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion:172 Resp: 301714

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.4
170	23.3	20.0	30.0

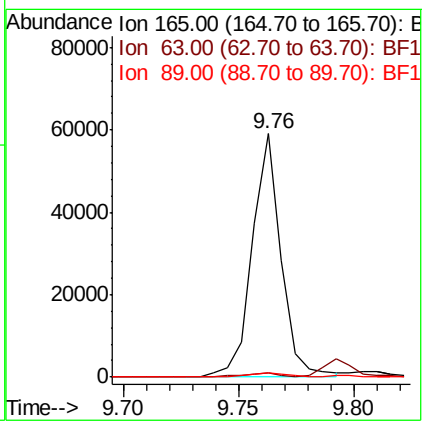


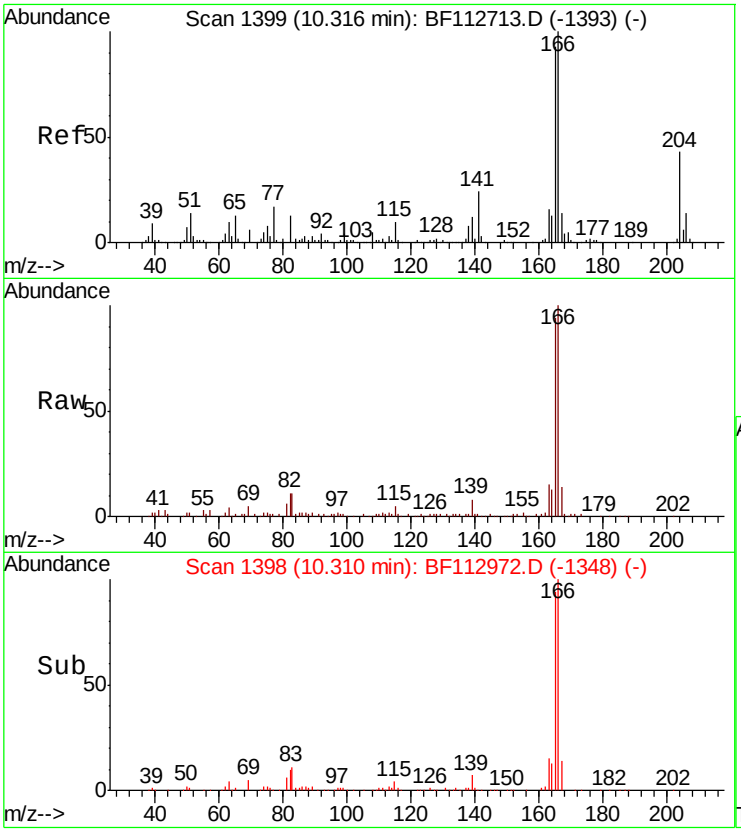


#51
2,6-Dinitrotoluene
Concen: 8.719 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion:165 Resp: 51651

Ion	Ratio	Lower	Upper
165	100		
63	1.7	54.1	81.1#
89	1.5	52.8	79.2#



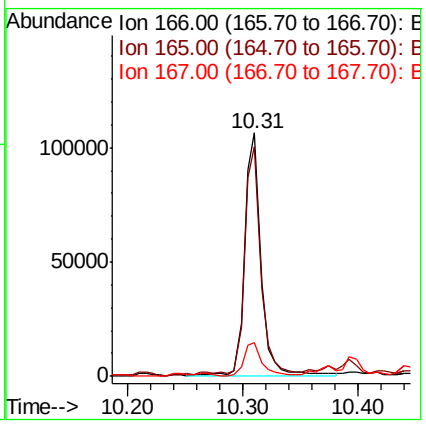


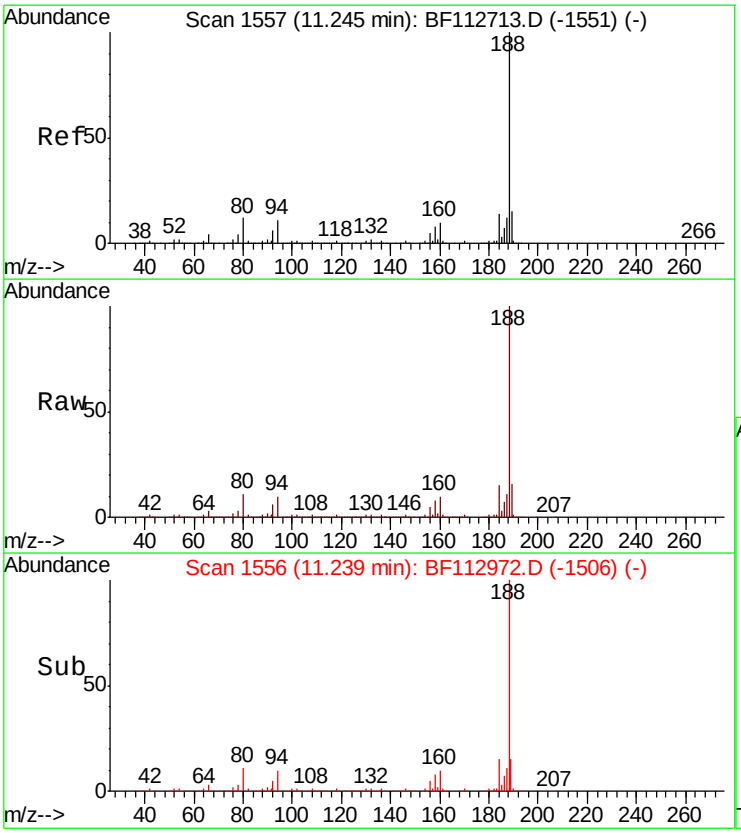
#58
Fluorene
Concen: 4.144 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion:166 Resp: 104287

Ion	Ratio	Lower	Upper
166	100		
165	94.3	74.7	112.1
167	13.7	11.0	16.6

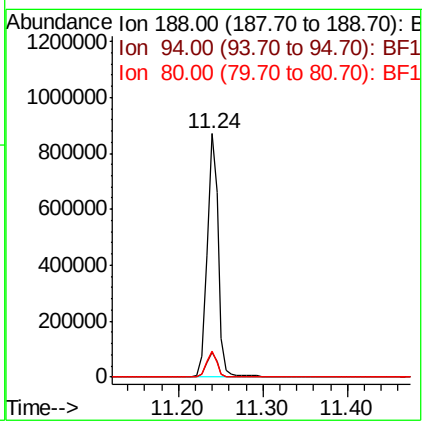


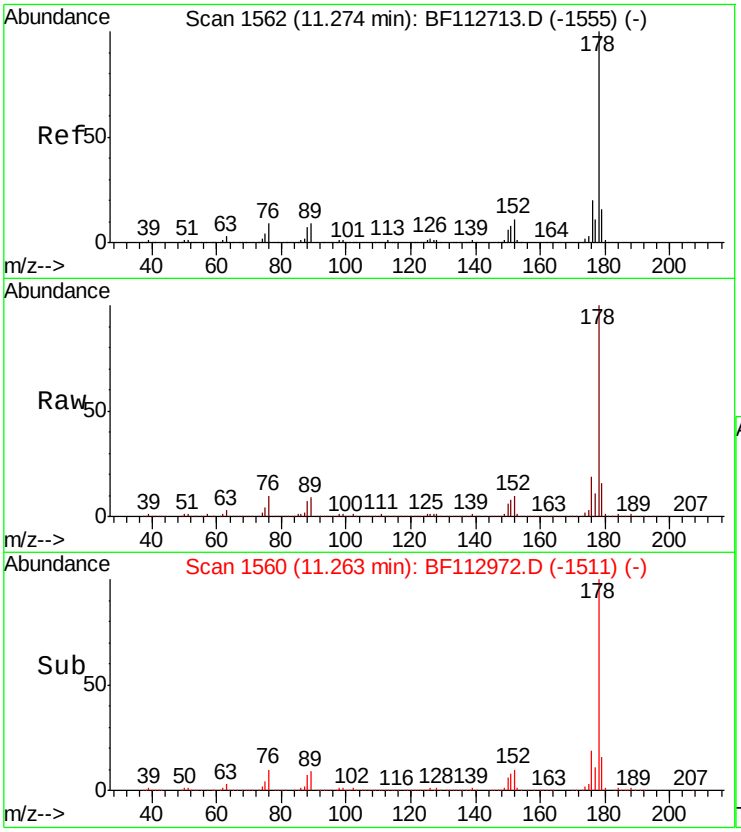


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion:188 Resp: 799425

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.4
80	10.6	9.2	13.8



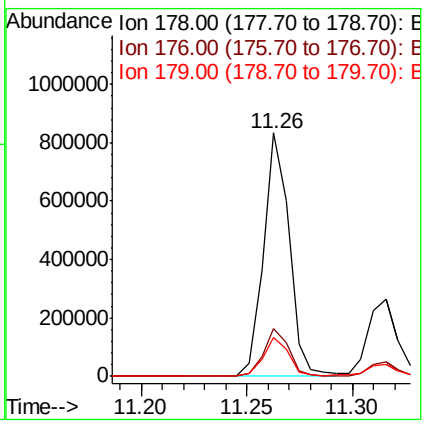


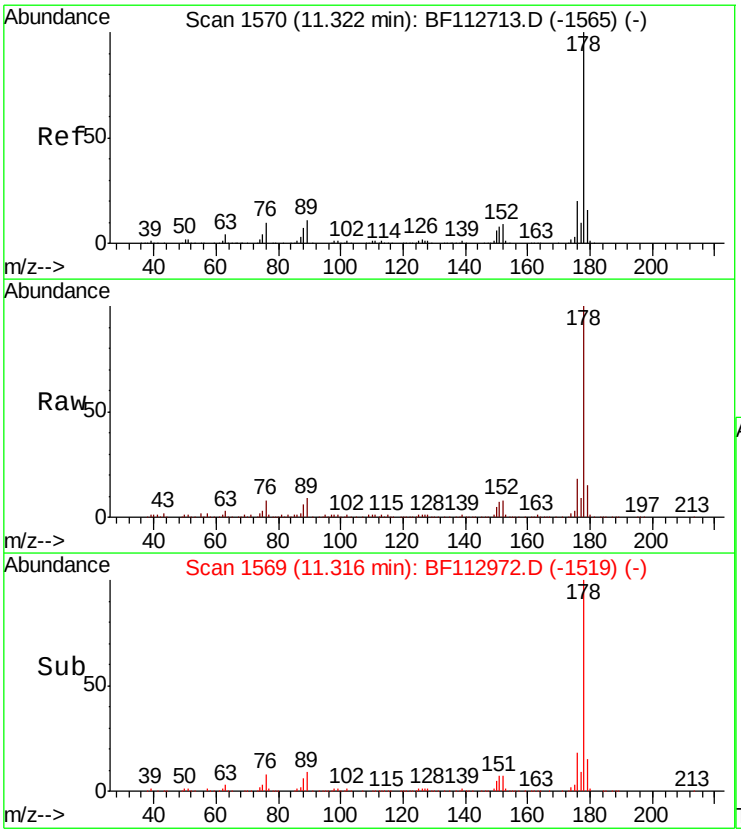
#71
Phenanthrene
Concen: 17.805 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion:178 Resp: 708204

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	15.7	12.7	19.1

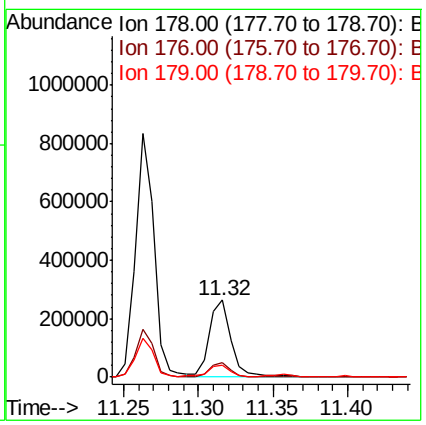


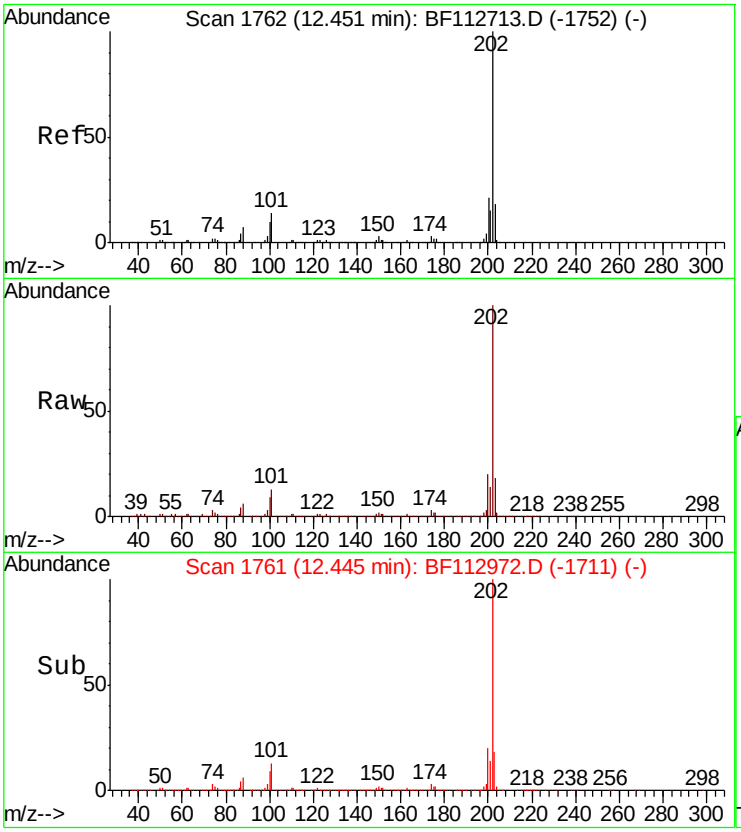


#72
Anthracene
Concen: 6.415 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion:178 Resp: 267088

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.6
179	15.4	13.0	19.6



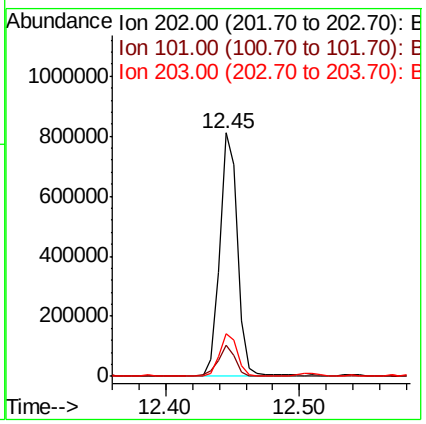


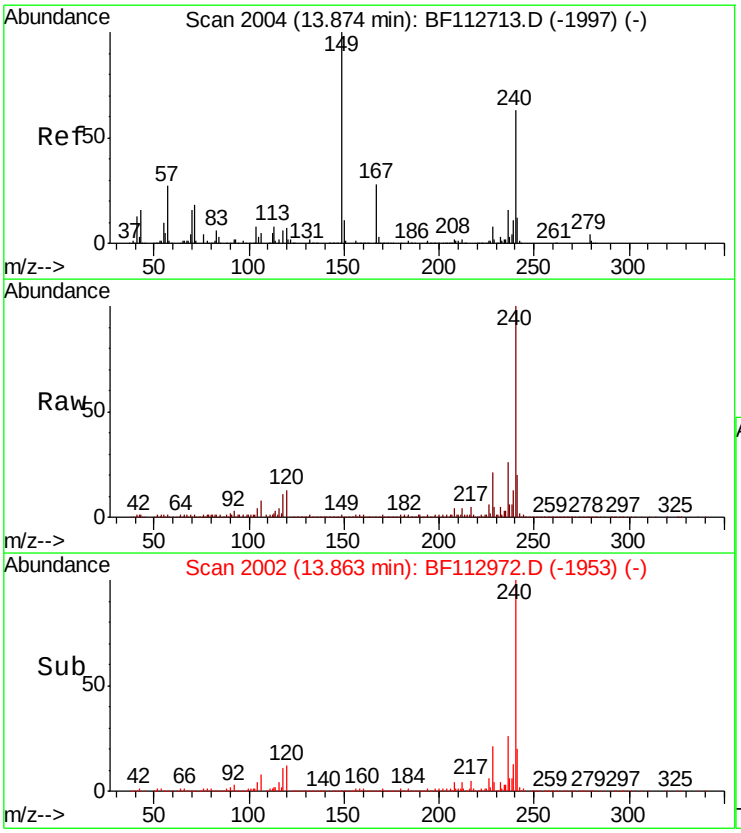
#75
Fluoranthene
Concen: 17.907 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion:202 Resp: 763099

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.8
203	17.7	0.0	38.4

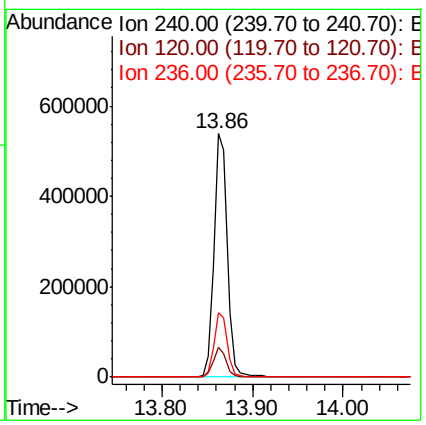


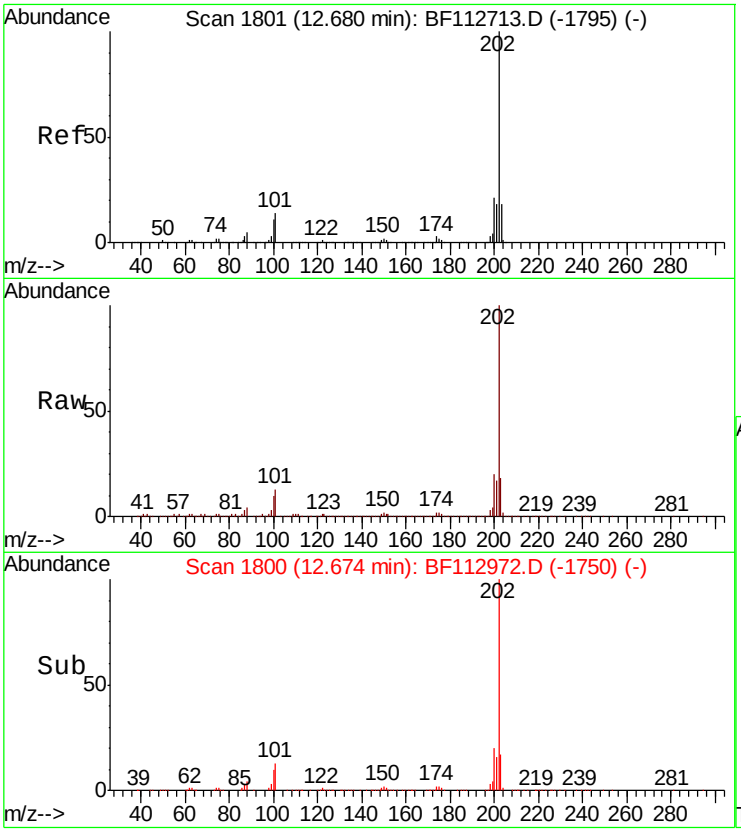


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion:240 Resp: 539371

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.9	13.3
236	26.3	20.7	31.1



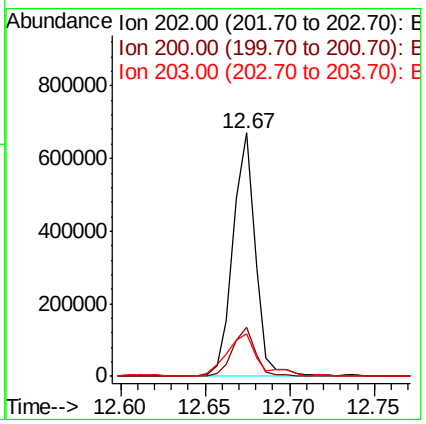


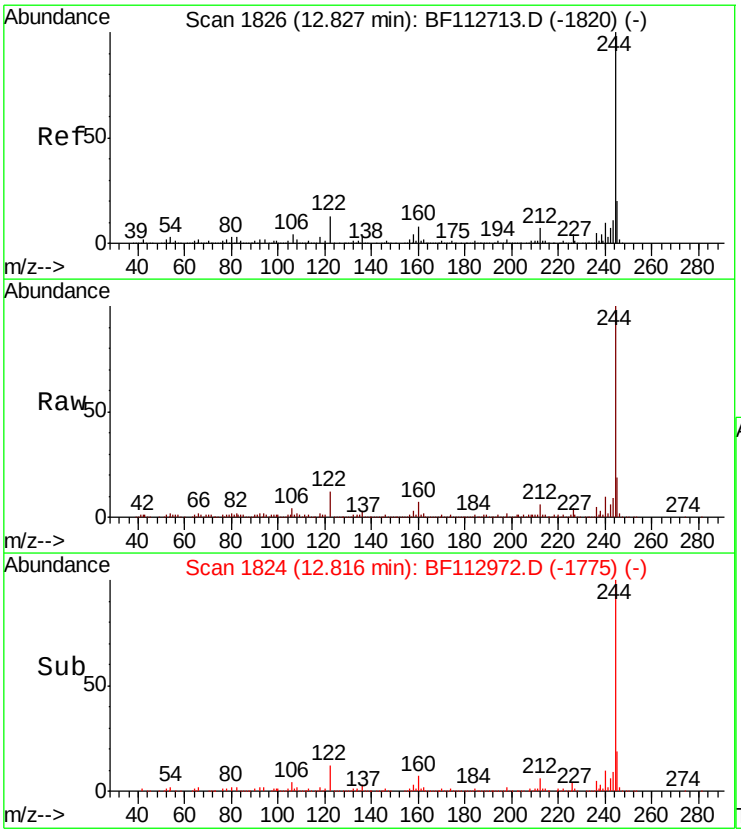
#78
Pyrene
Concen: 13.520 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion:202 Resp: 614763

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.4
203	17.7	14.4	21.6

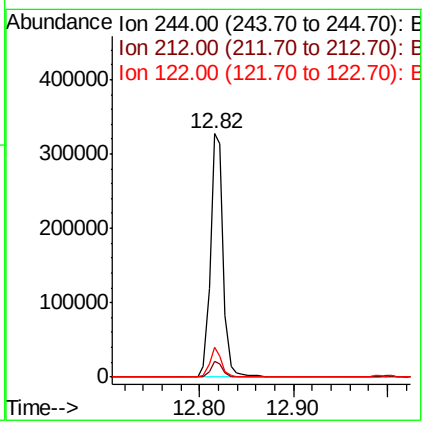


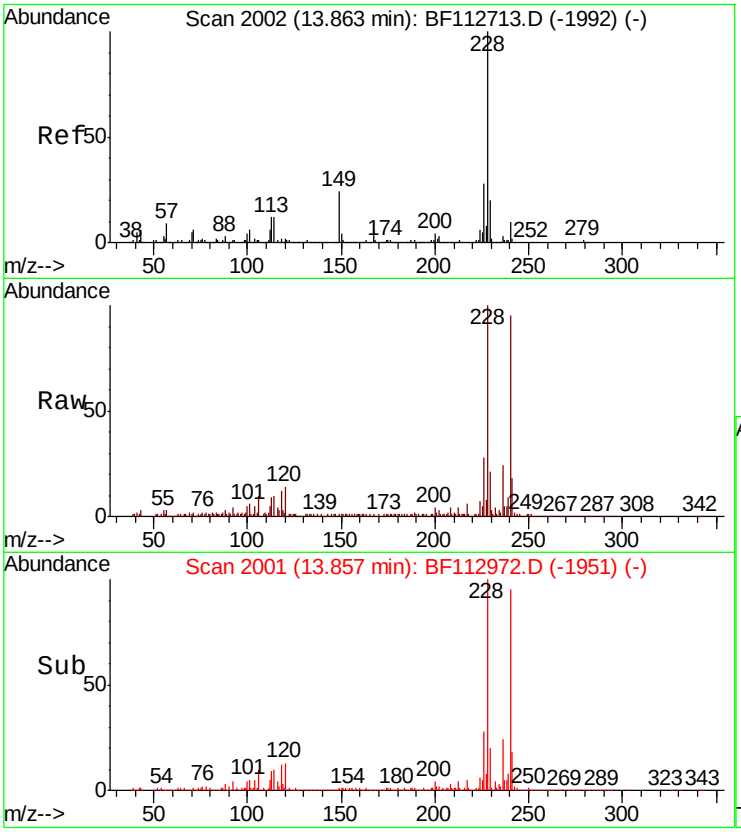


#79
Terphenyl-d14
Concen: 11.372 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion:244 Resp: 316425

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	12.4	10.5	15.7



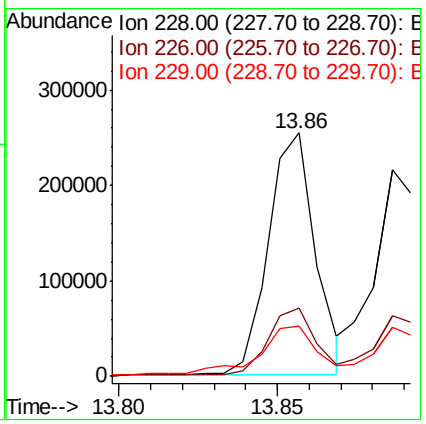


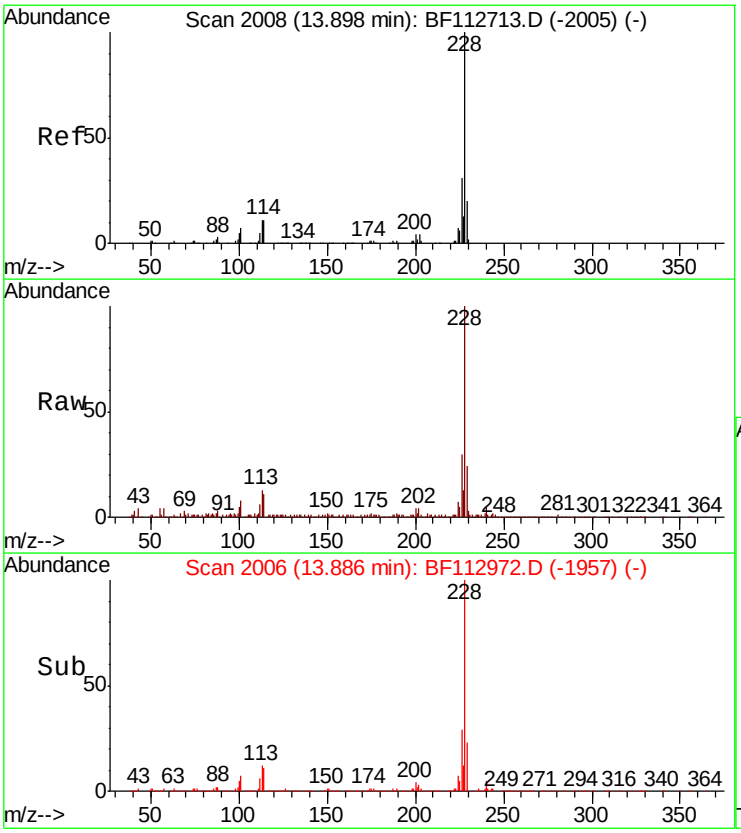
#81
Benzo(a)anthracene
Concen: 7.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion:228 Resp: 261665

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.4
229	20.9	16.0	24.0

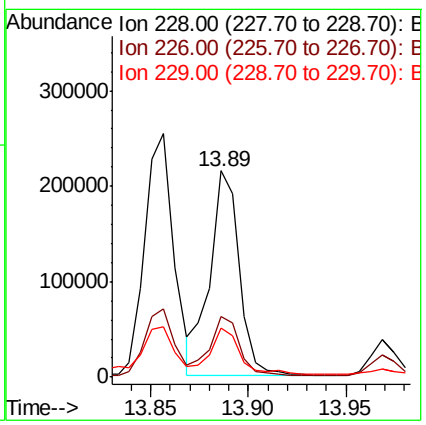


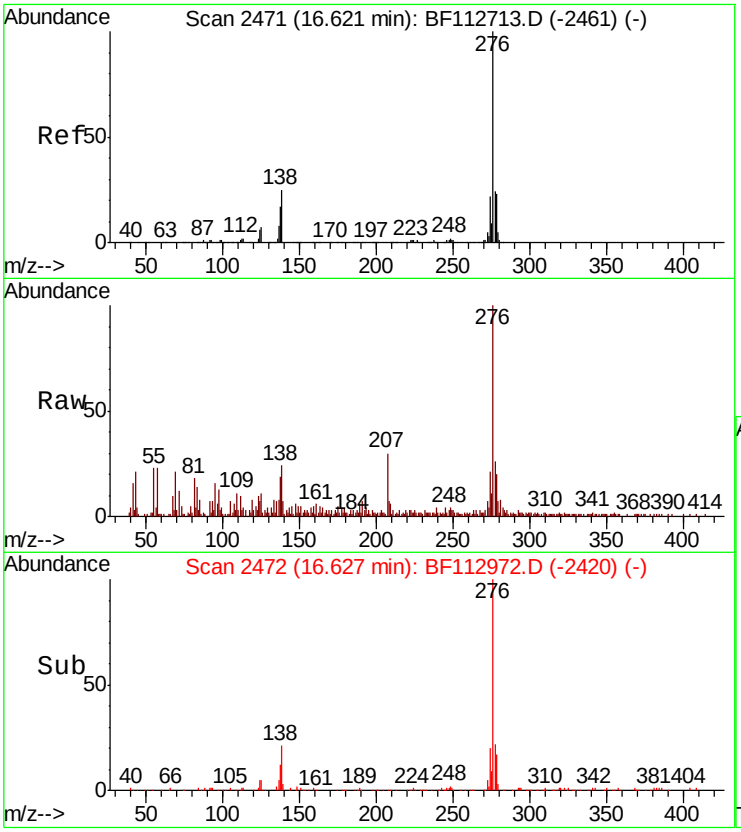


#83
Chrysene
Concen: 6.210 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion:228 Resp: 227388

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	23.9	16.3	24.5



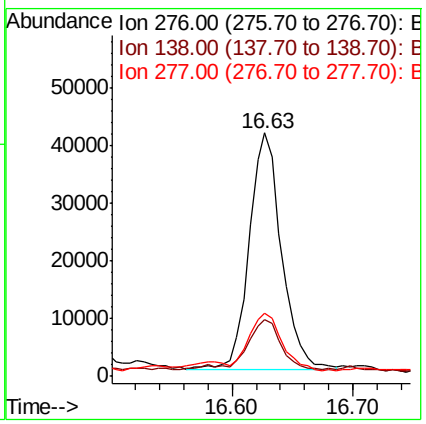


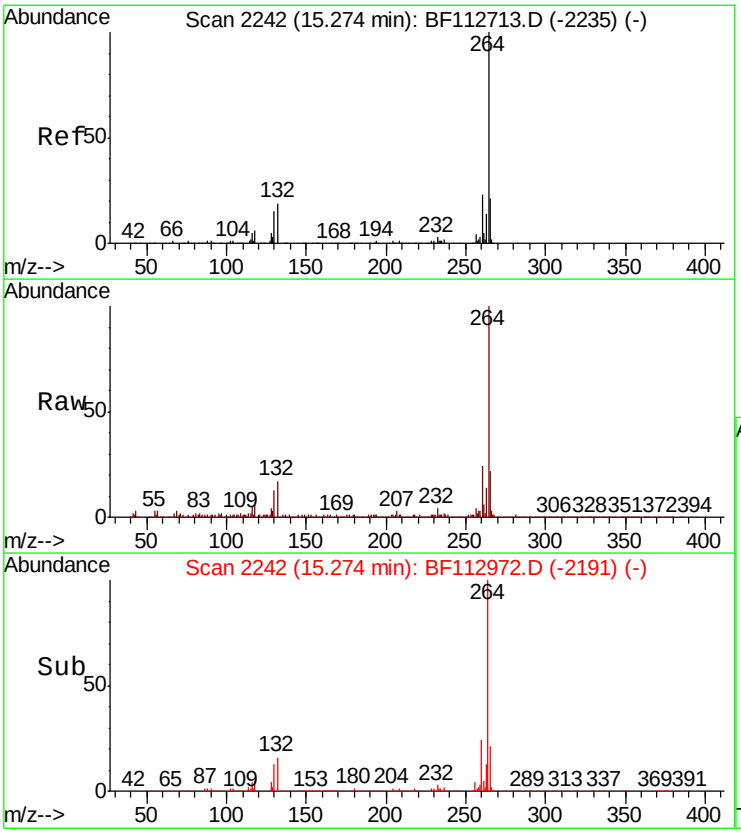
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.459 ng
RT: 16.63 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion:276 Resp: 76750

Ion	Ratio	Lower	Upper
276	100		
138	21.2	23.2	34.8#
277	24.9	19.9	29.9

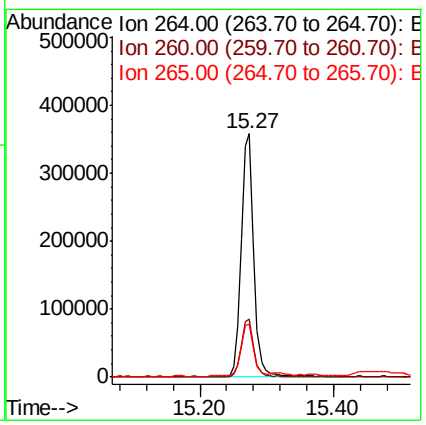


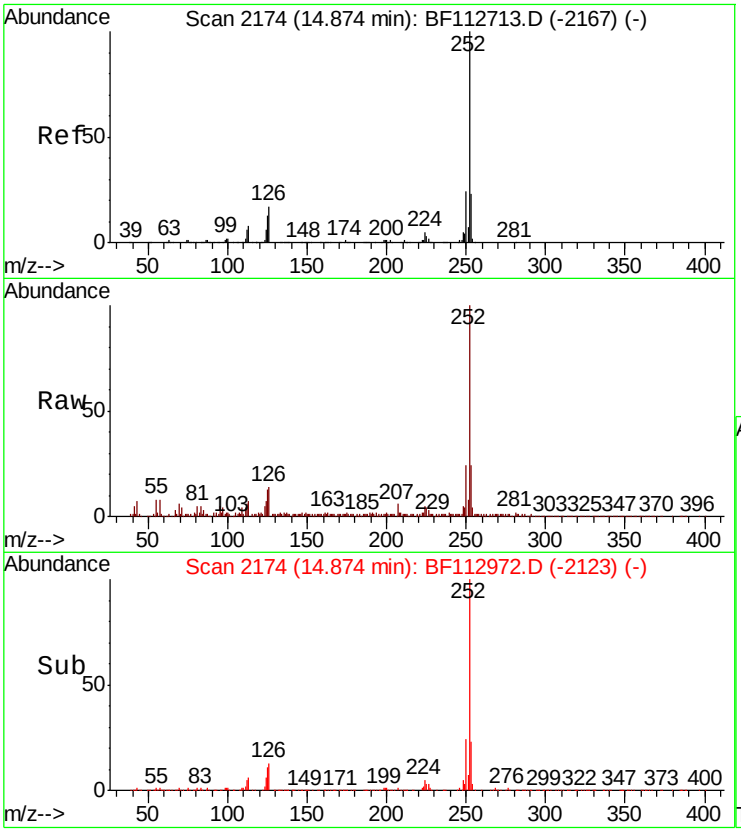


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion:264 Resp: 469377

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.7	17.2	25.8



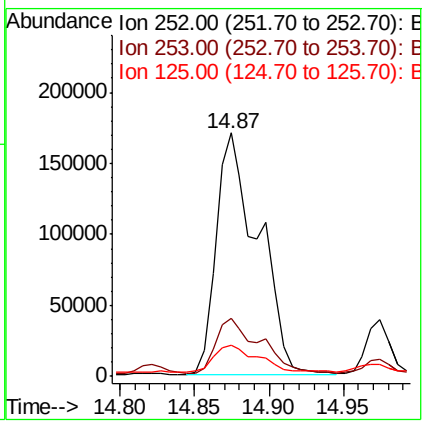


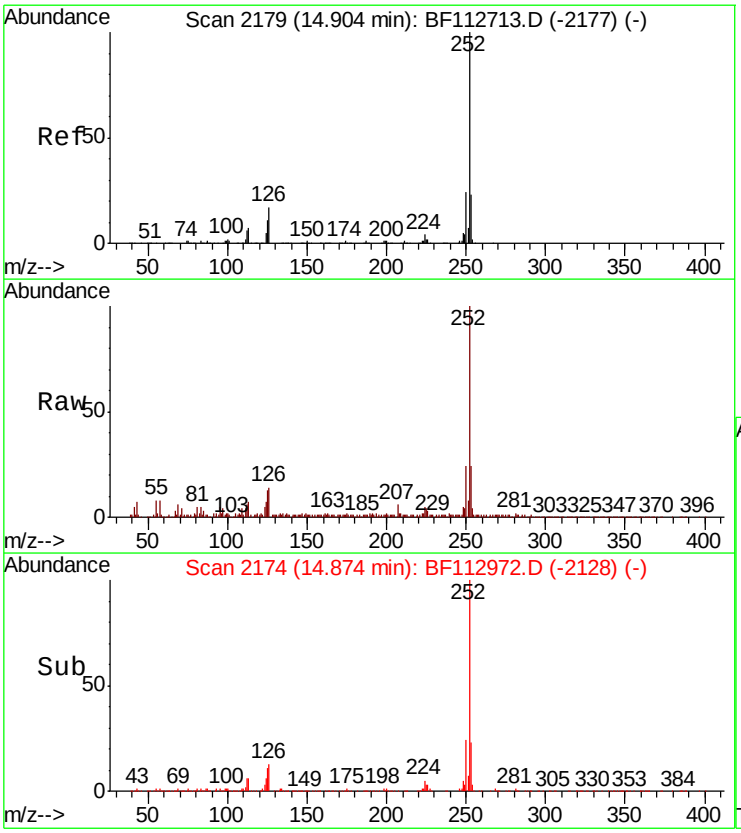
#88
Benzo(b)fluoranthene
Concen: 11.021 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion:252 Resp: 334616

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	13.0	10.2	15.2

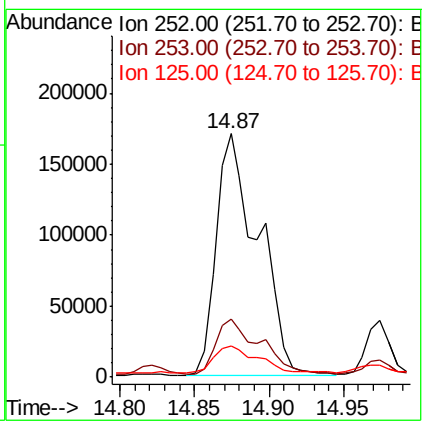


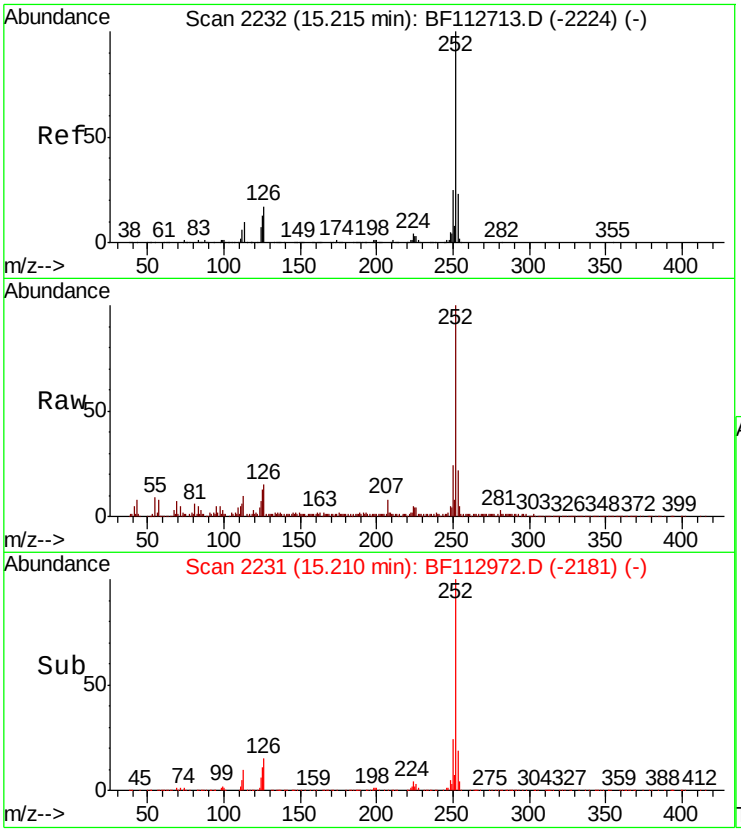


#89
Benzo(k)fluoranthene
Concen: 12.168 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion:252 Resp: 334616

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	13.0	9.8	14.6



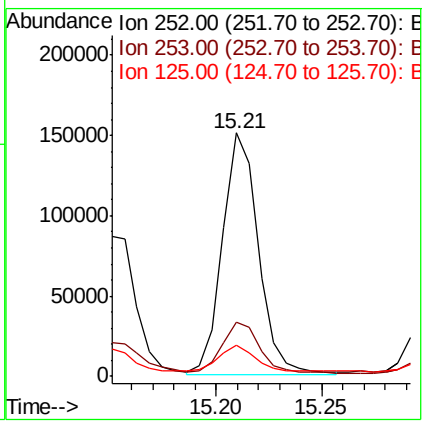


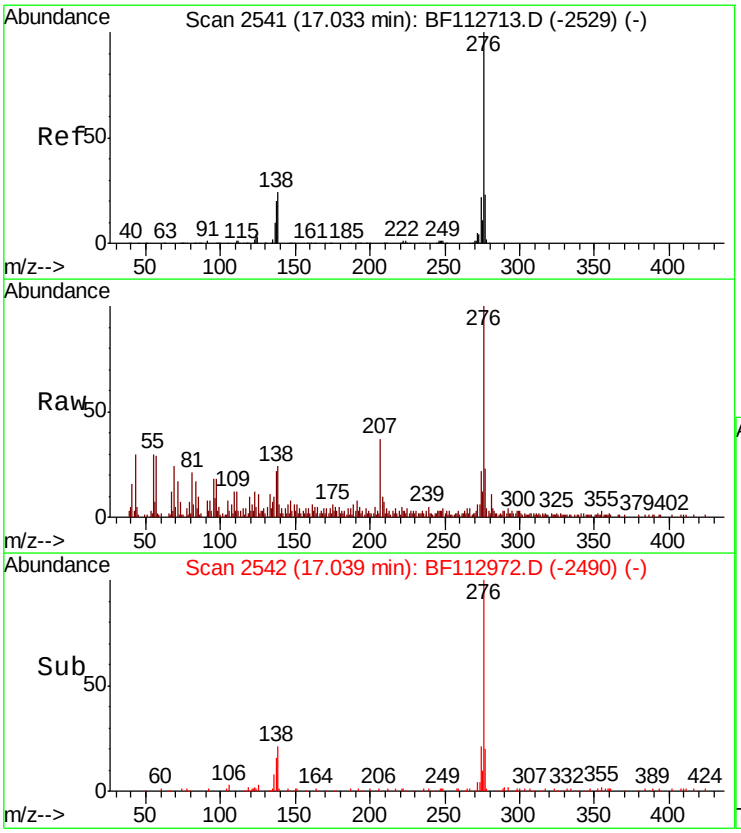
#90
Benzo(a)pyrene
Concen: 6.584 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-B

Tgt Ion:252 Resp: 176818

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	12.9	10.7	16.1





#92
Benzo(g,h,i)perylene
Concen: 2.920 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF112972.D
Acq: 11 Mar 2019 23:17

Tgt Ion:276 Resp: 67192

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	27.8
138	23.9	19.4	29.0